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

# Cover Page

**Order ID :** Q3483

**Project ID :** NJ Soil PT

**Client :** Alliance Technical Group, LLC - Newark

| Lab Sample Number | Client Sample Number |
|---|---|
| Q3483-01 | HW1025-PT-AN-SOIL |
| Q3483-02 | HW1025-PT-CORR-SOIL |
| Q3483-03 | HW1025-PT-CN-SOIL |
| Q3483-04 | HW1025-PT-CN-SOIL |
| Q3483-05 | HW1025-PT-FP-SOIL |
| Q3483-06 | HW1025-PT-CR6-SOIL |
| Q3483-07 | HW1025-PT-NUT-SOIL |
| Q3483-08 | HW1025-PT-NUT-SOIL |
| Q3483-09 | HW1025-PT-OGR-SOIL |
| Q3483-10 | HW1025-PT-MET-SOIL |
| Q3483-11 | HW1025-PT-BNA-SOIL |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL |
| Q3483-13 | HW1025-PT-PAH-SOIL |
| Q3483-14 | HW1025-PT-DIES-SOIL |
| Q3483-15 | HW1025-PT-GAS-SOIL |
| Q3483-16 | HW1025-PT-NJEPH-SOIL |
| Q3483-17 | HW1025-PT-HERB-SOIL |
| Q3483-18 | HW1025-PT-PCB-SOIL |
| Q3483-19 | HW1025-PT-PCBO-SOIL |
| Q3483-20 | HW1025-PT-PEST-SOIL |
| Q3483-21 | HW1025-PT-CHLOR-SOIL |
| Q3483-22 | HW1025-PT-TXP-SOIL |
| Q3483-23 | HW1025-PT-VOA-SOIL |
| Q3483-24 | HW1025-PT-SOL-SOIL |
| Q3483-25 | HW1025-PT-NO2-SOIL |

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: 12/12/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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# CASE NARRATIVE

**Alliance Technical Group, LLC - Newark**
**Project Name: NJ Soil PT**
**Project # N/A**
**Order ID # Q3483**
**Test Name: SVOCMS Group1**

**A. Number of Samples and Date of Receipt:**
1 Solid sample was received on 10/29/2025.

**B. Parameters**
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1. This data package contains results for SVOCMS Group1.

**C. Analytical Techniques:**
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 Group1 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.
The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
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 %RSD is greater than 20% in the Method 8270-BG111225.M for Pentachlorophenol, 2,4-Dinitrophenol, Benzoic acid, these compound is passing on Linear regression.

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Sample HW1025-PT-BNA-SOIL was diluted due to high concentration.

**E. Additional Comments:**
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.

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**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 |

# ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

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

ORDER ID: Q3483 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 %RSD is greater than 20% in the Method 8270-BG111225.M for Pentachlorophenol, 2,4-Dinitrophenol, Benzoic acid, these compound is passing on Linear regression. The Continuous Calibration met the requirements. | | | ✓ |
| 6. | Blank Contamination - If yes, list compounds and concentrations in each blank: | | ✓ | |
| 7. | Surrogate Recoveries Meet Criteria<br>If not met, list those compounds and their recoveries which fall outside the acceptable ranges. | | | ✓ |
| 8. | Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria<br>If not met, list those compounds and their recoveries which fall outside the acceptable range.<br>The Blank Spike met requirements for all compounds. | | | ✓ |
| 9. | Internal Standard Area/Retention Time Shift Meet Criteria | | | ✓ |

Comments:

## GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

| | | NA | NO | YES |
|---|---|---|---|---|
| 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:

Sample HW1025-PT-BNA-SOIL was diluted due to high concentration.

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

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

_____ _____

QA REVIEW Date

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**APPENDIX A**

**QA REVIEW GENERAL DOCUMENTATION**

**Project #:** **Q3483**

| | 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:** **12/12/2025**

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3483 | **OrderDate:** | 10/29/2025 2:32:00 PM |
| **Client:** | Alliance Technical Group, LLC - Newark | **Project:** | NJ Soil PT |
| **Contact:** | Mohammad Ahmed | **Location:** | QA Office,VOA Lab |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3483-11** | **HW1025-PT-BNA-SOIL** | **SOIL** | | | **10/27/25** | | | **10/29/25** |
| | | | SVOCMS Group1 | 8270E | | 11/18/25 | 11/26/25 | |
| **Q3483-11DL** | **HW1025-PT-BNA-SOILDL** | **SOIL** | | | **10/27/25** | | | **10/29/25** |
| | | | SVOCMS Group1 | 8270E | | 11/18/25 | 11/26/25 | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3483

**Client:** Alliance Technical Group, LLC - Newark

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **HW1025-PT-BNA-SOIL** | | | | | | | |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Phenol | 1,100.000 | | 22.2 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | bis(2-Chloroethyl)ether | 5,300.000 | E | 24.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 1,2-Dichlorobenzene | 2,000.000 | | 19.5 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 1,3-Dichlorobenzene | 4,700.000 | E | 17.8 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 1,4-Dichlorobenzene | 3,300.000 | E | 18.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | n-Nitroso-di-n-propylamine | 5,400.000 | E | 47.6 | 80.4 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Hexachloroethane | 1,800.000 | | 17.7 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Isophorone | 1,900.000 | | 33 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 1,2,4-Trichlorobenzene | 4,300.000 | E | 22.7 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Naphthalene | 3,800.000 | E | 22.8 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Hexachlorobutadiene | 4,900.000 | E | 25.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 4-Chloro-3-methylphenol | 2,700.000 | | 28.8 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 2-Methylnaphthalene | 4,500.000 | E | 25.7 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 2,4,6-Trichlorophenol | 4,500.000 | E | 19.9 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 2,4,5-Trichlorophenol | 4,700.000 | E | 29.2 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Dimethylphthalate | 4,500.000 | E | 27.2 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Acenaphthylene | 2,300.000 | | 29 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Acenaphthene | 3,400.000 | E | 21.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 4-Nitrophenol | 3,600.000 | E | 110 | 330 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Dibenzofuran | 3,100.000 | E | 22.8 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 2,4-Dinitrotoluene | 3,100.000 | E | 50.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Diethylphthalate | 5,300.000 | E | 28.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Fluorene | 5,000.000 | E | 25.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Hexachlorobenzene | 3,800.000 | E | 25.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Pentachlorophenol | 3,900.000 | E | 51.6 | 330 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Anthracene | 2,400.000 | | 33.5 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Carbazole | 1,400.000 | | 31.4 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Butylbenzylphthalate | 2,700.000 | E | 71.8 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Benzo(a)anthracene | 2,900.000 | E | 23.1 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Chrysene | 1,400.000 | | 20 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Di-n-octyl phthalate | 4,700.000 | E | 87.2 | 330 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Benzo(b)fluoranthene | 1,700.000 | | 19.1 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Benzo(k)fluoranthene | 3,300.000 | E | 22.5 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | Benzo(a)pyrene | 3,200.000 | E | 29.6 | 170 | ug/Kg |
| Q3483-11 | HW1025-PT-BNA-SOIL | SOIL | 2,3,4,6-Tetrachlorophenol | 3,700.000 | E | 27.5 | 170 | ug/Kg |
| | | | **Total Svoc :** | **120,300.00** | | | | |
| | | | **Total Concentration:** | **120,300.00** | | | | |

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# Hit Summary Sheet
**SW-846**

**SDG No.:** Q3483

**Client:** Alliance Technical Group, LLC - Newark

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|---|---|---|---|---|---|---|---|---|
| **Client ID :** | **HW1025-PT-BNA-SOILDL** | | | | | | | |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Phenol | 940.000 | D | 110 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | bis(2-Chloroethyl)ether | 5,100.000 | D | 120 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 1,2-Dichlorobenzene | 1,900.000 | D | 97.5 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 1,3-Dichlorobenzene | 4,500.000 | D | 88.9 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 1,4-Dichlorobenzene | 3,200.000 | D | 92 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | n-Nitroso-di-n-propylamine | 5,500.000 | D | 240 | 400 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Hexachloroethane | 1,600.000 | D | 88.4 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Isophorone | 1,800.000 | D | 160 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 1,2,4-Trichlorobenzene | 4,100.000 | D | 110 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Naphthalene | 3,800.000 | D | 110 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Hexachlorobutadiene | 4,700.000 | D | 130 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 4-Chloro-3-methylphenol | 2,500.000 | D | 140 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 2-Methylnaphthalene | 4,700.000 | D | 130 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 2,4,6-Trichlorophenol | 4,100.000 | D | 99.5 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 2,4,5-Trichlorophenol | 4,300.000 | D | 150 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Dimethylphthalate | 4,500.000 | D | 140 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Acenaphthylene | 2,100.000 | D | 150 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Acenaphthene | 3,400.000 | D | 110 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 4-Nitrophenol | 2,500.000 | D | 540 | 1700 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Dibenzofuran | 3,100.000 | D | 110 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 2,4-Dinitrotoluene | 2,700.000 | D | 250 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Diethylphthalate | 5,500.000 | D | 140 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Fluorene | 5,100.000 | D | 130 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Hexachlorobenzene | 3,600.000 | D | 130 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Pentachlorophenol | 3,400.000 | D | 260 | 1700 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Anthracene | 2,300.000 | D | 170 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Carbazole | 1,300.000 | D | 160 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Butylbenzylphthalate | 2,500.000 | D | 360 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Benzo(a)anthracene | 2,700.000 | D | 120 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Chrysene | 1,300.000 | D | 100 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Di-n-octyl phthalate | 4,600.000 | D | 440 | 1700 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Benzo(b)fluoranthene | 1,500.000 | D | 95.5 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Benzo(k)fluoranthene | 3,200.000 | D | 110 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | Benzo(a)pyrene | 2,900.000 | D | 150 | 850 | ug/Kg |
| Q3483-11DL | HW1025-PT-BNA-SOIL] | SOIL | 2,3,4,6-Tetrachlorophenol | 3,400.000 | D | 140 | 850 | ug/Kg |
| | | | **Total Svoc :** | **114,340.00** | | | | |
| | | | **Total Concentration:** | **114,340.00** | | | | |




# QC SUMMARY

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

# Surrogate Summary

**SW-846**

**SDG No.:** Q3483

**Client:** Alliance Technical Group, LLC - Newark

**Analytical Method:** 8270E

| Lab Sample ID | Client ID | Parameter | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) Low | Limits (%) High |
|---|---|---|---|---|---|---|---|---|
| PB170598BL | PB170598BL | 2-Fluorophenol | 150 | 136 | 91 | | 10 | 105 |
| | | Phenol-d6 | 150 | 136 | 90 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 85.1 | 85 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 85.3 | 85 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 129 | 86 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 89.0 | 89 | | 10 | 109 |
| PB170598BS | PB170598BS | 2-Fluorophenol | 150 | 130 | 86 | | 10 | 105 |
| | | Phenol-d6 | 150 | 131 | 87 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 78.2 | 78 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 75.9 | 76 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 126 | 84 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 83.7 | 84 | | 10 | 109 |
| Q3483-11 | HW1025-PT-BNA-SOIL | 2-Fluorophenol | 150 | 82.0 | 55 | | 10 | 105 |
| | | Phenol-d6 | 150 | 86.4 | 58 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 57.2 | 57 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 68.2 | 68 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 128 | 85 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 87.7 | 88 | | 10 | 109 |
| Q3483-11DL | HW1025-PT-BNA-SOILDL | 2-Fluorophenol | 150 | 69.6 | 46 | | 10 | 105 |
| | | Phenol-d6 | 150 | 73.3 | 49 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 46.7 | 47 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 64.5 | 65 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 113 | 76 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 81.7 | 82 | | 10 | 109 |
| Q3658-01MS | NB-07-111725MS | 2-Fluorophenol | 150 | 98.6 | 66 | | 10 | 105 |
| | | Phenol-d6 | 150 | 99.7 | 66 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 62.3 | 62 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 59.3 | 59 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 90.8 | 61 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 73.4 | 73 | | 10 | 109 |
| Q3658-01MSD | NB-07-111725MSD | 2-Fluorophenol | 150 | 98.7 | 66 | | 10 | 105 |
| | | Phenol-d6 | 150 | 99.1 | 66 | | 10 | 103 |
| | | Nitrobenzene-d5 | 100 | 61.9 | 62 | | 10 | 108 |
| | | 2-Fluorobiphenyl | 100 | 57.3 | 57 | | 10 | 108 |
| | | 2,4,6-Tribromophenol | 150 | 93.0 | 62 | | 10 | 116 |
| | | Terphenyl-d14 | 100 | 72.9 | 73 | | 10 | 109 |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3483 **Analytical Method:** SW8270E

**Client:** Alliance Technical Group, LLC - Newark **DataFile:** BG064805.D

**Lab Sample ID:** Q3658-01MS **Client Sample ID:** NB-07-111725MS

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| n-Nitrosodimethylamine | 1100 | 0 | 870 | ug/Kg | 79 | | | | 66 | 124 | |
| Pyridine | 1100 | 0 | 700 | ug/Kg | 64 | | | | 45 | 119 | |
| Benzaldehyde | 1100 | 0 | 640 | ug/Kg | 58 | | | | 20 | 111 | |
| Aniline | 1100 | 0 | 430 | ug/Kg | 39 | | | | 10 | 88 | |
| Phenol | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 51 | 122 | |
| bis(2-Chloroethyl)ether | 1100 | 0 | 970 | ug/Kg | 88 | | | | 67 | 110 | |
| 2-Chlorophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 67 | 119 | |
| 1,2-Dichlorobenzene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 61 | 105 | |
| 1,3-Dichlorobenzene | 1100 | 0 | 980 | ug/Kg | 89 | | | | 62 | 101 | |
| 1,4-Dichlorobenzene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 63 | 104 | |
| Benzyl Alcohol | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 47 | 126 | |
| 2-Methylphenol | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 68 | 116 | |
| 2,2-oxybis(1-Chloropropane) | 1100 | 0 | 900 | ug/Kg | 82 | | | | 59 | 113 | |
| Acetophenone | 1100 | 0 | 960 | ug/Kg | 87 | | | | 55 | 128 | |
| 3+4-Methylphenols | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 70 | 111 | |
| N-Nitroso-di-n-propylamine | 1100 | 0 | 980 | ug/Kg | 89 | | | | 59 | 119 | |
| Hexachloroethane | 1100 | 0 | 970 | ug/Kg | 88 | | | | 65 | 115 | |
| Nitrobenzene | 1100 | 0 | 960 | ug/Kg | 87 | | | | 66 | 120 | |
| Isophorone | 1100 | 0 | 930 | ug/Kg | 85 | | | | 67 | 113 | |
| 2-Nitrophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 69 | 135 | |
| 2,4-Dimethylphenol | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 63 | 151 | |
| bis(2-Chloroethoxy)methane | 1100 | 0 | 990 | ug/Kg | 90 | | | | 70 | 112 | |
| 2,4-Dichlorophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 70 | 121 | |
| 1,2,4-Trichlorobenzene | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 57 | 103 | |
| Benzoic acid | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 50 | 104 | |
| Naphthalene | 1100 | 0 | 970 | ug/Kg | 88 | | | | 66 | 113 | |
| 4-Chloroaniline | 1100 | 0 | 220 | ug/Kg | 20 | | | | 10 | 100 | |
| Hexachlorobutadiene | 1100 | 0 | 950 | ug/Kg | 86 | | | | 67 | 118 | |
| Caprolactam | 1100 | 0 | 990 | ug/Kg | 90 | | | | 51 | 134 | |
| 4-Chloro-3-methylphenol | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 71 | 118 | |
| 2-Methylnaphthalene | 1100 | 0 | 890 | ug/Kg | 81 | | | | 59 | 123 | |
| Hexachlorocyclopentadiene | 2200 | 0 | 1100 | ug/Kg | 50 | | | | 16 | 175 | |
| 2,4,6-Trichlorophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 67 | 128 | |
| 2,4,5-Trichlorophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 69 | 123 | |
| 1,1-Biphenyl | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 69 | 126 | |
| 2-Chloronaphthalene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 71 | 113 | |
| 2-Nitroaniline | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 73 | 125 | |
| Dimethylphthalate | 1100 | 0 | 940 | ug/Kg | 85 | | | | 72 | 116 | |
| Acenaphthylene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 69 | 128 | |
| 2,6-Dinitrotoluene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 67 | 141 | |
| 3-Nitroaniline | 1100 | 0 | 620 | ug/Kg | 56 | | | | 28 | 102 | |
| Acenaphthene | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 70 | 121 | |
| 2,4-Dinitrophenol | 2200 | 0 | 1600 | ug/Kg | 73 | | | | 10 | 164 | |
| 4-Nitrophenol | 2200 | 0 | 2100 | ug/Kg | 95 | | | | 49 | 133 | |
| Dibenzofuran | 1100 | 0 | 990 | ug/Kg | 90 | | | | 71 | 111 | |
| 2,4-Dinitrotoluene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 73 | 130 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3483 **Analytical Method:** SW8270E

**Client:** Alliance Technical Group, LLC - Newark **DataFile:** BG064805.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diethylphthalate | 1100 | 0 | 950 | ug/Kg | 86 | | | | 73 | 116 | |
| 4-Chlorophenyl-phenylether | 1100 | 0 | 960 | ug/Kg | 87 | | | | 72 | 112 | |
| Fluorene | 1100 | 0 | 970 | ug/Kg | 88 | | | | 67 | 114 | |
| 4-Nitroaniline | 1100 | 0 | 880 | ug/Kg | 80 | | | | 61 | 128 | |
| 4,6-Dinitro-2-methylphenol | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 25 | 163 | |
| N-Nitrosodiphenylamine | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 73 | 118 | |
| Azobenzene | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 73 | 110 | |
| 4-Bromophenyl-phenylether | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 65 | 121 | |
| Hexachlorobenzene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 67 | 118 | |
| Atrazine | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 79 | 127 | |
| Pentachlorophenol | 2200 | 0 | 2100 | ug/Kg | 95 | | | | 39 | 145 | |
| Phenanthrene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 52 | 128 | |
| Anthracene | 1100 | 0 | 990 | ug/Kg | 90 | | | | 62 | 124 | |
| Carbazole | 1100 | 0 | 950 | ug/Kg | 86 | | | | 73 | 115 | |
| Di-n-butylphthalate | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 72 | 129 | |
| Fluoranthene | 1100 | 76.6 | 870 | ug/Kg | 72 | | | | 31 | 152 | |
| Benzidine | 2200 | 0 | 500 | ug/Kg | 23 | | | | 10 | 119 | |
| Pyrene | 1100 | 85.3 | 1200 | ug/Kg | 101 | | | | 37 | 122 | |
| Butylbenzylphthalate | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 59 | 151 | |
| 3,3-Dichlorobenzidine | 1100 | 0 | 470 | ug/Kg | 43 | | | | 10 | 116 | |
| Benzo(a)anthracene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 53 | 119 | |
| Chrysene | 1100 | 54.7 | 1000 | ug/Kg | 86 | | | | 57 | 121 | |
| bis(2-Ethylhexyl)phthalate | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 64 | 139 | |
| Di-n-octyl phthalate | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 51 | 156 | |
| Benzo(b)fluoranthene | 1100 | 80.8 | 1000 | ug/Kg | 84 | | | | 52 | 117 | |
| Benzo(k)fluoranthene | 1100 | 0 | 990 | ug/Kg | 90 | | | | 57 | 134 | |
| Benzo(a)pyrene | 1100 | 48.7 | 1000 | ug/Kg | 86 | | | | 70 | 142 | |
| Indeno(1,2,3-cd)pyrene | 1100 | 45.9 | 1100 | ug/Kg | 96 | | | | 48 | 129 | |
| Dibenz(a,h)anthracene | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 43 | 123 | |
| Benzo(g,h,i)perylene | 1100 | 61.0 | 1200 | ug/Kg | 104 | | | | 40 | 133 | |
| 1,2,4,5-Tetrachlorobenzene | 1100 | 0 | 1000 | ug/Kg | 91 | | | | 65 | 132 | |
| 1,4-Dioxane | 1100 | 0 | 740 | ug/Kg | 67 | | | | 46 | 112 | |
| 2,3,4,6-Tetrachlorophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | | | 56 | 141 | |
| 1-Methylnaphthalene | 1100 | 0 | 930 | ug/Kg | 85 | | | | 70 | 130 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3483 **Analytical Method:** SW8270E

**Client:** Alliance Technical Group, LLC - Newark **DataFile:** BG064806.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID: Q3658-01MSD** | | **Client Sample ID: NB-07-111725MSD** | | | | | | | | | |
| n-Nitrosodimethylamine | 1100 | 0 | 890 | ug/Kg | 81 | | 3 | | 66 | 124 | 20 |
| Pyridine | 1100 | 0 | 770 | ug/Kg | 70 | | 9 | | 45 | 119 | 20 |
| Benzaldehyde | 1100 | 0 | 640 | ug/Kg | 58 | | 0 | | 20 | 111 | 20 |
| Aniline | 1100 | 0 | 400 | ug/Kg | 36 | | 8 | | 10 | 88 | 20 |
| Phenol | 1100 | 0 | 1000 | ug/Kg | 91 | | 0 | | 51 | 122 | 20 |
| bis(2-Chloroethyl)ether | 1100 | 0 | 960 | ug/Kg | 87 | | 1 | | 67 | 110 | 20 |
| 2-Chlorophenol | 1100 | 0 | 1000 | ug/Kg | 91 | | 9 | | 67 | 119 | 20 |
| 1,2-Dichlorobenzene | 1100 | 0 | 1000 | ug/Kg | 91 | | 0 | | 61 | 105 | 20 |
| 1,3-Dichlorobenzene | 1100 | 0 | 990 | ug/Kg | 90 | | 1 | | 62 | 101 | 20 |
| 1,4-Dichlorobenzene | 1100 | 0 | 1000 | ug/Kg | 91 | | 0 | | 63 | 104 | 20 |
| Benzyl Alcohol | 1100 | 0 | 1000 | ug/Kg | 91 | | 0 | | 47 | 126 | 20 |
| 2-Methylphenol | 1100 | 0 | 1000 | ug/Kg | 91 | | 9 | | 68 | 116 | 20 |
| 2,2-oxybis(1-Chloropropane) | 1100 | 0 | 920 | ug/Kg | 84 | | 2 | | 59 | 113 | 20 |
| Acetophenone | 1100 | 0 | 960 | ug/Kg | 87 | | 0 | | 55 | 128 | 20 |
| 3+4-Methylphenols | 1100 | 0 | 1000 | ug/Kg | 91 | | 0 | | 70 | 111 | 20 |
| N-Nitroso-di-n-propylamine | 1100 | 0 | 970 | ug/Kg | 88 | | 1 | | 59 | 119 | 20 |
| Hexachloroethane | 1100 | 0 | 990 | ug/Kg | 90 | | 2 | | 65 | 115 | 20 |
| Nitrobenzene | 1100 | 0 | 980 | ug/Kg | 89 | | 2 | | 66 | 120 | 20 |
| Isophorone | 1100 | 0 | 930 | ug/Kg | 85 | | 0 | | 67 | 113 | 20 |
| 2-Nitrophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | 0 | | 69 | 135 | 16 |
| 2,4-Dimethylphenol | 1100 | 0 | 990 | ug/Kg | 90 | | 1 | | 63 | 151 | 20 |
| bis(2-Chloroethoxy)methane | 1100 | 0 | 980 | ug/Kg | 89 | | 1 | | 70 | 112 | 20 |
| 2,4-Dichlorophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | 0 | | 70 | 121 | 20 |
| 1,2,4-Trichlorobenzene | 1100 | 0 | 1000 | ug/Kg | 91 | | 9 | | 57 | 103 | 20 |
| Benzoic acid | 1100 | 0 | 1100 | ug/Kg | 100 | | 0 | | 50 | 104 | 20 |
| Naphthalene | 1100 | 0 | 970 | ug/Kg | 88 | | 0 | | 66 | 113 | 20 |
| 4-Chloroaniline | 1100 | 0 | 260 | ug/Kg | 24 | | 18 | | 10 | 100 | 25 |
| Hexachlorobutadiene | 1100 | 0 | 960 | ug/Kg | 87 | | 1 | | 67 | 118 | 16 |
| Caprolactam | 1100 | 0 | 1000 | ug/Kg | 91 | | 1 | | 51 | 134 | 25 |
| 4-Chloro-3-methylphenol | 1100 | 0 | 1100 | ug/Kg | 100 | | 9 | | 71 | 118 | 20 |
| 2-Methylnaphthalene | 1100 | 0 | 890 | ug/Kg | 81 | | 0 | | 59 | 123 | 20 |
| Hexachlorocyclopentadiene | 2200 | 0 | 930 | ug/Kg | 42 | | 17 | | 16 | 175 | 20 |
| 2,4,6-Trichlorophenol | 1100 | 0 | 1000 | ug/Kg | 91 | | 9 | | 67 | 128 | 16 |
| 2,4,5-Trichlorophenol | 1100 | 0 | 1100 | ug/Kg | 100 | | 0 | | 69 | 123 | 16 |
| 1,1-Biphenyl | 1100 | 0 | 980 | ug/Kg | 89 | | 2 | | 69 | 126 | 20 |
| 2-Chloronaphthalene | 1100 | 0 | 980 | ug/Kg | 89 | | 2 | | 71 | 113 | 20 |
| 2-Nitroaniline | 1100 | 0 | 1000 | ug/Kg | 91 | | 0 | | 73 | 125 | 16 |
| Dimethylphthalate | 1100 | 0 | 930 | ug/Kg | 85 | | 0 | | 72 | 116 | 20 |
| Acenaphthylene | 1100 | 0 | 990 | ug/Kg | 90 | | 1 | | 69 | 128 | 15 |
| 2,6-Dinitrotoluene | 1100 | 0 | 1100 | ug/Kg | 100 | | 9 | | 67 | 141 | 20 |
| 3-Nitroaniline | 1100 | 0 | 630 | ug/Kg | 57 | | 2 | | 28 | 102 | 20 |
| Acenaphthene | 1100 | 0 | 1000 | ug/Kg | 91 | | 9 | | 70 | 121 | 16 |
| 2,4-Dinitrophenol | 2200 | 0 | 1400 | ug/Kg | 64 | | 13 | | 10 | 164 | 30 |
| 4-Nitrophenol | 2200 | 0 | 2100 | ug/Kg | 95 | | 0 | | 49 | 133 | 20 |
| Dibenzofuran | 1100 | 0 | 990 | ug/Kg | 90 | | 0 | | 71 | 111 | 20 |
| 2,4-Dinitrotoluene | 1100 | 0 | 1000 | ug/Kg | 91 | | 0 | | 73 | 130 | 20 |

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**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3483 **Analytical Method:** SW8270E

**Client:** Alliance Technical Group, LLC - Newark **DataFile:** BG064806.D

| Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Diethylphthalate | 1100 | 0 | 950 | ug/Kg | 86 | 0 | | | 73 | 116 | 20 |
| 4-Chlorophenyl-phenylether | 1100 | 0 | 950 | ug/Kg | 86 | 1 | | | 72 | 112 | 20 |
| Fluorene | 1100 | 0 | 960 | ug/Kg | 87 | 1 | | | 67 | 114 | 20 |
| 4-Nitroaniline | 1100 | 0 | 880 | ug/Kg | 80 | 0 | | | 61 | 128 | 20 |
| 4,6-Dinitro-2-methylphenol | 1100 | 0 | 890 | ug/Kg | 81 | 12 | | | 25 | 163 | 30 |
| N-Nitrosodiphenylamine | 1100 | 0 | 1100 | ug/Kg | 100 | 0 | | | 73 | 118 | 20 |
| Azobenzene | 1100 | 0 | 1100 | ug/Kg | 100 | 0 | | | 73 | 110 | 20 |
| 4-Bromophenyl-phenylether | 1100 | 0 | 1100 | ug/Kg | 100 | 0 | | | 65 | 121 | 20 |
| Hexachlorobenzene | 1100 | 0 | 1100 | ug/Kg | 100 | 9 | | | 67 | 118 | 20 |
| Atrazine | 1100 | 0 | 1000 | ug/Kg | 91 | 0 | | | 79 | 127 | 20 |
| Pentachlorophenol | 2200 | 0 | 2200 | ug/Kg | 100 | 5 | | | 39 | 145 | 20 |
| Phenanthrene | 1100 | 0 | 1000 | ug/Kg | 91 | 0 | | | 52 | 128 | 20 |
| Anthracene | 1100 | 0 | 1000 | ug/Kg | 91 | 1 | | | 62 | 124 | 20 |
| Carbazole | 1100 | 0 | 980 | ug/Kg | 89 | 3 | | | 73 | 115 | 20 |
| Di-n-butylphthalate | 1100 | 0 | 1000 | ug/Kg | 91 | 0 | | | 72 | 129 | 20 |
| Fluoranthene | 1100 | 76.6 | 890 | ug/Kg | 74 | 3 | | | 31 | 152 | 20 |
| Benzidine | 2200 | 0 | 570 | ug/Kg | 26 | 12 | | | 10 | 119 | 20 |
| Pyrene | 1100 | 85.3 | 1200 | ug/Kg | 101 | 0 | | | 37 | 122 | 27 |
| Butylbenzylphthalate | 1100 | 0 | 1100 | ug/Kg | 100 | 0 | | | 59 | 151 | 20 |
| 3,3-Dichlorobenzidine | 1100 | 0 | 560 | ug/Kg | 51 | 17 | | | 10 | 116 | 20 |
| Benzo(a)anthracene | 1100 | 0 | 1000 | ug/Kg | 91 | 0 | | | 53 | 119 | 20 |
| Chrysene | 1100 | 54.7 | 1000 | ug/Kg | 86 | 0 | | | 57 | 121 | 20 |
| bis(2-Ethylhexyl)phthalate | 1100 | 0 | 1100 | ug/Kg | 100 | 0 | | | 64 | 139 | 20 |
| Di-n-octyl phthalate | 1100 | 0 | 1100 | ug/Kg | 100 | 9 | | | 51 | 156 | 20 |
| Benzo(b)fluoranthene | 1100 | 80.8 | 1000 | ug/Kg | 84 | 0 | | | 52 | 117 | 20 |
| Benzo(k)fluoranthene | 1100 | 0 | 1000 | ug/Kg | 91 | 1 | | | 57 | 134 | 20 |
| Benzo(a)pyrene | 1100 | 48.7 | 1000 | ug/Kg | 86 | 0 | | | 70 | 142 | 20 |
| Indeno(1,2,3-cd)pyrene | 1100 | 45.9 | 1200 | ug/Kg | 105 | 9 | | | 48 | 129 | 20 |
| Dibenz(a,h)anthracene | 1100 | 0 | 1100 | ug/Kg | 100 | 0 | | | 43 | 123 | 20 |
| Benzo(g,h,i)perylene | 1100 | 61.0 | 1200 | ug/Kg | 104 | 0 | | | 40 | 133 | 20 |
| 1,2,4,5-Tetrachlorobenzene | 1100 | 0 | 1000 | ug/Kg | 91 | 0 | | | 65 | 132 | 20 |
| 1,4-Dioxane | 1100 | 0 | 780 | ug/Kg | 71 | 6 | | | 46 | 112 | 20 |
| 2,3,4,6-Tetrachlorophenol | 1100 | 0 | 1100 | ug/Kg | 100 | 0 | | | 56 | 141 | 20 |
| 1-Methylnaphthalene | 1100 | 0 | 940 | ug/Kg | 85 | 0 | | | 70 | 130 | 20 |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3483 **Analytical Method:** 8270E

**Client:** Alliance Technical Group, LLC - Newark **DataFile:** BG064801.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170598BS | n-Nitrosodimethylamine | 1700 | 1300 | ug/Kg | 76 | | | | 57 | 103 | |
| | Pyridine | 1700 | 1000 | ug/Kg | 59 | | | | 28 | 98 | |
| | Benzaldehyde | 1700 | 700 | ug/Kg | 41 | | | | 10 | 133 | |
| | Aniline | 1700 | 1000 | ug/Kg | 59 | | | | 38 | 100 | |
| | Phenol | 1700 | 1600 | ug/Kg | 94 | | | | 62 | 112 | |
| | bis(2-Chloroethyl)ether | 1700 | 1400 | ug/Kg | 82 | | | | 60 | 101 | |
| | 2-Chlorophenol | 1700 | 1500 | ug/Kg | 88 | | | | 65 | 112 | |
| | 1,2-Dichlorobenzene | 1700 | 1400 | ug/Kg | 82 | | | | 51 | 102 | |
| | 1,3-Dichlorobenzene | 1700 | 1400 | ug/Kg | 82 | | | | 52 | 99 | |
| | 1,4-Dichlorobenzene | 1700 | 1400 | ug/Kg | 82 | | | | 52 | 100 | |
| | Benzyl Alcohol | 1700 | 1500 | ug/Kg | 88 | | | | 42 | 116 | |
| | 2-Methylphenol | 1700 | 1500 | ug/Kg | 88 | | | | 74 | 105 | |
| | 2,2-oxybis(1-Chloropropane) | 1700 | 1300 | ug/Kg | 76 | | | | 51 | 100 | |
| | Acetophenone | 1700 | 1600 | ug/Kg | 94 | | | | 66 | 98 | |
| | 3+4-Methylphenols | 1700 | 1500 | ug/Kg | 88 | | | | 58 | 111 | |
| | N-Nitroso-di-n-propylamine | 1700 | 1400 | ug/Kg | 82 | | | | 63 | 95 | |
| | Hexachloroethane | 1700 | 1300 | ug/Kg | 76 | | | | 72 | 108 | |
| | Nitrobenzene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 100 | |
| | Isophorone | 1700 | 1400 | ug/Kg | 82 | | | | 59 | 99 | |
| | 2-Nitrophenol | 1700 | 1500 | ug/Kg | 88 | | | | 75 | 113 | |
| | 2,4-Dimethylphenol | 1700 | 1500 | ug/Kg | 88 | | | | 61 | 130 | |
| | bis(2-Chloroethoxy)methane | 1700 | 1400 | ug/Kg | 82 | | | | 66 | 97 | |
| | 2,4-Dichlorophenol | 1700 | 1600 | ug/Kg | 94 | | | | 62 | 107 | |
| | 1,2,4-Trichlorobenzene | 1700 | 1400 | ug/Kg | 82 | | | | 44 | 110 | |
| | Benzoic acid | 1700 | 1500 | ug/Kg | 88 | | | | 10 | 140 | |
| | Naphthalene | 1700 | 1400 | ug/Kg | 82 | | | | 62 | 100 | |
| | 4-Chloroaniline | 1700 | 730 | ug/Kg | 43 | | | | 16 | 100 | |
| | Hexachlorobutadiene | 1700 | 1300 | ug/Kg | 76 | | | | 68 | 108 | |
| | Caprolactam | 1700 | 1600 | ug/Kg | 94 | | | | 67 | 110 | |
| | 4-Chloro-3-methylphenol | 1700 | 1500 | ug/Kg | 88 | | | | 74 | 106 | |
| | 2-Methylnaphthalene | 1700 | 1300 | ug/Kg | 76 | | | | 60 | 104 | |
| | Hexachlorocyclopentadiene | 3300 | 2300 | ug/Kg | 70 | | | | 45 | 165 | |
| | 2,4,6-Trichlorophenol | 1700 | 1500 | ug/Kg | 88 | | | | 59 | 102 | |
| | 2,4,5-Trichlorophenol | 1700 | 1500 | ug/Kg | 88 | | | | 74 | 110 | |
| | 1,1-Biphenyl | 1700 | 1500 | ug/Kg | 88 | | | | 71 | 110 | |
| | 2-Chloronaphthalene | 1700 | 1400 | ug/Kg | 82 | | | | 70 | 103 | |
| | 2-Nitroaniline | 1700 | 1600 | ug/Kg | 94 | | | | 66 | 101 | |
| | Dimethylphthalate | 1700 | 1400 | ug/Kg | 82 | | | | 76 | 101 | |
| | Acenaphthylene | 1700 | 1400 | ug/Kg | 82 | | | | 76 | 111 | |
| | 2,6-Dinitrotoluene | 1700 | 1600 | ug/Kg | 94 | | | | 78 | 116 | |
| | 3-Nitroaniline | 1700 | 1200 | ug/Kg | 71 | | | | 28 | 100 | |
| | Acenaphthene | 1700 | 1700 | ug/Kg | 100 | | | | 73 | 105 | |
| | 2,4-Dinitrophenol | 3300 | 3100 | ug/Kg | 94 | | | | 59 | 137 | |
| | 4-Nitrophenol | 3300 | 3400 | ug/Kg | 103 | | | | 60 | 124 | |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3483 **Analytical Method:** 8270E

**Client:** Alliance Technical Group, LLC - Newark **DataFile:** BG064801.D

| Lab Sample ID | Parameter | Spike | Result | Unit | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170598BS | Dibenzofuran | 1700 | 1400 | ug/Kg | 82 | | | | 63 | 99 | |
| | 2,4-Dinitrotoluene | 1700 | 1600 | ug/Kg | 94 | | | | 78 | 115 | |
| | Diethylphthalate | 1700 | 1500 | ug/Kg | 88 | | | | 76 | 104 | |
| | 4-Chlorophenyl-phenylether | 1700 | 1400 | ug/Kg | 82 | | | | 73 | 101 | |
| | Fluorene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 99 | |
| | 4-Nitroaniline | 1700 | 1600 | ug/Kg | 94 | | | | 64 | 103 | |
| | 4,6-Dinitro-2-methylphenol | 1700 | 1700 | ug/Kg | 100 | | | | 76 | 113 | |
| | N-Nitrosodiphenylamine | 1700 | 1500 | ug/Kg | 88 | | | | 71 | 99 | |
| | Azobenzene | 1700 | 1500 | ug/Kg | 88 | | | | 54 | 103 | |
| | 4-Bromophenyl-phenylether | 1700 | 1400 | ug/Kg | 82 | | | | 66 | 102 | |
| | Hexachlorobenzene | 1700 | 1400 | ug/Kg | 82 | | | | 64 | 98 | |
| | Atrazine | 1700 | 1400 | ug/Kg | 82 | | | | 71 | 122 | |
| | Pentachlorophenol | 3300 | 3100 | ug/Kg | 94 | | | | 56 | 129 | |
| | Phenanthrene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 100 | |
| | Anthracene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 103 | |
| | Carbazole | 1700 | 1500 | ug/Kg | 88 | | | | 76 | 103 | |
| | Di-n-butylphthalate | 1700 | 1400 | ug/Kg | 82 | | | | 76 | 110 | |
| | Fluoranthene | 1700 | 1400 | ug/Kg | 82 | | | | 73 | 105 | |
| | Benzidine | 3300 | 600 | ug/Kg | 18 | | | | 10 | 98 | |
| | Pyrene | 1700 | 1600 | ug/Kg | 94 | | | | 59 | 103 | |
| | Butylbenzylphthalate | 1700 | 1500 | ug/Kg | 88 | | | | 75 | 120 | |
| | 3,3-Dichlorobenzidine | 1700 | 980 | ug/Kg | 58 | | | | 31 | 94 | |
| | Benzo(a)anthracene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 104 | |
| | Chrysene | 1700 | 1400 | ug/Kg | 82 | | | | 75 | 103 | |
| | bis(2-Ethylhexyl)phthalate | 1700 | 1400 | ug/Kg | 82 | | | | 77 | 113 | |
| | Di-n-octyl phthalate | 1700 | 1400 | ug/Kg | 82 | | | | 76 | 110 | |
| | Benzo(b)fluoranthene | 1700 | 1600 | ug/Kg | 94 | | | | 62 | 109 | |
| | Benzo(k)fluoranthene | 1700 | 1600 | ug/Kg | 94 | | | | 75 | 108 | |
| | Benzo(a)pyrene | 1700 | 1600 | ug/Kg | 94 | | | | 79 | 109 | |
| | Indeno(1,2,3-cd)pyrene | 1700 | 1600 | ug/Kg | 94 | | | | 63 | 101 | |
| | Dibenz(a,h)anthracene | 1700 | 1600 | ug/Kg | 94 | | | | 61 | 112 | |
| | Benzo(g,h,i)perylene | 1700 | 1600 | ug/Kg | 94 | | | | 70 | 108 | |
| | 1,2,4,5-Tetrachlorobenzene | 1700 | 1500 | ug/Kg | 88 | | | | 53 | 101 | |
| | 1,4-Dioxane | 1700 | 1100 | ug/Kg | 65 | | | | 50 | 96 | |
| | 2,3,4,6-Tetrachlorophenol | 1700 | 1700 | ug/Kg | 100 | | | | 71 | 118 | |
| | 1-Methylnaphthalene | 1700 | 1300 | ug/Kg | 76 | | | | 70 | 130 | |

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170598BL

Lab Name: Alliance | Contract: ALLI03

Lab Code: ACE | SDG NO.: Q3483

Lab File ID: BG064800.D | Lab Sample ID: PB170598BL

Instrument ID: BNA_G | Date Extracted: 11/18/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/18/2025

Level: (low/med) LOW | Time Analyzed: 12:53

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

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| PB170598BS | PB170598BS | BG064801.D | 11/18/2025 |
| NB-07-111725MS | Q3658-01MS | BG064805.D | 11/18/2025 |
| NB-07-111725MSD | Q3658-01MSD | BG064806.D | 11/18/2025 |
| HW1025-PT-BNA-SOIL | Q3483-11 | BP026192.D | 11/26/2025 |

COMMENTS:

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**5B**

**SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK**
**DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)**

Lab Name: Alliance — Contract: ALLI03

Lab Code: ACE — SDG NO.: Q3483

Lab File ID: BG064744.D — DFTPP Injection Date: 11/12/2025

Instrument ID: BNA_G — DFTPP Injection Time: 10:37

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.2 ( 0.6 ) 1 |
| 69 | Mass 69 relative abundance | 100 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.2 ) 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 | 7.7 |
| 365 | Greater than 1% of mass 198 | 5.6 |
| 441 | Present, but less than mass 443 | 84.2 |
| 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 |
|---|---|---|---|---|
| SSTDICC2.5 | SSTDICC2.5 | BG064745.D | 11/12/2025 | 11:17 |
| SSTDICC005 | SSTDICC005 | BG064746.D | 11/12/2025 | 11:58 |
| SSTDICC010 | SSTDICC010 | BG064747.D | 11/12/2025 | 12:39 |
| SSTDICC020 | SSTDICC020 | BG064748.D | 11/12/2025 | 13:20 |
| SSTDICCC040 | SSTDICCC040 | BG064749.D | 11/12/2025 | 14:00 |
| SSTDICC050 | SSTDICC050 | BG064750.D | 11/12/2025 | 14:41 |
| SSTDICC060 | SSTDICC060 | BG064751.D | 11/12/2025 | 15:23 |
| SSTDICC080 | SSTDICC080 | BG064752.D | 11/12/2025 | 16:04 |

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG NO.: Q3483

Lab File ID: BG064798.D DFTPP Injection Date: 11/18/2025

Instrument ID: BNA_G DFTPP Injection Time: 11:30

| m/e | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2.0% of mass 69 | 0.1 ( 0.6 ) 1 |
| 69 | Mass 69 relative abundance | 100 |
| 70 | Less than 2.0% of mass 69 | 0.1 ( 0.3 ) 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 | 4.9 |
| 441 | Present, but less than mass 443 | 84.4 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 18.7 (18.7) 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 | BG064799.D | 11/18/2025 | 12:10 |
| PB170598BL | PB170598BL | BG064800.D | 11/18/2025 | 12:53 |
| PB170598BS | PB170598BS | BG064801.D | 11/18/2025 | 13:34 |
| NB-07-111725MS | Q3658-01MS | BG064805.D | 11/18/2025 | 16:21 |
| NB-07-111725MSD | Q3658-01MSD | BG064806.D | 11/18/2025 | 17:01 |

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**5B**

**SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK**
**DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)**

Lab Name: Alliance — Contract: ALLI03

Lab Code: ACE — SDG NO.: Q3483

Lab File ID: BP026142.D — DFTPP Injection Date: 11/18/2025

Instrument ID: BNA_P — DFTPP Injection Time: 13:45

| 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 ( 0.4 ) 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 | 6.8 |
| 365 | Greater than 1% of mass 198 | 3.6 |
| 441 | Present, but less than mass 443 | 79.0 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 17.3 (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 | BP026143.D | 11/18/2025 | 14:31 |
| SSTDICC005 | SSTDICC005 | BP026144.D | 11/18/2025 | 15:12 |
| SSTDICC010 | SSTDICC010 | BP026145.D | 11/18/2025 | 15:54 |
| SSTDICC020 | SSTDICC020 | BP026146.D | 11/18/2025 | 16:35 |
| SSTDICCC040 | SSTDICCC040 | BP026147.D | 11/18/2025 | 17:57 |
| SSTDICC050 | SSTDICC050 | BP026148.D | 11/18/2025 | 18:38 |
| SSTDICC060 | SSTDICC060 | BP026149.D | 11/18/2025 | 20:00 |
| SSTDICC080 | SSTDICC080 | BP026150.D | 11/18/2025 | 21:22 |

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**5B**

**SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK**
**DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)**

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG NO.: Q3483

Lab File ID: BP026189.D DFTPP Injection Date: 11/26/2025

Instrument ID: BNA_P DFTPP Injection Time: 13:23

| 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 | 0.2 |
| 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 | 4 |
| 441 | Present, but less than mass 443 | 79.7 |
| 442 | Greater than 50% of mass 198 | 100 |
| 443 | 15.0 - 24.0% of mass 442 | 19.4 (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 | BP026190.D | 11/26/2025 | 14:04 |
| HW1025-PT-BNA-SOIL | Q3483-11 | BP026192.D | 11/26/2025 | 15:48 |
| HW1025-PT-BNA-SOILDL | Q3483-11DL | BP026193.D | 11/26/2025 | 18:32 |

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3483

Client ID : SSTDCCC040 Date Analyzed: 11/18/2025

Lab File ID: BG064799.D Time Analyzed: 12:10

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

| | | IS1 (DCB) AREA # | RT # | IS2 (NPT) AREA # | RT # | IS3 (ANT) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 48235 | 8.164 | 186828 | 10.98 | 151237 | 14.77 |
| | UPPER LIMIT | 96470 | 8.664 | 373656 | 11.478 | 302474 | 15.274 |
| | LOWER LIMIT | 24117.5 | 7.664 | 93414 | 10.478 | 75618.5 | 14.274 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | PB170598BL | 39789 | 8.16 | 147034 | 10.98 | 118356 | 14.78 |
| 02 | PB170598BS | 43218 | 8.16 | 173831 | 10.98 | 141529 | 14.77 |
| 03 | NB-07-111725MS | 48188 | 8.16 | 195252 | 10.98 | 155870 | 14.77 |
| 04 | NB-07-111725MSD | 45859 | 8.16 | 185864 | 10.98 | 153717 | 14.77 |

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.: Q3483

Client ID: SSTDCCC040 Date Analyzed: 11/18/2025

Lab File ID: BG064799.D Time Analyzed: 12:10

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

| | | IS4 (PHN) AREA # | RT # | IS5 (CRY) AREA # | RT # | IS6 (PRY) AREA # | RT # |
|---|---|---|---|---|---|---|---|
| | 12 HOUR STD | 378244 | 17.5 | 462465 | 21.754 | 455207 | 25.009 |
| | UPPER LIMIT | 756488 | 18 | 924930 | 22.254 | 910414 | 25.509 |
| | LOWER LIMIT | 189122 | 17 | 231233 | 21.254 | 227604 | 24.509 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | PB170598BL | 299804 | 17.50 | 430208 | 21.75 | 423715 | 25.01 |
| 02 | PB170598BS | 367810 | 17.51 | 443295 | 21.75 | 396280 | 25.01 |
| 03 | NB-07-111725MS | 348676 | 17.51 | 336753 | 21.75 | 363160 | 25.02 |
| 04 | NB-07-111725MSD | 346793 | 17.51 | 343005 | 21.75 | 371739 | 25.02 |

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.: Q3483

Client ID : SSTDCCC040 Date Analyzed: 11/26/2025

Lab File ID: BP026190.D Time Analyzed: 14:04

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 | 263413 | 7.666 | 1101920 | 10.43 | 729934 | 14.29 |
| | UPPER LIMIT | 526826 | 8.166 | 2203840 | 10.925 | 1459870 | 14.789 |
| | LOWER LIMIT | 131707 | 7.166 | 550960 | 9.925 | 364967 | 13.789 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | HW1025-PT-BNA-SOIL | 262012 | 7.66 | 1065580 | 10.43 | 680012 | 14.30 |
| 02 | HW1025-PT-BNA-SOILDL | 290064 | 7.66 | 1229870 | 10.42 | 837371 | 14.29 |

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.: Q3483

Client ID: SSTDCCC040 Date Analyzed: 11/26/2025

Lab File ID: BP026190.D Time Analyzed: 14:04

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 | 1501840 | 17.095 | 1698650 | 21.554 | 1917740 | 24.854 |
| | UPPER LIMIT | 3003680 | 17.595 | 3397300 | 22.054 | 3835480 | 25.354 |
| | LOWER LIMIT | 750920 | 16.595 | 849325 | 21.054 | 958870 | 24.354 |
| | EPA SAMPLE NO. | | | | | | |
| 01 | HW1025-PT-BNA-SOIL | 1380490 | 17.10 | 1439550 | 21.55 | 1659680 | 24.85 |
| 02 | HW1025-PT-BNA-SOILDL | 1750810 | 17.10 | 1874140 | 21.55 | 2122340 | 24.85 |

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

Raw Data: **BP026192.D**

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 10/27/25 |
| Project: | NJ Soil PT | Date Received: | 10/29/25 |
| Client Sample ID: | HW1025-PT-BNA-SOIL | SDG No.: | Q3483 |
| Lab Sample ID: | Q3483-11 | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 100 |
| Sample Wt/Vol: | 29.85 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 62-75-9 | n-Nitrosodimethylamine | 33.7 | U | 1 | 33.7 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 110-86-1 | Pyridine | 39.4 | U | 1 | 39.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 100-52-7 | Benzaldehyde | 160 | U | 1 | 160 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 62-53-3 | Aniline | 49.9 | U | 1 | 49.9 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 108-95-2 | Phenol | 1100 | | 1 | 22.2 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 111-44-4 | bis(2-Chloroethyl)ether | 5300 | E | 1 | 24.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 95-57-8 | 2-Chlorophenol | 24.5 | U | 1 | 24.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 95-50-1 | 1,2-Dichlorobenzene | 2000 | | 1 | 19.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 541-73-1 | 1,3-Dichlorobenzene | 4700 | E | 1 | 17.8 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 106-46-7 | 1,4-Dichlorobenzene | 3300 | E | 1 | 18.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 100-51-6 | Benzyl Alcohol | 48.7 | U | 1 | 48.7 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 95-48-7 | 2-Methylphenol | 30.1 | U | 1 | 30.1 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 37.7 | U | 1 | 37.7 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 98-86-2 | Acetophenone | 29.6 | U | 1 | 29.6 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 65794-96-9 | 3+4-Methylphenols | 41.3 | U | 1 | 41.3 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 5400 | E | 1 | 47.6 | 80.4 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 67-72-1 | Hexachloroethane | 1800 | | 1 | 17.7 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 98-95-3 | Nitrobenzene | 18.4 | U | 1 | 18.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 78-59-1 | Isophorone | 1900 | | 1 | 33.0 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 88-75-5 | 2-Nitrophenol | 58.5 | U | 1 | 58.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 105-67-9 | 2,4-Dimethylphenol | 65.1 | U | 1 | 65.1 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 31.0 | U | 1 | 31.0 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 120-83-2 | 2,4-Dichlorophenol | 28.4 | U | 1 | 28.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 4300 | E | 1 | 22.7 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 65-85-0 | Benzoic acid | 190 | U | 1 | 190 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 91-20-3 | Naphthalene | 3800 | E | 1 | 22.8 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 106-47-8 | 4-Chloroaniline | 35.6 | U | 1 | 35.6 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 87-68-3 | Hexachlorobutadiene | 4900 | E | 1 | 25.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 105-60-2 | Caprolactam | 52.4 | U | 1 | 52.4 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 59-50-7 | 4-Chloro-3-methylphenol | 2700 | | 1 | 28.8 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 91-57-6 | 2-Methylnaphthalene | 4500 | E | 1 | 25.7 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 77-47-4 | Hexachlorocyclopentadiene | 120 | U | 1 | 120 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 88-06-2 | 2,4,6-Trichlorophenol | 4500 | E | 1 | 19.9 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 95-95-4 | 2,4,5-Trichlorophenol | 4700 | E | 1 | 29.2 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 92-52-4 | 1,1-Biphenyl | 21.9 | U | 1 | 21.9 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 91-58-7 | 2-Chloronaphthalene | 22.6 | U | 1 | 22.6 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 88-74-4 | 2-Nitroaniline | 48.3 | U | 1 | 48.3 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 131-11-3 | Dimethylphthalate | 4500 | E | 1 | 27.2 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 208-96-8 | Acenaphthylene | 2300 | | 1 | 29.0 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 606-20-2 | 2,6-Dinitrotoluene | 33.8 | U | 1 | 33.8 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 99-09-2 | 3-Nitroaniline | 46.2 | U | 1 | 46.2 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 83-32-9 | Acenaphthene | 3400 | E | 1 | 21.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |

Raw Data: **BP026192.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 10/27/25 |
| Project: | NJ Soil PT | Date Received: | 10/29/25 |
| Client Sample ID: | HW1025-PT-BNA-SOIL | SDG No.: | Q3483 |
| Lab Sample ID: | Q3483-11 | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 100 |
| Sample Wt/Vol: | 29.85 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 51-28-5 | 2,4-Dinitrophenol | 230 | U | 1 | 230 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 100-02-7 | 4-Nitrophenol | 3600 | E | 1 | 110 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 132-64-9 | Dibenzofuran | 3100 | E | 1 | 22.8 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 121-14-2 | 2,4-Dinitrotoluene | 3100 | E | 1 | 50.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 84-66-2 | Diethylphthalate | 5300 | E | 1 | 28.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 26.8 | U | 1 | 26.8 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 86-73-7 | Fluorene | 5000 | E | 1 | 25.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 100-01-6 | 4-Nitroaniline | 64.5 | U | 1 | 64.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 100 | U | 1 | 100 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 86-30-6 | n-Nitrosodiphenylamine | 33.1 | U | 1 | 33.1 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 103-33-3 | Azobenzene | 29.3 | U | 1 | 29.3 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 101-55-3 | 4-Bromophenyl-phenylether | 27.9 | U | 1 | 27.9 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 118-74-1 | Hexachlorobenzene | 3800 | E | 1 | 25.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 1912-24-9 | Atrazine | 34.2 | U | 1 | 34.2 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 87-86-5 | Pentachlorophenol | 3900 | E | 1 | 51.6 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 85-01-8 | Phenanthrene | 21.0 | U | 1 | 21.0 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 120-12-7 | Anthracene | 2400 | | 1 | 33.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 86-74-8 | Carbazole | 1400 | | 1 | 31.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 84-74-2 | Di-n-butylphthalate | 48.1 | U | 1 | 48.1 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 206-44-0 | Fluoranthene | 30.2 | U | 1 | 30.2 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 92-87-5 | Benzidine | 150 | U | 1 | 150 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 129-00-0 | Pyrene | 36.2 | U | 1 | 36.2 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 85-68-7 | Butylbenzylphthalate | 2700 | E | 1 | 71.8 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 91-94-1 | 3,3-Dichlorobenzidine | 36.9 | U | 1 | 36.9 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 56-55-3 | Benzo(a)anthracene | 2900 | E | 1 | 23.1 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 218-01-9 | Chrysene | 1400 | | 1 | 20.0 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 59.5 | U | 1 | 59.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 117-84-0 | Di-n-octyl phthalate | 4700 | E | 1 | 87.2 | 330 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 205-99-2 | Benzo(b)fluoranthene | 1700 | | 1 | 19.1 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 207-08-9 | Benzo(k)fluoranthene | 3300 | E | 1 | 22.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 50-32-8 | Benzo(a)pyrene | 3200 | E | 1 | 29.6 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 29.2 | U | 1 | 29.2 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 53-70-3 | Dibenzo(a,h)anthracene | 27.5 | U | 1 | 27.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 191-24-2 | Benzo(g,h,i)perylene | 25.8 | U | 1 | 25.8 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 25.7 | U | 1 | 25.7 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 123-91-1 | 1,4-Dioxane | 45.4 | U | 1 | 45.4 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 3700 | E | 1 | 27.5 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| 90-12-0 | 1-Methylnaphthalene | 25.9 | U | 1 | 25.9 | 170 | ug/Kg | 11/26/25 15:48 | PB170598 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 82.0 | | | 10 - 105 | 55% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 86.4 | | | 10 - 103 | 58% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 57.2 | | | 10 - 108 | 57% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 68.2 | | | 10 - 108 | 68% | SPK: 100 | | |

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | 10/27/25 |
| Project: | NJ Soil PT | | | Date Received: | 10/29/25 |
| Client Sample ID: | HW1025-PT-BNA-SOIL | | | SDG No.: | Q3483 |
| Lab Sample ID: | Q3483-11 | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 29.85 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol | 128 | | | 10 - 116 | 85% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 87.7 | | | 10 - 109 | 88% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 262000 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 1070000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 680000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1380000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 1440000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 1660000 | | | | | | | |

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\BP112725\
Data File : BP026192.D
Acq On : 26 Nov 2025 15:48
Operator : RC/JU
Sample : Q3483-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Quant Time: Nov 26 16:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.661 | 152 | 262012 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.425 | 136 | 1065583 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.296 | 164 | 680012 | 20.000 | ng | -0.03 |
| 64) Phenanthrene-d10 | 17.095 | 188 | 1380494 | 20.000 | ng | -0.04 |
| 76) Chrysene-d12 | 21.548 | 240 | 1439545 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 24.848 | 264 | 1659681 | 20.000 | ng | -0.06 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.284 | 112 | 1338639 | 82.005 | ng | 0.00 |
| 7) Phenol-d6 | 6.843 | 99 | 1794648 | 86.358 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.796 | 82 | 1072185 | 57.154 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.807 | 330 | 1126409 | 127.690 | ng | -0.03 |
| 45) 2-Fluorobiphenyl | 12.901 | 172 | 3164515 | 68.203 | ng | -0.03 |
| 79) Terphenyl-d14 | 19.836 | 244 | 6189061 | 87.665 | ng | -0.04 |
| Target Compounds | | | | | | Qvalue |
| 10) Phenol | 6.867 | 94 | 731120 | 32.658 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.096 | 93 | 2749597 | 156.861 | ng | 96 |
| 12) 1,3-Dichlorobenzene | 7.555 | 146 | 2788782 | 139.313 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.696 | 146 | 2014778 | 99.883 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.008 | 146 | 1176569 | 60.743 | ng | 99 |
| 18) Hexachloroethane | 8.731 | 117 | 387135 | 52.747 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.461 | 70 | 2072572 | 160.536 | ng | 98 |
| 25) Isophorone | 9.366 | 82 | 2137347 | 57.471 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.290 | 180 | 2275838 | 129.148 | ng | 99 |
| 31) Naphthalene | 10.472 | 128 | 6541666 | 113.592 | ng | 99 |
| 34) Hexachlorobutadiene | 10.766 | 225 | 1676388 | 146.270 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 11.707 | 107 | 1470302 | 79.938 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.090 | 142 | 5535790 | 135.592 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.701 | 196 | 1889585 | 134.047 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.772 | 196 | 2221068 | 141.154 | ng | 99 |
| 49) Acenaphthylene | 14.007 | 152 | 4496164 | 67.697 | ng | 100 |
| 50) Dimethylphthalate | 13.743 | 163 | 6878641 | 135.434 | ng | 99 |
| 52) Acenaphthene | 14.354 | 154 | 3964602 | 101.860 | ng | 100 |
| 55) Dibenzofuran | 14.695 | 168 | 5638950 | 93.539 | ng | 99 |
| 56) 4-Nitrophenol | 14.513 | 139 | 1155473 | 107.792 | ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.660 | 165 | 1399230 | 93.116 | ng | 95 |
| 58) Fluorene | 15.360 | 166 | 7099767 | 149.000 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.931 | 232 | 1488896 | 111.537 | ng | 98 |
| 60) Diethylphthalate | 15.143 | 149 | 8152713 | 159.345 | ng | 98 |
| 68) Hexachlorobenzene | 16.384 | 284 | 2037914 | 114.874 | ng | 97 |
| 70) Pentachlorophenol | 16.737 | 266 | 1453830 | 117.152 | ng | 99 |
| 72) Anthracene | 17.237 | 178 | 5740990 | 72.379 | ng | 99 |
| 73) Carbazole | 17.513 | 167 | 3236298 | 42.959 | ng | 99 |
| 80) Butylbenzylphthalate | 20.578 | 149 | 3376596 | 81.232 | ng | 97 |
| 81) Benzo(a)anthracene | 21.530 | 228 | 8528177 | 86.260 | ng | 99 |
| 83) Chrysene | 21.595 | 228 | 4021397 | 43.160 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.766 | 149 | 15588556 | 141.679 | ng | 97 |
| 88) Benzo(b)fluoranthene | 23.807 | 252 | 5214320 | 51.590 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.883 | 252 | 10066652 | 99.717 | ng | 99 |
| 90) Benzo(a)pyrene | 24.701 | 252 | 9218090 | 96.284 | ng | 98 |

Sample Results: **BP026192.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026192.D
Acq On : 26 Nov 2025 15:48
Operator : RC/JU
Sample : Q3483-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Quant Time: Nov 26 16:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

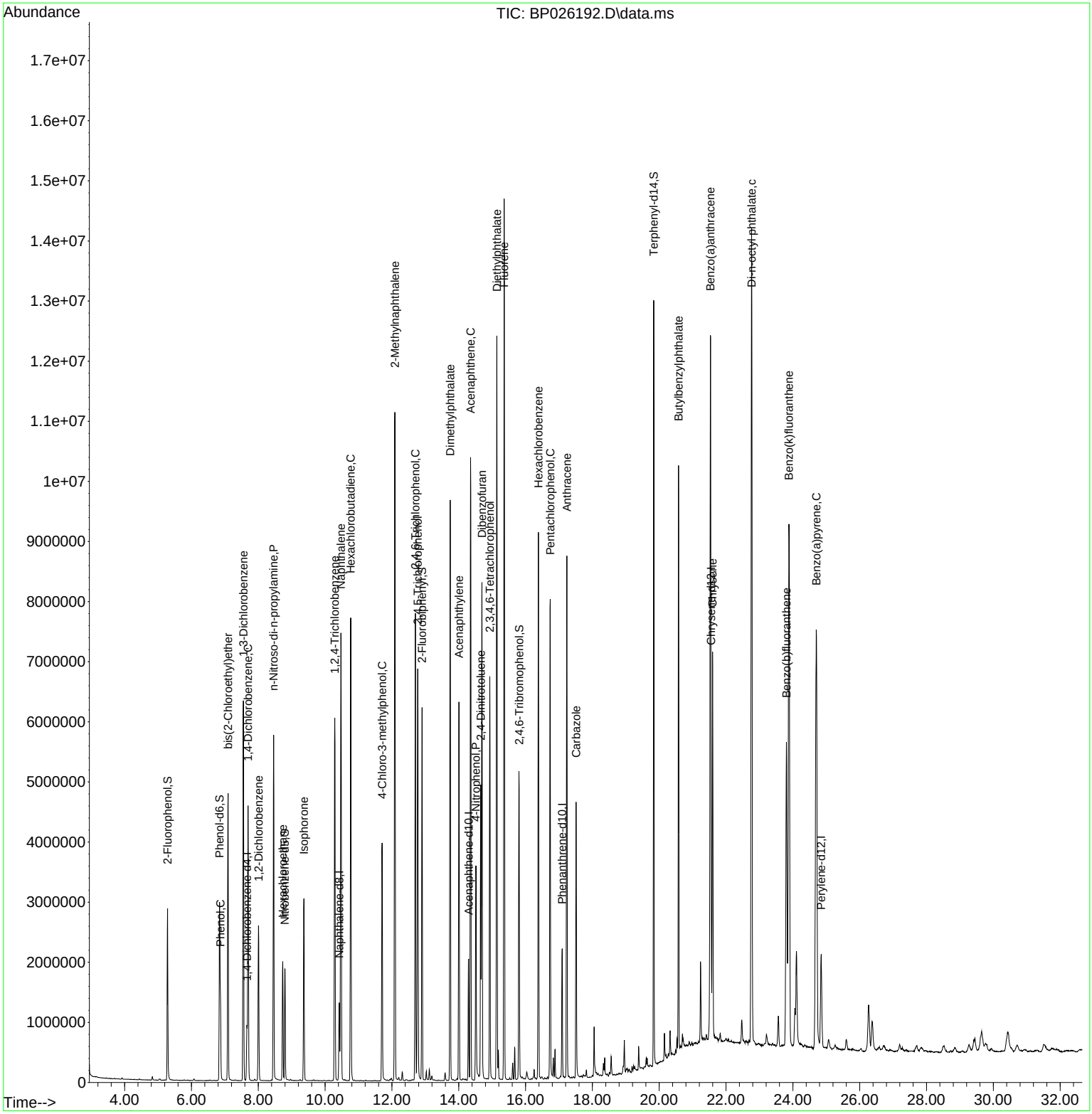
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

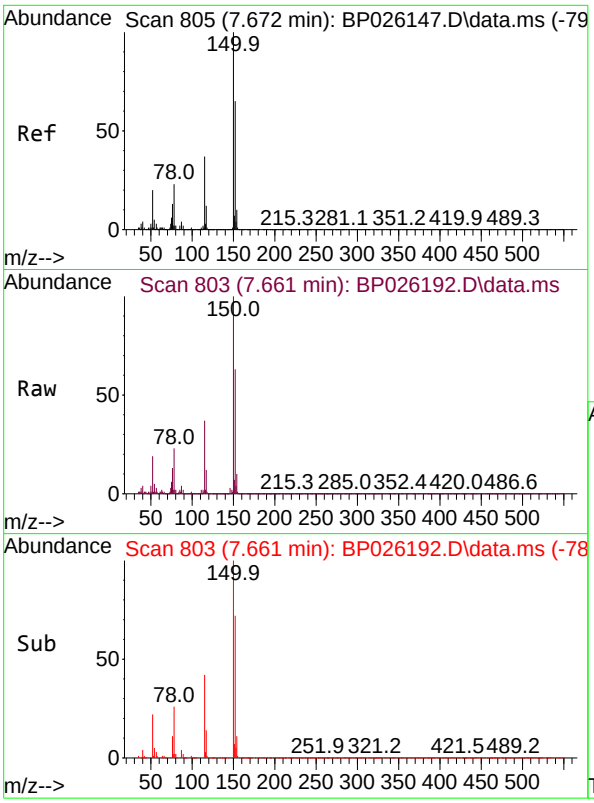
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026192.D
Acq On : 26 Nov 2025 15:48
Operator : RC/JU
Sample : Q3483-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Quant Time: Nov 26 16:09:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



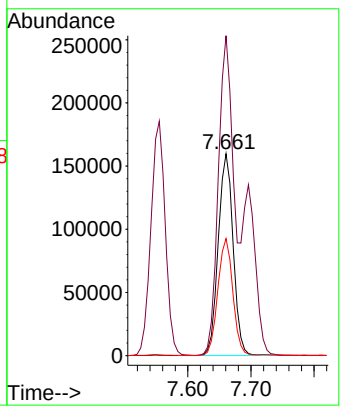


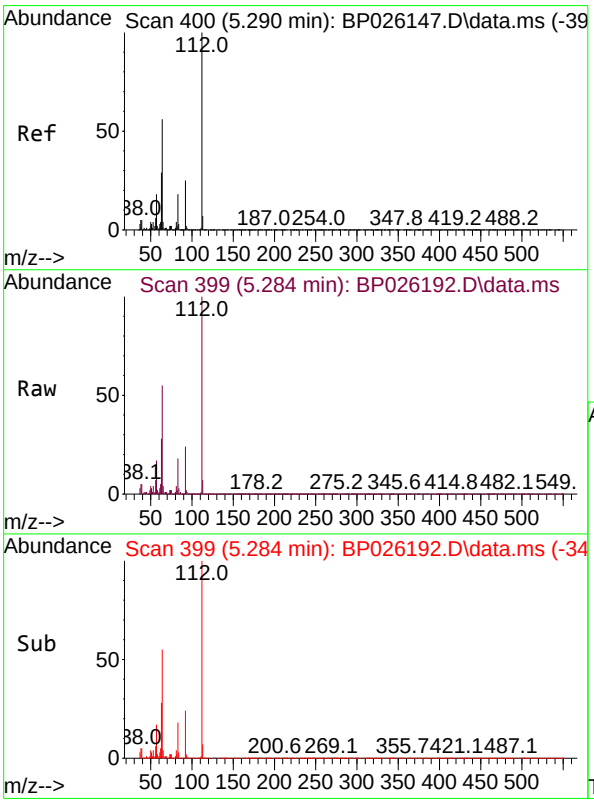

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:152 Resp: 262012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.5 | 123.0 | 184.6 |
| 115 | 58.0 | 46.3 | 69.5 |

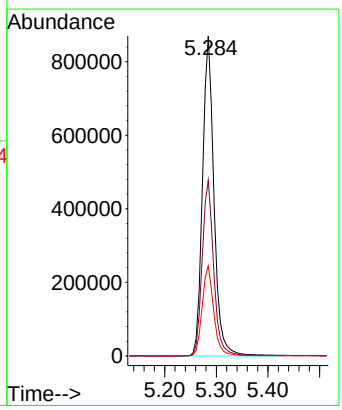


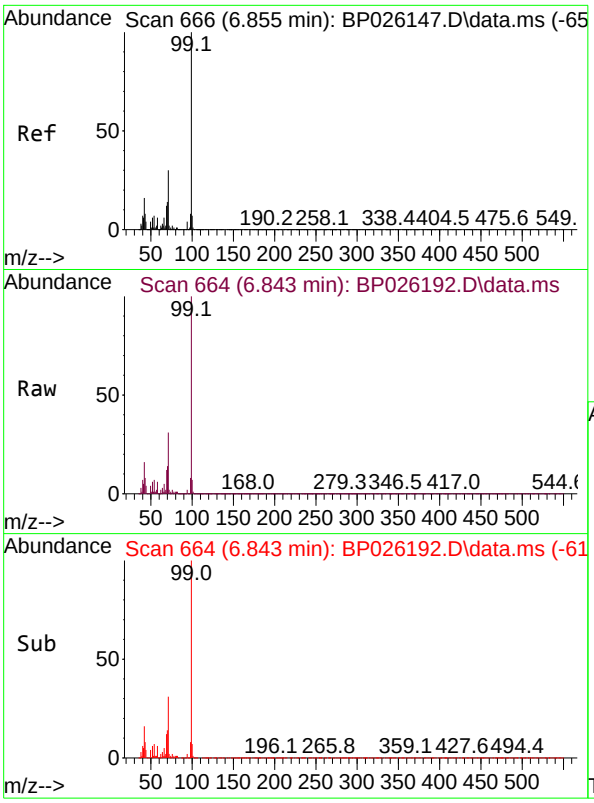




#5
2-Fluorophenol
Concen: 82.005 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:112 Resp: 1338639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.9 | 45.8 | 68.6 |
| 63 | 28.1 | 23.5 | 35.3 |



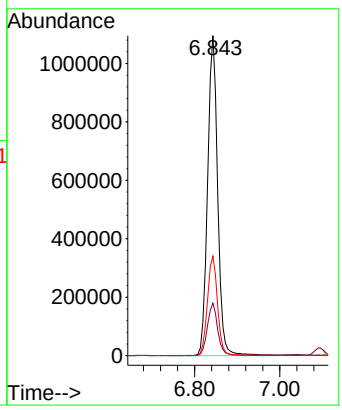


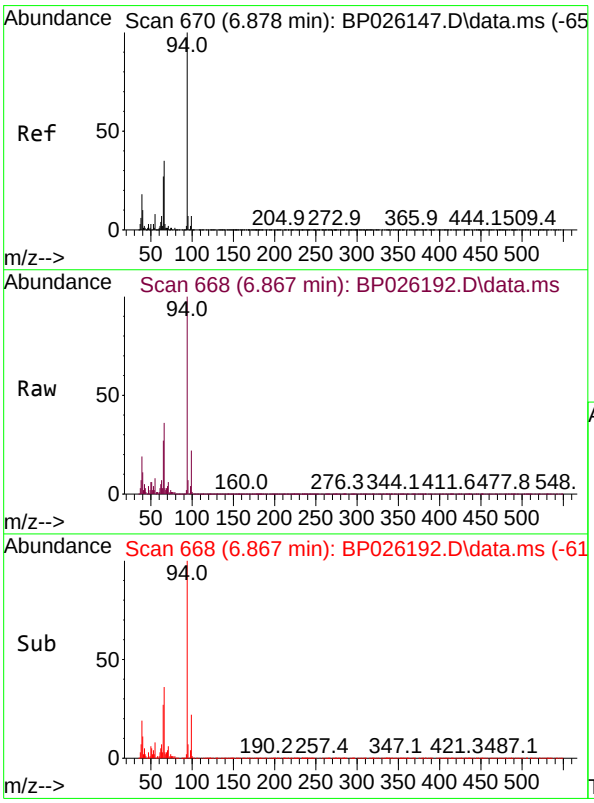

#7
Phenol-d6
Concen: 86.358 ng
RT: 6.843 min Scan# 6
Delta R.T. -0.011 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion: 99 Resp: 1794648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.4 | 12.9 | 19.3 |
| 71 | 31.1 | 24.8 | 37.2 |

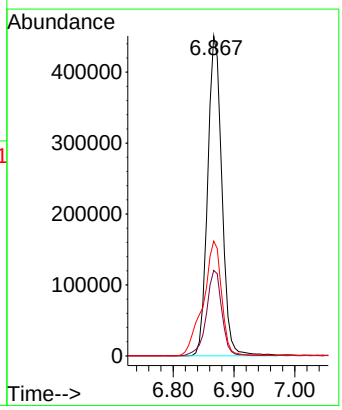


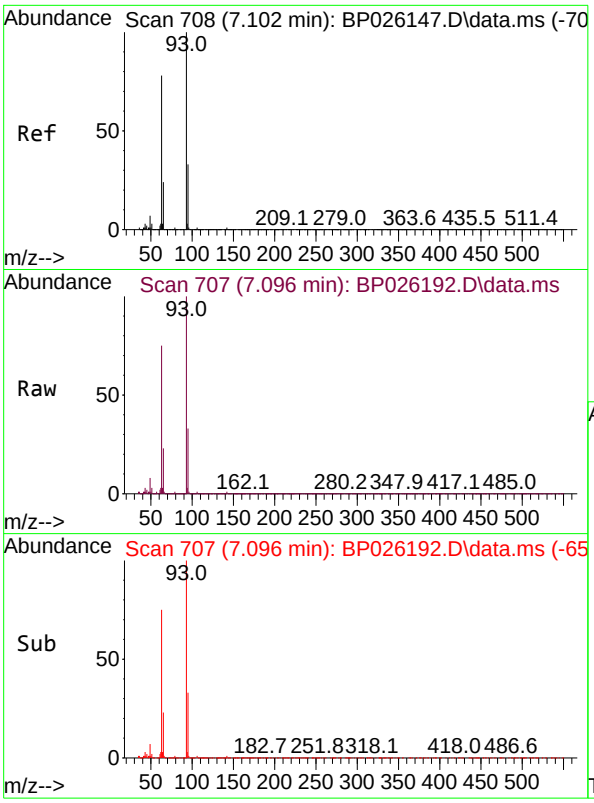




#10
Phenol
Concen: 32.658 ng
RT: 6.867 min Scan# 668
Delta R.T. -0.012 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion: 94 Resp: 731120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.7 | 7.0 | 47.0 |
| 66 | 35.9 | 14.5 | 54.5 |



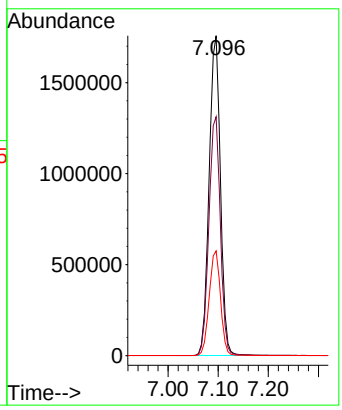


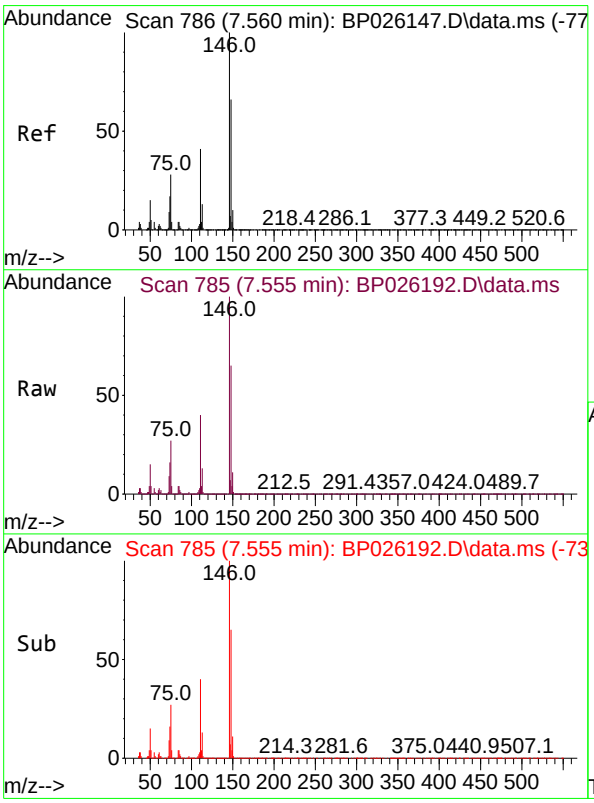

#11
bis(2-Chloroethyl)ether
Concen: 156.861 ng
RT: 7.096 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion: 93 Resp: 2749597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.6 | 58.8 | 98.8 |
| 95 | 32.7 | 12.1 | 52.1 |

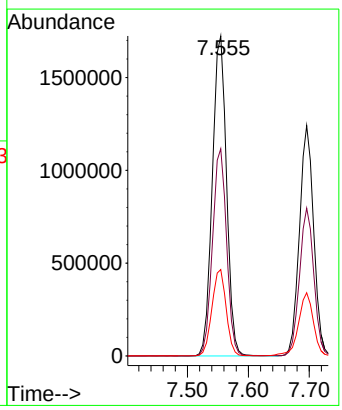


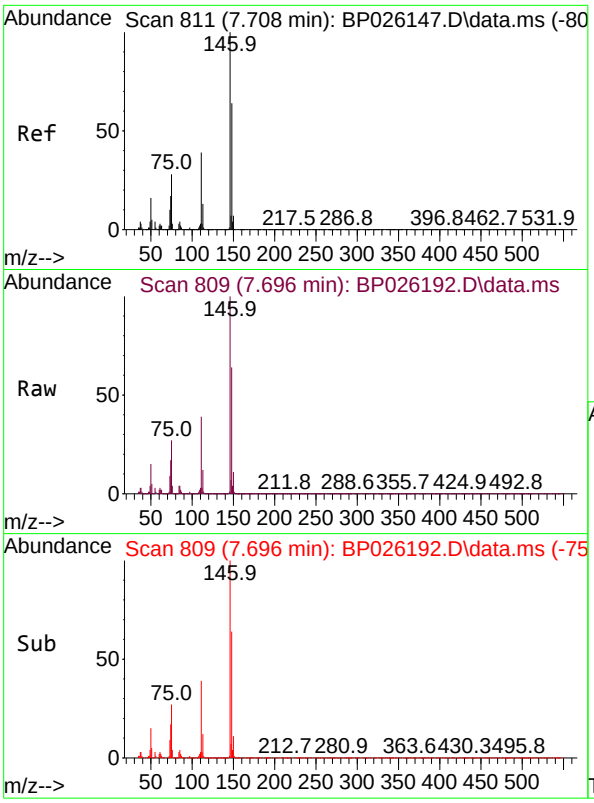




#12
1,3-Dichlorobenzene
Concen: 139.313 ng
RT: 7.555 min Scan# 785
Delta R.T. -0.011 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:146 Resp: 2788782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.8 | 77.8 |
| 75 | 27.0 | 22.2 | 33.2 |



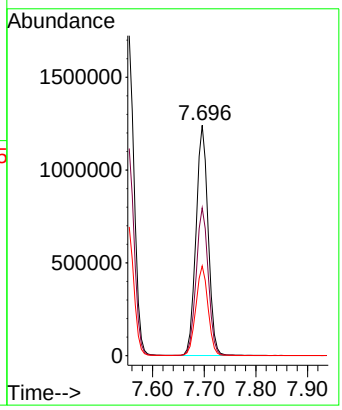


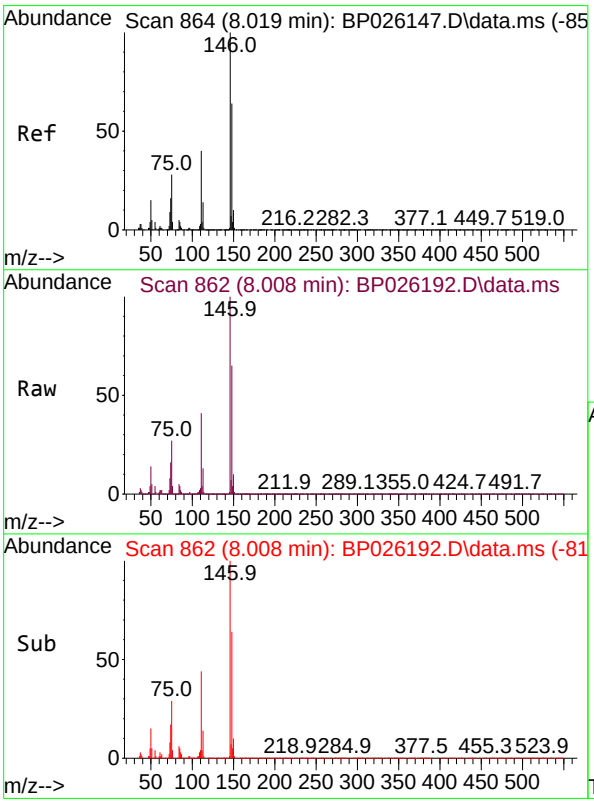

#13
1,4-Dichlorobenzene
Concen: 99.883 ng
RT: 7.696 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:146 Resp: 2014778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.4 | 77.2 |
| 111 | 38.9 | 31.7 | 47.5 |

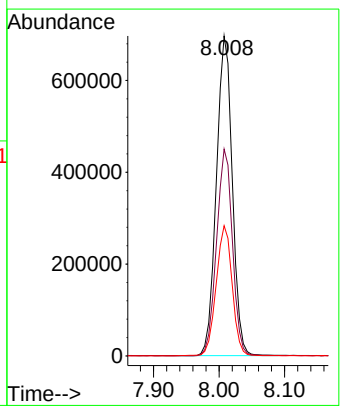


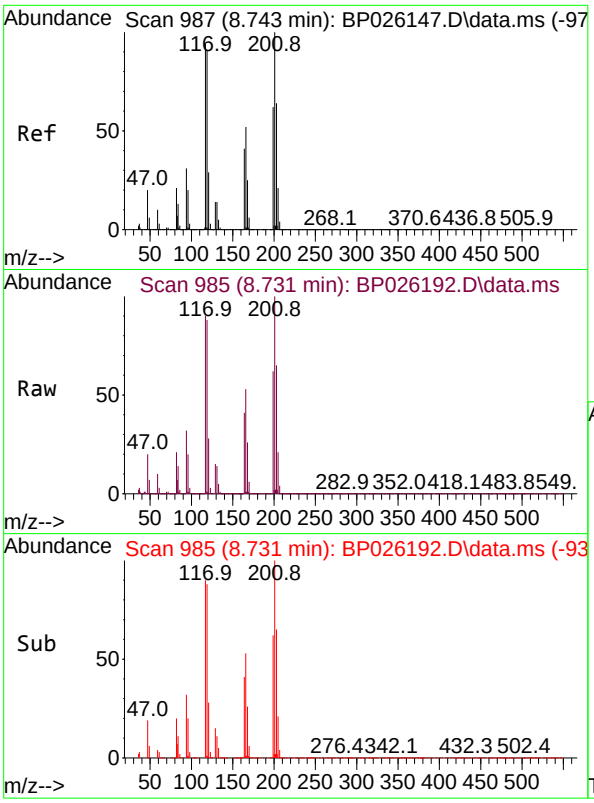




#14
1,2-Dichlorobenzene
Concen: 60.743 ng
RT: 8.008 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:146 Resp: 1176569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.0 | 76.6 |
| 111 | 40.7 | 33.0 | 49.4 |



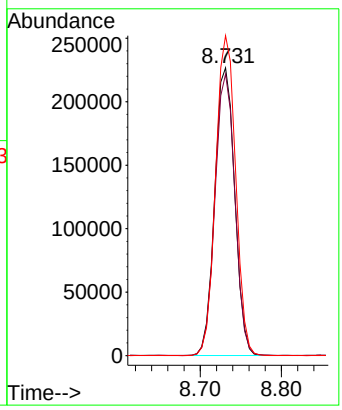


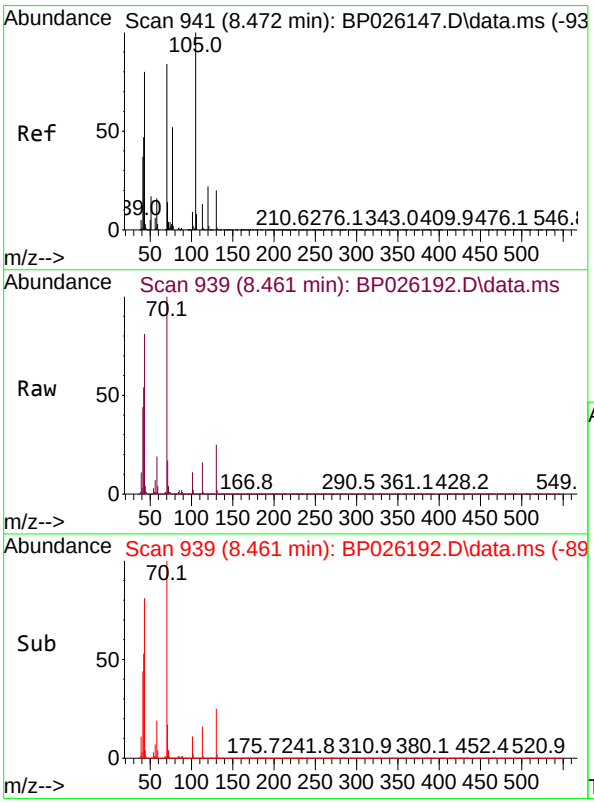

#18
Hexachloroethane
Concen: 52.747 ng
RT: 8.731 min Scan# 98
Delta R.T. -0.011 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:117 Resp: 387135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.9 | 78.7 | 118.1 |
| 201 | 111.2 | 85.1 | 127.7 |

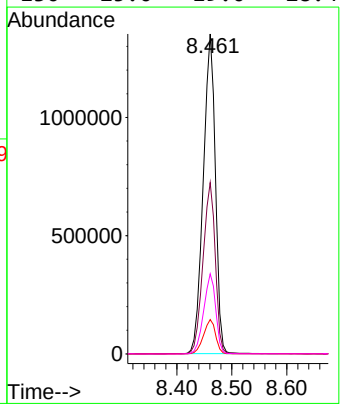


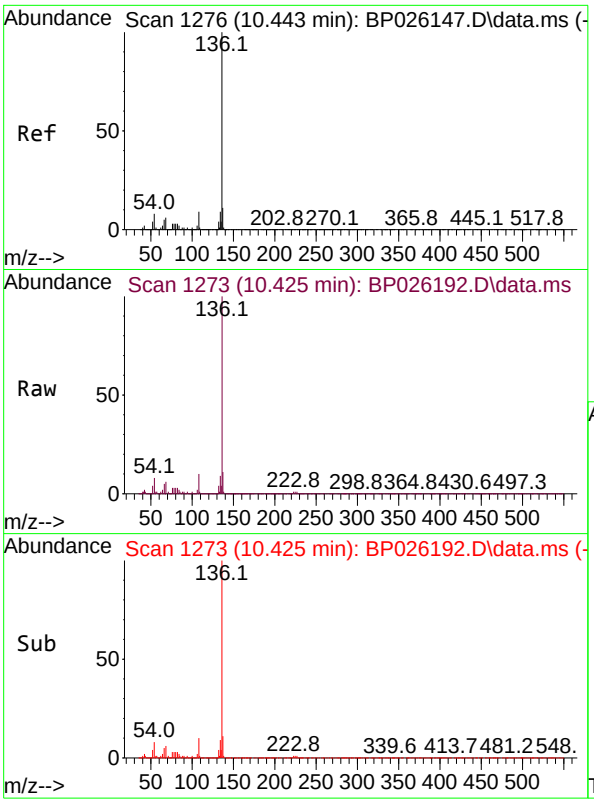




#19
n-Nitroso-di-n-propylamine
Concen: 160.536 ng
RT: 8.461 min Scan# 939
Delta R.T. -0.012 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion: 70 Resp: 2072572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.5 | 44.1 | 66.1 |
| 101 | 10.8 | 8.2 | 12.4 |
| 130 | 25.0 | 19.0 | 28.4 |



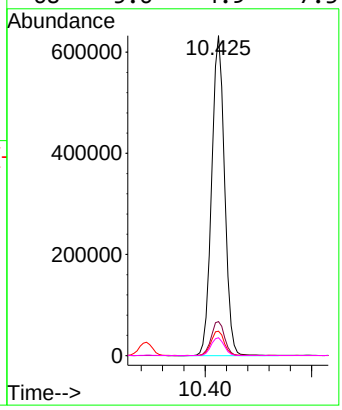


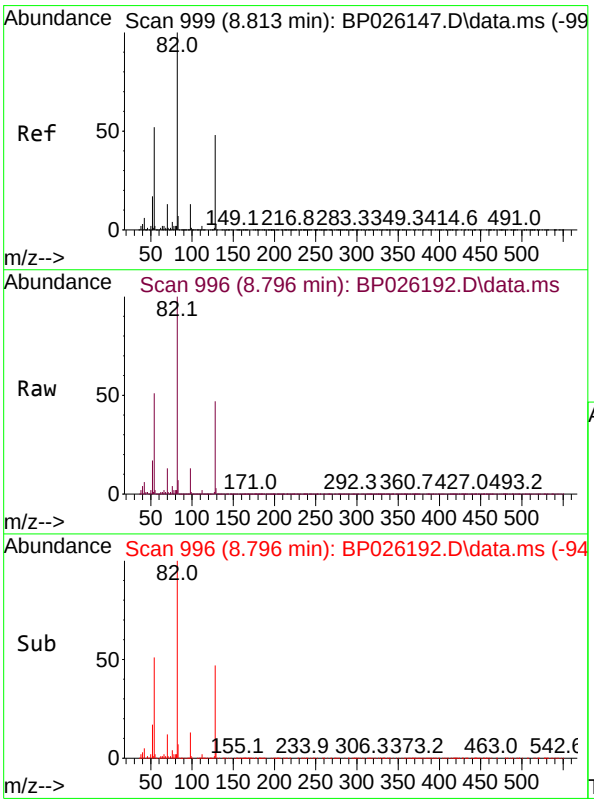

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:136 Resp: 1065583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.7 | 13.1 |
| 54 | 7.6 | 6.4 | 9.6 |
| 68 | 5.6 | 4.9 | 7.3 |

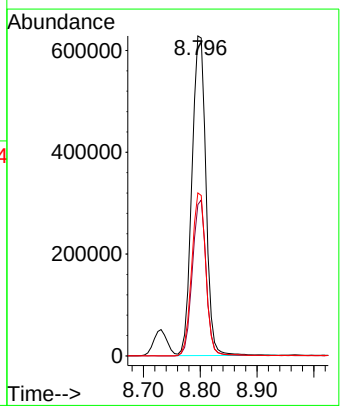


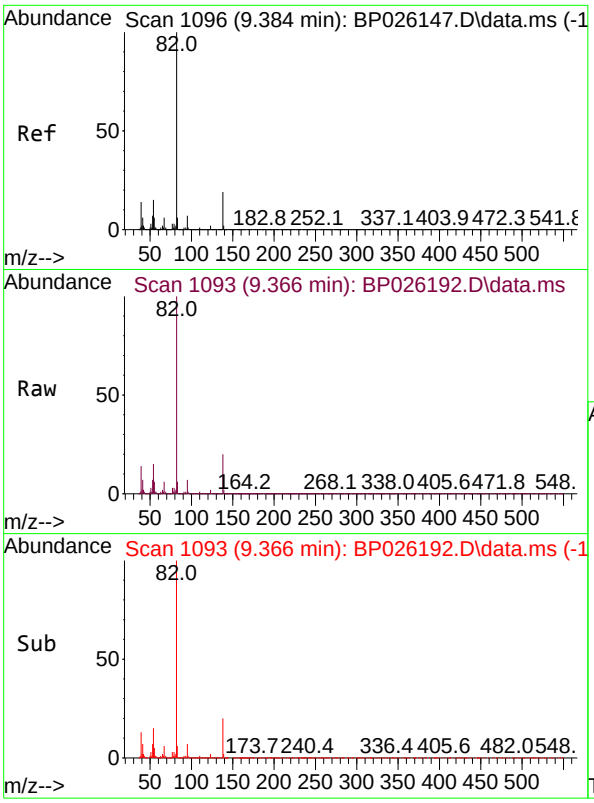




#23
Nitrobenzene-d5
Concen: 57.154 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.017 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion: 82 Resp: 1072185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.3 | 37.4 | 56.0 |
| 54 | 50.9 | 41.6 | 62.4 |



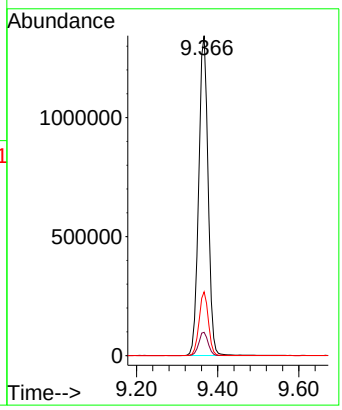


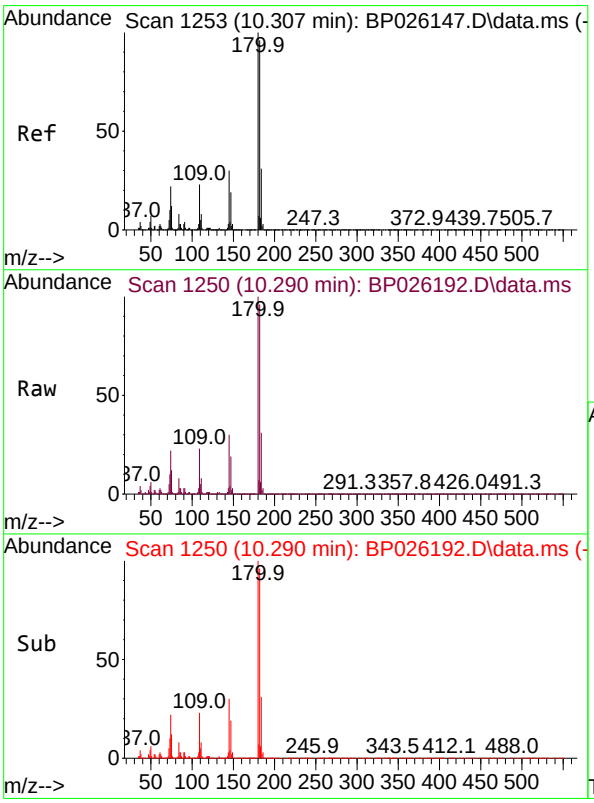

#25
Isophorone
Concen: 57.471 ng
RT: 9.366 min Scan# 10
Delta R.T. -0.017 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion: 82 Resp: 2137347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.4 | 8.0 |
| 138 | 19.9 | 15.4 | 23.0 |

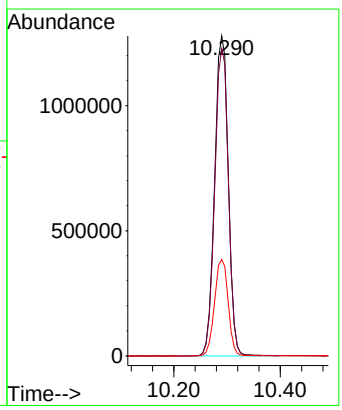


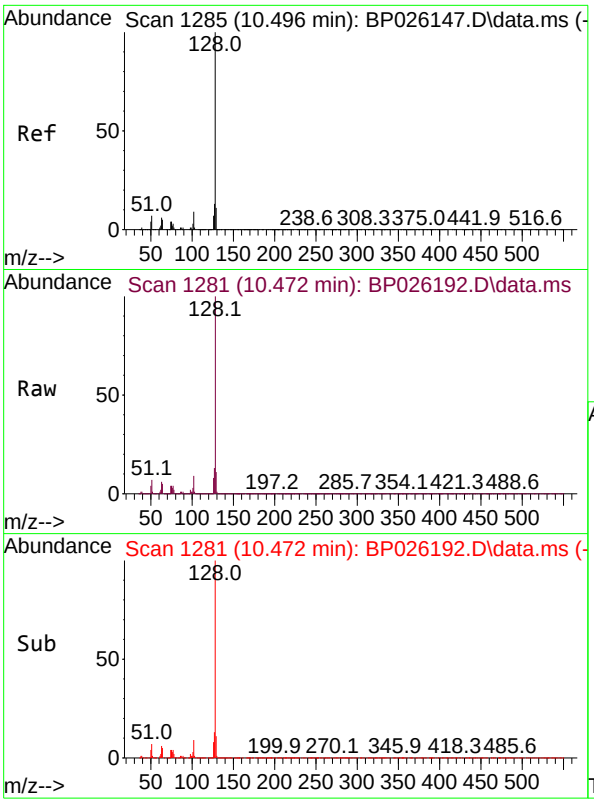




#30
1,2,4-Trichlorobenzene
Concen: 129.148 ng
RT: 10.290 min Scan# 1250
Delta R.T. -0.017 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:180 Resp: 2275838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 78.1 | 117.1 |
| 145 | 30.1 | 24.2 | 36.4 |



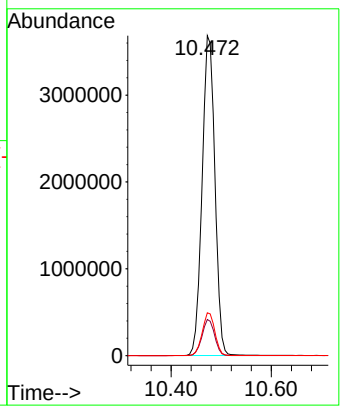


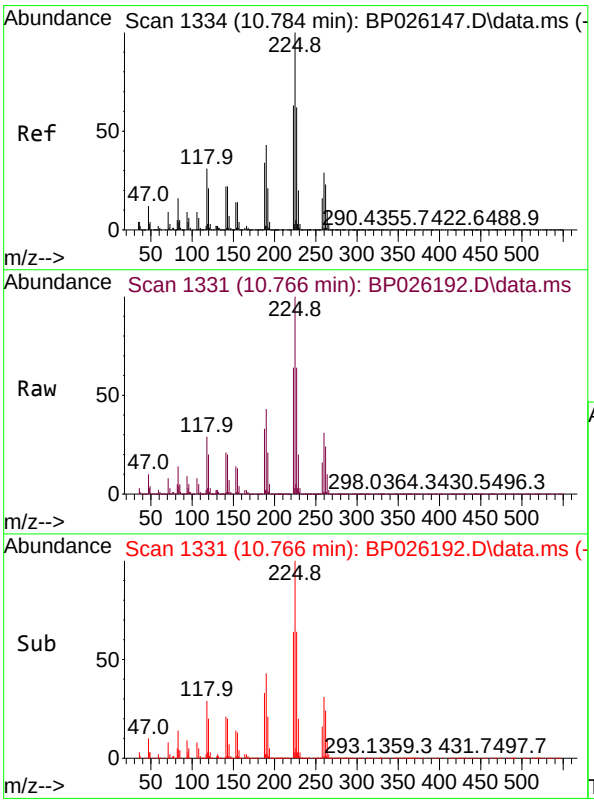

#31
Naphthalene
Concen: 113.592 ng
RT: 10.472 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:128 Resp: 6541666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.0 | 13.6 |
| 127 | 13.4 | 10.2 | 15.4 |

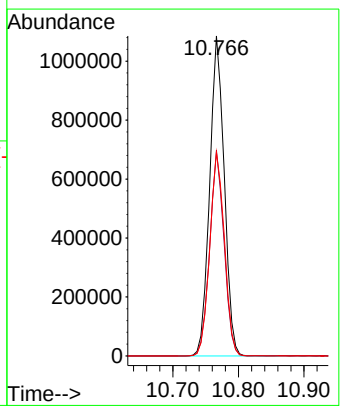


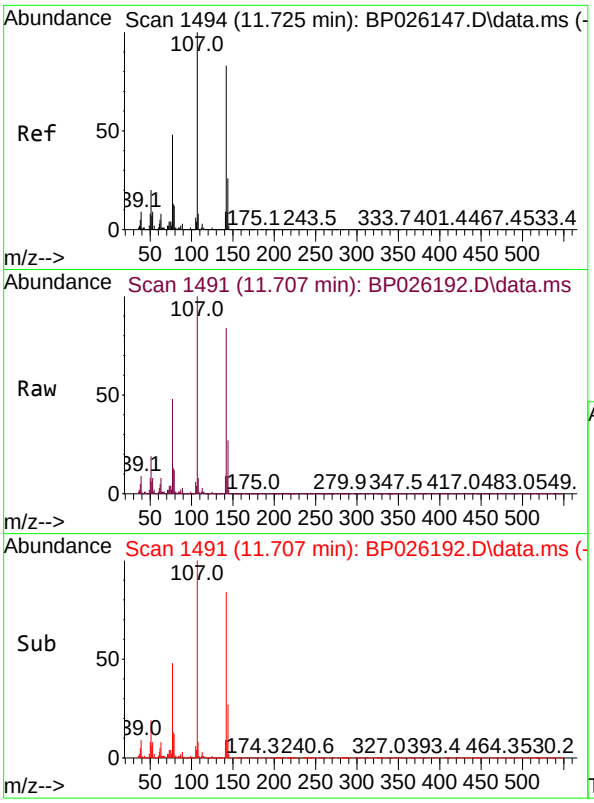




#34
Hexachlorobutadiene
Concen: 146.270 ng
RT: 10.766 min Scan# 1331
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:225 Resp: 1676388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.2 | 49.6 | 74.4 |
| 227 | 63.6 | 51.2 | 76.8 |



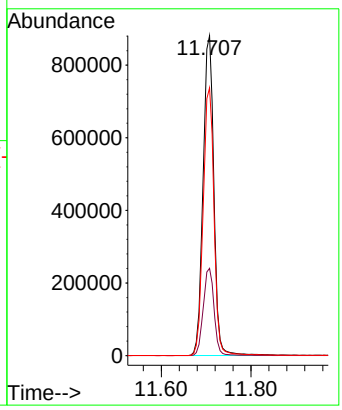


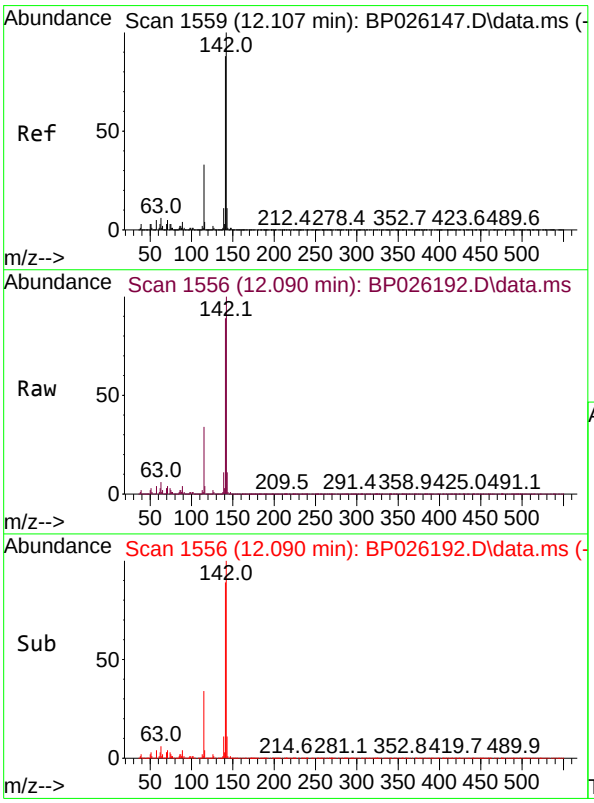

#36
4-Chloro-3-methylphenol
Concen: 79.938 ng
RT: 11.707 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:107 Resp: 1470302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.3 | 21.6 | 32.4 |
| 142 | 83.7 | 65.6 | 98.4 |

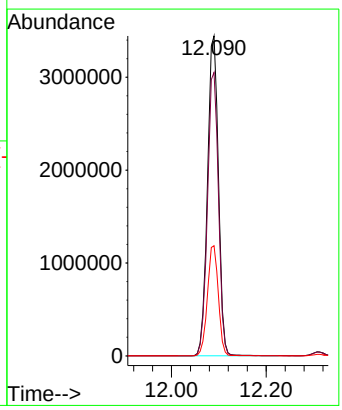


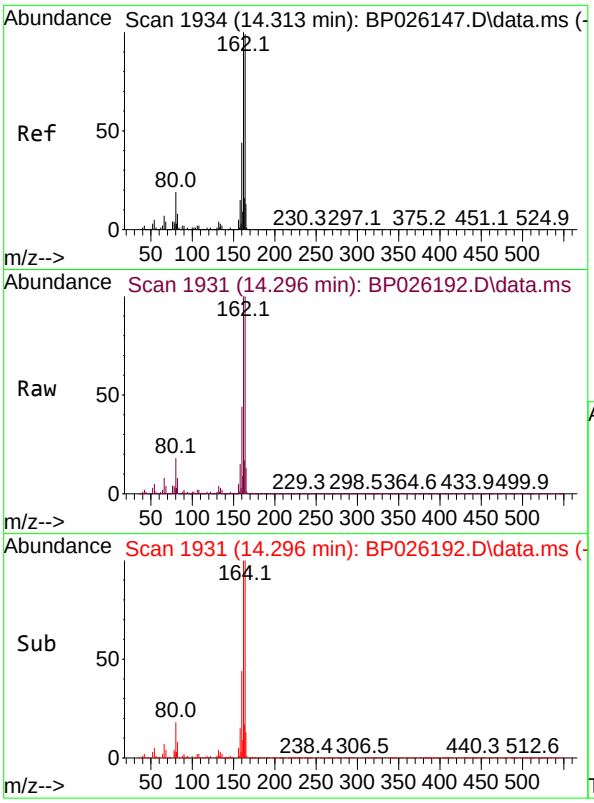




#37
2-Methylnaphthalene
Concen: 135.592 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.023 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:142 Resp: 5535790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 71.0 | 106.6 |
| 115 | 34.4 | 26.6 | 39.8 |



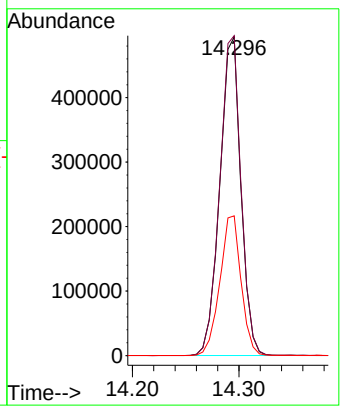


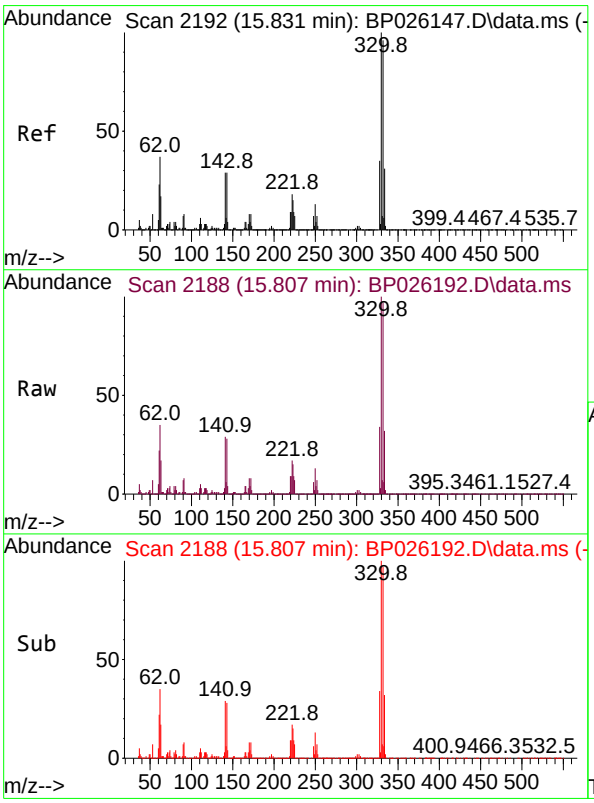

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.296 min Scan# 19
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:164 Resp: 680012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 80.3 | 120.5 |
| 160 | 43.9 | 35.2 | 52.8 |

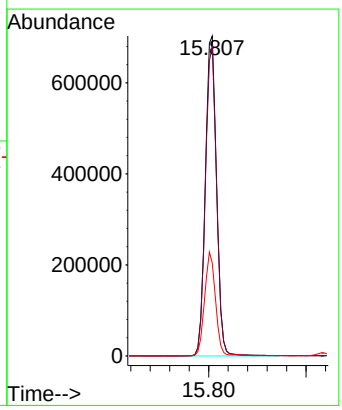


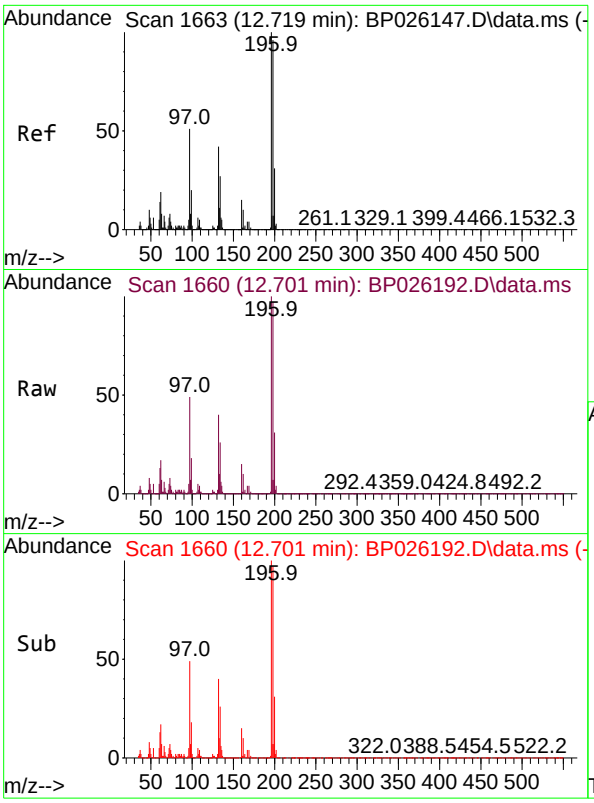




#42
2,4,6-Tribromophenol
Concen: 127.690 ng
RT: 15.807 min Scan# 2188
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:330 Resp: 1126409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 78.0 | 117.0 |
| 141 | 31.7 | 26.8 | 40.2 |



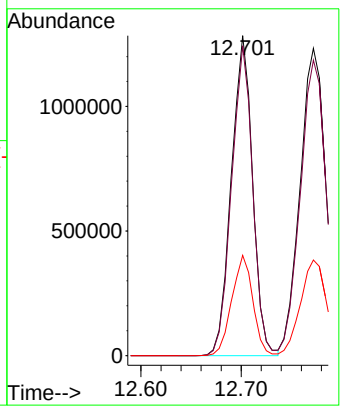


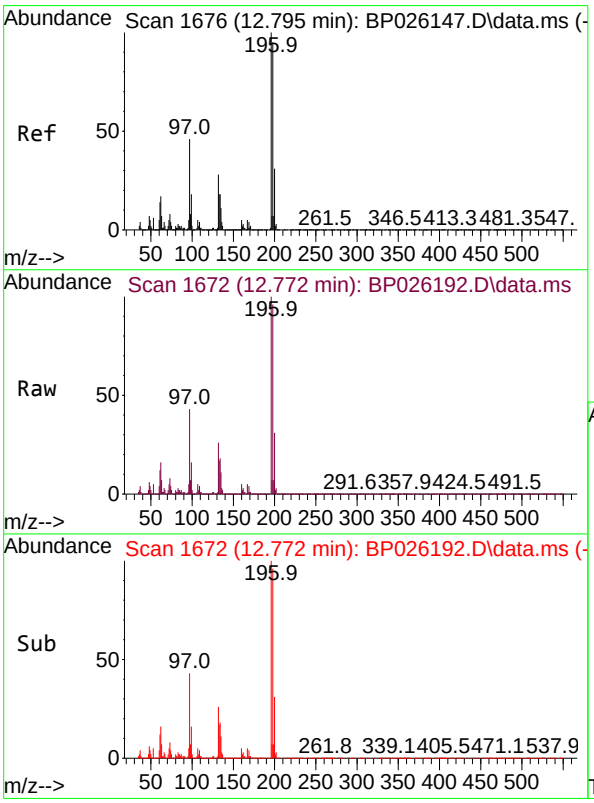

#43
2,4,6-Trichlorophenol
Concen: 134.047 ng
RT: 12.701 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:196 Resp: 1889585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.8 | 76.9 | 115.3 |
| 200 | 31.3 | 24.6 | 37.0 |

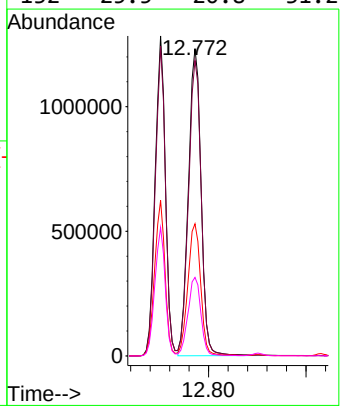


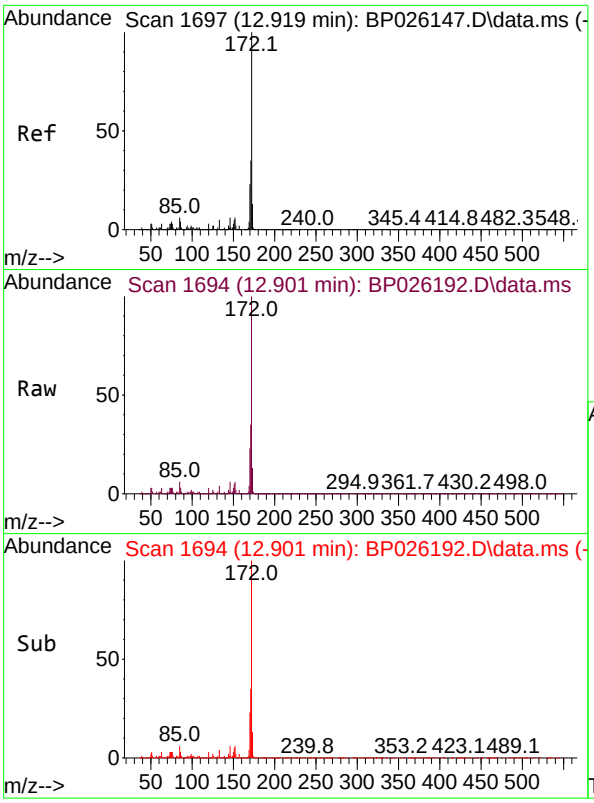




#44
2,4,5-Trichlorophenol
Concen: 141.154 ng
RT: 12.772 min Scan# 1672
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:196 Resp: 2221068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 76.4 | 114.6 |
| 97 | 43.0 | 35.7 | 53.5 |
| 132 | 25.5 | 20.8 | 31.2 |



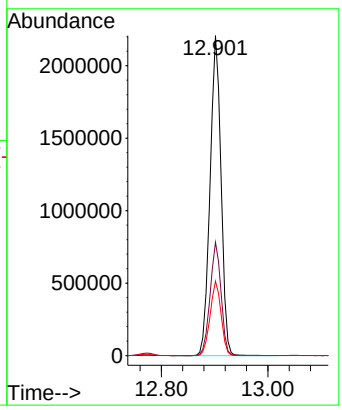


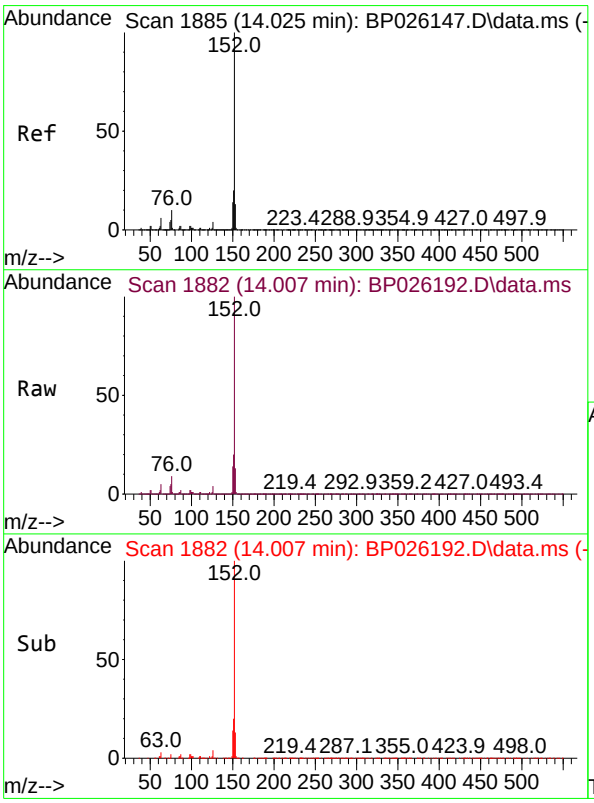

#45
2-Fluorobiphenyl
Concen: 68.203 ng
RT: 12.901 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:172 Resp: 3164515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.2 | 42.4 |
| 170 | 23.3 | 18.7 | 28.1 |

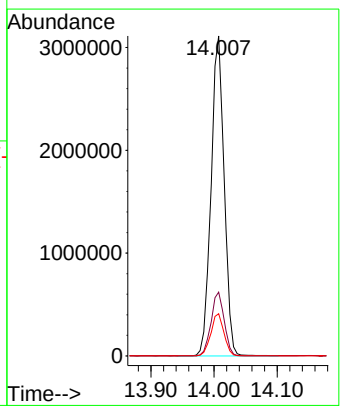


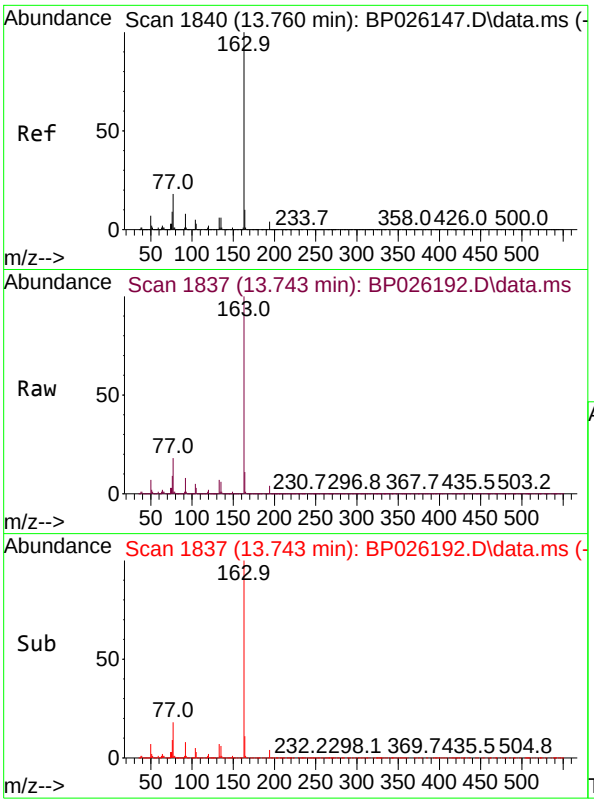




#49
Acenaphthylene
Concen: 67.697 ng
RT: 14.007 min Scan# 1882
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:152 Resp: 4496164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |



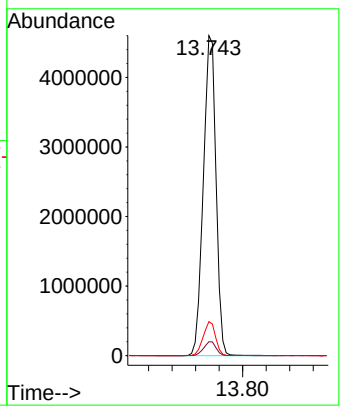


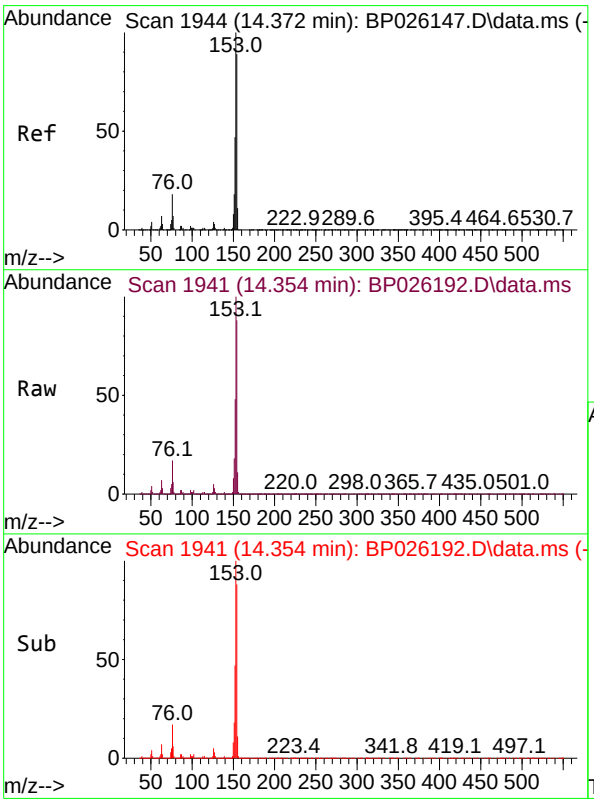

#50
Dimethylphthalate
Concen: 135.434 ng
RT: 13.743 min Scan# 18
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:163 Resp: 6878641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.6 | 8.2 | 12.2 |

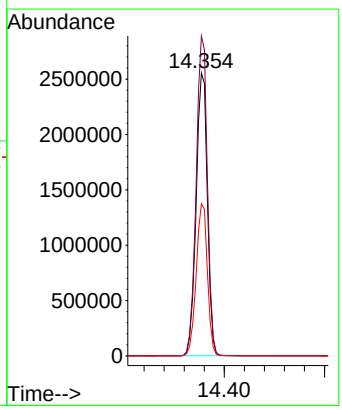


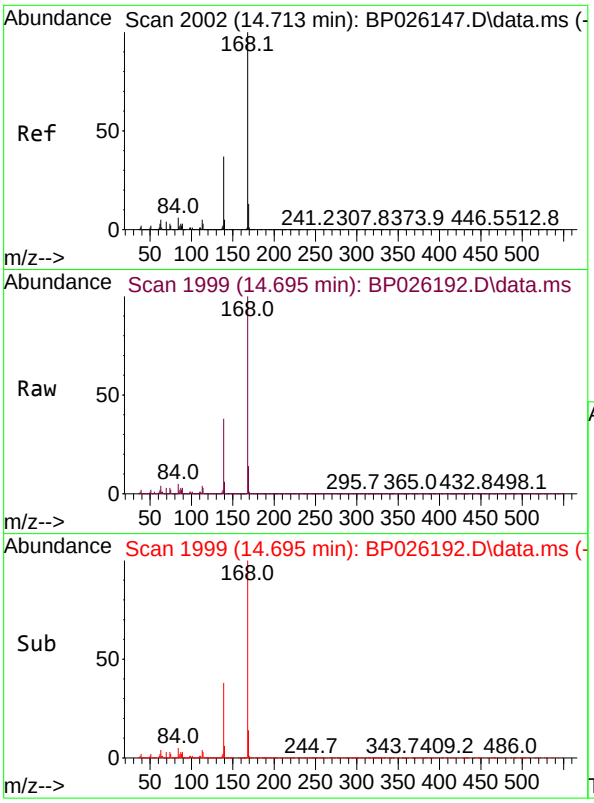




#52
Acenaphthene
Concen: 101.860 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:154 Resp: 3964602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.1 | 90.7 | 136.1 |
| 152 | 53.7 | 42.8 | 64.2 |



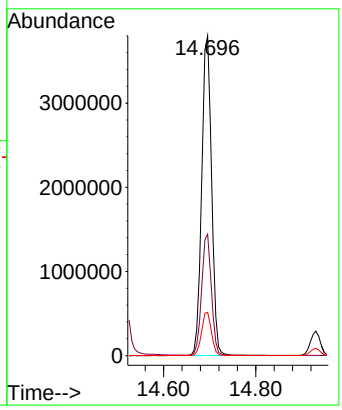


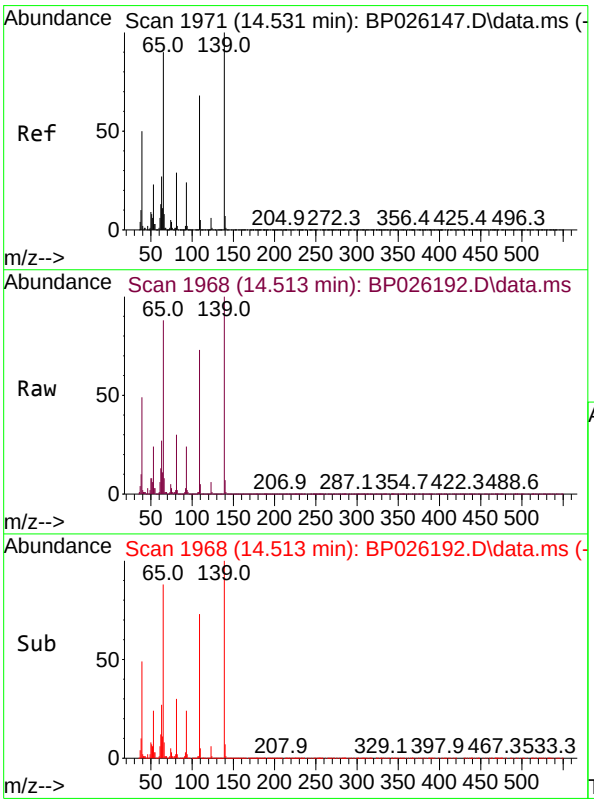

#55
Dibenzofuran
Concen: 93.539 ng
RT: 14.695 min Scan# 19
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:168 Resp: 5638950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.0 | 29.8 | 44.6 |
| 169 | 13.5 | 10.9 | 16.3 |

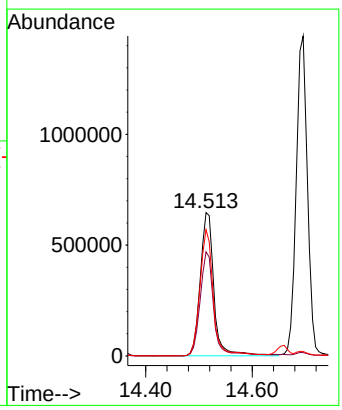


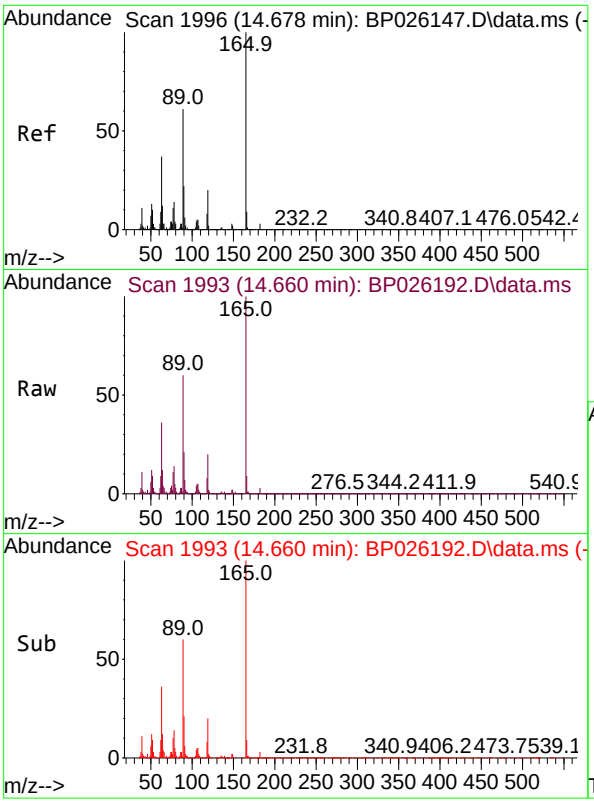




#56
4-Nitrophenol
Concen: 107.792 ng
RT: 14.513 min Scan# 1968
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:139 Resp: 1155473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 72.6 | 46.8 | 86.8 |
| 65 | 88.1 | 69.3 | 109.3 |



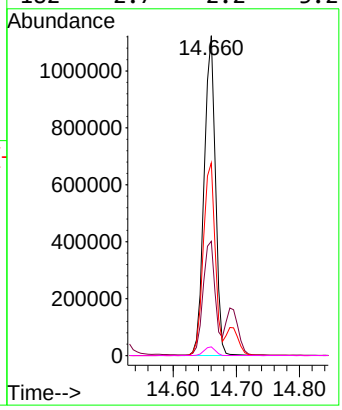


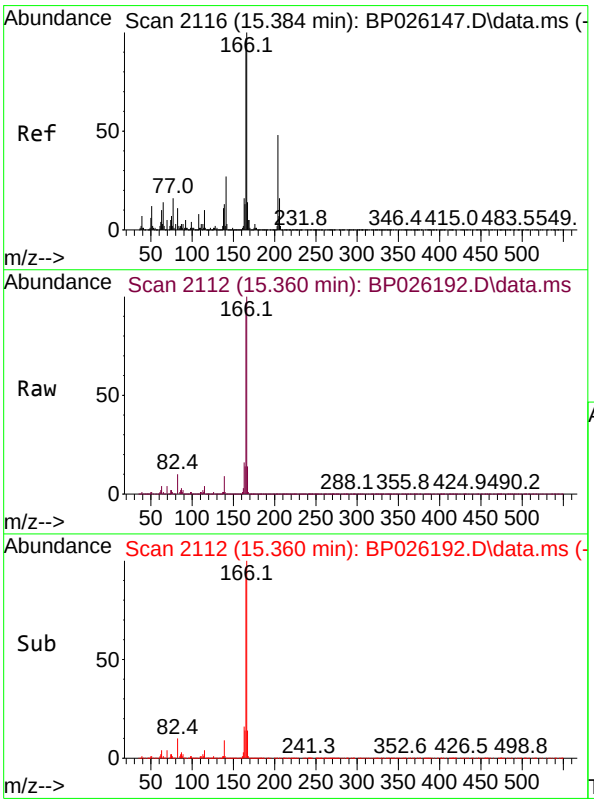

#57
2,4-Dinitrotoluene
Concen: 93.116 ng
RT: 14.660 min Scan# 19
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:165 Resp: 1399230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.7 | 31.0 | 46.6 |
| 89 | 60.2 | 51.7 | 77.5 |
| 182 | 2.7 | 2.2 | 3.2 |

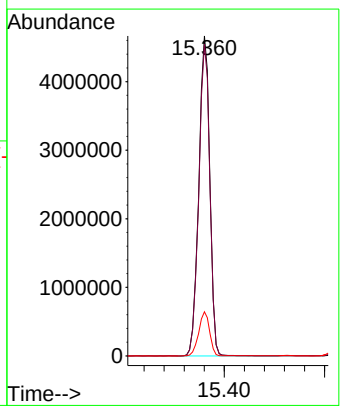


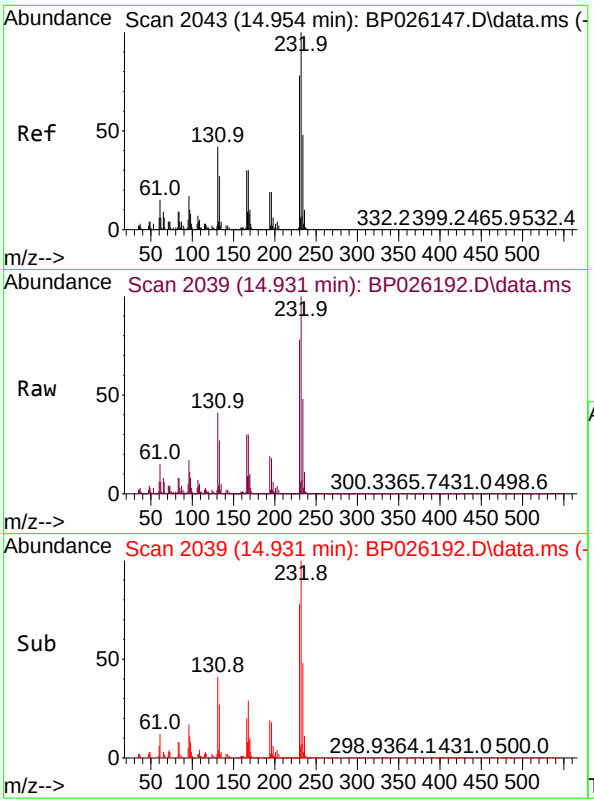




#58
Fluorene
Concen: 149.000 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:166 Resp: 7099767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.4 | 77.9 | 116.9 |
| 167 | 13.8 | 11.0 | 16.4 |



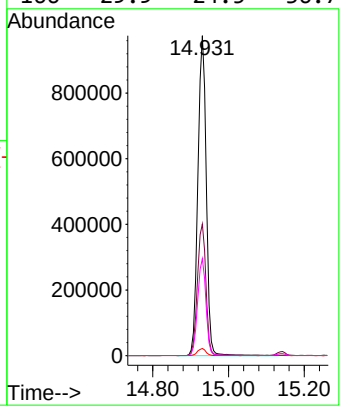


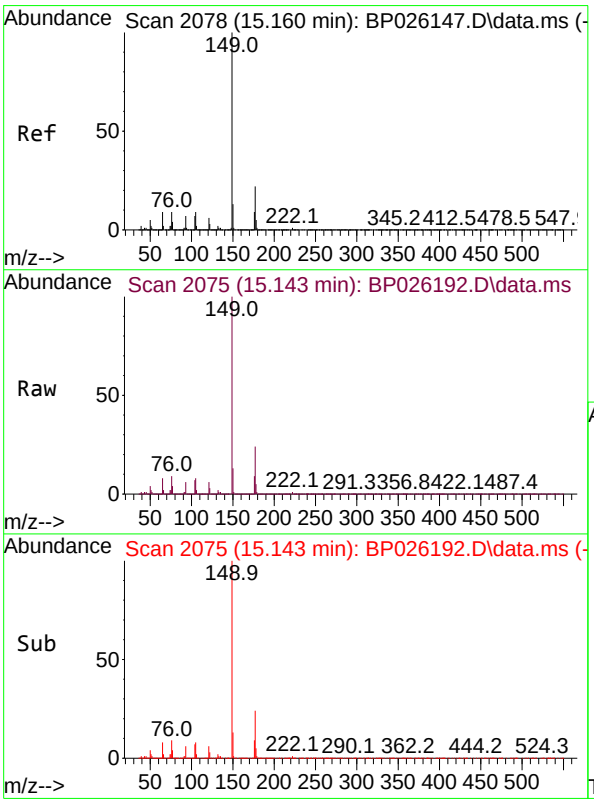

#59
2,3,4,6-Tetrachlorophenol
Concen: 111.537 ng
RT: 14.931 min Scan# 20
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:232 Resp: 1488896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.7 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 29.9 | 24.5 | 36.7 |

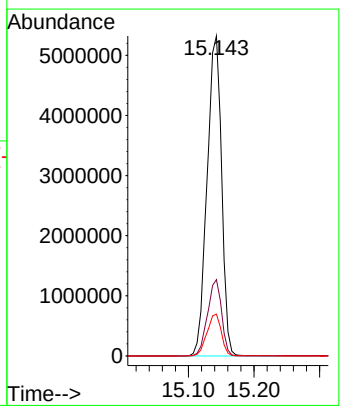


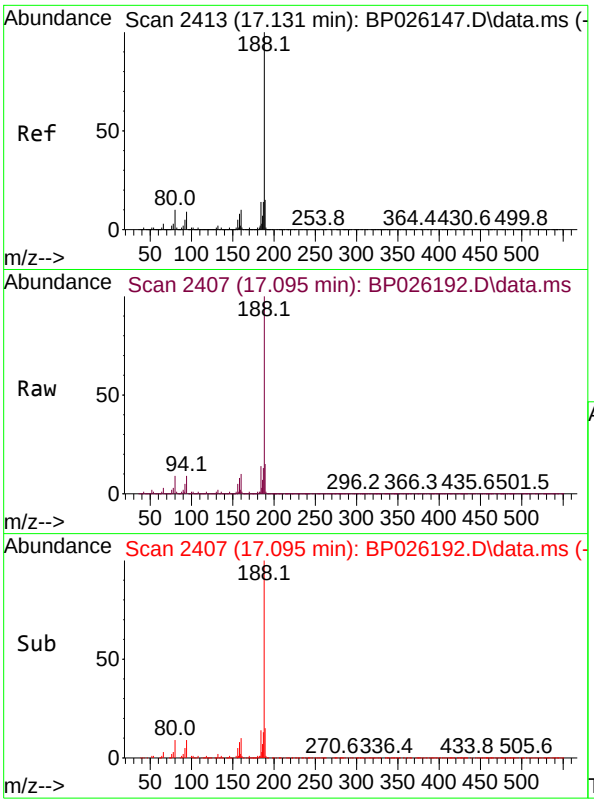




#60
Diethylphthalate
Concen: 159.345 ng
RT: 15.143 min Scan# 2075
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:149 Resp: 8152713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.8 | 17.9 | 26.9 |
| 150 | 13.0 | 9.9 | 14.9 |



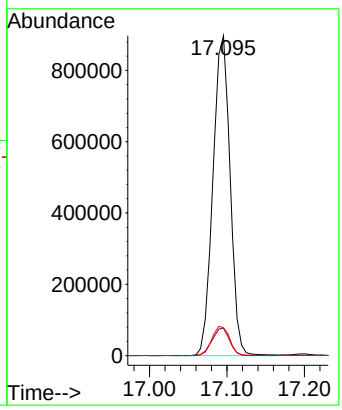


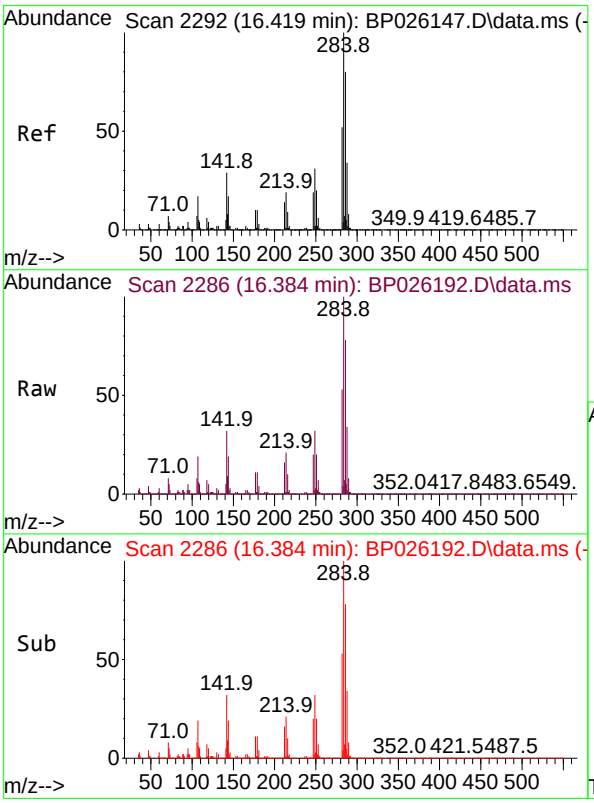

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 24
Delta R.T. -0.035 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:188 Resp: 1380494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 7.8 | 11.6 |
| 80 | 8.7 | 8.2 | 12.2 |

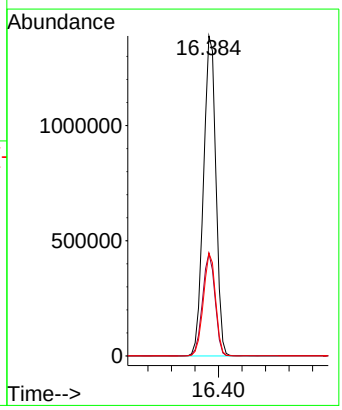


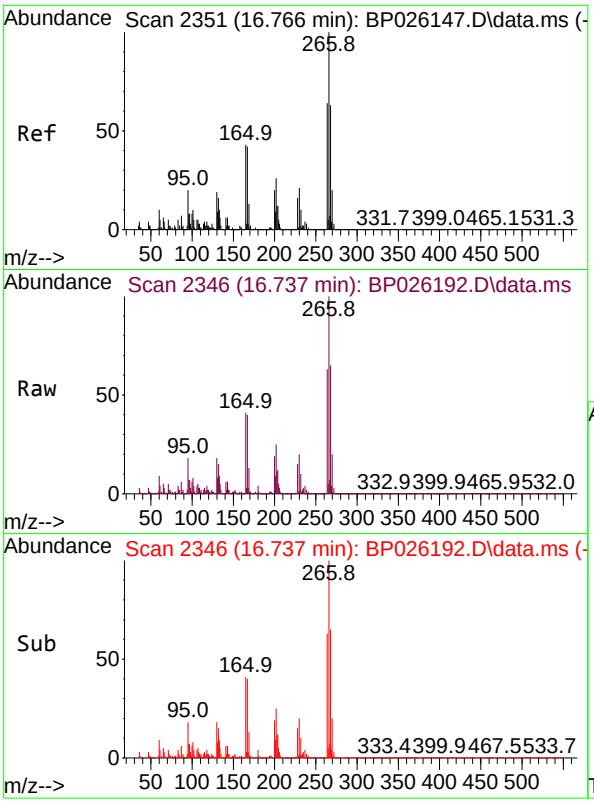




#68
Hexachlorobenzene
Concen: 114.874 ng
RT: 16.384 min Scan# 2286
Delta R.T. -0.041 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:284 Resp: 2037914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.1 | 28.0 | 42.0 |
| 249 | 32.1 | 25.0 | 37.4 |



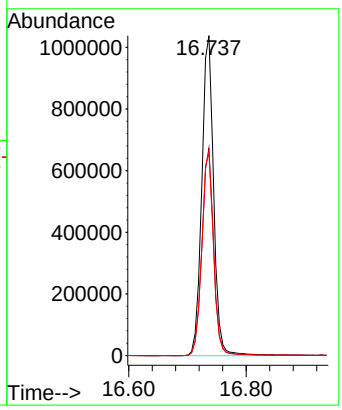


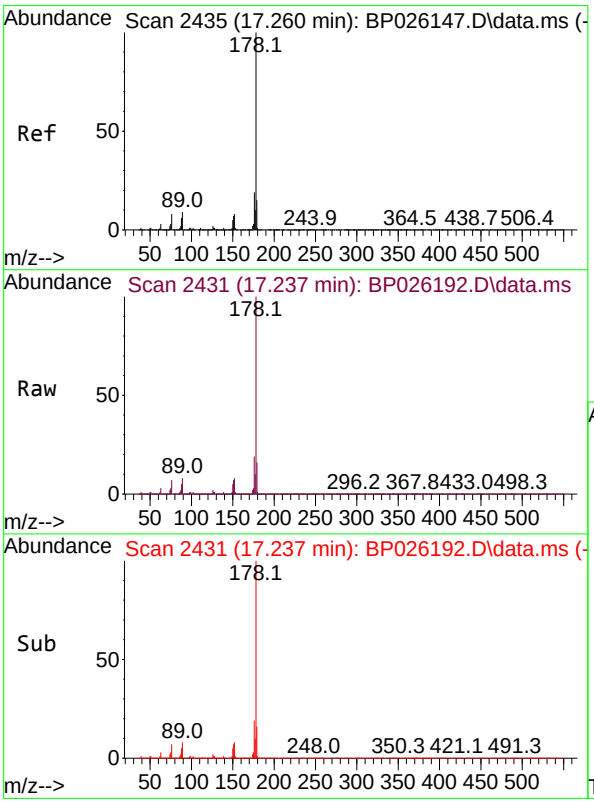

#70
Pentachlorophenol
Concen: 117.152 ng
RT: 16.737 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:266 Resp: 1453830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.8 | 51.0 | 76.4 |
| 264 | 63.4 | 50.2 | 75.2 |

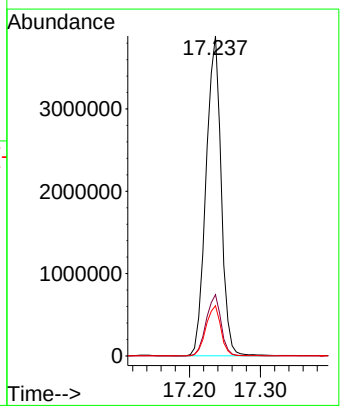


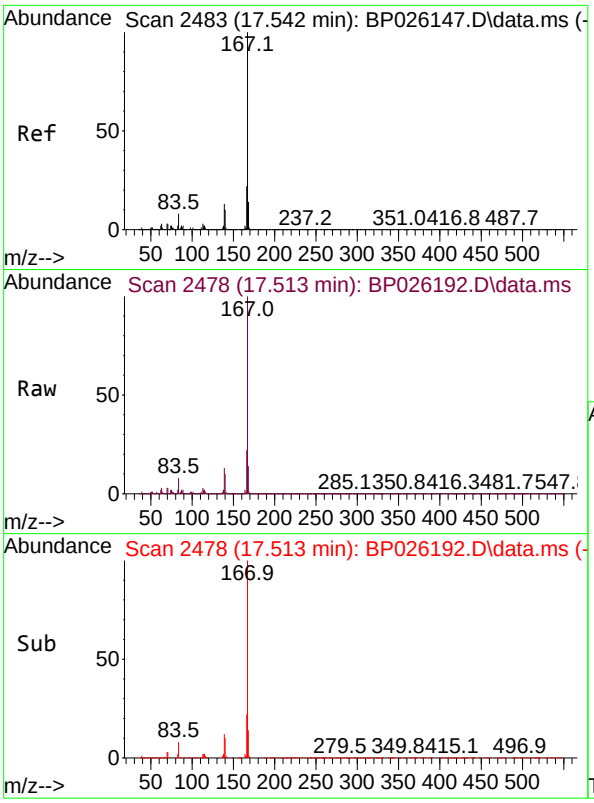




#72
Anthracene
Concen: 72.379 ng
RT: 17.237 min Scan# 2431
Delta R.T. -0.035 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:178 Resp: 5740990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 14.8 | 22.2 |
| 179 | 15.7 | 12.2 | 18.4 |



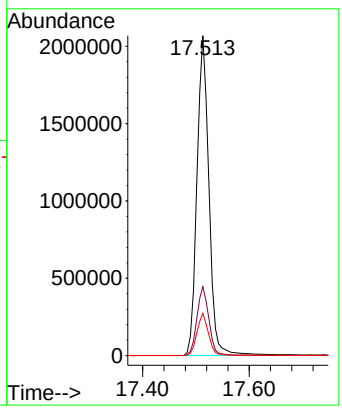


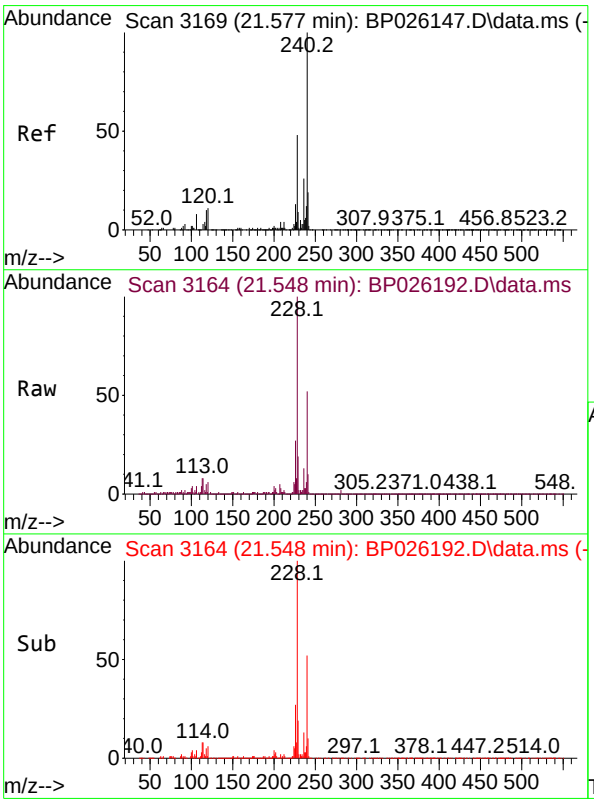

#73
Carbazole
Concen: 42.959 ng
RT: 17.513 min Scan# 24
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:167 Resp: 3236298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.1 | 25.7 |
| 139 | 13.2 | 10.2 | 15.4 |

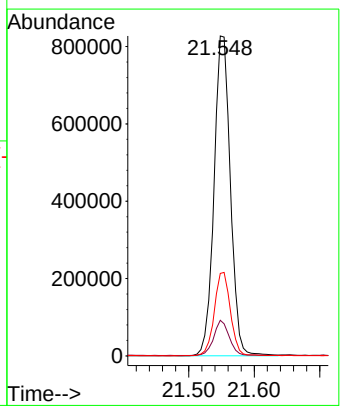


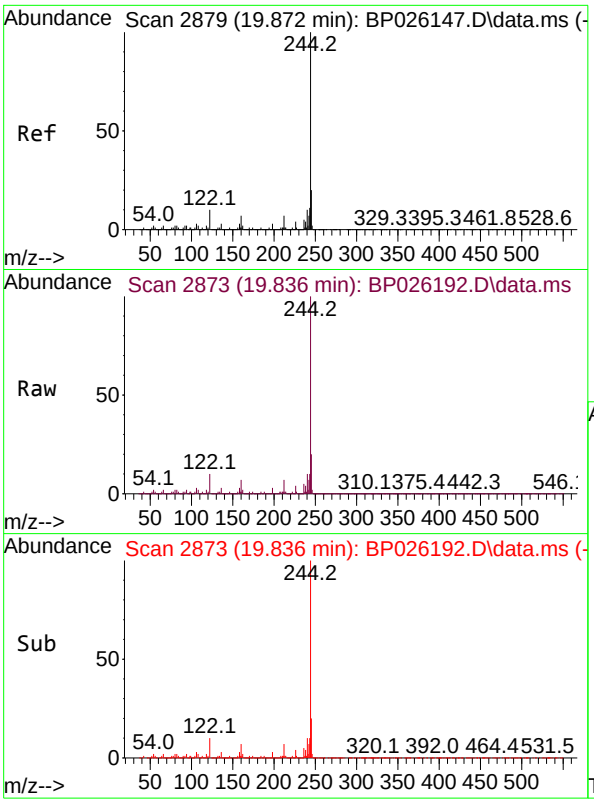




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:240 Resp: 1439545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 9.0 | 13.4 |
| 236 | 25.8 | 20.4 | 30.6 |



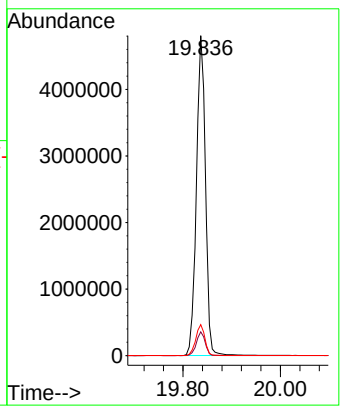


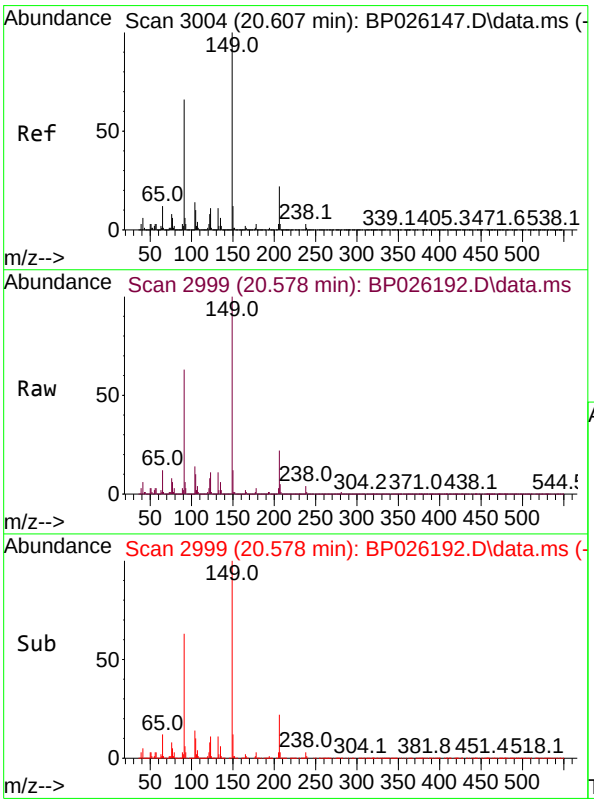

#79
Terphenyl-d14
Concen: 87.665 ng
RT: 19.836 min Scan# 28
Delta R.T. -0.035 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:244 Resp: 6189061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.8 |
| 122 | 9.7 | 8.2 | 12.2 |

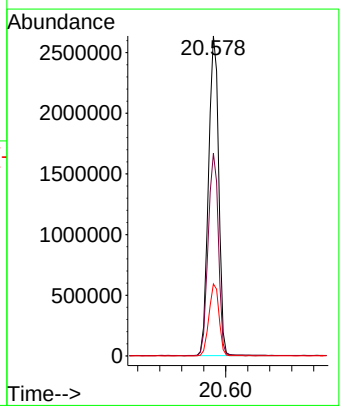


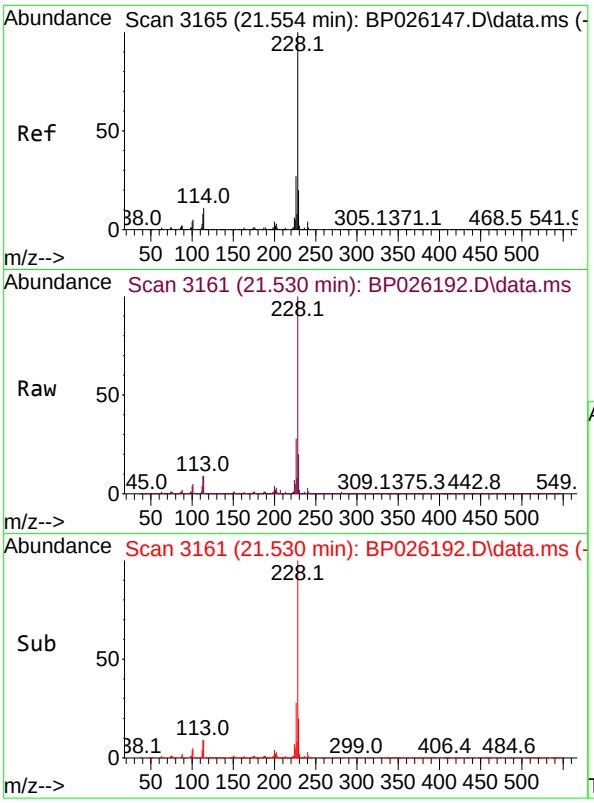




#80
Butylbenzylphthalate
Concen: 81.232 ng
RT: 20.578 min Scan# 2999
Delta R.T. -0.029 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:149 Resp: 3376596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.3 | 52.6 | 79.0 |
| 206 | 22.5 | 16.9 | 25.3 |



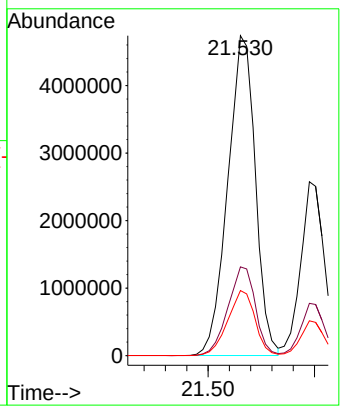


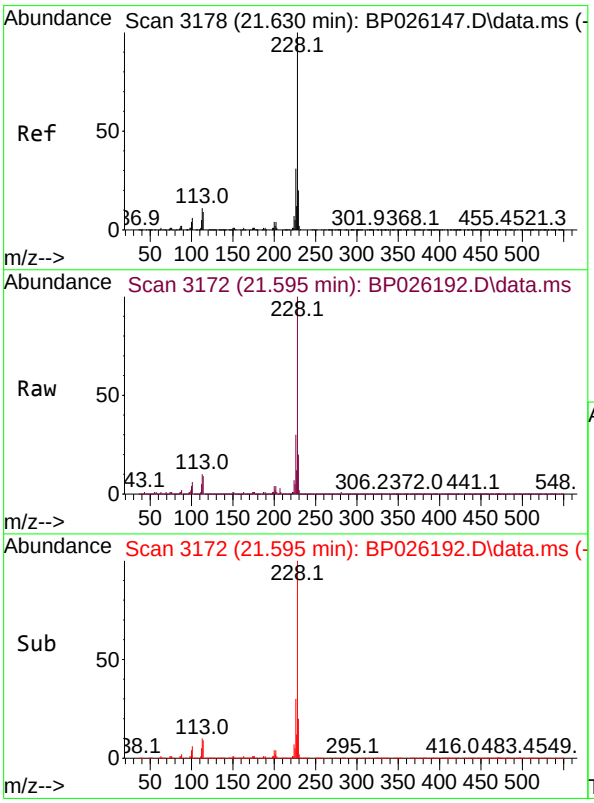

#81
Benzo(a)anthracene
Concen: 86.260 ng
RT: 21.530 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:228 Resp: 8528177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 21.8 | 32.8 |
| 229 | 20.3 | 15.9 | 23.9 |

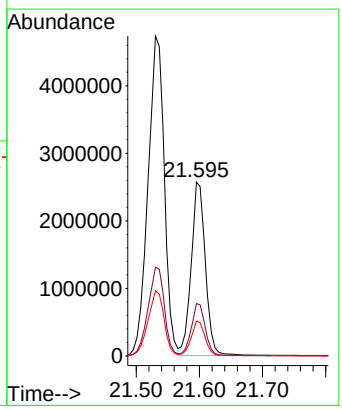


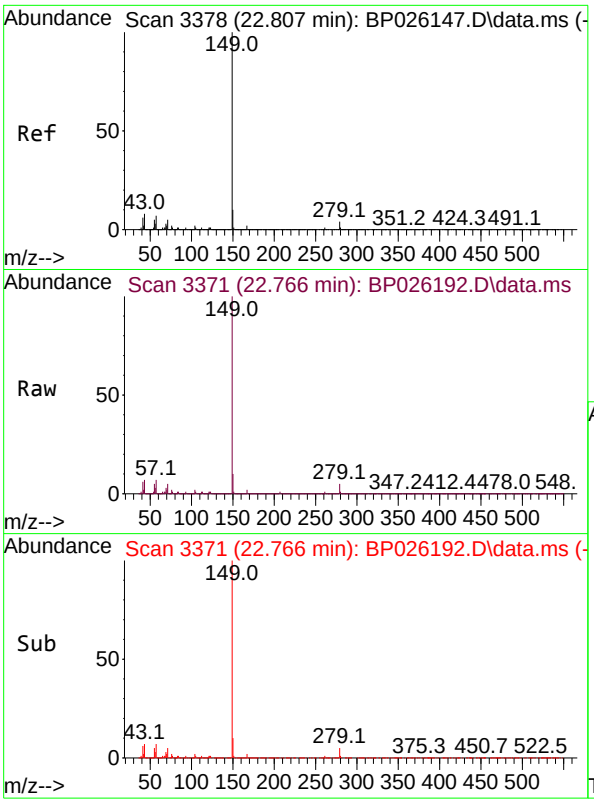




#83
Chrysene
Concen: 43.160 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:228 Resp: 4021397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.9 | 35.9 |
| 229 | 20.0 | 15.9 | 23.9 |



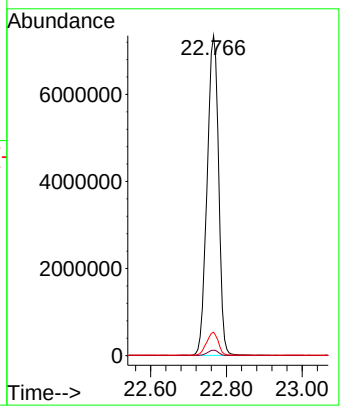


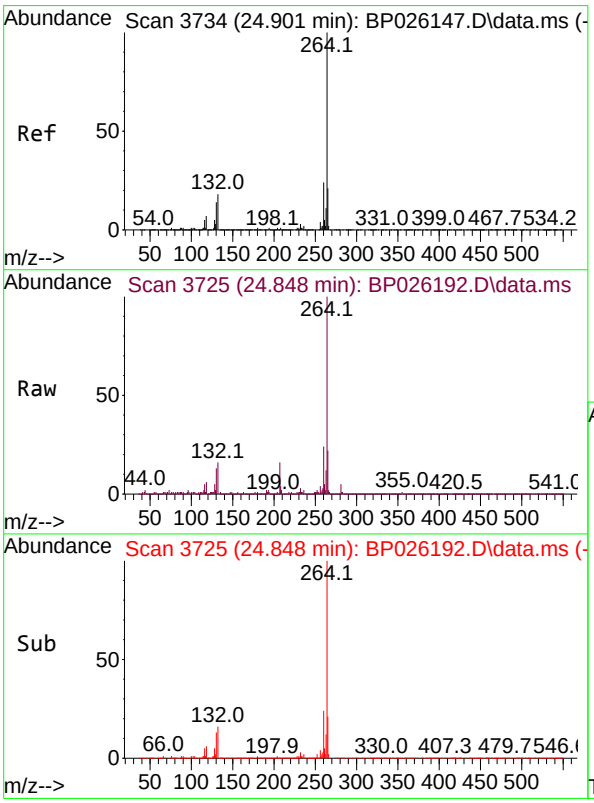

#85
Di-n-octyl phthalate
Concen: 141.679 ng
RT: 22.766 min Scan# 3
Delta R.T. -0.041 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:149 Resp:15588556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.3 | 6.6 | 10.0 |

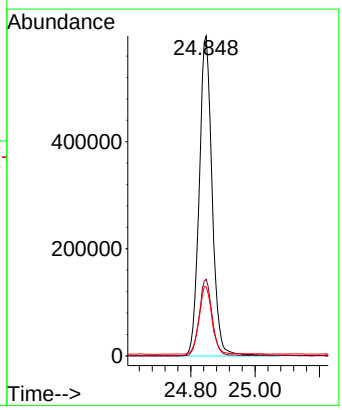


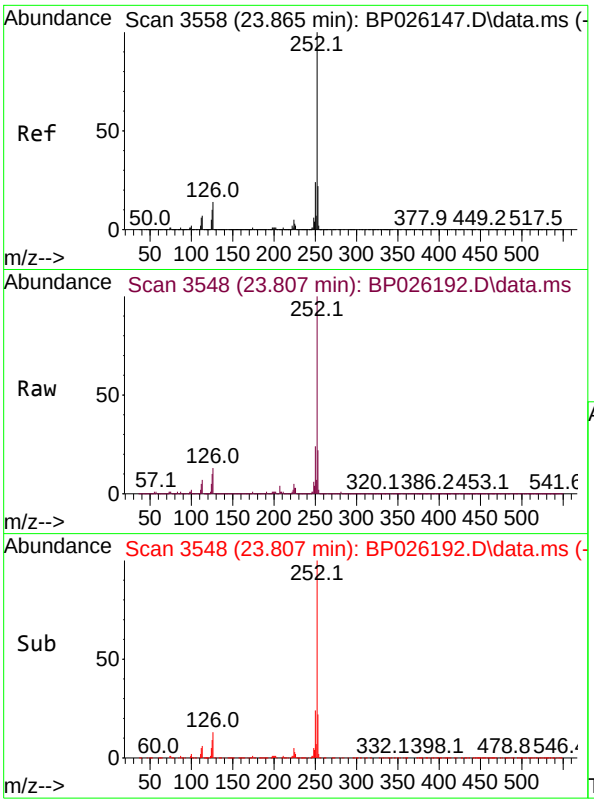




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.848 min Scan# 3725
Delta R.T. -0.059 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:264 Resp: 1659681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.7 | 28.1 |
| 265 | 21.5 | 17.5 | 26.3 |



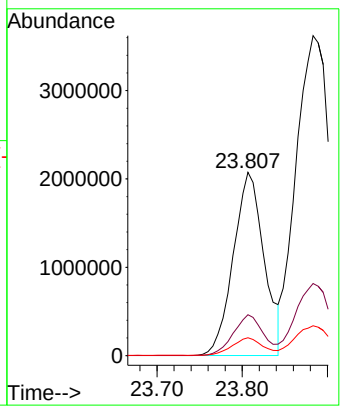


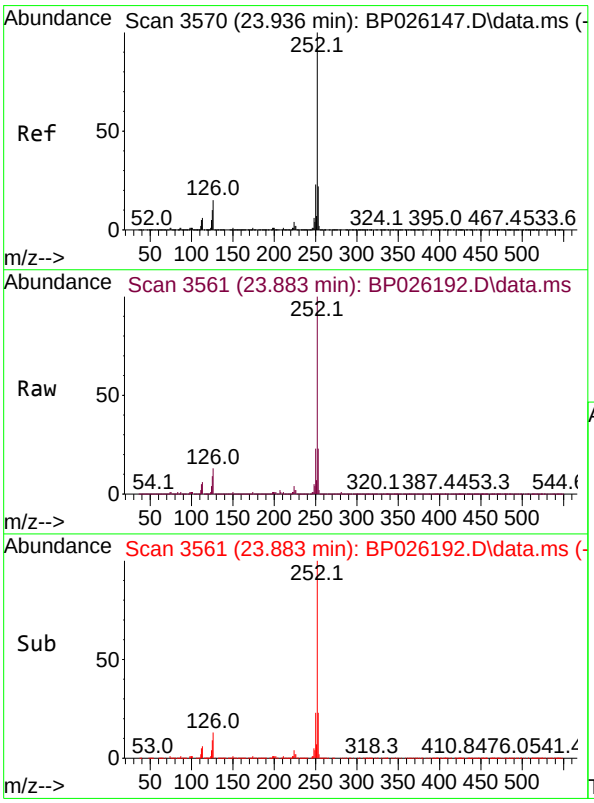

#88
Benzo(b)fluoranthene
Concen: 51.590 ng
RT: 23.807 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:252 Resp: 5214320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.6 | 26.4 |
| 125 | 9.7 | 8.2 | 12.4 |

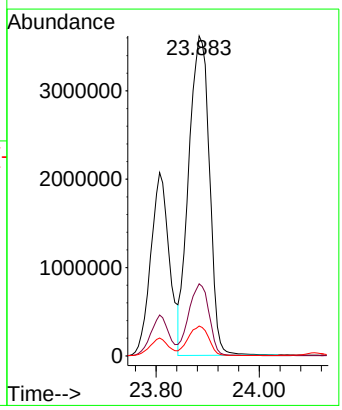


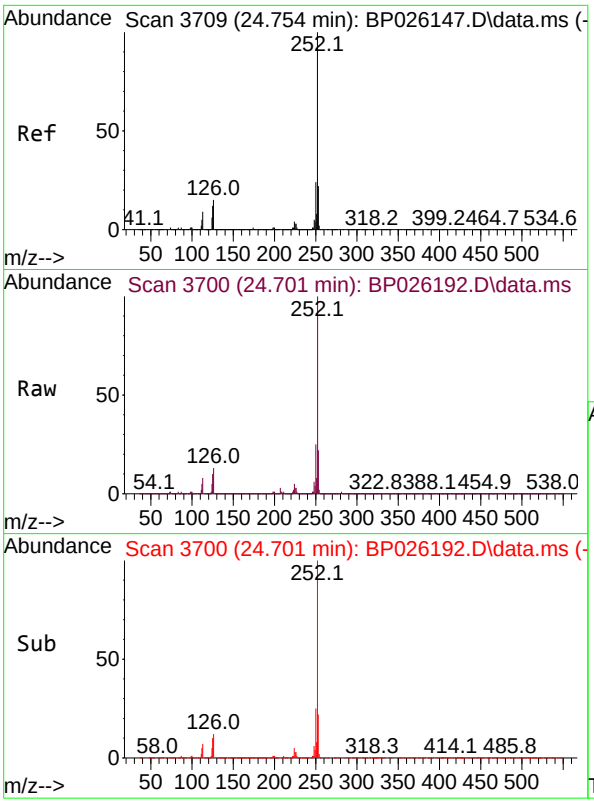




#89
Benzo(k)fluoranthene
Concen: 99.717 ng
RT: 23.883 min Scan# 3561
Delta R.T. -0.053 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

Tgt Ion:252 Resp:10066652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.6 | 26.4 |
| 125 | 9.3 | 7.5 | 11.3 |



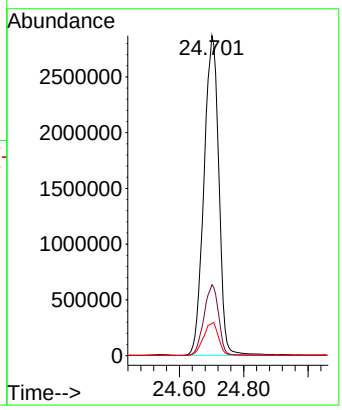



#90
Benzo(a)pyrene
Concen: 96.284 ng
RT: 24.701 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP026192.D
Acq: 26 Nov 2025 15:48

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOIL

Tgt Ion:252 Resp: 9218090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.4 | 26.2 |
| 125 | 10.0 | 9.0 | 13.6 |



Raw Data: **BP026193.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 10/27/25 |
| Project: | NJ Soil PT | Date Received: | 10/29/25 |
| Client Sample ID: | HW1025-PT-BNA-SOILDL | SDG No.: | Q3483 |
| Lab Sample ID: | Q3483-11DL | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 100 |
| Sample Wt/Vol: | 29.85 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 62-75-9 | n-Nitrosodimethylamine | 170 | UD | 5 | 170 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 110-86-1 | Pyridine | 200 | UD | 5 | 200 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 100-52-7 | Benzaldehyde | 780 | UD | 5 | 780 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 62-53-3 | Aniline | 250 | UD | 5 | 250 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 108-95-2 | Phenol | 940 | D | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 111-44-4 | bis(2-Chloroethyl)ether | 5100 | D | 5 | 120 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 95-57-8 | 2-Chlorophenol | 120 | UD | 5 | 120 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 95-50-1 | 1,2-Dichlorobenzene | 1900 | D | 5 | 97.5 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 541-73-1 | 1,3-Dichlorobenzene | 4500 | D | 5 | 88.9 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 106-46-7 | 1,4-Dichlorobenzene | 3200 | D | 5 | 92.0 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 100-51-6 | Benzyl Alcohol | 240 | UD | 5 | 240 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 95-48-7 | 2-Methylphenol | 150 | UD | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 190 | UD | 5 | 190 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 98-86-2 | Acetophenone | 150 | UD | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 65794-96-9 | 3+4-Methylphenols | 210 | UD | 5 | 210 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 5500 | D | 5 | 240 | 400 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 67-72-1 | Hexachloroethane | 1600 | D | 5 | 88.4 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 98-95-3 | Nitrobenzene | 92.0 | UD | 5 | 92.0 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 78-59-1 | Isophorone | 1800 | D | 5 | 160 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 88-75-5 | 2-Nitrophenol | 290 | UD | 5 | 290 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 105-67-9 | 2,4-Dimethylphenol | 330 | UD | 5 | 330 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 150 | UD | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 120-83-2 | 2,4-Dichlorophenol | 140 | UD | 5 | 140 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 4100 | D | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 65-85-0 | Benzoic acid | 950 | UD | 5 | 950 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 91-20-3 | Naphthalene | 3800 | D | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 106-47-8 | 4-Chloroaniline | 180 | UD | 5 | 180 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 87-68-3 | Hexachlorobutadiene | 4700 | D | 5 | 130 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 105-60-2 | Caprolactam | 260 | UD | 5 | 260 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 59-50-7 | 4-Chloro-3-methylphenol | 2500 | D | 5 | 140 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 91-57-6 | 2-Methylnaphthalene | 4700 | D | 5 | 130 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 77-47-4 | Hexachlorocyclopentadiene | 580 | UD | 5 | 580 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 88-06-2 | 2,4,6-Trichlorophenol | 4100 | D | 5 | 99.5 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 95-95-4 | 2,4,5-Trichlorophenol | 4300 | D | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 92-52-4 | 1,1-Biphenyl | 110 | UD | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 91-58-7 | 2-Chloronaphthalene | 110 | UD | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 88-74-4 | 2-Nitroaniline | 240 | UD | 5 | 240 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 131-11-3 | Dimethylphthalate | 4500 | D | 5 | 140 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 208-96-8 | Acenaphthylene | 2100 | D | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 606-20-2 | 2,6-Dinitrotoluene | 170 | UD | 5 | 170 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 99-09-2 | 3-Nitroaniline | 230 | UD | 5 | 230 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 83-32-9 | Acenaphthene | 3400 | D | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |

Raw Data: **BP026193.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 10/27/25 |
| Project: | NJ Soil PT | Date Received: | 10/29/25 |
| Client Sample ID: | HW1025-PT-BNA-SOILDL | SDG No.: | Q3483 |
| Lab Sample ID: | Q3483-11DL | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 100 |
| Sample Wt/Vol: | 29.85 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 51-28-5 | 2,4-Dinitrophenol | 1200 | UD | 5 | 1200 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 100-02-7 | 4-Nitrophenol | 2500 | D | 5 | 540 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 132-64-9 | Dibenzofuran | 3100 | D | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 121-14-2 | 2,4-Dinitrotoluene | 2700 | D | 5 | 250 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 84-66-2 | Diethylphthalate | 5500 | D | 5 | 140 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 130 | UD | 5 | 130 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 86-73-7 | Fluorene | 5100 | D | 5 | 130 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 100-01-6 | 4-Nitroaniline | 320 | UD | 5 | 320 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 520 | UD | 5 | 520 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 86-30-6 | n-Nitrosodiphenylamine | 170 | UD | 5 | 170 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 103-33-3 | Azobenzene | 150 | UD | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 101-55-3 | 4-Bromophenyl-phenylether | 140 | UD | 5 | 140 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 118-74-1 | Hexachlorobenzene | 3600 | D | 5 | 130 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 1912-24-9 | Atrazine | 170 | UD | 5 | 170 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 87-86-5 | Pentachlorophenol | 3400 | D | 5 | 260 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 85-01-8 | Phenanthrene | 110 | UD | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 120-12-7 | Anthracene | 2300 | D | 5 | 170 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 86-74-8 | Carbazole | 1300 | D | 5 | 160 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 84-74-2 | Di-n-butylphthalate | 240 | UD | 5 | 240 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 206-44-0 | Fluoranthene | 150 | UD | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 92-87-5 | Benzidine | 740 | UD | 5 | 740 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 129-00-0 | Pyrene | 180 | UD | 5 | 180 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 85-68-7 | Butylbenzylphthalate | 2500 | D | 5 | 360 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 91-94-1 | 3,3-Dichlorobenzidine | 180 | UD | 5 | 180 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 56-55-3 | Benzo(a)anthracene | 2700 | D | 5 | 120 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 218-01-9 | Chrysene | 1300 | D | 5 | 100 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 300 | UD | 5 | 300 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 117-84-0 | Di-n-octyl phthalate | 4600 | D | 5 | 440 | 1700 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 205-99-2 | Benzo(b)fluoranthene | 1500 | D | 5 | 95.5 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 207-08-9 | Benzo(k)fluoranthene | 3200 | D | 5 | 110 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 50-32-8 | Benzo(a)pyrene | 2900 | D | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 150 | UD | 5 | 150 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 53-70-3 | Dibenzo(a,h)anthracene | 140 | UD | 5 | 140 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 191-24-2 | Benzo(g,h,i)perylene | 130 | UD | 5 | 130 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 130 | UD | 5 | 130 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 123-91-1 | 1,4-Dioxane | 230 | UD | 5 | 230 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 3400 | D | 5 | 140 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| 90-12-0 | 1-Methylnaphthalene | 130 | UD | 5 | 130 | 850 | ug/Kg | 11/26/25 18:32 | PB170598 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 69.6 | | | 10 - 105 | 46% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 73.3 | | | 10 - 103 | 49% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 46.7 | | | 10 - 108 | 47% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 64.5 | | | 10 - 108 | 65% | SPK: 100 | | |

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 10/27/25 |
| Project: | NJ Soil PT | Date Received: | 10/29/25 |
| Client Sample ID: | HW1025-PT-BNA-SOILDL | SDG No.: | Q3483 |
| Lab Sample ID: | Q3483-11DL | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 100 |
| Sample Wt/Vol: | 29.85 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol | 113 | | | 10 - 116 | 76% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 81.7 | | | 10 - 109 | 82% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 290000 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 1230000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 837000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 1750000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 1870000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 2120000 | | | | | | | |

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\BP112725\
Data File : BP026193.D
Acq On : 26 Nov 2025 18:32
Operator : RC/JU
Sample : Q3483-11DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Quant Time: Dec 01 12:00:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.655 | 152 | 290064 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.419 | 136 | 1229874 | 20.000 | ng | -0.03 |
| 39) Acenaphthene-d10 | 14.289 | 164 | 837371 | 20.000 | ng | -0.04 |
| 64) Phenanthrene-d10 | 17.101 | 188 | 1750809 | 20.000 | ng | -0.03 |
| 76) Chrysene-d12 | 21.548 | 240 | 1874137 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 24.848 | 264 | 2122338 | 20.000 | ng | -0.06 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.284 | 112 | 251447 | 13.914 | ng | 0.00 |
| 7) Phenol-d6 | 6.837 | 99 | 337217 | 14.658 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.790 | 82 | 202153 | 9.337 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.813 | 330 | 246059 | 22.652 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 12.895 | 172 | 737365 | 12.906 | ng | -0.04 |
| 79) Terphenyl-d14 | 19.830 | 244 | 1501138 | 16.332 | ng | -0.04 |
| Target Compounds | | | | | | Qvalue |
| 10) Phenol | 6.860 | 94 | 139742 | 5.638 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 7.084 | 93 | 588683 | 30.336 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.549 | 146 | 594986 | 26.848 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.690 | 146 | 420998 | 18.853 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.002 | 146 | 245706 | 11.458 | ng | 99 |
| 18) Hexachloroethane | 8.725 | 117 | 77804 | 9.576 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.449 | 70 | 468124 | 32.753 | ng | 99 |
| 25) Isophorone | 9.360 | 82 | 470685 | 10.966 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.290 | 180 | 493756 | 24.276 | ng | 100 |
| 31) Naphthalene | 10.472 | 128 | 1497768 | 22.534 | ng | 99 |
| 34) Hexachlorobutadiene | 10.766 | 225 | 367343 | 27.770 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.707 | 107 | 319258 | 15.039 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.084 | 142 | 1313387 | 27.872 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.701 | 196 | 420412 | 24.219 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.772 | 196 | 492854 | 25.436 | ng | 99 |
| 49) Acenaphthylene | 14.001 | 152 | 1029735 | 12.591 | ng | 99 |
| 50) Dimethylphthalate | 13.742 | 163 | 1690727 | 27.033 | ng | 100 |
| 52) Acenaphthene | 14.354 | 154 | 967215 | 20.180 | ng | 99 |
| 55) Dibenzofuran | 14.701 | 168 | 1367298 | 18.419 | ng | 99 |
| 56) 4-Nitrophenol | 14.507 | 139 | 197402 | 14.955 | ng | 93 |
| 57) 2,4-Dinitrotoluene | 14.654 | 165 | 299733 | 16.198 | ng | 96 |
| 58) Fluorene | 15.360 | 166 | 1802617 | 30.722 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.925 | 232 | 336922 | 20.497 | ng | 99 |
| 60) Diethylphthalate | 15.136 | 149 | 2058376 | 32.671 | ng | 100 |
| 68) Hexachlorobenzene | 16.383 | 284 | 483979 | 21.511 | ng | 99 |
| 70) Pentachlorophenol | 16.742 | 266 | 319415 | 20.295 | ng | 99 |
| 72) Anthracene | 17.230 | 178 | 1369823 | 13.617 | ng | 100 |
| 73) Carbazole | 17.519 | 167 | 739184 | 7.737 | ng | 100 |
| 80) Butylbenzylphthalate | 20.577 | 149 | 812761 | 15.019 | ng | 97 |
| 81) Benzo(a)anthracene | 21.530 | 228 | 2053910 | 15.957 | ng | 100 |
| 83) Chrysene | 21.595 | 228 | 976031 | 8.046 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.760 | 149 | 3920389 | 27.369 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.807 | 252 | 1170272 | 9.055 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.883 | 252 | 2498737 | 19.356 | ng | 100 |
| 90) Benzo(a)pyrene | 24.689 | 252 | 2144720 | 17.518 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026193.D
Acq On : 26 Nov 2025 18:32
Operator : RC/JU
Sample : Q3483-11DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Quant Time: Dec 01 12:00:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

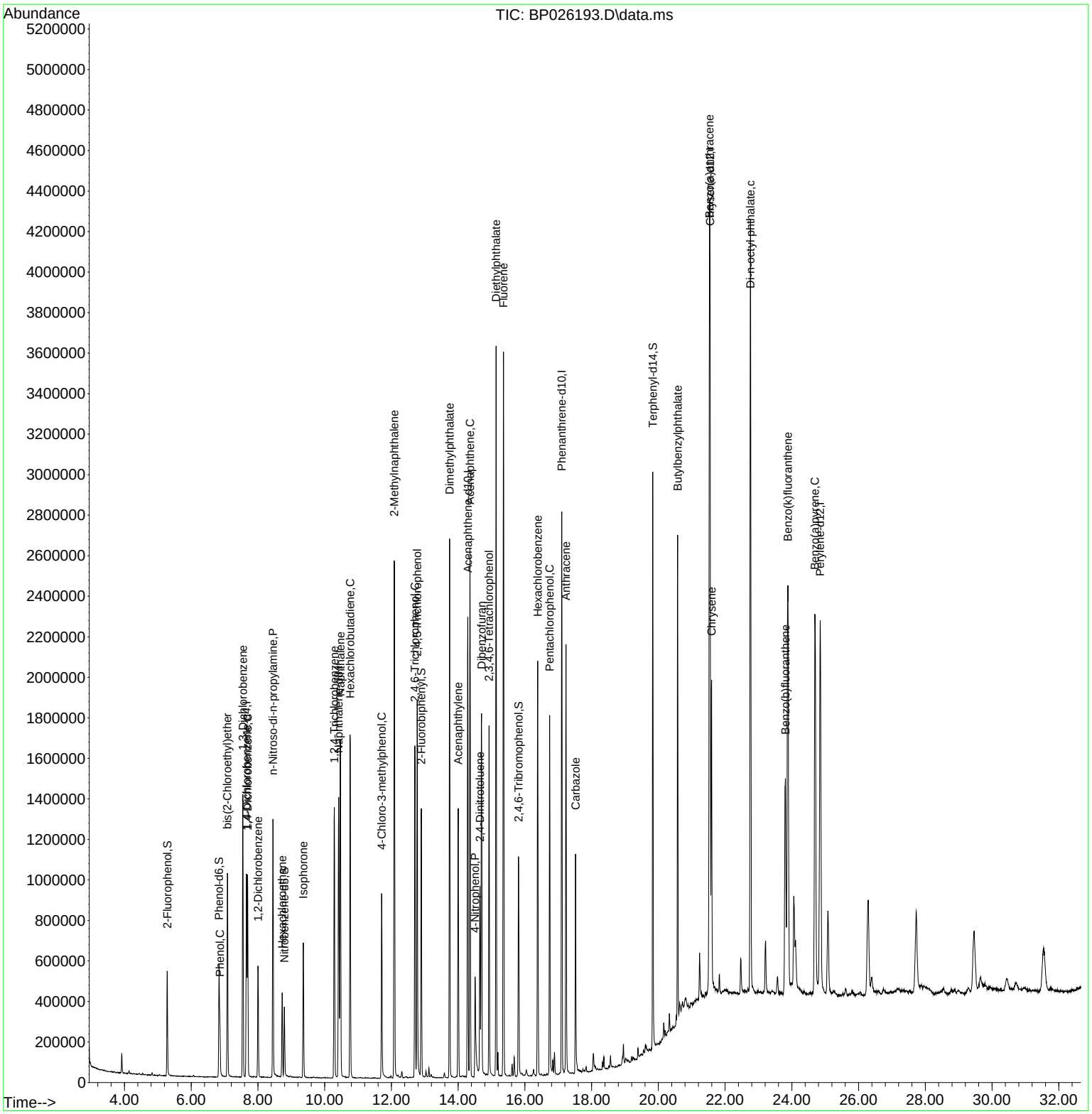
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

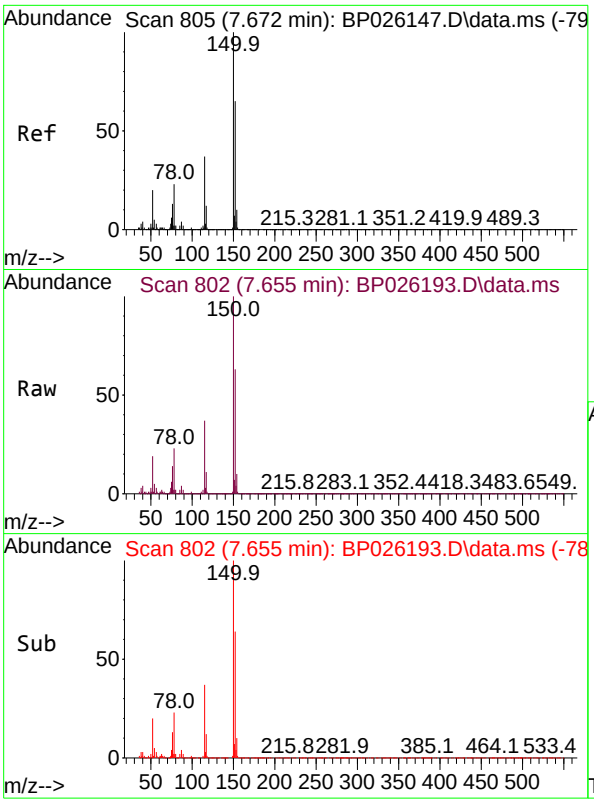
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026193.D
Acq On : 26 Nov 2025 18:32
Operator : RC/JU
Sample : Q3483-11DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Quant Time: Dec 01 12:00:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



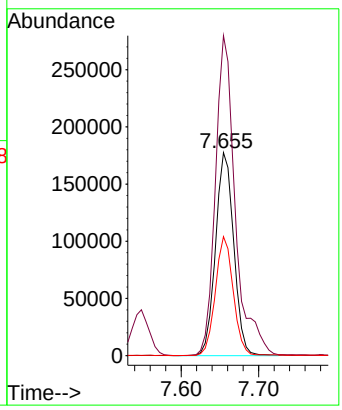


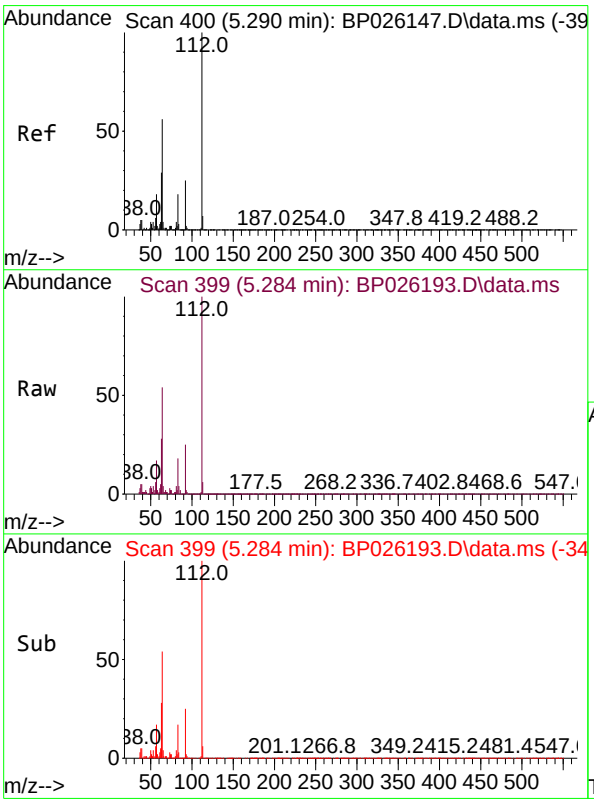

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:152 Resp: 290064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.7 | 123.0 | 184.6 |
| 115 | 58.6 | 46.3 | 69.5 |

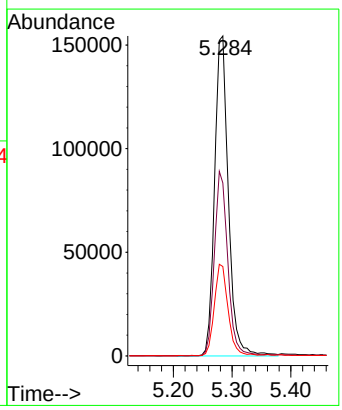


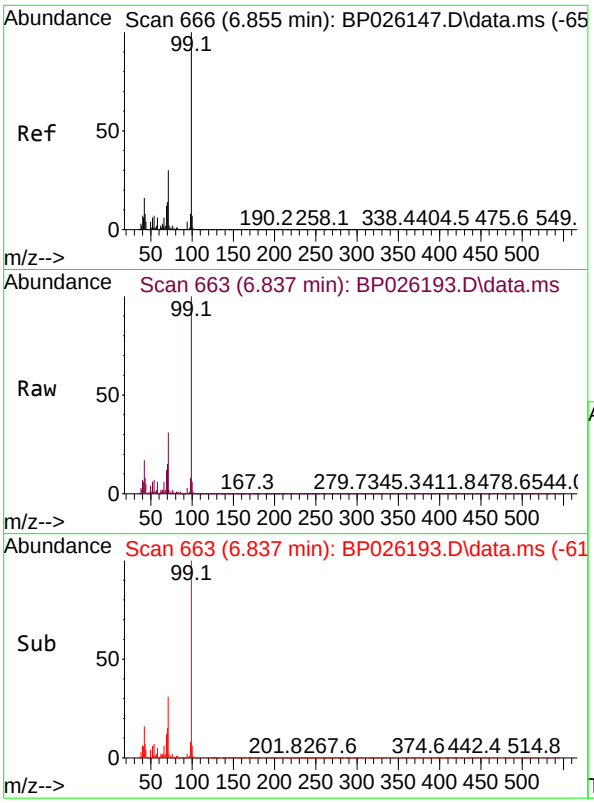




#5
2-Fluorophenol
Concen: 13.914 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:112 Resp: 251447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.0 | 45.8 | 68.6 |
| 63 | 27.9 | 23.5 | 35.3 |



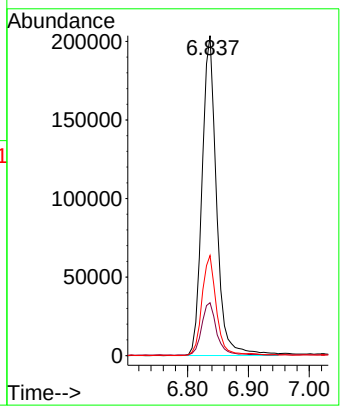


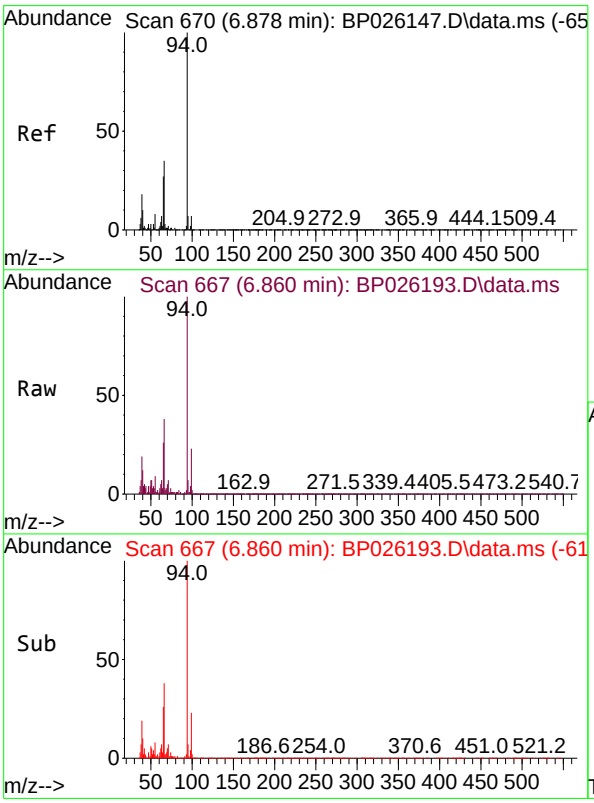

#7
Phenol-d6
Concen: 14.658 ng
RT: 6.837 min Scan# 6(
Delta R.T. -0.018 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion: 99 Resp: 337217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.5 | 12.9 | 19.3 |
| 71 | 31.3 | 24.8 | 37.2 |

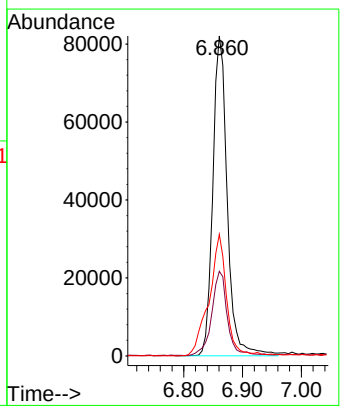


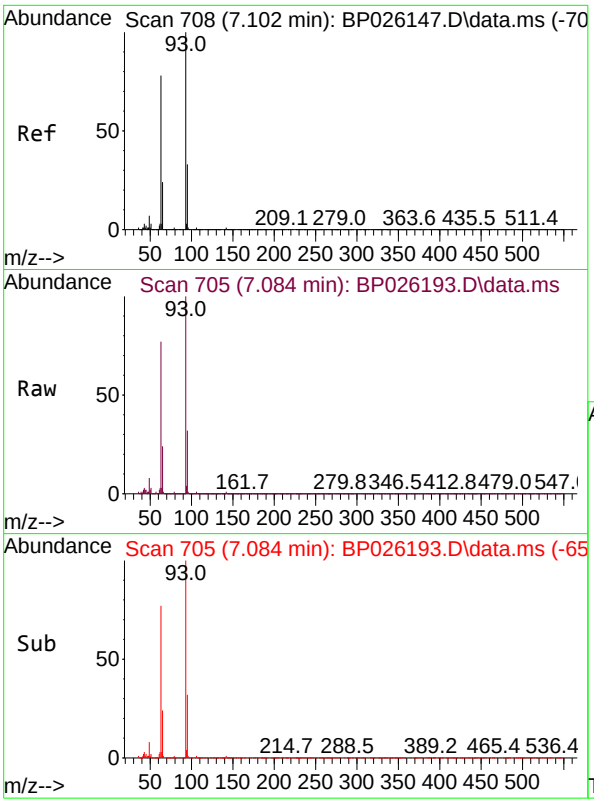




#10
Phenol
Concen: 5.638 ng
RT: 6.860 min Scan# 667
Delta R.T. -0.018 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion: 94 Resp: 139742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.4 | 7.0 | 47.0 |
| 66 | 38.0 | 14.5 | 54.5 |



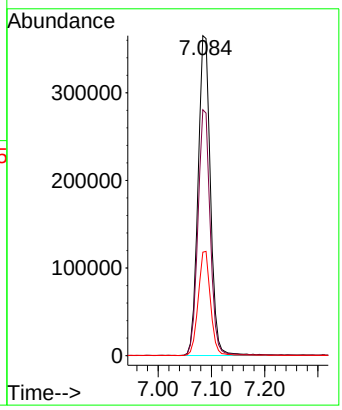


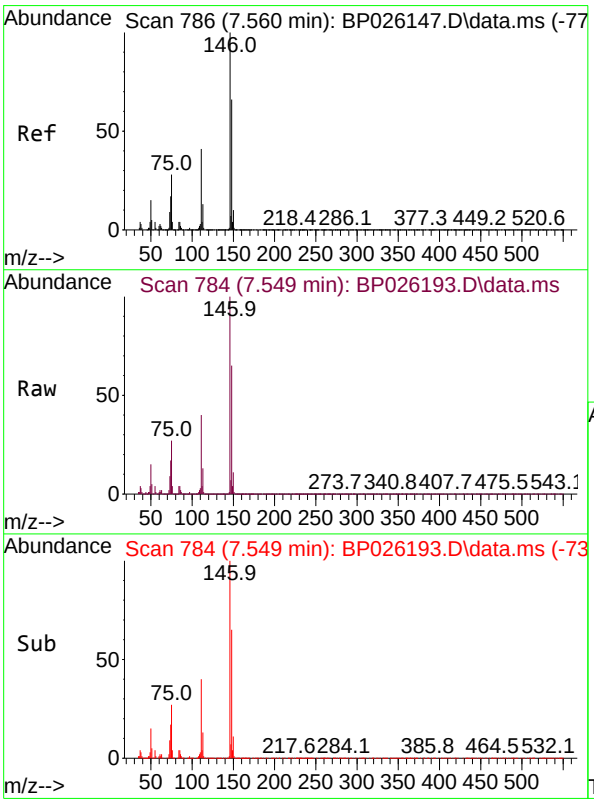

#11
bis(2-Chloroethyl)ether
Concen: 30.336 ng
RT: 7.084 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion: 93 Resp: 588683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.8 | 58.8 | 98.8 |
| 95 | 32.3 | 12.1 | 52.1 |

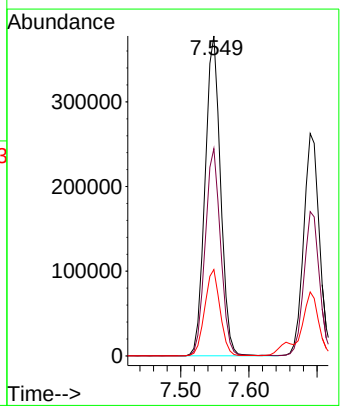


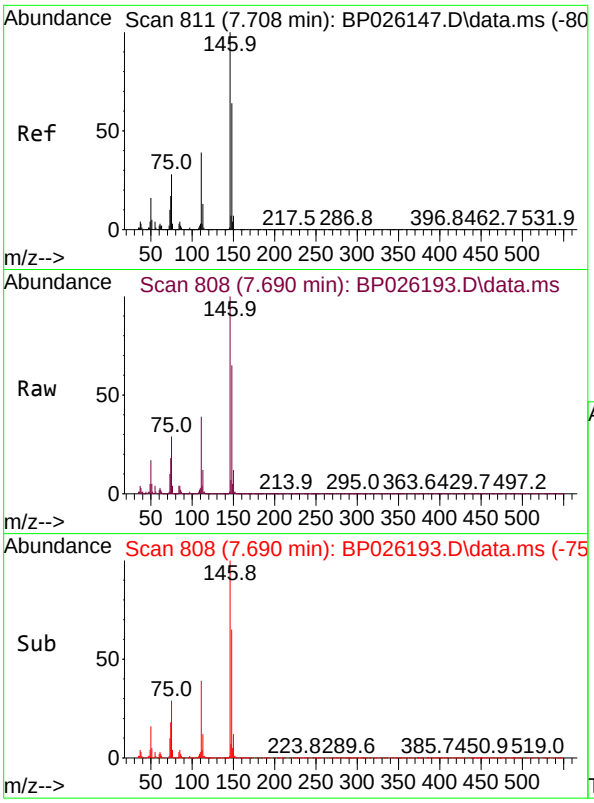




#12
1,3-Dichlorobenzene
Concen: 26.848 ng
RT: 7.549 min Scan# 784
Delta R.T. -0.018 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:146 Resp: 594986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.8 | 77.8 |
| 75 | 27.0 | 22.2 | 33.2 |



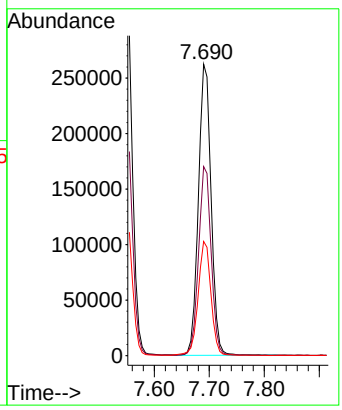


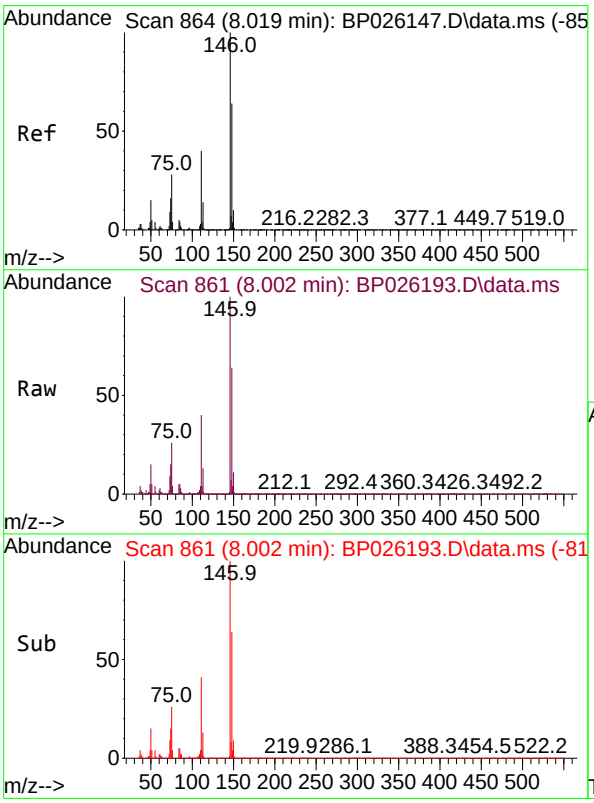

#13
1,4-Dichlorobenzene
Concen: 18.853 ng
RT: 7.690 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:146 Resp: 420998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.4 | 77.2 |
| 111 | 39.1 | 31.7 | 47.5 |

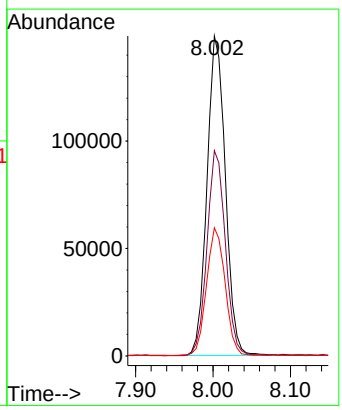


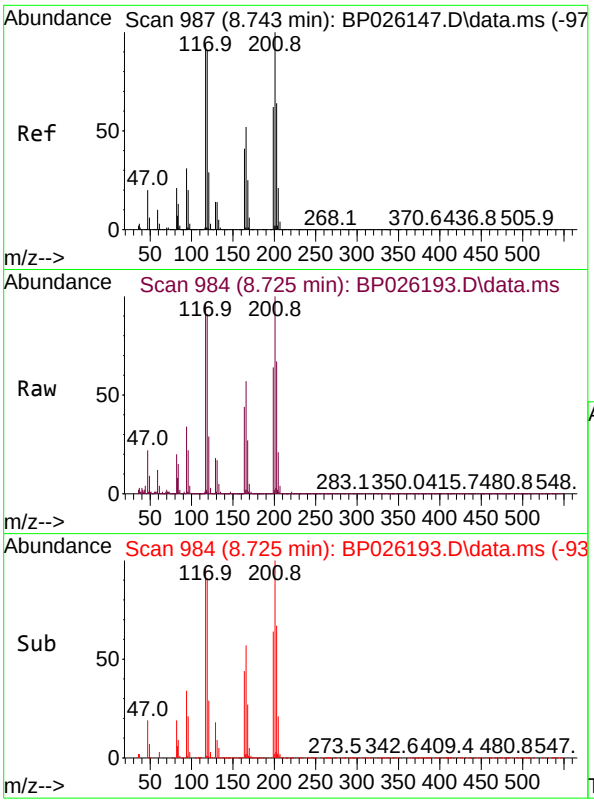




#14
1,2-Dichlorobenzene
Concen: 11.458 ng
RT: 8.002 min Scan# 861
Delta R.T. -0.012 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:146 Resp: 245706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.0 | 76.6 |
| 111 | 40.0 | 33.0 | 49.4 |



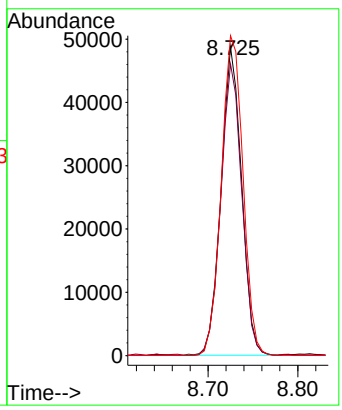


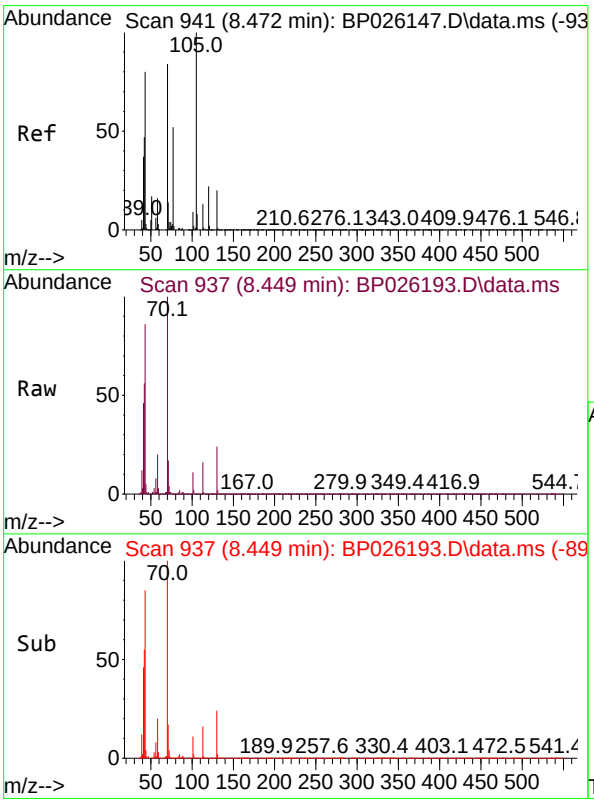

#18
Hexachloroethane
Concen: 9.576 ng
RT: 8.725 min Scan# 98
Delta R.T. -0.018 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:117 Resp: 77804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.5 | 78.7 | 118.1 |
| 201 | 103.7 | 85.1 | 127.7 |

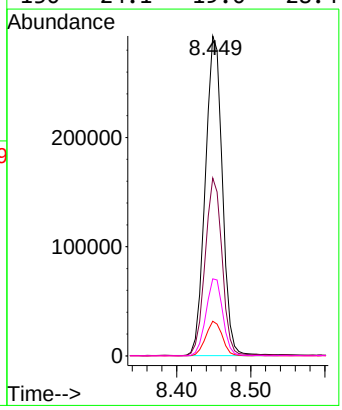


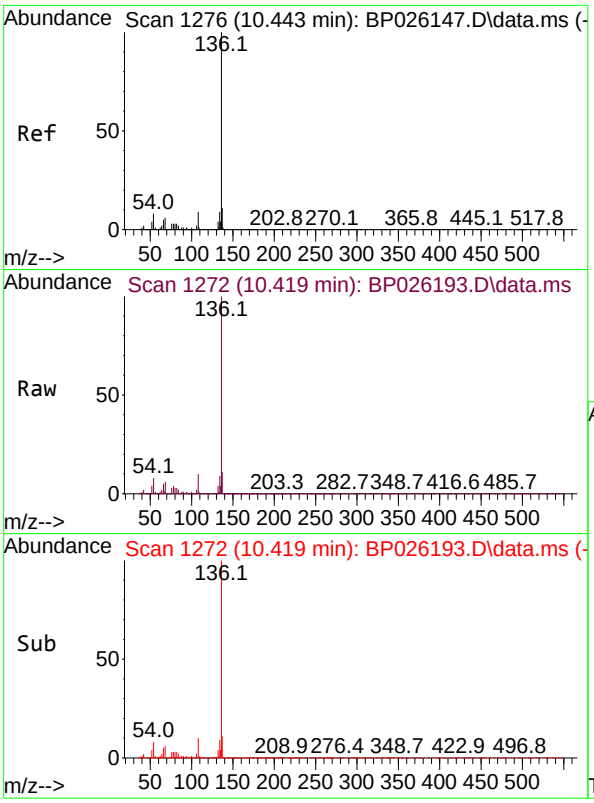




#19
n-Nitroso-di-n-propylamine
Concen: 32.753 ng
RT: 8.449 min Scan# 937
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion: 70 Resp: 468124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.6 | 44.1 | 66.1 |
| 101 | 10.8 | 8.2 | 12.4 |
| 130 | 24.1 | 19.0 | 28.4 |



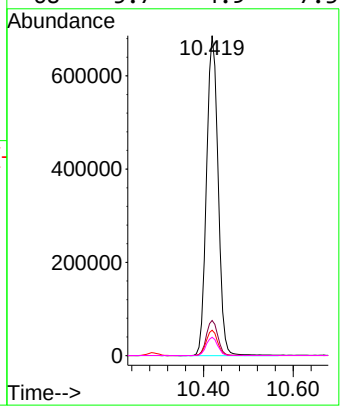


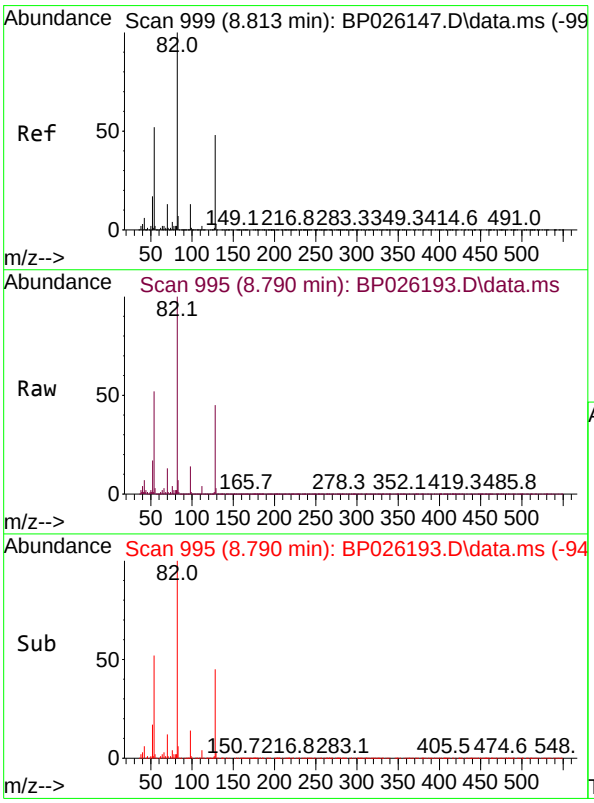

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:136 Resp: 1229874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 7.9 | 6.4 | 9.6 |
| 68 | 5.7 | 4.9 | 7.3 |

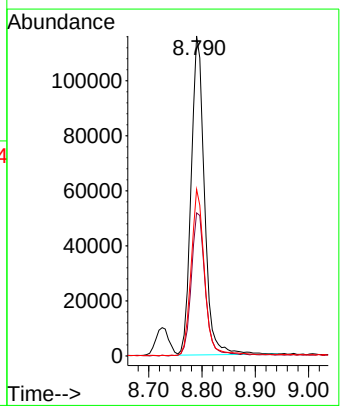


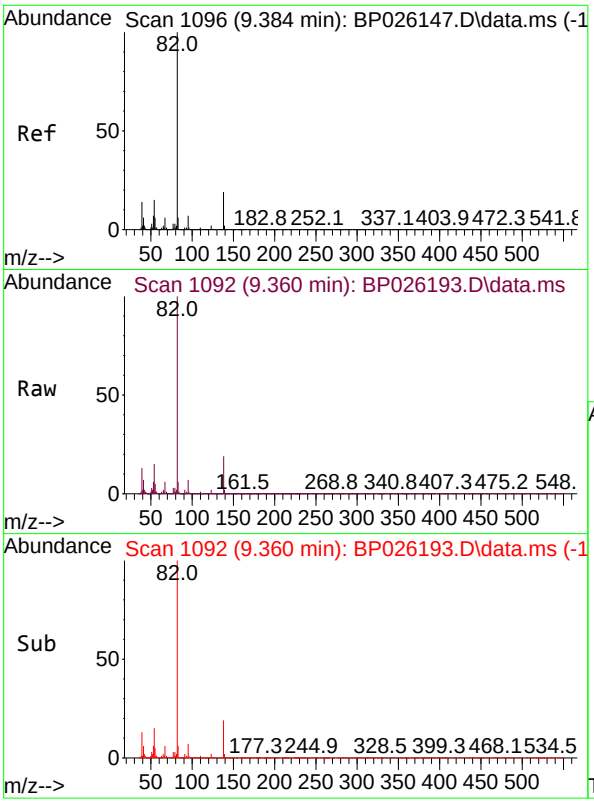




#23
Nitrobenzene-d5
Concen: 9.337 ng
RT: 8.790 min Scan# 995
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion: 82 Resp: 202153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.7 | 37.4 | 56.0 |
| 54 | 52.1 | 41.6 | 62.4 |



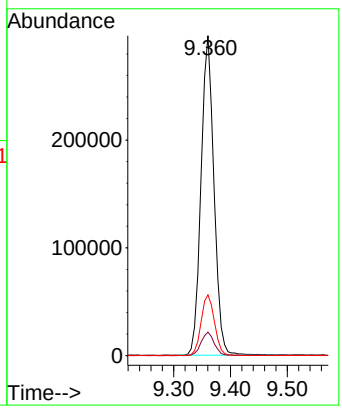


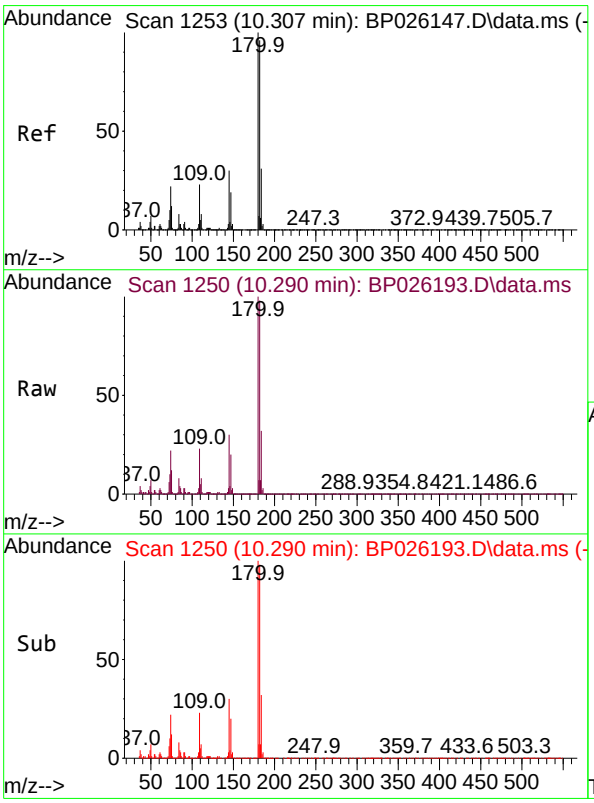

#25
Isophorone
Concen: 10.966 ng
RT: 9.360 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion: 82 Resp: 470685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.4 | 8.0 |
| 138 | 19.0 | 15.4 | 23.0 |

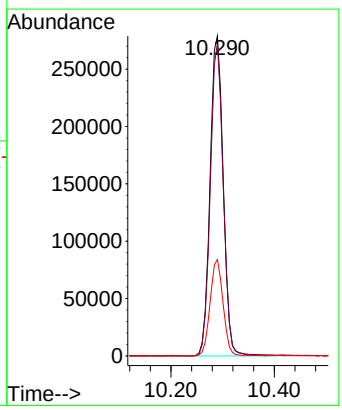


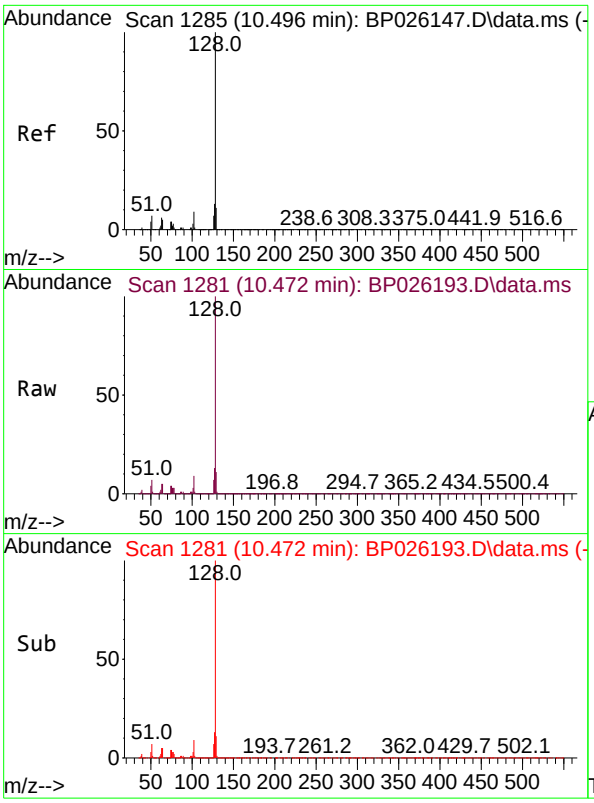




#30
1,2,4-Trichlorobenzene
Concen: 24.276 ng
RT: 10.290 min Scan# 1250
Delta R.T. -0.018 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:180 Resp: 493756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.7 | 78.1 | 117.1 |
| 145 | 30.1 | 24.2 | 36.4 |



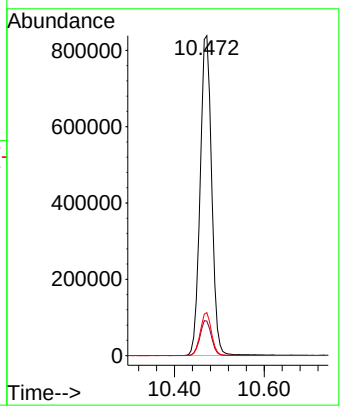


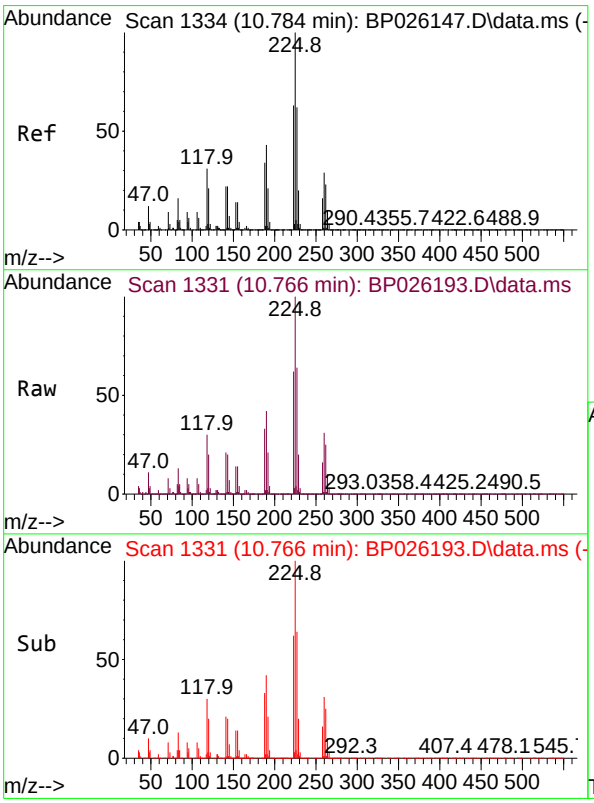

#31
Naphthalene
Concen: 22.534 ng
RT: 10.472 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:128 Resp: 1497768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.6 |
| 127 | 13.4 | 10.2 | 15.4 |

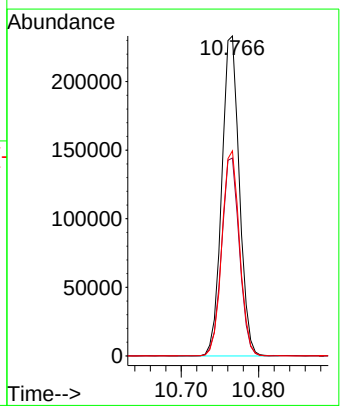


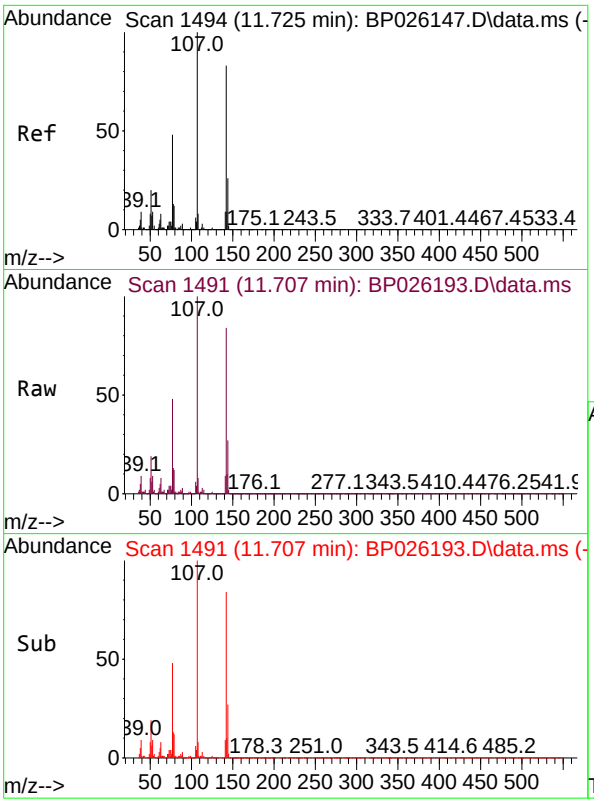




#34
Hexachlorobutadiene
Concen: 27.770 ng
RT: 10.766 min Scan# 1331
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:225 Resp: 367343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.8 | 49.6 | 74.4 |
| 227 | 64.1 | 51.2 | 76.8 |



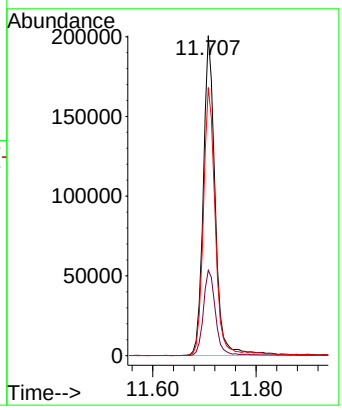


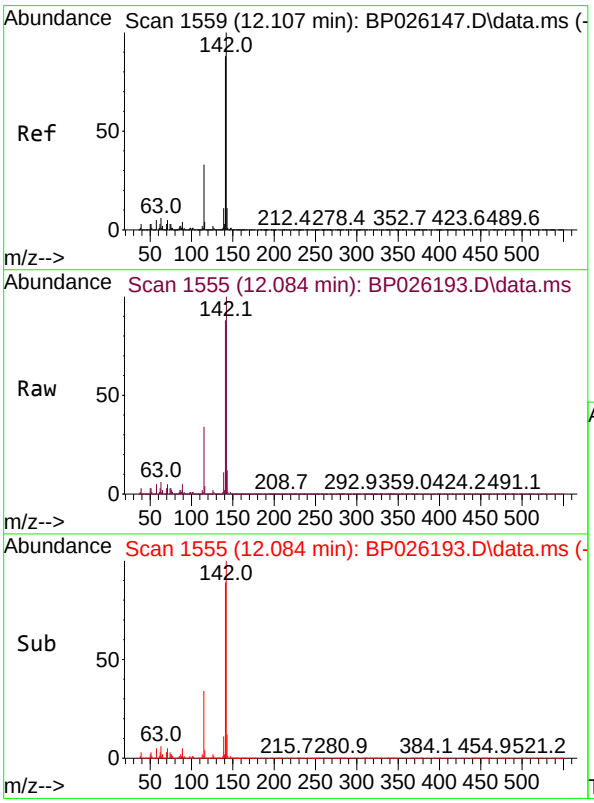

#36
4-Chloro-3-methylphenol
Concen: 15.039 ng
RT: 11.707 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:107 Resp: 319258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.7 | 21.6 | 32.4 |
| 142 | 83.8 | 65.6 | 98.4 |

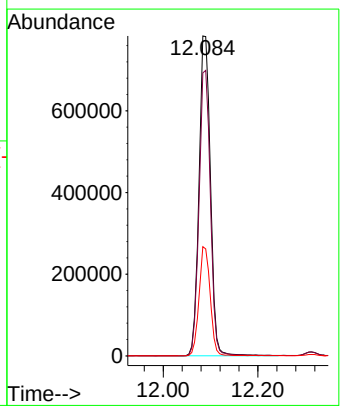


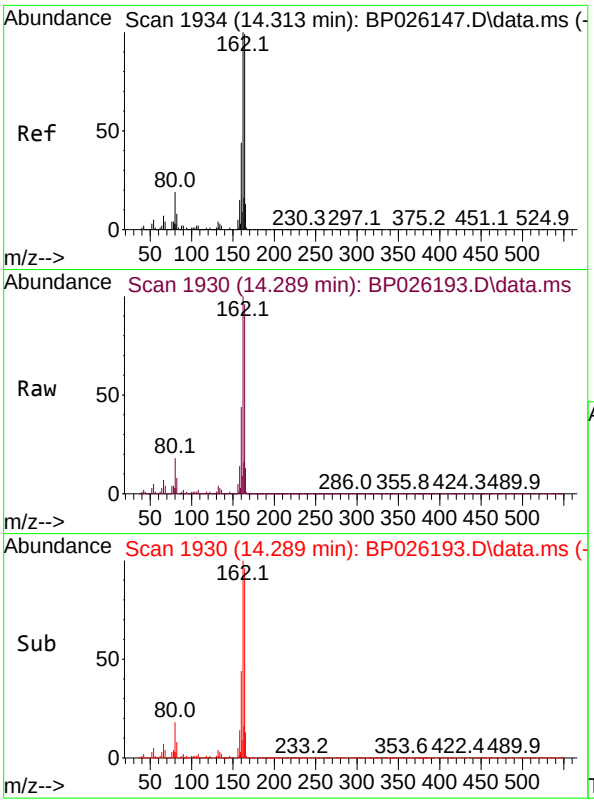




#37
2-Methylnaphthalene
Concen: 27.872 ng
RT: 12.084 min Scan# 1555
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:142 Resp: 1313387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.0 | 106.6 |
| 115 | 34.2 | 26.6 | 39.8 |



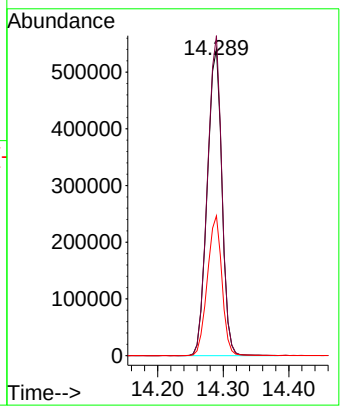


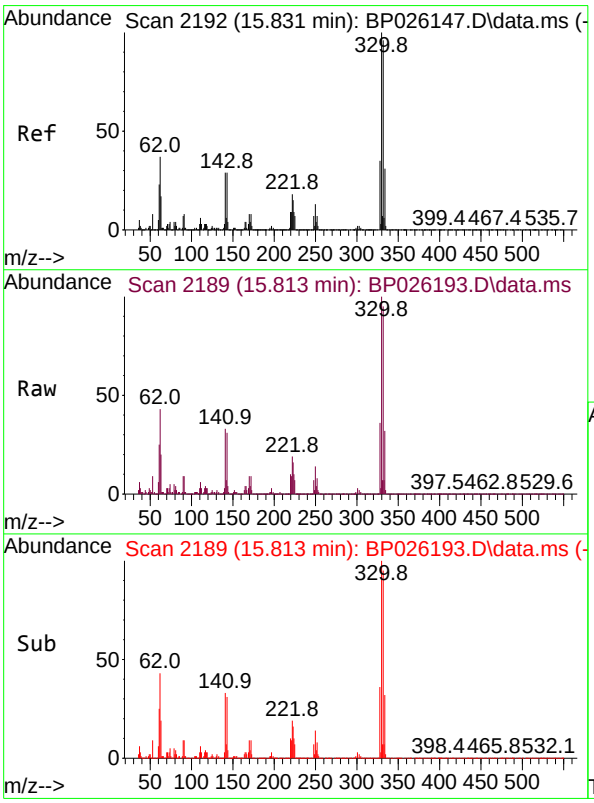

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.289 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:164 Resp: 837371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.3 | 80.3 | 120.5 |
| 160 | 45.5 | 35.2 | 52.8 |

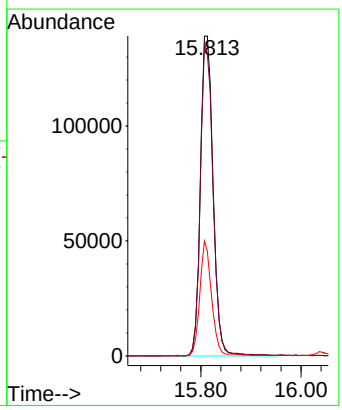


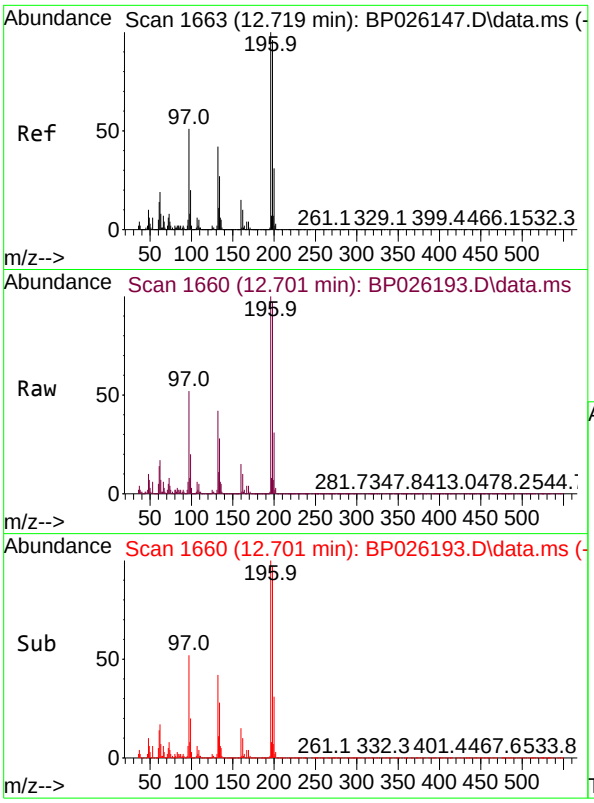




#42
2,4,6-Tribromophenol
Concen: 22.652 ng
RT: 15.813 min Scan# 2189
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:330 Resp: 246059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 78.0 | 117.0 |
| 141 | 32.6 | 26.8 | 40.2 |



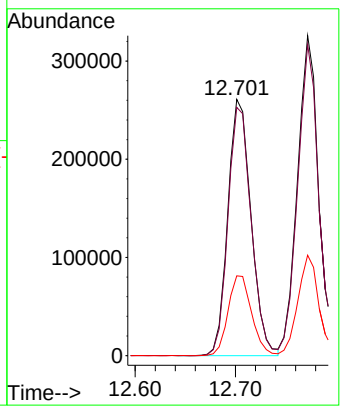


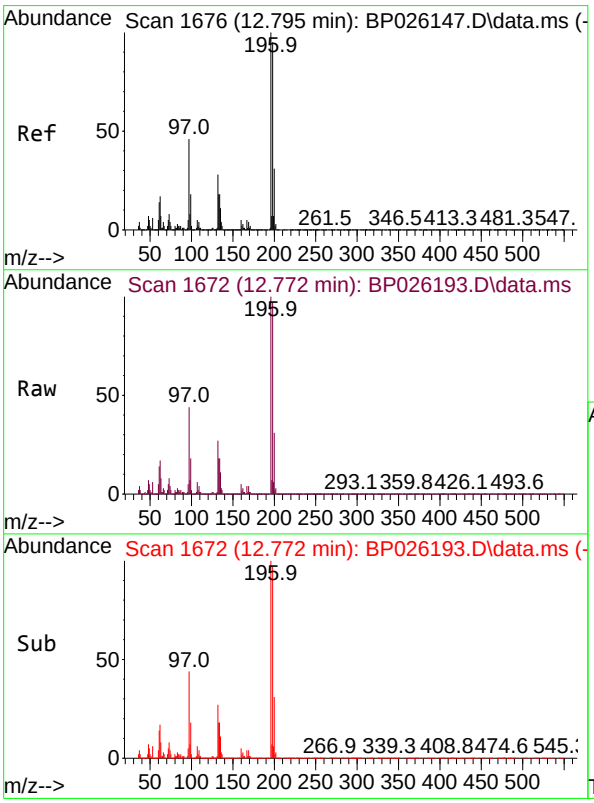

#43
2,4,6-Trichlorophenol
Concen: 24.219 ng
RT: 12.701 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:196 Resp: 420412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 76.9 | 115.3 |
| 200 | 31.1 | 24.6 | 37.0 |

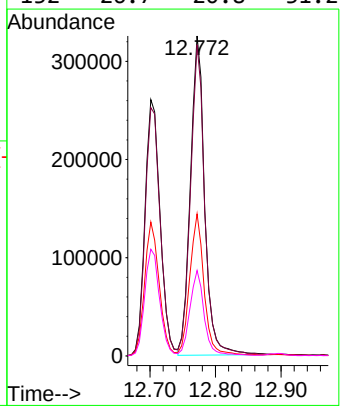


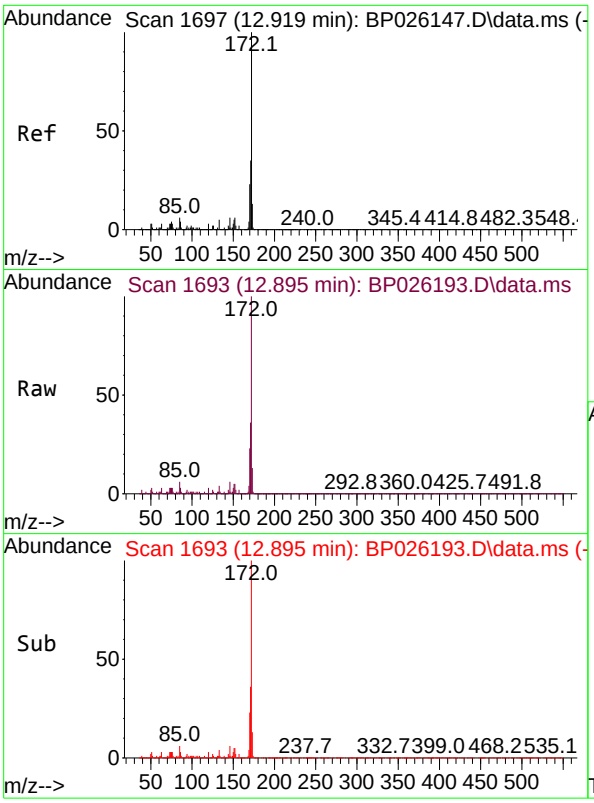




#44
2,4,5-Trichlorophenol
Concen: 25.436 ng
RT: 12.772 min Scan# 1672
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:196 Resp: 492854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.2 | 76.4 | 114.6 |
| 97 | 44.4 | 35.7 | 53.5 |
| 132 | 26.7 | 20.8 | 31.2 |



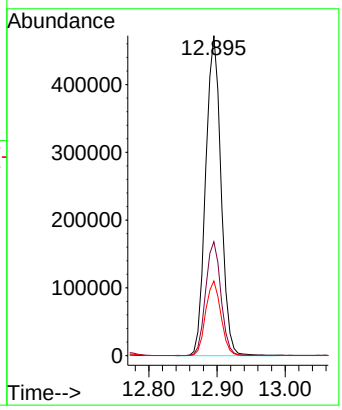


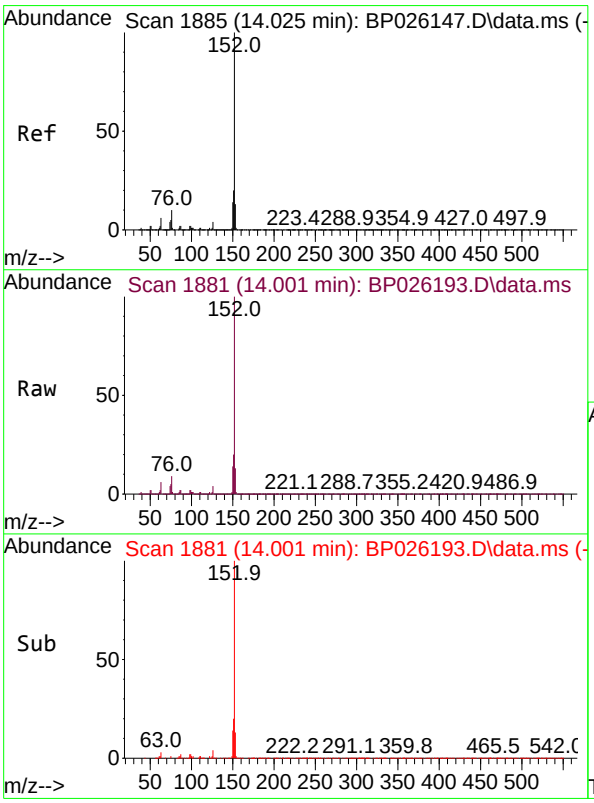

#45
2-Fluorobiphenyl
Concen: 12.906 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:172 Resp: 737365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.2 | 42.4 |
| 170 | 23.3 | 18.7 | 28.1 |

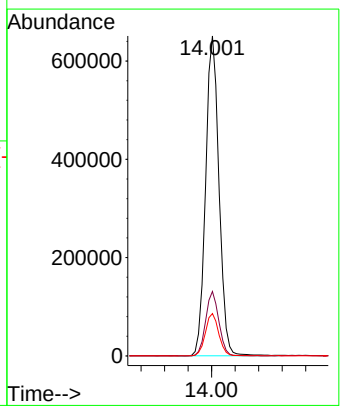


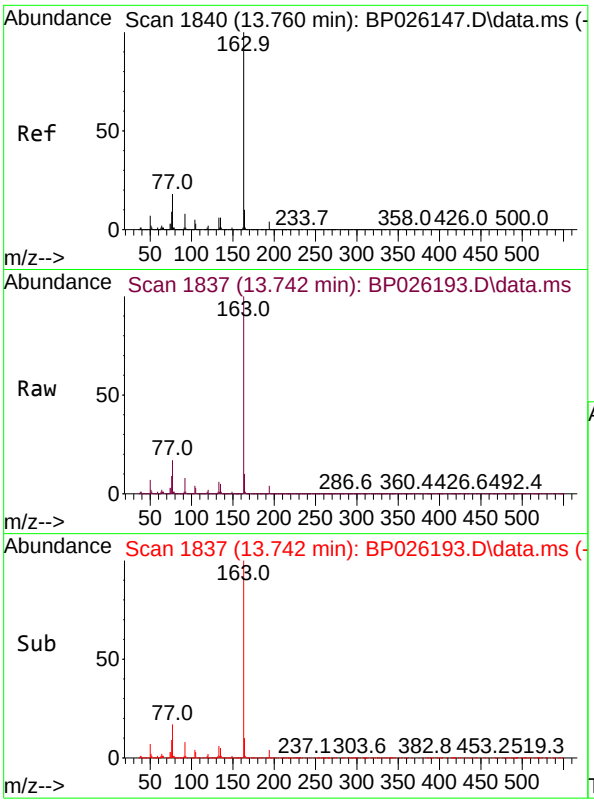




#49
Acenaphthylene
Concen: 12.591 ng
RT: 14.001 min Scan# 1881
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:152 Resp: 1029735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |



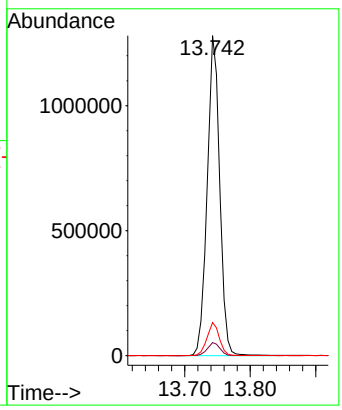


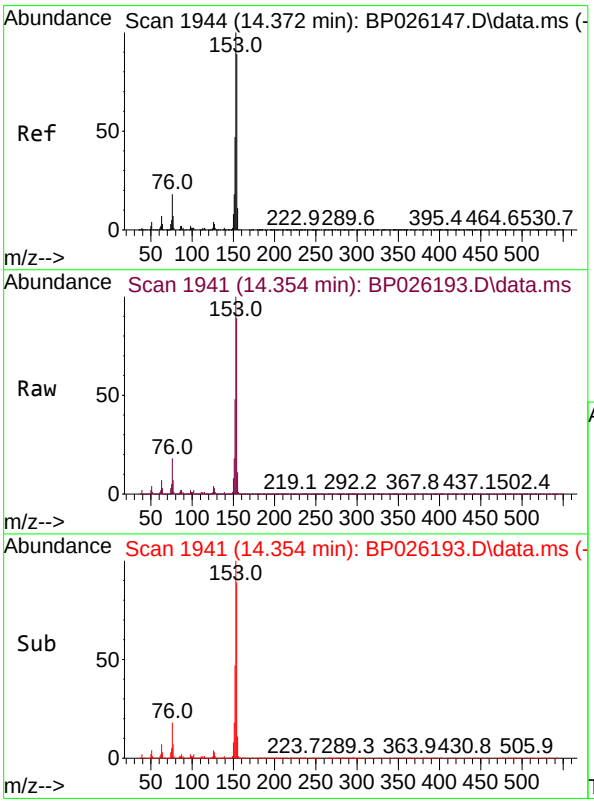

#50
Dimethylphthalate
Concen: 27.033 ng
RT: 13.742 min Scan# 18
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:163 Resp: 1690727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.3 | 8.2 | 12.2 |

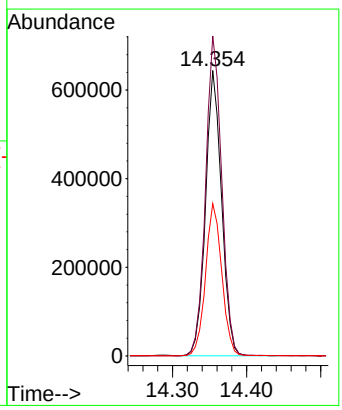


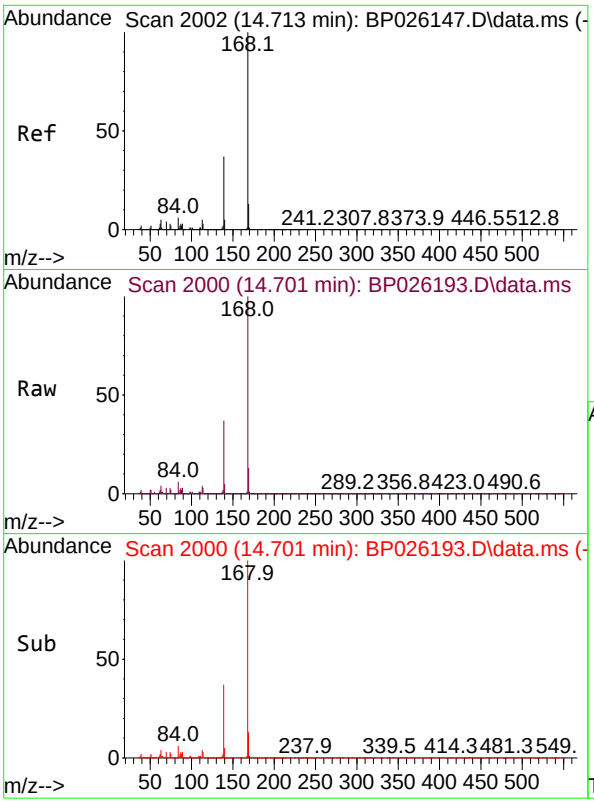




#52
Acenaphthene
Concen: 20.180 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:154 Resp: 967215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.1 | 90.7 | 136.1 |
| 152 | 53.3 | 42.8 | 64.2 |



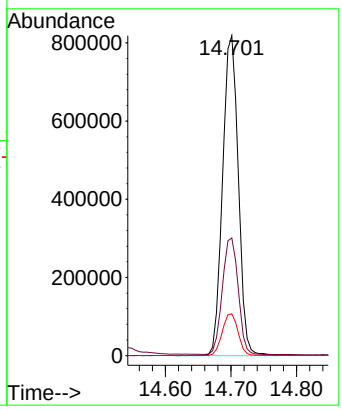


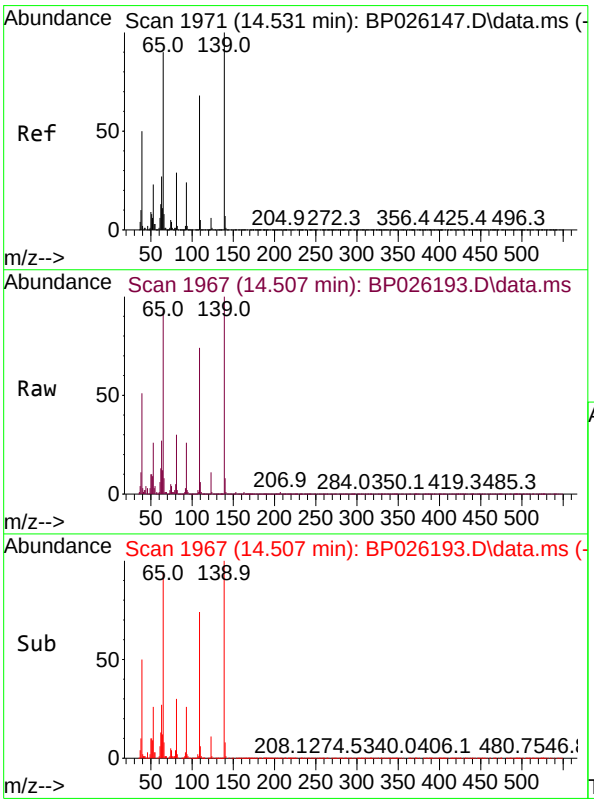

#55
Dibenzofuran
Concen: 18.419 ng
RT: 14.701 min Scan# 2
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:168 Resp: 1367298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.8 | 44.6 |
| 169 | 13.1 | 10.9 | 16.3 |

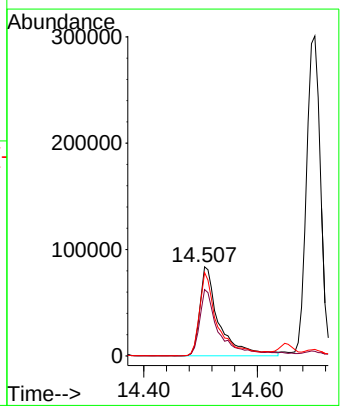


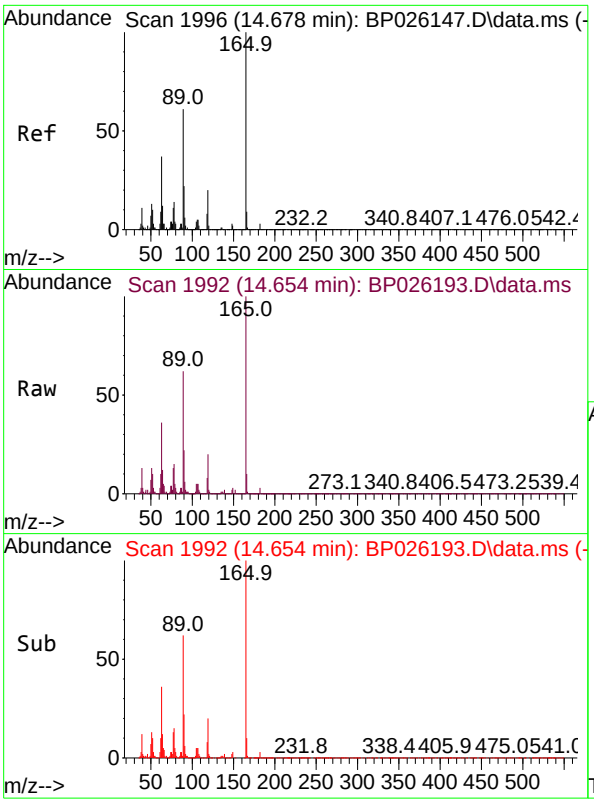




#56
4-Nitrophenol
Concen: 14.955 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:139 Resp: 197402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 74.4 | 46.8 | 86.8 |
| 65 | 93.5 | 69.3 | 109.3 |



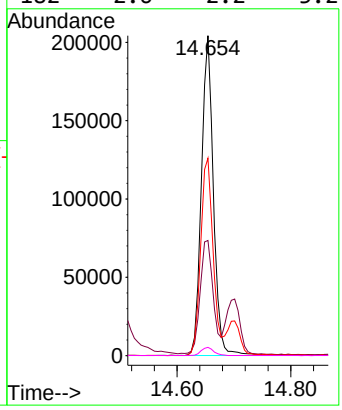


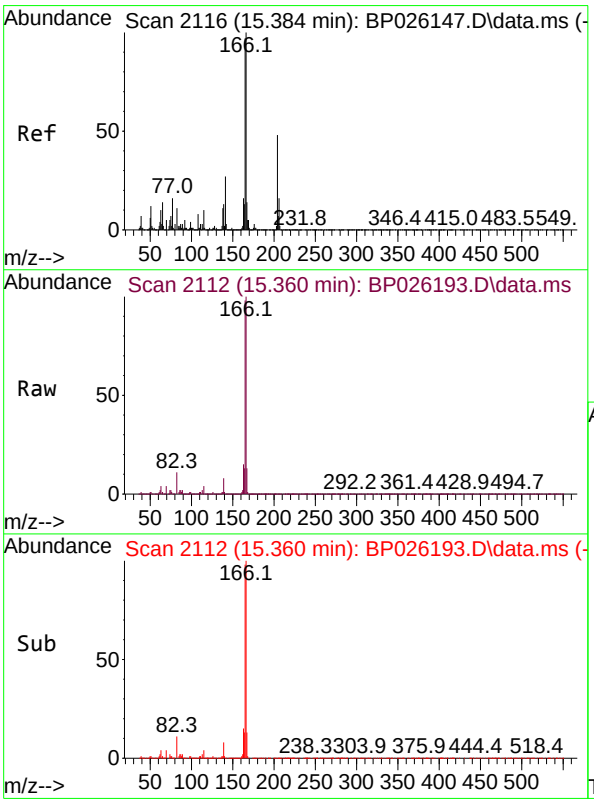

#57
2,4-Dinitrotoluene
Concen: 16.198 ng
RT: 14.654 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:165 Resp: 299733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 36.0 | 31.0 | 46.6 |
| 89 | 61.7 | 51.7 | 77.5 |
| 182 | 2.6 | 2.2 | 3.2 |

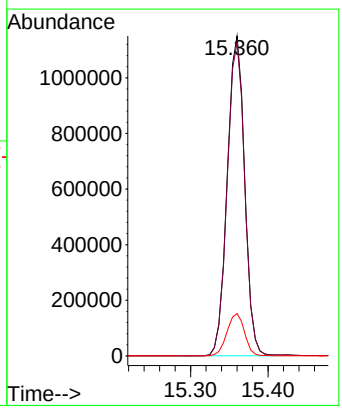


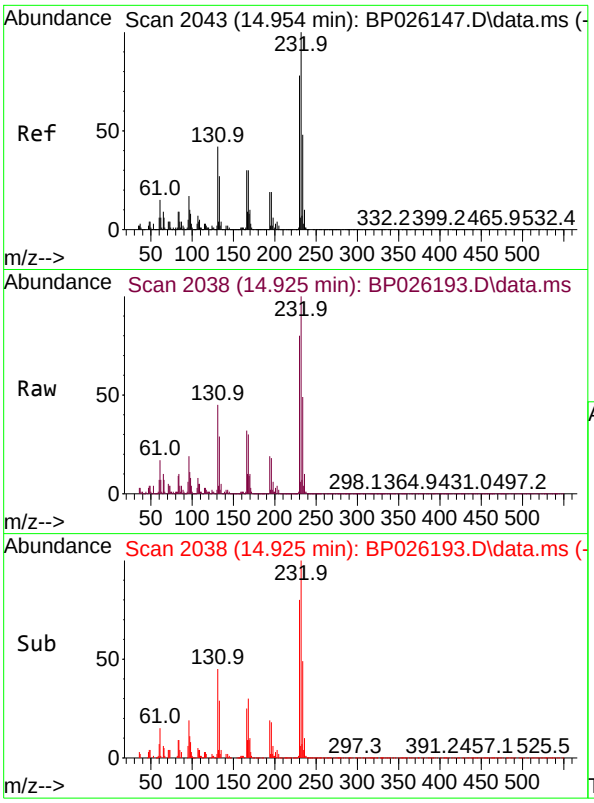




#58
Fluorene
Concen: 30.722 ng
RT: 15.360 min Scan# 2112
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:166 Resp: 1802617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 77.9 | 116.9 |
| 167 | 13.2 | 11.0 | 16.4 |



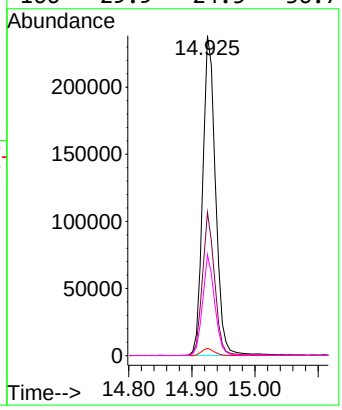


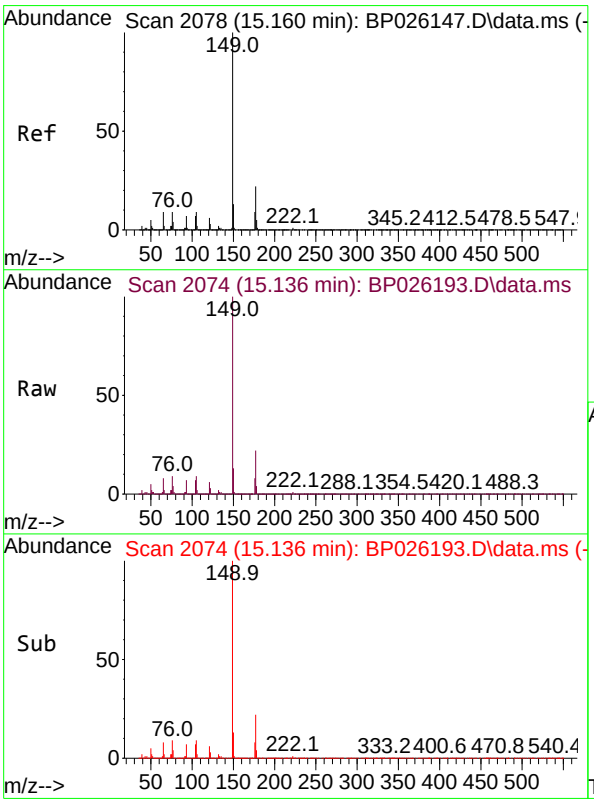

#59
2,3,4,6-Tetrachlorophenol
Concen: 20.497 ng
RT: 14.925 min Scan# 20
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:232 Resp: 336922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.8 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 29.9 | 24.5 | 36.7 |

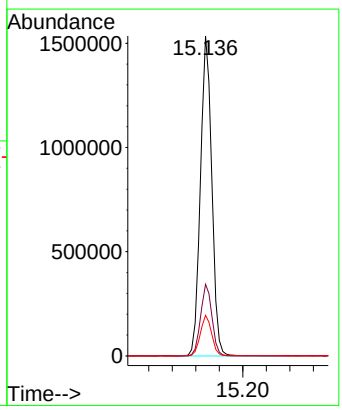


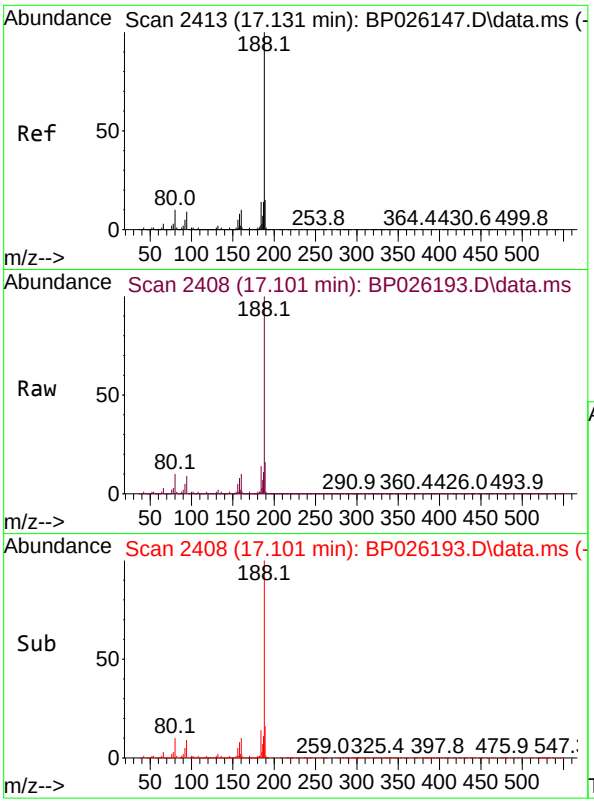




#60
Diethylphthalate
Concen: 32.671 ng
RT: 15.136 min Scan# 2074
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:149 Resp: 2058376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.4 | 17.9 | 26.9 |
| 150 | 12.7 | 9.9 | 14.9 |



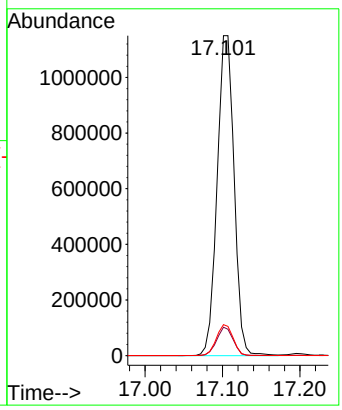


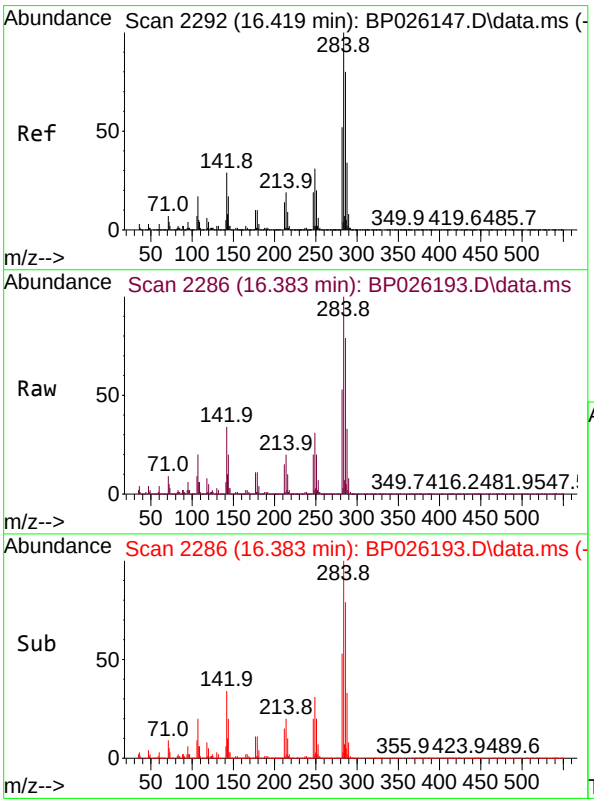

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 24
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:188 Resp: 1750809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 7.8 | 11.6 |
| 80 | 9.7 | 8.2 | 12.2 |

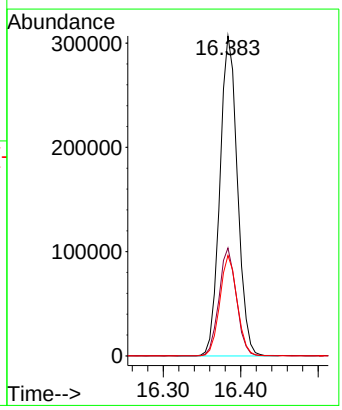


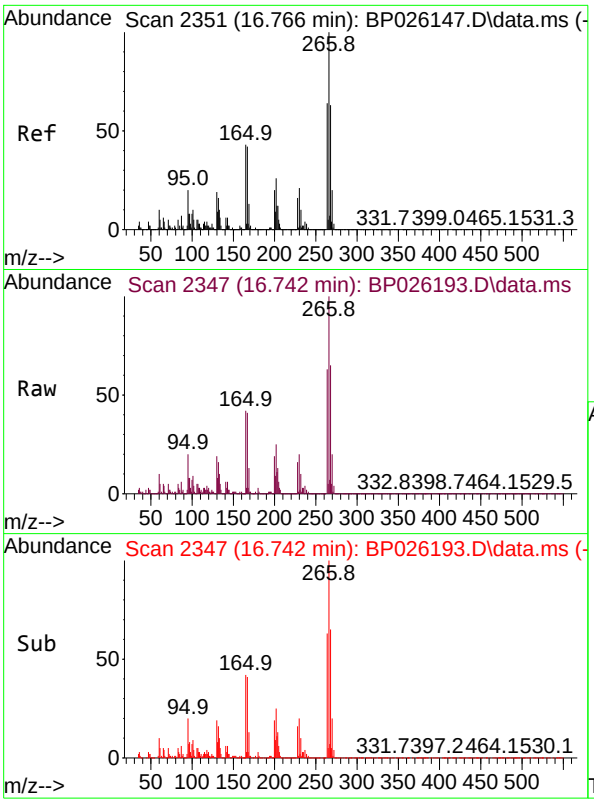




#68
Hexachlorobenzene
Concen: 21.511 ng
RT: 16.383 min Scan# 2286
Delta R.T. -0.041 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:284 Resp: 483979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.7 | 28.0 | 42.0 |
| 249 | 31.4 | 25.0 | 37.4 |



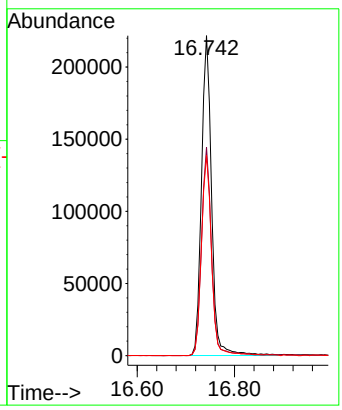


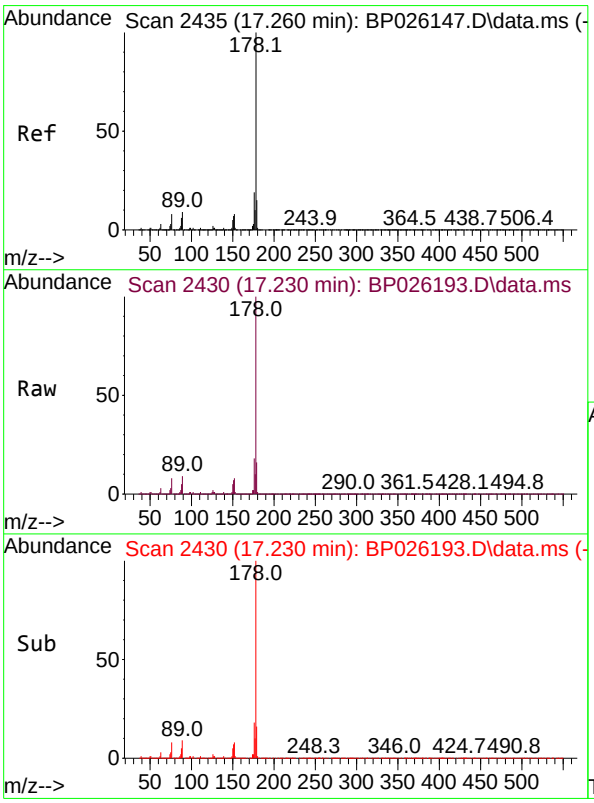

#70
Pentachlorophenol
Concen: 20.295 ng
RT: 16.742 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:266 Resp: 319415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.2 | 51.0 | 76.4 |
| 264 | 62.6 | 50.2 | 75.2 |

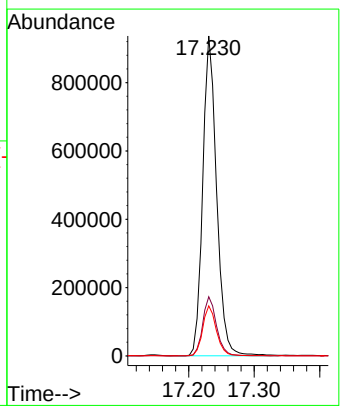


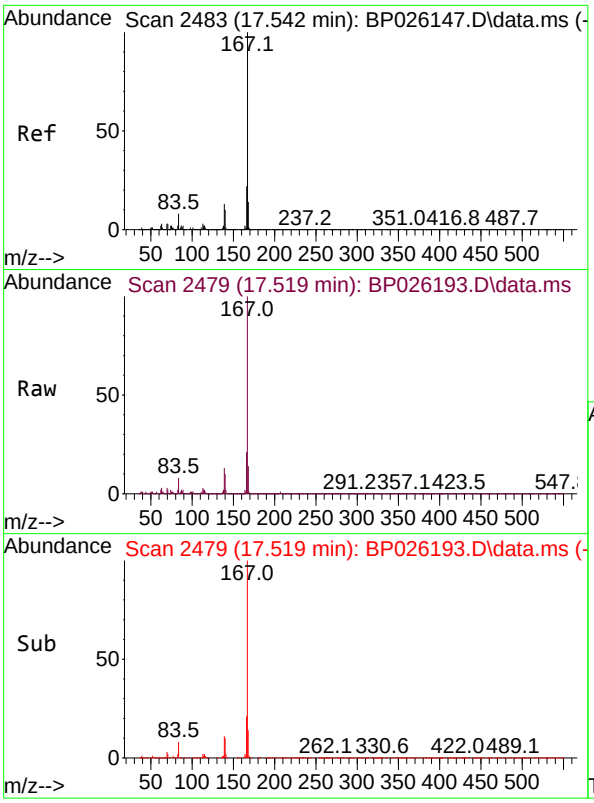




#72
Anthracene
Concen: 13.617 ng
RT: 17.230 min Scan# 2430
Delta R.T. -0.041 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:178 Resp: 1369823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |



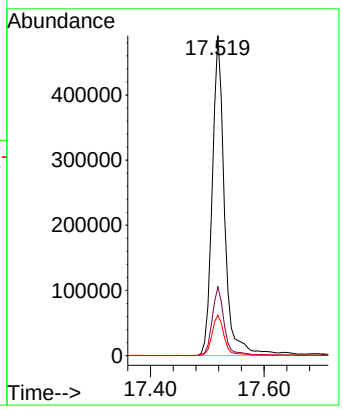


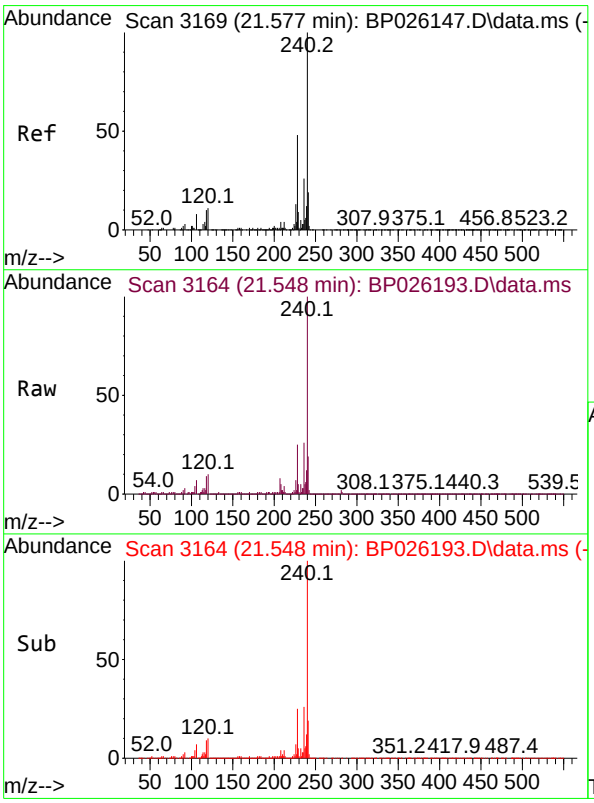

#73
Carbazole
Concen: 7.737 ng
RT: 17.519 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:167 Resp: 739184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.1 | 25.7 |
| 139 | 12.7 | 10.2 | 15.4 |

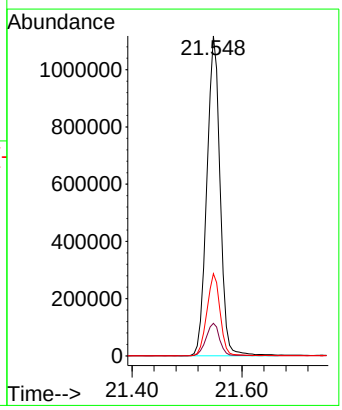


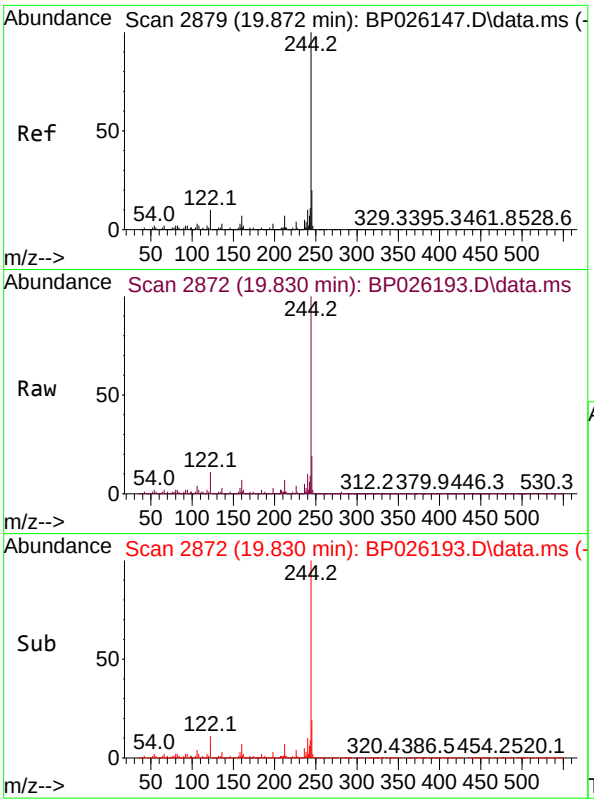




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:240 Resp: 1874137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 9.0 | 13.4 |
| 236 | 25.7 | 20.4 | 30.6 |



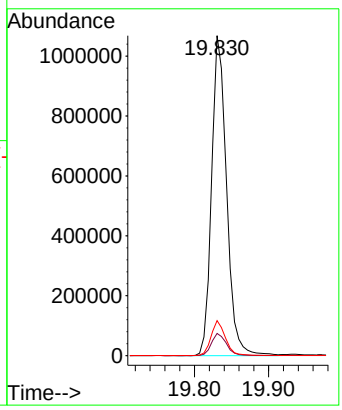


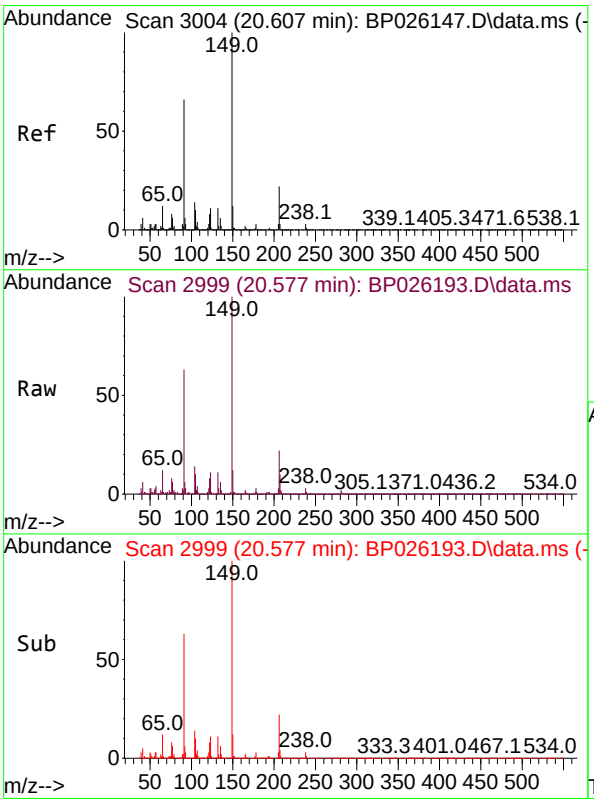

#79
Terphenyl-d14
Concen: 16.332 ng
RT: 19.830 min Scan# 28
Delta R.T. -0.041 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:244 Resp: 1501138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.8 | 8.8 |
| 122 | 10.9 | 8.2 | 12.2 |

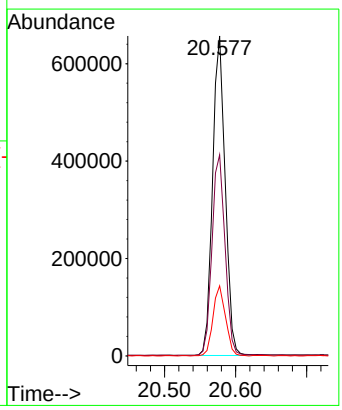


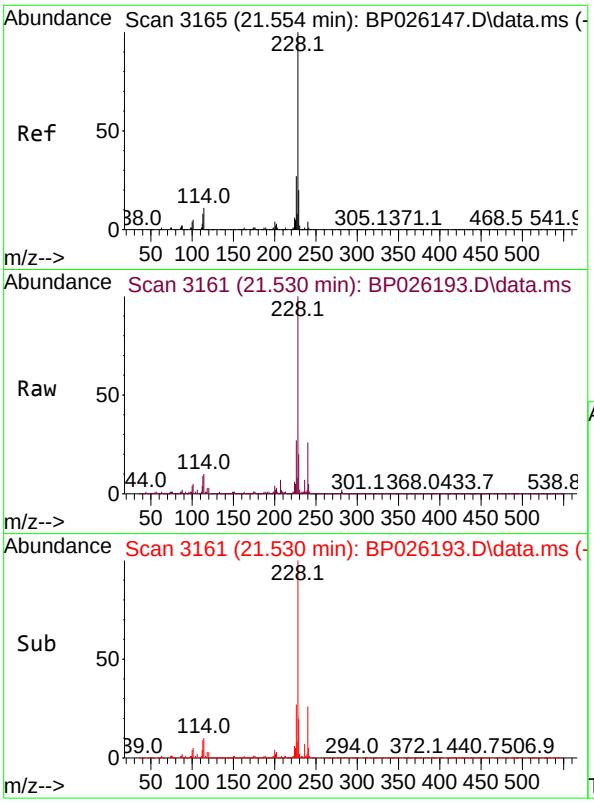




#80
Butylbenzylphthalate
Concen: 15.019 ng
RT: 20.577 min Scan# 2999
Delta R.T. -0.029 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:149 Resp: 812761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.8 | 52.6 | 79.0 |
| 206 | 21.9 | 16.9 | 25.3 |



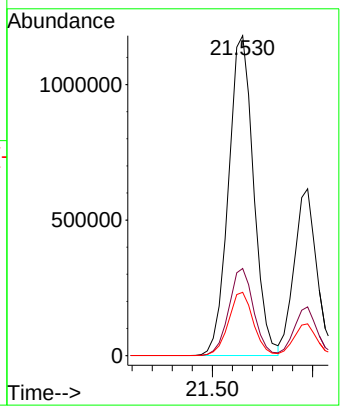


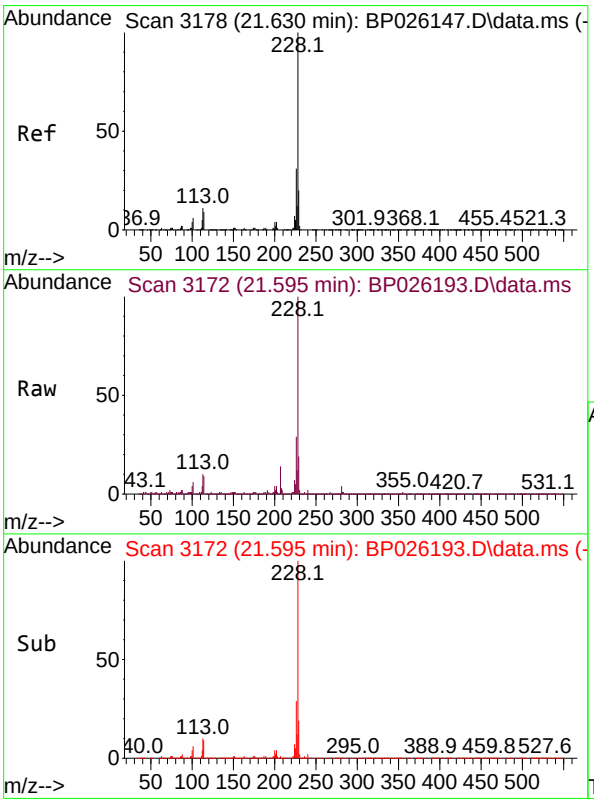

#81
Benzo(a)anthracene
Concen: 15.957 ng
RT: 21.530 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:228 Resp: 2053910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.8 | 32.8 |
| 229 | 19.8 | 15.9 | 23.9 |

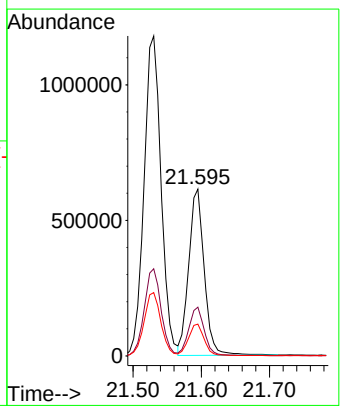


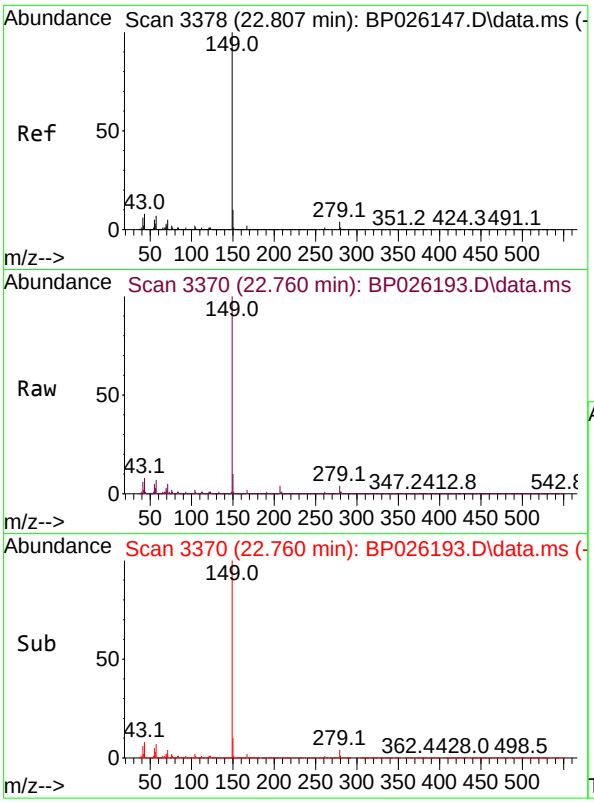




#83
Chrysene
Concen: 8.046 ng
RT: 21.595 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:228 Resp: 976031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 23.9 | 35.9 |
| 229 | 19.0 | 15.9 | 23.9 |



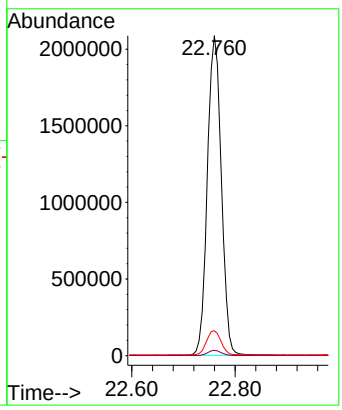


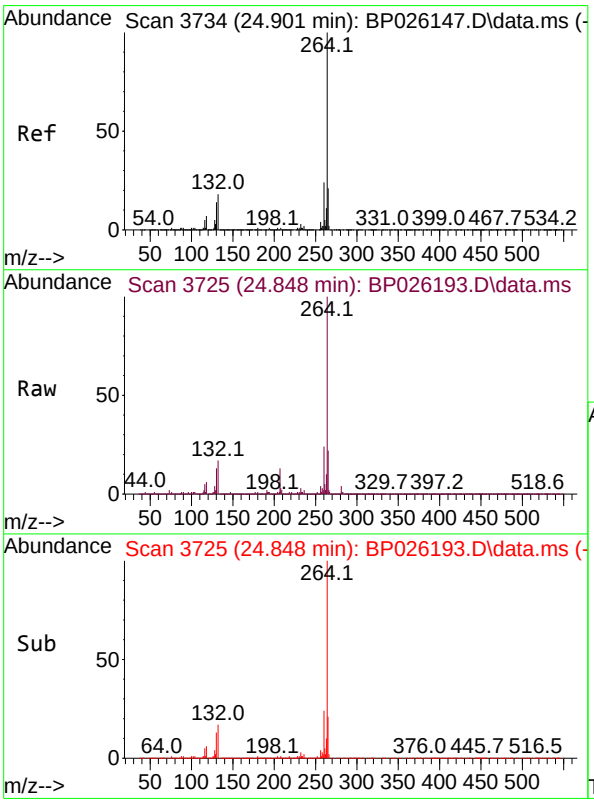

#85
Di-n-octyl phthalate
Concen: 27.369 ng
RT: 22.760 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:149 Resp: 3920389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.8 | 6.6 | 10.0 |

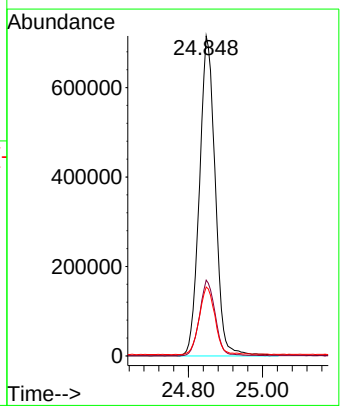


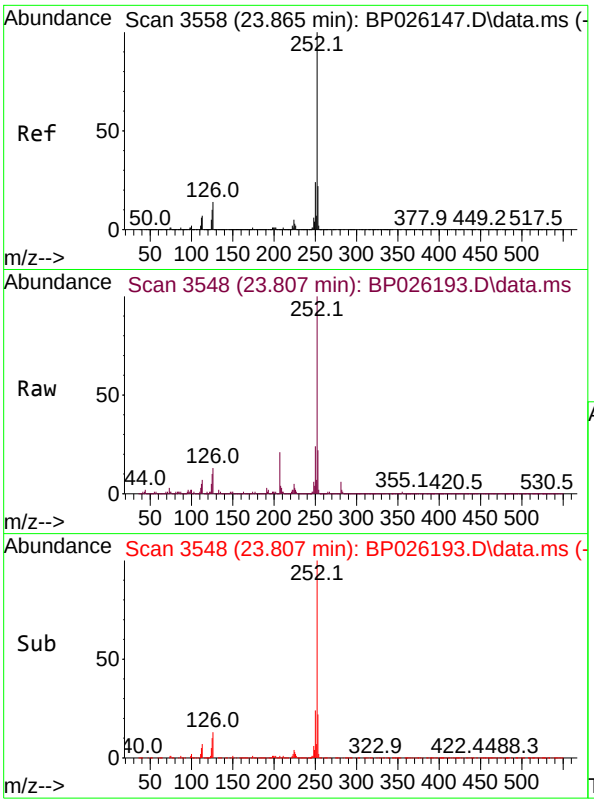




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.848 min Scan# 3725
Delta R.T. -0.059 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:264 Resp: 2122338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.7 | 28.1 |
| 265 | 21.5 | 17.5 | 26.3 |



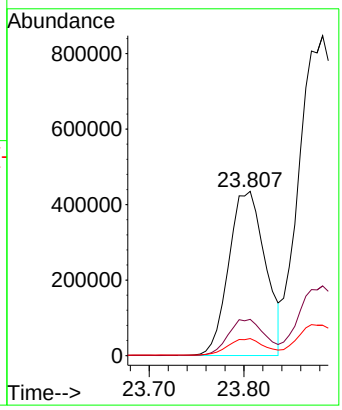


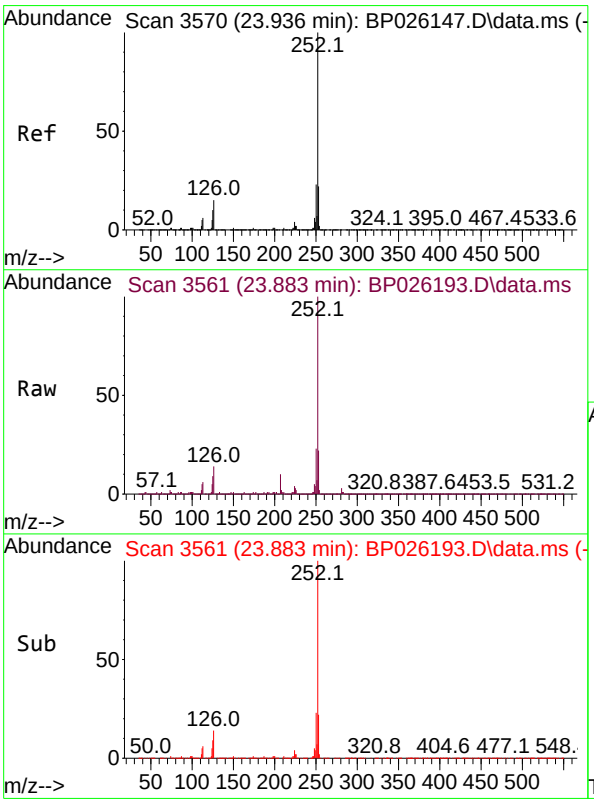

#88
Benzo(b)fluoranthene
Concen: 9.055 ng
RT: 23.807 min Scan# 3
Delta R.T. -0.059 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:252 Resp: 1170272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.4 | 8.2 | 12.4 |

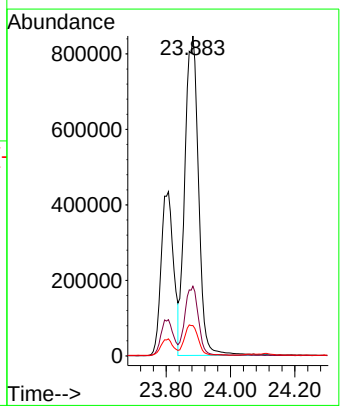


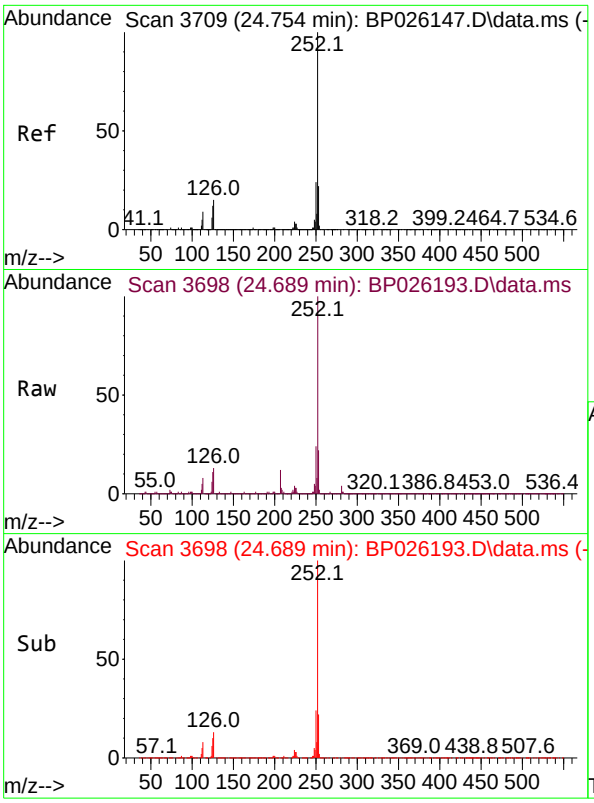




#89
Benzo(k)fluoranthene
Concen: 19.356 ng
RT: 23.883 min Scan# 3561
Delta R.T. -0.053 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

Tgt Ion:252 Resp: 2498737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.6 | 26.4 |
| 125 | 9.5 | 7.5 | 11.3 |



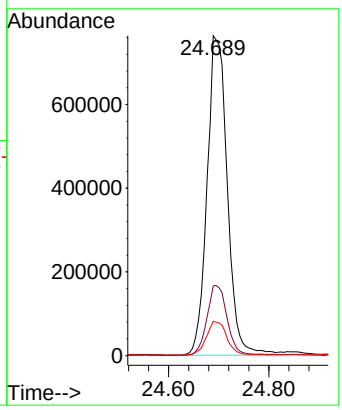



#90
Benzo(a)pyrene
Concen: 17.518 ng
RT: 24.689 min Scan# 3
Delta R.T. -0.065 min
Lab File: BP026193.D
Acq: 26 Nov 2025 18:32

**Instrument :**
BNA_P
**ClientSampleId :**
HW1025-PT-BNA-SOILDL

Tgt Ion:252 Resp: 2144720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.2 |
| 125 | 10.7 | 9.0 | 13.6 |



# CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 12 17:10:56 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064745.D 5 =BG064746.D 10 =BG064747.D 20 =BG064748.D 40 =BG064749.D 50 =BG064750.D 60 =BG064751.D 80 =BG0647
52.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ----------ISTD---------- | | | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.441 | 0.455 | 0.445 | 0.468 | 0.452 | 0.420 | 0.422 | 0.443 | 3.90 |
| 3) | | Pyridine | | 1.269 | 1.297 | 1.315 | 1.365 | 1.355 | 1.344 | 1.303 | 1.321 | 2.62 |
| 4) | | n-Nitrosodimet... | | | 0.657 | 0.664 | 0.687 | 0.690 | 0.672 | 0.665 | 0.672 | 1.95 |
| 5) | S | 2-Fluorophenol | | 1.084 | 1.128 | 1.165 | 1.170 | 1.181 | 1.151 | 1.140 | 1.145 | 2.85 |
| 6) | | Aniline | | 1.783 | 2.001 | 2.105 | 2.109 | 2.125 | 2.034 | 2.057 | 2.030 | 5.82 |
| 7) | S | Phenol-d6 | | 1.388 | 1.466 | 1.539 | 1.580 | 1.616 | 1.535 | 1.540 | 1.523 | 4.95 |
| 8) | | 2-Chlorophenol | | 1.208 | 1.221 | 1.268 | 1.303 | 1.318 | 1.225 | 1.261 | 1.258 | 3.36 |
| 9) | | Benzaldehyde | | | 1.027 | 0.980 | 1.029 | 0.949 | 1.004 | 0.994 | 0.997 | 3.01 |
| 10) | C | Phenol | | 1.501 | 1.584 | 1.666 | 1.711 | 1.774 | 1.669 | 1.698 | 1.657 | 5.40 |
| 11) | | bis(2-Chloroet... | | 1.093 | 1.141 | 1.224 | 1.234 | 1.224 | 1.164 | 1.176 | 1.179 | 4.39 |
| 12) | | 1,3-Dichlorobe... | | 1.410 | 1.423 | 1.487 | 1.492 | 1.467 | 1.412 | 1.440 | 1.447 | 2.38 |
| 13) | C | 1,4-Dichlorobe... | | 1.434 | 1.461 | 1.529 | 1.501 | 1.485 | 1.448 | 1.456 | 1.474 | 2.26 |
| 14) | | 1,2-Dichlorobe... | | 1.416 | 1.371 | 1.444 | 1.475 | 1.447 | 1.429 | 1.419 | 1.429 | 2.27 |
| 15) | | Benzyl Alcohol | | | 1.055 | 1.229 | 1.305 | 1.338 | 1.276 | 1.300 | 1.250 | 8.18 |
| 16) | | 2,2'-oxybis(1-... | | 2.713 | 2.796 | 2.959 | 2.834 | 2.861 | 2.687 | 2.692 | 2.792 | 3.63 |
| 17) | | 2-Methylphenol | | 1.072 | 1.149 | 1.196 | 1.218 | 1.234 | 1.156 | 1.185 | 1.173 | 4.61 |
| 18) | | Hexachloroethane | | 0.584 | 0.549 | 0.572 | 0.563 | 0.550 | 0.541 | 0.548 | 0.558 | 2.76 |
| 19) | P | n-Nitroso-di-n... | 0.924 | 0.875 | 1.015 | 1.116 | 1.097 | 1.138 | 1.036 | 1.039 | 1.030 | 8.93 |
| 20) | | 3+4-Methylphenols | | | 1.480 | 1.628 | 1.649 | 1.670 | 1.602 | 1.610 | 1.607 | 4.14 |
| 21) | I | Naphthalene-d8 | ----------ISTD---------- | | | | | | | | | |
| 22) | | Acetophenone | | 0.465 | 0.536 | 0.581 | 0.561 | 0.555 | 0.547 | 0.571 | 0.545 | 7.02 |
| 23) | S | Nitrobenzene-d5 | | 0.371 | 0.378 | 0.410 | 0.414 | 0.416 | 0.411 | 0.433 | 0.405 | 5.47 |
| 24) | | Nitrobenzene | | 0.353 | 0.398 | 0.431 | 0.415 | 0.417 | 0.415 | 0.432 | 0.409 | 6.62 |
| 25) | | Isophorone | | 0.723 | 0.760 | 0.796 | 0.767 | 0.785 | 0.777 | 0.784 | 0.770 | 3.13 |
| 26) | C | 2-Nitrophenol | | 0.133 | 0.175 | 0.189 | 0.193 | 0.194 | 0.197 | 0.206 | 0.184 | 13.12 |
| 27) | | 2,4-Dimethylph... | | 0.309 | 0.301 | 0.336 | 0.331 | 0.334 | 0.336 | 0.338 | 0.327 | 4.55 |
| 28) | | bis(2-Chloroet... | | 0.383 | 0.419 | 0.444 | 0.425 | 0.432 | 0.423 | 0.435 | 0.423 | 4.63 |
| 29) | C | 2,4-Dichloroph... | | 0.283 | 0.331 | 0.367 | 0.364 | 0.371 | 0.365 | 0.373 | 0.351 | 9.39 |
| 30) | | 1,2,4-Trichlor... | | 0.408 | 0.417 | 0.443 | 0.424 | 0.418 | 0.419 | 0.435 | 0.423 | 2.83 |
| 31) | | Naphthalene | | 1.076 | 1.163 | 1.170 | 1.141 | 1.123 | 1.120 | 1.145 | 1.134 | 2.79 |
| 32) | | Benzoic acid | | | 0.135 | 0.166 | 0.204 | 0.221 | 0.255 | 0.248 | 0.205 | 22.85 |
| 33) | | 4-Chloroaniline | | 0.357 | 0.452 | 0.477 | 0.471 | 0.472 | 0.466 | 0.479 | 0.454 | 9.61 |
| 34) | C | Hexachlorobuta... | | 0.365 | 0.353 | 0.370 | 0.366 | 0.358 | 0.357 | 0.374 | 0.363 | 2.14 |
| 35) | | Caprolactam | | | 0.090 | 0.104 | 0.103 | 0.114 | 0.107 | 0.111 | 0.105 | 8.03 |
| 36) | C | 4-Chloro-3-met... | | 0.348 | 0.388 | 0.399 | 0.390 | 0.402 | 0.402 | 0.404 | 0.390 | 5.07 |
| 37) | | 2-Methylnaphth... | | 0.820 | 0.842 | 0.902 | 0.844 | 0.850 | 0.835 | 0.846 | 0.848 | 3.03 |
| 38) | | 1-Methylnaphth... | | 0.844 | 0.841 | 0.880 | 0.834 | 0.835 | 0.820 | 0.845 | 0.843 | 2.20 |

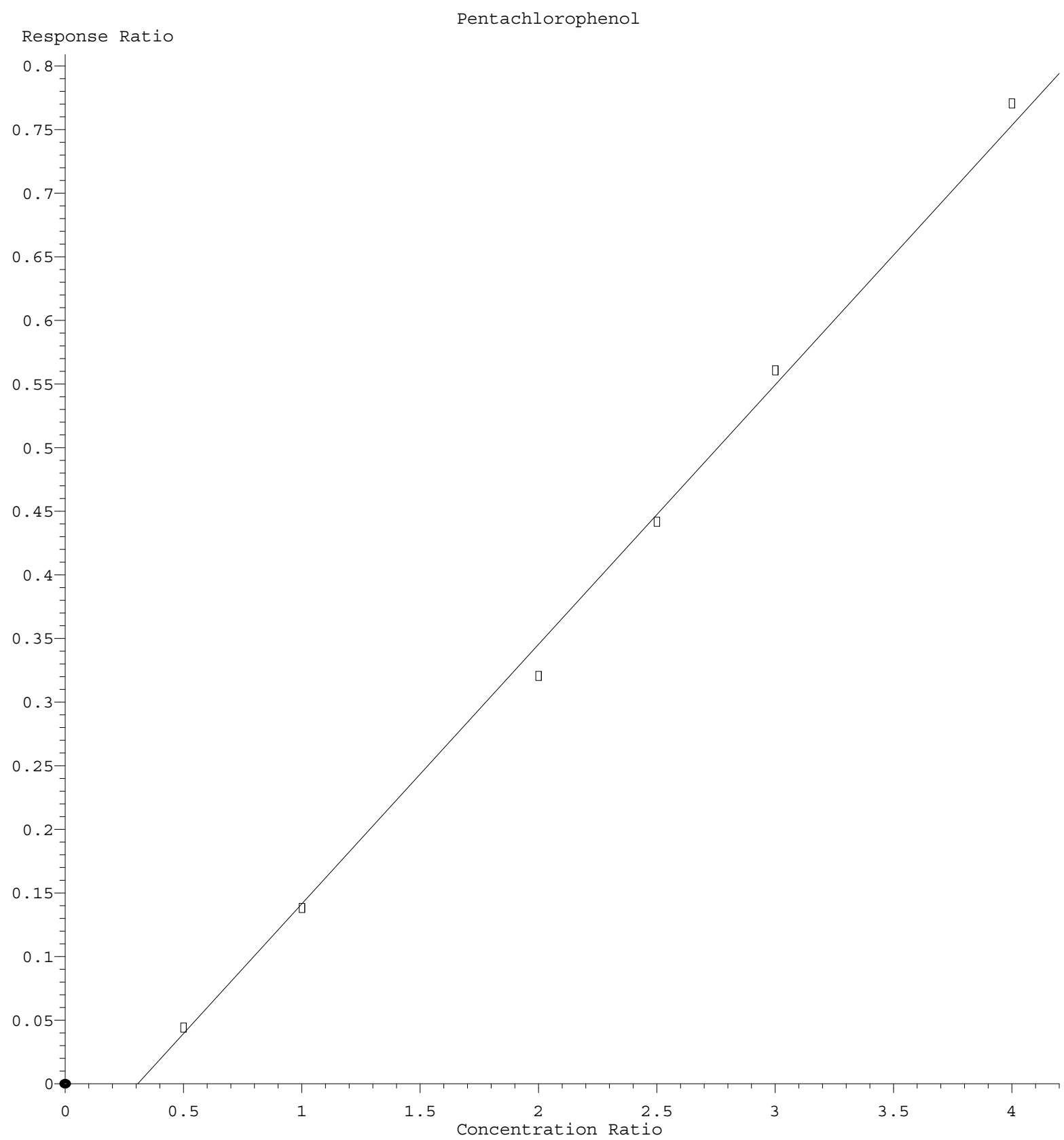
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.756 | 0.746 | 0.811 | 0.782 | 0.759 | 0.789 | 0.806 | 0.778 | 3.25 |
| 41) | P | Hexachlorocycl... | | 0.478 | 0.547 | 0.560 | 0.557 | 0.592 | 0.612 | 0.558 | 8.28 |
| 42) | S | 2,4,6-Tribromo... | 0.346 | 0.384 | 0.410 | 0.386 | 0.398 | 0.403 | 0.404 | 0.390 | 5.53 |
| 43) | C | 2,4,6-Trichlor... | 0.386 | 0.432 | 0.472 | 0.465 | 0.474 | 0.481 | 0.487 | 0.457 | 7.90 |
| 44) | | 2,4,5-Trichlor... | 0.467 | 0.460 | 0.546 | 0.521 | 0.520 | 0.531 | 0.543 | 0.512 | 6.82 |
| 45) | S | 2-Fluorobiphenyl | 1.403 | 1.445 | 1.509 | 1.420 | 1.400 | 1.434 | 1.422 | 1.433 | 2.58 |
| 46) | | 1,1'-Biphenyl | 1.416 | 1.417 | 1.498 | 1.428 | 1.405 | 1.441 | 1.449 | 1.436 | 2.17 |
| 47) | | 2-Chloronaphth... | 1.124 | 1.112 | 1.167 | 1.120 | 1.116 | 1.138 | 1.146 | 1.132 | 1.74 |
| 48) | | 2-Nitroaniline | 0.291 | 0.345 | 0.373 | 0.371 | 0.383 | 0.391 | 0.394 | 0.364 | 9.94 |
| 49) | | Acenaphthylene | 1.839 | 1.928 | 1.996 | 1.930 | 1.932 | 1.967 | 1.942 | 1.933 | 2.51 |
| 50) | | Dimethylphthalate | 1.535 | 1.569 | 1.654 | 1.549 | 1.580 | 1.592 | 1.581 | 1.580 | 2.42 |
| 51) | | 2,6-Dinitrotol... | 0.265 | 0.281 | 0.313 | 0.305 | 0.317 | 0.322 | 0.325 | 0.304 | 7.36 |
| 52) | C | Acenaphthene | 1.072 | 1.104 | 1.169 | 1.166 | 1.177 | 1.213 | 1.212 | 1.159 | 4.56 |
| 53) | | 3-Nitroaniline | 0.247 | 0.277 | 0.301 | 0.306 | 0.320 | 0.326 | 0.323 | 0.300 | 9.57 |
| 54) | P | 2,4-Dinitrophenol | | 0.060 | 0.114 | 0.169 | 0.189 | 0.198 | 0.221 | 0.158 | 38.04 |
| 55) | | Dibenzofuran | 1.897 | 1.991 | 1.994 | 1.867 | 1.892 | 1.889 | 1.885 | 1.916 | 2.75 |
| 56) | P | 4-Nitrophenol | | 0.181 | 0.224 | 0.241 | 0.257 | 0.261 | 0.264 | 0.238 | 13.24 |
| 57) | | 2,4-Dinitrotol... | 0.376 | 0.426 | 0.477 | 0.462 | 0.472 | 0.489 | 0.489 | 0.456 | 9.08 |
| 58) | | Fluorene | 1.481 | 1.569 | 1.595 | 1.471 | 1.462 | 1.475 | 1.469 | 1.503 | 3.65 |
| 59) | | 2,3,4,6-Tetrac... | 0.418 | 0.480 | 0.521 | 0.501 | 0.536 | 0.543 | 0.539 | 0.506 | 8.85 |
| 60) | | Diethylphthalate | 1.443 | 1.521 | 1.585 | 1.492 | 1.532 | 1.520 | 1.501 | 1.513 | 2.84 |
| 61) | | 4-Chlorophenyl... | 0.892 | 0.927 | 0.940 | 0.880 | 0.882 | 0.894 | 0.899 | 0.902 | 2.53 |
| 62) | | 4-Nitroaniline | 0.245 | 0.288 | 0.318 | 0.320 | 0.335 | 0.335 | 0.334 | 0.311 | 10.71 |
| 63) | | Azobenzene | 1.244 | 1.292 | 1.309 | 1.235 | 1.250 | 1.255 | 1.227 | 1.259 | 2.40 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | 0.073 | 0.099 | 0.117 | 0.121 | 0.126 | 0.131 | 0.111 | 19.44 |
| 66) | c | n-Nitrosodiphe... | 0.483 | 0.531 | 0.544 | 0.538 | 0.519 | 0.528 | 0.524 | 0.524 | 3.79 |
| 67) | | 4-Bromophenyl-... | 0.241 | 0.263 | 0.269 | 0.269 | 0.259 | 0.269 | 0.267 | 0.263 | 3.86 |
| 68) | | Hexachlorobenzene | 0.312 | 0.312 | 0.326 | 0.320 | 0.318 | 0.317 | 0.323 | 0.318 | 1.67 |
| 69) | | Atrazine | 0.245 | 0.251 | 0.257 | 0.253 | 0.254 | 0.253 | 0.256 | 0.253 | 1.53 |
| 70) | C | Pentachlorophenol | | 0.088 | 0.138 | 0.160 | 0.177 | 0.187 | 0.193 | 0.157 | 24.85 |
| 71) | | Phenanthrene | 1.075 | 1.118 | 1.123 | 1.099 | 1.081 | 1.090 | 1.074 | 1.094 | 1.84 |
| 72) | | Anthracene | 1.098 | 1.122 | 1.152 | 1.113 | 1.099 | 1.113 | 1.114 | 1.116 | 1.62 |
| 73) | | Carbazole | 0.926 | 0.987 | 0.982 | 0.971 | 0.944 | 0.955 | 0.950 | 0.959 | 2.27 |
| 74) | | Di-n-butylphth... | 0.998 | 1.107 | 1.105 | 1.077 | 1.076 | 1.070 | 1.059 | 1.070 | 3.41 |
| 75) | C | Fluoranthene | 1.508 | 1.558 | 1.531 | 1.494 | 1.461 | 1.475 | 1.448 | 1.496 | 2.61 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | 0.674 | 0.631 | 0.561 | 0.618 | 0.552 | 0.557 | 0.599 | 8.29 |
| 78) | | Pyrene | 1.076 | 1.089 | 1.145 | 1.111 | 1.164 | 1.136 | 1.125 | 1.121 | 2.78 |
| 79) | S | Terphenyl-d14 | 1.018 | 1.028 | 1.060 | 1.012 | 1.040 | 0.993 | 0.967 | 1.017 | 3.01 |
| 80) | | Butylbenzylpht... | 0.377 | 0.391 | 0.402 | 0.391 | 0.404 | 0.397 | 0.398 | 0.394 | 2.37 |
| 81) | | Benzo(a)anthra... | 1.338 | 1.371 | 1.395 | 1.379 | 1.357 | 1.334 | 1.346 | 1.360 | 1.66 |
| 82) | | 3,3'-Dichlorob... | | 0.501 | 0.518 | 0.517 | 0.507 | 0.479 | 0.481 | 0.501 | 3.35 |
| 83) | | Chrysene | 1.266 | 1.292 | 1.301 | 1.309 | 1.267 | 1.275 | 1.264 | 1.282 | 1.44 |
| 84) | | Bis(2-ethylhex... | 0.582 | 0.581 | 0.598 | 0.583 | 0.571 | 0.564 | 0.553 | 0.576 | 2.54 |
| 85) | c | Di-n-octyl pht... | | 0.993 | 1.026 | 1.038 | 0.983 | 0.974 | 0.962 | 0.996 | 2.99 |

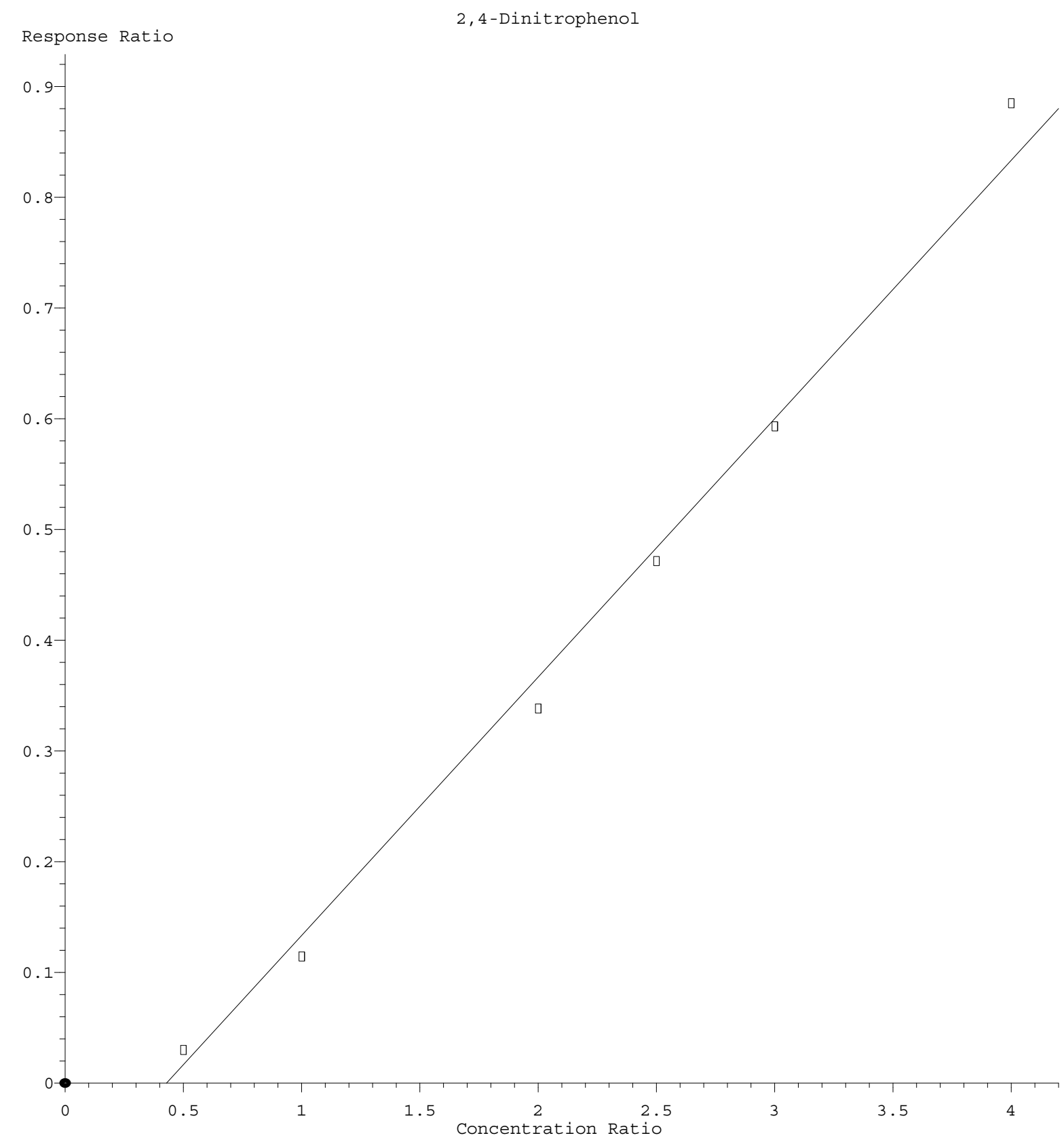
Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.262 | 1.324 | 1.388 | 1.399 | 1.404 | 1.404 | 1.438 | 1.374 | 4.38 |
| 88) | | Benzo(b)fluora... | 1.190 | 1.250 | 1.299 | 1.291 | 1.279 | 1.304 | 1.296 | 1.273 | 3.21 |
| 89) | | Benzo(k)fluora... | 1.245 | 1.296 | 1.321 | 1.249 | 1.279 | 1.256 | 1.305 | 1.279 | 2.32 |
| 90) | C | Benzo(a)pyrene | 1.131 | 1.176 | 1.197 | 1.191 | 1.182 | 1.189 | 1.199 | 1.181 | 1.99 |
| 91) | | Dibenzo(a,h)an... | 1.026 | 1.092 | 1.128 | 1.151 | 1.155 | 1.147 | 1.180 | 1.126 | 4.60 |
| 92) | | Benzo(g,h,i)pe... | 1.000 | 1.044 | 1.091 | 1.105 | 1.108 | 1.104 | 1.131 | 1.083 | 4.19 |

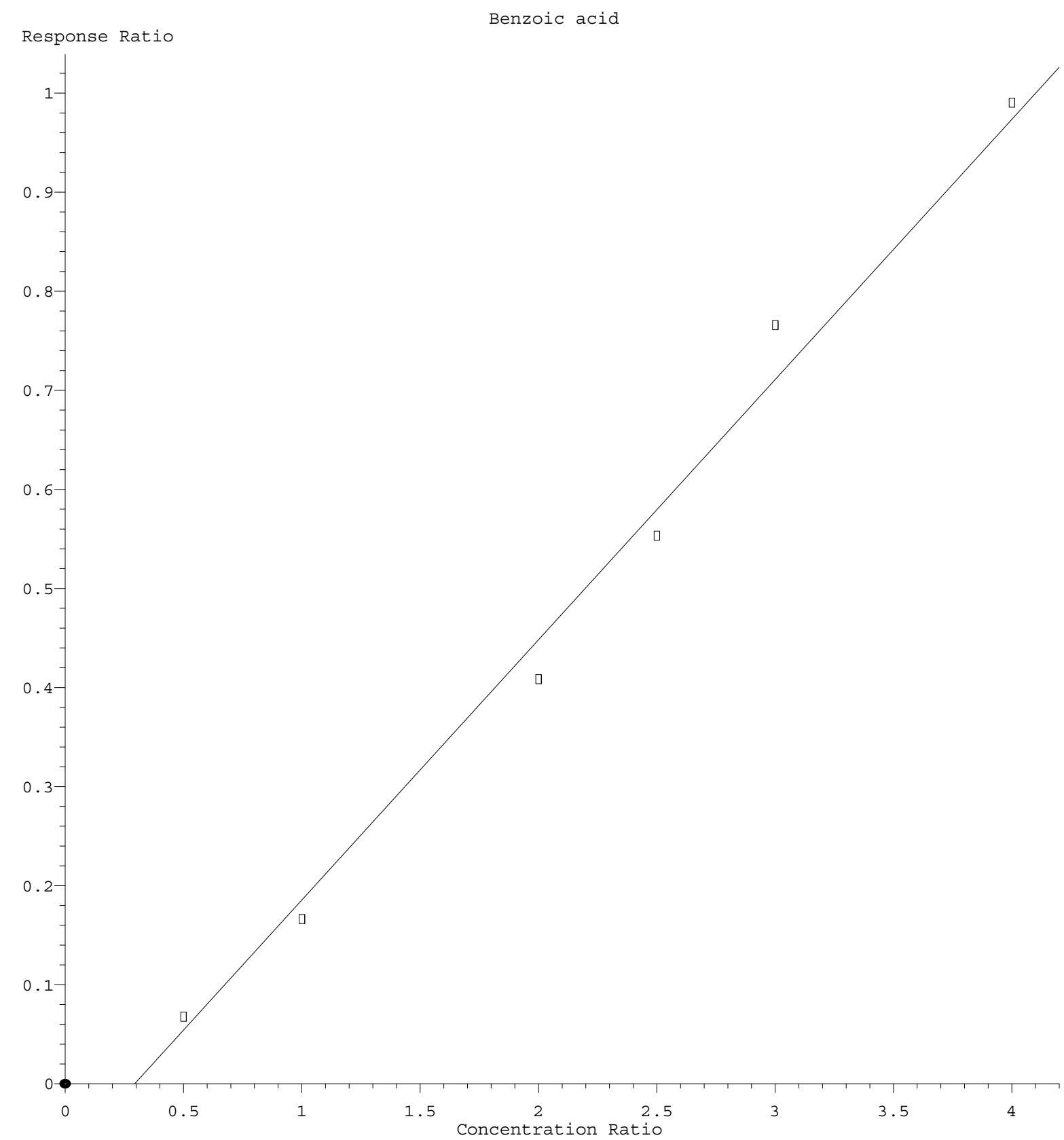
(#) = Out of Range




Response = 2.040e-001 * Amt - 6.265e-002
Coef of Det (r^2) = 0.997613  Curve Fit: wlr(1/a)
Method Name:  Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111225.M
Calibration Table Last Updated: Wed Nov 12 17:10:56 2025




Response = 2.333e-001 * Amt - 1.001e-001
Coef of Det (r^2) = 0.993193  Curve Fit: wlr(1/a)
Method Name:  Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111225.M
Calibration Table Last Updated: Wed Nov 12 17:10:56 2025




Response = 2.627e-001 * Amt - 7.726e-002
Coef of Det (r^2) = 0.991680  Curve Fit: wlr(1/a)
Method Name:  Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111225.M
Calibration Table Last Updated: Wed Nov 12 17:10:56 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064745.D
Acq On : 12 Nov 2025 11:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Quant Time: Nov 12 16:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.164 | 152 | 30283 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.984 | 136 | 120993 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.774 | 164 | 104200 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.506 | 188 | 264137 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.754 | 240 | 384466 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.021 | 264 | 379930 | 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... | 8.963 | 70 | 3497 | 2.242 | ng | # 86 |

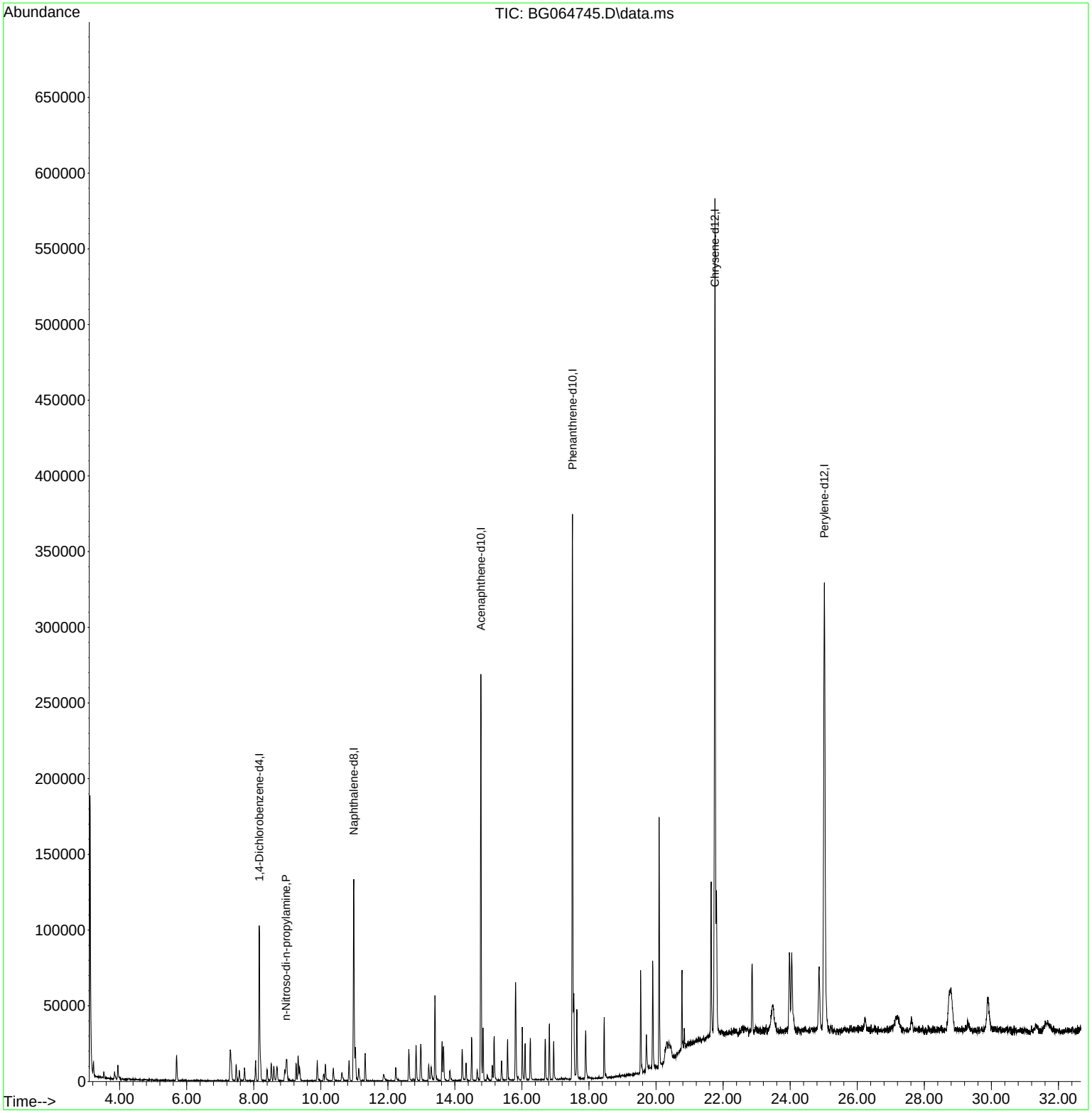
(#) = qualifier out of range (m) = manual integration (+) = signals summed

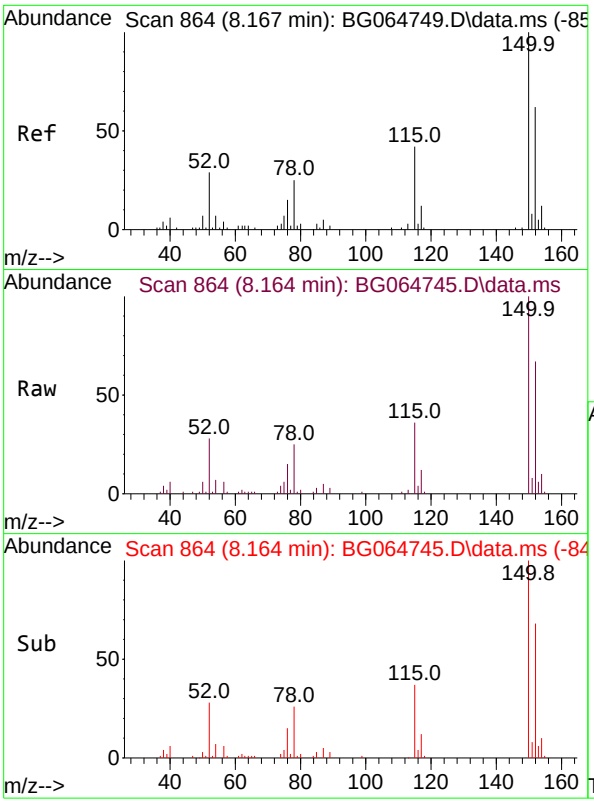
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064745.D
Acq On : 12 Nov 2025 11:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Quant Time: Nov 12 16:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration



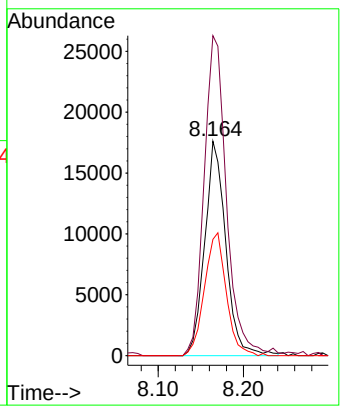


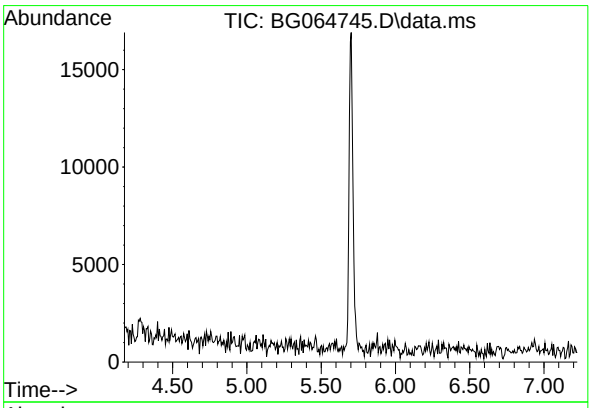

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:152 Resp: 30283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.3 | 129.2 | 193.8 |
| 115 | 54.3 | 53.7 | 80.5 |



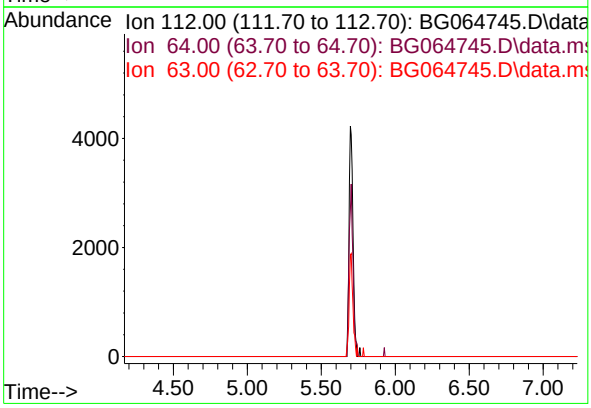



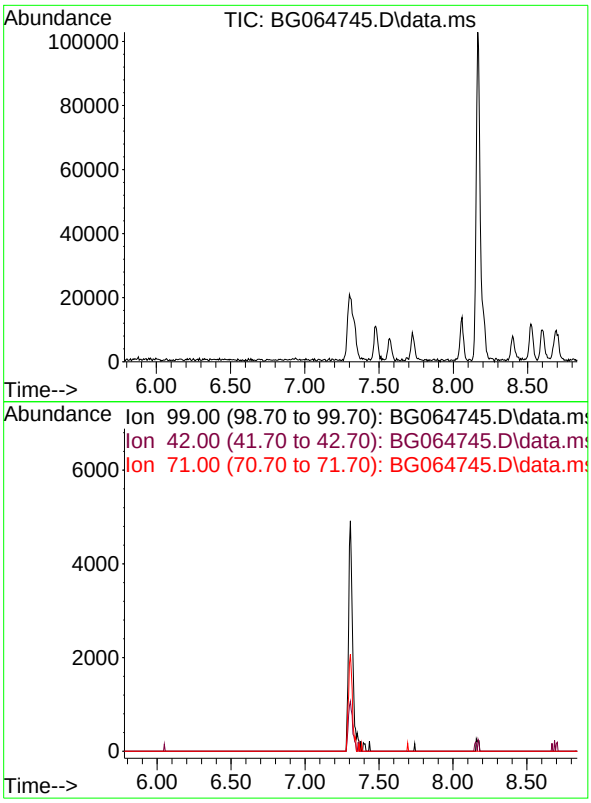

#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.70 min

Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 76.2 |
| 63 | 41.6 |





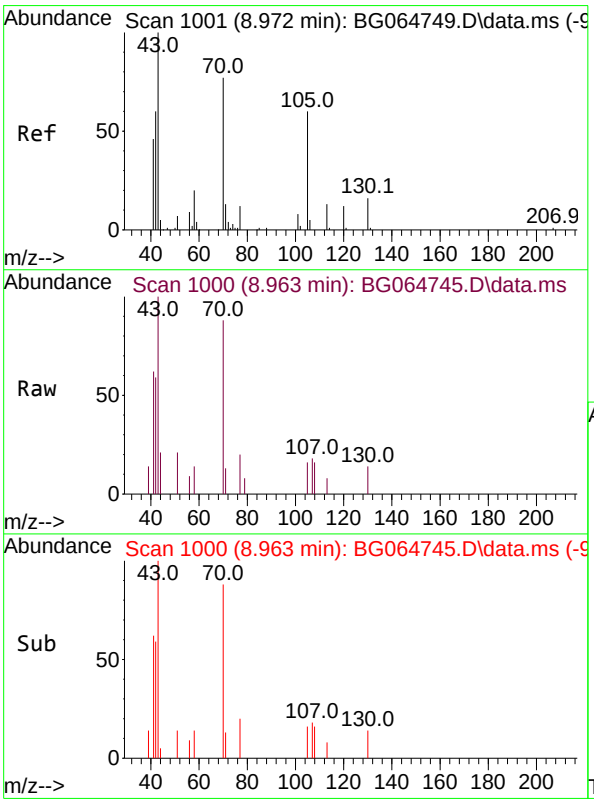

#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.31 min

Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 99

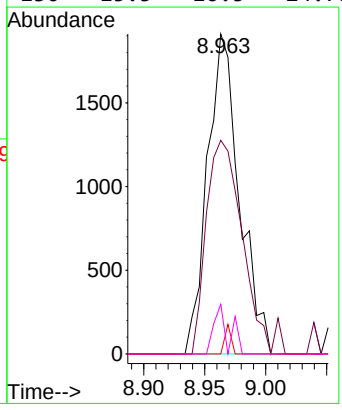
| Sig | Exp Ratio |
|---|---|
| 99 | 100 |
| 42 | 21.0 |
| 71 | 38.9 |

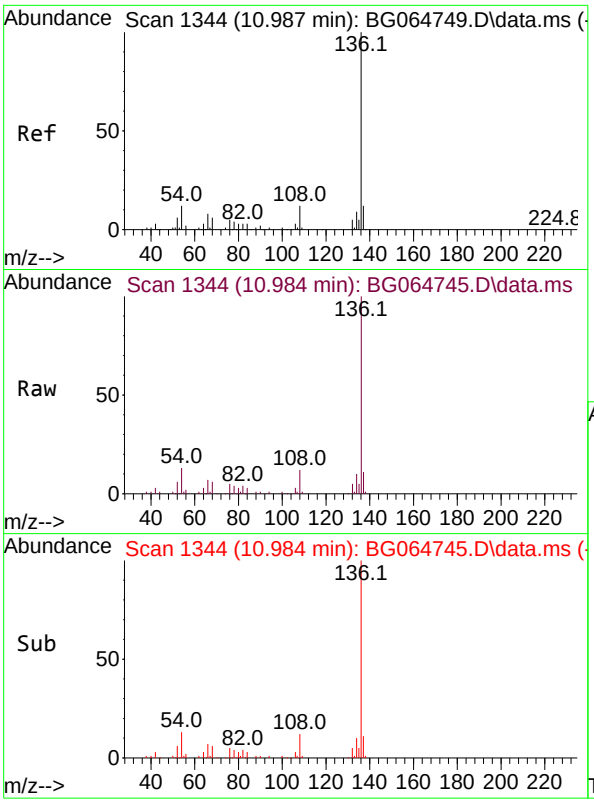



#19
n-Nitroso-di-n-propylamine
Concen: 2.242 ng
RT: 8.963 min Scan# 1000
Delta R.T. -0.009 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion: 70 Resp: 3497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 66.7 | 62.6 | 93.8 |
| 101 | 0.0 | 8.0 | 12.0# |
| 130 | 15.5 | 16.5 | 24.7# |



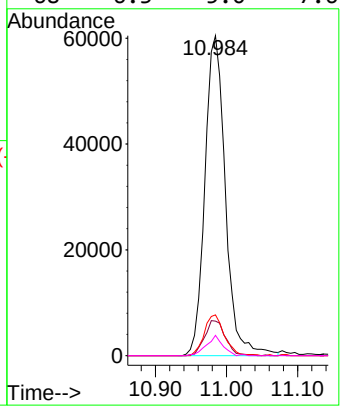


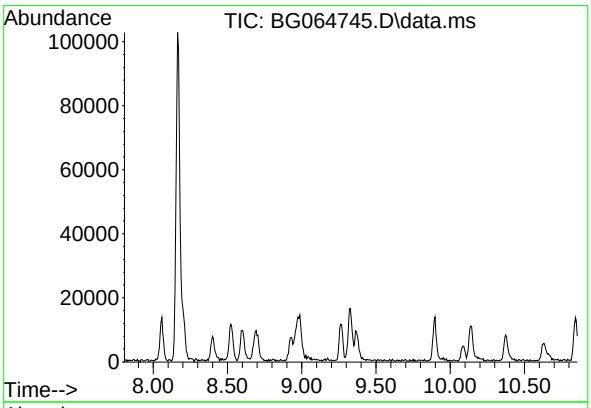

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:136 Resp: 120993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.3 | 13.9 |
| 54 | 12.7 | 9.3 | 13.9 |
| 68 | 6.3 | 5.0 | 7.6 |



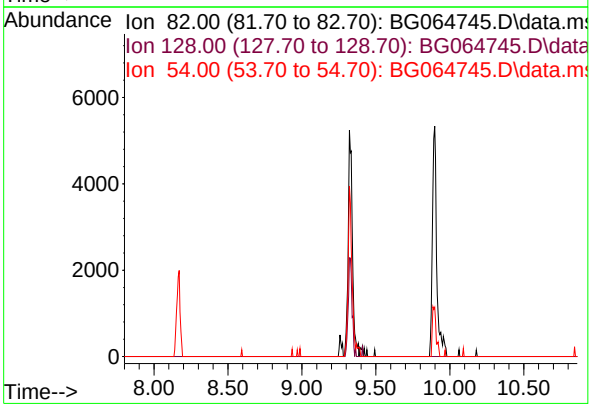



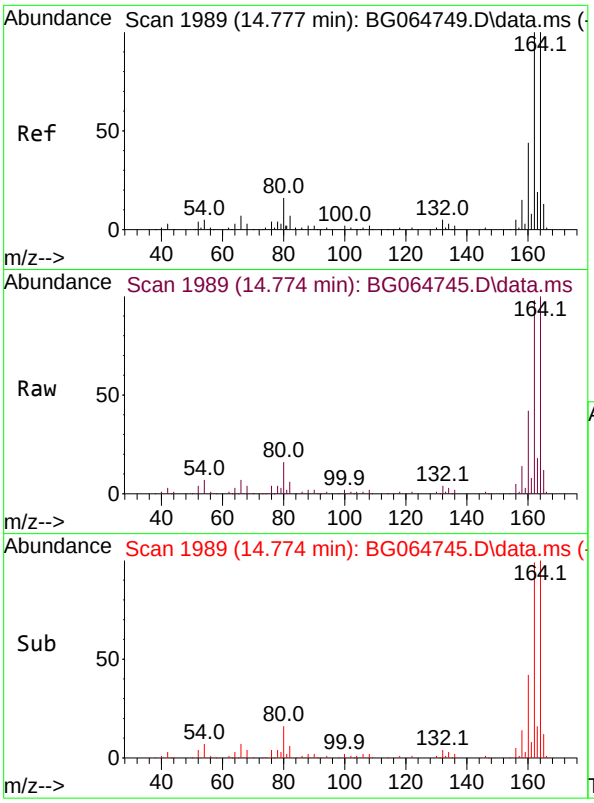

#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.33 min

Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion: 82

| Sig | Exp Ratio |
|---|---|
| 82 | 100 |
| 128 | 42.6 |
| 54 | 67.9 |



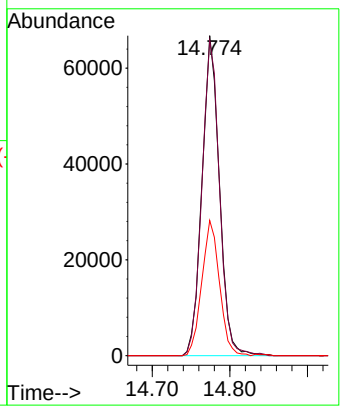


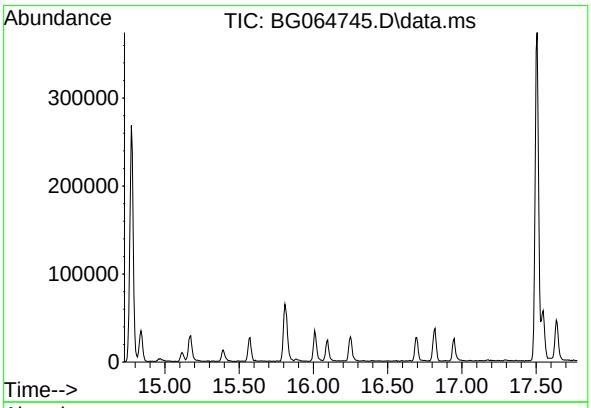

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:164 Resp: 104200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.5 | 79.8 | 119.6 |
| 160 | 42.2 | 34.9 | 52.3 |



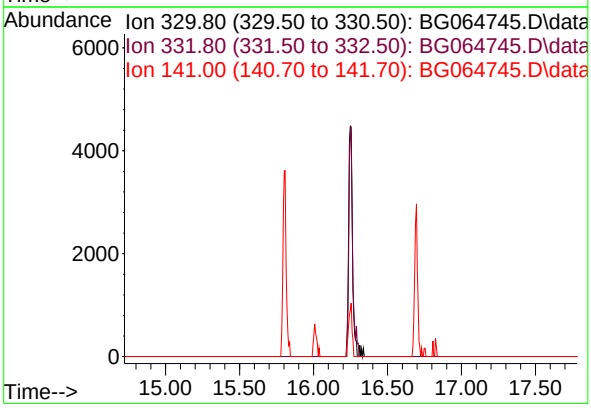



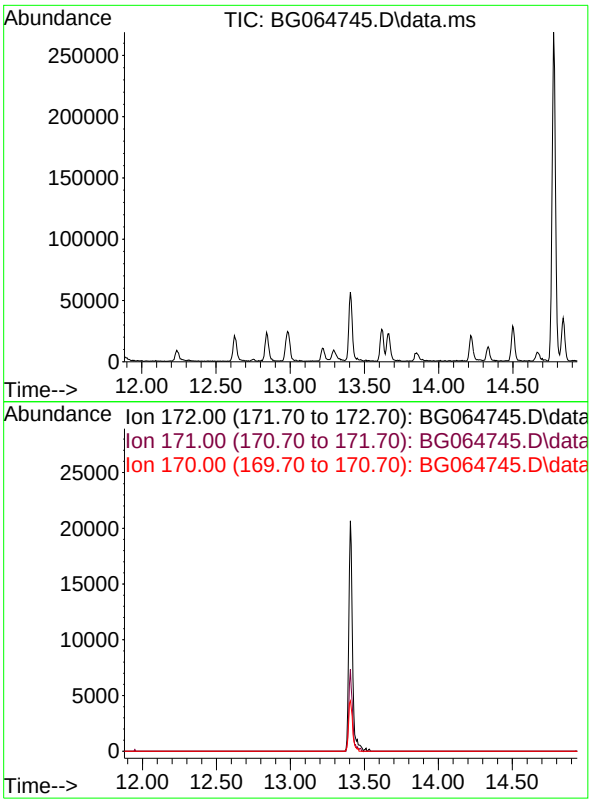

#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 16.25 min

Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 96.3 |
| 141 | 22.7 |





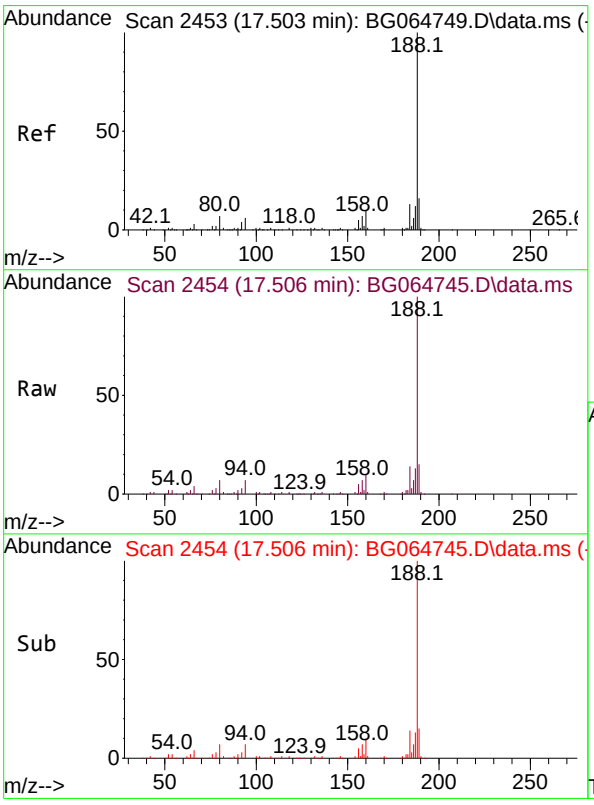

#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.41 min

Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 172

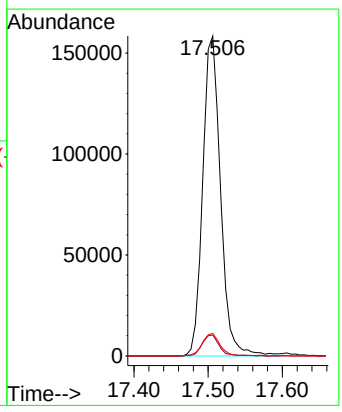
| Sig | Exp Ratio |
|---|---|
| 172 | 100 |
| 171 | 37.4 |
| 170 | 24.7 |

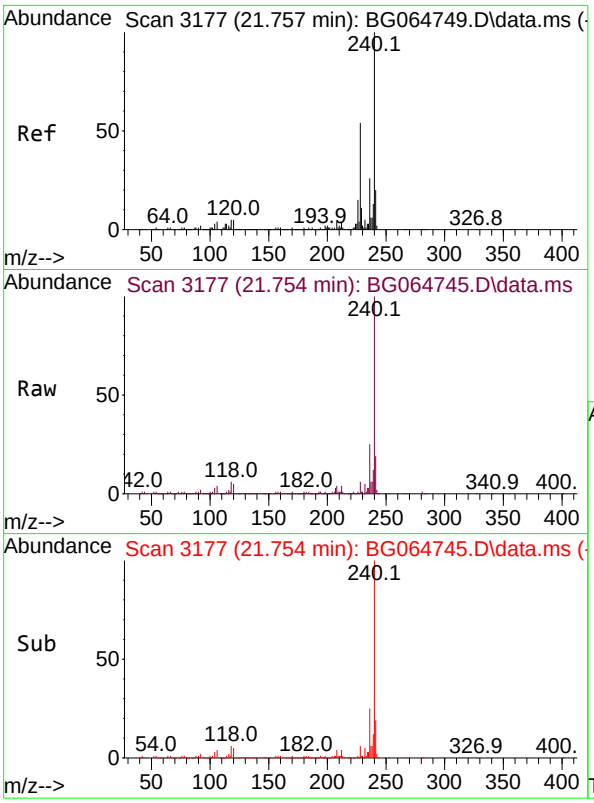



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion:188 Resp: 264137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.5 | 4.7 | 7.1 |
| 80 | 7.0 | 5.4 | 8.2 |



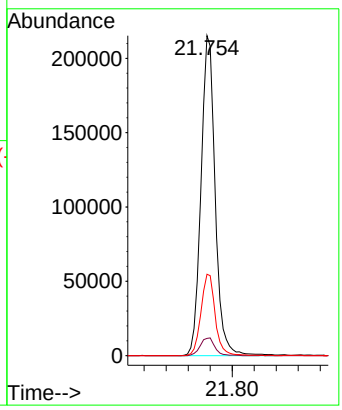


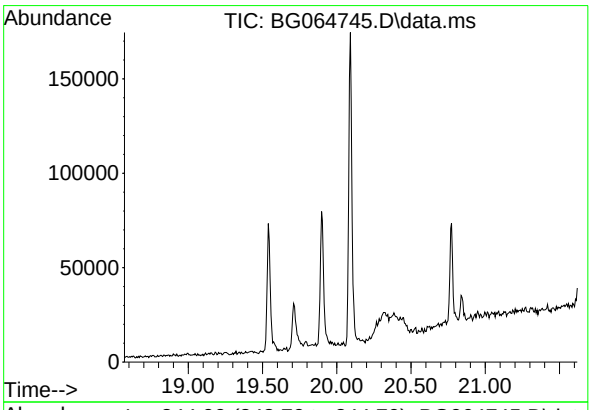

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:240 Resp: 384466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.4 | 4.2 | 6.4 |
| 236 | 25.4 | 20.8 | 31.2 |



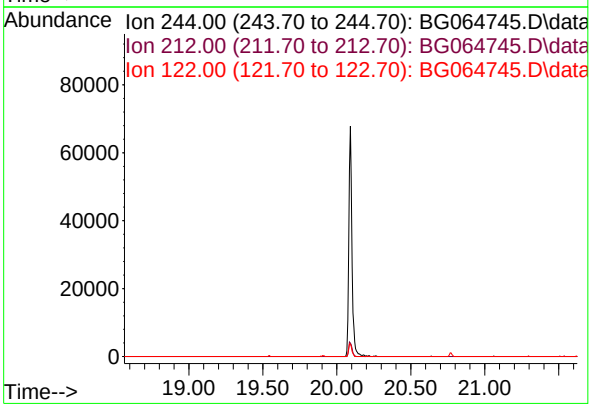



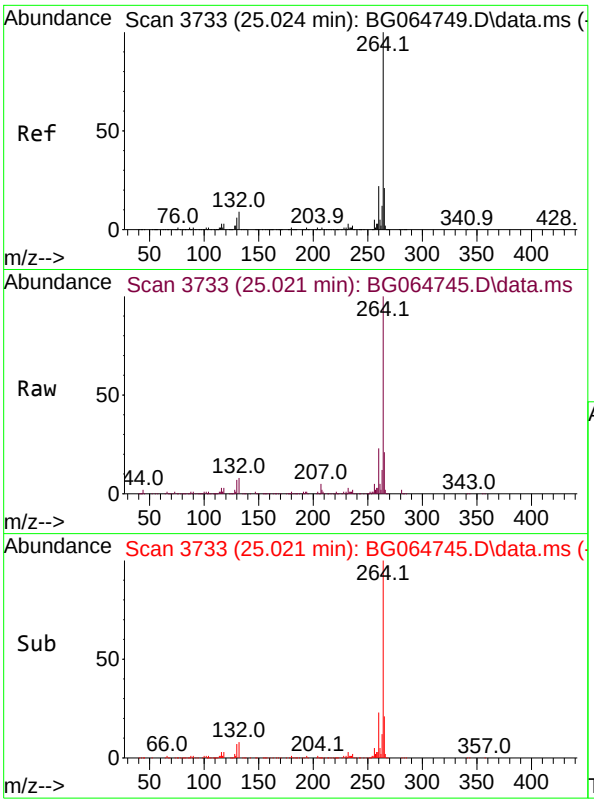

#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.09 min

Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 7.2 |
| 122 | 5.4 |



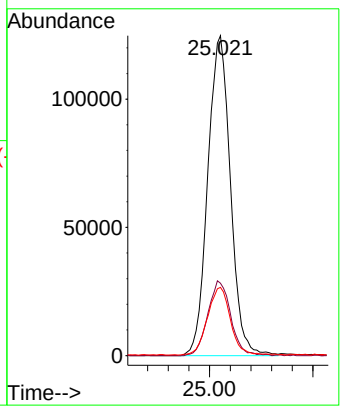



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:264 Resp: 379930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 17.2 | 25.8 |
| 265 | 21.3 | 16.6 | 25.0 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064746.D
Acq On : 12 Nov 2025 11:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:54:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.169 | 152 | 28610 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.984 | 136 | 112954 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.779 | 164 | 92156 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.505 | 188 | 243880 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.753 | 240 | 367769 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.020 | 264 | 386937 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.702 | 112 | 15503 | 9.462 | ng | | 0.00 |
| 7) Phenol-d6 | 7.306 | 99 | 19854 | 9.111 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.327 | 82 | 20950 | 9.170 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.248 | 330 | 15951 | 8.875 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.404 | 172 | 64649 | 9.789 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.091 | 244 | 187118 | 10.008 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.534 | 88 | 3153 | 4.971 | ng | | 88 |
| 3) Pyridine | 3.951 | 79 | 9078 | 4.803 | ng | | 93 |
| 6) Aniline | 7.476 | 93 | 12750 | 4.390 | ng | | 96 |
| 8) 2-Chlorophenol | 7.723 | 128 | 8639 | 4.802 | ng | | 96 |
| 10) Phenol | 7.335 | 94 | 10737 | 4.529 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.570 | 93 | 7820 | 4.635 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 8.052 | 146 | 10085m | 4.872 | ng | | |
| 13) 1,4-Dichlorobenzene | 8.205 | 146 | 10257 | 4.866 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 8.522 | 146 | 10131 | 4.957 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.698 | 45 | 19405 | 4.859 | ng | | 95 |
| 17) 2-Methylphenol | 8.604 | 107 | 7665 | 4.569 | ng | | 86 |
| 18) Hexachloroethane | 9.262 | 117 | 4175 | 5.229 | ng | | 87 |
| 19) n-Nitroso-di-n-propyla... | 8.968 | 70 | 6258 | 4.247 | ng | # | 89 |
| 22) Acetophenone | 8.992 | 105 | 13123 | 4.264 | ng | # | 95 |
| 24) Nitrobenzene | 9.368 | 77 | 9979 | 4.323 | ng | | 95 |
| 25) Isophorone | 9.897 | 82 | 20406 | 4.691 | ng | | 98 |
| 26) 2-Nitrophenol | 10.091 | 139 | 3766 | 3.627 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 10.138 | 122 | 8732 | 4.734 | ng | # | 88 |
| 28) bis(2-Chloroethoxy)met... | 10.378 | 93 | 10809 | 4.526 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.631 | 162 | 7998 | 4.039 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.849 | 180 | 11516 | 4.816 | ng | # | 77 |
| 31) Naphthalene | 11.037 | 128 | 30376 | 4.744 | ng | | 99 |
| 33) 4-Chloroaniline | 11.136 | 127 | 10074 | 3.933 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.324 | 225 | 10318 | 5.029 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.235 | 107 | 9819 | 4.455 | ng | # | 94 |
| 37) 2-Methylnaphthalene | 12.629 | 142 | 23148m | 4.831 | ng | | |
| 38) 1-Methylnaphthalene | 12.840 | 142 | 23834m | 5.007 | ng | | |
| 40) 1,2,4,5-Tetrachloroben... | 12.987 | 216 | 17425 | 4.859 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.216 | 196 | 8887 | 4.222 | ng | | 93 |
| 44) 2,4,5-Trichlorophenol | 13.299 | 196 | 10762 | 4.559 | ng | | 86 |
| 46) 1,1'-Biphenyl | 13.616 | 154 | 32631 | 4.930 | ng | | 93 |
| 47) 2-Chloronaphthalene | 13.663 | 162 | 25885 | 4.964 | ng | | 97 |
| 48) 2-Nitroaniline | 13.851 | 65 | 6700 | 3.995 | ng | | 94 |
| 49) Acenaphthylene | 14.503 | 152 | 42371 | 4.756 | ng | | 97 |
| 50) Dimethylphthalate | 14.221 | 163 | 35365 | 4.858 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.339 | 165 | 6116 | 4.366 | ng | # | 88 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064746.D
Acq On : 12 Nov 2025 11:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:54:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 52) Acenaphthene | 14.838 | 154 | 24706 | 4.625 | ng | | 97 |
| 53) 3-Nitroaniline | 14.662 | 138 | 5697 | 4.121 | ng | | 88 |
| 55) Dibenzofuran | 15.173 | 168 | 43714 | 4.950 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 15.114 | 165 | 8655 | 4.121 | ng | # | 94 |
| 58) Fluorene | 15.813 | 166 | 34116 | 4.926 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.390 | 232 | 9634 | 4.136 | ng | # | 93 |
| 60) Diethylphthalate | 15.572 | 149 | 33242 | 4.767 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.802 | 204 | 20557 | 4.946 | ng | | 96 |
| 62) 4-Nitroaniline | 15.813 | 138 | 5656 | 3.949 | ng | | 93 |
| 63) Azobenzene | 16.095 | 77 | 28653 | 4.940 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 16.007 | 169 | 29441 | 4.609 | ng | | 90 |
| 67) 4-Bromophenyl-phenylether | 16.695 | 248 | 14722 | 4.597 | ng | | 88 |
| 68) Hexachlorobenzene | 16.812 | 284 | 19015 | 4.900 | ng | # | 94 |
| 69) Atrazine | 16.947 | 200 | 14933 | 4.849 | ng | | 87 |
| 71) Phenanthrene | 17.547 | 178 | 65553 | 4.913 | ng | | 97 |
| 72) Anthracene | 17.635 | 178 | 66926 | 4.919 | ng | | 98 |
| 73) Carbazole | 17.899 | 167 | 56453 | 4.826 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.451 | 149 | 60823 | 4.661 | ng | | 99 |
| 75) Fluoranthene | 19.538 | 202 | 91935 | 5.039 | ng | | 98 |
| 78) Pyrene | 19.903 | 202 | 98904 | 4.798 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.772 | 149 | 34617 | 4.775 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.736 | 228 | 123005 | 4.919 | ng | | 97 |
| 83) Chrysene | 21.800 | 228 | 116400 | 4.937 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.636 | 149 | 53498 | 5.050 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.745 | 276 | 122095 | 4.593 | ng | # | 98 |
| 88) Benzo(b)fluoranthene | 23.980 | 252 | 115075 | 4.673 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 24.045 | 252 | 120411 | 4.867 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.856 | 252 | 109366 | 4.788 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.804 | 278 | 99211 | 4.556 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.897 | 276 | 96719 | 4.615 | ng | # | 95 |

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

ICAL Form

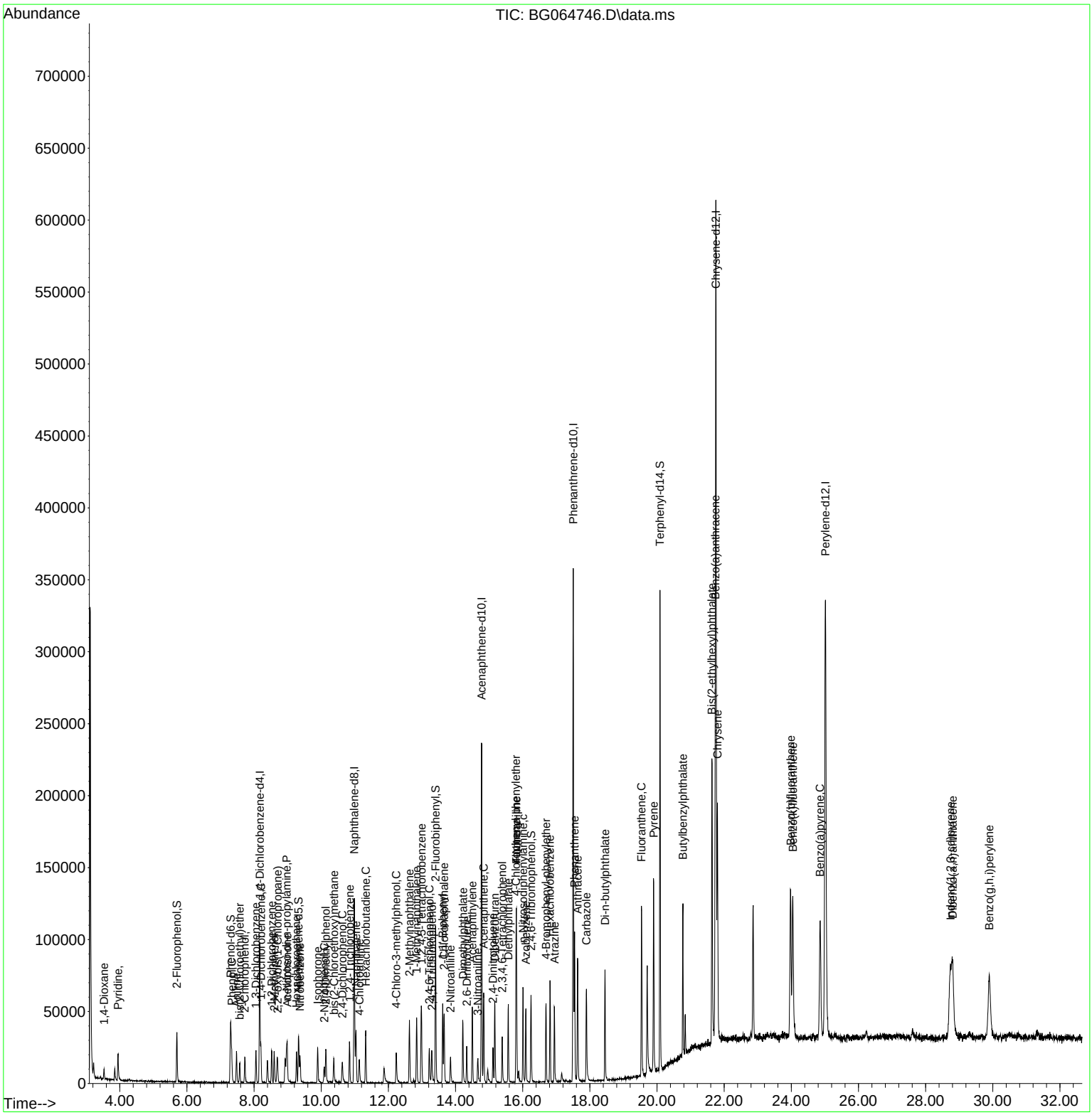
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064746.D
Acq On : 12 Nov 2025 11:58
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

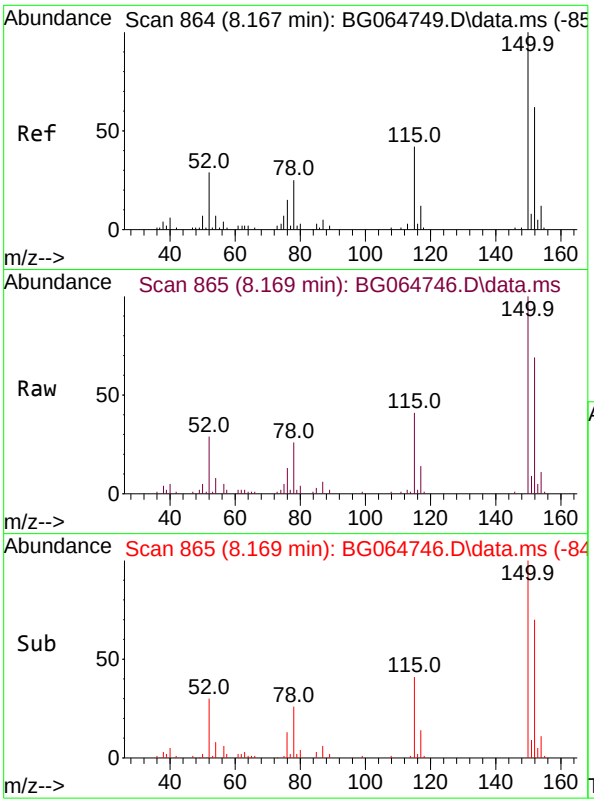
Quant Time: Nov 12 16:54:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

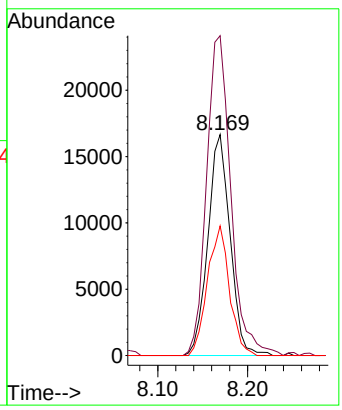





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:152 Resp: 2861

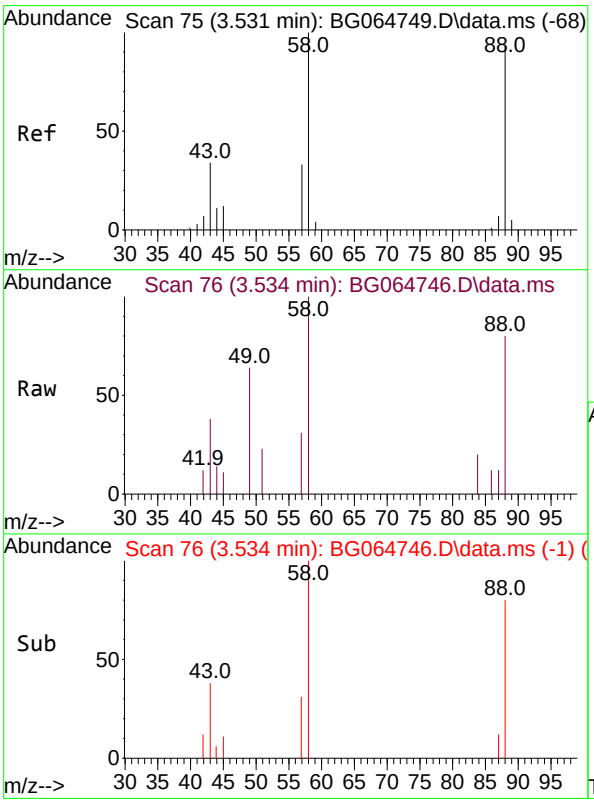
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.8 | 129.2 | 193.8 |
| 115 | 58.7 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

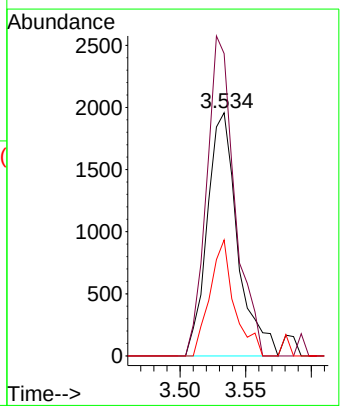
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

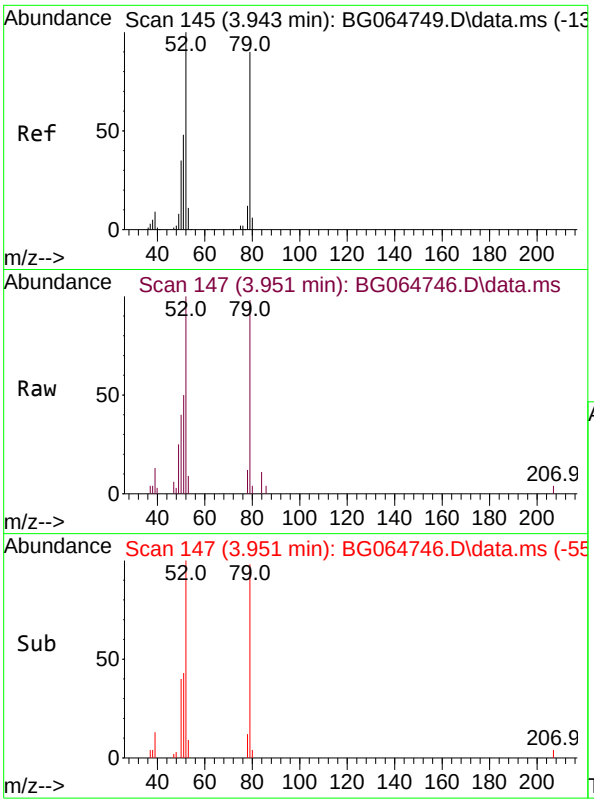



#2
1,4-Dioxane
Concen: 4.971 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 88 Resp: 3153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 121.4 | 84.6 | 126.8 |
| 43 | 38.5 | 30.0 | 45.0 |

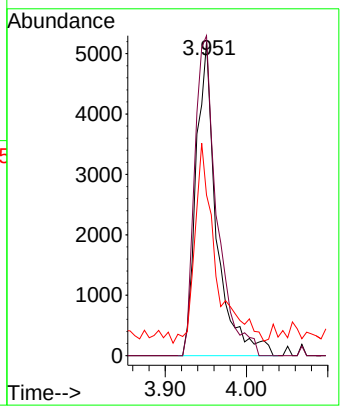





#3
Pyridine
Concen: 4.803 ng
RT: 3.951 min Scan# 14
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 79 Resp: 907

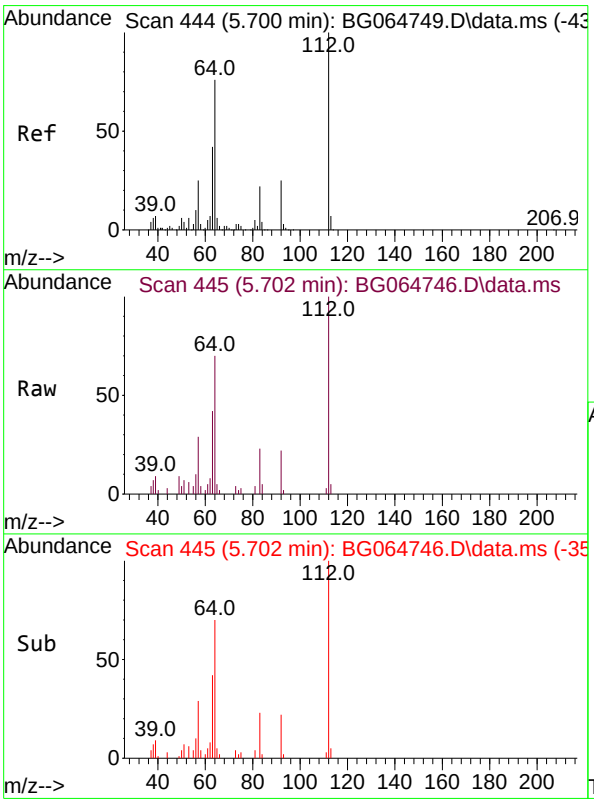
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 102.1 | 89.0 | 133.4 |
| 51 | 51.3 | 43.4 | 65.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

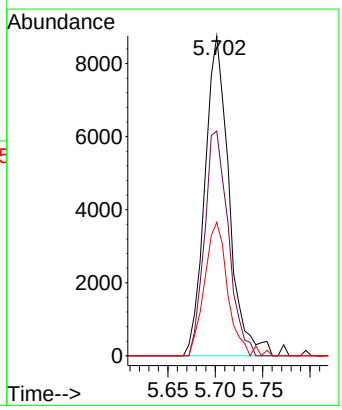
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

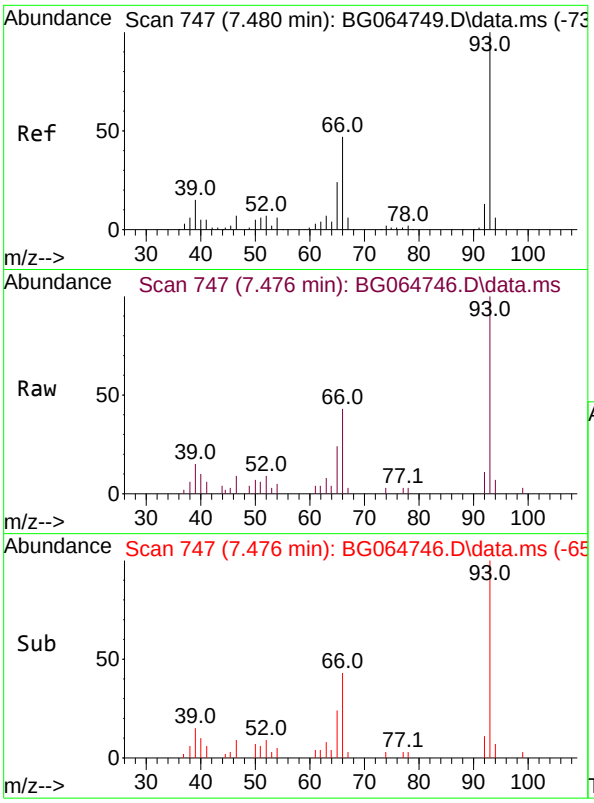



#5
2-Fluorophenol
Concen: 9.462 ng
RT: 5.702 min Scan# 445
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:112 Resp: 15503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.3 | 61.0 | 91.4 |
| 63 | 41.7 | 33.3 | 49.9 |

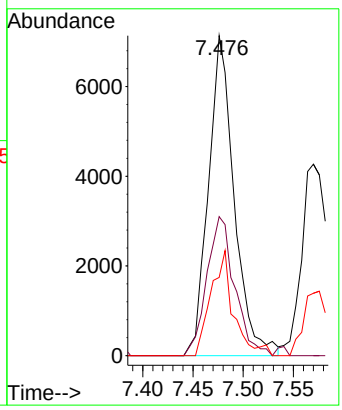





#6
Aniline
Concen: 4.390 ng
RT: 7.476 min Scan# 74
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 93 Resp: 1275

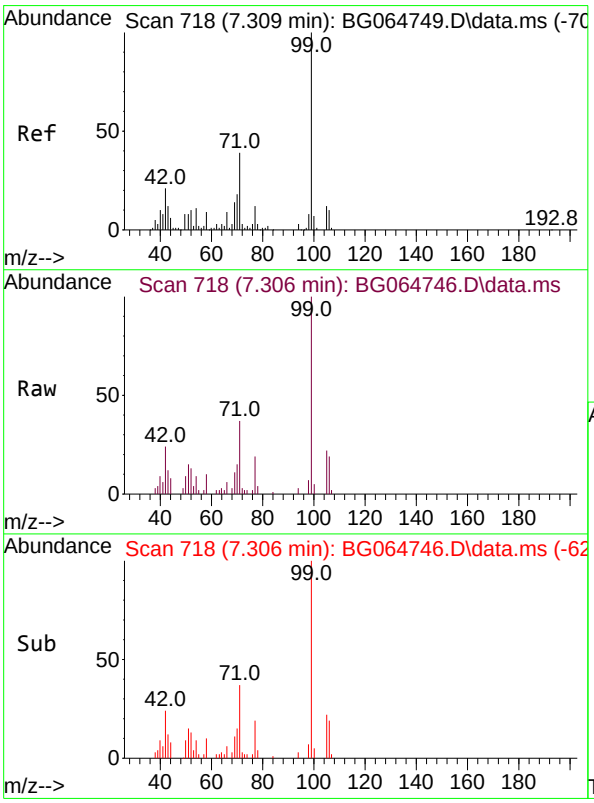
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.4 | 37.7 | 56.5 |
| 65 | 24.5 | 19.1 | 28.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

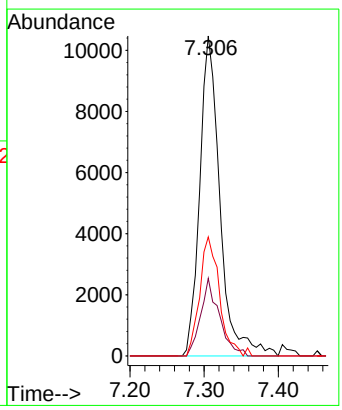
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

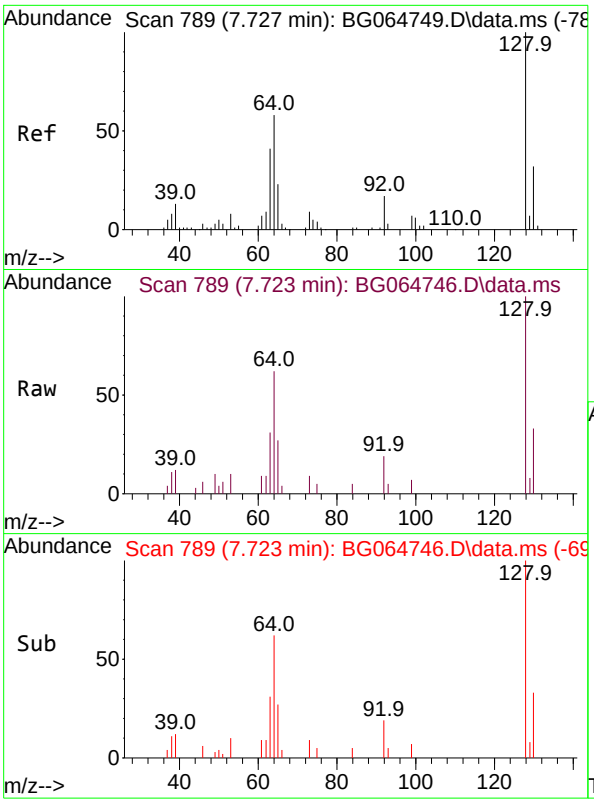



#7
Phenol-d6
Concen: 9.111 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 99 Resp: 19854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.2 | 16.8 | 25.2 |
| 71 | 37.2 | 31.1 | 46.7 |

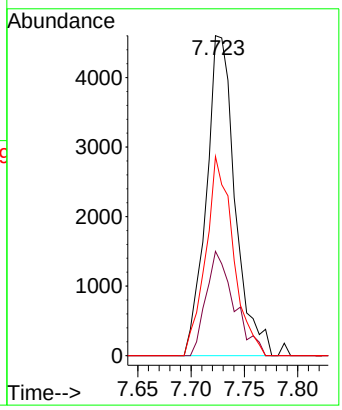





#8
2-Chlorophenol
Concen: 4.802 ng
RT: 7.723 min Scan# 78
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:128 Resp: 863

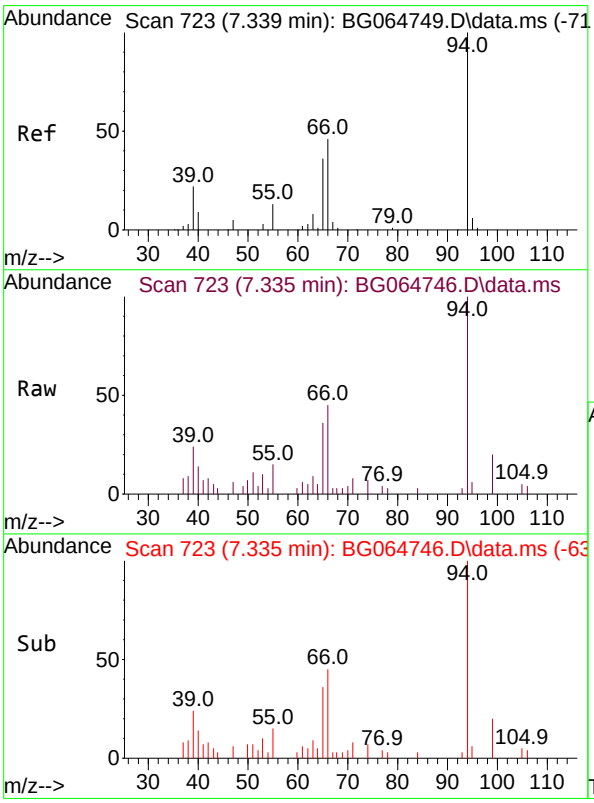
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 11.9 | 51.9 |
| 64 | 62.2 | 38.4 | 78.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

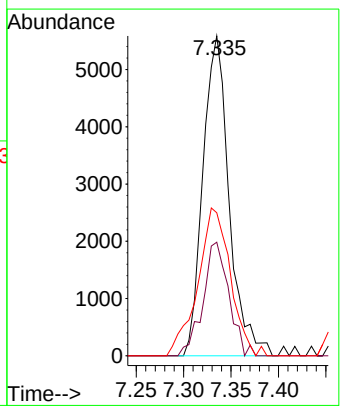
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

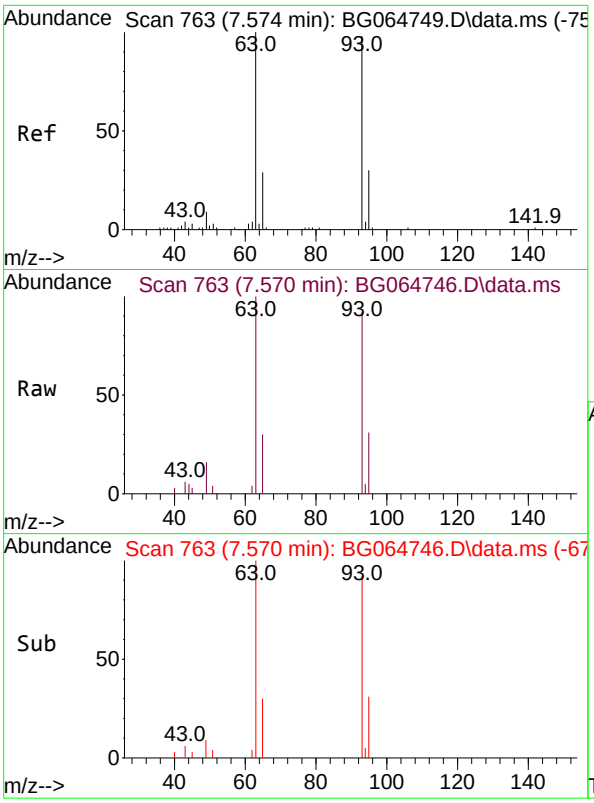



#10
Phenol
Concen: 4.529 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 94 Resp: 10737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.5 | 17.0 | 57.0 |
| 66 | 44.7 | 29.8 | 69.8 |

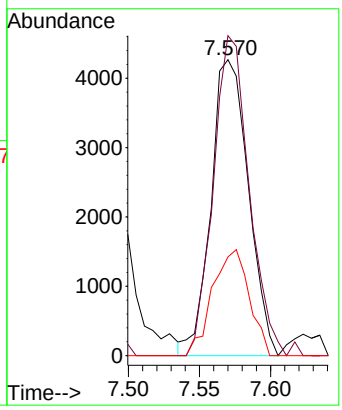





#11
bis(2-Chloroethyl)ether
Concen: 4.635 ng
RT: 7.570 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 93 Resp: 782

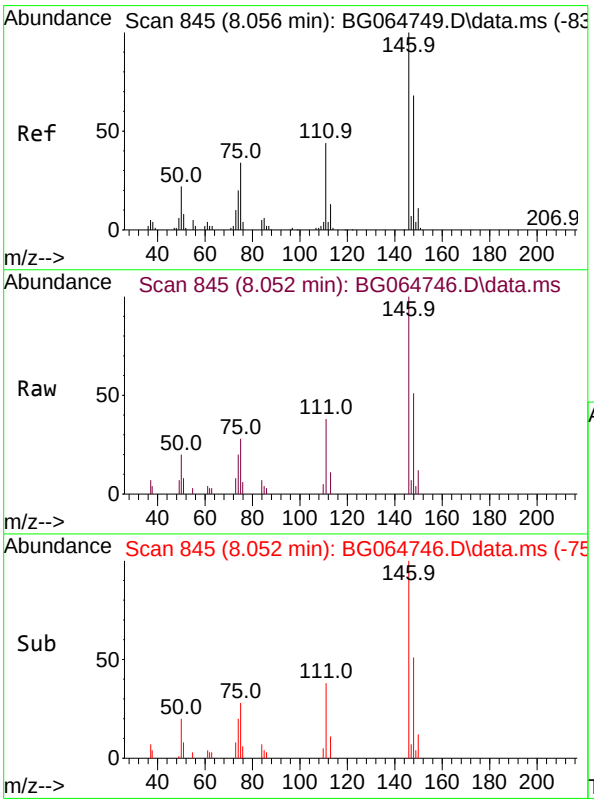
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 108.1 | 81.8 | 121.8 |
| 95 | 33.3 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

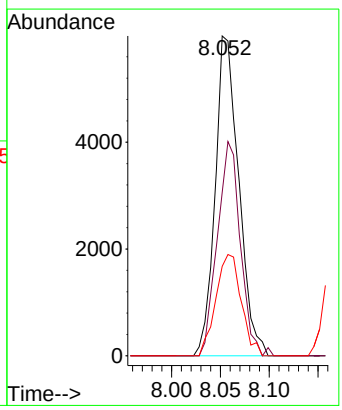
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

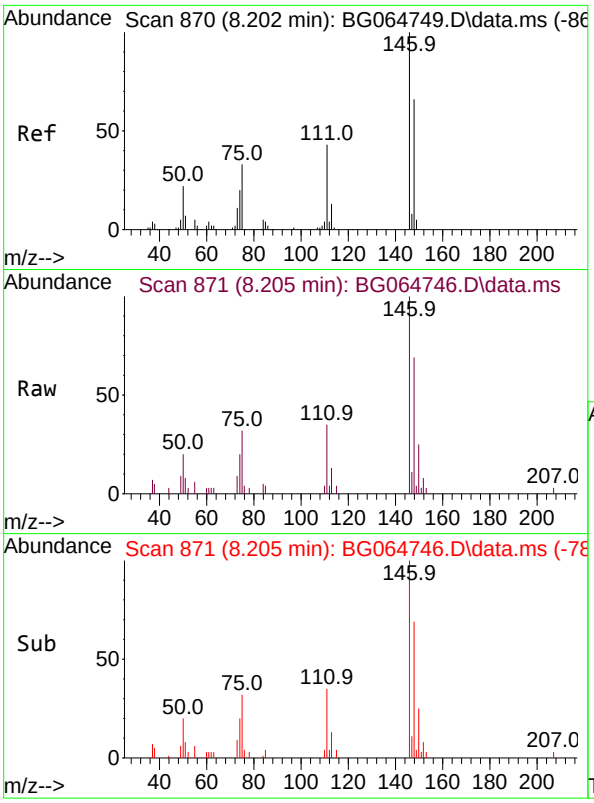



#12
1,3-Dichlorobenzene
Concen: 4.872 ng m
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:146 Resp: 10085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 51.1 | 54.6 | 82.0# |
| 75 | 28.0 | 27.6 | 41.4 |

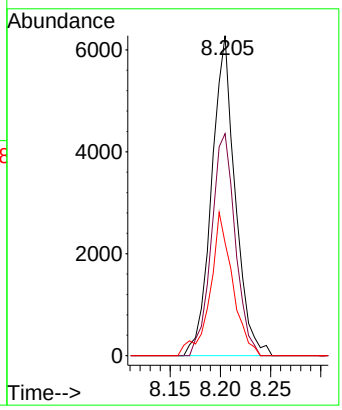





#13
1,4-Dichlorobenzene
Concen: 4.866 ng
RT: 8.205 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:146 Resp: 1025

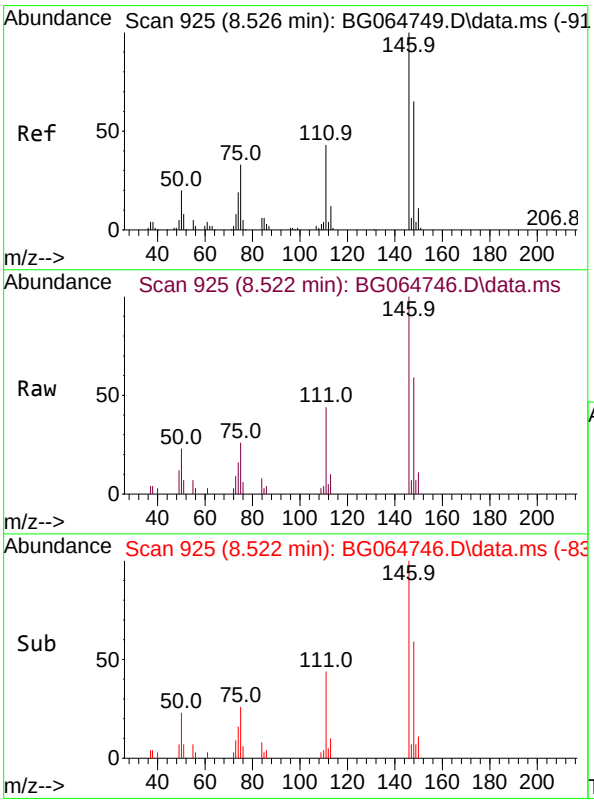
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 69.4 | 53.1 | 79.7 |
| 111 | 35.2 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

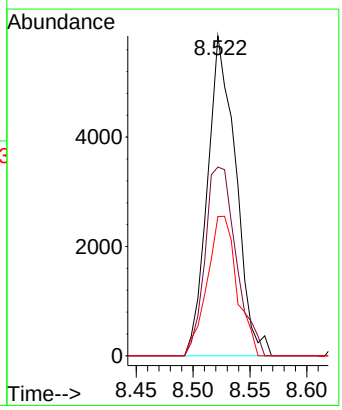
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

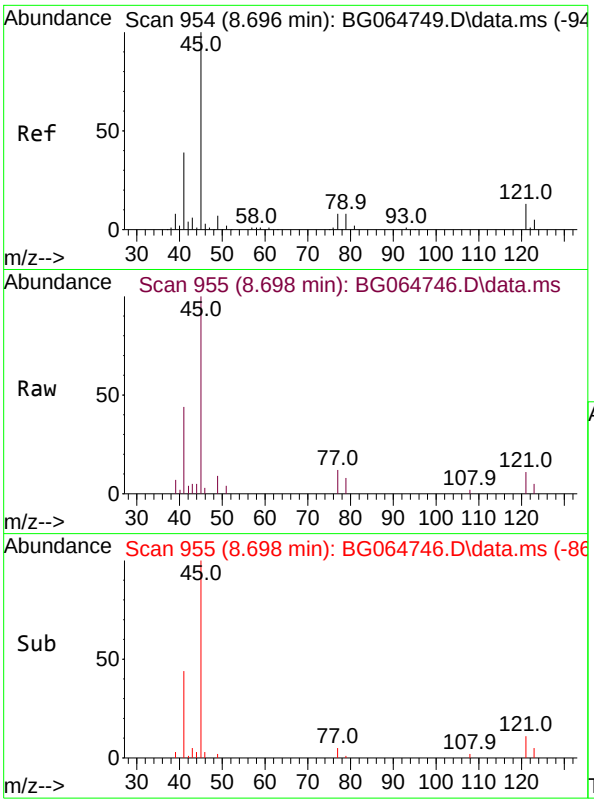



#14
1,2-Dichlorobenzene
Concen: 4.957 ng
RT: 8.522 min Scan# 925
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:146 Resp: 10131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 59.0 | 52.0 | 78.0 |
| 111 | 43.5 | 34.7 | 52.1 |

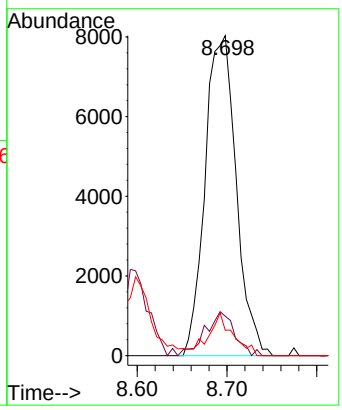





#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.859 ng
RT: 8.698 min Scan# 9
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 45 Resp: 1940

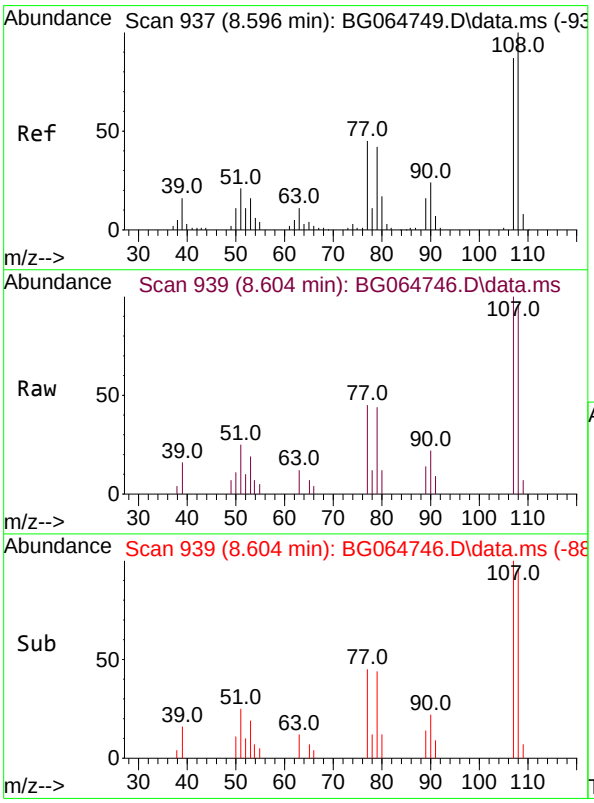
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.3 | 0.0 | 28.8 |
| 79 | 7.9 | 0.0 | 28.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

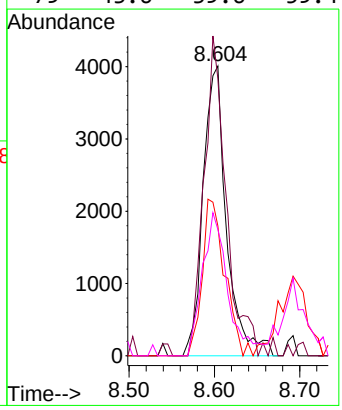
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

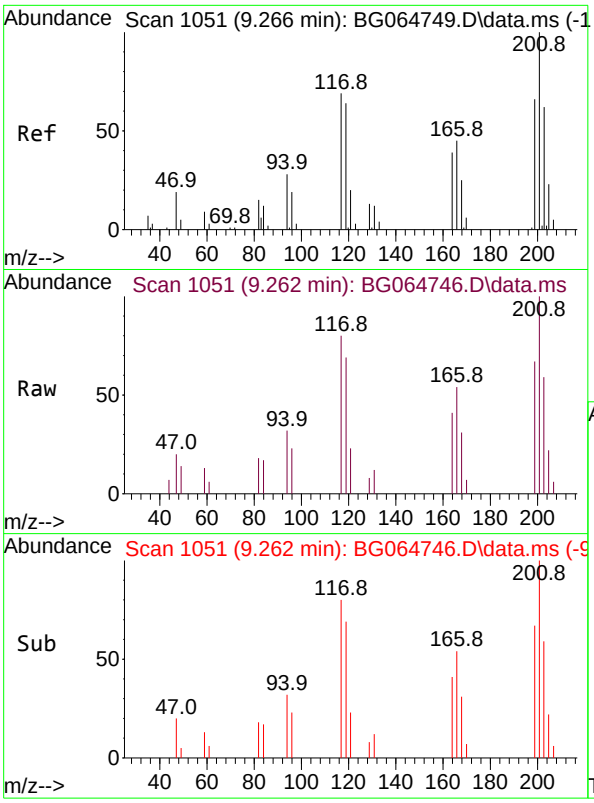



#17
2-Methylphenol
Concen: 4.569 ng
RT: 8.604 min Scan# 939
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:107 Resp: 7665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 95.6 | 92.6 | 138.8 |
| 77 | 44.8 | 41.2 | 61.8 |
| 79 | 43.6 | 39.6 | 59.4 |

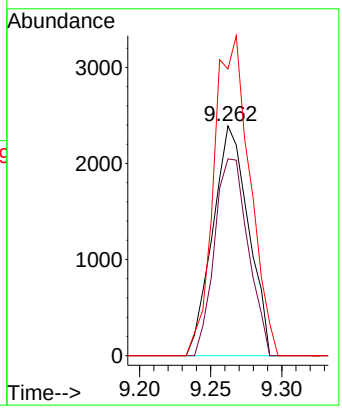





#18
Hexachloroethane
Concen: 5.229 ng
RT: 9.262 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:117 Resp: 417

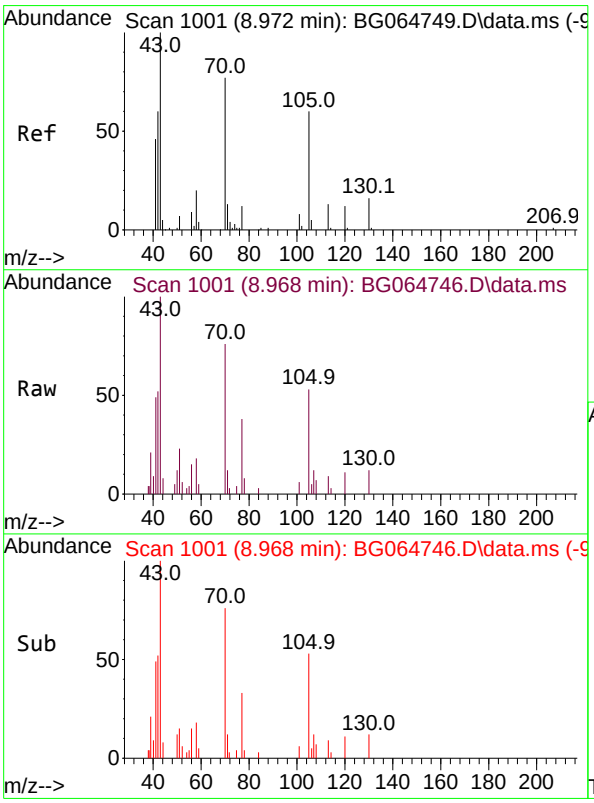
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 85.7 | 74.4 | 111.6 |
| 201 | 124.8 | 116.5 | 174.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

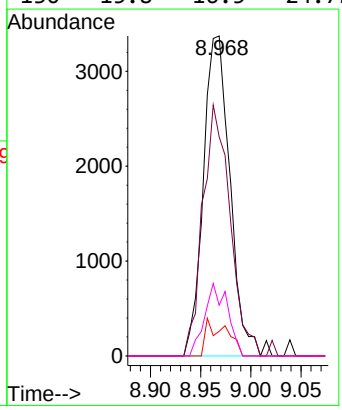
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

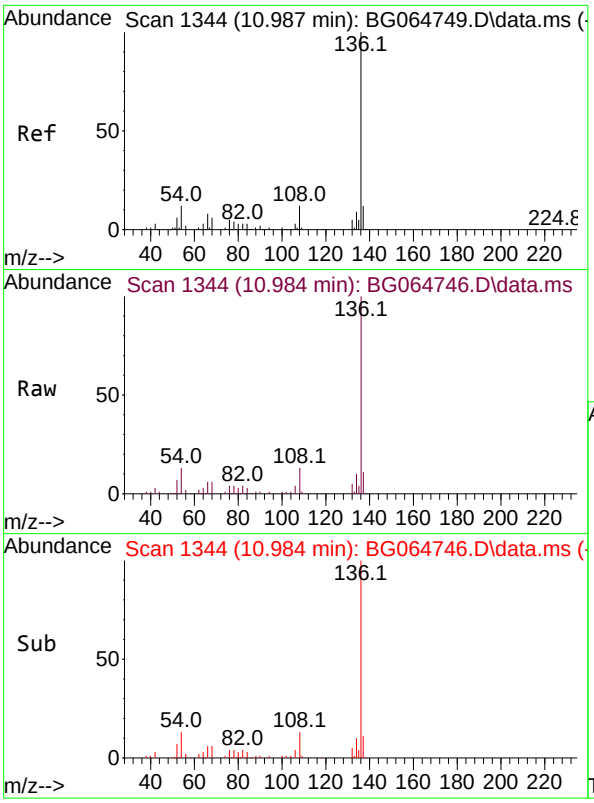



#19
n-Nitroso-di-n-propylamine
Concen: 4.247 ng
RT: 8.968 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 70 Resp: 6258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.5 | 62.6 | 93.8 |
| 101 | 7.7 | 8.0 | 12.0# |
| 130 | 15.8 | 16.5 | 24.7# |

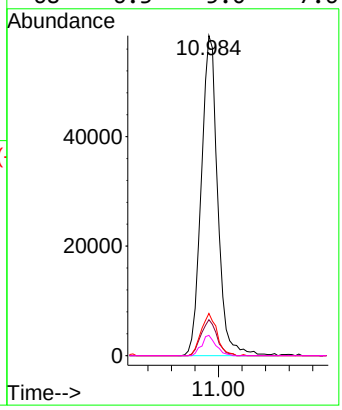





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:136 Resp: 11295

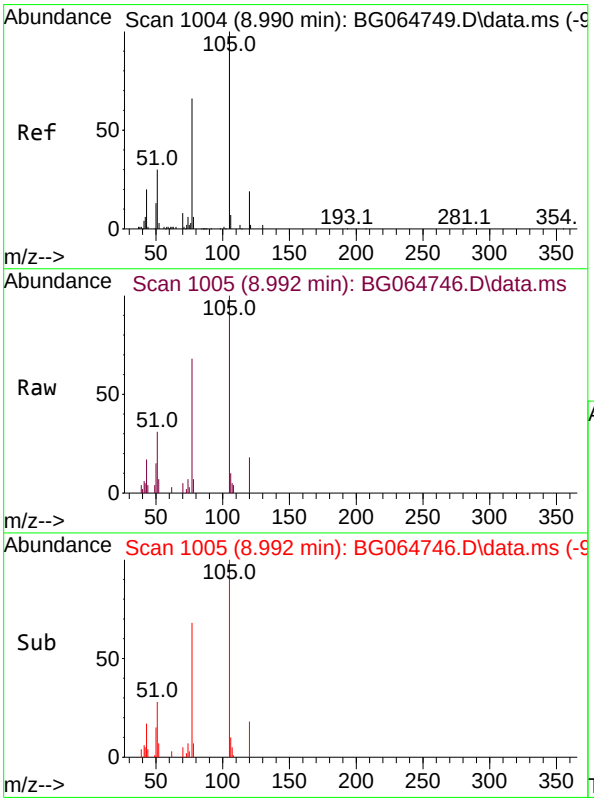
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.3 | 13.9 |
| 54 | 13.2 | 9.3 | 13.9 |
| 68 | 6.3 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

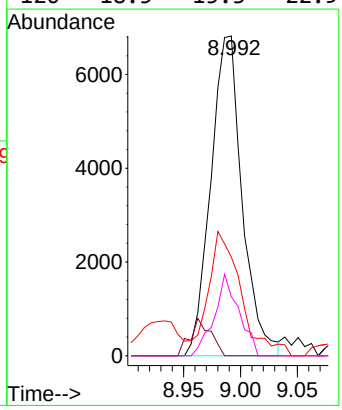
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

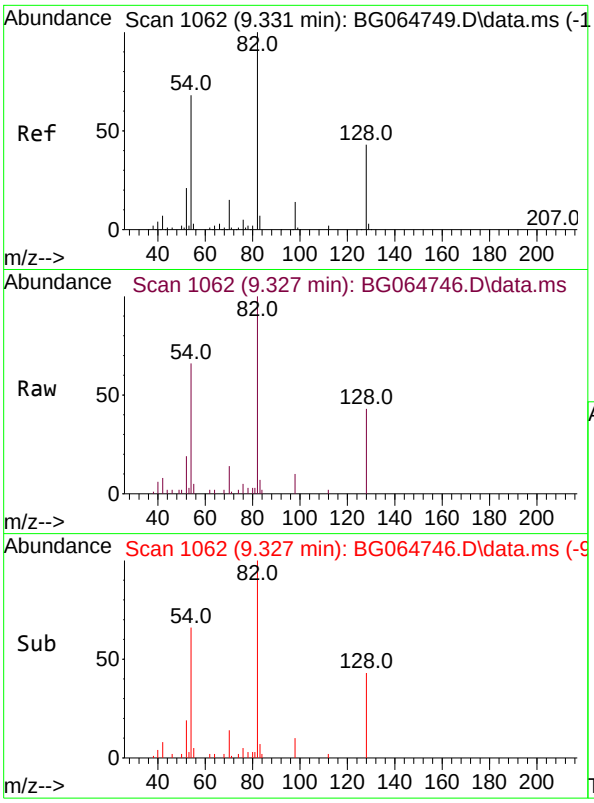



#22
Acetophenone
Concen: 4.264 ng
RT: 8.992 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:105 Resp: 13123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 1.3 | 1.9# |
| 51 | 30.9 | 27.9 | 41.9 |
| 120 | 18.5 | 15.3 | 22.9 |






#23
Nitrobenzene-d5
Concen: 9.170 ng
RT: 9.327 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

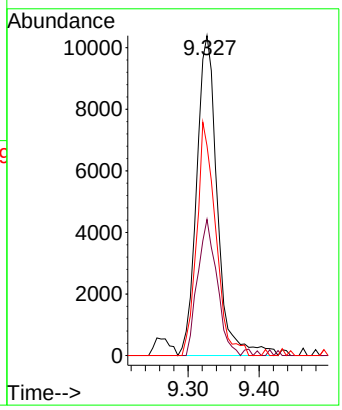
Tgt Ion: 82 Resp: 2095

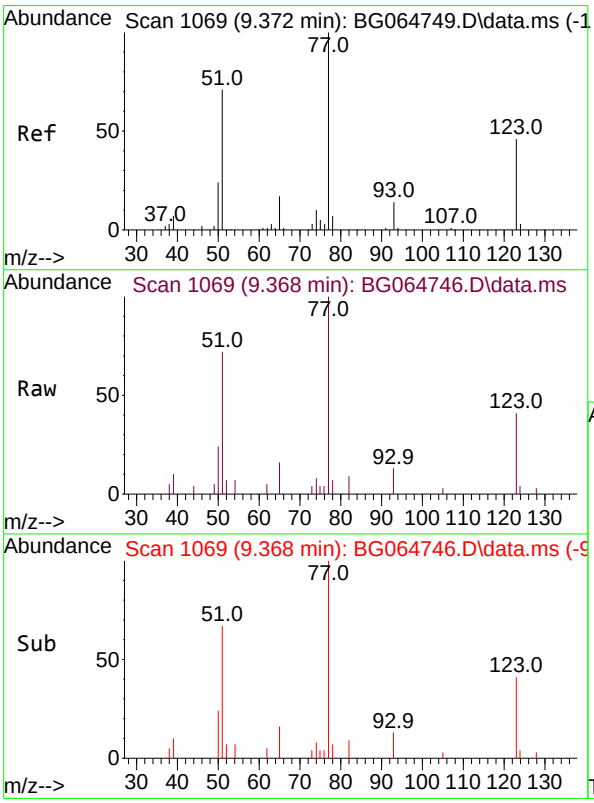
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.6 | 34.1 | 51.1 |
| 54 | 65.6 | 54.3 | 81.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

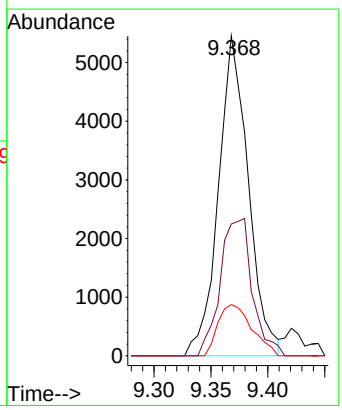


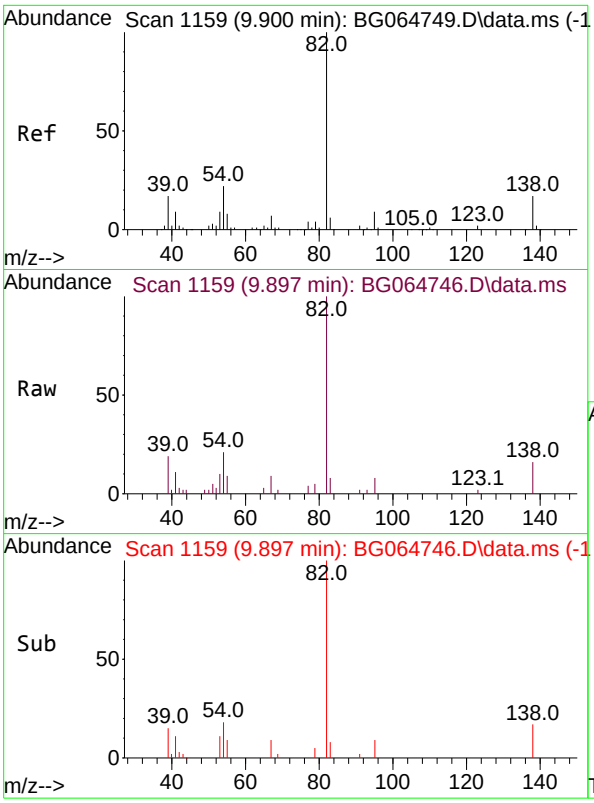




#24
Nitrobenzene
Concen: 4.323 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 77 Resp: 9979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.2 | 36.5 | 54.7 |
| 65 | 16.0 | 13.5 | 20.3 |

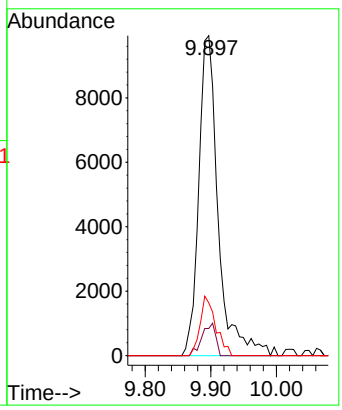





#25
Isophorone
Concen: 4.691 ng
RT: 9.897 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 82 Resp: 2040

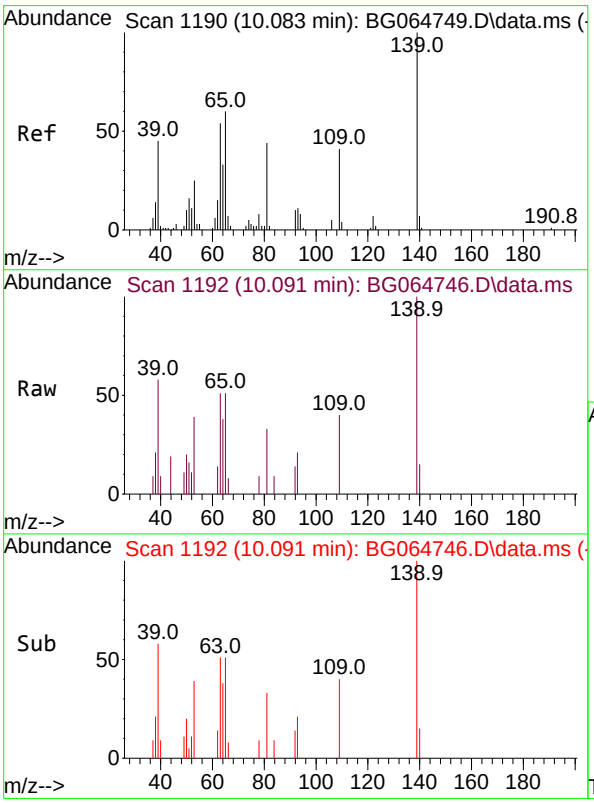
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.5 | 6.9 | 10.3 |
| 138 | 16.5 | 13.9 | 20.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

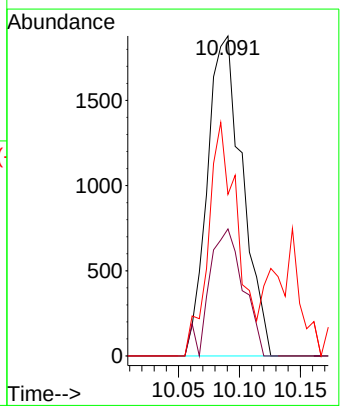
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

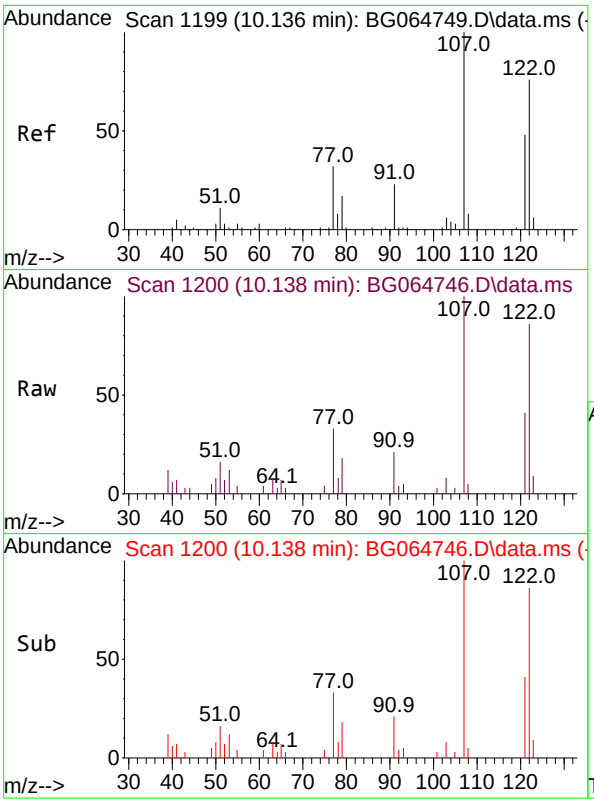



#26
2-Nitrophenol
Concen: 3.627 ng
RT: 10.091 min Scan# 1192
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:139 Resp: 3766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 39.7 | 32.5 | 48.7 |
| 65 | 50.5 | 47.6 | 71.4 |

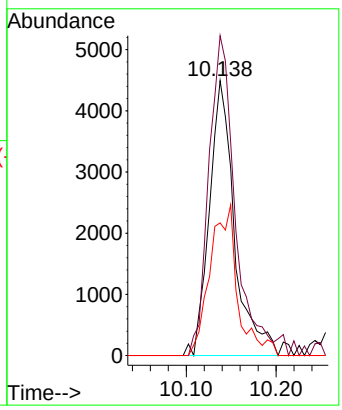





#27
2,4-Dimethylphenol
Concen: 4.734 ng
RT: 10.138 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:122 Resp: 873

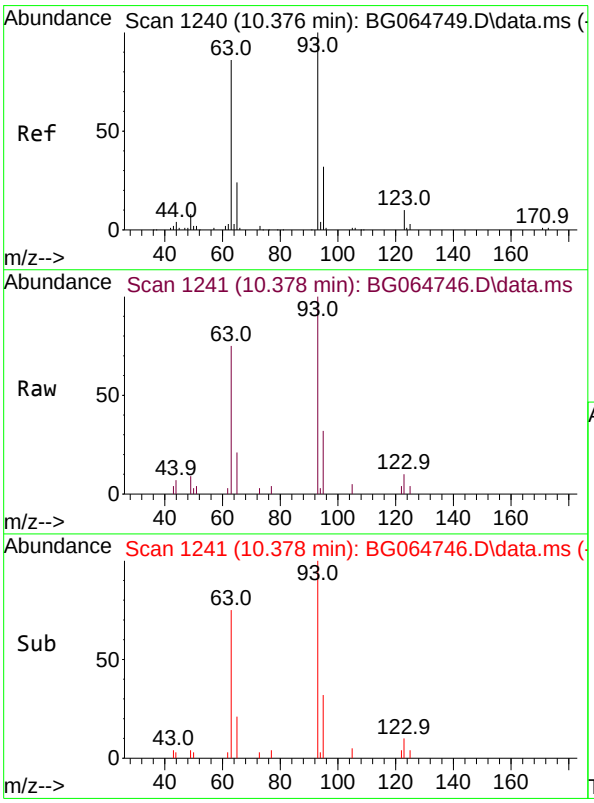
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.4 | 102.5 | 153.7 |
| 121 | 48.3 | 49.0 | 73.6# |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

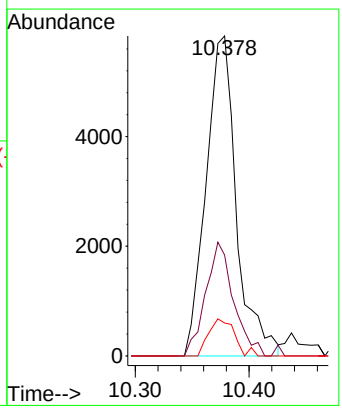
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

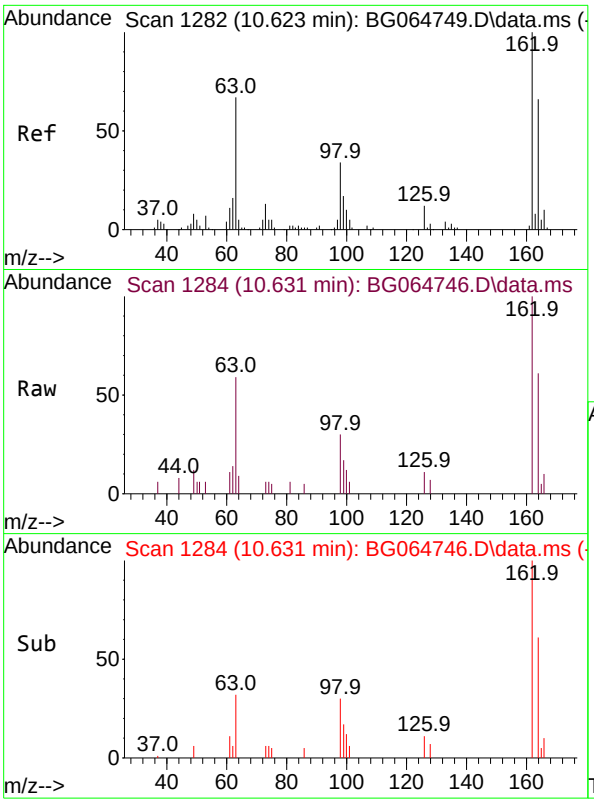



#28
bis(2-Chloroethoxy)methane
Concen: 4.526 ng
RT: 10.378 min Scan# 1241
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 93 Resp: 10809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.6 | 25.4 | 38.2 |
| 123 | 10.3 | 8.1 | 12.1 |

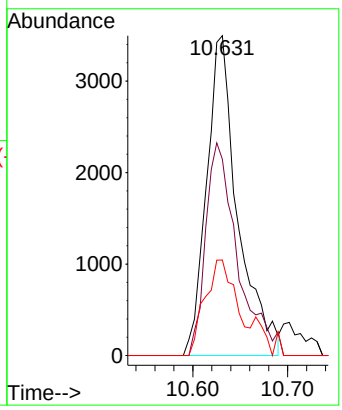





#29
2,4-Dichlorophenol
Concen: 4.039 ng
RT: 10.631 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:162 Resp: 799

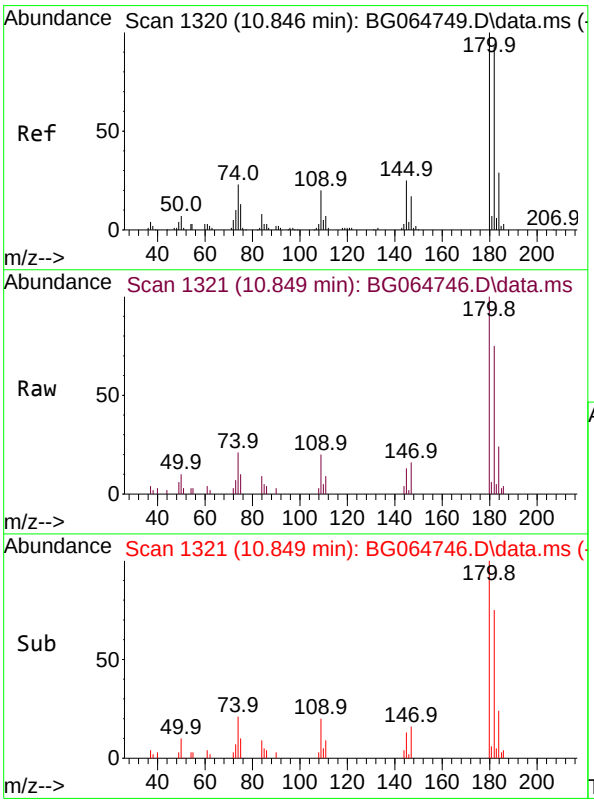
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 61.4 | 46.0 | 86.0 |
| 98 | 29.9 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

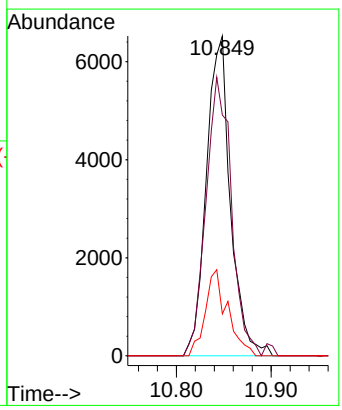
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

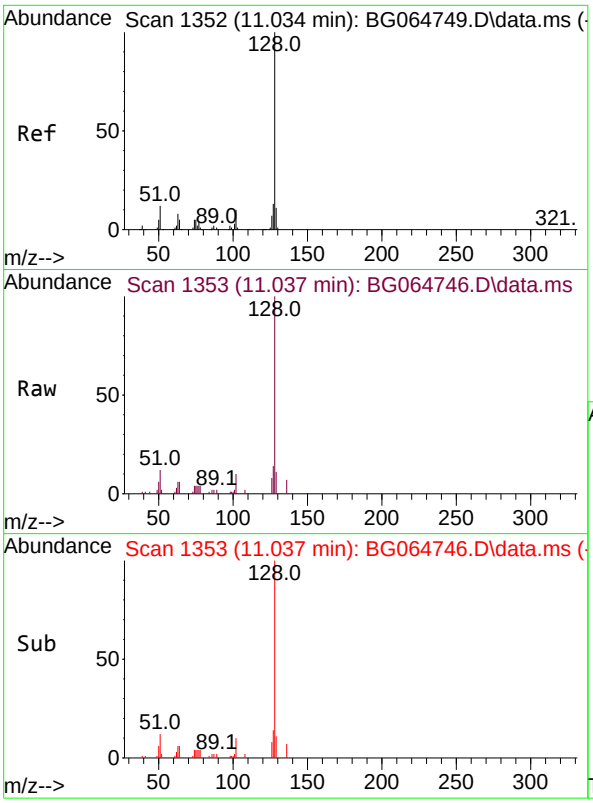



#30
1,2,4-Trichlorobenzene
Concen: 4.816 ng
RT: 10.849 min Scan# 1321
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:180 Resp: 11516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 70.9 | 74.2 | 111.4# |
| 145 | 12.4 | 20.0 | 30.0# |

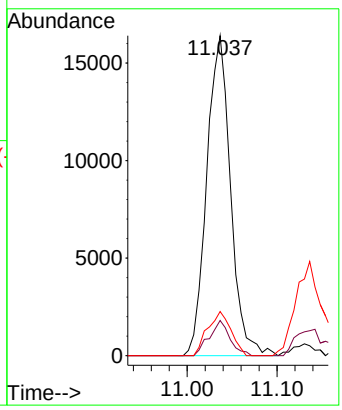





#31
Naphthalene
Concen: 4.744 ng
RT: 11.037 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:128 Resp: 3037

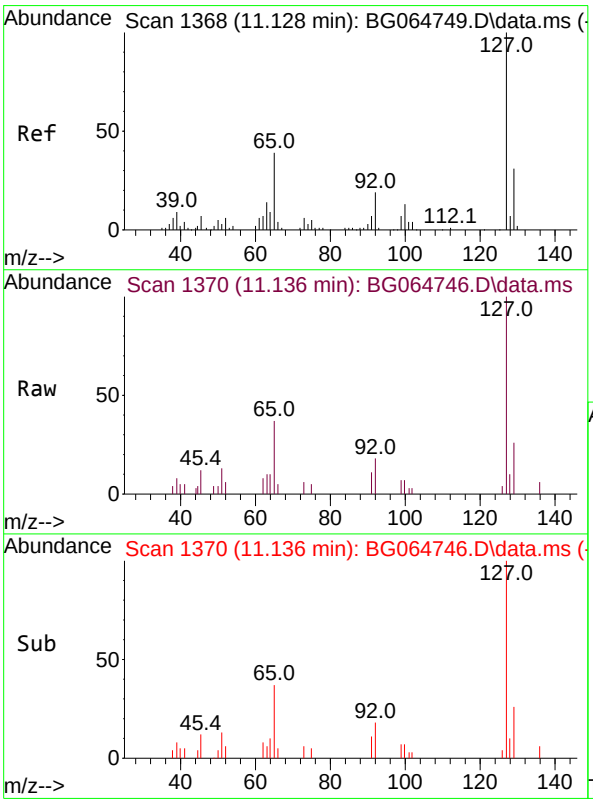
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.6 | 12.8 |
| 127 | 13.8 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

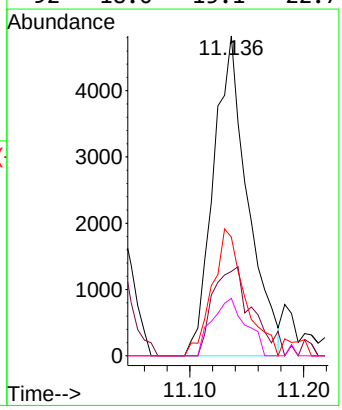
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

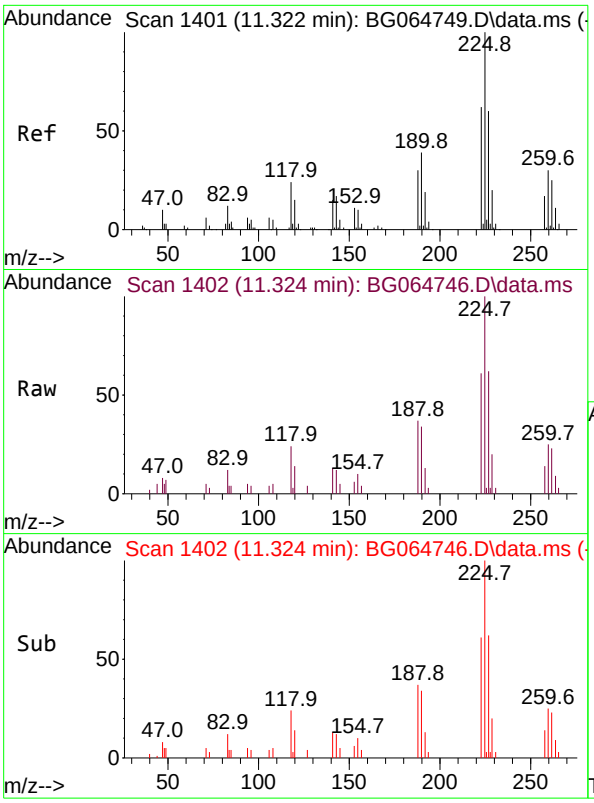



#33
4-Chloroaniline
Concen: 3.933 ng
RT: 11.136 min Scan# 1370
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:127 Resp: 10074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 26.4 | 24.9 | 37.3 |
| 65 | 37.1 | 30.9 | 46.3 |
| 92 | 18.0 | 15.1 | 22.7 |

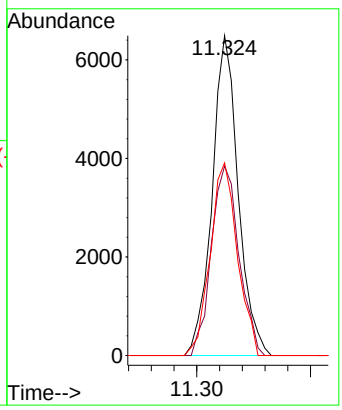





#34
Hexachlorobutadiene
Concen: 5.029 ng
RT: 11.324 min Scan# 14
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:225 Resp: 10318

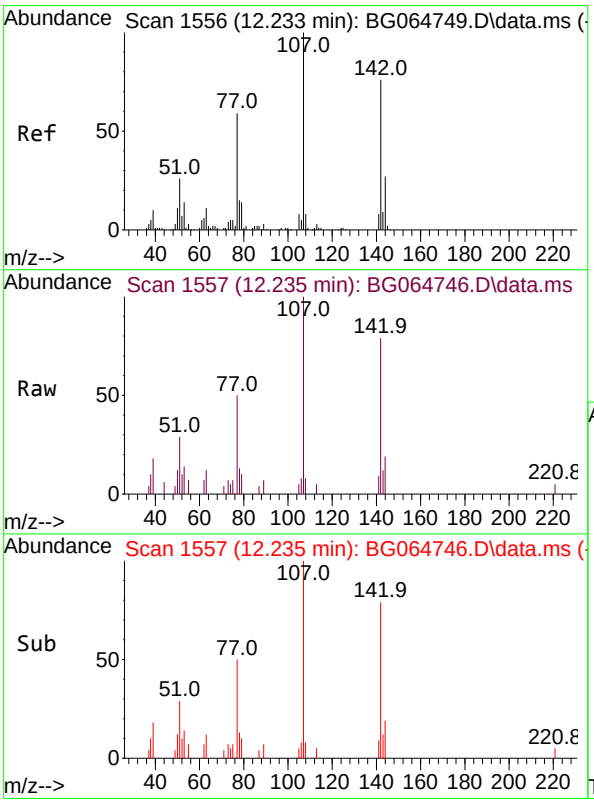
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.2 | 49.9 | 74.9 |
| 227 | 62.8 | 50.6 | 75.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

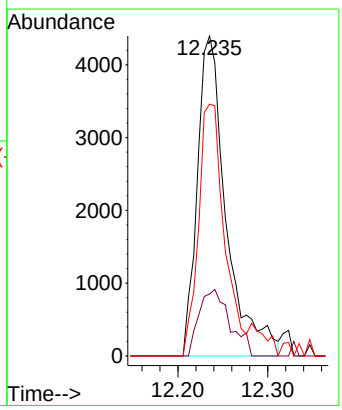
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

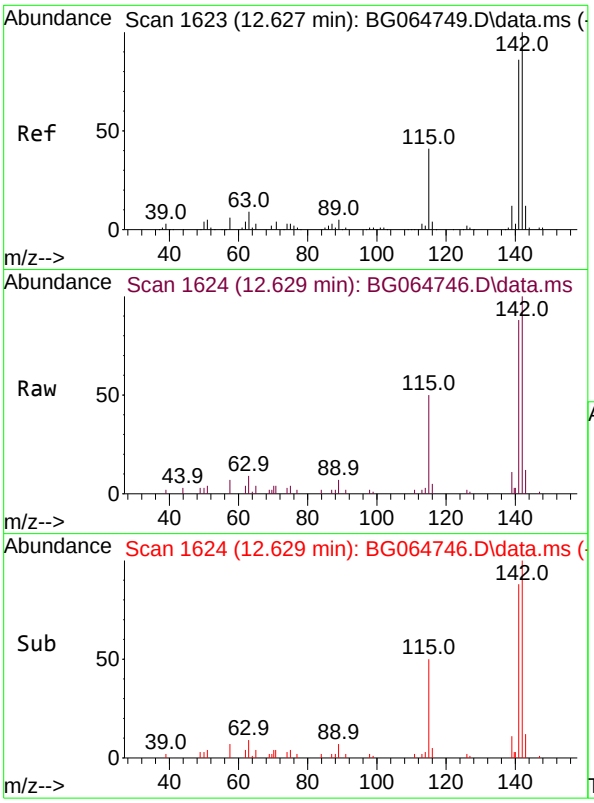



#36
4-Chloro-3-methylphenol
Concen: 4.455 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:107 Resp: 9819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 19.3 | 21.7 | 32.5# |
| 142 | 78.7 | 60.8 | 91.2 |

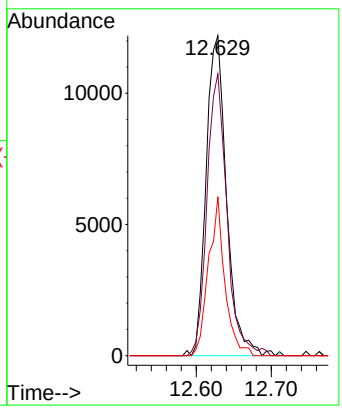





#37
2-Methylnaphthalene
Concen: 4.831 ng m
RT: 12.629 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:142 Resp: 2314

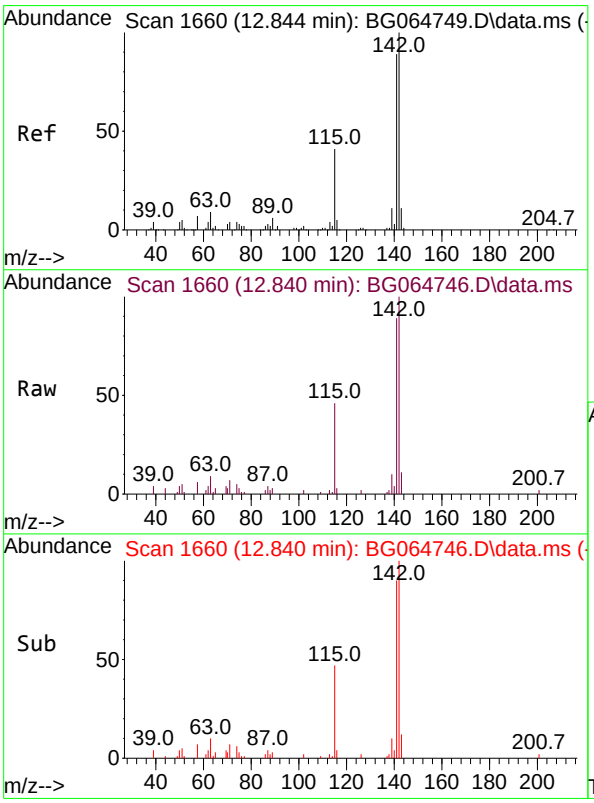
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.0 | 69.1 | 103.7 |
| 115 | 49.6 | 32.9 | 49.3# |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

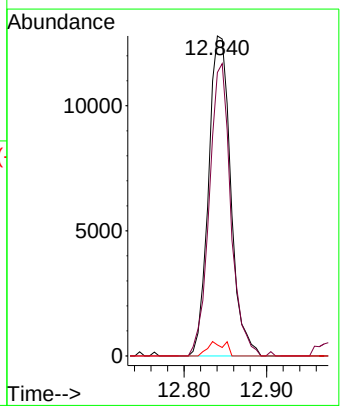
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

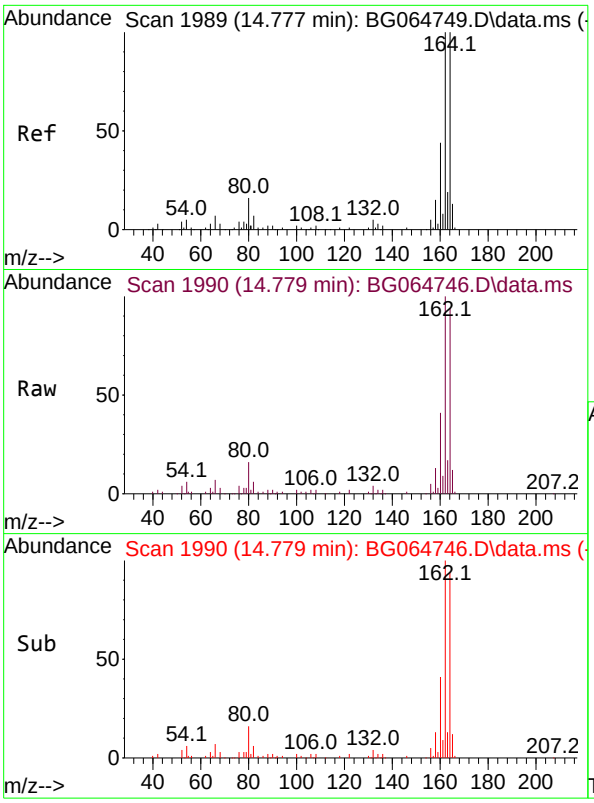



#38
1-Methylnaphthalene
Concen: 5.007 ng m
RT: 12.840 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:142 Resp: 23834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 70.8 | 106.2 |
| 116 | 3.4 | 3.7 | 5.5# |

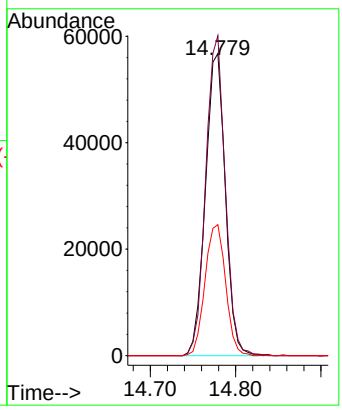





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.779 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:164 Resp: 9215

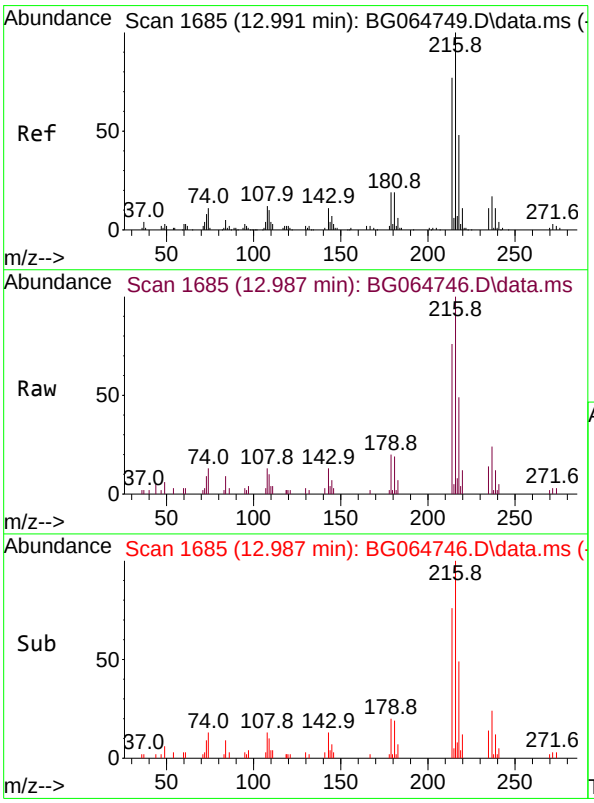
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.0 | 79.8 | 119.6 |
| 160 | 43.4 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

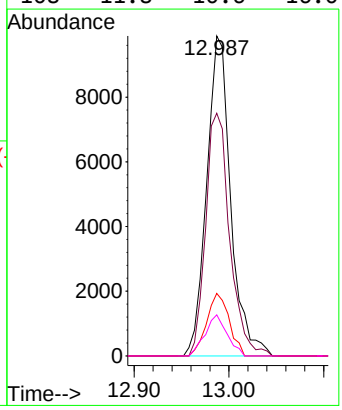
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

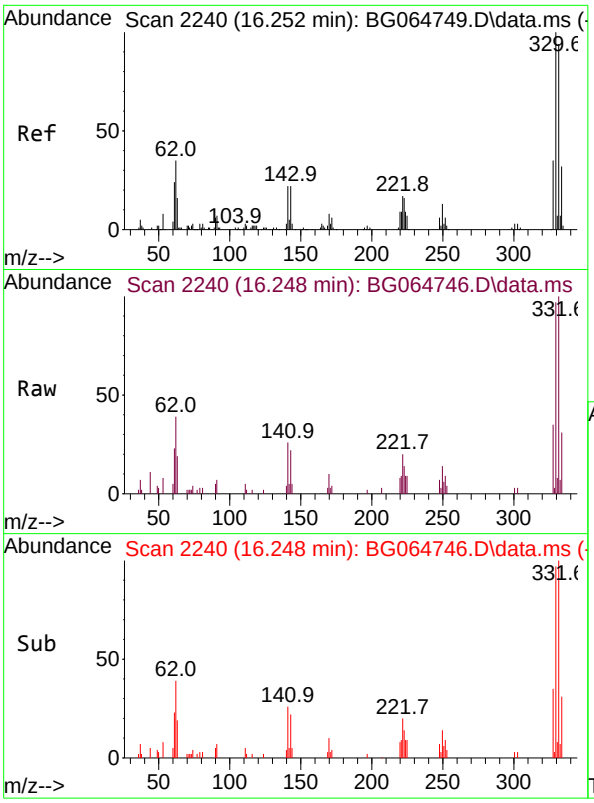



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.859 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:216 Resp: 17425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 75.8 | 60.5 | 90.7 |
| 179 | 18.2 | 14.7 | 22.1 |
| 108 | 11.8 | 10.6 | 16.0 |

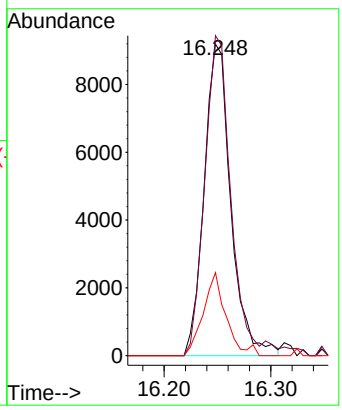





#42
2,4,6-Tribromophenol
Concen: 8.875 ng
RT: 16.248 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:330 Resp: 1595

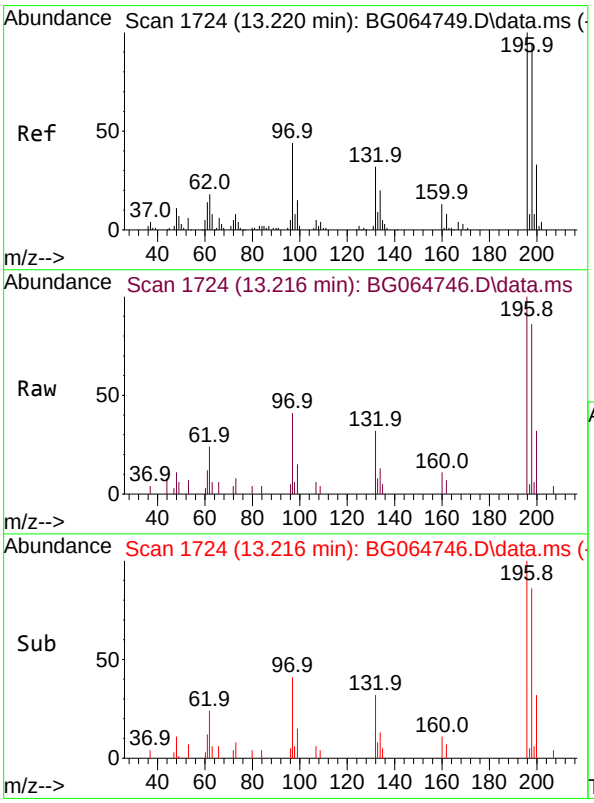
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 103.0 | 77.0 | 115.6 |
| 141 | 22.7 | 18.2 | 27.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

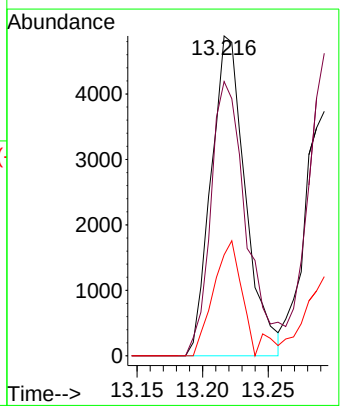
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

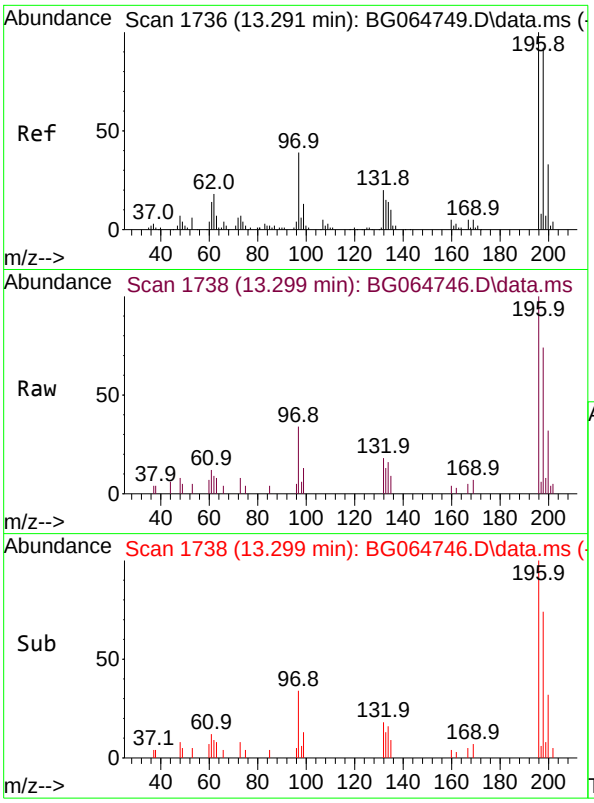



#43
2,4,6-Trichlorophenol
Concen: 4.222 ng
RT: 13.216 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:196 Resp: 8887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 85.7 | 75.3 | 112.9 |
| 200 | 31.6 | 26.2 | 39.2 |

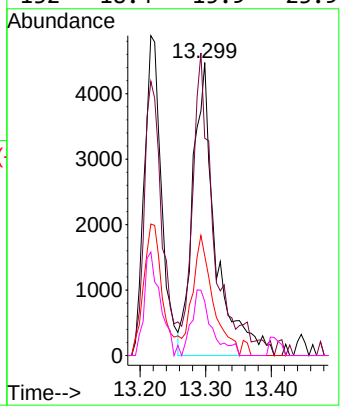





#44
2,4,5-Trichlorophenol
Concen: 4.559 ng
RT: 13.299 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:196 Resp: 1076

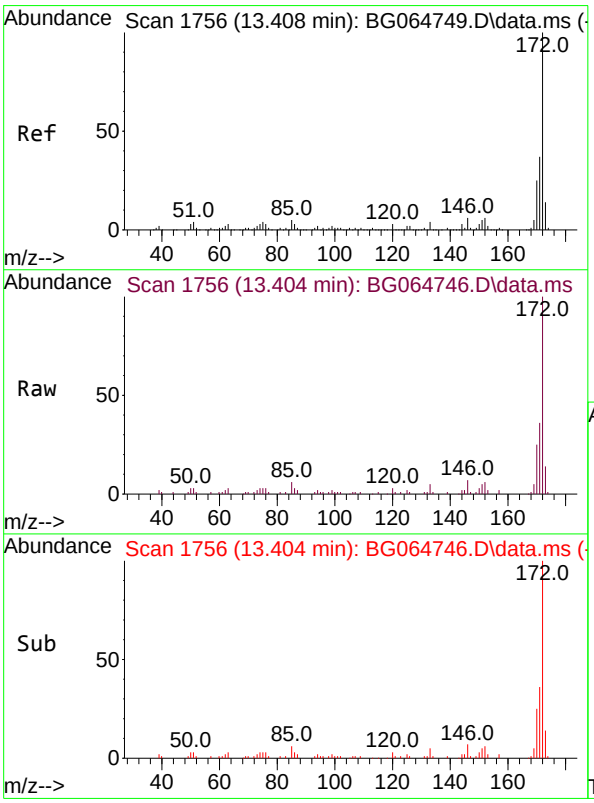
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 74.2 | 73.2 | 109.8 |
| 97 | 34.1 | 31.4 | 47.0 |
| 132 | 18.4 | 15.9 | 23.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

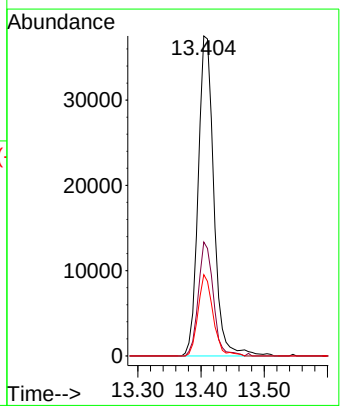
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

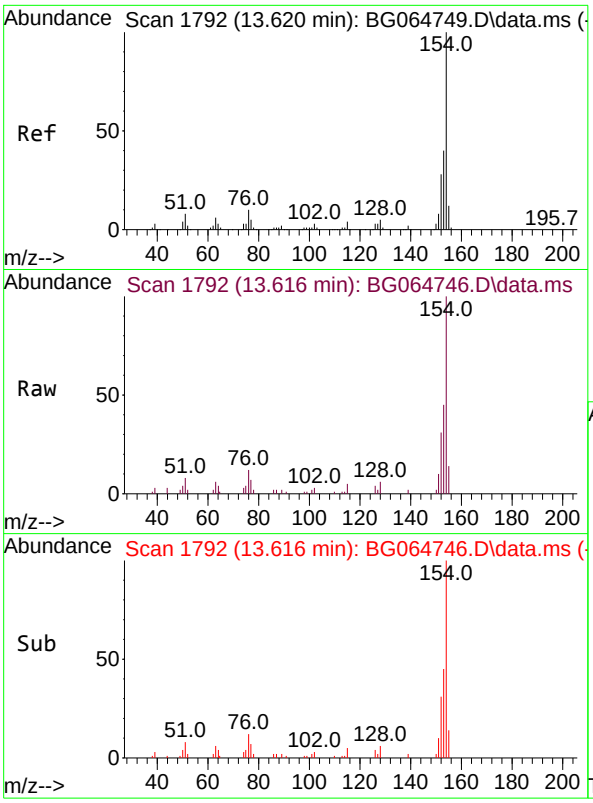



#45
2-Fluorobiphenyl
Concen: 9.789 ng
RT: 13.404 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:172 Resp: 64649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 29.9 | 44.9 |
| 170 | 25.4 | 19.8 | 29.6 |

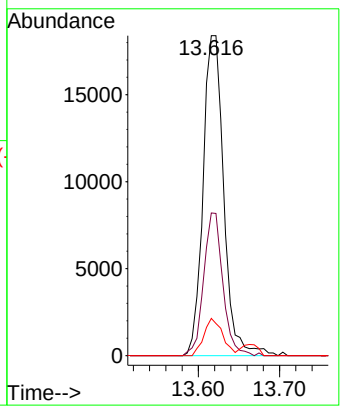





#46
1,1'-Biphenyl
Concen: 4.930 ng
RT: 13.616 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:154 Resp: 3263

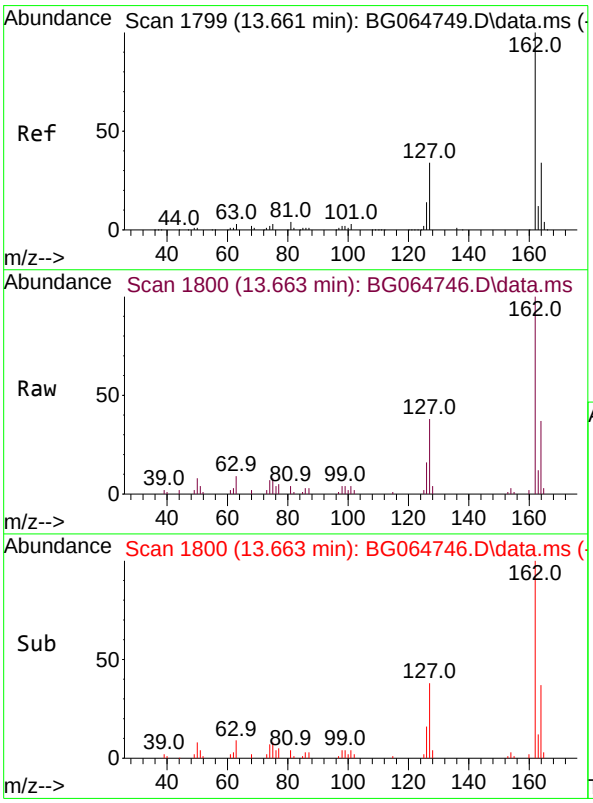
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 44.6 | 19.8 | 59.8 |
| 76 | 11.6 | 0.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

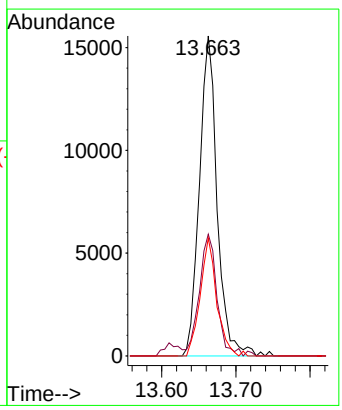
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

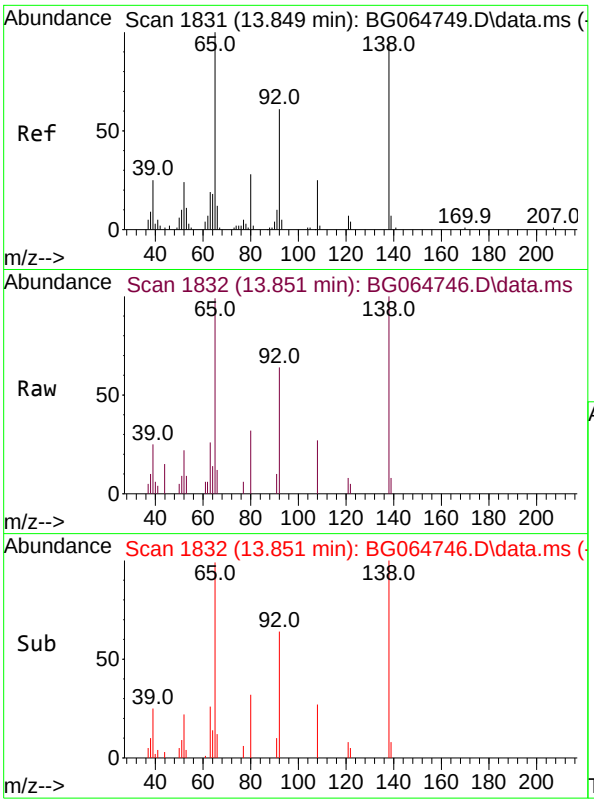



#47
2-Chloronaphthalene
Concen: 4.964 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:162 Resp: 25885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.1 | 30.3 | 45.5 |
| 164 | 36.8 | 26.8 | 40.2 |

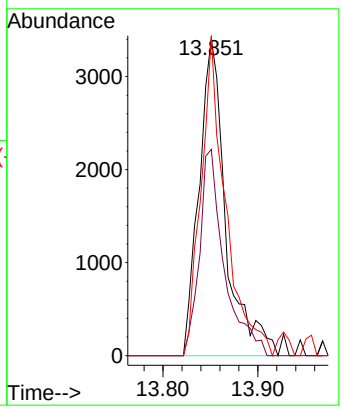





#48
2-Nitroaniline
Concen: 3.995 ng
RT: 13.851 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 65 Resp: 670

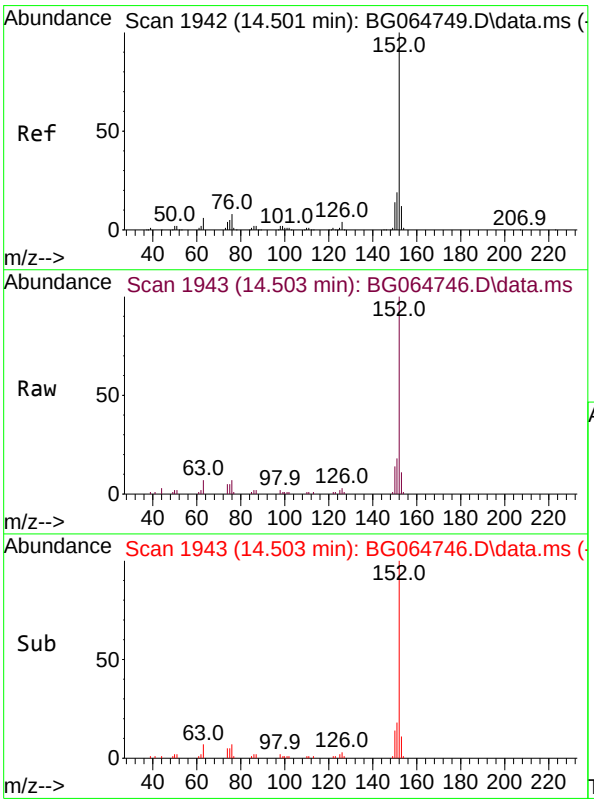
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.1 | 48.6 | 73.0 |
| 138 | 101.0 | 76.4 | 114.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

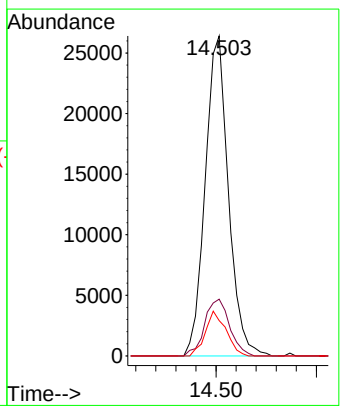
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

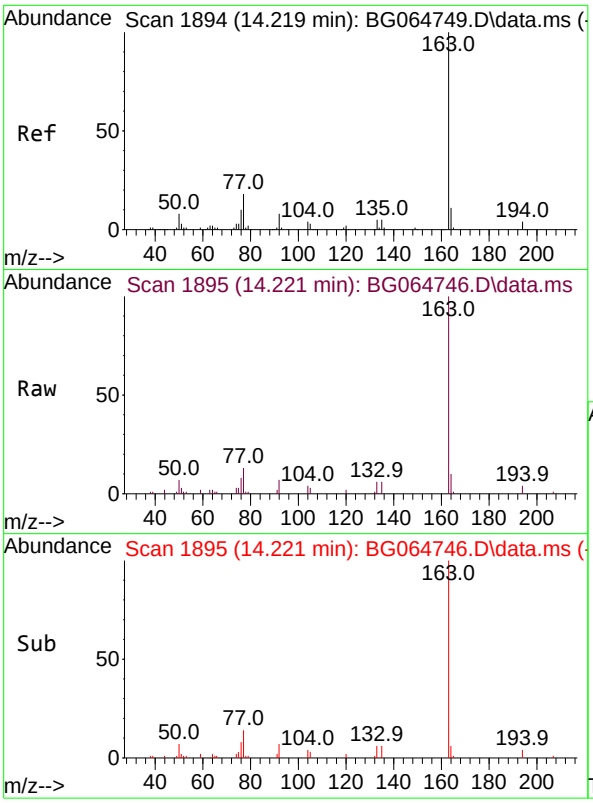



#49
Acenaphthylene
Concen: 4.756 ng
RT: 14.503 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:152 Resp: 42371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 17.7 | 15.0 | 22.4 |
| 153 | 11.0 | 9.9 | 14.9 |

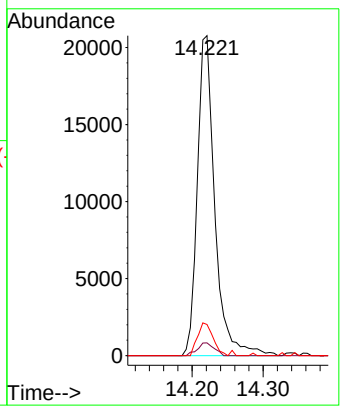





#50
Dimethylphthalate
Concen: 4.858 ng
RT: 14.221 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:163 Resp: 3536

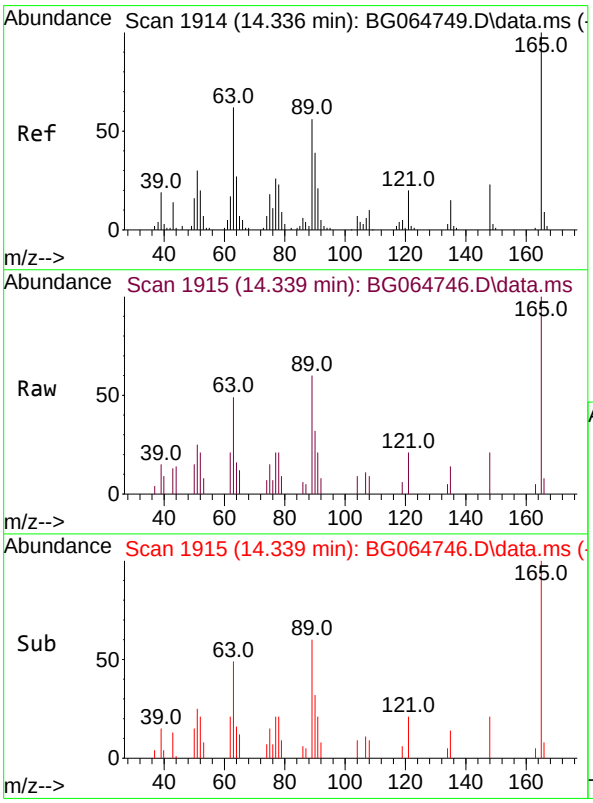
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.1 | 4.7 |
| 164 | 9.7 | 8.6 | 12.8 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

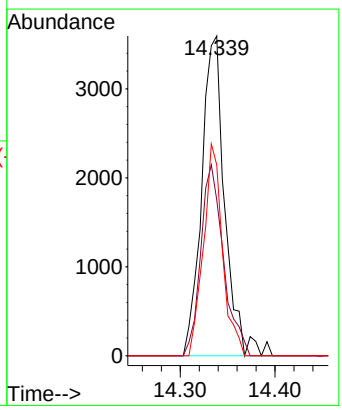
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

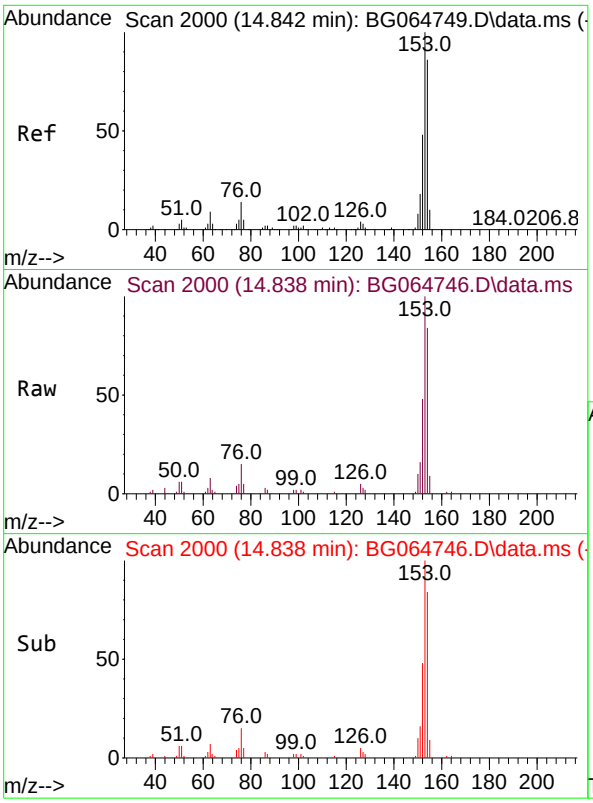



#51
2,6-Dinitrotoluene
Concen: 4.366 ng
RT: 14.339 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:165 Resp: 6116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.7 | 49.8 | 74.8# |
| 89 | 59.7 | 45.0 | 67.4 |

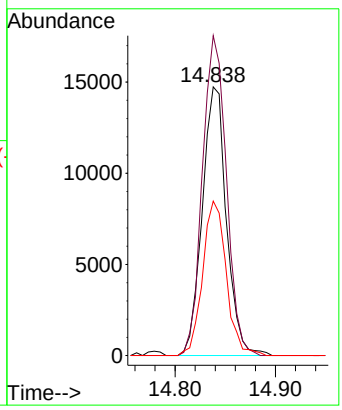





#52
Acenaphthene
Concen: 4.625 ng
RT: 14.838 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:154 Resp: 2470

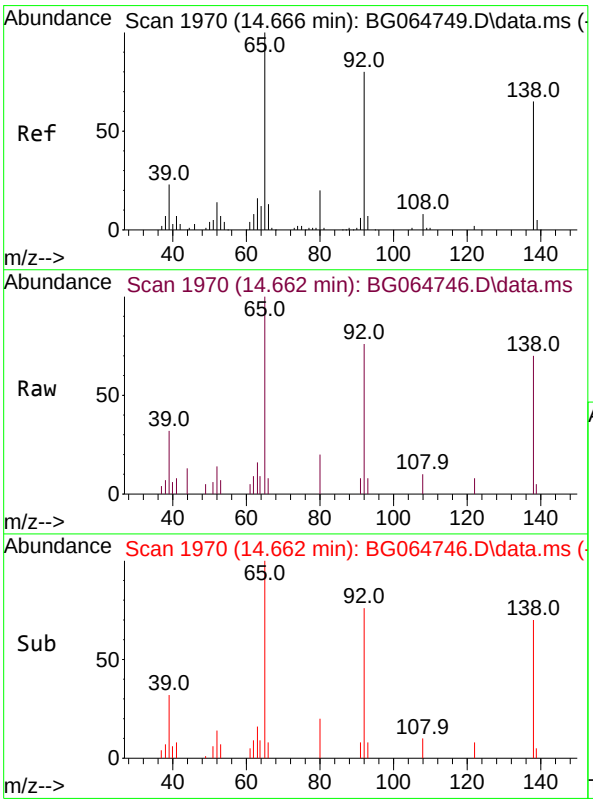
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 119.1 | 93.0 | 139.4 |
| 152 | 57.5 | 44.4 | 66.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

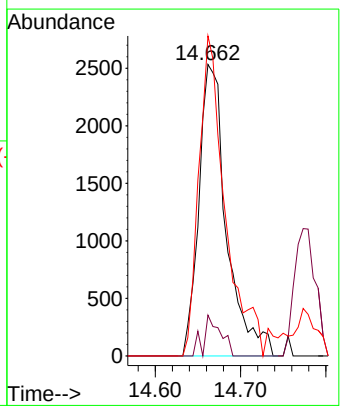
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

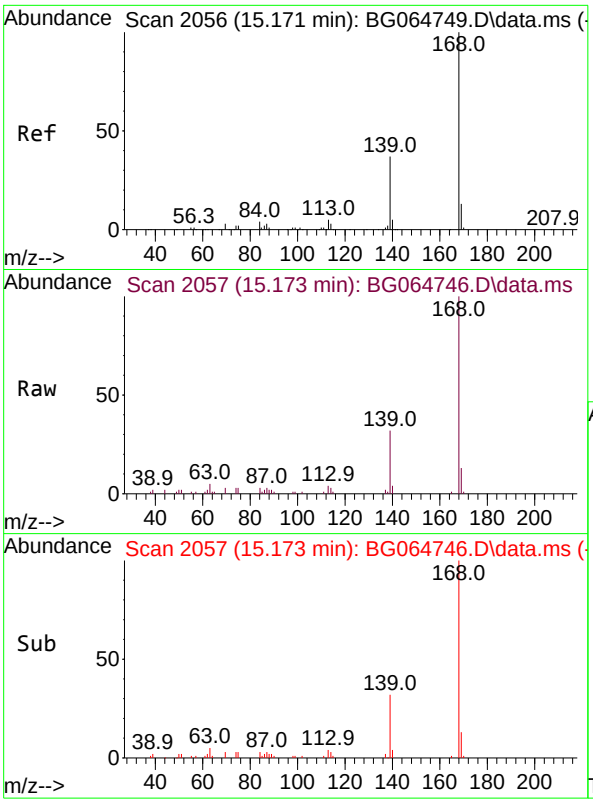



#53
3-Nitroaniline
Concen: 4.121 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:138 Resp: 5697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.0 | 9.5 | 14.3 |
| 92 | 109.8 | 99.0 | 148.4 |

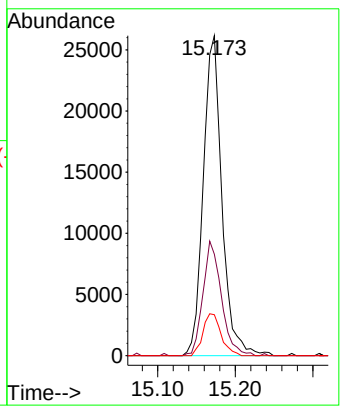





#55
Dibenzofuran
Concen: 4.950 ng
RT: 15.173 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:168 Resp: 4371

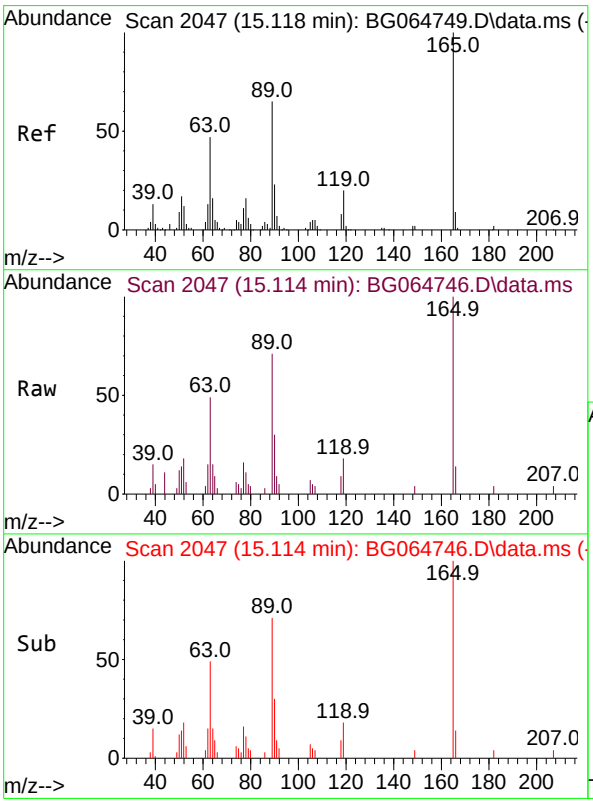
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 31.7 | 29.5 | 44.3 |
| 169 | 12.8 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

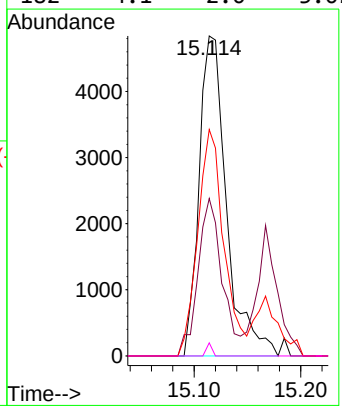
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

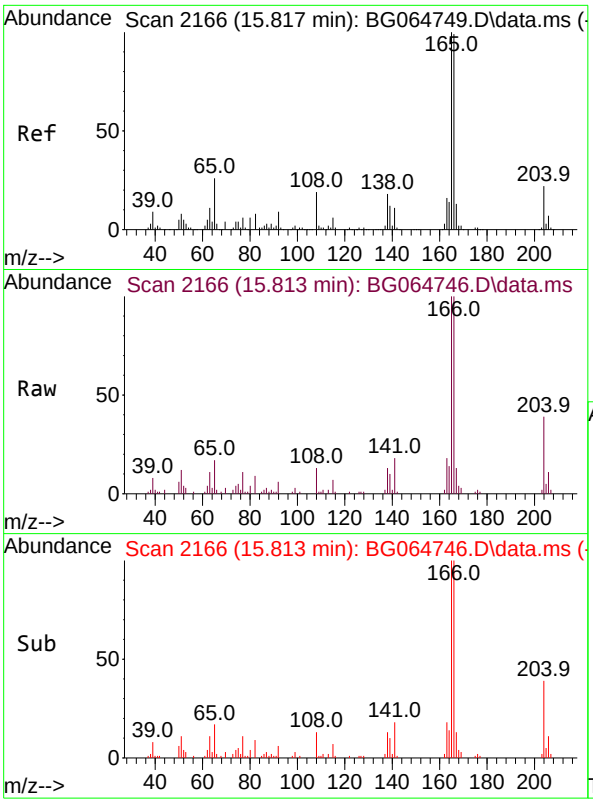



#57
2,4-Dinitrotoluene
Concen: 4.121 ng
RT: 15.114 min Scan# 2047
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:165 Resp: 8655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.2 | 37.8 | 56.6 |
| 89 | 70.7 | 51.6 | 77.4 |
| 182 | 4.1 | 2.0 | 3.0# |

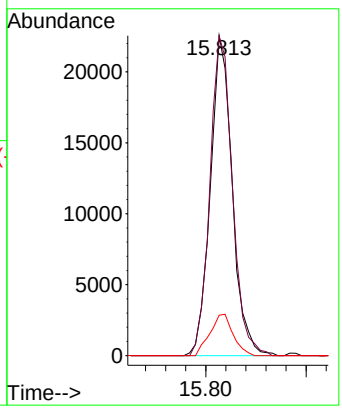





#58
Fluorene
Concen: 4.926 ng
RT: 15.813 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:166 Resp: 3411

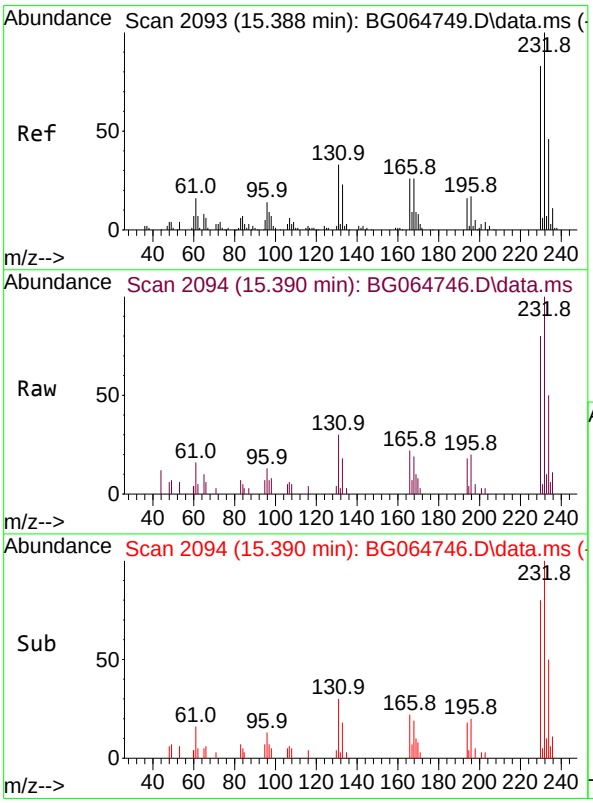
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.8 | 80.5 | 120.7 |
| 167 | 12.6 | 10.3 | 15.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

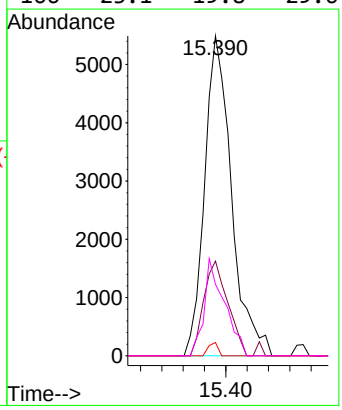
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

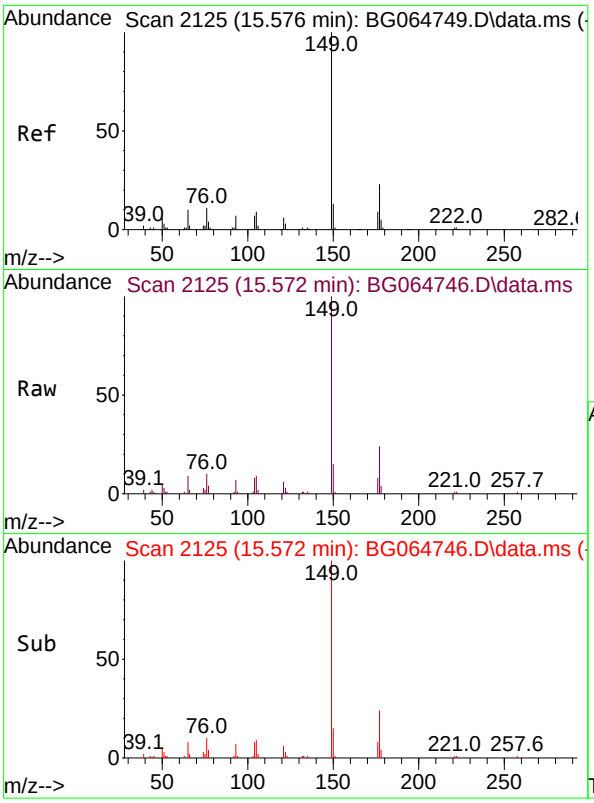



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.136 ng
RT: 15.390 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:232 Resp: 9634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 26.5 | 26.0 | 39.0 |
| 130 | 1.5 | 1.6 | 2.4# |
| 166 | 23.1 | 19.8 | 29.6 |

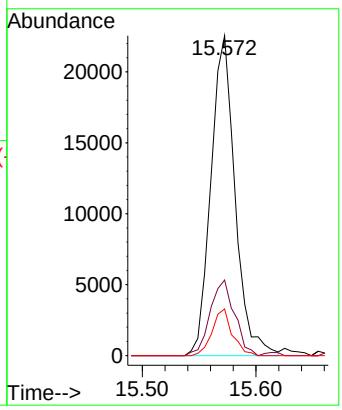





#60
Diethylphthalate
Concen: 4.767 ng
RT: 15.572 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:149 Resp: 3324

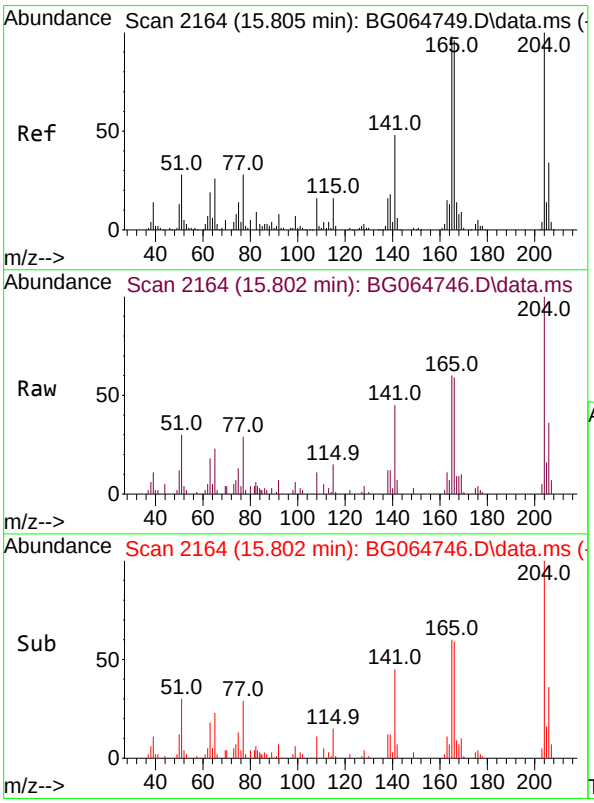
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.6 | 18.4 | 27.6 |
| 150 | 14.6 | 10.1 | 15.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

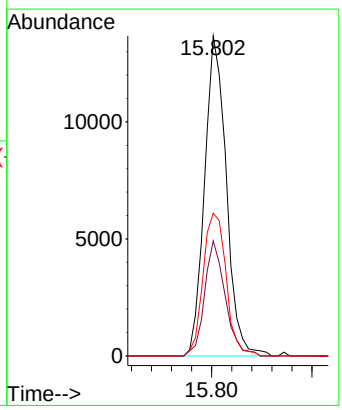
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

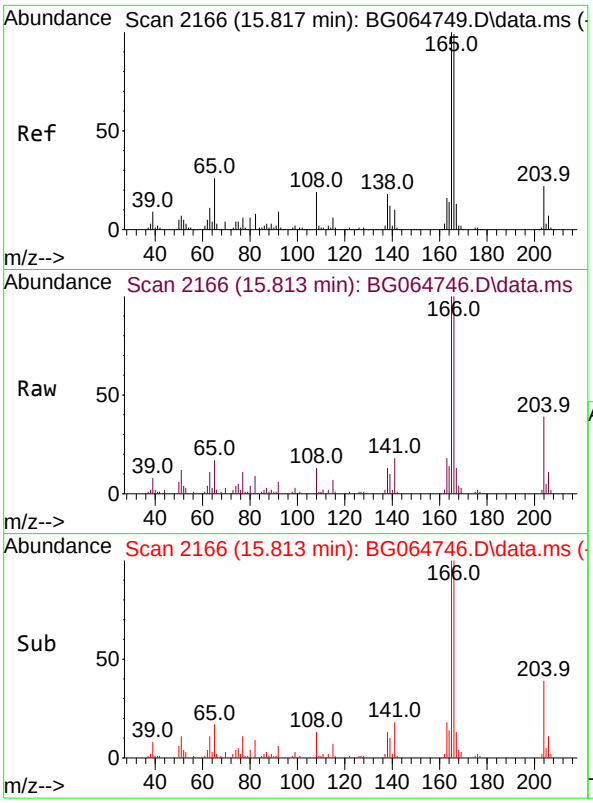



#61
4-Chlorophenyl-phenylether
Concen: 4.946 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:204 Resp: 20557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 36.0 | 26.9 | 40.3 |
| 141 | 44.6 | 38.1 | 57.1 |

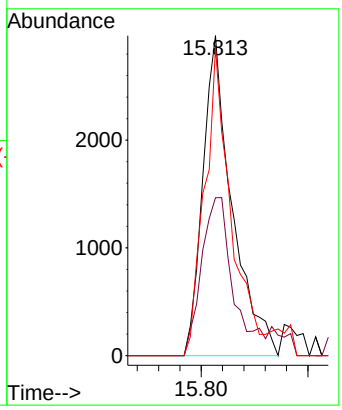





#62
4-Nitroaniline
Concen: 3.949 ng
RT: 15.813 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:138 Resp: 565

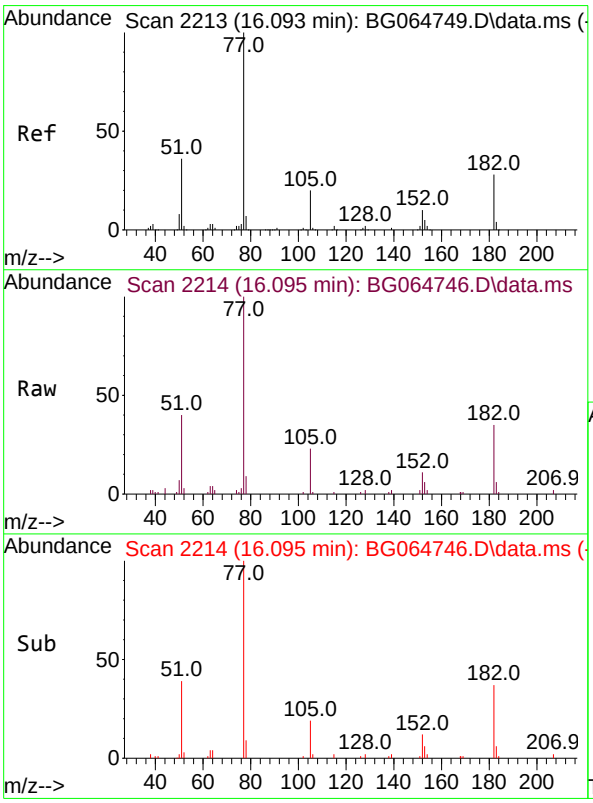
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.3 | 30.7 | 70.7 |
| 108 | 96.2 | 85.7 | 125.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

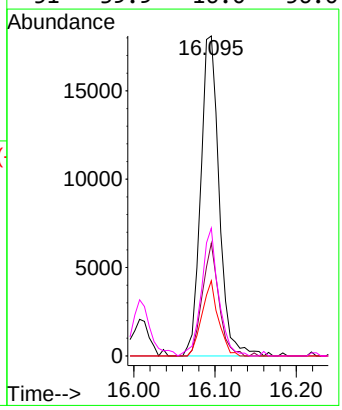
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

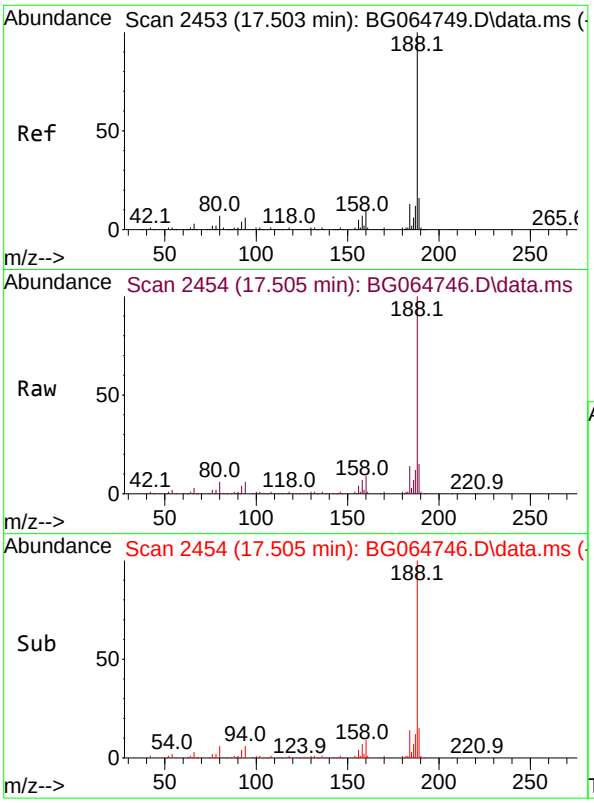



#63
Azobenzene
Concen: 4.940 ng
RT: 16.095 min Scan# 2214
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 77 Resp: 28653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 35.2 | 8.1 | 48.1 |
| 105 | 23.5 | 0.1 | 40.1 |
| 51 | 39.9 | 16.0 | 56.0 |






#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.505 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

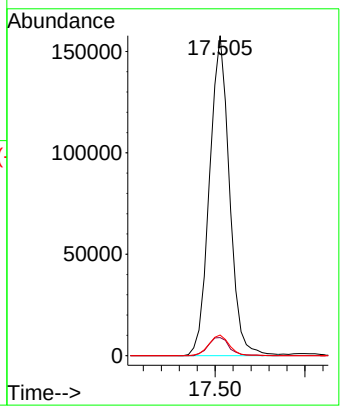
Tgt Ion:188 Resp: 24388

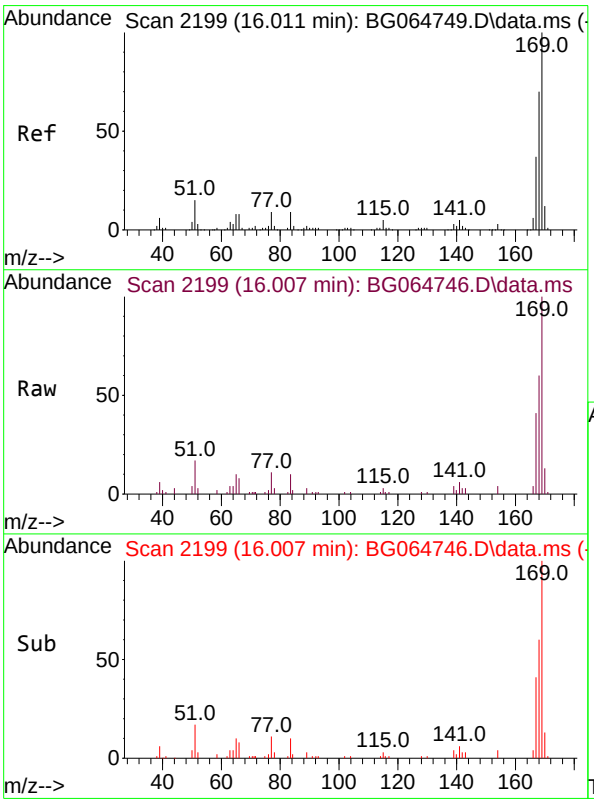
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.6 | 4.7 | 7.1 |
| 80 | 6.4 | 5.4 | 8.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

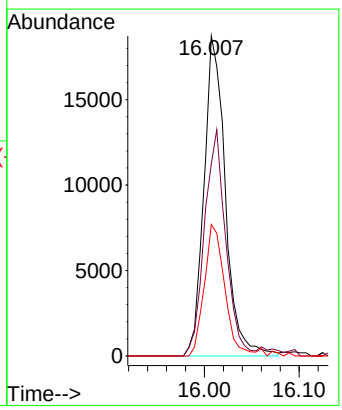


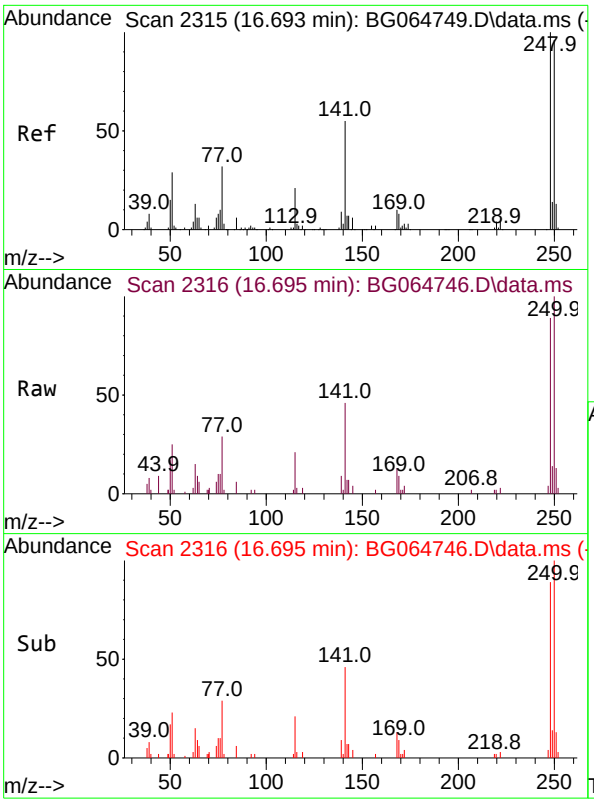




#66
n-Nitrosodiphenylamine
Concen: 4.609 ng
RT: 16.007 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:169 Resp: 29441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 60.0 | 55.9 | 83.9 |
| 167 | 41.1 | 29.8 | 44.6 |

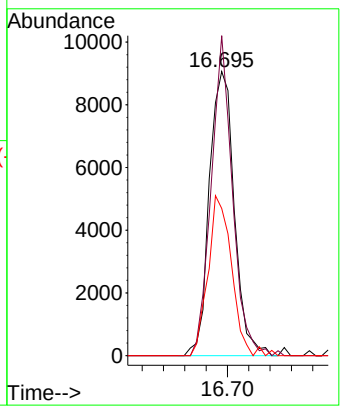





#67
4-Bromophenyl-phenylether
Concen: 4.597 ng
RT: 16.695 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:248 Resp: 1472

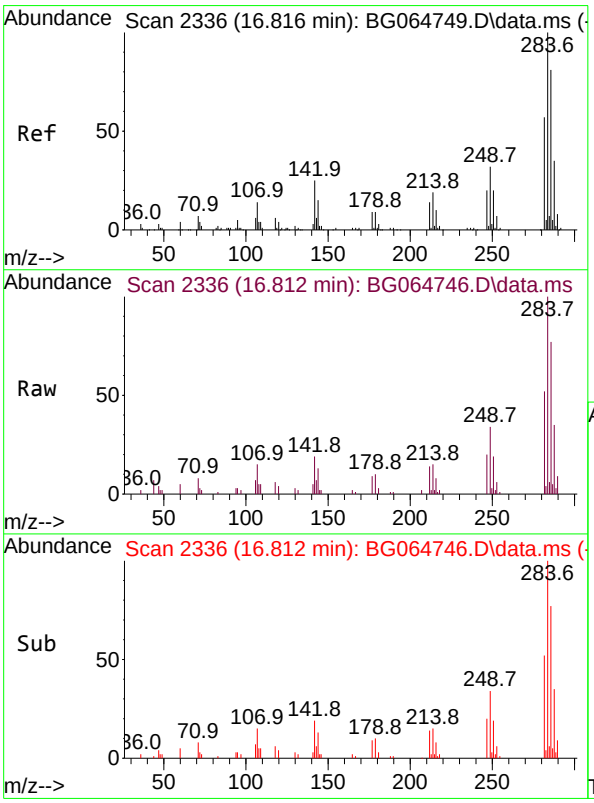
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 112.7 | 77.0 | 115.6 |
| 141 | 51.8 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

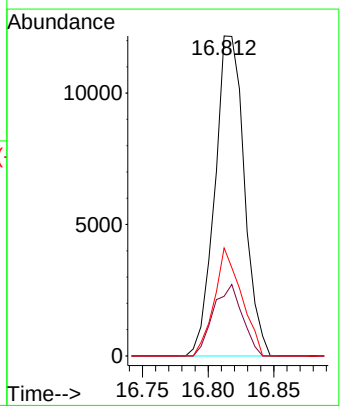
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

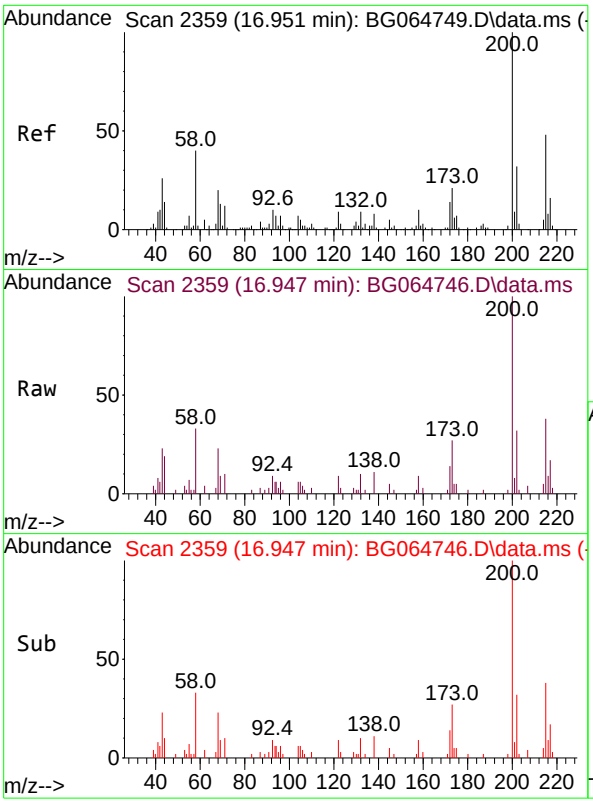



#68
Hexachlorobenzene
Concen: 4.900 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:284 Resp: 19015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 18.6 | 19.7 | 29.5# |
| 249 | 36.3 | 28.1 | 42.1 |

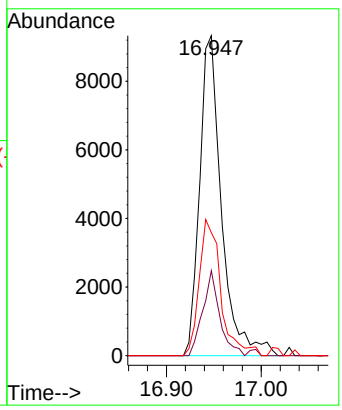





#69
Atrazine
Concen: 4.849 ng
RT: 16.947 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:200 Resp: 1493

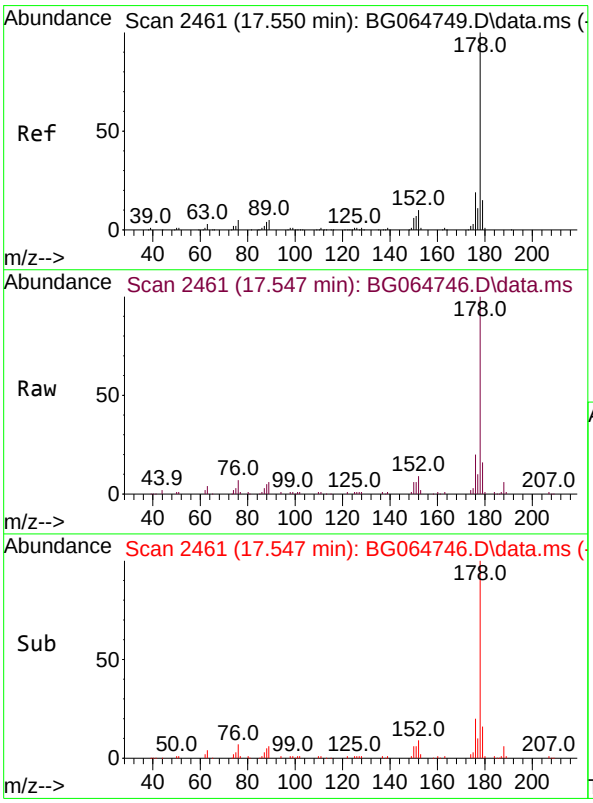
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 0.9 | 40.9 |
| 215 | 38.4 | 27.5 | 67.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

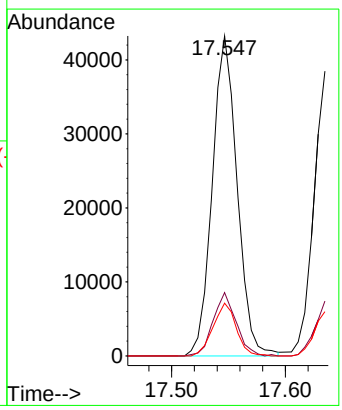
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

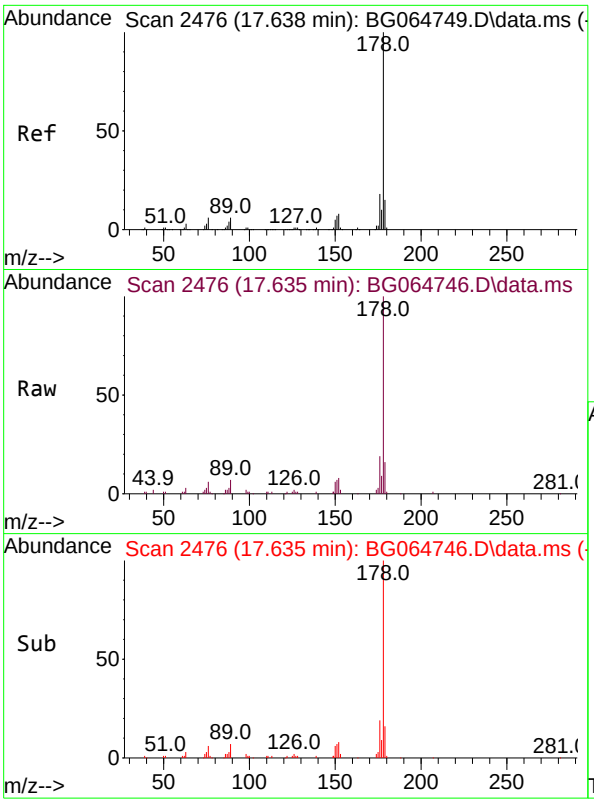



#71
Phenanthrene
Concen: 4.913 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:178 Resp: 65553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 14.8 | 22.2 |
| 179 | 16.5 | 12.2 | 18.4 |

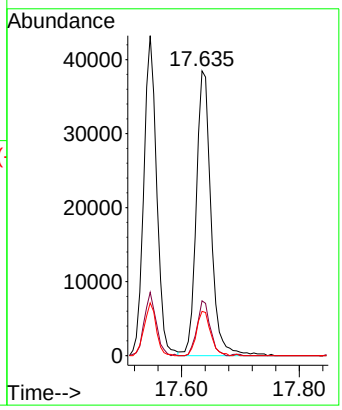





#72
Anthracene
Concen: 4.919 ng
RT: 17.635 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:178 Resp: 6692

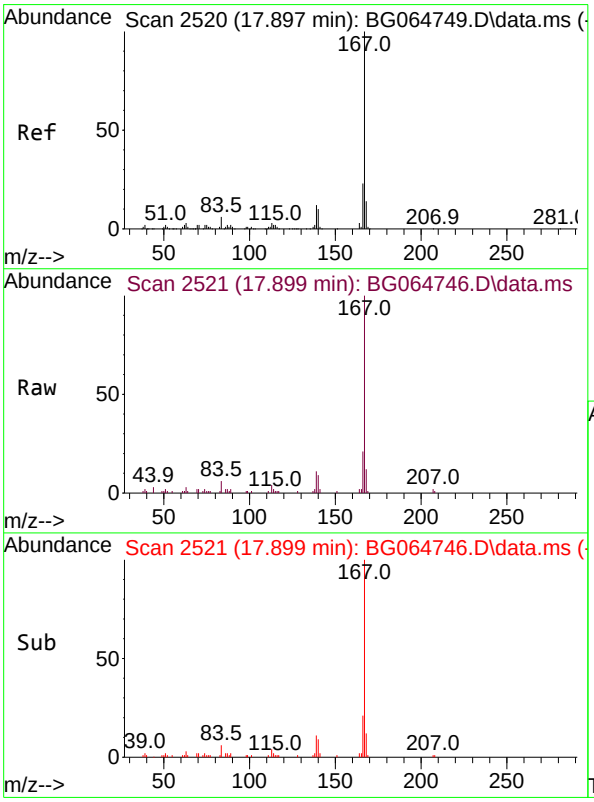
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 14.5 | 21.7 |
| 179 | 15.5 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

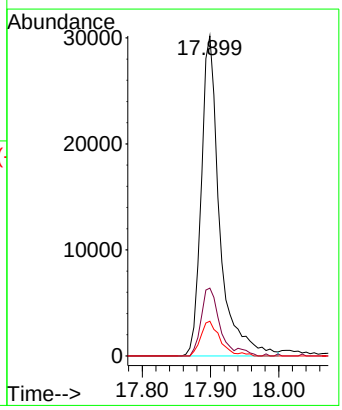
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

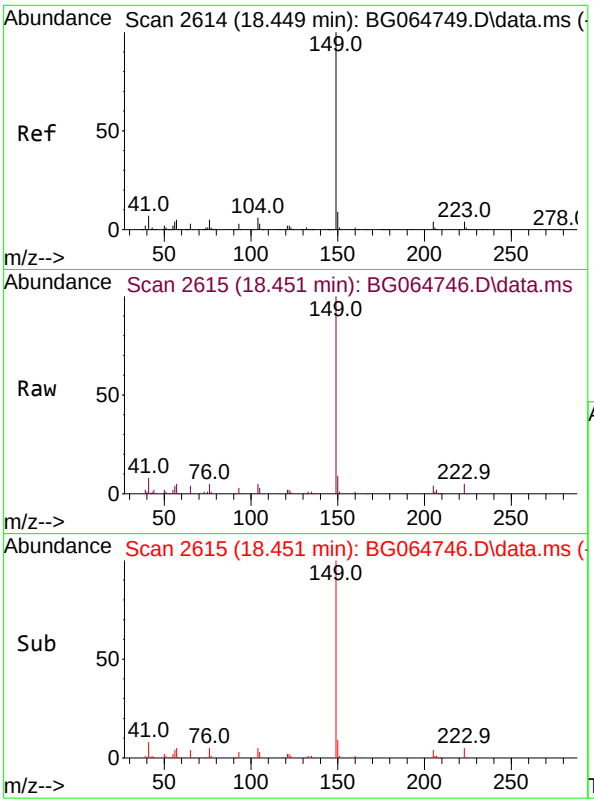



#73
Carbazole
Concen: 4.826 ng
RT: 17.899 min Scan# 2521
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:167 Resp: 56453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.2 | 18.0 | 27.0 |
| 139 | 10.8 | 9.7 | 14.5 |

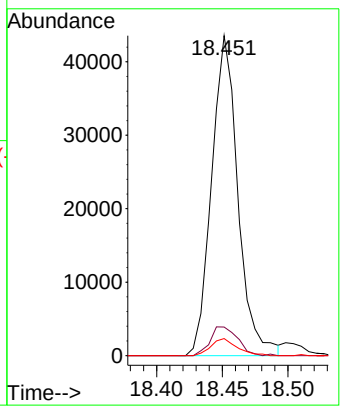





#74
Di-n-butylphthalate
Concen: 4.661 ng
RT: 18.451 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:149 Resp: 6082

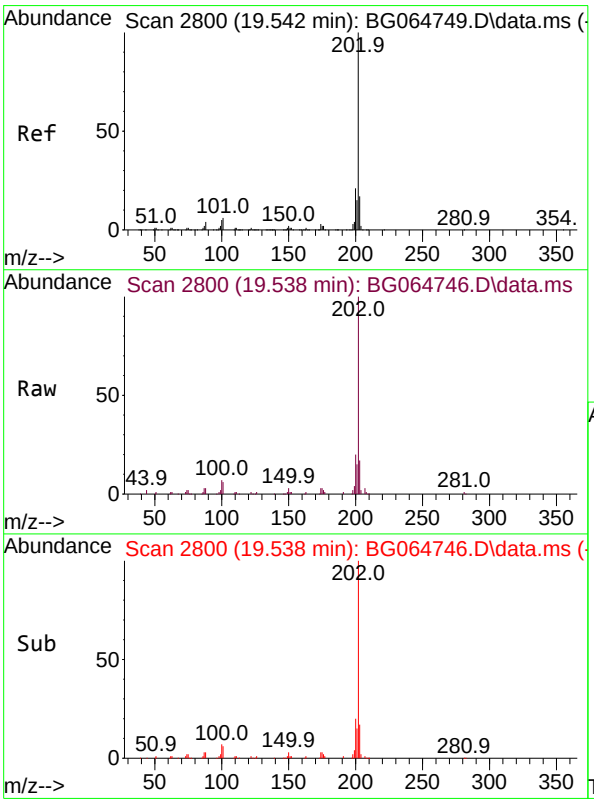
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.5 | 11.3 |
| 104 | 5.3 | 4.4 | 6.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

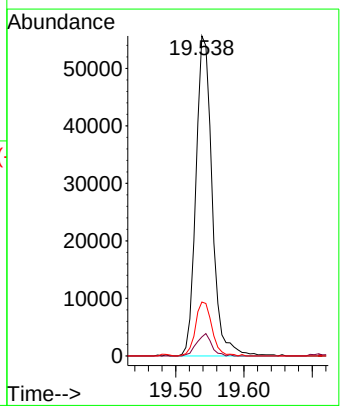
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

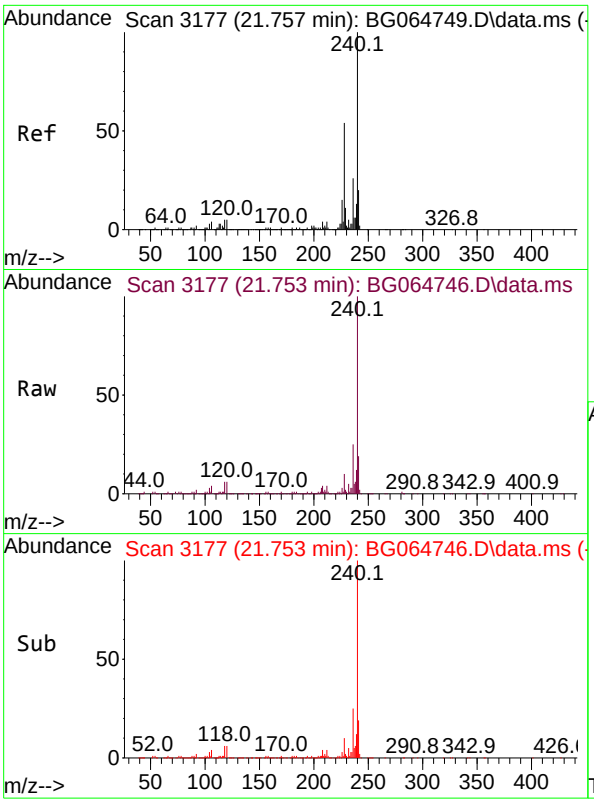



#75
Fluoranthene
Concen: 5.039 ng
RT: 19.538 min Scan# 2800
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:202 Resp: 91935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 5.9 | 0.0 | 26.4 |
| 203 | 16.8 | 0.0 | 37.5 |

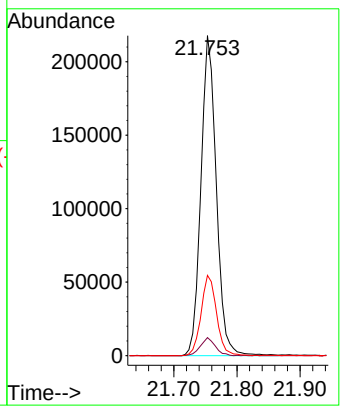





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:240 Resp: 36776

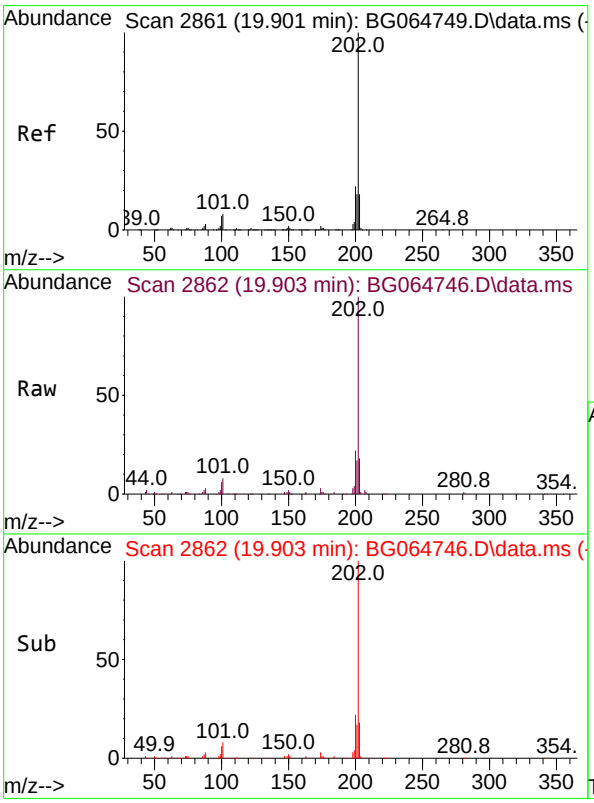
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.6 | 4.2 | 6.4 |
| 236 | 25.1 | 20.8 | 31.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

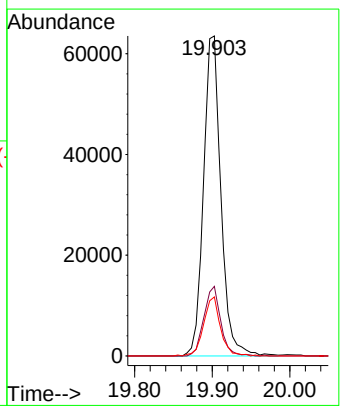
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

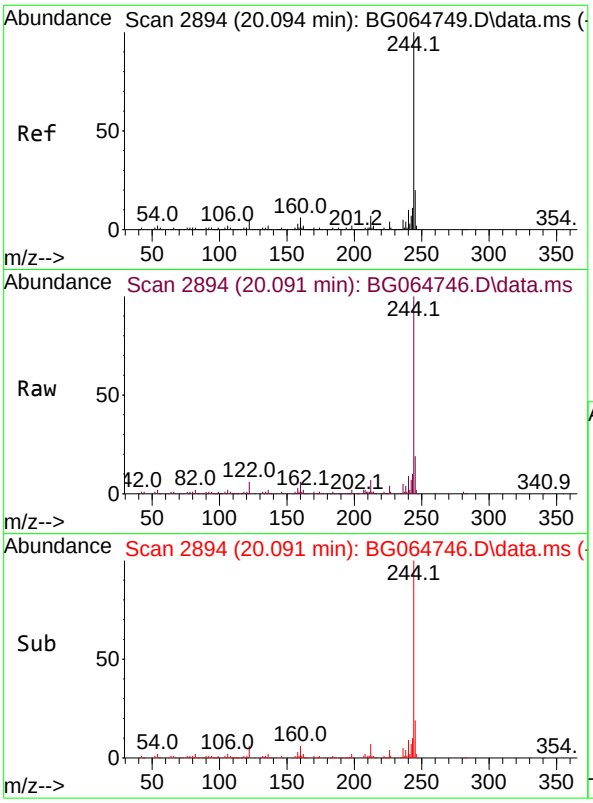



#78
Pyrene
Concen: 4.798 ng
RT: 19.903 min Scan# 2862
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:202 Resp: 98904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 17.9 | 26.9 |
| 203 | 18.4 | 14.0 | 21.0 |

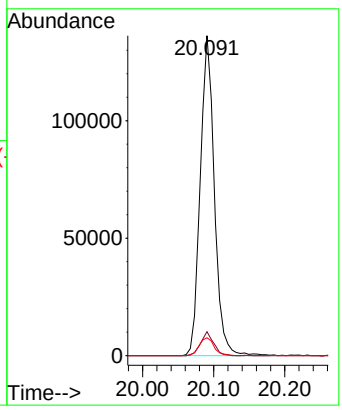





#79
Terphenyl-d14
Concen: 10.008 ng
RT: 20.091 min Scan# 28
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:244 Resp: 187118

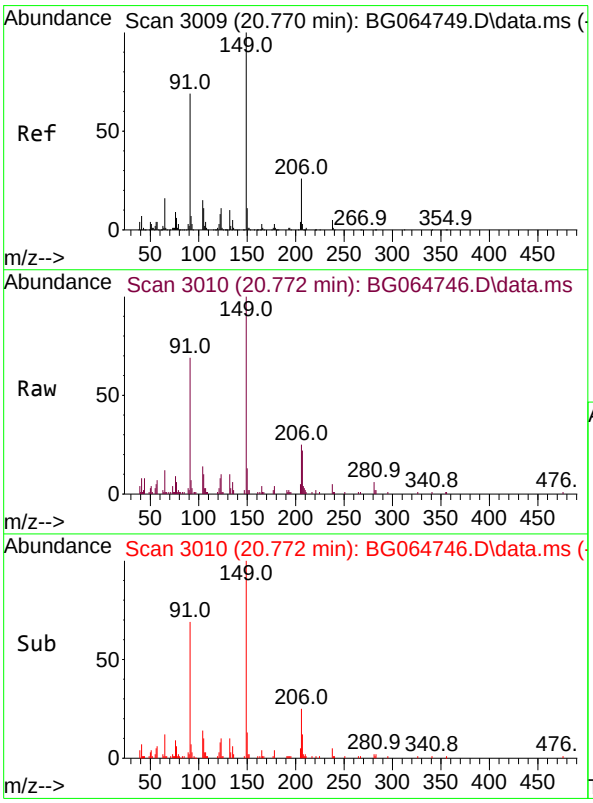
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 5.8 | 8.6 |
| 122 | 5.6 | 4.3 | 6.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

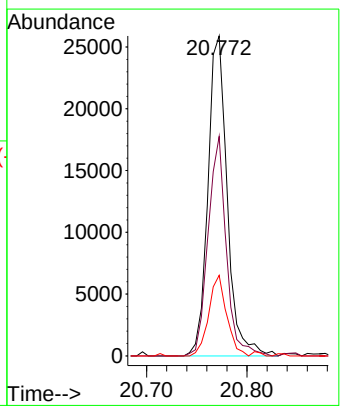
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

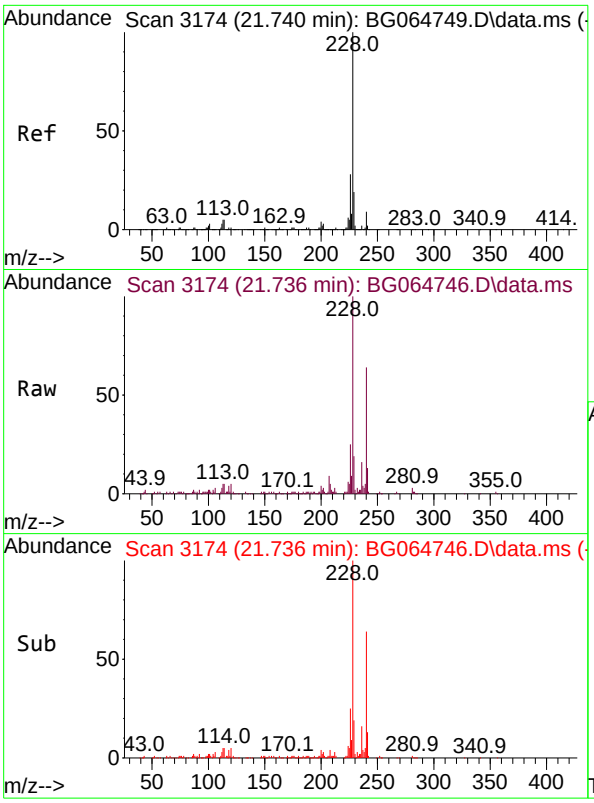



#80
Butylbenzylphthalate
Concen: 4.775 ng
RT: 20.772 min Scan# 3010
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:149 Resp: 34617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.6 | 54.9 | 82.3 |
| 206 | 25.2 | 21.2 | 31.8 |

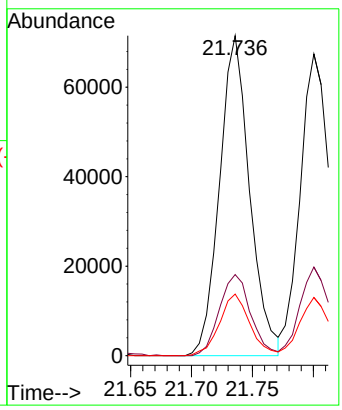





#81
Benzo(a)anthracene
Concen: 4.919 ng
RT: 21.736 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:228 Resp: 12300

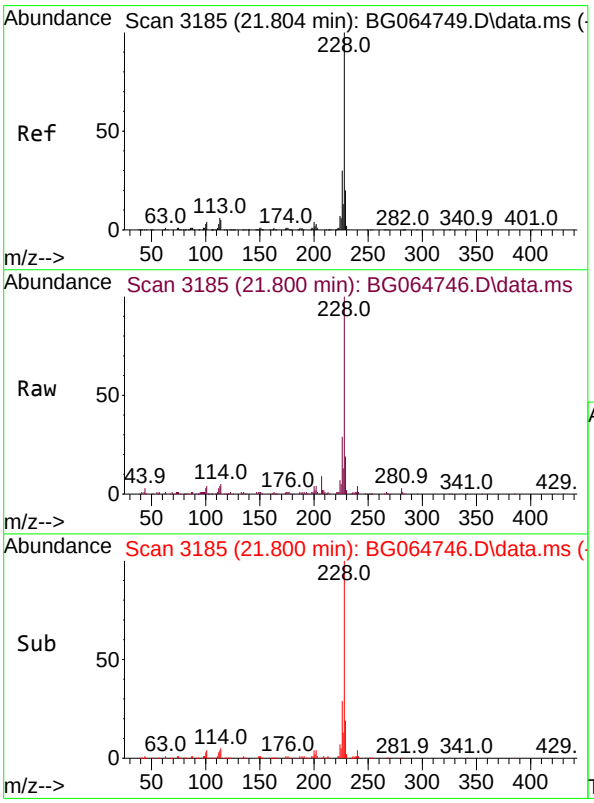
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 25.3 | 22.1 | 33.1 |
| 229 | 19.2 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

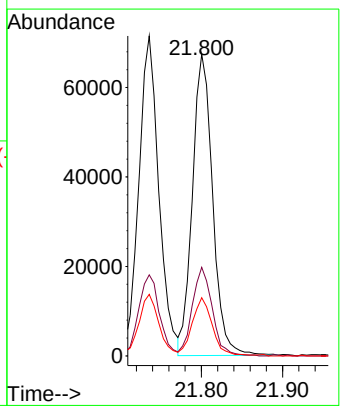
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

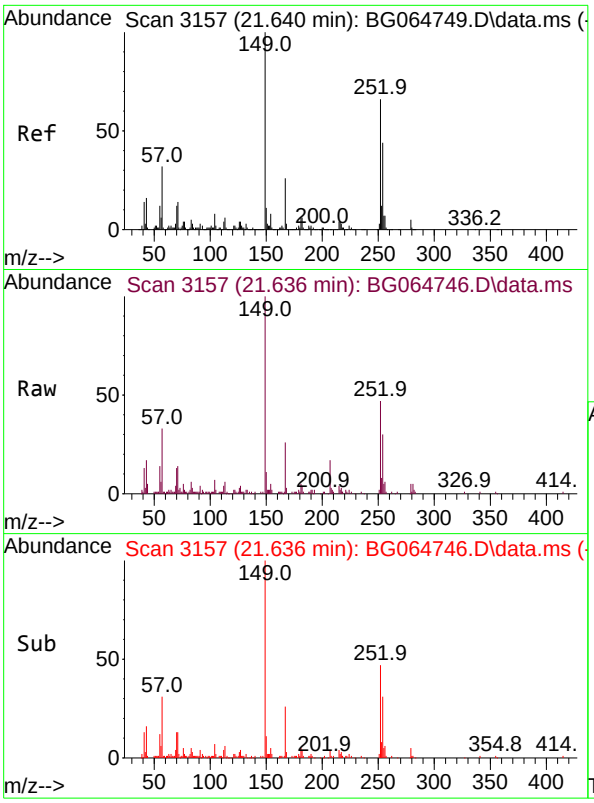



#83
Chrysene
Concen: 4.937 ng
RT: 21.800 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:228 Resp: 116400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 24.2 | 36.2 |
| 229 | 19.3 | 16.0 | 24.0 |






#84
Bis(2-ethylhexyl)phthalate
Concen: 5.050 ng
RT: 21.636 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

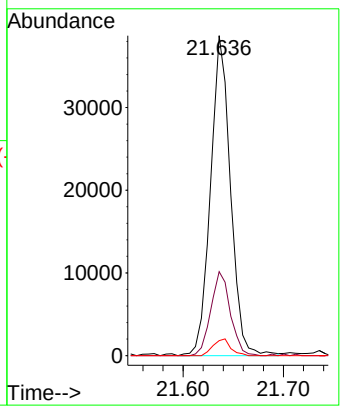
Tgt Ion:149 Resp: 5349

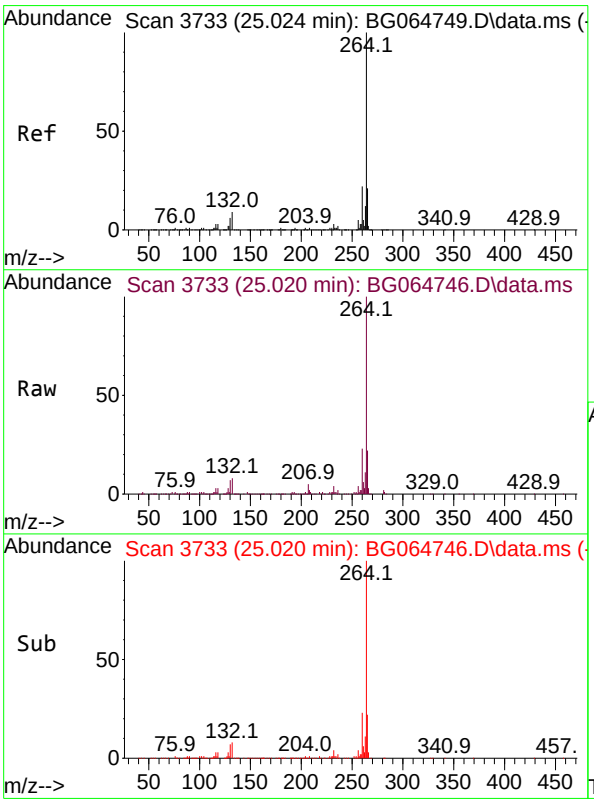
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.3 | 21.0 | 31.4 |
| 279 | 4.7 | 4.1 | 6.1 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

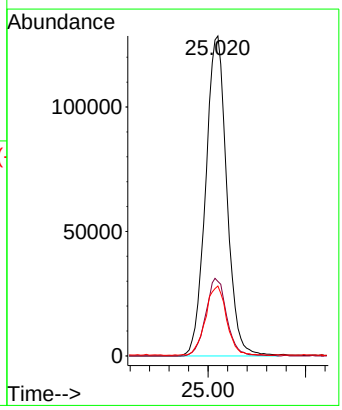


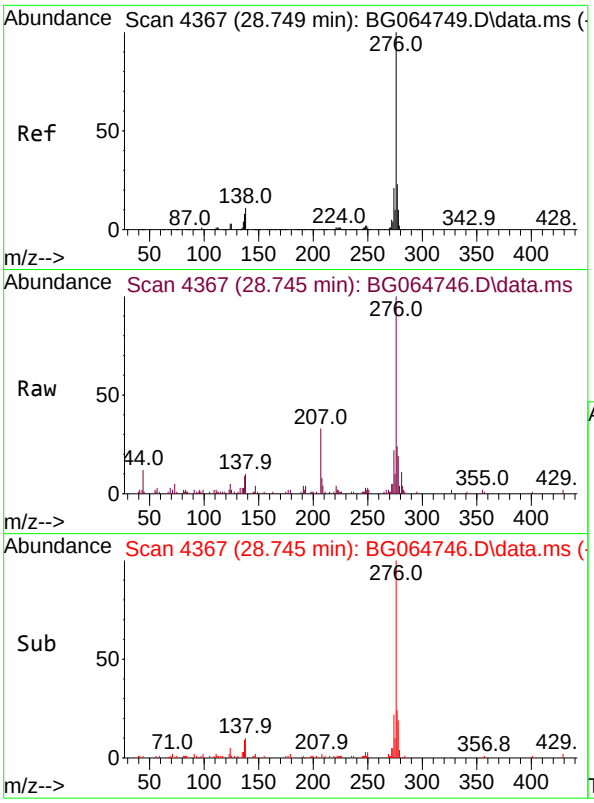




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.020 min Scan# 3733
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:264 Resp: 386937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 17.2 | 25.8 |
| 265 | 21.8 | 16.6 | 25.0 |






#87
Indeno(1,2,3-cd)pyrene
Concen: 4.593 ng
RT: 28.745 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

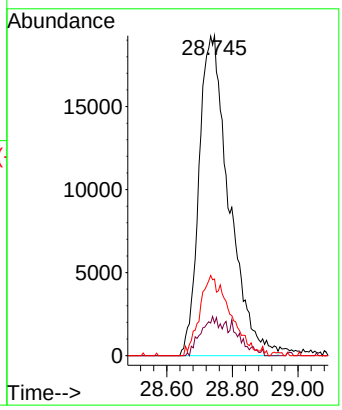
Tgt Ion:276 Resp: 12209

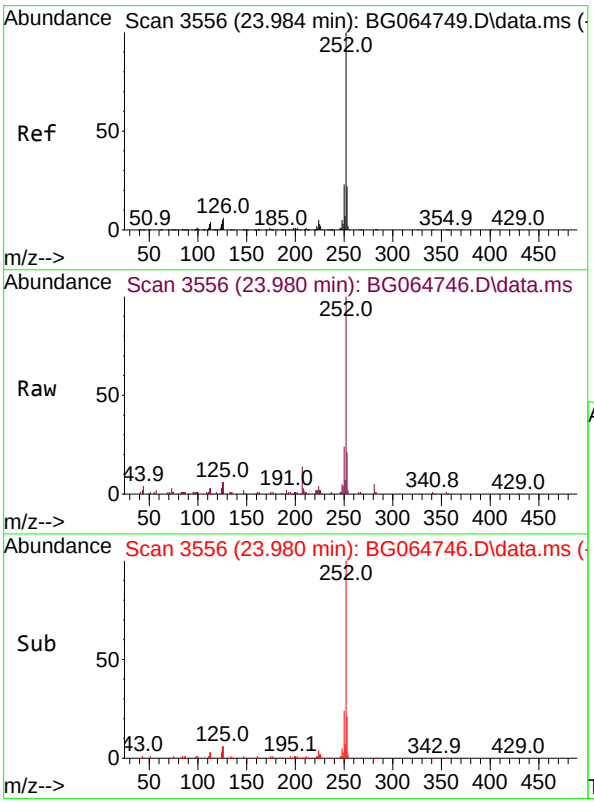
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 7.8 | 4.5 | 6.7 |
| 277 | 25.3 | 20.0 | 30.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

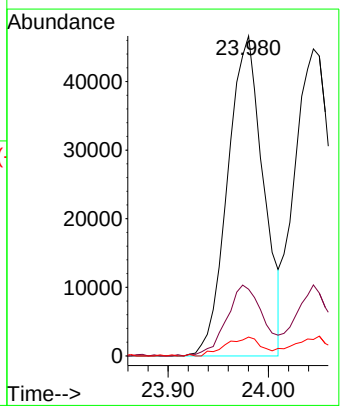


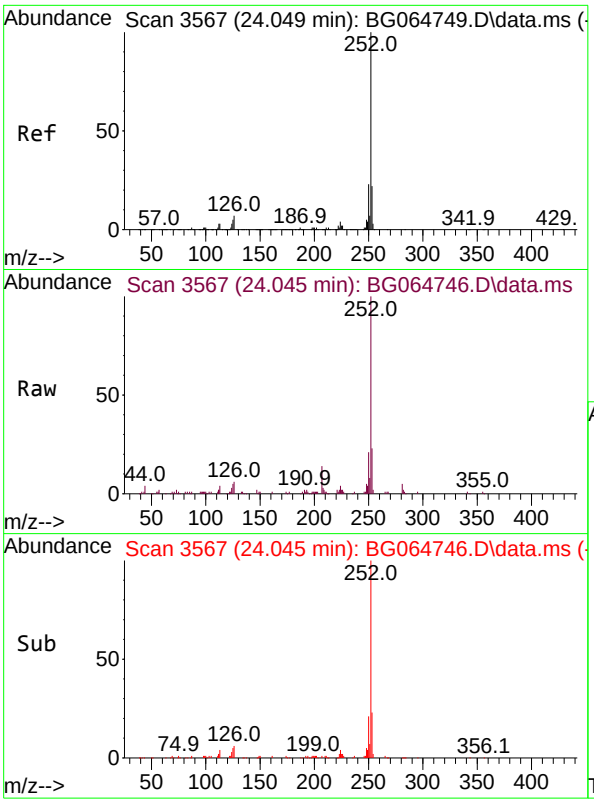




#88
Benzo(b)fluoranthene
Concen: 4.673 ng
RT: 23.980 min Scan# 3556
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:252 Resp: 115075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.8 | 17.4 | 26.2 |
| 125 | 5.9 | 4.2 | 6.2 |

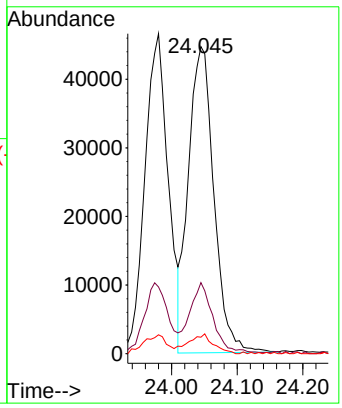





#89
Benzo(k)fluoranthene
Concen: 4.867 ng
RT: 24.045 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:252 Resp: 12041

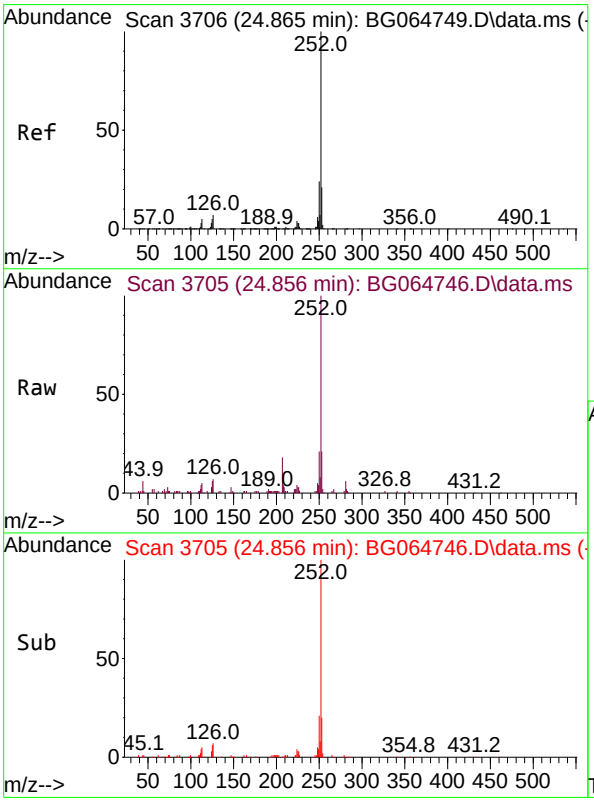
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.8 | 26.8 |
| 125 | 5.4 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

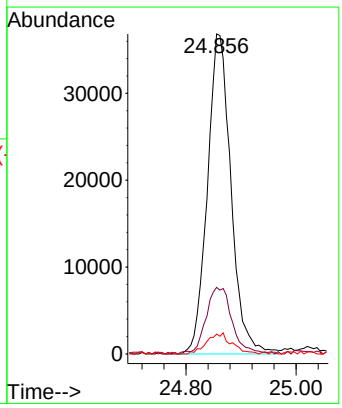
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

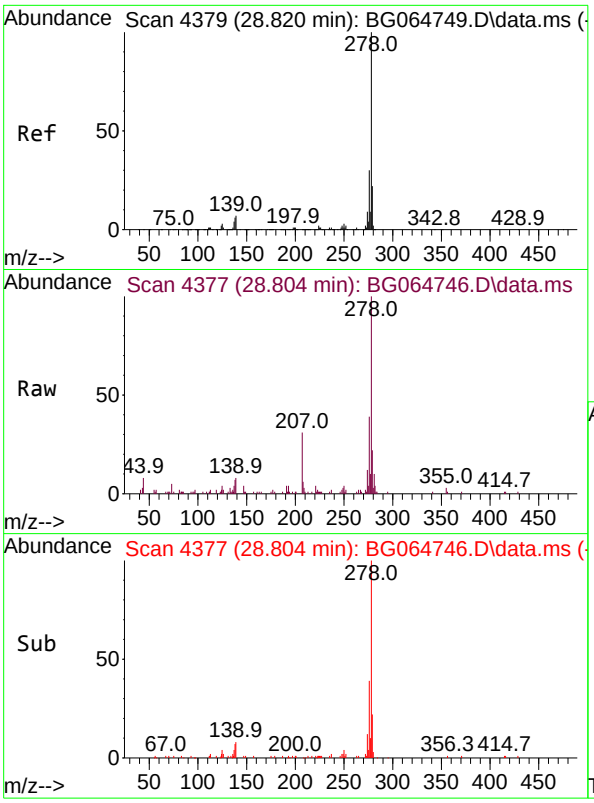



#90
Benzo(a)pyrene
Concen: 4.788 ng
RT: 24.856 min Scan# 3705
Delta R.T. -0.010 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:252 Resp: 109366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.8 | 16.9 | 25.3 |
| 125 | 6.2 | 4.2 | 6.4 |






#91
Dibenzo(a,h)anthracene
Concen: 4.556 ng
RT: 28.804 min Scan# 4
Delta R.T. -0.016 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

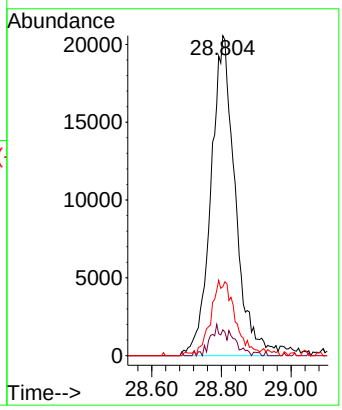
Tgt Ion:278 Resp: 9921

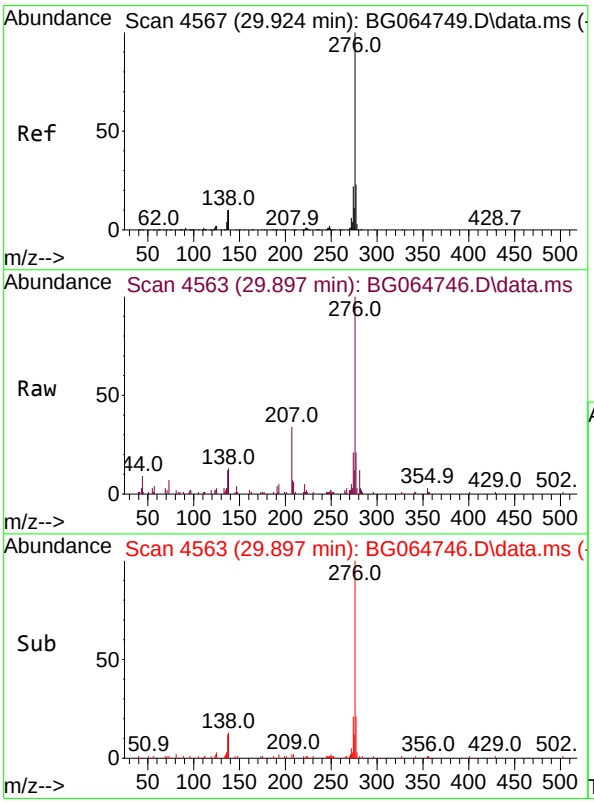
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.1 | 5.8 | 8.8 |
| 279 | 21.5 | 17.3 | 25.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC005

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

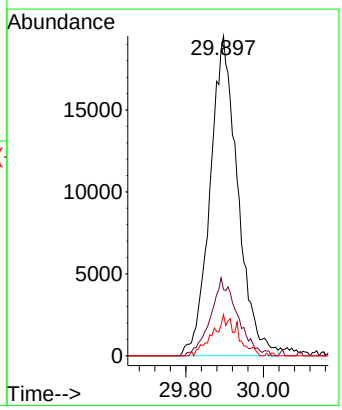



#92
Benzo(g,h,i)perylene
Concen: 4.615 ng
RT: 29.897 min Scan# 4563
Delta R.T. -0.027 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:276 Resp: 96719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 20.7 | 18.0 | 27.0 |
| 138 | 12.9 | 8.2 | 12.2# |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064747.D
Acq On : 12 Nov 2025 12:39
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:55:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.164 | 152 | 28063 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.985 | 136 | 110132 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.774 | 164 | 90796 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.506 | 188 | 239033 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.754 | 240 | 366018 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.021 | 264 | 382667 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.703 | 112 | 31652 | 19.695 | ng | | 0.00 |
| 7) Phenol-d6 | 7.307 | 99 | 41135 | 19.245 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.328 | 82 | 41577 | 18.666 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.249 | 330 | 34875 | 19.694 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.405 | 172 | 131226 | 20.167 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.092 | 244 | 376175 | 20.217 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.529 | 88 | 6388 | 10.268 | ng | | 97 |
| 3) Pyridine | 3.946 | 79 | 18201 | 9.819 | ng | | 92 |
| 4) n-Nitrosodimethylamine | 3.852 | 42 | 9221 | 9.773 | ng | # | 98 |
| 6) Aniline | 7.477 | 93 | 28080 | 9.856 | ng | | 98 |
| 8) 2-Chlorophenol | 7.730 | 128 | 17126 | 9.705 | ng | | 94 |
| 9) Benzaldehyde | 7.295 | 77 | 14410 | 10.299 | ng | | 96 |
| 10) Phenol | 7.330 | 94 | 22227 | 9.557 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.571 | 93 | 16009 | 9.674 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 8.059 | 146 | 19968 | 9.834 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.206 | 146 | 20506 | 9.918 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.523 | 146 | 19237 | 9.596 | ng | | 96 |
| 15) Benzyl Alcohol | 8.394 | 79 | 14805 | 8.438 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.687 | 45 | 39228 | 10.014 | ng | | 96 |
| 17) 2-Methylphenol | 8.599 | 107 | 16118 | 9.795 | ng | | 97 |
| 18) Hexachloroethane | 9.263 | 117 | 7708 | 9.843 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.969 | 70 | 14240 | 9.853 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.928 | 107 | 20773 | 9.215 | ng | | 97 |
| 22) Acetophenone | 8.987 | 105 | 29535 | 9.843 | ng | | 93 |
| 24) Nitrobenzene | 9.369 | 77 | 21900 | 9.730 | ng | | 99 |
| 25) Isophorone | 9.898 | 82 | 41875 | 9.872 | ng | | 96 |
| 26) 2-Nitrophenol | 10.086 | 139 | 9640 | 9.523 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 10.139 | 122 | 16597 | 9.228 | ng | | 93 |
| 28) bis(2-Chloroethoxy)met... | 10.368 | 93 | 23070 | 9.907 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.626 | 162 | 18228 | 9.440 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.844 | 180 | 22952 | 9.844 | ng | | 99 |
| 31) Naphthalene | 11.032 | 128 | 64016 | 10.254 | ng | | 98 |
| 32) Benzoic acid | 10.233 | 122 | 7448m | 10.914 | ng | | |
| 33) 4-Chloroaniline | 11.132 | 127 | 24891 | 9.967 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.325 | 225 | 19432 | 9.713 | ng | | 97 |
| 35) Caprolactam | 11.878 | 113 | 4958 | 8.592 | ng | # | 92 |
| 36) 4-Chloro-3-methylphenol | 12.236 | 107 | 21366 | 9.942 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.624 | 142 | 46349 | 9.921 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.841 | 142 | 46327m | 9.982 | ng | | |
| 40) 1,2,4,5-Tetrachloroben... | 12.988 | 216 | 33859 | 9.582 | ng | | 96 |
| 41) Hexachlorocyclopentadiene | 12.971 | 237 | 21693 | 8.565 | ng | | 91 |
| 43) 2,4,6-Trichlorophenol | 13.217 | 196 | 19600 | 9.451 | ng | | 95 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064747.D
Acq On : 12 Nov 2025 12:39
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:55:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.288 | 196 | 20868 | 8.972 | ng | | 93 |
| 46) 1,1'-Biphenyl | 13.617 | 154 | 64329 | 9.864 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.664 | 162 | 50487 | 9.827 | ng | | 98 |
| 48) 2-Nitroaniline | 13.852 | 65 | 15648 | 9.469 | ng | | 87 |
| 49) Acenaphthylene | 14.498 | 152 | 87532 | 9.973 | ng | | 99 |
| 50) Dimethylphthalate | 14.216 | 163 | 71209 | 9.928 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 14.334 | 165 | 12760 | 9.246 | ng | | 92 |
| 52) Acenaphthene | 14.839 | 154 | 50131 | 9.526 | ng | | 98 |
| 53) 3-Nitroaniline | 14.663 | 138 | 12586 | 9.240 | ng | | 87 |
| 54) 2,4-Dinitrophenol | 14.874 | 184 | 2717 | 11.149 | ng | # | 84 |
| 55) Dibenzofuran | 15.168 | 168 | 90369 | 10.387 | ng | | 97 |
| 56) 4-Nitrophenol | 14.951 | 139 | 8225 | 7.611 | ng | # | 83 |
| 57) 2,4-Dinitrotoluene | 15.115 | 165 | 19317 | 9.336 | ng | | 95 |
| 58) Fluorene | 15.814 | 166 | 71244 | 10.441 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.391 | 232 | 21790 | 9.495 | ng | # | 97 |
| 60) Diethylphthalate | 15.568 | 149 | 69072 | 10.053 | ng | | 97 |
| 61) 4-Chlorophenyl-phenyle... | 15.803 | 204 | 42098 | 10.280 | ng | | 98 |
| 62) 4-Nitroaniline | 15.814 | 138 | 13078 | 9.268 | ng | | 95 |
| 63) Azobenzene | 16.090 | 77 | 58632 | 10.260 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.873 | 198 | 8710 | 6.563 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 16.014 | 169 | 63405 | 10.127 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 16.696 | 248 | 31456 | 10.021 | ng | | 96 |
| 68) Hexachlorobenzene | 16.813 | 284 | 37251 | 9.795 | ng | | 93 |
| 69) Atrazine | 16.948 | 200 | 30006 | 9.940 | ng | | 96 |
| 70) Pentachlorophenol | 17.154 | 266 | 10561 | 10.475 | ng | | 95 |
| 71) Phenanthrene | 17.548 | 178 | 133643 | 10.219 | ng | | 99 |
| 72) Anthracene | 17.636 | 178 | 134138 | 10.059 | ng | | 99 |
| 73) Carbazole | 17.900 | 167 | 117923 | 10.286 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.452 | 149 | 132248 | 10.340 | ng | | 99 |
| 75) Fluoranthene | 19.539 | 202 | 186154 | 10.409 | ng | | 99 |
| 77) Benzidine | 19.710 | 184 | 123305 | 11.249 | ng | | 96 |
| 78) Pyrene | 19.898 | 202 | 199370 | 9.719 | ng | | 97 |
| 80) Butylbenzylphthalate | 20.773 | 149 | 71488 | 9.908 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.737 | 228 | 250849 | 10.079 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.643 | 252 | 91769 | 10.018 | ng | | 100 |
| 83) Chrysene | 21.801 | 228 | 236517 | 10.080 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.637 | 149 | 106405 | 10.092 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.865 | 149 | 181658 | 9.967 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.740 | 276 | 253326 | 9.636 | ng | # | 98 |
| 88) Benzo(b)fluoranthene | 23.981 | 252 | 239260 | 9.825 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.046 | 252 | 248008 | 10.137 | ng | | 100 |
| 90) Benzo(a)pyrene | 24.863 | 252 | 224991 | 9.960 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.805 | 278 | 208966 | 9.702 | ng | # | 96 |
| 92) Benzo(g,h,i)perylene | 29.904 | 276 | 199793 | 9.639 | ng | # | 96 |

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

ICAL Form

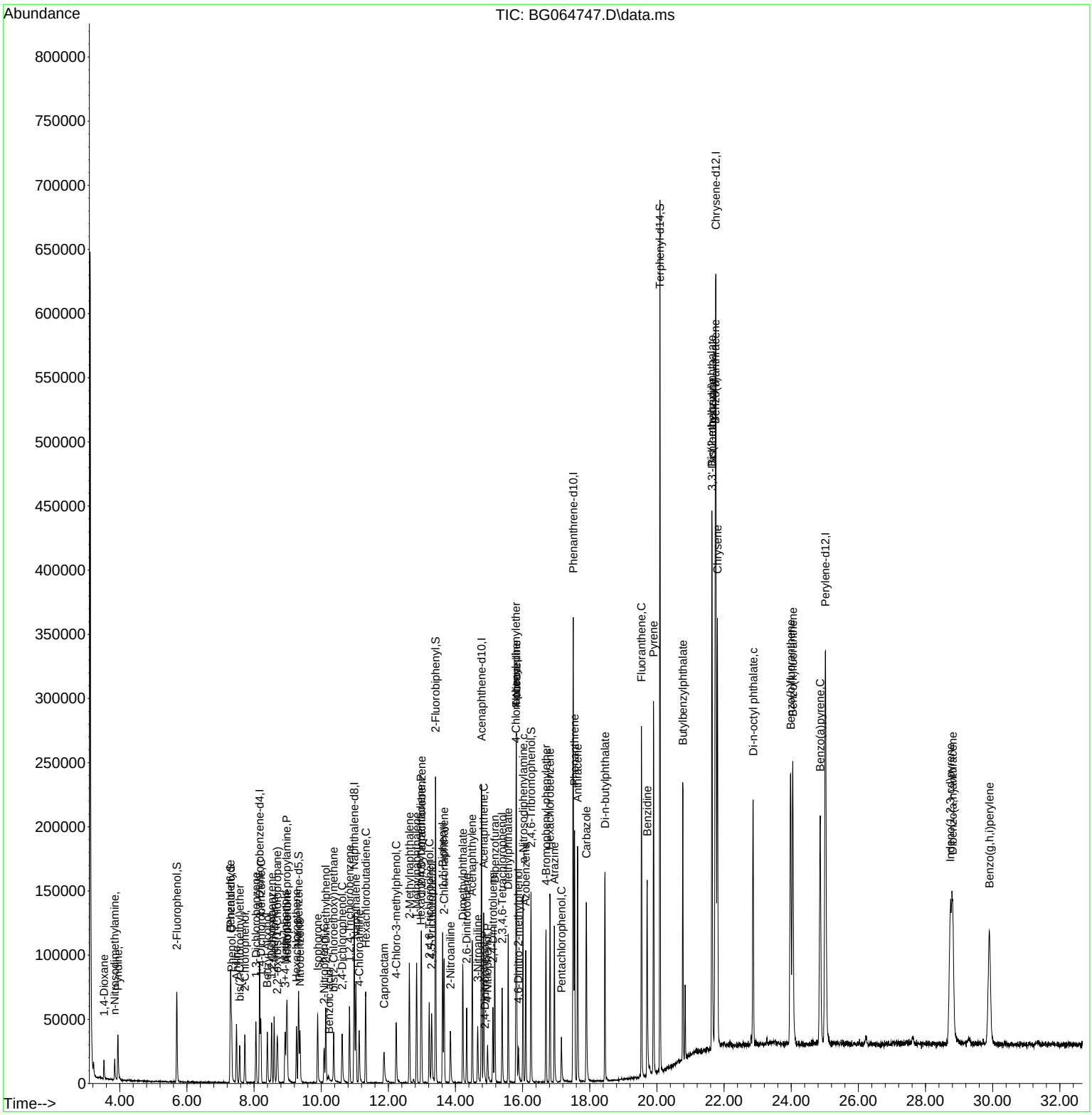
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064747.D
Acq On : 12 Nov 2025 12:39
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

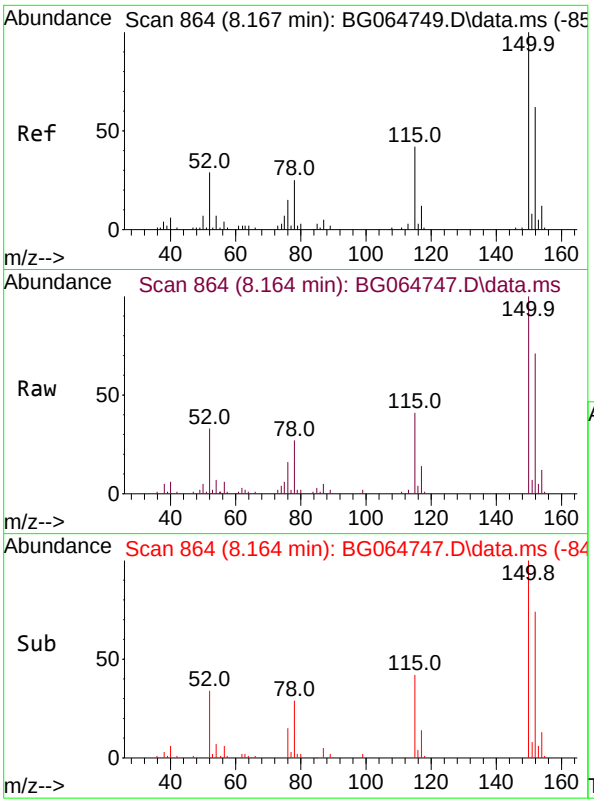
Quant Time: Nov 12 16:55:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

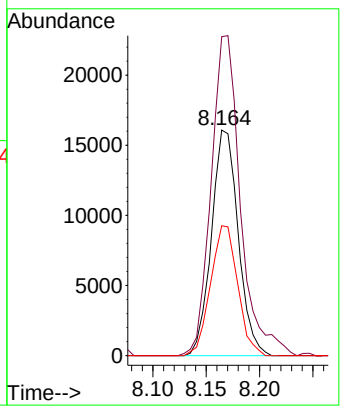





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:152 Resp: 2806

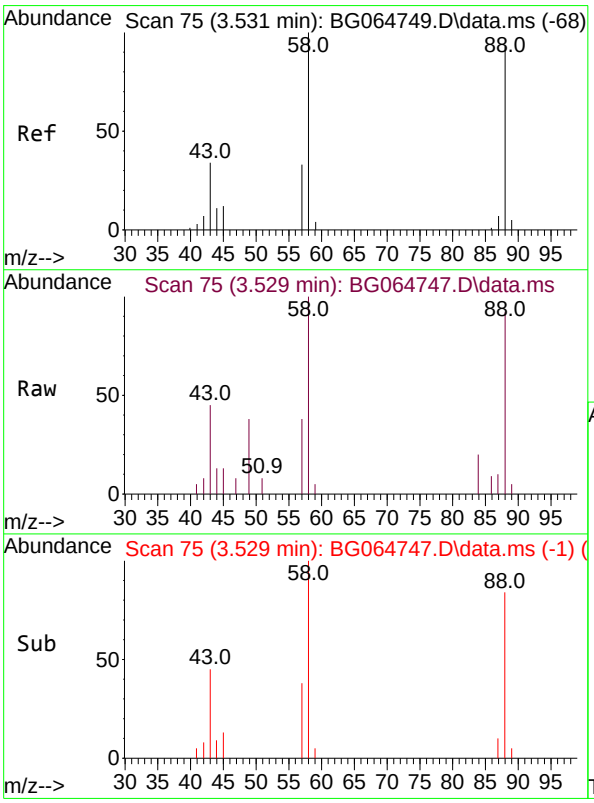
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.4 | 129.2 | 193.8 |
| 115 | 57.5 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

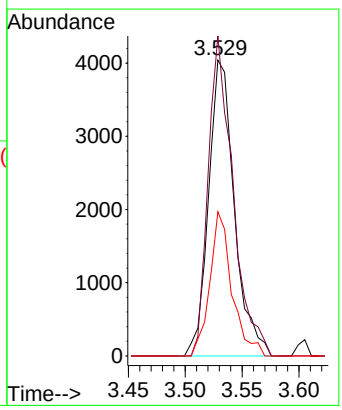
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

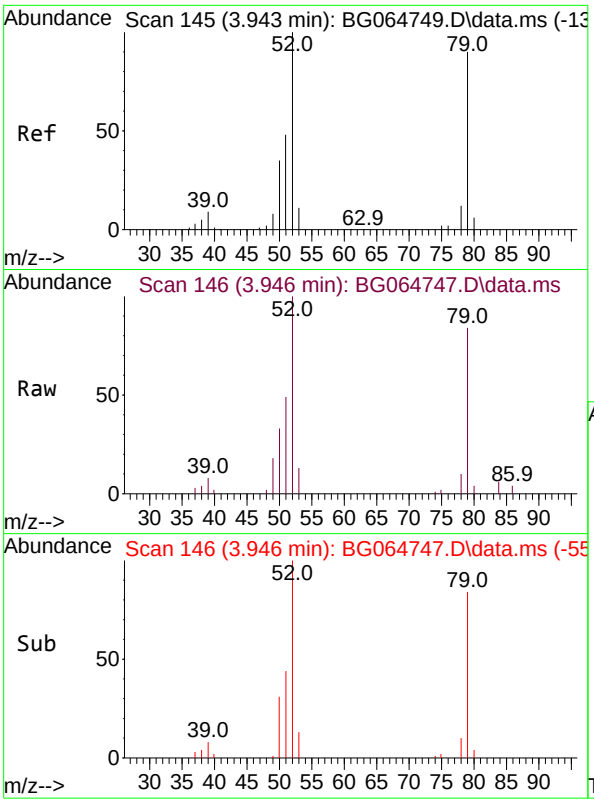



#2
1,4-Dioxane
Concen: 10.268 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 88 Resp: 6388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 103.7 | 84.6 | 126.8 |
| 43 | 41.7 | 30.0 | 45.0 |






#3
Pyridine
Concen: 9.819 ng
RT: 3.946 min Scan# 14
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

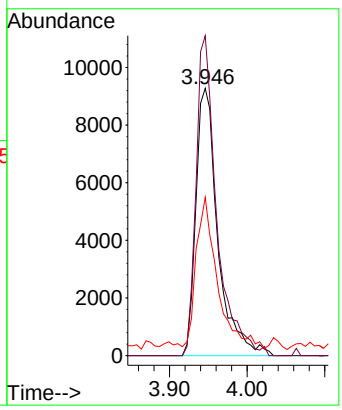
Tgt Ion: 79 Resp: 1820

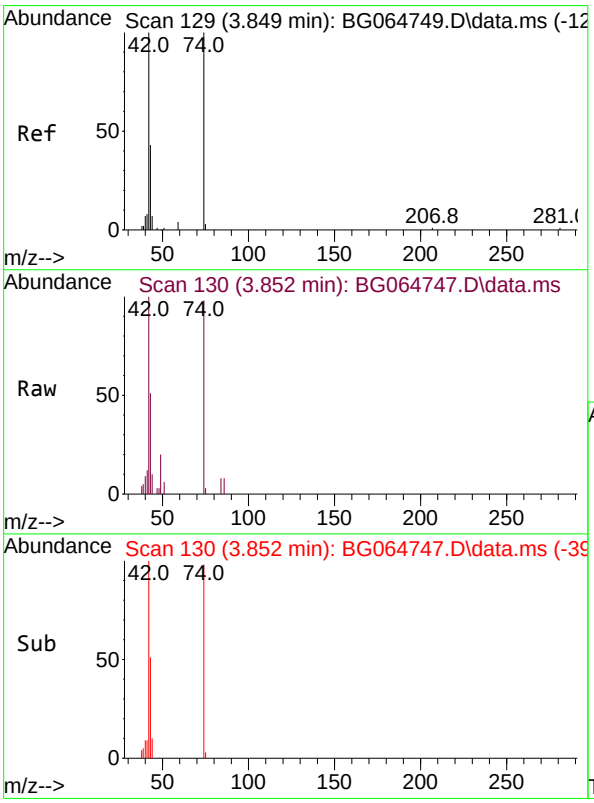
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 119.7 | 89.0 | 133.4 |
| 51 | 59.2 | 43.4 | 65.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

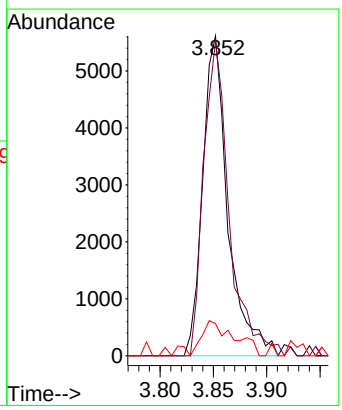


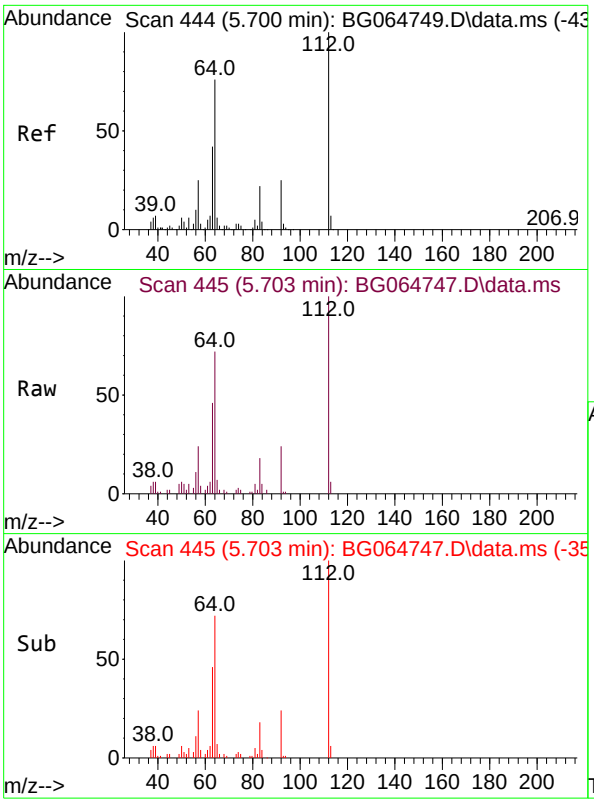




#4
n-Nitrosodimethylamine
Concen: 9.773 ng
RT: 3.852 min Scan# 130
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 42 Resp: 9221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 98.3 | 79.8 | 119.6 |
| 44 | 10.1 | 5.9 | 8.9# |






#5
2-Fluorophenol
Concen: 19.695 ng
RT: 5.703 min Scan# 44
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

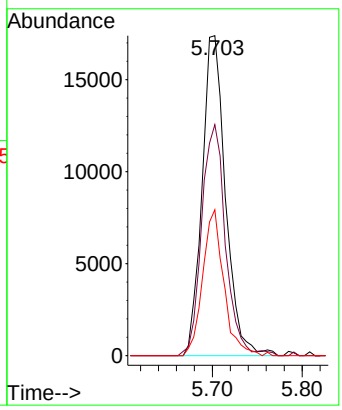
Tgt Ion:112 Resp: 3165

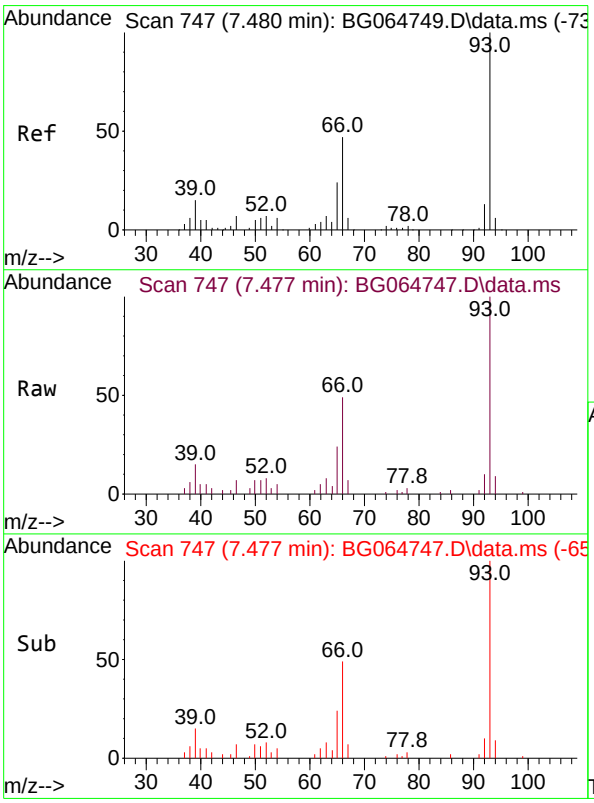
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.2 | 61.0 | 91.4 |
| 63 | 45.6 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

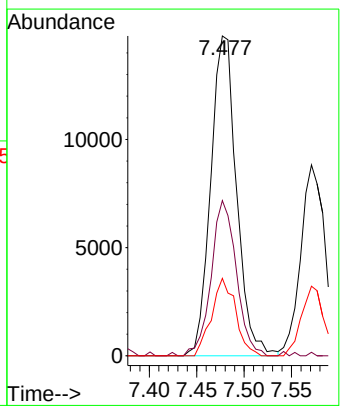


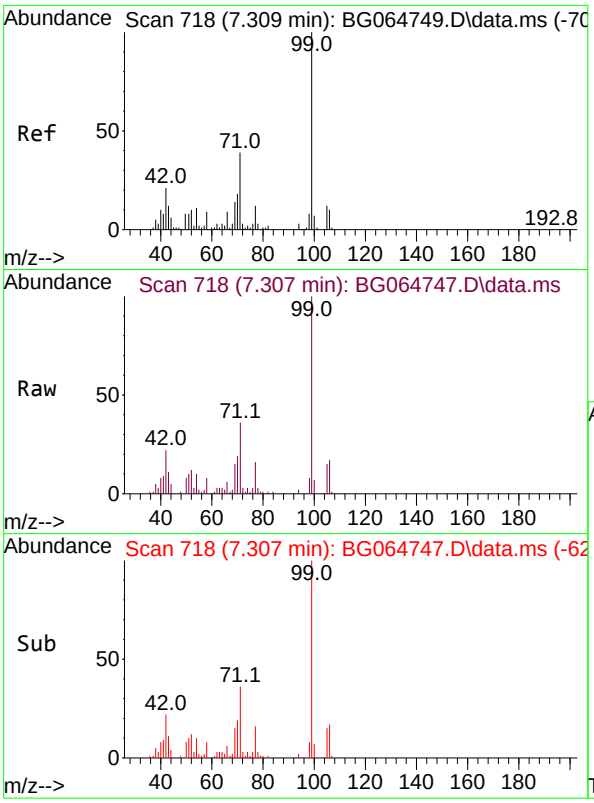




#6
Aniline
Concen: 9.856 ng
RT: 7.477 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 93 Resp: 28080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 48.5 | 37.7 | 56.5 |
| 65 | 24.2 | 19.1 | 28.7 |

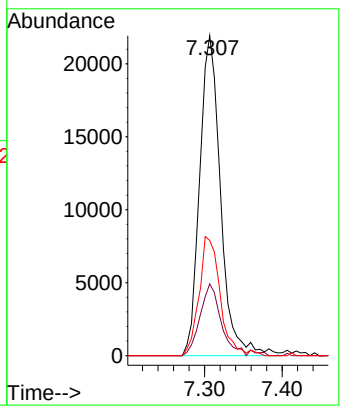





#7
Phenol-d6
Concen: 19.245 ng
RT: 7.307 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 99 Resp: 4113

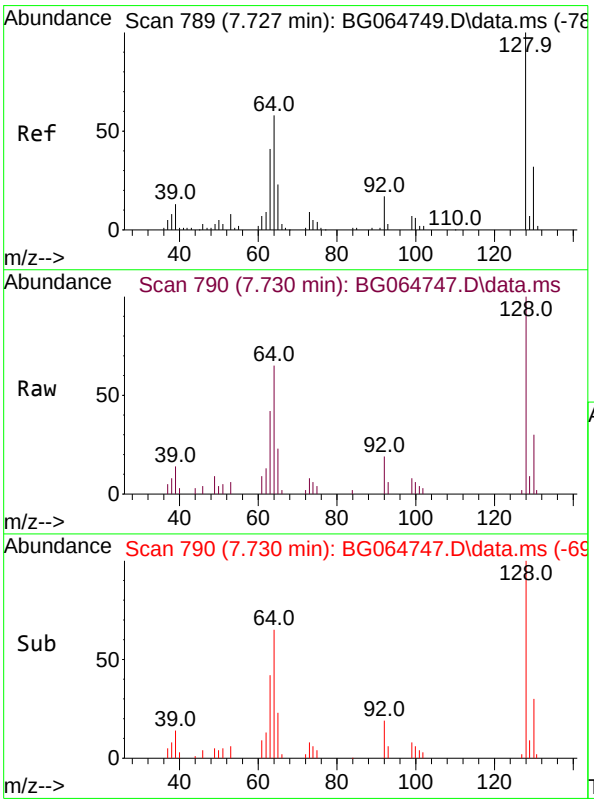
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.4 | 16.8 | 25.2 |
| 71 | 36.0 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

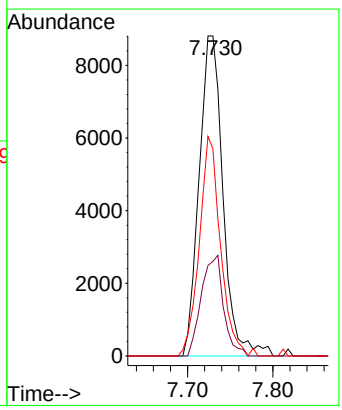
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

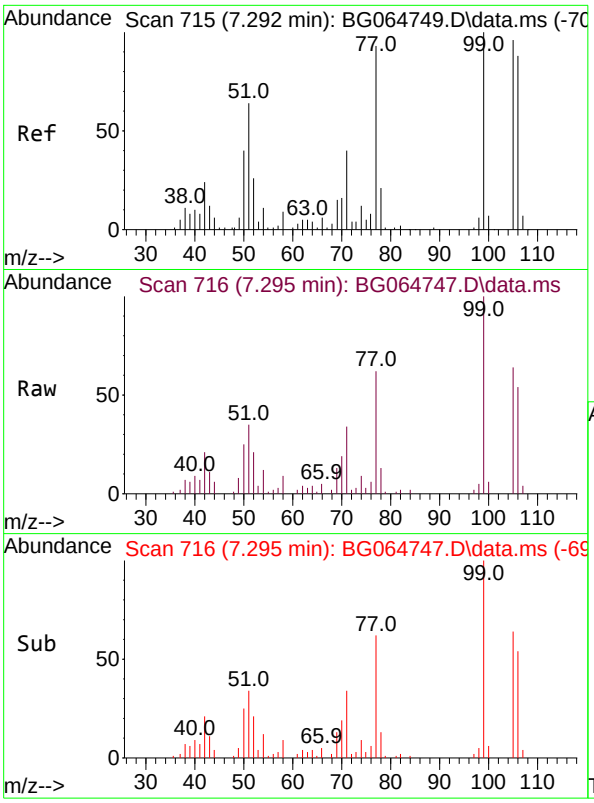



#8
2-Chlorophenol
Concen: 9.705 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:128 Resp: 17126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.3 | 11.9 | 51.9 |
| 64 | 64.7 | 38.4 | 78.4 |

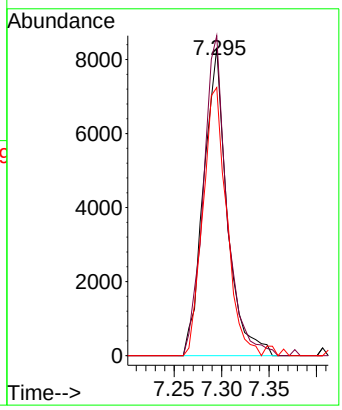





#9
Benzaldehyde
Concen: 10.299 ng
RT: 7.295 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 77 Resp: 1441

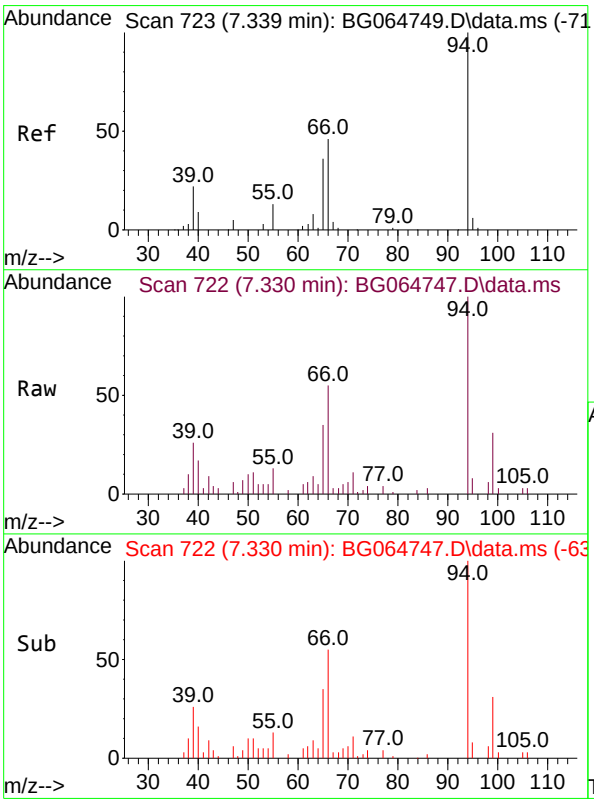
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.0 | 83.8 | 123.8 |
| 106 | 87.1 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

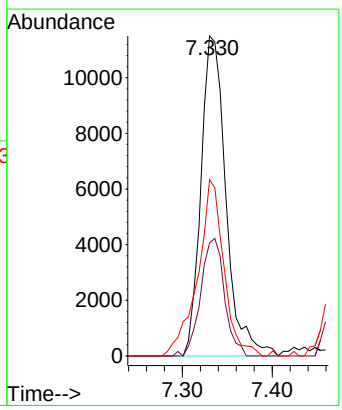
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

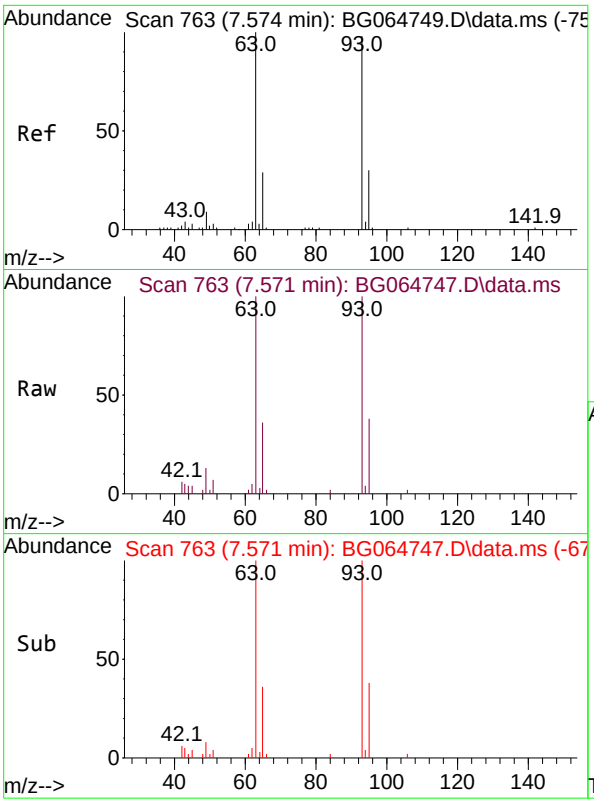



#10
Phenol
Concen: 9.557 ng
RT: 7.330 min Scan# 722
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 94 Resp: 22227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.3 | 17.0 | 57.0 |
| 66 | 55.1 | 29.8 | 69.8 |

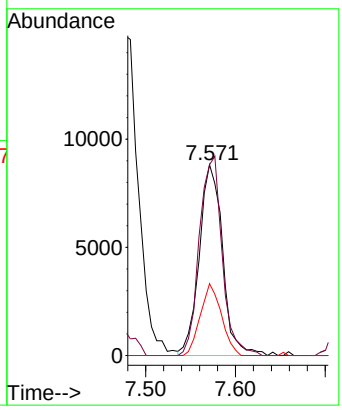





#11
bis(2-Chloroethyl)ether
Concen: 9.674 ng
RT: 7.571 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 93 Resp: 1600

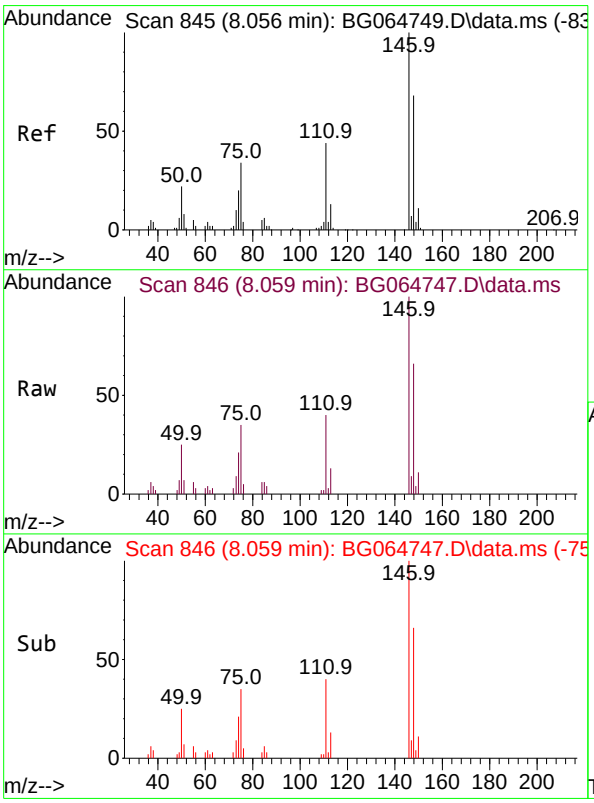
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 100.0 | 81.8 | 121.8 |
| 95 | 37.7 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

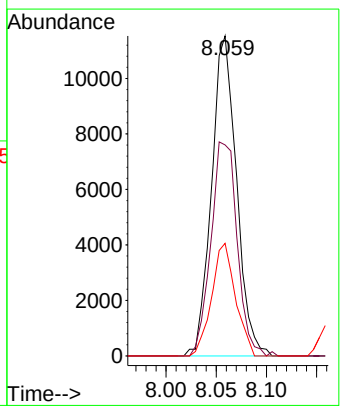
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

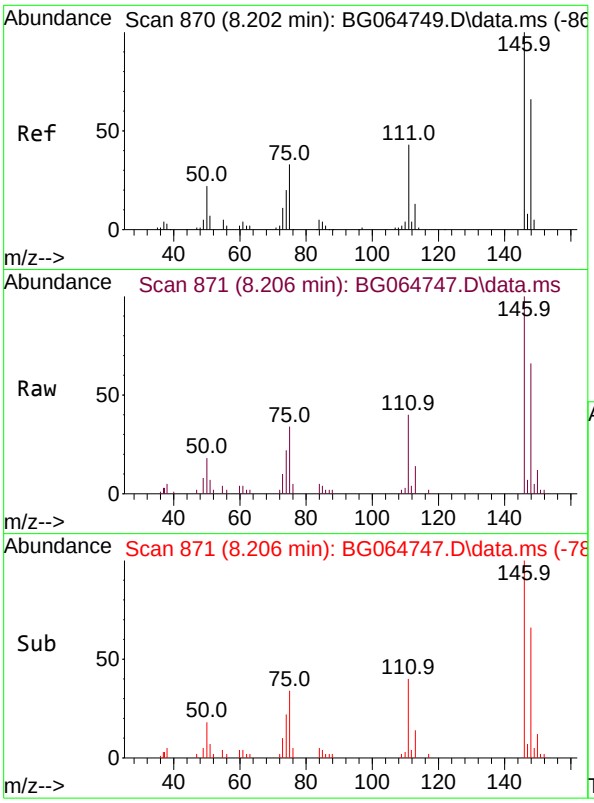



#12
1,3-Dichlorobenzene
Concen: 9.834 ng
RT: 8.059 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:146 Resp: 19968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.9 | 54.6 | 82.0 |
| 75 | 35.2 | 27.6 | 41.4 |

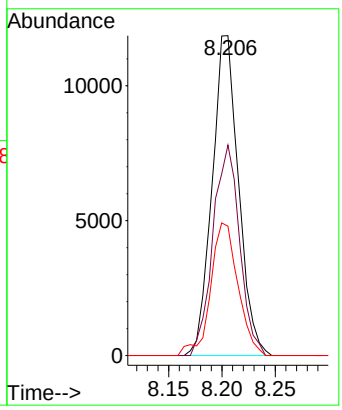





#13
1,4-Dichlorobenzene
Concen: 9.918 ng
RT: 8.206 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:146 Resp: 2050

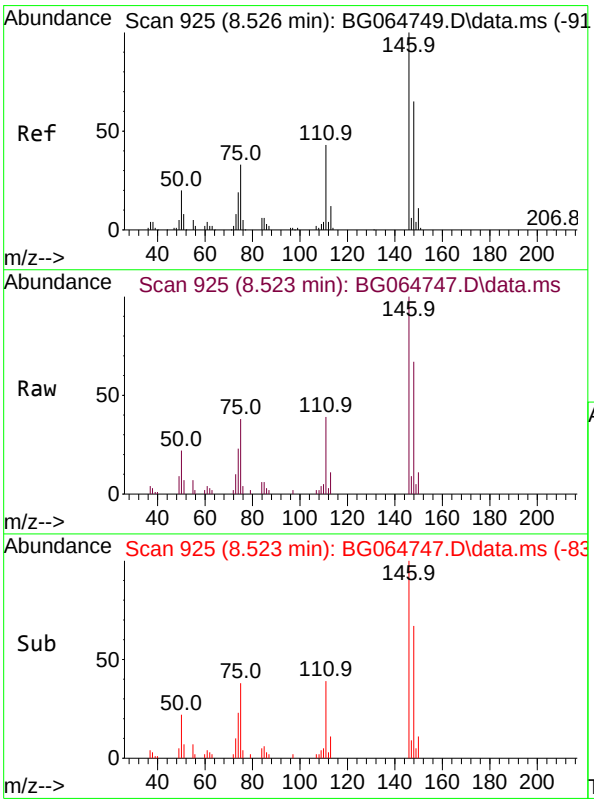
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.8 | 53.1 | 79.7 |
| 111 | 40.4 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

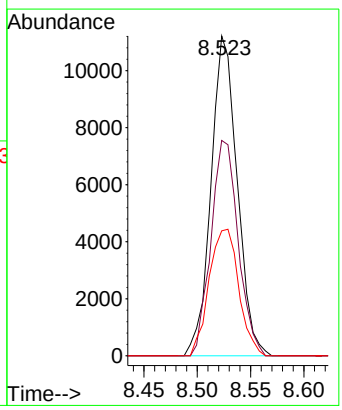
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

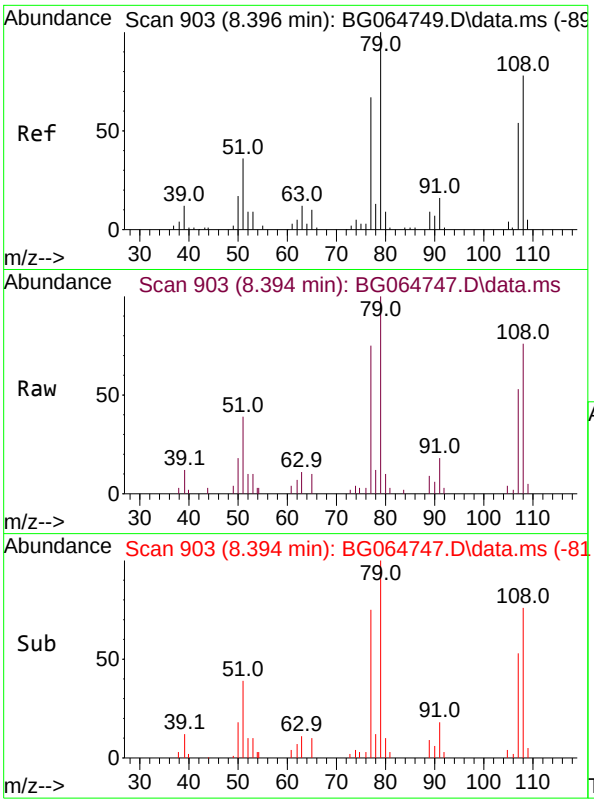



#14
1,2-Dichlorobenzene
Concen: 9.596 ng
RT: 8.523 min Scan# 925
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:146 Resp: 19237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.3 | 52.0 | 78.0 |
| 111 | 39.1 | 34.7 | 52.1 |






#15
Benzyl Alcohol
Concen: 8.438 ng
RT: 8.394 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

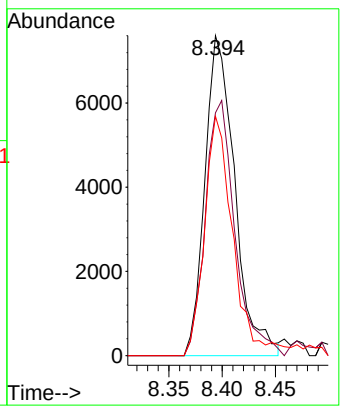
Tgt Ion: 79 Resp: 1480

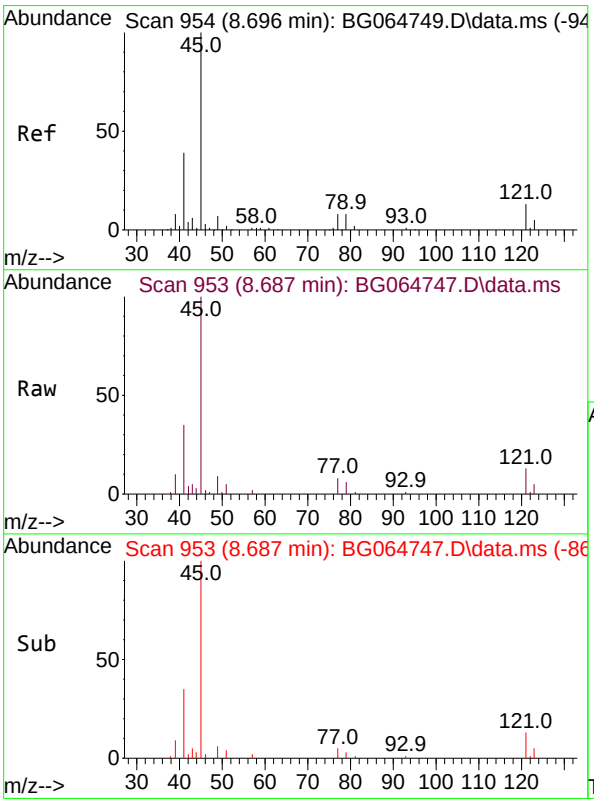
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.9 | 62.3 | 93.5 |
| 77 | 74.8 | 53.5 | 80.3 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

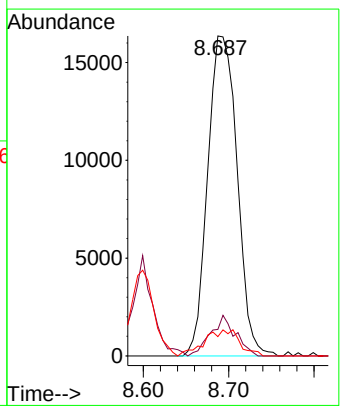


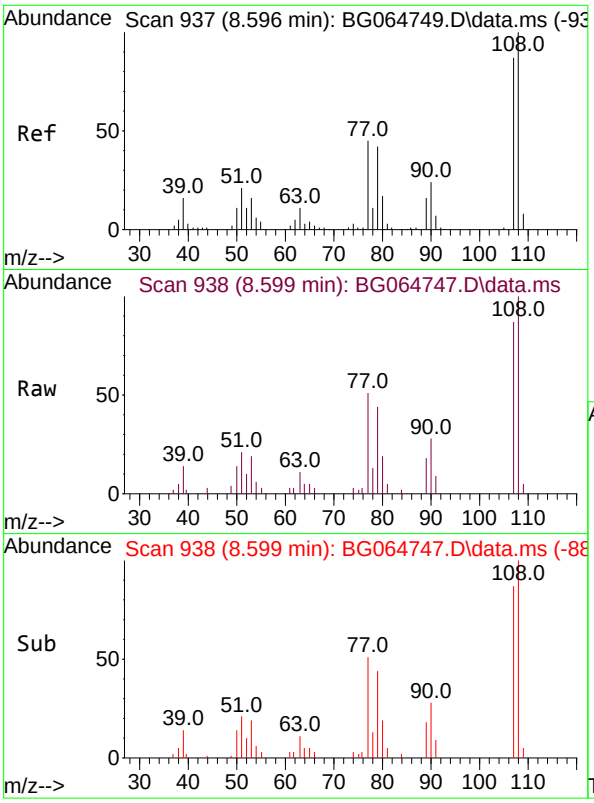




#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.014 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 45 Resp: 39228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 8.3 | 0.0 | 28.8 |
| 79 | 6.0 | 0.0 | 28.1 |

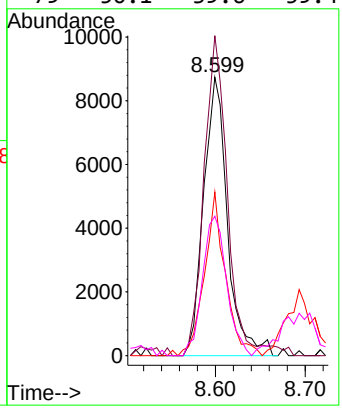





#17
2-Methylphenol
Concen: 9.795 ng
RT: 8.599 min Scan# 9
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:107 Resp: 1611

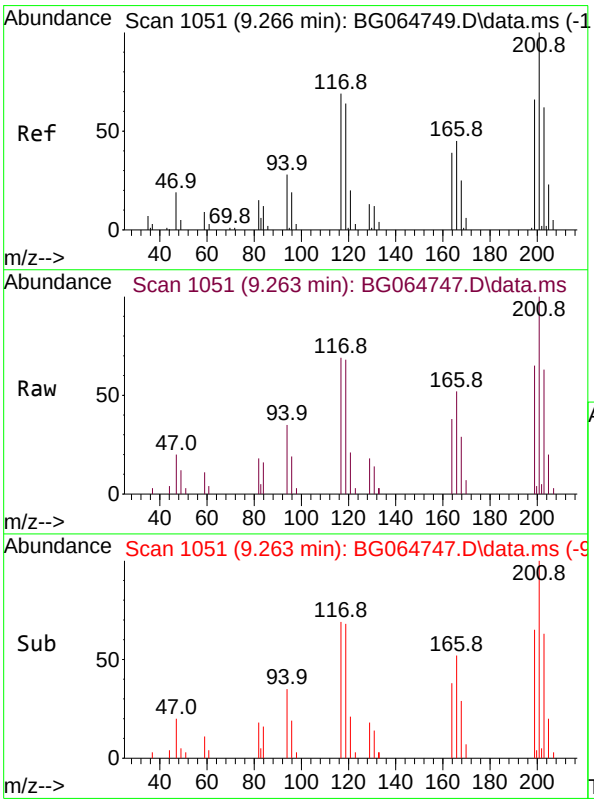
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.0 | 92.6 | 138.8 |
| 77 | 58.7 | 41.2 | 61.8 |
| 79 | 50.1 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

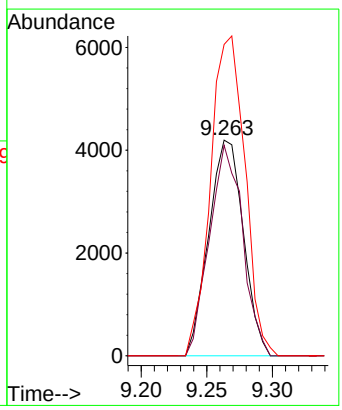
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

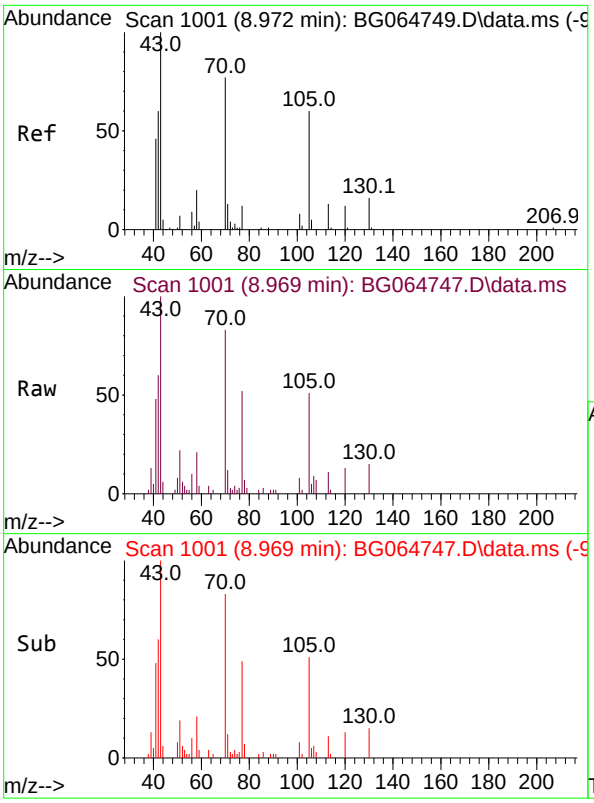



#18
Hexachloroethane
Concen: 9.843 ng
RT: 9.263 min Scan# 1051
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:117 Resp: 7708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.6 | 74.4 | 111.6 |
| 201 | 144.4 | 116.5 | 174.7 |

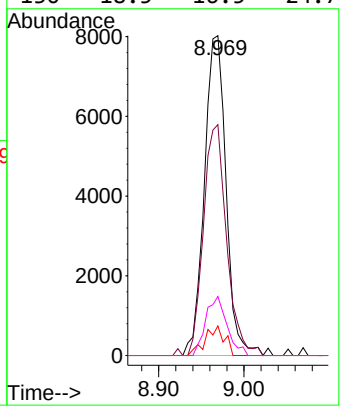





#19
n-Nitroso-di-n-propylamine
Concen: 9.853 ng
RT: 8.969 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 70 Resp: 1424

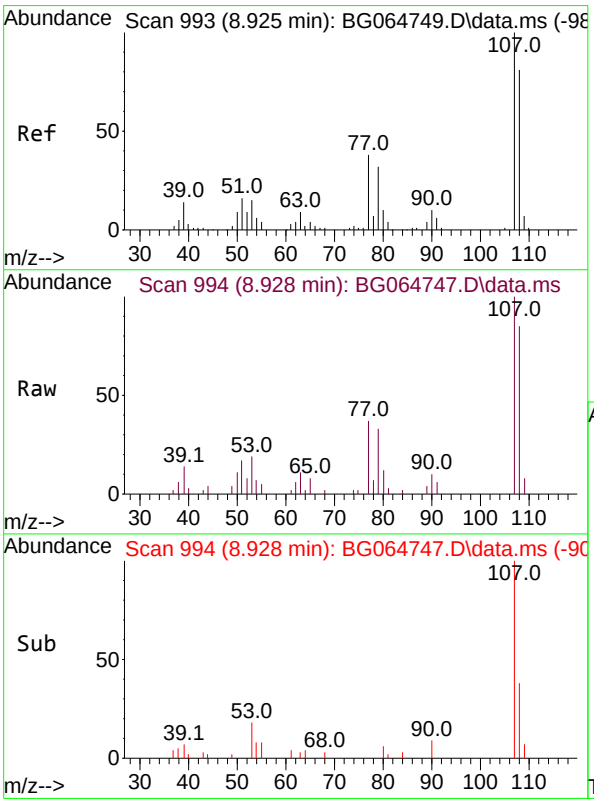
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 72.2 | 62.6 | 93.8 |
| 101 | 9.3 | 8.0 | 12.0 |
| 130 | 18.5 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

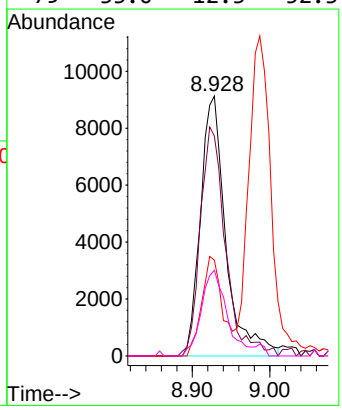
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

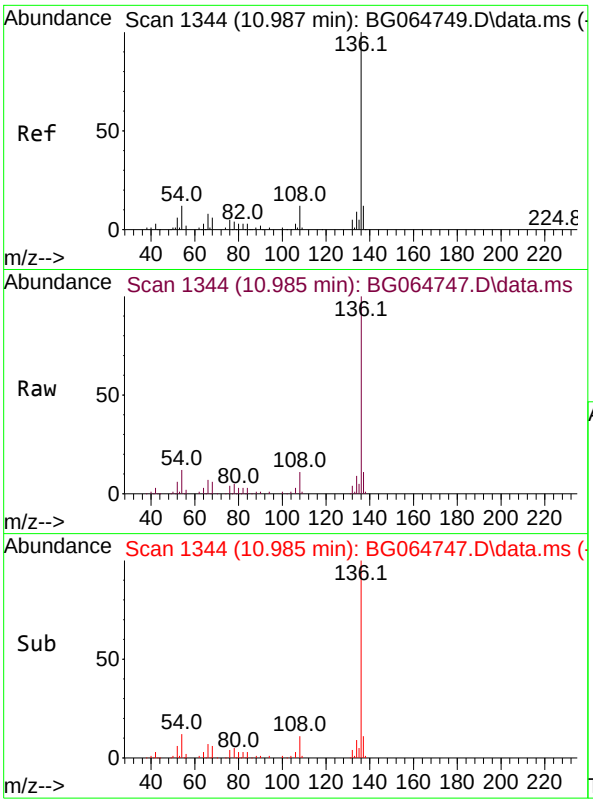



#20
3+4-Methylphenols
Concen: 9.215 ng
RT: 8.928 min Scan# 994
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:107 Resp: 20773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 84.7 | 61.0 | 101.0 |
| 77 | 36.8 | 17.6 | 57.6 |
| 79 | 33.0 | 12.3 | 52.3 |

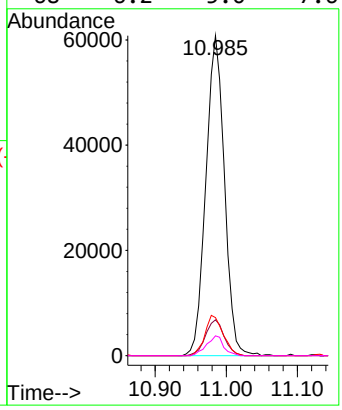





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:136 Resp: 11013

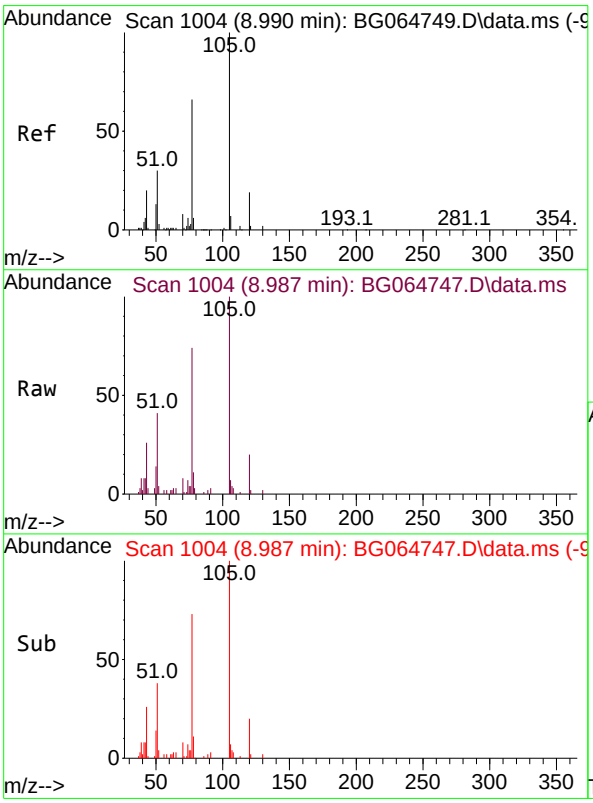
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.3 | 13.9 |
| 54 | 11.9 | 9.3 | 13.9 |
| 68 | 6.2 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

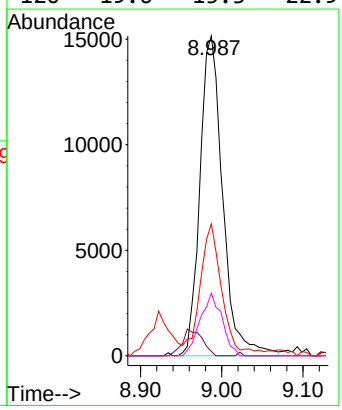
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

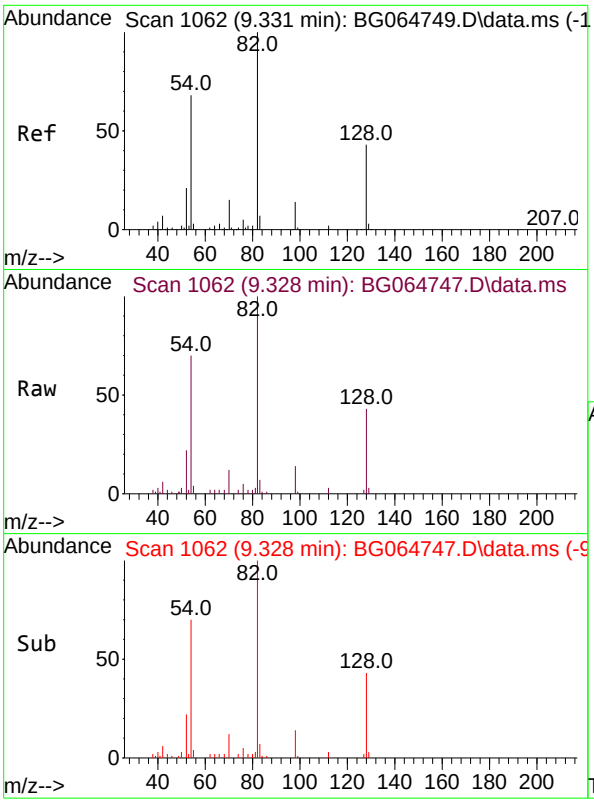



#22
Acetophenone
Concen: 9.843 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:105 Resp: 29535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.4 | 1.3 | 1.9 |
| 51 | 41.3 | 27.9 | 41.9 |
| 120 | 19.6 | 15.3 | 22.9 |

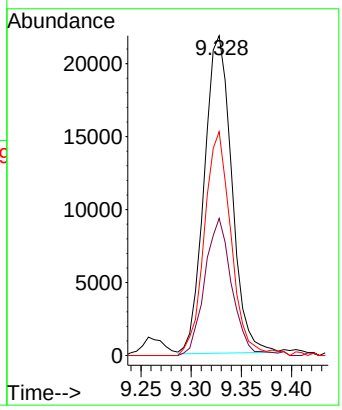





#23
Nitrobenzene-d5
Concen: 18.666 ng
RT: 9.328 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 82 Resp: 4157

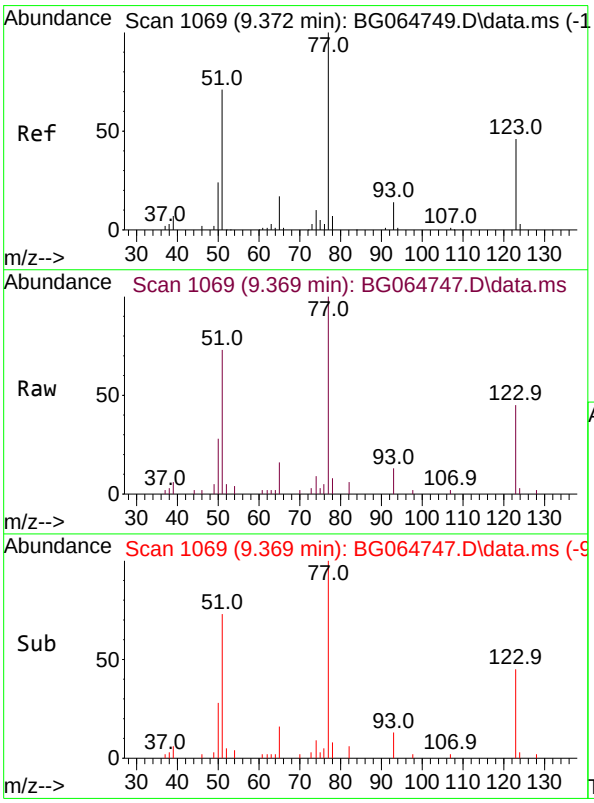
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 34.1 | 51.1 |
| 54 | 70.0 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

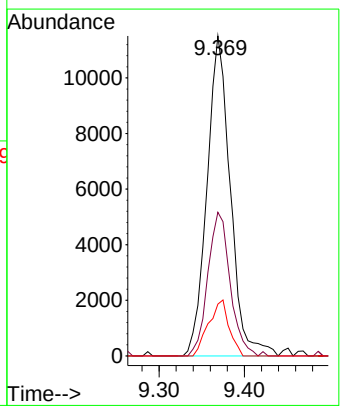
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

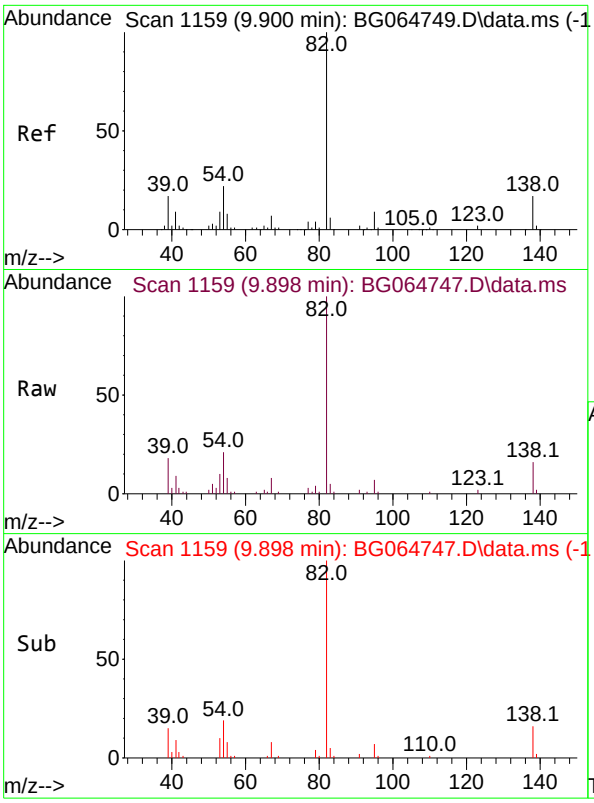



#24
Nitrobenzene
Concen: 9.730 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 77 Resp: 21900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.9 | 36.5 | 54.7 |
| 65 | 16.2 | 13.5 | 20.3 |

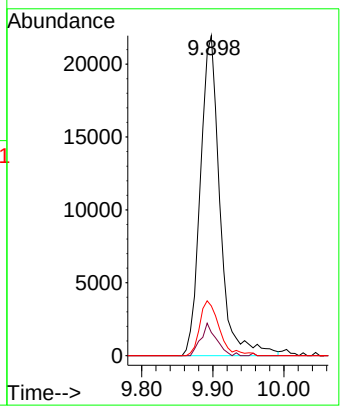





#25
Isophorone
Concen: 9.872 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 82 Resp: 4187

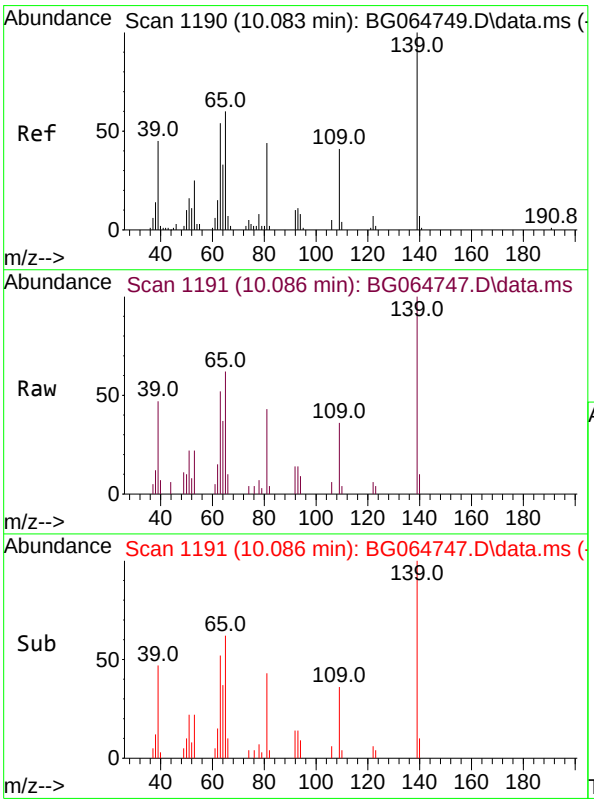
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 6.9 | 10.3 |
| 138 | 15.5 | 13.9 | 20.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

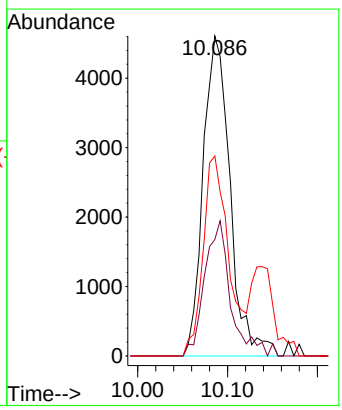
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

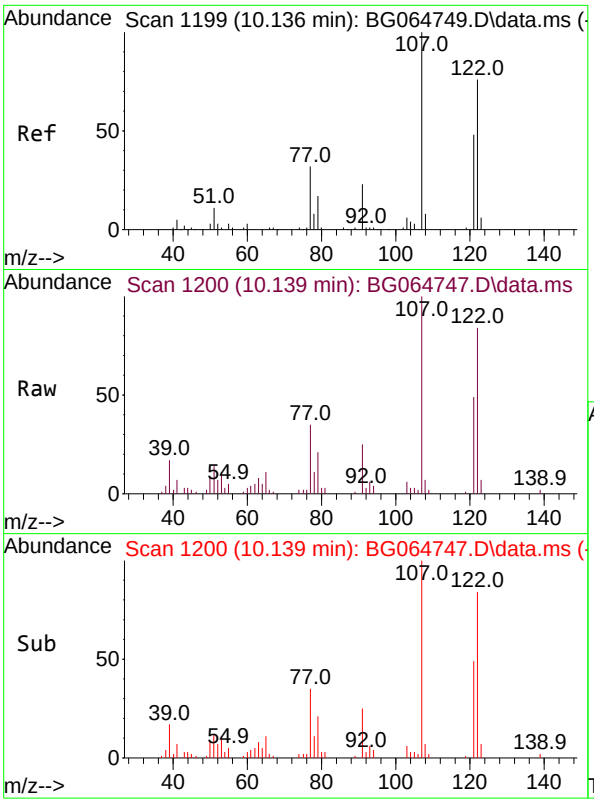



#26
2-Nitrophenol
Concen: 9.523 ng
RT: 10.086 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:139 Resp: 9640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 36.4 | 32.5 | 48.7 |
| 65 | 62.5 | 47.6 | 71.4 |

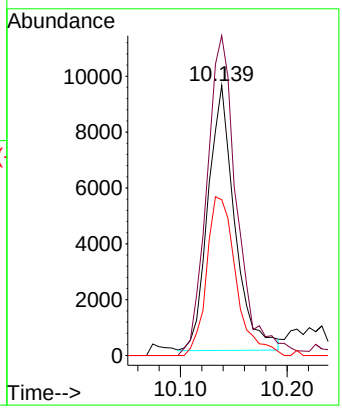





#27
2,4-Dimethylphenol
Concen: 9.228 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:122 Resp: 1659

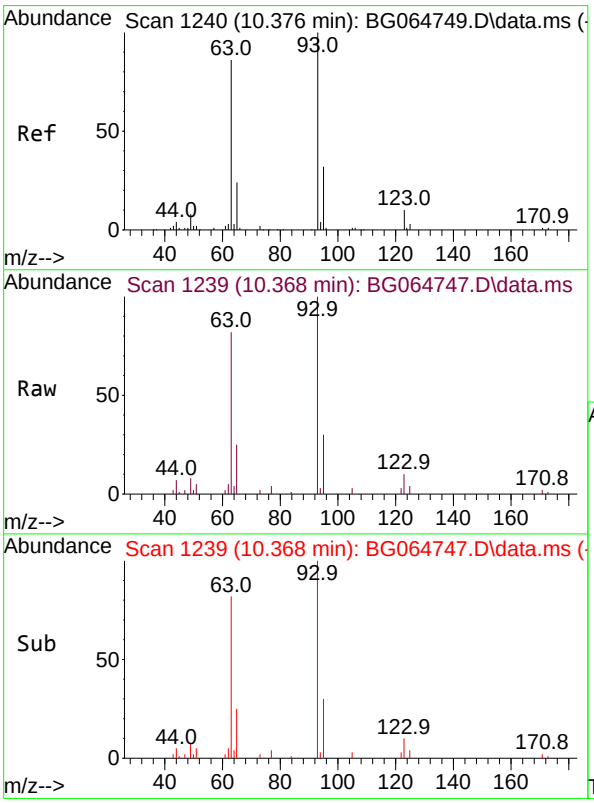
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.4 | 102.5 | 153.7 |
| 121 | 57.7 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
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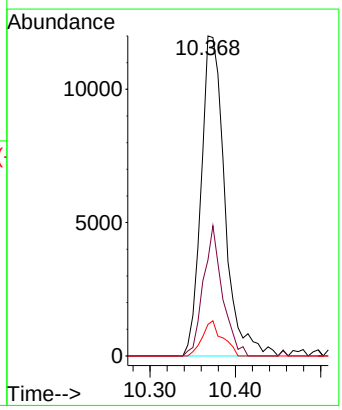
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

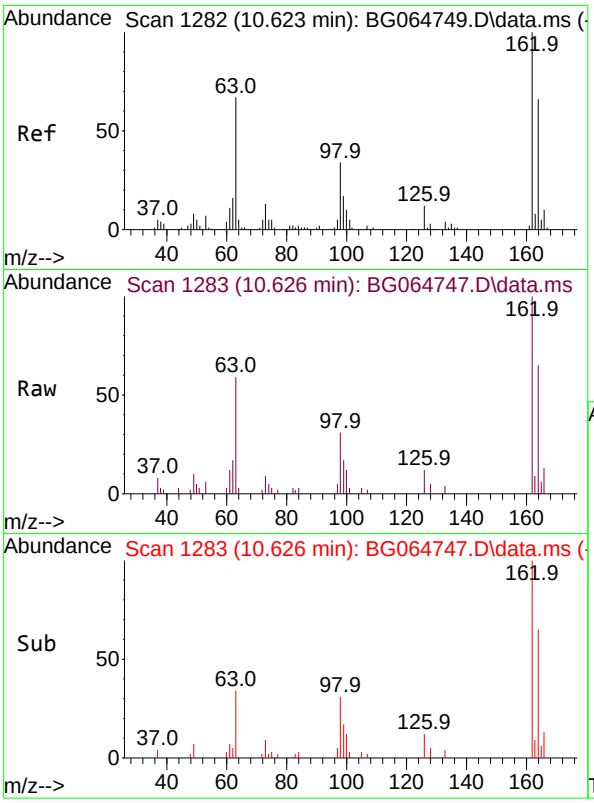



#28
bis(2-Chloroethoxy)methane
Concen: 9.907 ng
RT: 10.368 min Scan# 1239
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 93 Resp: 23070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 30.0 | 25.4 | 38.2 |
| 123 | 9.8 | 8.1 | 12.1 |

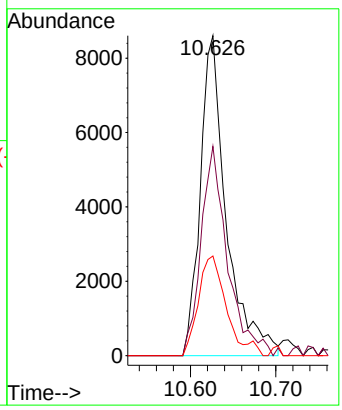





#29
2,4-Dichlorophenol
Concen: 9.440 ng
RT: 10.626 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:162 Resp: 1822

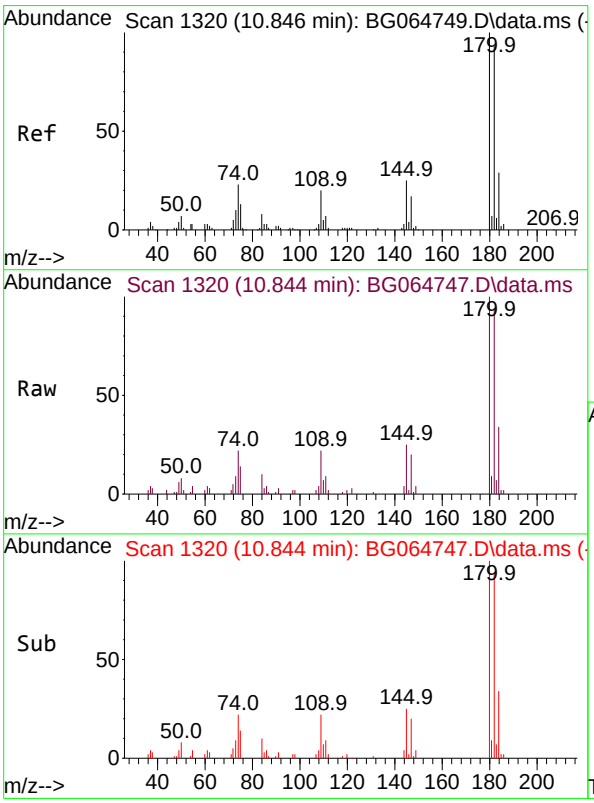
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.4 | 46.0 | 86.0 |
| 98 | 31.1 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

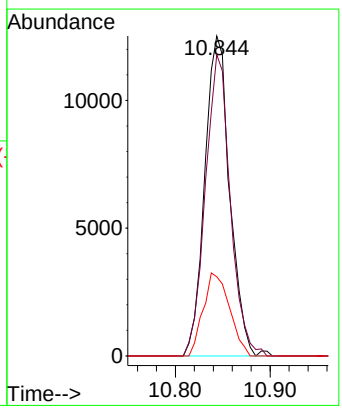
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

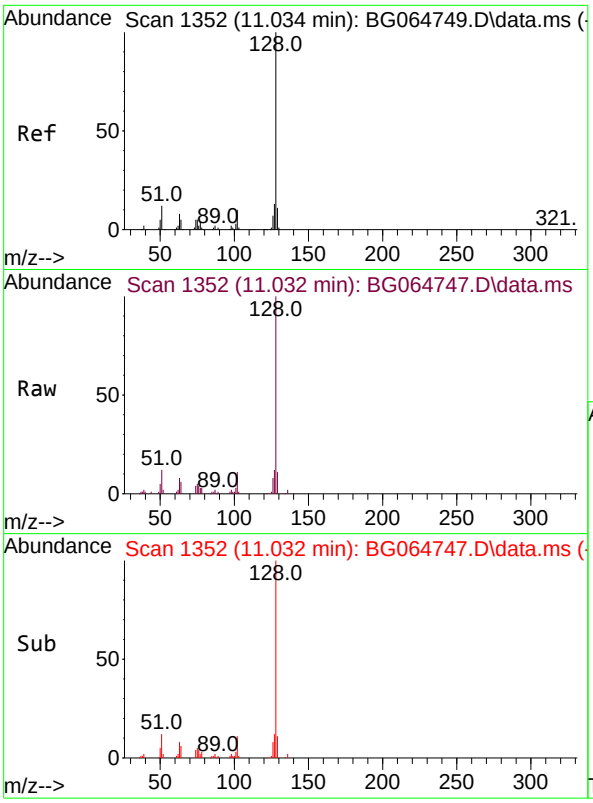



#30
1,2,4-Trichlorobenzene
Concen: 9.844 ng
RT: 10.844 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:180 Resp: 22952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 74.2 | 111.4 |
| 145 | 24.7 | 20.0 | 30.0 |

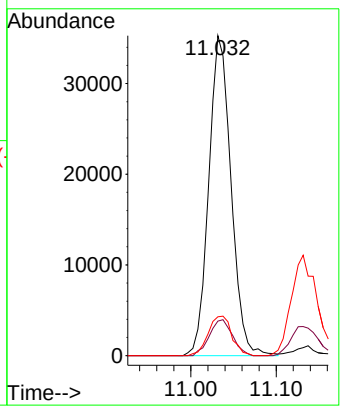





#31
Naphthalene
Concen: 10.254 ng
RT: 11.032 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:128 Resp: 6401

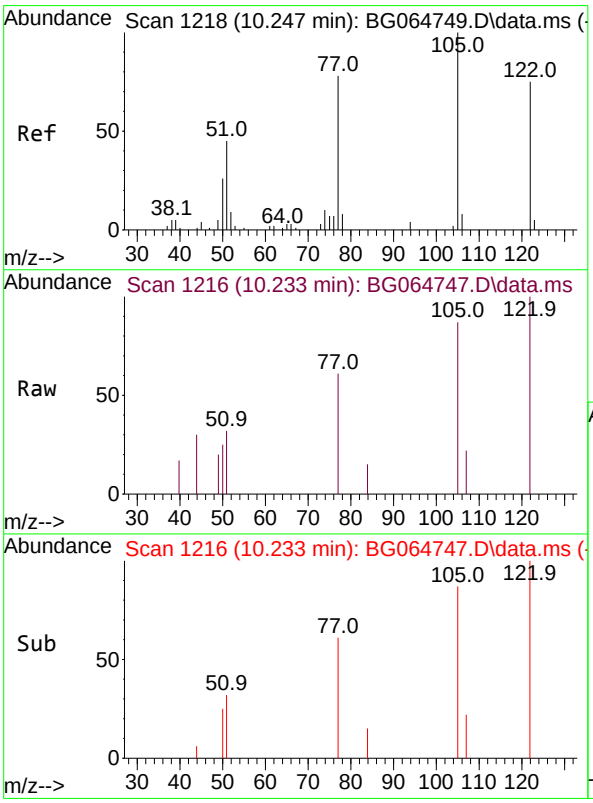
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.6 | 12.8 |
| 127 | 12.1 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

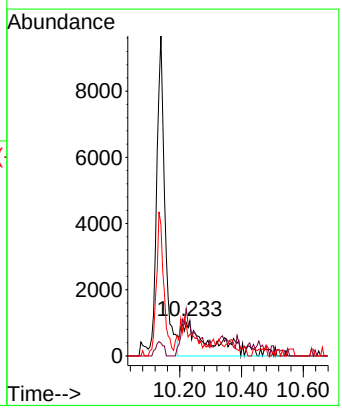
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

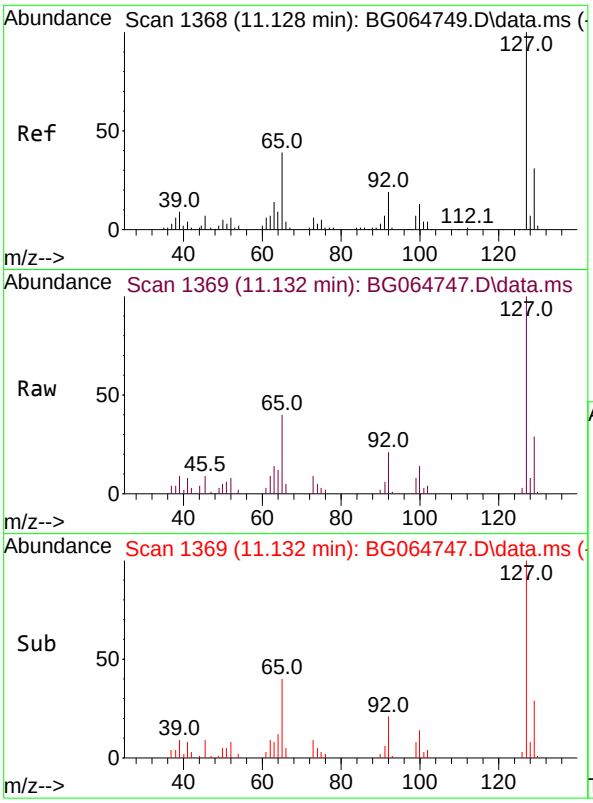



#32
Benzoic acid
Concen: 10.914 ng m
RT: 10.233 min Scan# 1216
Delta R.T. -0.014 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:122 Resp: 7448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 87.4 | 107.6 | 147.6# |
| 77 | 61.3 | 82.5 | 122.5# |

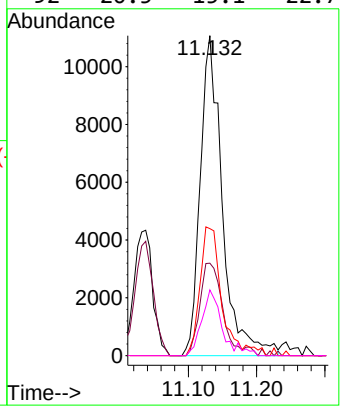





#33
4-Chloroaniline
Concen: 9.967 ng
RT: 11.132 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:127 Resp: 2489

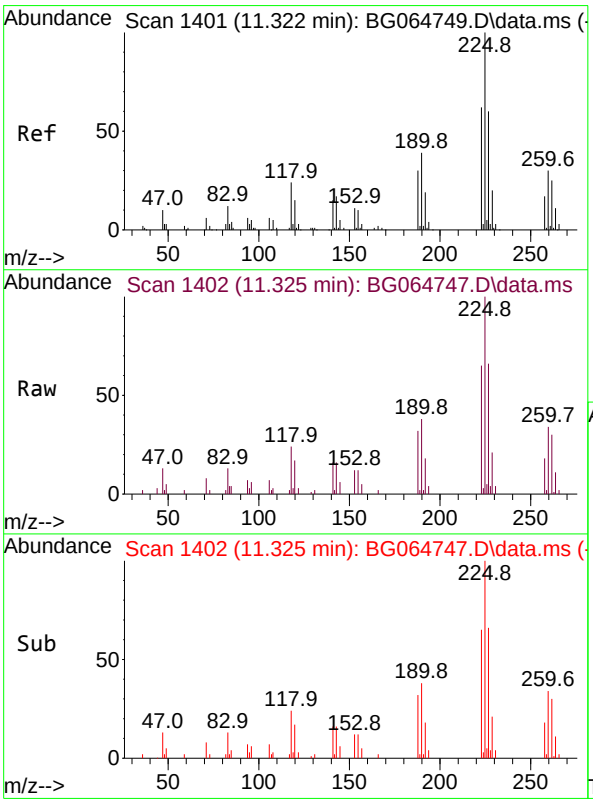
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 28.9 | 24.9 | 37.3 |
| 65 | 39.7 | 30.9 | 46.3 |
| 92 | 20.5 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

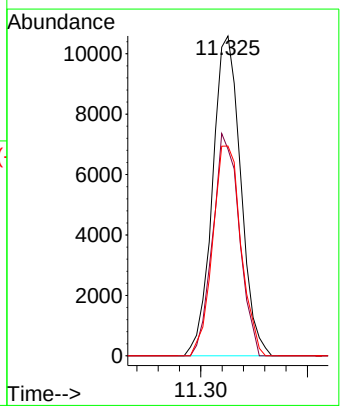
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

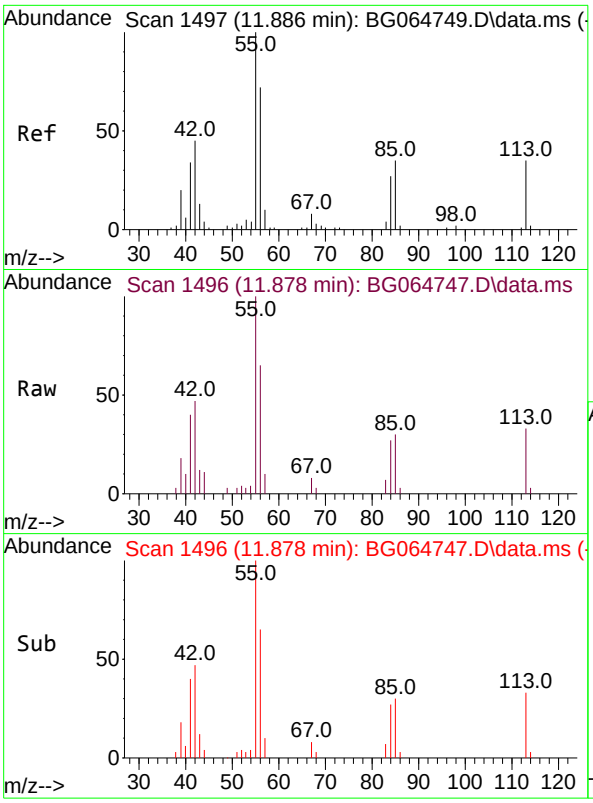



#34
Hexachlorobutadiene
Concen: 9.713 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:225 Resp: 19432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.6 | 49.9 | 74.9 |
| 227 | 65.6 | 50.6 | 75.8 |






#35
Caprolactam
Concen: 8.592 ng
RT: 11.878 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

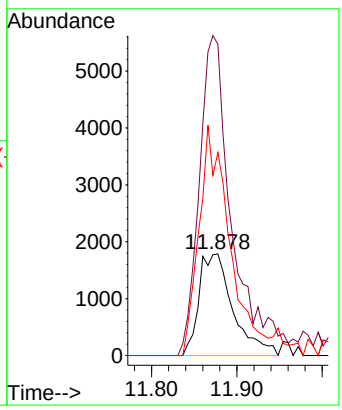
Tgt Ion:113 Resp: 495

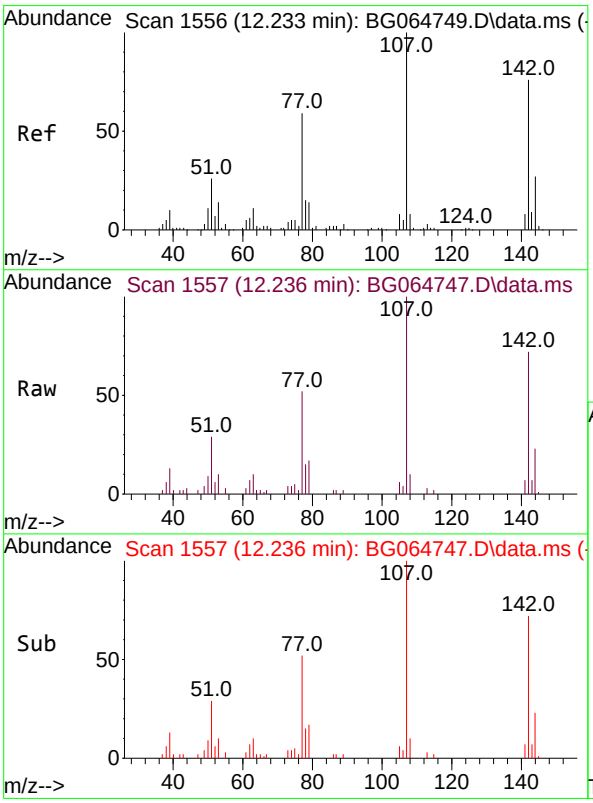
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 306.3 | 263.7 | 303.7# |
| 56 | 199.7 | 184.0 | 224.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

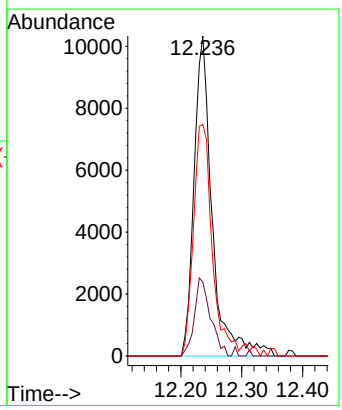


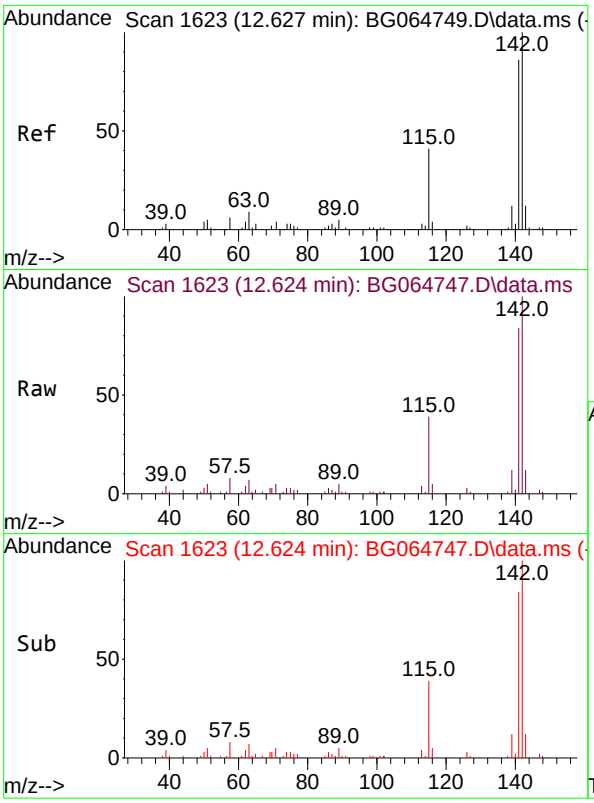




#36
4-Chloro-3-methylphenol
Concen: 9.942 ng
RT: 12.236 min Scan# 1557
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:107 Resp: 21366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.0 | 21.7 | 32.5 |
| 142 | 72.3 | 60.8 | 91.2 |

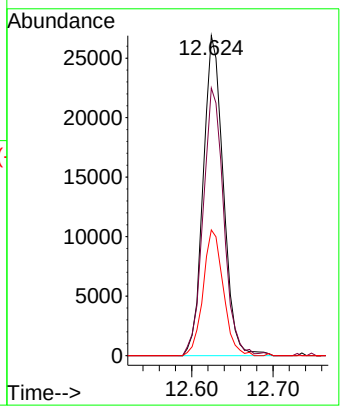





#37
2-Methylnaphthalene
Concen: 9.921 ng
RT: 12.624 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:142 Resp: 4634

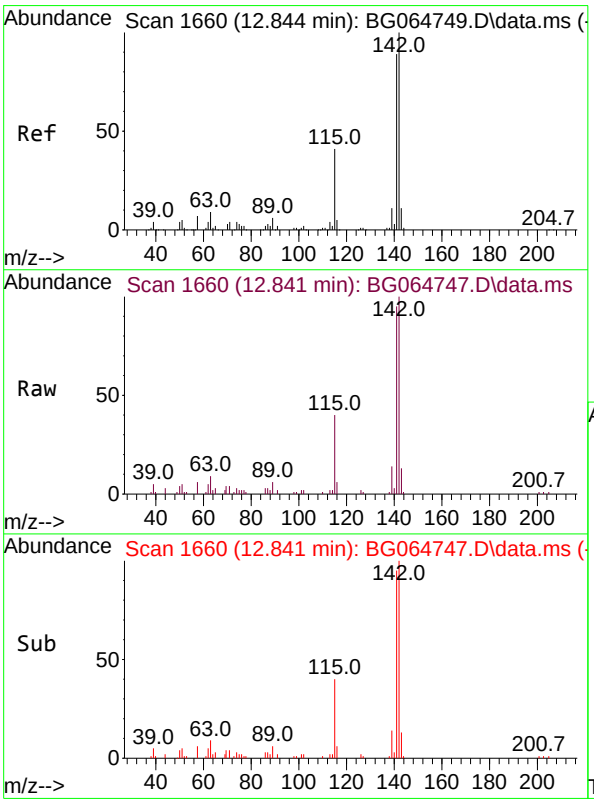
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.6 | 69.1 | 103.7 |
| 115 | 39.3 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

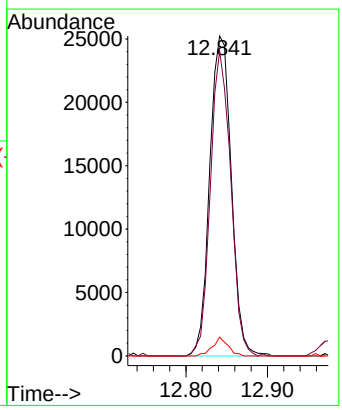
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

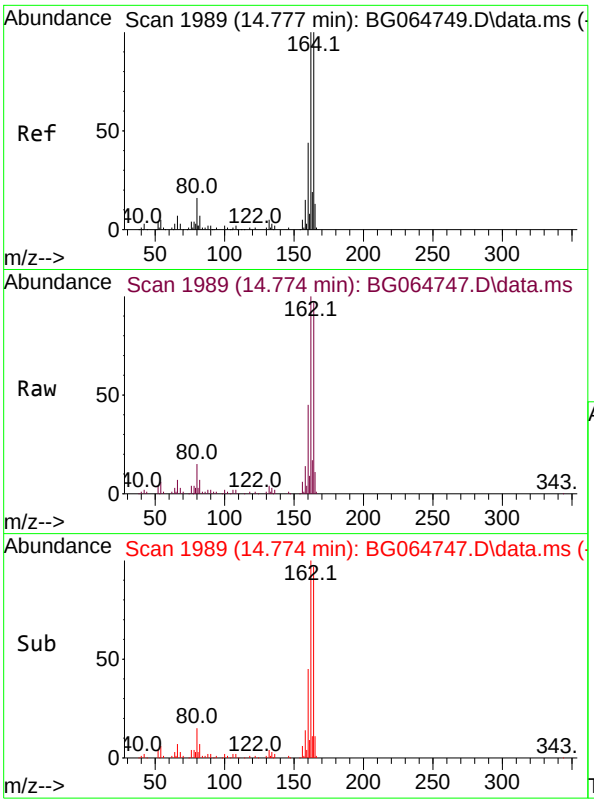



#38
1-Methylnaphthalene
Concen: 9.982 ng m
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:142 Resp: 46327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 95.3 | 70.8 | 106.2 |
| 116 | 5.9 | 3.7 | 5.5# |

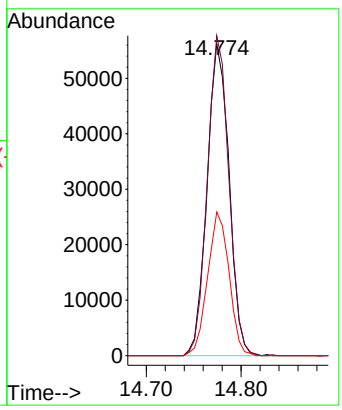





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:164 Resp: 9079

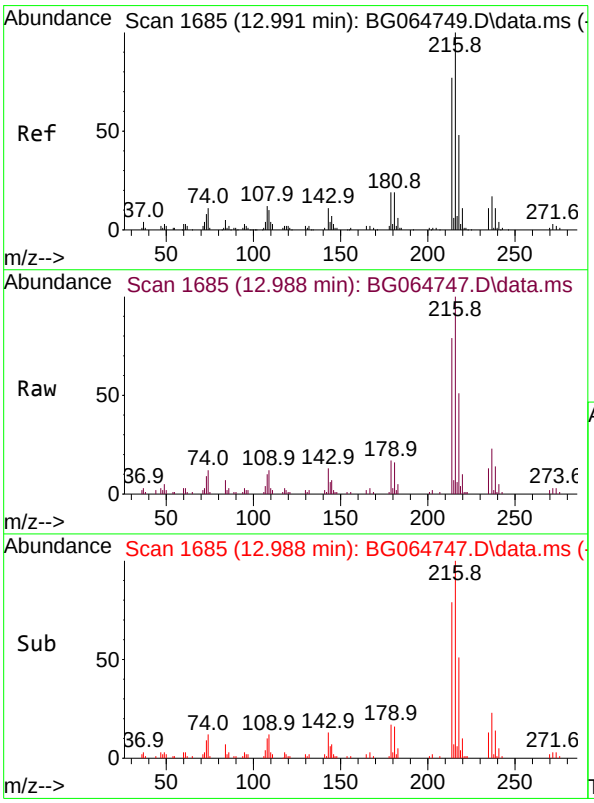
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 79.8 | 119.6 |
| 160 | 46.1 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

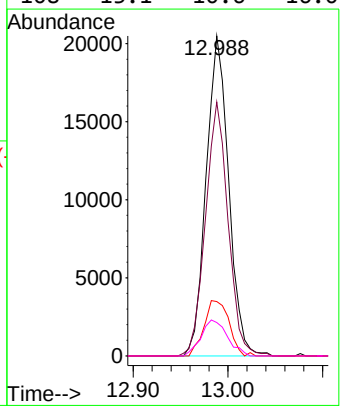
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

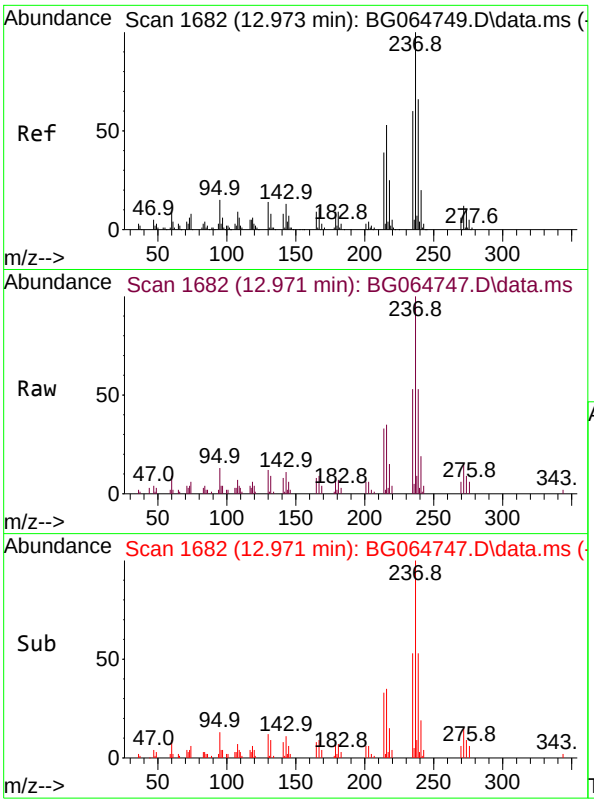



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.582 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:216 Resp: 33859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.6 | 60.5 | 90.7 |
| 179 | 19.2 | 14.7 | 22.1 |
| 108 | 13.1 | 10.6 | 16.0 |






#41
Hexachlorocyclopentadiene
Concen: 8.565 ng
RT: 12.971 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

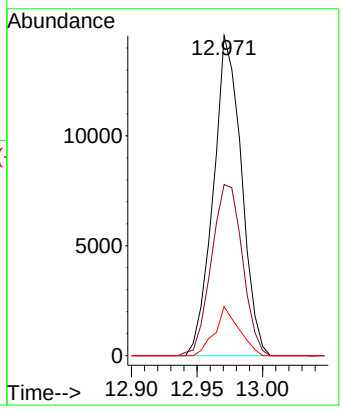
Tgt Ion:237 Resp: 2169

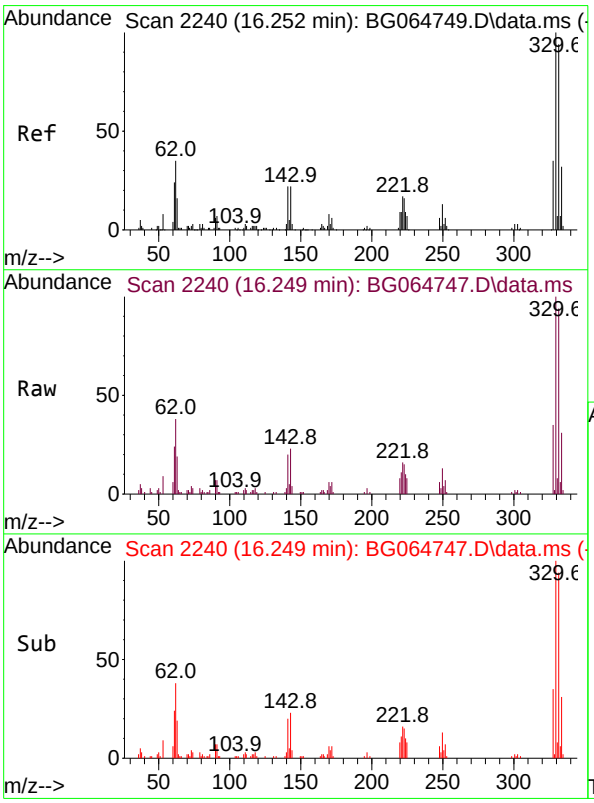
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 53.5 | 40.2 | 80.2 |
| 272 | 15.3 | 0.0 | 31.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

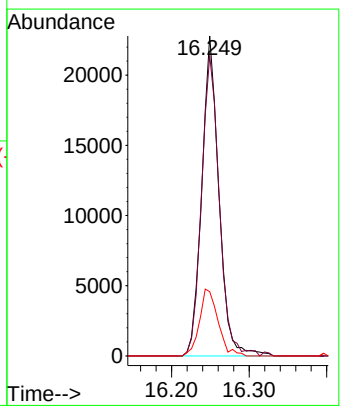


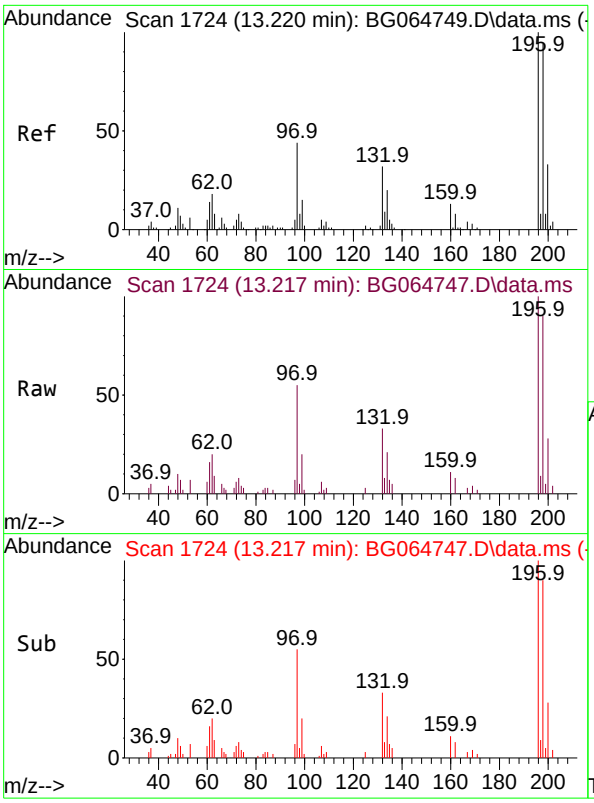




#42
2,4,6-Tribromophenol
Concen: 19.694 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:330 Resp: 34875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.5 | 77.0 | 115.6 |
| 141 | 22.6 | 18.2 | 27.2 |

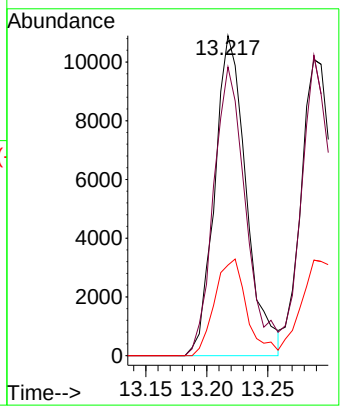





#43
2,4,6-Trichlorophenol
Concen: 9.451 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:196 Resp: 1960

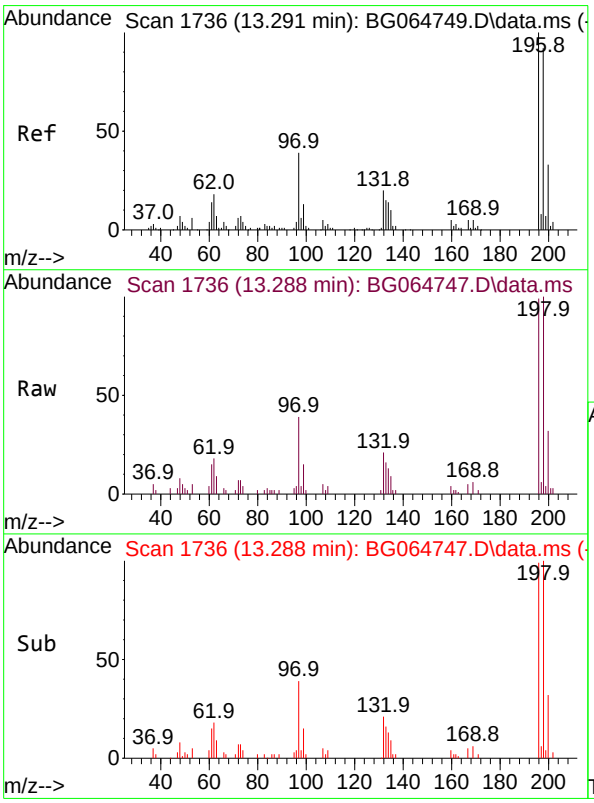
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 90.2 | 75.3 | 112.9 |
| 200 | 28.3 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

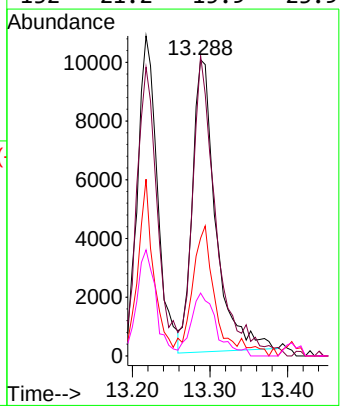
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

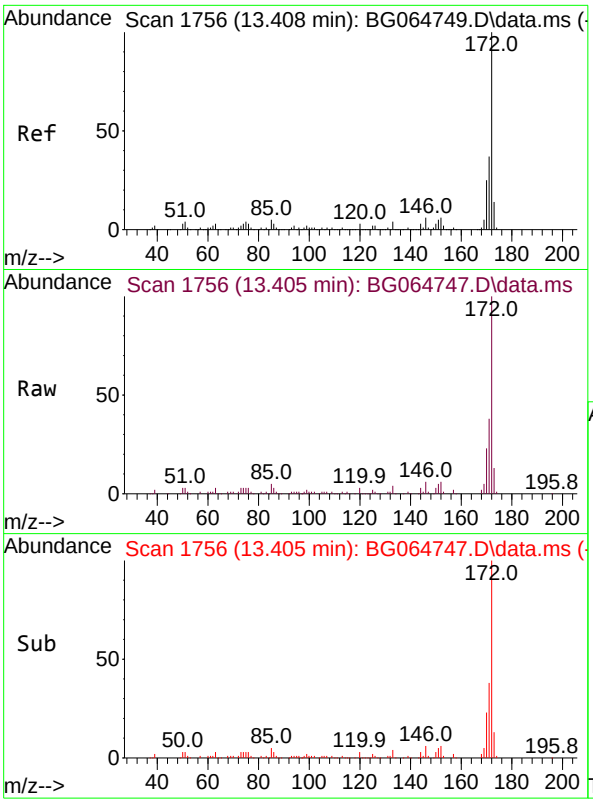



#44
2,4,5-Trichlorophenol
Concen: 8.972 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:196 Resp: 20868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.4 | 73.2 | 109.8 |
| 97 | 39.7 | 31.4 | 47.0 |
| 132 | 21.2 | 15.9 | 23.9 |

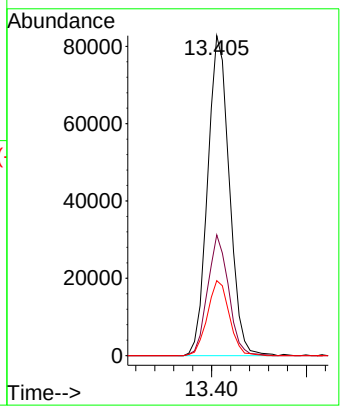





#45
2-Fluorobiphenyl
Concen: 20.167 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:172 Resp: 13122

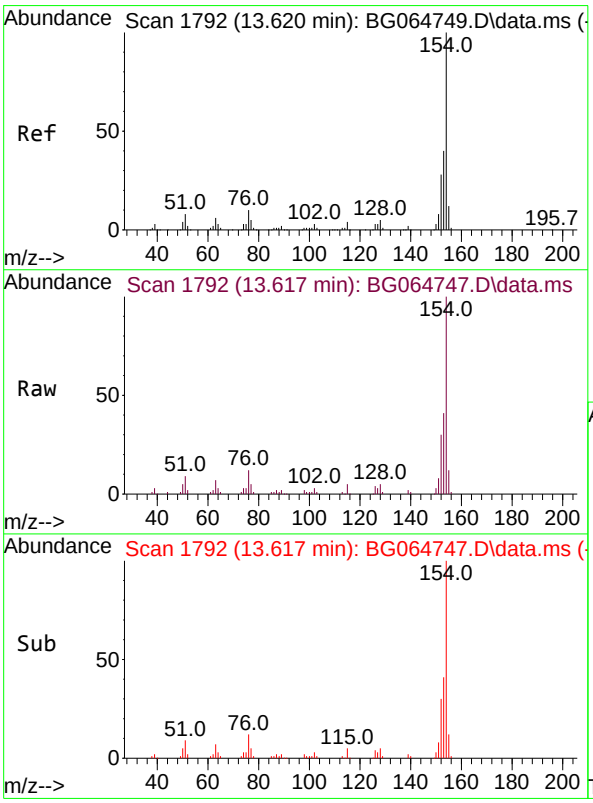
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.8 | 29.9 | 44.9 |
| 170 | 23.4 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

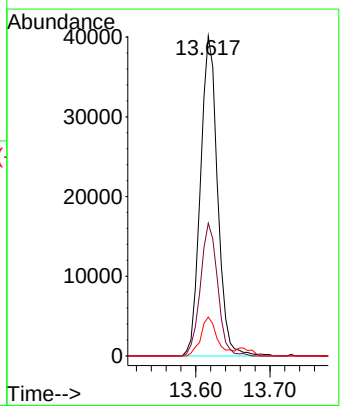
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

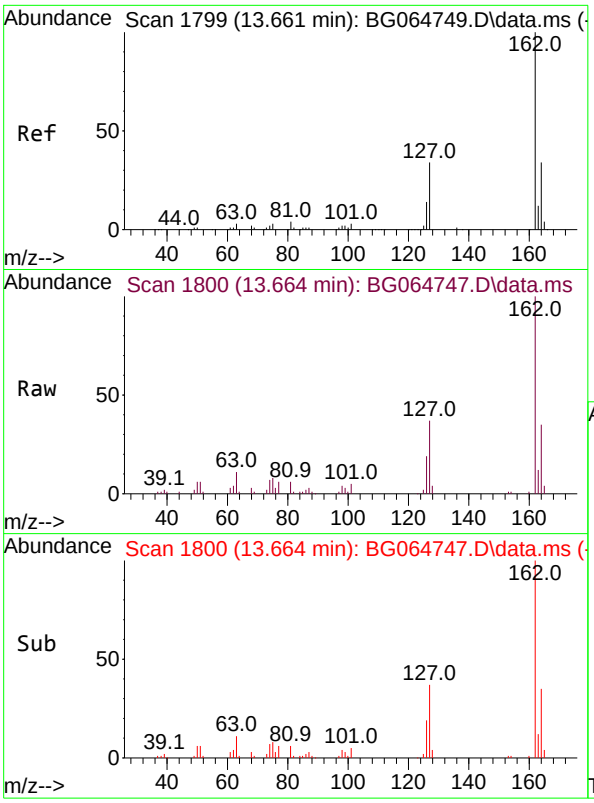



#46
1,1'-Biphenyl
Concen: 9.864 ng
RT: 13.617 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:154 Resp: 64329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.5 | 19.8 | 59.8 |
| 76 | 12.1 | 0.0 | 30.0 |

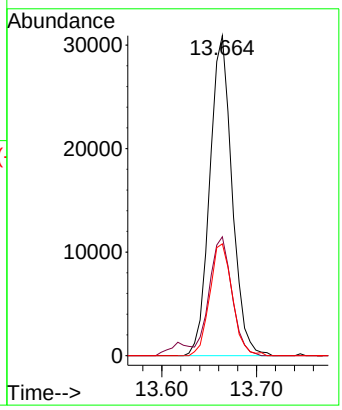





#47
2-Chloronaphthalene
Concen: 9.827 ng
RT: 13.664 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:162 Resp: 5048

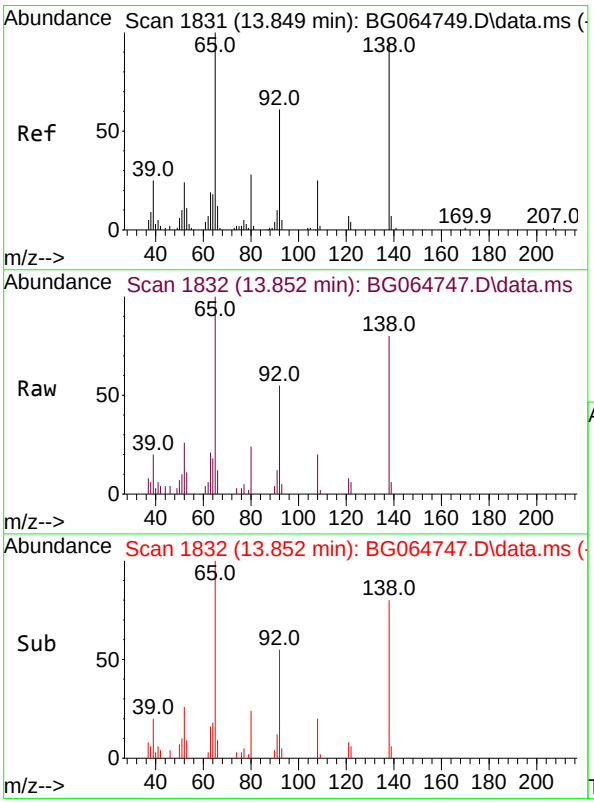
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.1 | 30.3 | 45.5 |
| 164 | 34.9 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

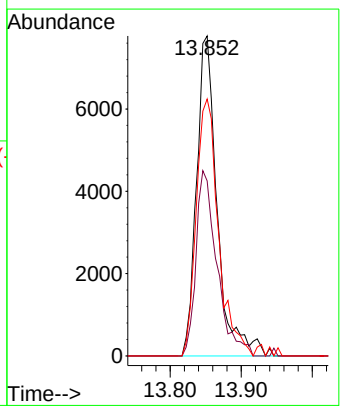
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

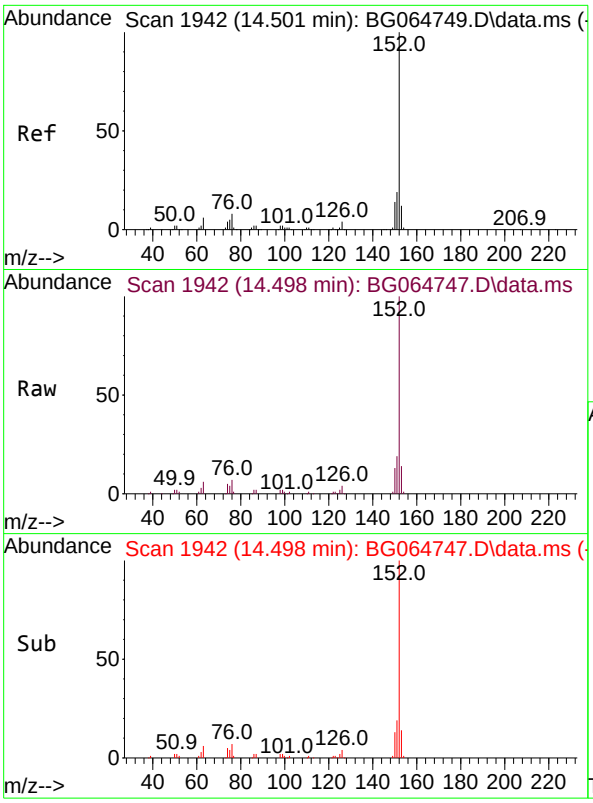



#48
2-Nitroaniline
Concen: 9.469 ng
RT: 13.852 min Scan# 1832
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 65 Resp: 15648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 54.7 | 48.6 | 73.0 |
| 138 | 80.3 | 76.4 | 114.6 |

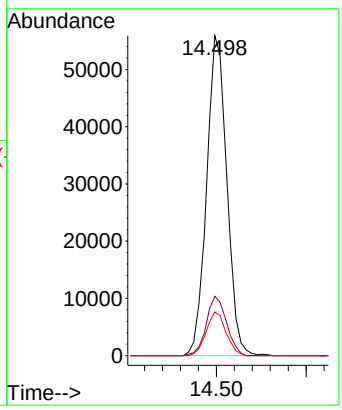





#49
Acenaphthylene
Concen: 9.973 ng
RT: 14.498 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:152 Resp: 8753

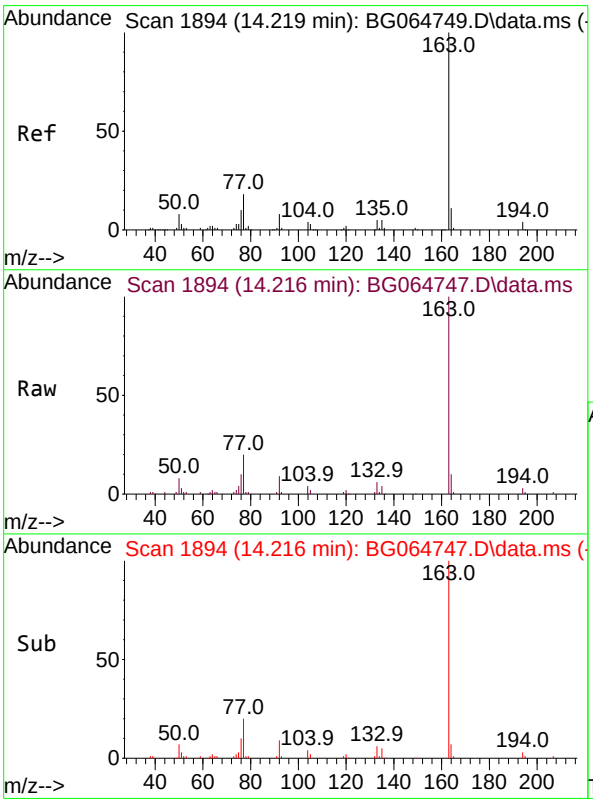
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.5 | 15.0 | 22.4 |
| 153 | 13.6 | 9.9 | 14.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

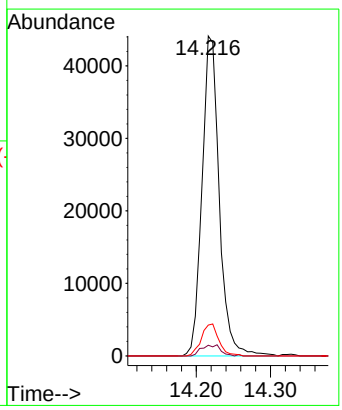
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

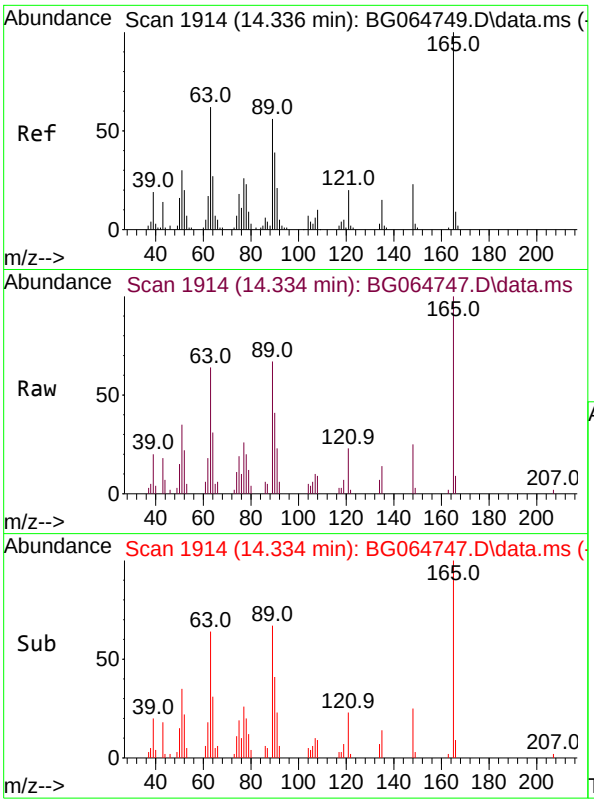



#50
Dimethylphthalate
Concen: 9.928 ng
RT: 14.216 min Scan# 1894
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:163 Resp: 71209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 3.1 | 4.7 |
| 164 | 9.6 | 8.6 | 12.8 |






#51
2,6-Dinitrotoluene
Concen: 9.246 ng
RT: 14.334 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

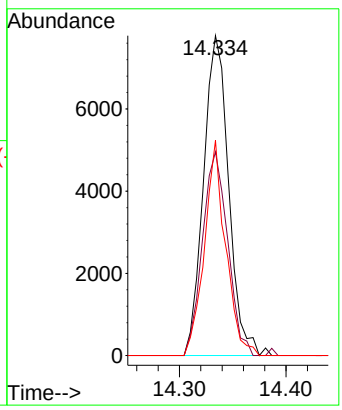
Tgt Ion:165 Resp: 1276

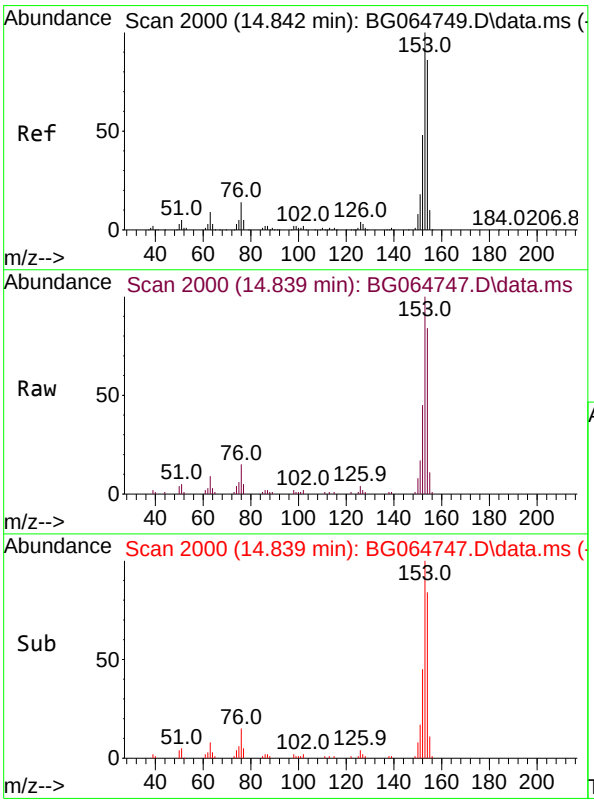
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.7 | 49.8 | 74.8 |
| 89 | 67.2 | 45.0 | 67.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

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Supervised By :Sohil Jodhani 11/14/2025

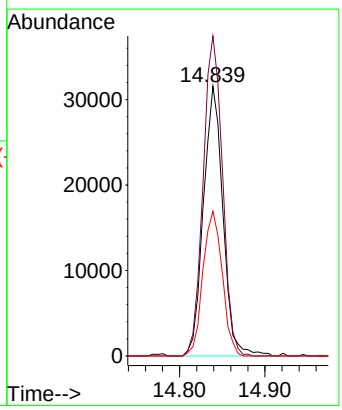


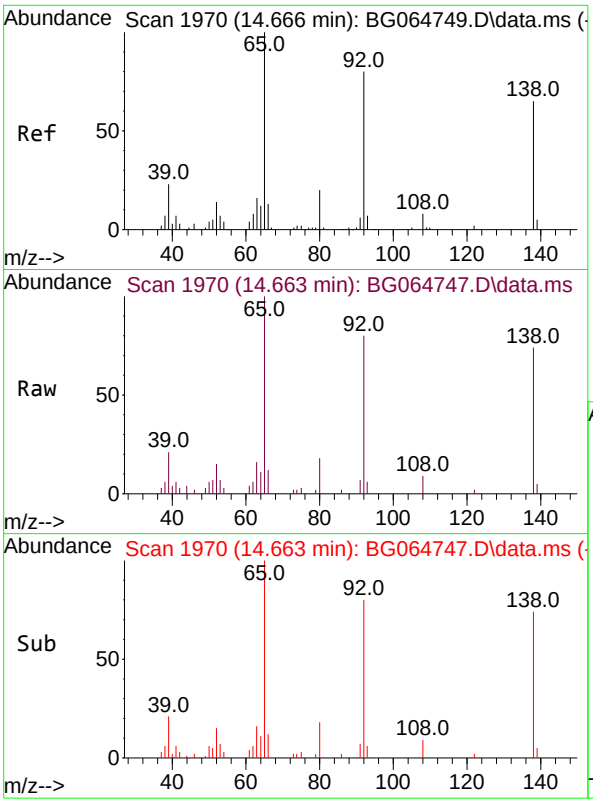




#52
Acenaphthene
Concen: 9.526 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:154 Resp: 50131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 118.7 | 93.0 | 139.4 |
| 152 | 53.6 | 44.4 | 66.6 |






#53
3-Nitroaniline
Concen: 9.240 ng
RT: 14.663 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

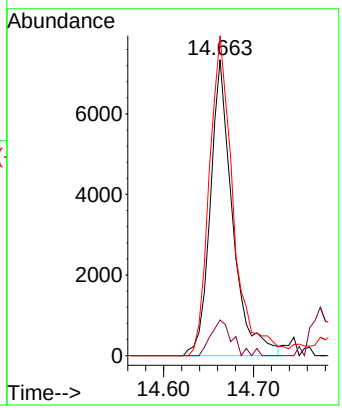
Tgt Ion:138 Resp: 1258

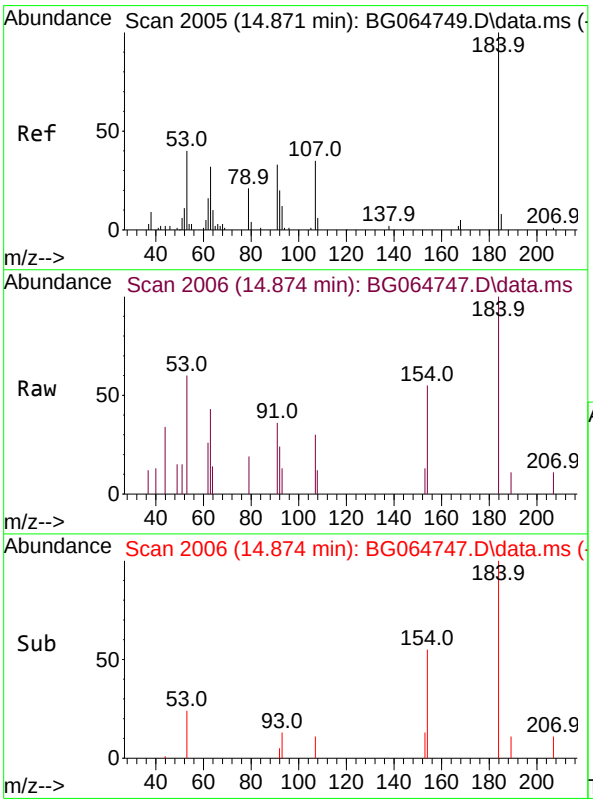
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.0 | 9.5 | 14.3 |
| 92 | 108.1 | 99.0 | 148.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
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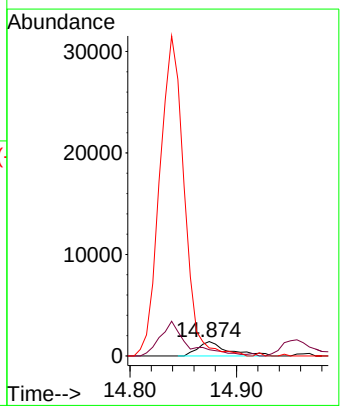


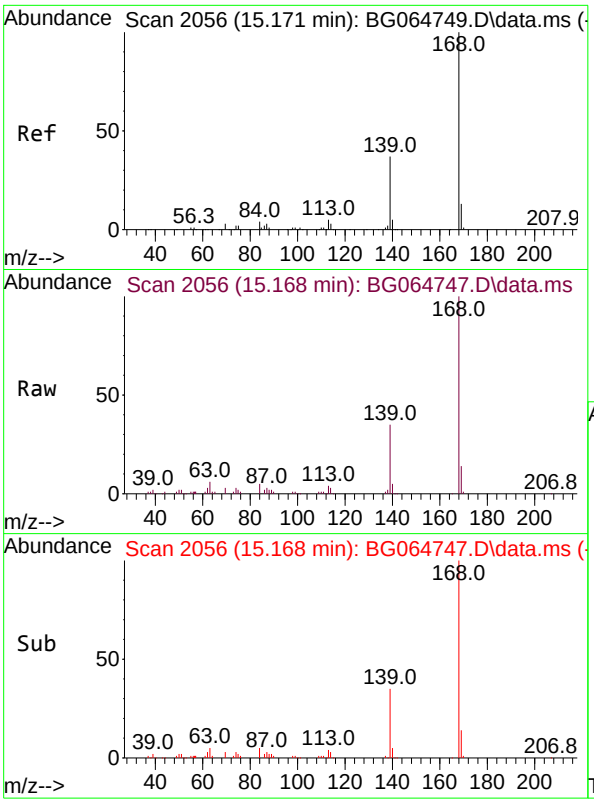




#54
2,4-Dinitrophenol
Concen: 11.149 ng
RT: 14.874 min Scan# 2006
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:184 Resp: 2717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 43.2 | 45.8 | 68.6# |
| 154 | 55.1 | 52.6 | 78.8 |

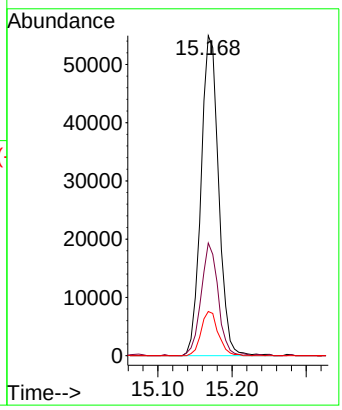





#55
Dibenzofuran
Concen: 10.387 ng
RT: 15.168 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:168 Resp: 90369

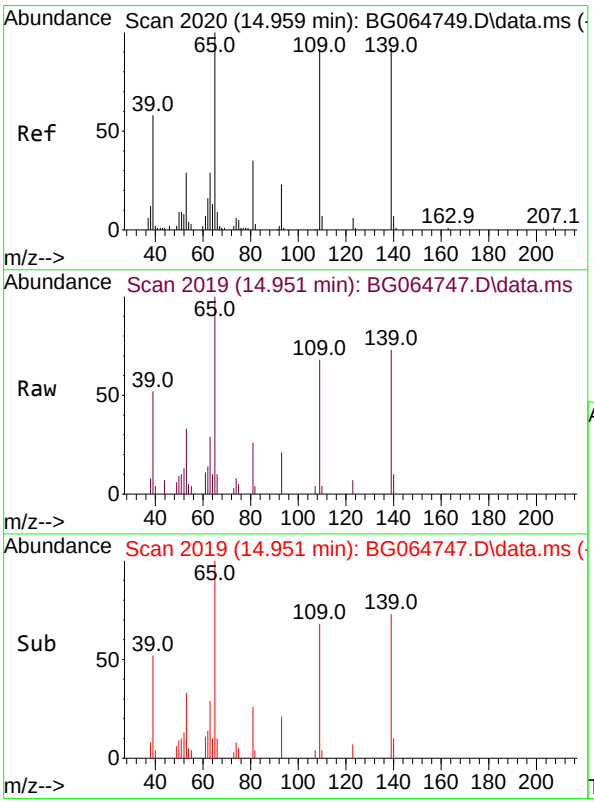
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.2 | 29.5 | 44.3 |
| 169 | 13.8 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

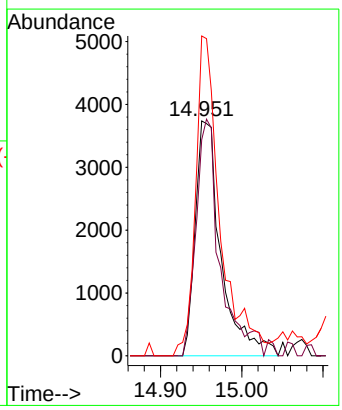
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

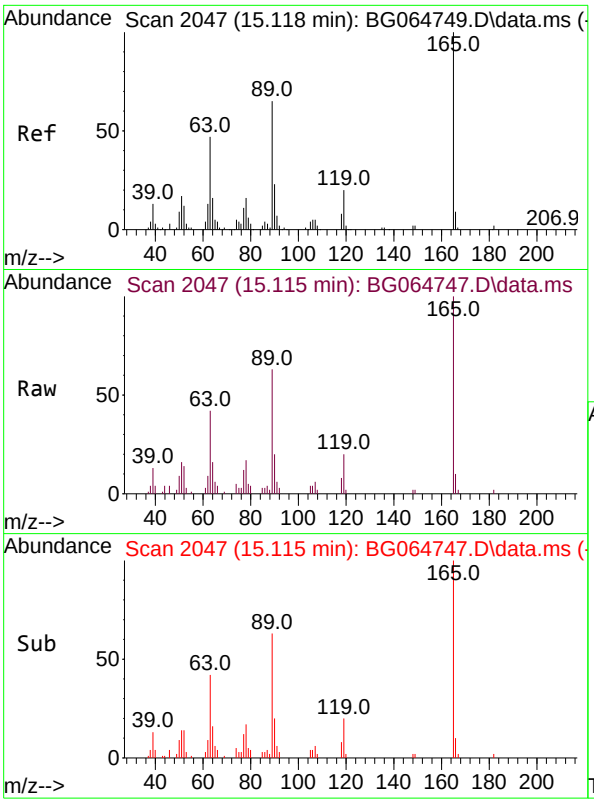



#56
4-Nitrophenol
Concen: 7.611 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:139 Resp: 8225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 92.1 | 79.7 | 119.7 |
| 65 | 136.2 | 89.9 | 129.9# |

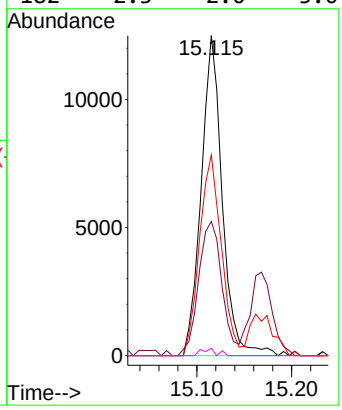





#57
2,4-Dinitrotoluene
Concen: 9.336 ng
RT: 15.115 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:165 Resp: 1931

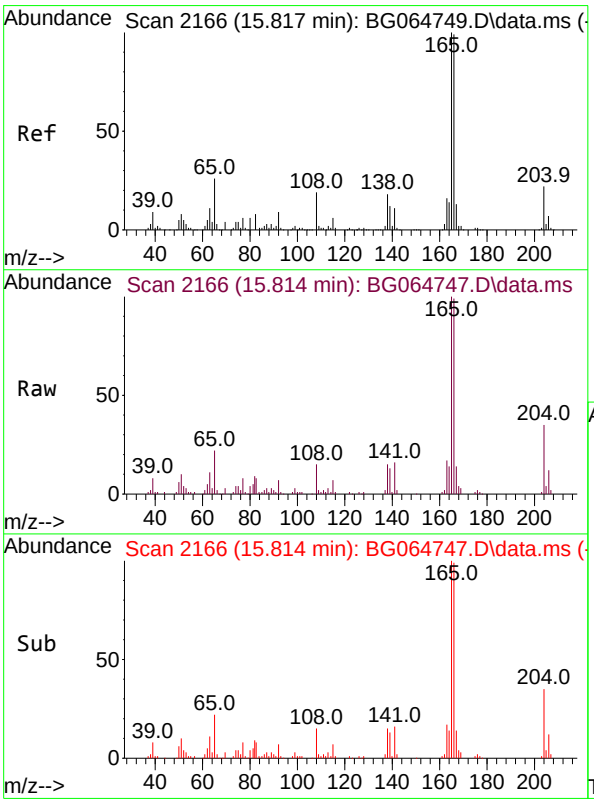
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.9 | 37.8 | 56.6 |
| 89 | 62.7 | 51.6 | 77.4 |
| 182 | 2.3 | 2.0 | 3.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

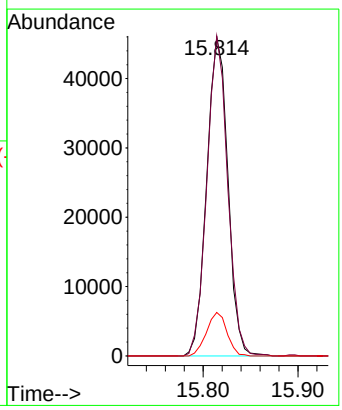
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

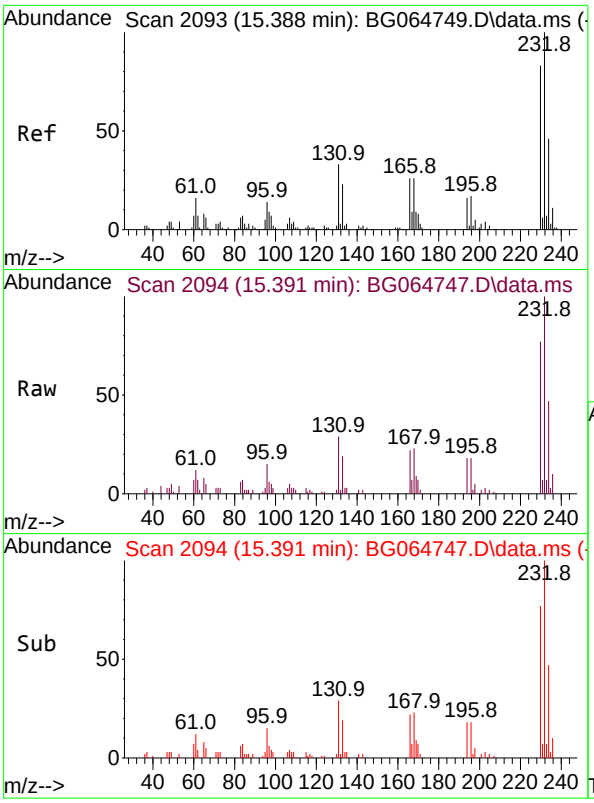



#58
Fluorene
Concen: 10.441 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:166 Resp: 71244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.5 | 80.5 | 120.7 |
| 167 | 13.6 | 10.3 | 15.5 |

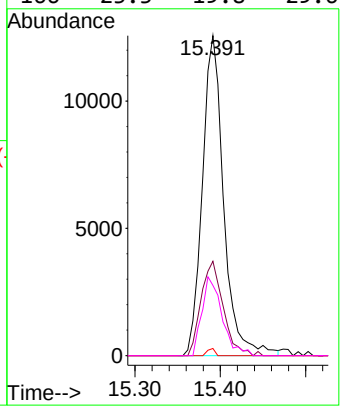





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.495 ng
RT: 15.391 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:232 Resp: 2179

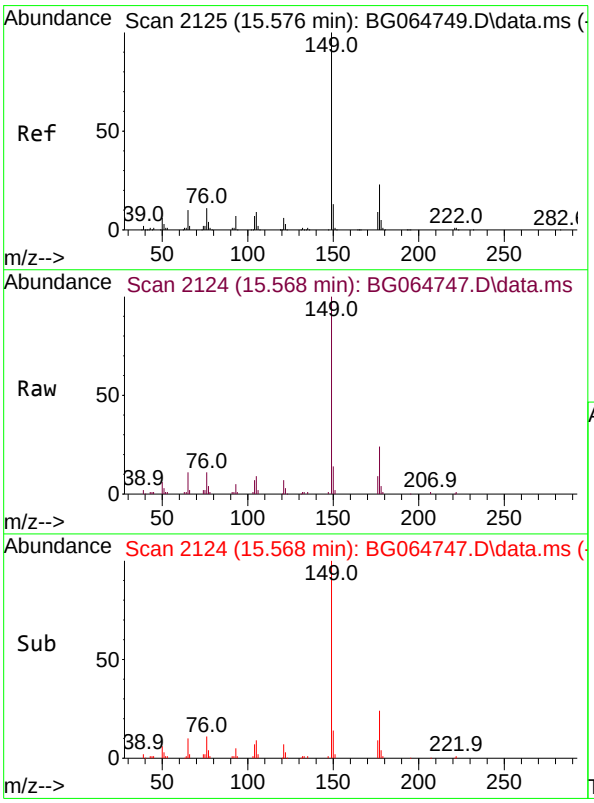
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 30.7 | 26.0 | 39.0 |
| 130 | 0.8 | 1.6 | 2.4# |
| 166 | 23.3 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

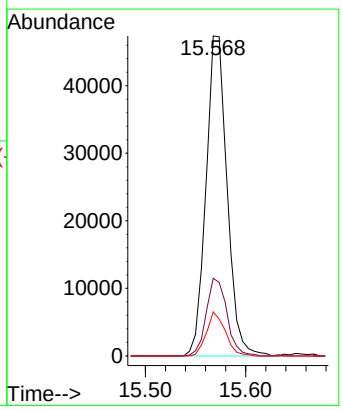
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

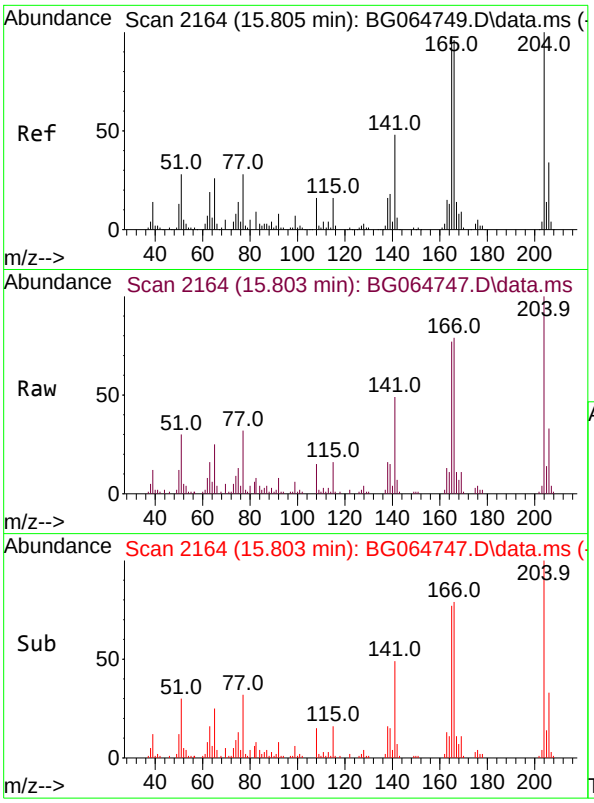



#60
Diethylphthalate
Concen: 10.053 ng
RT: 15.568 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:149 Resp: 69072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.3 | 18.4 | 27.6 |
| 150 | 13.7 | 10.1 | 15.1 |

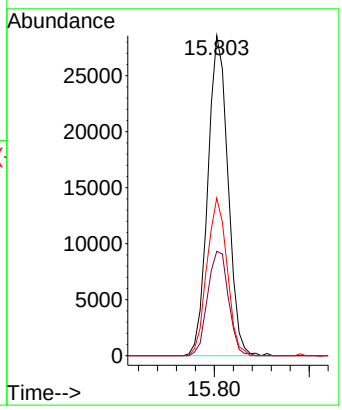





#61
4-Chlorophenyl-phenylether
Concen: 10.280 ng
RT: 15.803 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:204 Resp: 4209

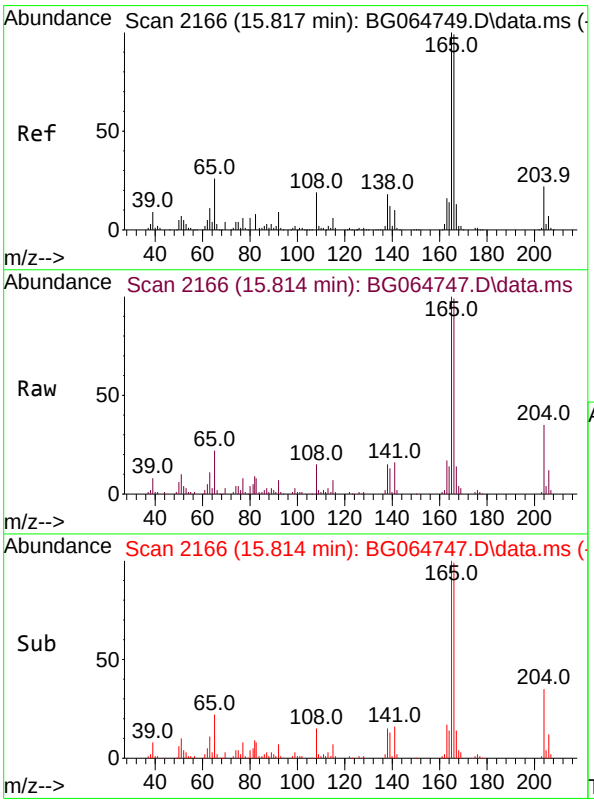
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.6 | 26.9 | 40.3 |
| 141 | 49.2 | 38.1 | 57.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

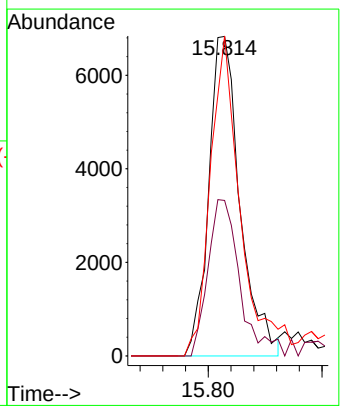
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

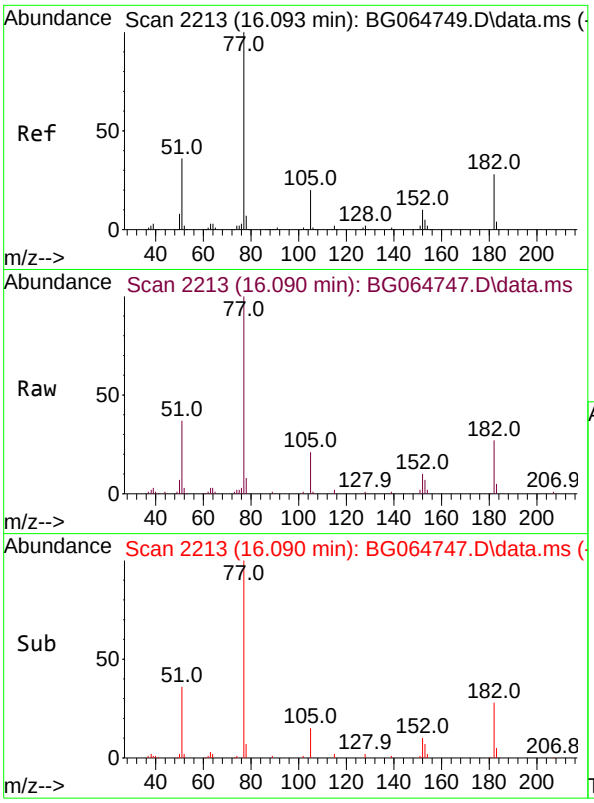



#62
4-Nitroaniline
Concen: 9.268 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:138 Resp: 13078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.7 | 30.7 | 70.7 |
| 108 | 100.2 | 85.7 | 125.7 |

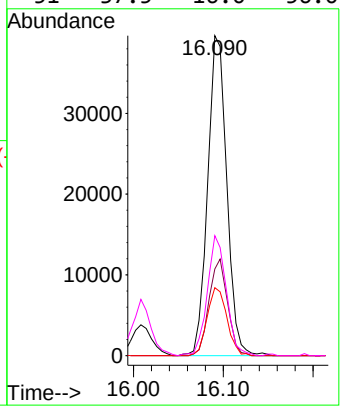





#63
Azobenzene
Concen: 10.260 ng
RT: 16.090 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 77 Resp: 5863

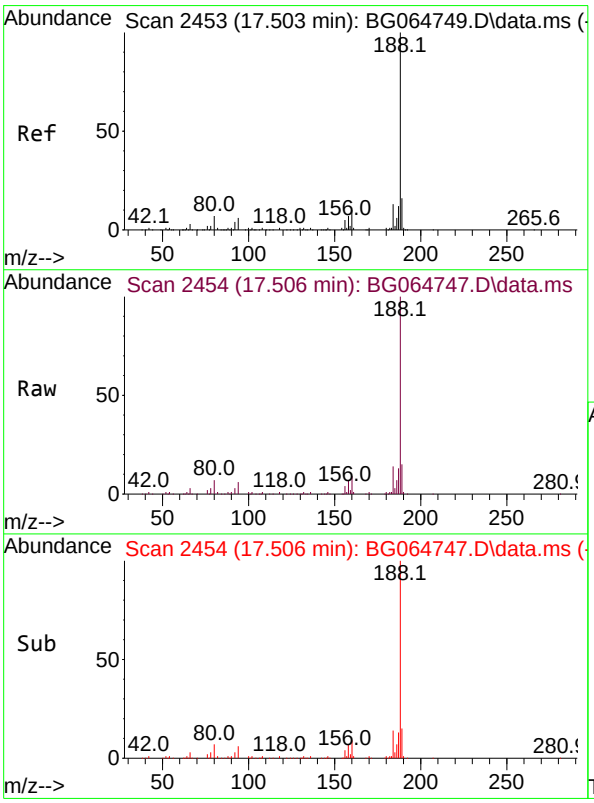
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.1 | 8.1 | 48.1 |
| 105 | 21.2 | 0.1 | 40.1 |
| 51 | 37.5 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

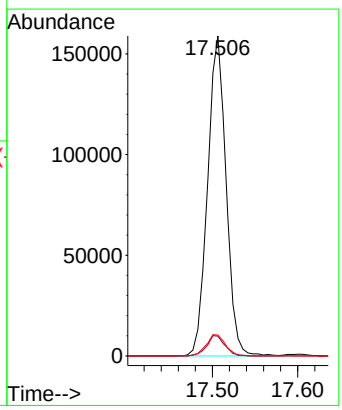
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

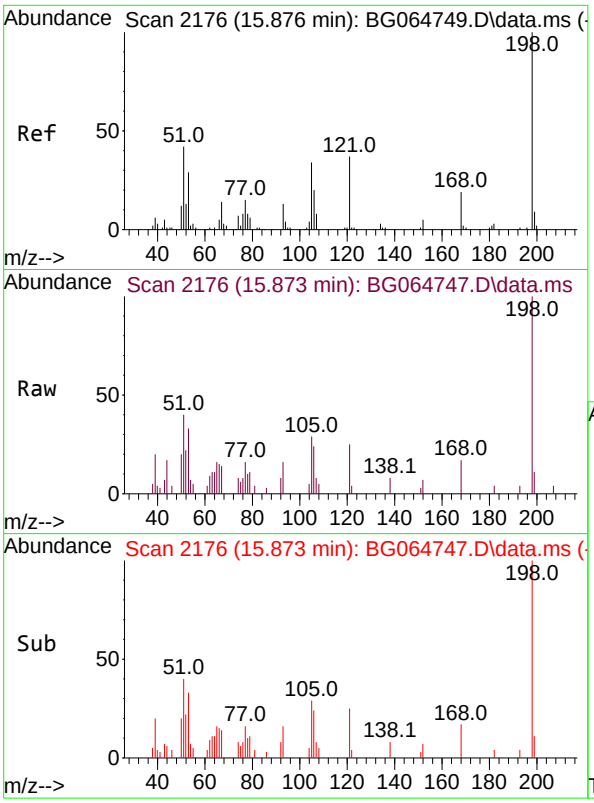



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:188 Resp: 239033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 4.7 | 7.1 |
| 80 | 6.5 | 5.4 | 8.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 6.563 ng
RT: 15.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

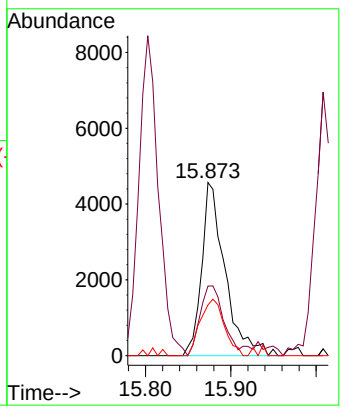
Tgt Ion:198 Resp: 871

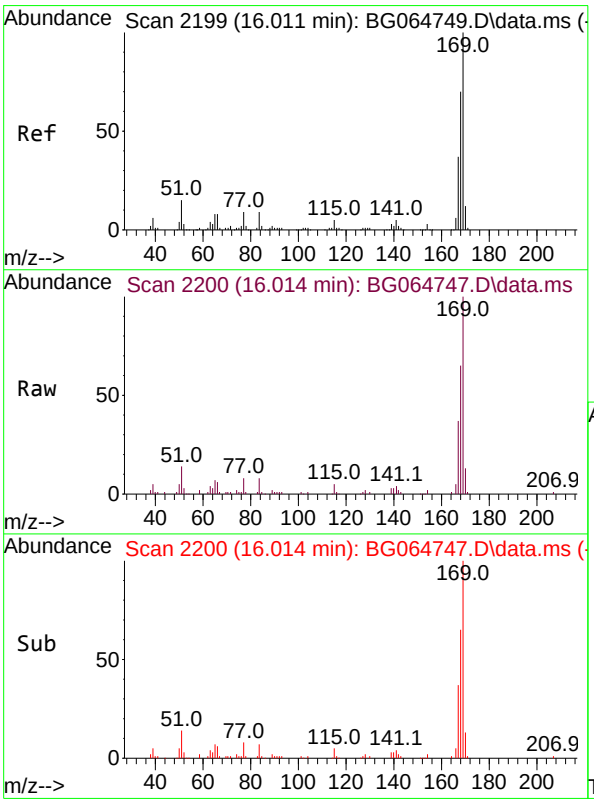
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.2 | 25.2 | 65.2 |
| 105 | 29.2 | 14.2 | 54.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

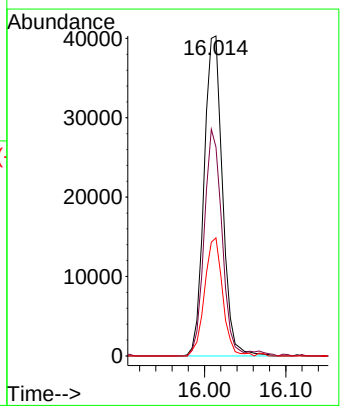


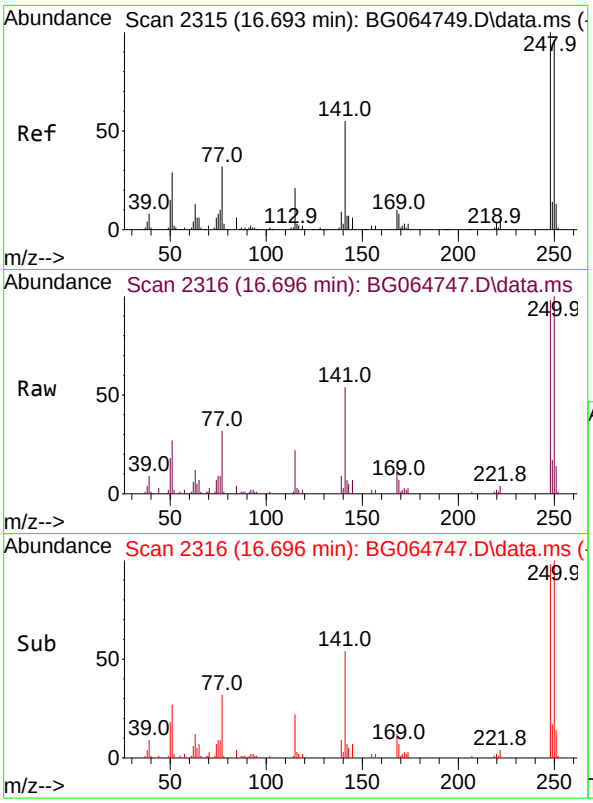




#66
n-Nitrosodiphenylamine
Concen: 10.127 ng
RT: 16.014 min Scan# 2200
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:169 Resp: 63405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.3 | 55.9 | 83.9 |
| 167 | 36.9 | 29.8 | 44.6 |






#67
4-Bromophenyl-phenylether
Concen: 10.021 ng
RT: 16.696 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

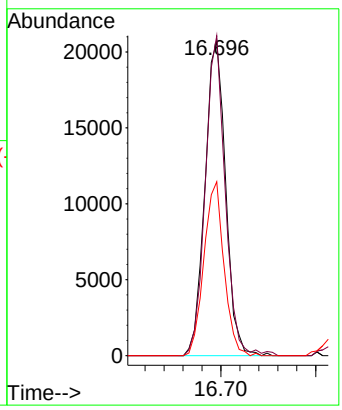
**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

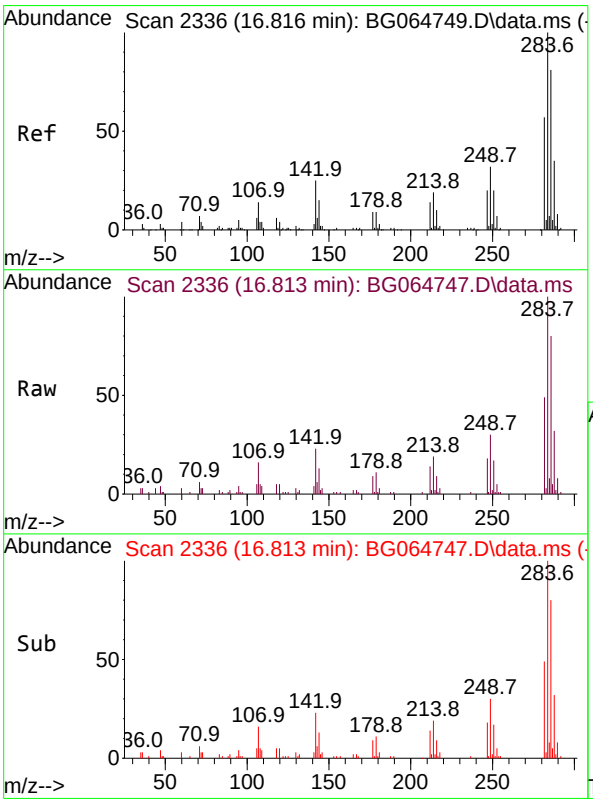
Tgt Ion:248 Resp: 3145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.8 | 77.0 | 115.6 |
| 141 | 55.3 | 43.7 | 65.5 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

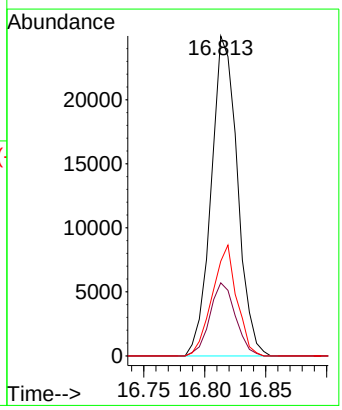


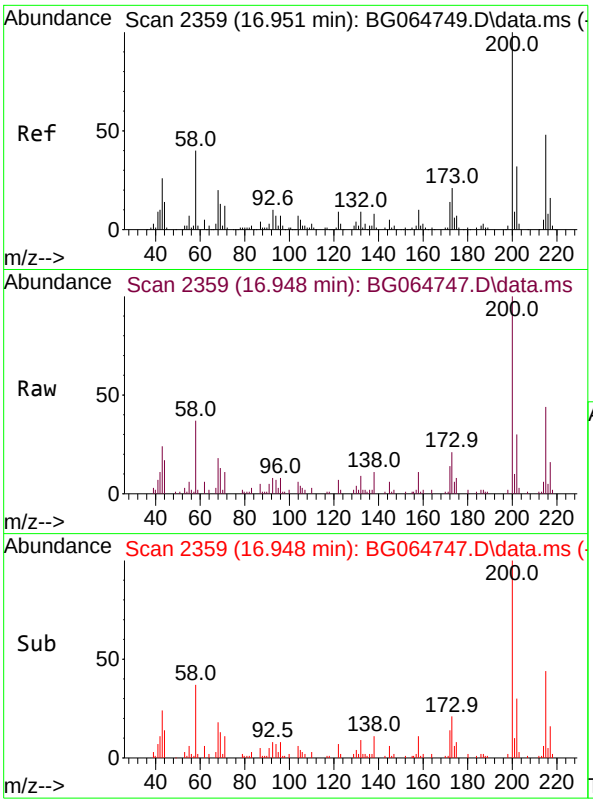




#68
Hexachlorobenzene
Concen: 9.795 ng
RT: 16.813 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:284 Resp: 37251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.8 | 19.7 | 29.5 |
| 249 | 29.6 | 28.1 | 42.1 |






#69
Atrazine
Concen: 9.940 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

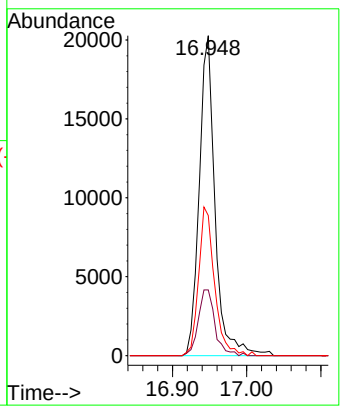
Tgt Ion:200 Resp: 3000

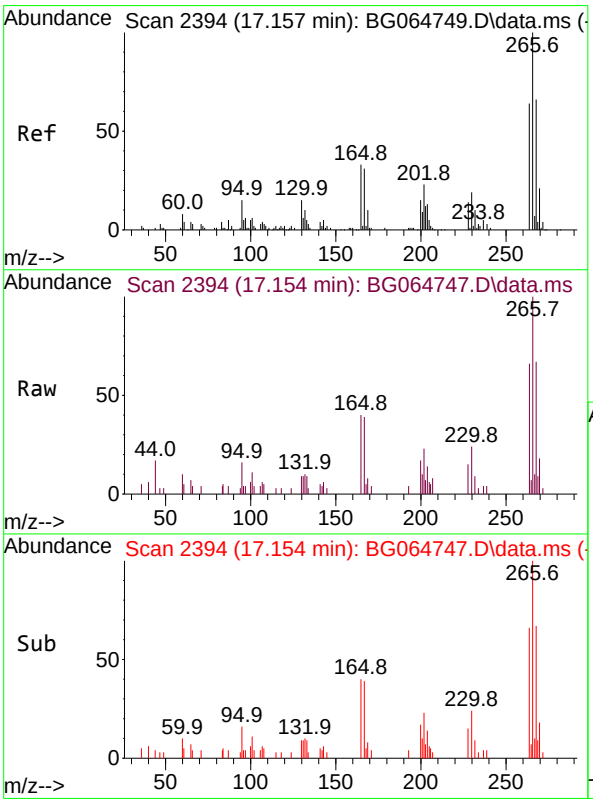
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 20.6 | 0.9 | 40.9 |
| 215 | 43.8 | 27.5 | 67.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

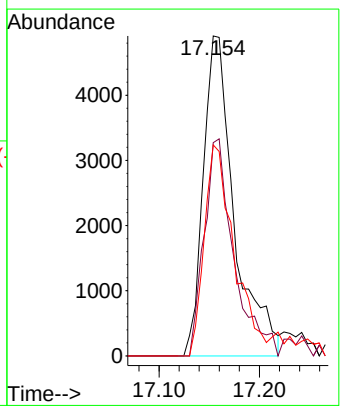


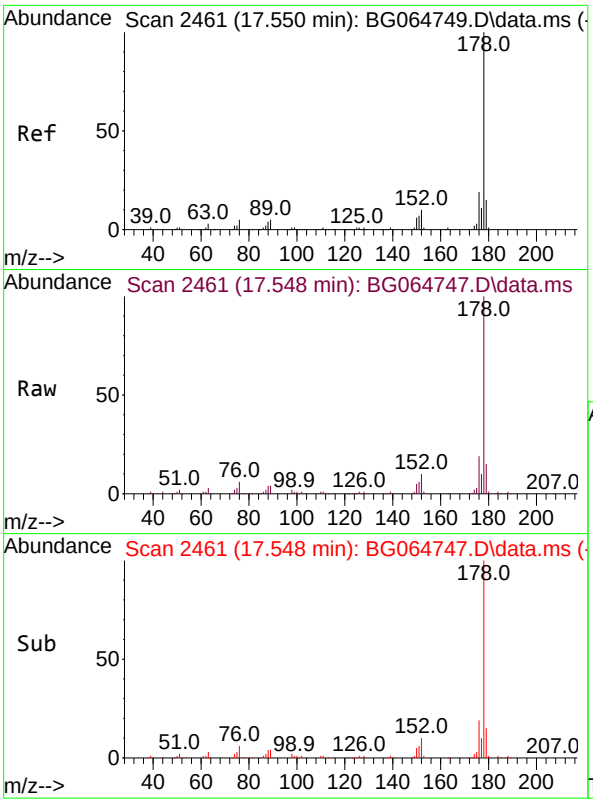




#70
Pentachlorophenol
Concen: 10.475 ng
RT: 17.154 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:266 Resp: 10561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 75.6 | 56.1 | 84.1 |
| 264 | 65.9 | 51.2 | 76.8 |

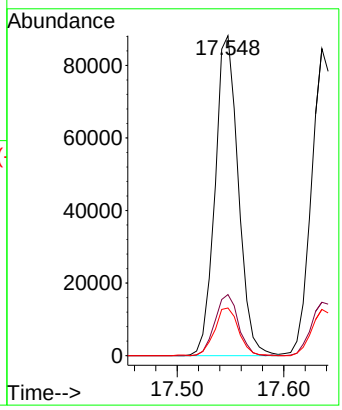





#71
Phenanthrene
Concen: 10.219 ng
RT: 17.548 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:178 Resp: 13364

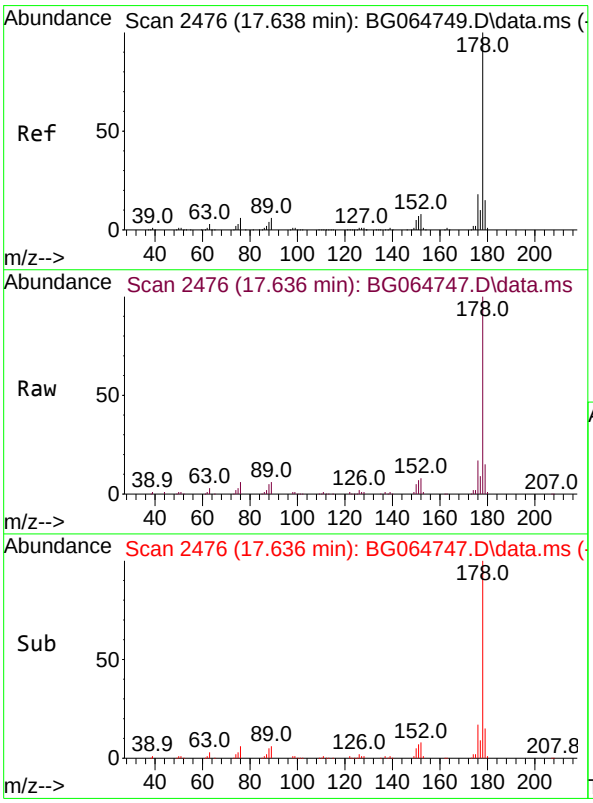
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 14.8 | 22.2 |
| 179 | 14.9 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

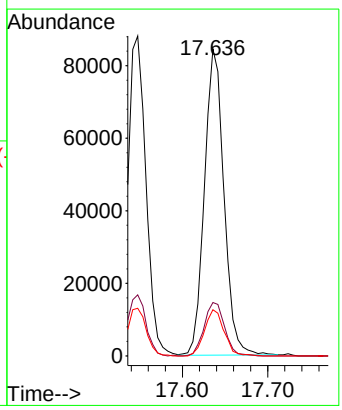
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

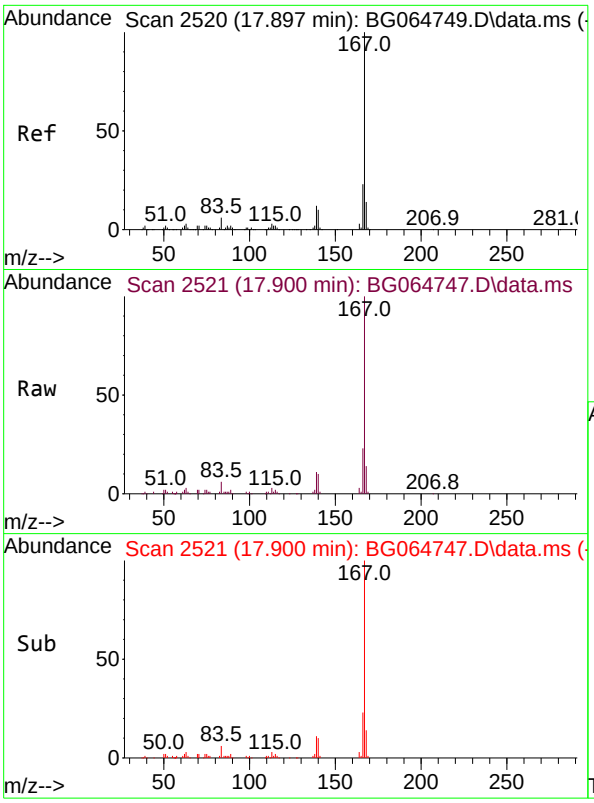



#72
Anthracene
Concen: 10.059 ng
RT: 17.636 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:178 Resp: 134138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.4 | 14.5 | 21.7 |
| 179 | 15.0 | 12.2 | 18.4 |

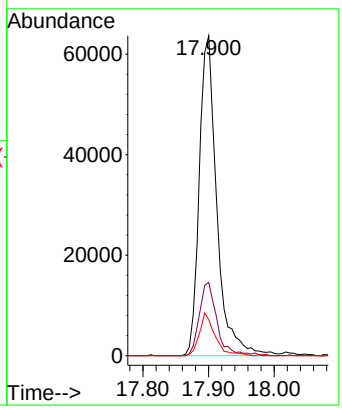





#73
Carbazole
Concen: 10.286 ng
RT: 17.900 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:167 Resp: 11792

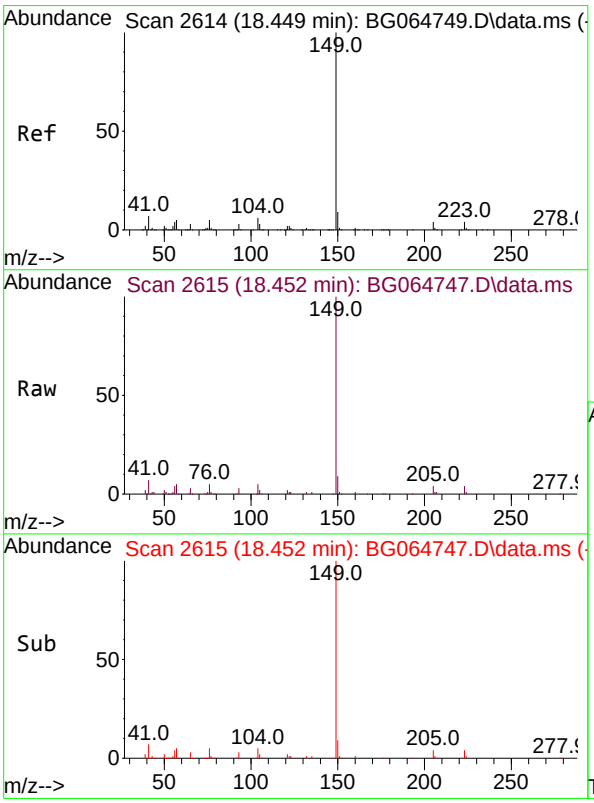
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.9 | 18.0 | 27.0 |
| 139 | 11.2 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

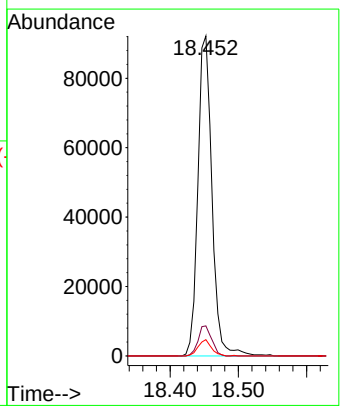
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

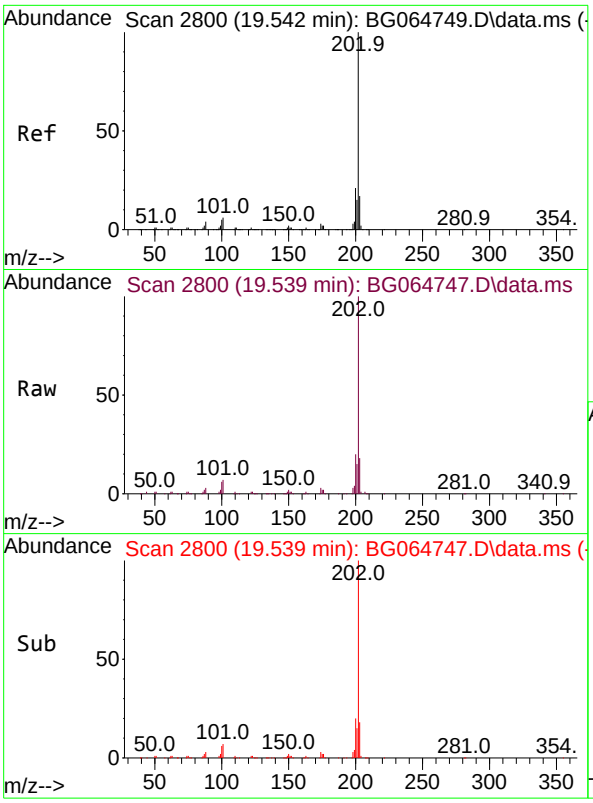



#74
Di-n-butylphthalate
Concen: 10.340 ng
RT: 18.452 min Scan# 2615
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:149 Resp: 132248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.5 | 11.3 |
| 104 | 5.1 | 4.4 | 6.6 |

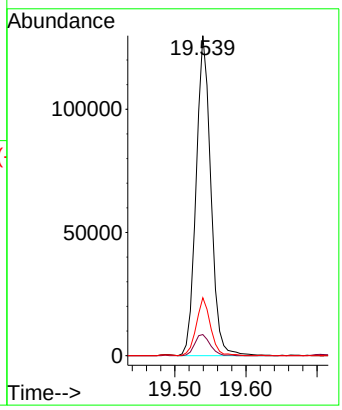





#75
Fluoranthene
Concen: 10.409 ng
RT: 19.539 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:202 Resp: 186154

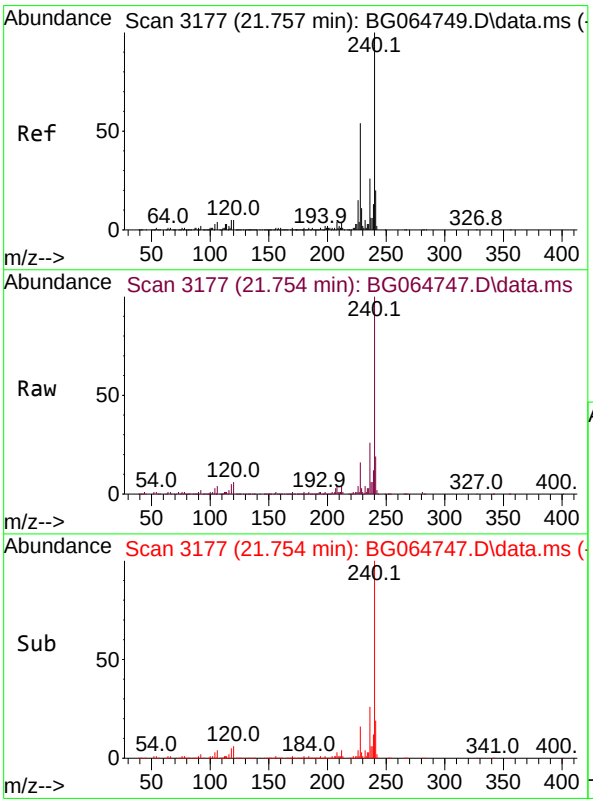
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.6 | 0.0 | 26.4 |
| 203 | 18.1 | 0.0 | 37.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

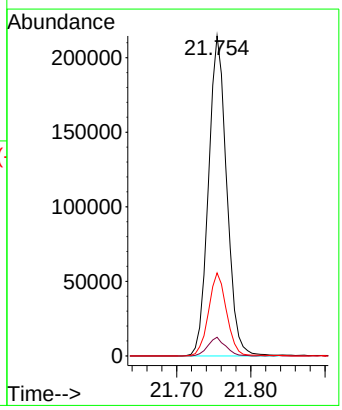
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

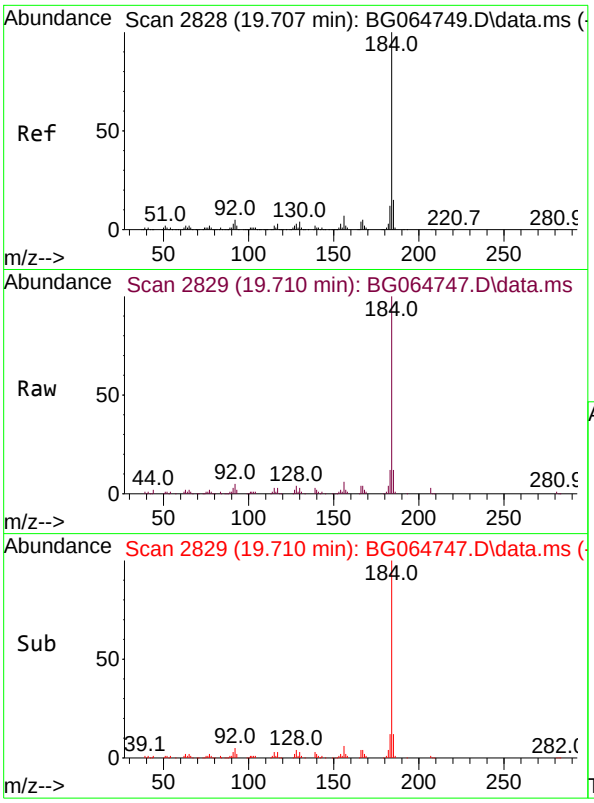



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:240 Resp: 366018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.9 | 4.2 | 6.4 |
| 236 | 25.9 | 20.8 | 31.2 |

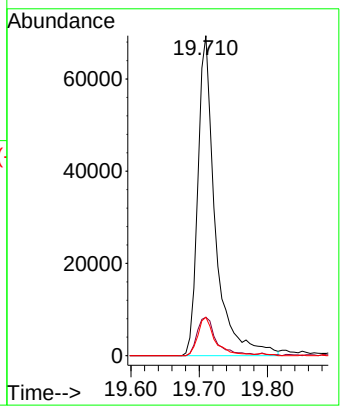





#77
Benzidine
Concen: 11.249 ng
RT: 19.710 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:184 Resp: 12330

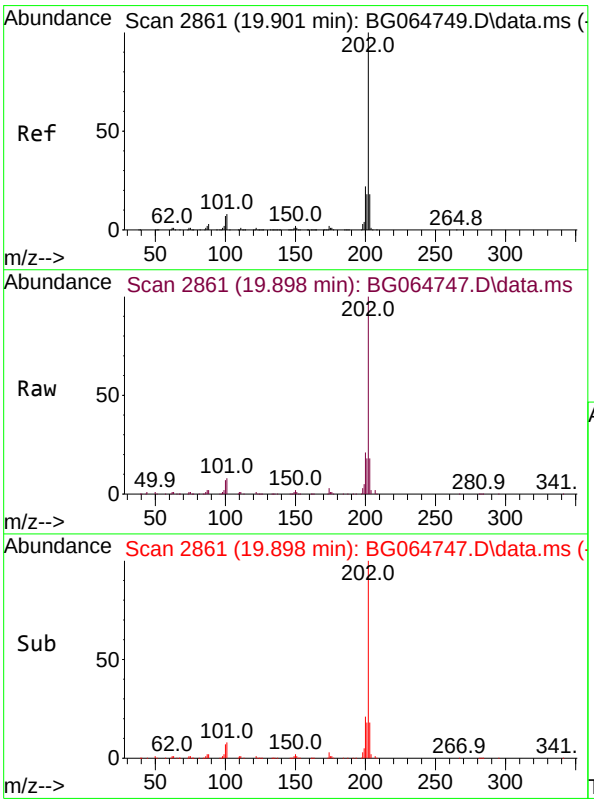
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 12.0 | 11.8 | 17.6 |
| 183 | 12.0 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

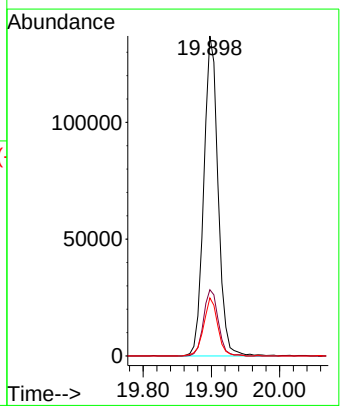
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

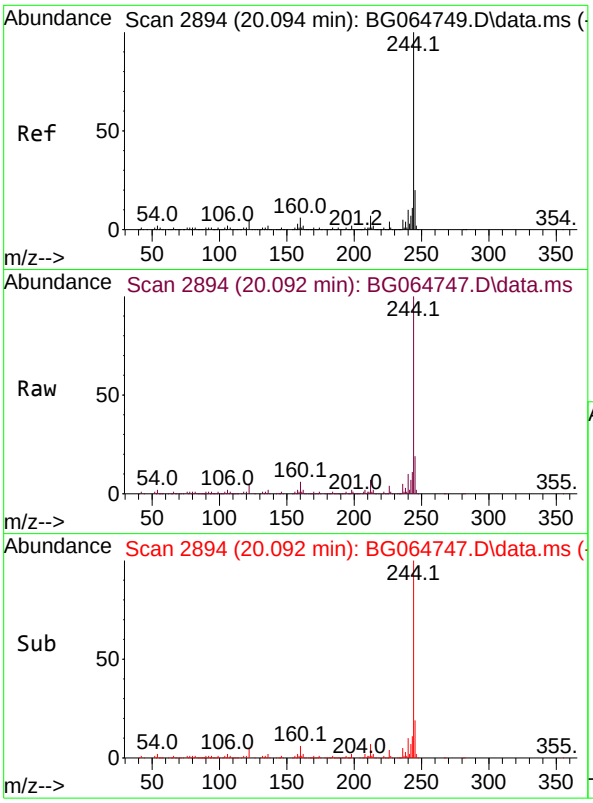



#78
Pyrene
Concen: 9.719 ng
RT: 19.898 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:202 Resp: 199370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 17.9 | 26.9 |
| 203 | 18.1 | 14.0 | 21.0 |






#79
Terphenyl-d14
Concen: 20.217 ng
RT: 20.092 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

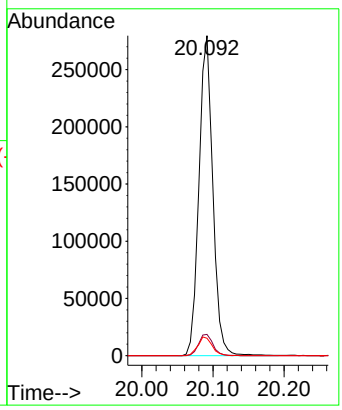
Tgt Ion:244 Resp: 37617

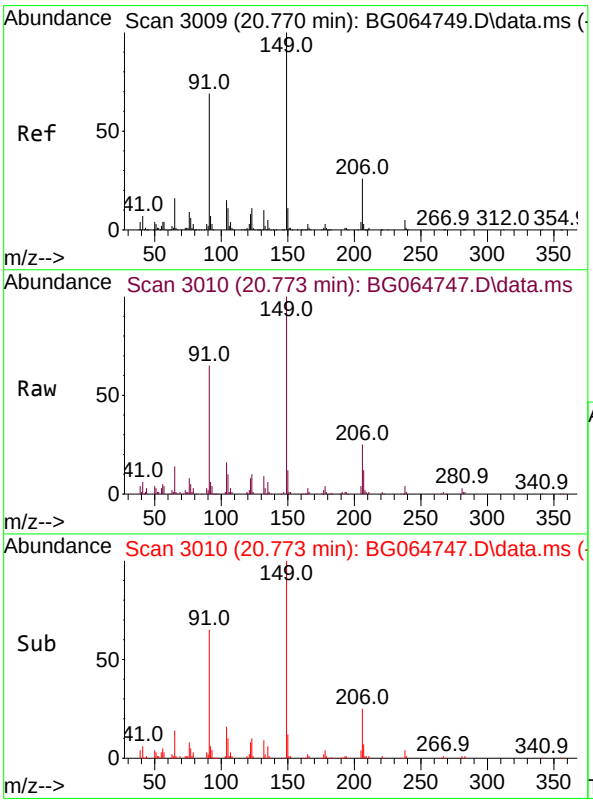
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.8 | 8.6 |
| 122 | 5.5 | 4.3 | 6.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

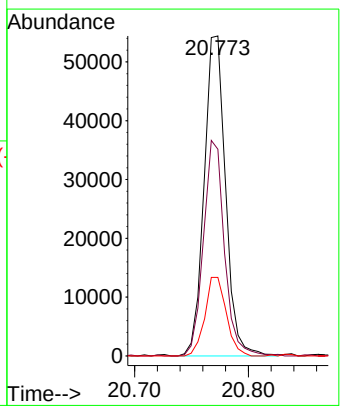


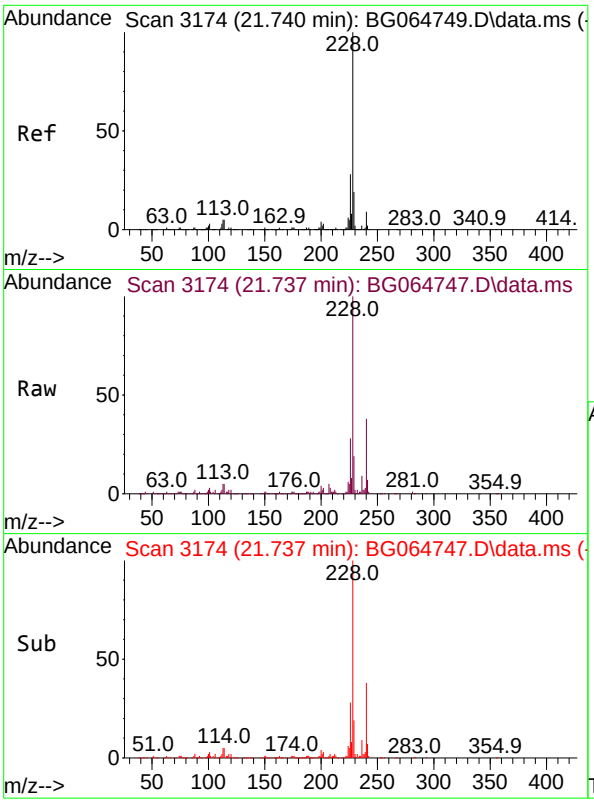




#80
Butylbenzylphthalate
Concen: 9.908 ng
RT: 20.773 min Scan# 3010
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:149 Resp: 71488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.6 | 54.9 | 82.3 |
| 206 | 24.5 | 21.2 | 31.8 |

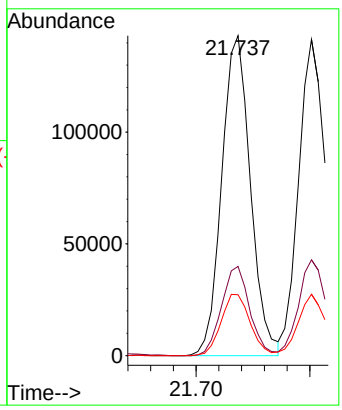





#81
Benzo(a)anthracene
Concen: 10.079 ng
RT: 21.737 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:228 Resp: 25084

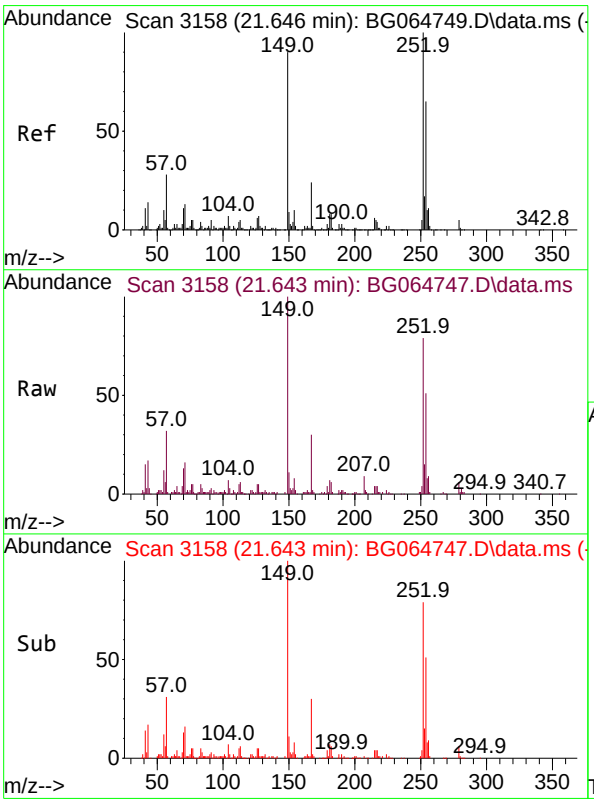
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.1 | 33.1 |
| 229 | 19.0 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

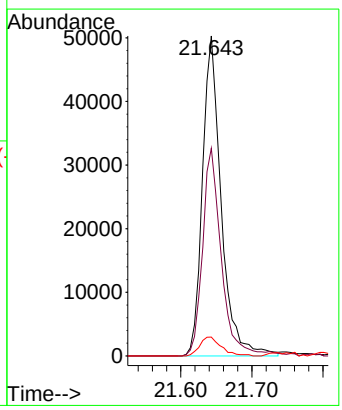
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

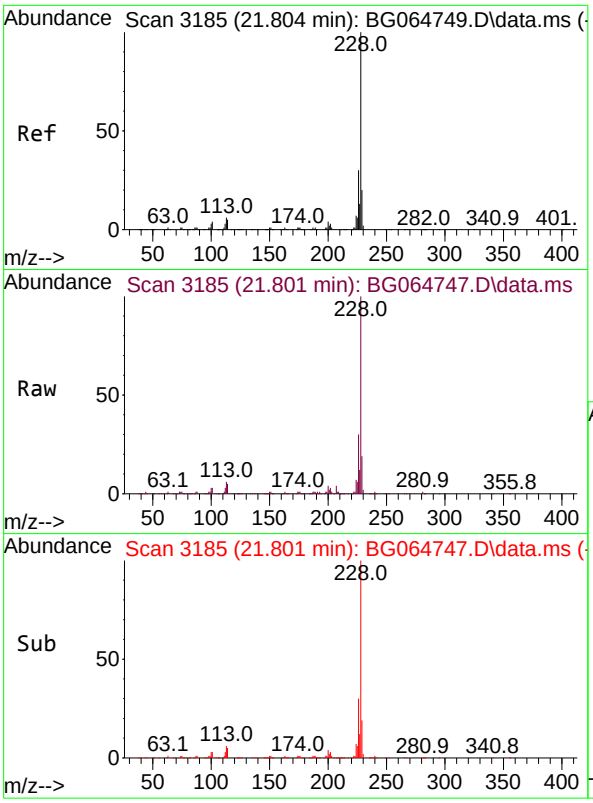



#82
3,3'-Dichlorobenzidine
Concen: 10.018 ng
RT: 21.643 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:252 Resp: 91769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 51.8 | 77.8 |
| 126 | 5.9 | 4.7 | 7.1 |

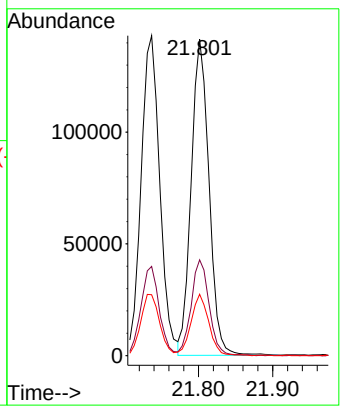





#83
Chrysene
Concen: 10.080 ng
RT: 21.801 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:228 Resp: 23651

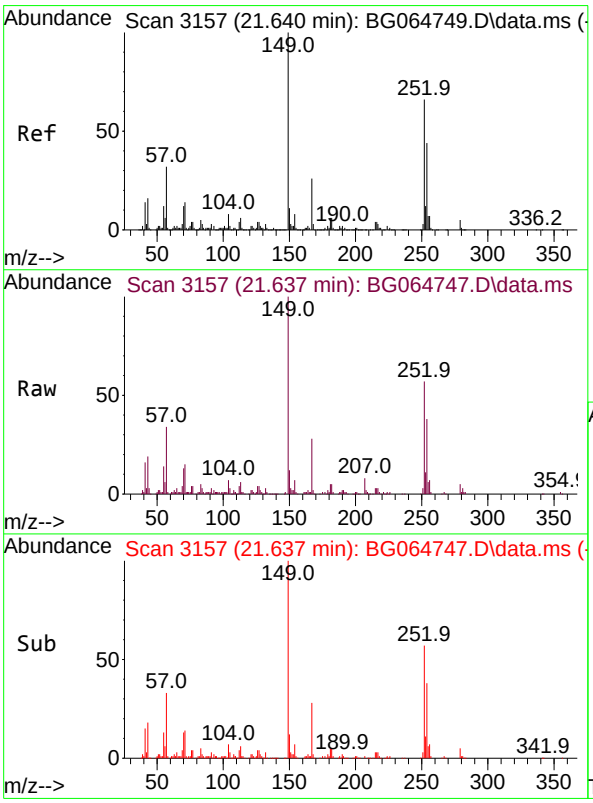
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.2 | 36.2 |
| 229 | 19.4 | 16.0 | 24.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

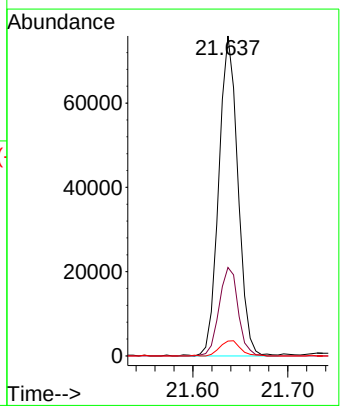
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

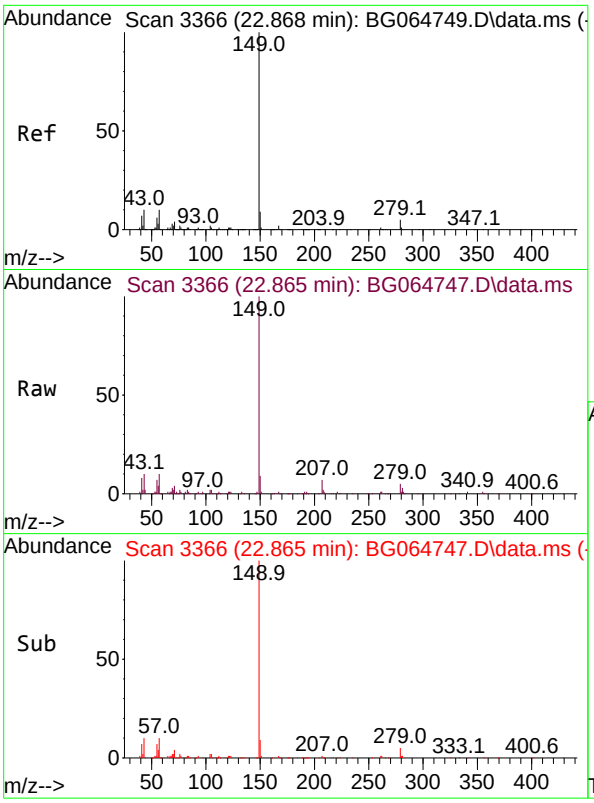



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.092 ng
RT: 21.637 min Scan# 3157
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:149 Resp: 106405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.6 | 21.0 | 31.4 |
| 279 | 4.6 | 4.1 | 6.1 |

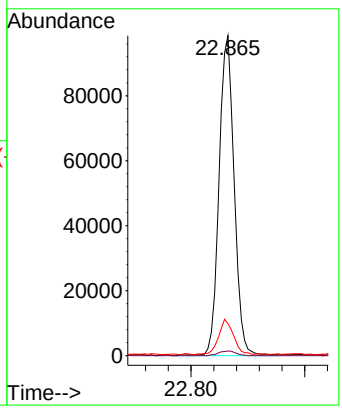





#85
Di-n-octyl phthalate
Concen: 9.967 ng
RT: 22.865 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:149 Resp: 18165

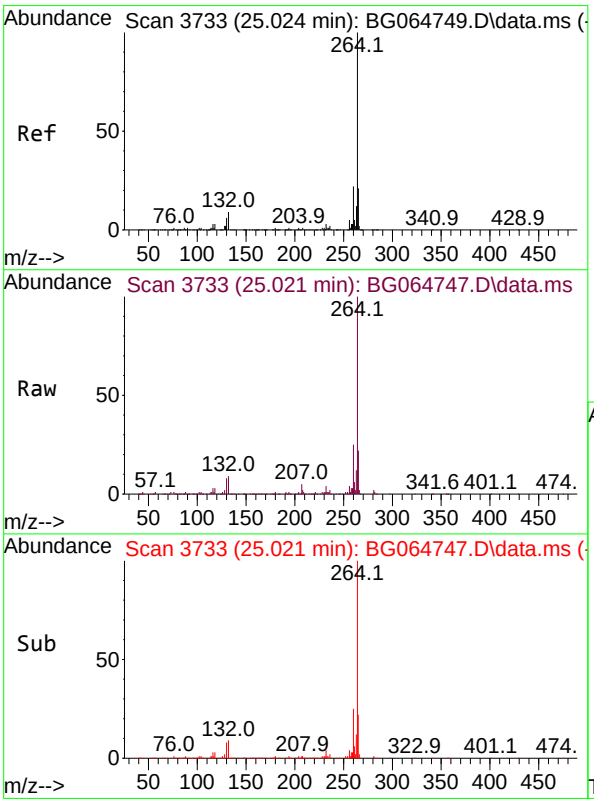
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 10.9 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

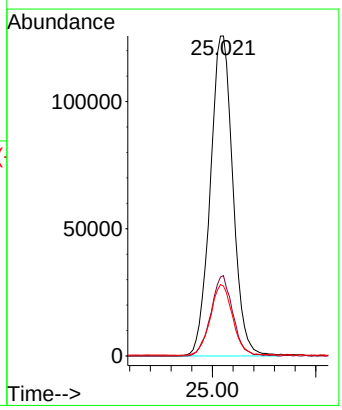
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

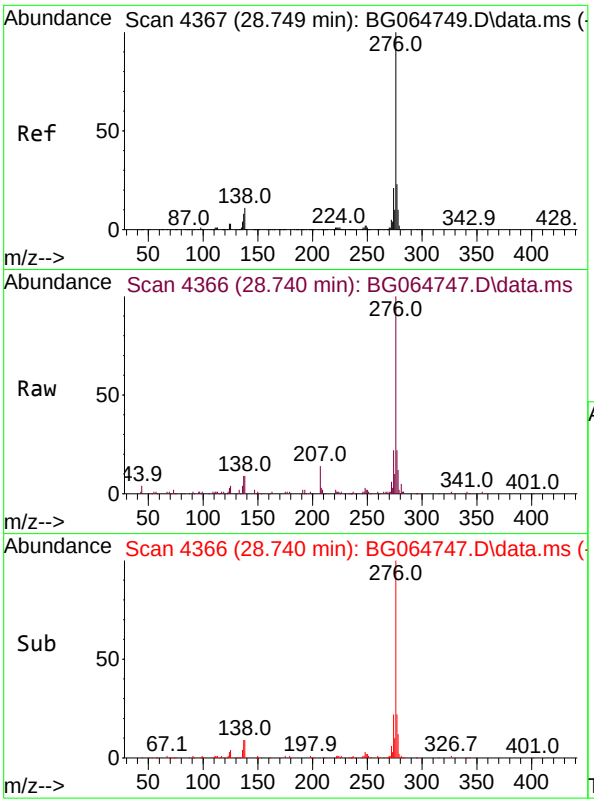



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3733
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:264 Resp: 382667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.1 | 17.2 | 25.8 |
| 265 | 21.9 | 16.6 | 25.0 |

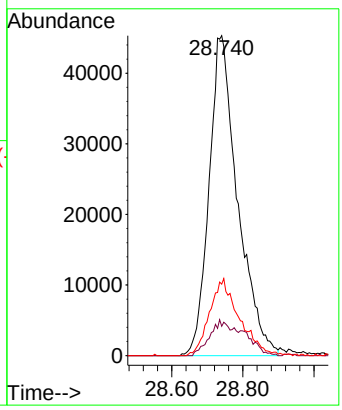





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.636 ng
RT: 28.740 min Scan# 4
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:276 Resp: 25332

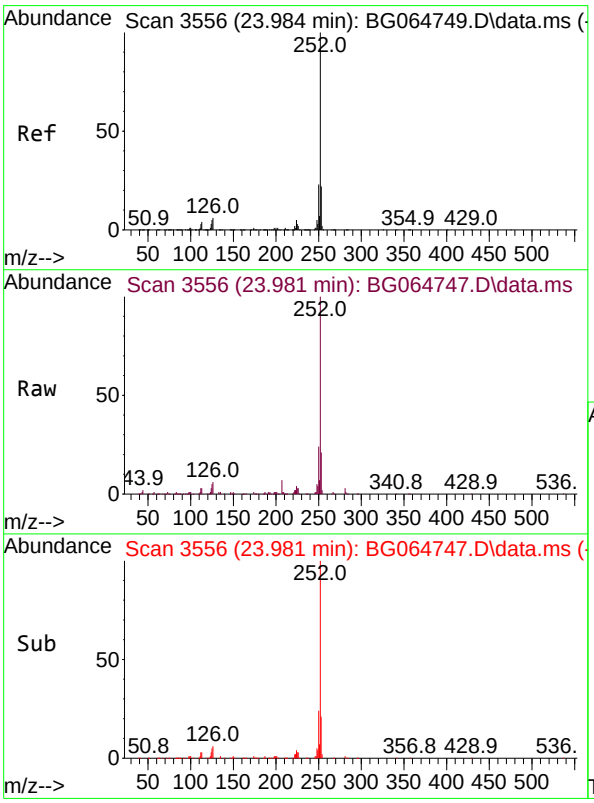
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.2 | 4.5 | 6.7# |
| 277 | 24.9 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

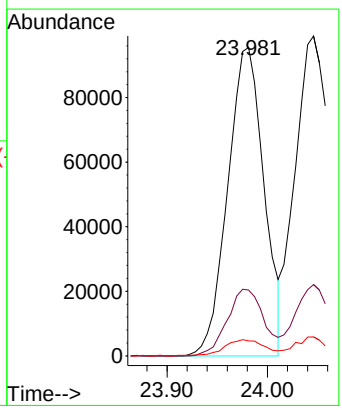
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

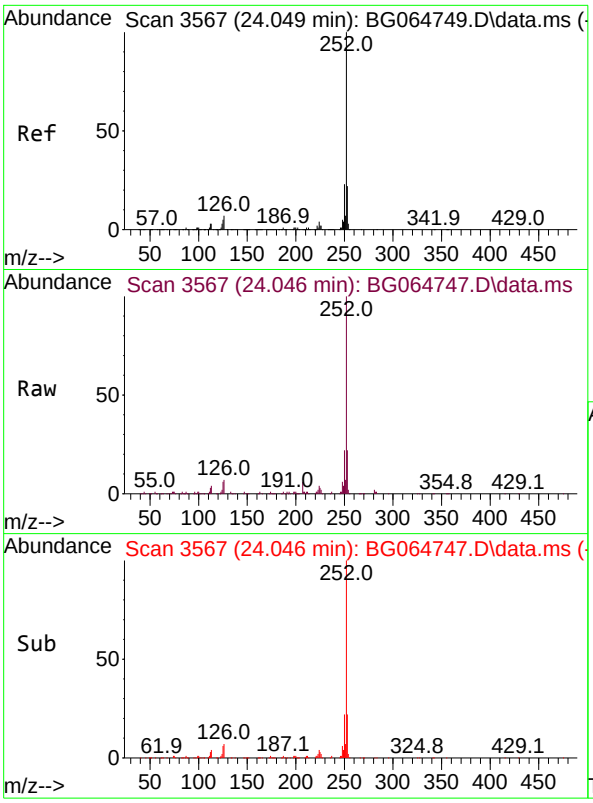



#88
Benzo(b)fluoranthene
Concen: 9.825 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:252 Resp: 239260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.4 | 26.2 |
| 125 | 4.8 | 4.2 | 6.2 |

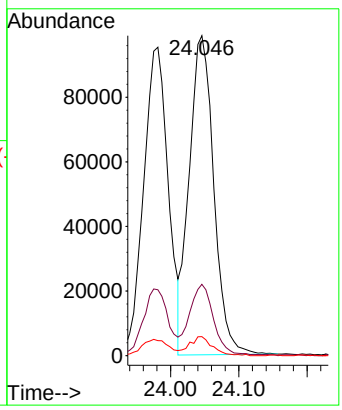





#89
Benzo(k)fluoranthene
Concen: 10.137 ng
RT: 24.046 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:252 Resp: 24800

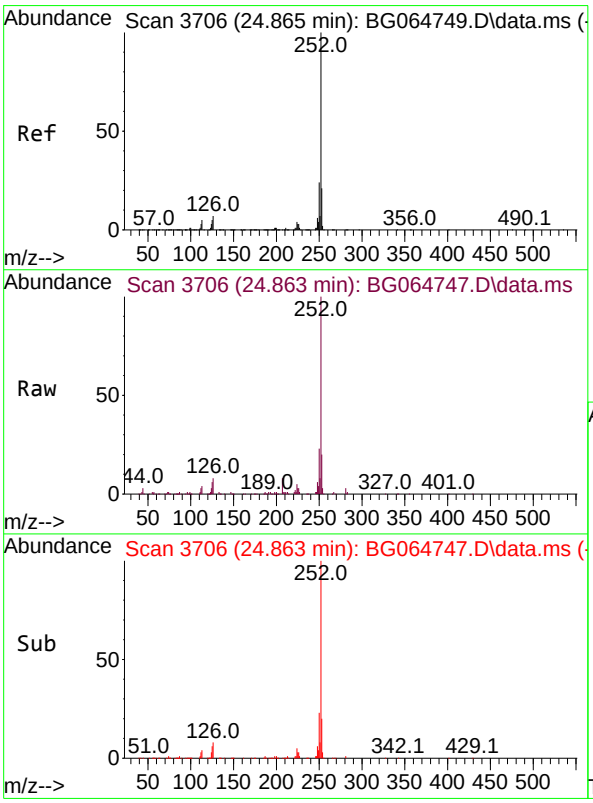
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.8 |
| 125 | 5.9 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

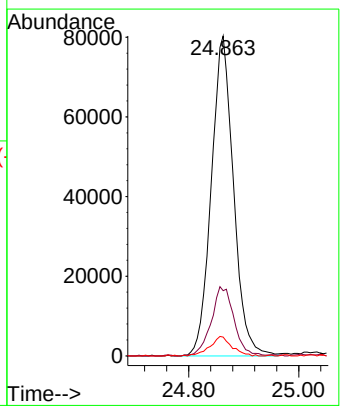
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

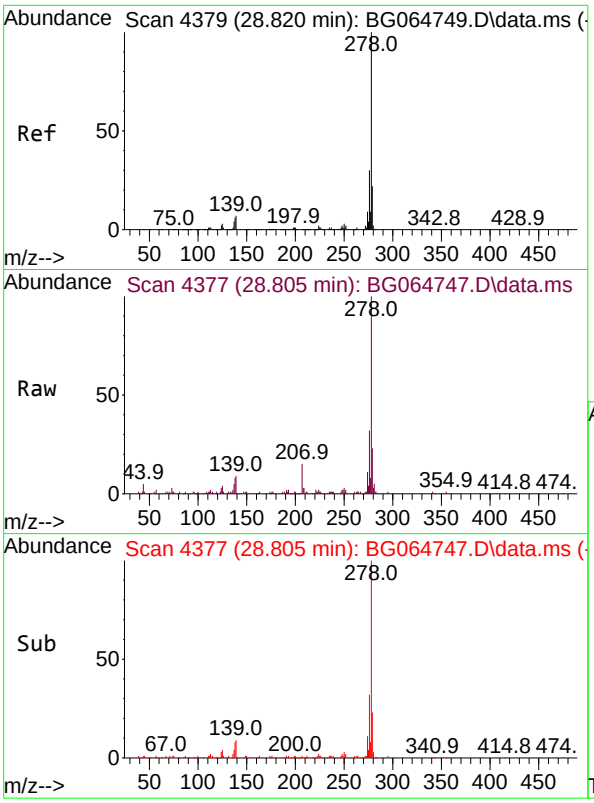



#90
Benzo(a)pyrene
Concen: 9.960 ng
RT: 24.863 min Scan# 3706
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:252 Resp: 224991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 20.4 | 16.9 | 25.3 |
| 125 | 5.9 | 4.2 | 6.4 |

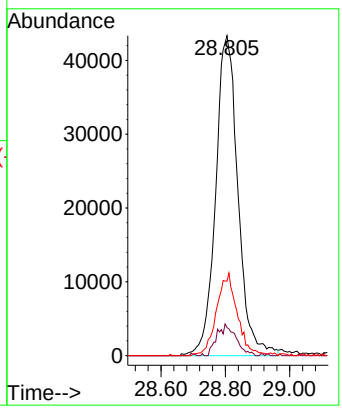





#91
Dibenzo(a,h)anthracene
Concen: 9.702 ng
RT: 28.805 min Scan# 4
Delta R.T. -0.015 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:278 Resp: 20896

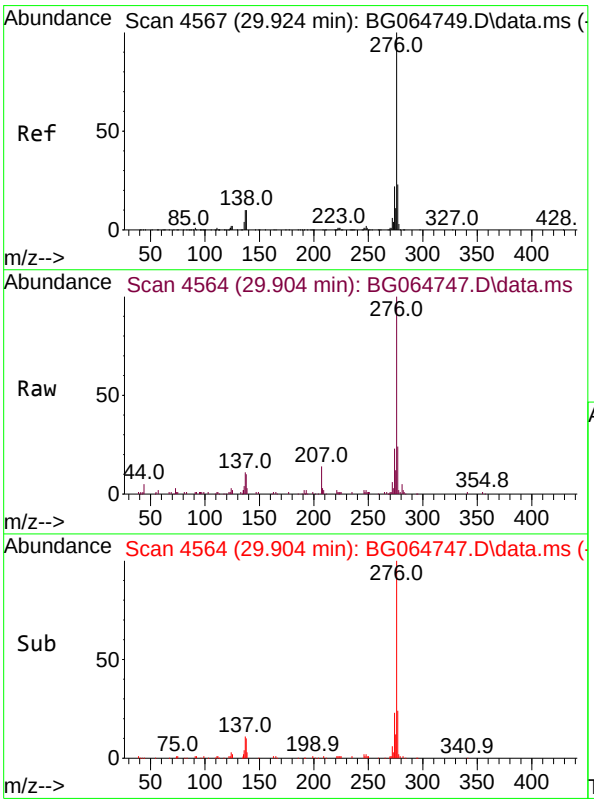
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.8 | 5.8 | 8.8# |
| 279 | 23.3 | 17.3 | 25.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC010

**Manual Integrations**
**APPROVED**

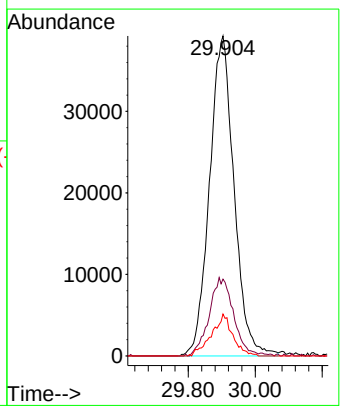
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025




#92
Benzo(g,h,i)perylene
Concen: 9.639 ng
RT: 29.904 min Scan# 4564
Delta R.T. -0.020 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:276 Resp: 199793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 18.0 | 27.0 |
| 138 | 13.1 | 8.2 | 12.2# |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064748.D
Acq On : 12 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 12 16:56:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.167 | 152 | 30983 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.982 | 136 | 122144 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.777 | 164 | 99587 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.504 | 188 | 258312 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.757 | 240 | 361266 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.018 | 264 | 380612 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.700 | 112 | 72167 | 40.674 | ng | 0.00 |
| 7) Phenol-d6 | 7.304 | 99 | 95345 | 40.402 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.325 | 82 | 100042 | 40.496 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.246 | 330 | 81708 | 42.069 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.408 | 172 | 300532 | 42.108 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.089 | 244 | 766056 | 41.712 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.532 | 88 | 13788 | 20.073 | ng | 95 |
| 3) Pyridine | 3.943 | 79 | 40729 | 19.901 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.849 | 42 | 20577 | 19.754 | ng | 100 |
| 6) Aniline | 7.480 | 93 | 65205 | 20.729 | ng | 96 |
| 8) 2-Chlorophenol | 7.727 | 128 | 39290 | 20.167 | ng | 97 |
| 9) Benzaldehyde | 7.292 | 77 | 30372 | 19.661 | ng | 96 |
| 10) Phenol | 7.333 | 94 | 51616 | 20.103 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.574 | 93 | 37916 | 20.752 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 8.056 | 146 | 46058 | 20.545 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 8.203 | 146 | 47387 | 20.759 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 8.526 | 146 | 44745 | 20.216 | ng | 96 |
| 15) Benzyl Alcohol | 8.397 | 79 | 38065 | 19.651 | ng | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.696 | 45 | 91675 | 21.198 | ng | 98 |
| 17) 2-Methylphenol | 8.596 | 107 | 37068 | 20.403 | ng | 93 |
| 18) Hexachloroethane | 9.266 | 117 | 17722 | 20.498 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.967 | 70 | 34572 | 21.667 | ng | 94 |
| 20) 3+4-Methylphenols | 8.925 | 107 | 50448 | 20.269 | ng | 88 |
| 22) Acetophenone | 8.984 | 105 | 70914 | 21.310 | ng | 99 |
| 24) Nitrobenzene | 9.366 | 77 | 52662 | 21.097 | ng | 93 |
| 25) Isophorone | 9.895 | 82 | 97191 | 20.659 | ng | 95 |
| 26) 2-Nitrophenol | 10.089 | 139 | 23040 | 20.521 | ng | 96 |
| 27) 2,4-Dimethylphenol | 10.136 | 122 | 41015 | 20.563 | ng | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.371 | 93 | 54247 | 21.004 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.623 | 162 | 44768 | 20.905 | ng | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.847 | 180 | 54086 | 20.916 | ng | 99 |
| 31) Naphthalene | 11.035 | 128 | 142862 | 20.633 | ng | 99 |
| 32) Benzoic acid | 10.218 | 122 | 20309m | 18.429 | ng | |
| 33) 4-Chloroaniline | 11.129 | 127 | 58239 | 21.026 | ng | 98 |
| 34) Hexachlorobutadiene | 11.323 | 225 | 45189 | 20.367 | ng | 98 |
| 35) Caprolactam | 11.875 | 113 | 12678 | 19.811 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 12.233 | 107 | 48730 | 20.444 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.627 | 142 | 110208 | 21.269 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.844 | 142 | 107491 | 20.884 | ng | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 12.991 | 216 | 80735 | 20.831 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.974 | 237 | 54509 | 19.622 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 13.214 | 196 | 46989 | 20.658 | ng | 99 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064748.D
Acq On : 12 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:56:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.291 | 196 | 54340 | 21.300 | ng | | 95 |
| 46) 1,1'-Biphenyl | 13.614 | 154 | 149187 | 20.857 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.661 | 162 | 116198 | 20.620 | ng | | 97 |
| 48) 2-Nitroaniline | 13.849 | 65 | 37146 | 20.495 | ng | | 97 |
| 49) Acenaphthylene | 14.501 | 152 | 198809 | 20.651 | ng | | 98 |
| 50) Dimethylphthalate | 14.219 | 163 | 164729 | 20.940 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.331 | 165 | 31143 | 20.573 | ng | | 96 |
| 52) Acenaphthene | 14.836 | 154 | 116463 | 20.176 | ng | | 97 |
| 53) 3-Nitroaniline | 14.666 | 138 | 29942 | 20.041 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.871 | 184 | 11387 | 18.387 | ng | | 94 |
| 55) Dibenzofuran | 15.171 | 168 | 198574 | 20.809 | ng | | 97 |
| 56) 4-Nitrophenol | 14.954 | 139 | 22343 | 18.849 | ng | # | 86 |
| 57) 2,4-Dinitrotoluene | 15.112 | 165 | 47500 | 20.931 | ng | | 98 |
| 58) Fluorene | 15.817 | 166 | 158837 | 21.222 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.388 | 232 | 51855 | 20.601 | ng | | 97 |
| 60) Diethylphthalate | 15.571 | 149 | 157815 | 20.942 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.806 | 204 | 93601 | 20.839 | ng | | 97 |
| 62) 4-Nitroaniline | 15.811 | 138 | 31639 | 20.442 | ng | | 90 |
| 63) Azobenzene | 16.093 | 77 | 130344 | 20.795 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.876 | 198 | 25607 | 17.855 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 16.011 | 169 | 140419 | 20.753 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.693 | 248 | 69609 | 20.520 | ng | | 98 |
| 68) Hexachlorobenzene | 16.816 | 284 | 84192 | 20.485 | ng | | 98 |
| 69) Atrazine | 16.945 | 200 | 66348 | 20.339 | ng | | 97 |
| 70) Pentachlorophenol | 17.157 | 266 | 35678 | 19.686 | ng | | 99 |
| 71) Phenanthrene | 17.545 | 178 | 290163 | 20.531 | ng | | 100 |
| 72) Anthracene | 17.639 | 178 | 297476 | 20.642 | ng | | 100 |
| 73) Carbazole | 17.897 | 167 | 253683 | 20.477 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.450 | 149 | 285465 | 20.654 | ng | | 98 |
| 75) Fluoranthene | 19.542 | 202 | 395447 | 20.462 | ng | | 98 |
| 77) Benzidine | 19.707 | 184 | 228040 | 21.077 | ng | | 99 |
| 78) Pyrene | 19.901 | 202 | 413710 | 20.433 | ng | | 97 |
| 80) Butylbenzylphthalate | 20.770 | 149 | 145343 | 20.408 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.734 | 228 | 503863 | 20.512 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.640 | 252 | 186980 | 20.680 | ng | | 99 |
| 83) Chrysene | 21.804 | 228 | 470111 | 20.299 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.640 | 149 | 216073 | 20.763 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.862 | 149 | 370539 | 20.598 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.737 | 276 | 528109 | 20.196 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.978 | 252 | 494588 | 20.419 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.049 | 252 | 502781 | 20.661 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.860 | 252 | 455638 | 20.279 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 28.808 | 278 | 429357 | 20.043 | ng | | 93 |
| 92) Benzo(g,h,i)perylene | 29.901 | 276 | 415387 | 20.148 | ng | | 99 |

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

ICAL Form

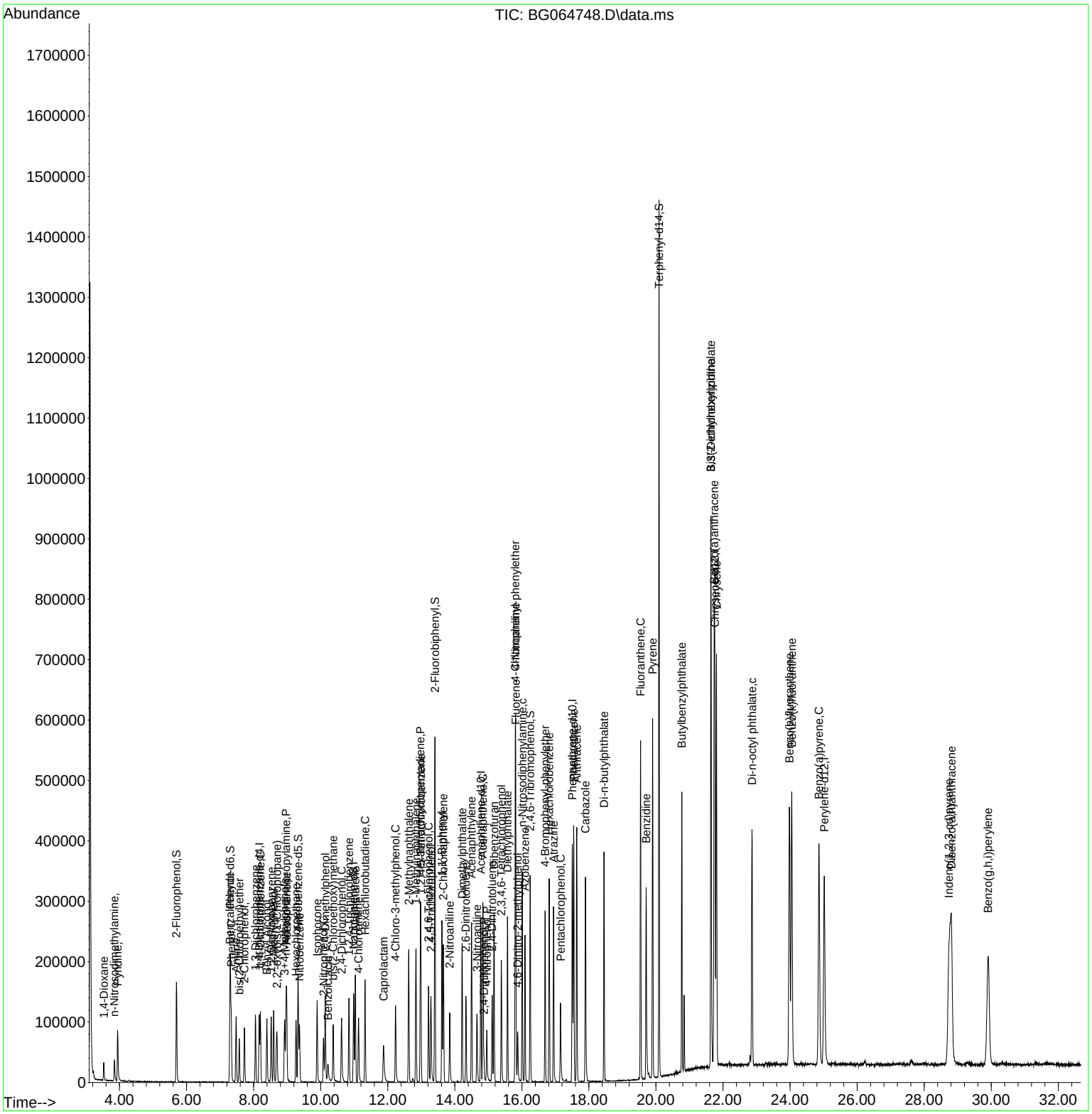
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064748.D
Acq On : 12 Nov 2025 13:20
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

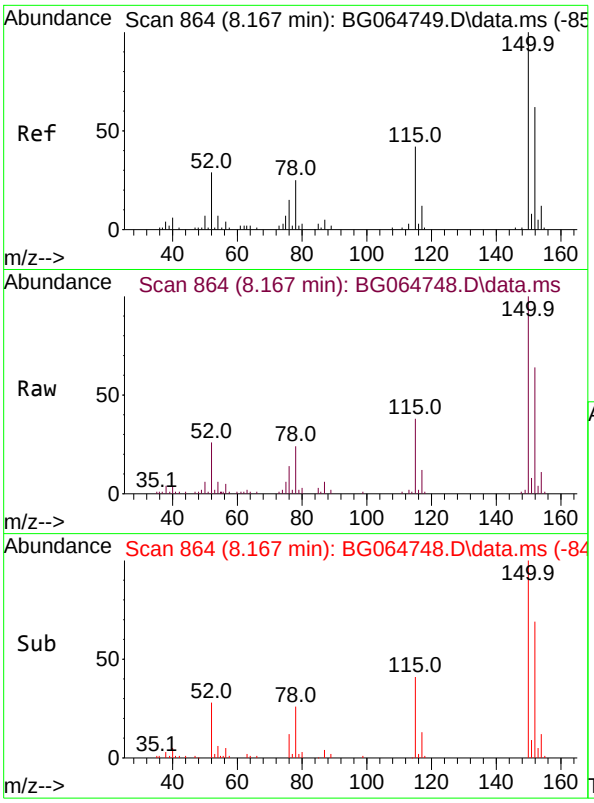
Quant Time: Nov 12 16:56:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

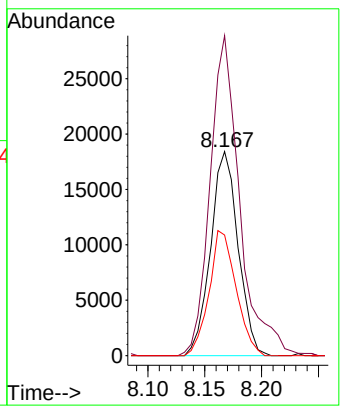





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.167 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:152 Resp: 3098

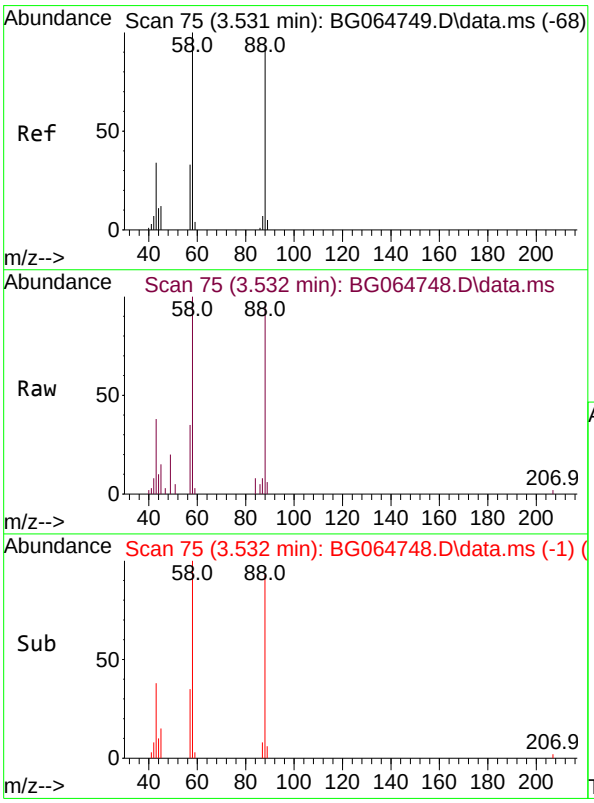
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.8 | 129.2 | 193.8 |
| 115 | 59.1 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

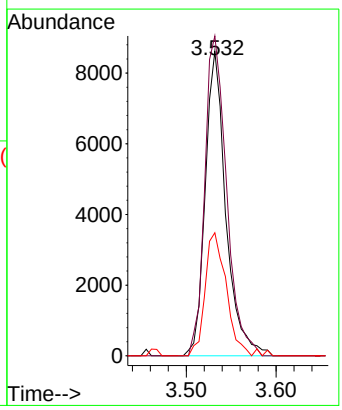
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

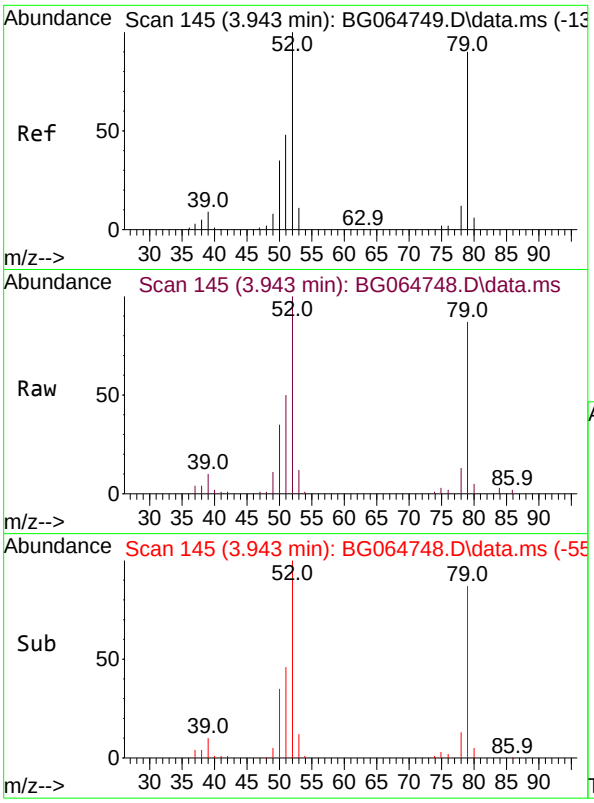



#2
1,4-Dioxane
Concen: 20.073 ng
RT: 3.532 min Scan# 75
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 88 Resp: 13788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 110.7 | 84.6 | 126.8 |
| 43 | 41.3 | 30.0 | 45.0 |

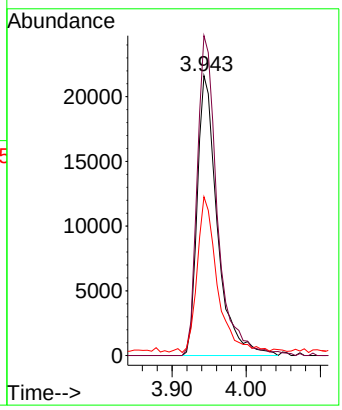





#3
Pyridine
Concen: 19.901 ng
RT: 3.943 min Scan# 14
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 79 Resp: 4072

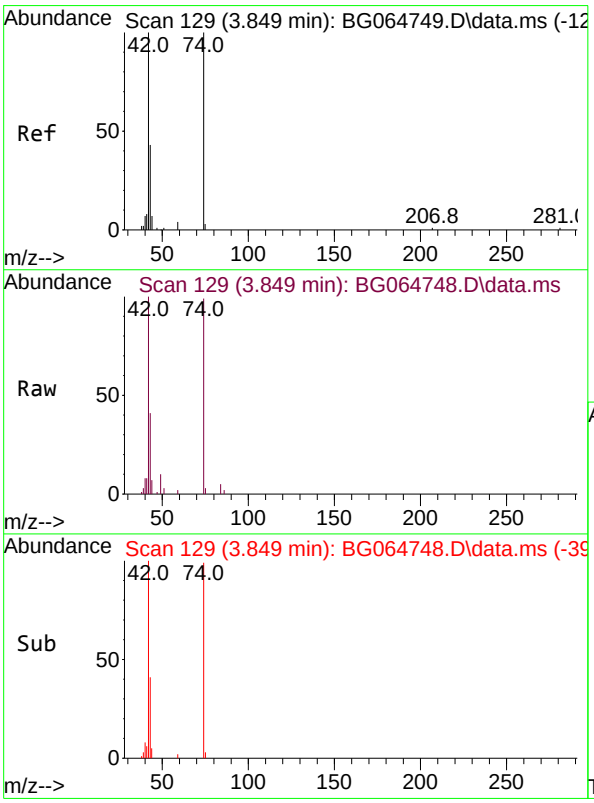
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 114.3 | 89.0 | 133.4 |
| 51 | 56.7 | 43.4 | 65.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

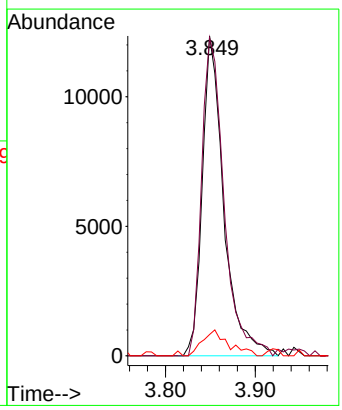
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

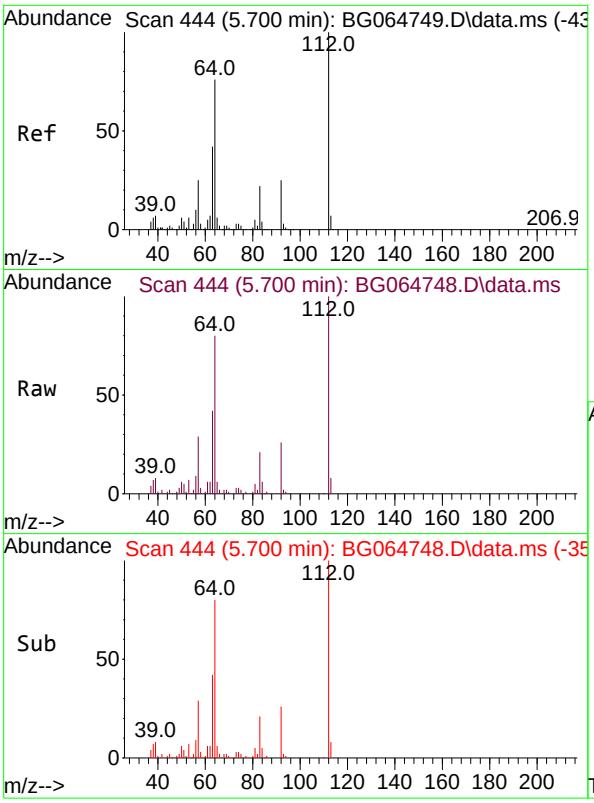



#4
n-Nitrosodimethylamine
Concen: 19.754 ng
RT: 3.849 min Scan# 129
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 42 Resp: 20577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 99.5 | 79.8 | 119.6 |
| 44 | 6.7 | 5.9 | 8.9 |






#5
2-Fluorophenol
Concen: 40.674 ng
RT: 5.700 min Scan# 44
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

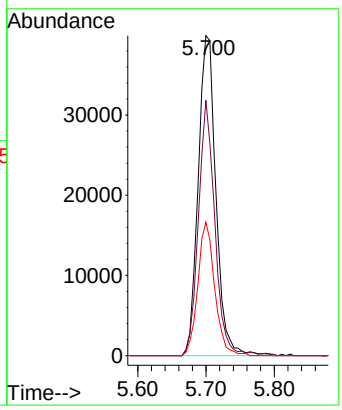
Tgt Ion:112 Resp: 7216

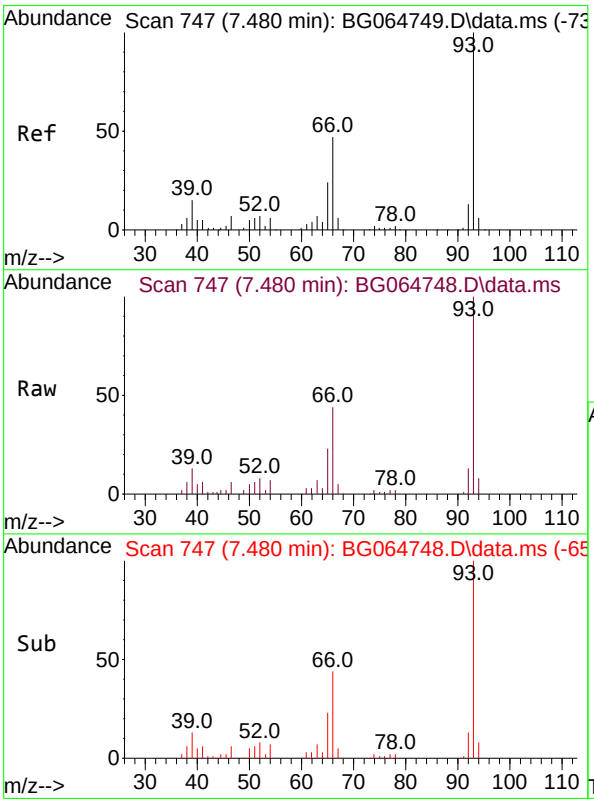
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 79.8 | 61.0 | 91.4 |
| 63 | 41.7 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

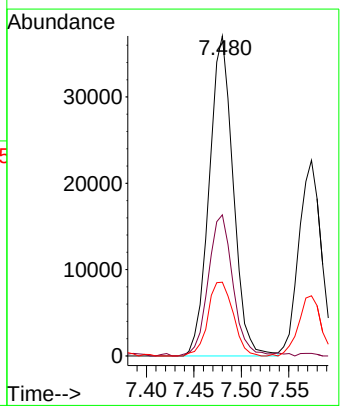


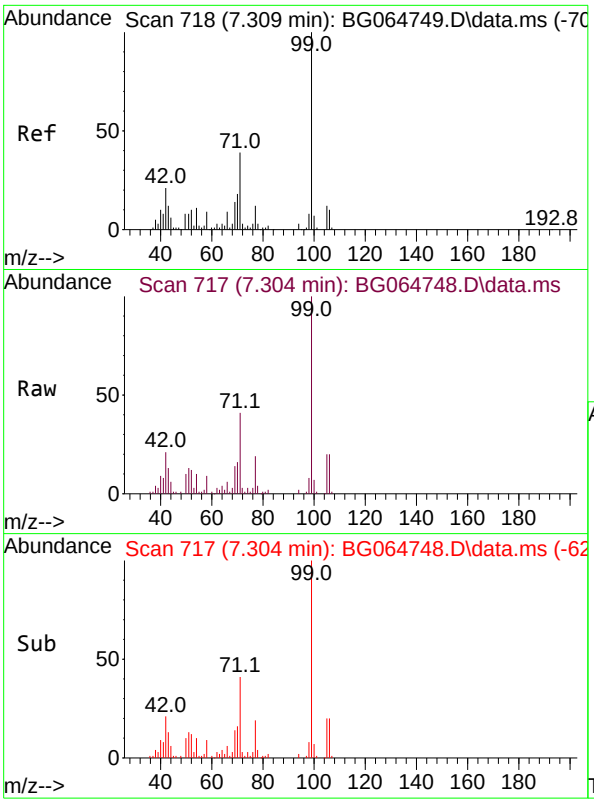




#6
Aniline
Concen: 20.729 ng
RT: 7.480 min Scan# 747
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 93 Resp: 65205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.1 | 37.7 | 56.5 |
| 65 | 23.0 | 19.1 | 28.7 |

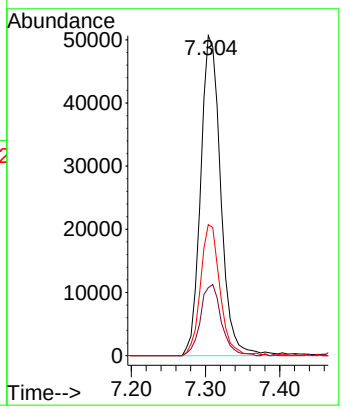





#7
Phenol-d6
Concen: 40.402 ng
RT: 7.304 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 99 Resp: 9534

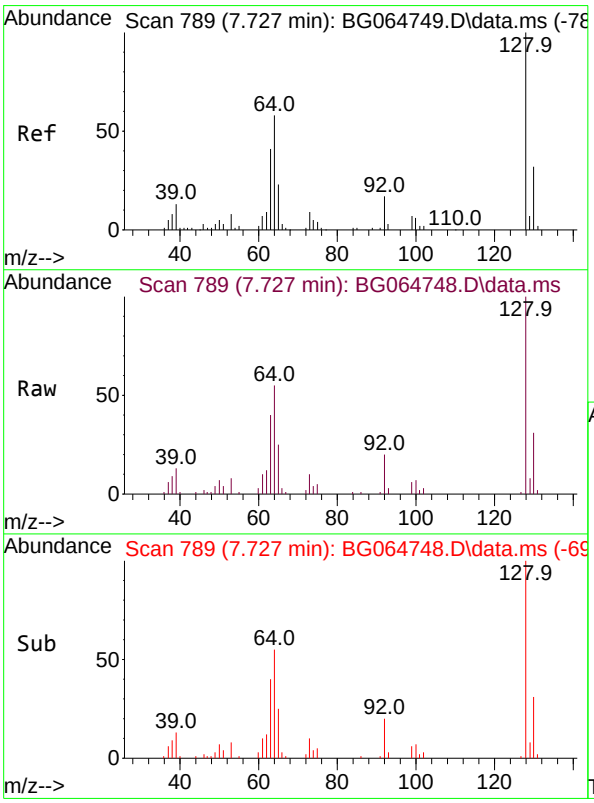
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.2 | 16.8 | 25.2 |
| 71 | 40.9 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

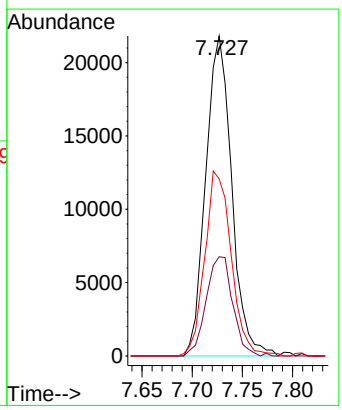
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

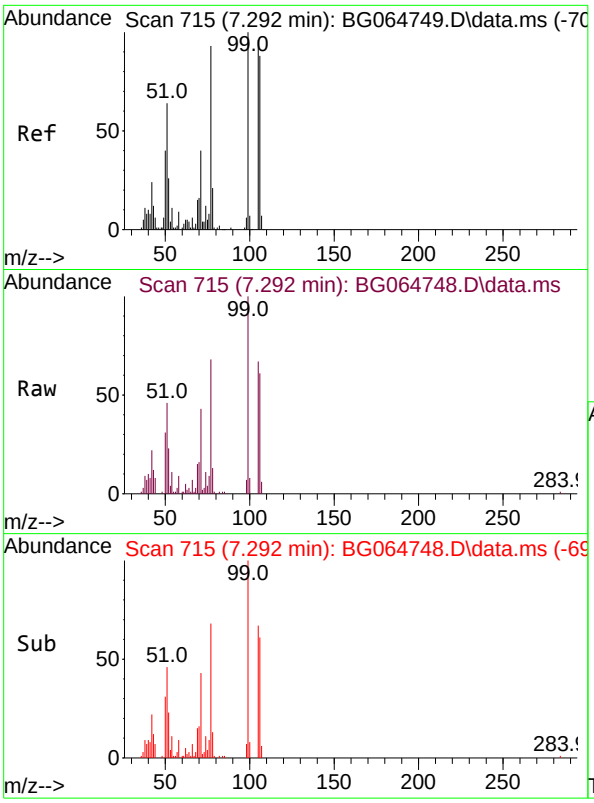



#8
2-Chlorophenol
Concen: 20.167 ng
RT: 7.727 min Scan# 789
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:128 Resp: 39290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.0 | 11.9 | 51.9 |
| 64 | 55.3 | 38.4 | 78.4 |

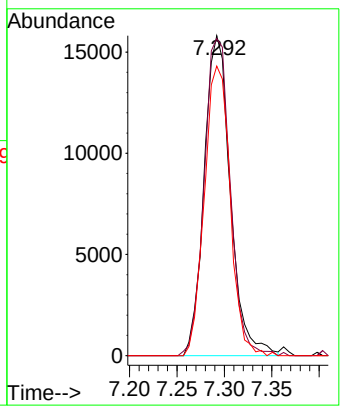





#9
Benzaldehyde
Concen: 19.661 ng
RT: 7.292 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 77 Resp: 3037

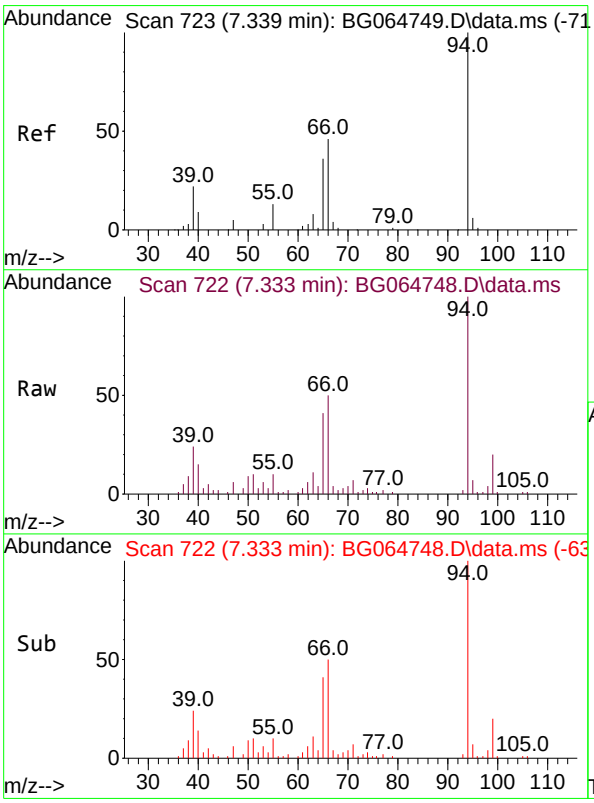
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.1 | 83.8 | 123.8 |
| 106 | 90.5 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

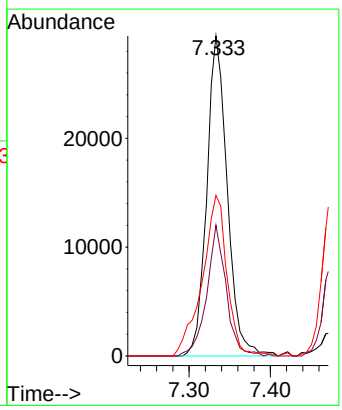
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

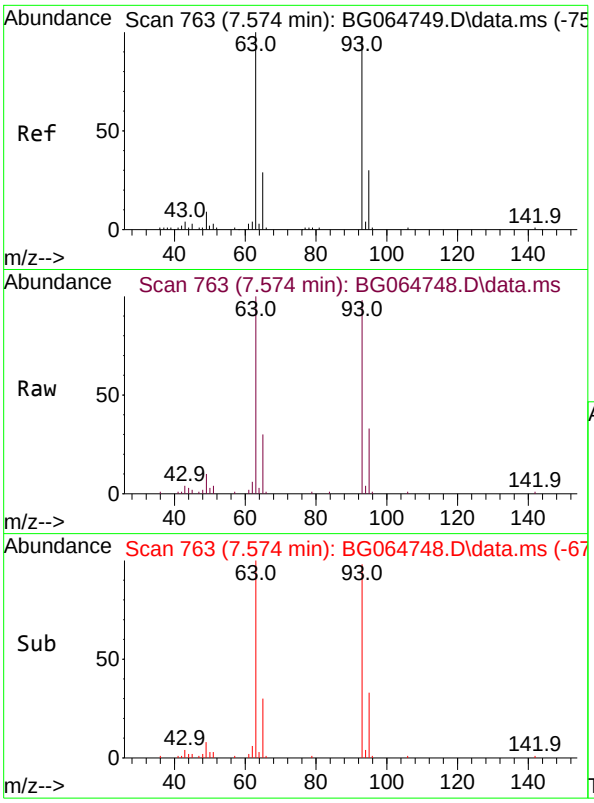



#10
Phenol
Concen: 20.103 ng
RT: 7.333 min Scan# 722
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 94 Resp: 51616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 40.8 | 17.0 | 57.0 |
| 66 | 50.1 | 29.8 | 69.8 |

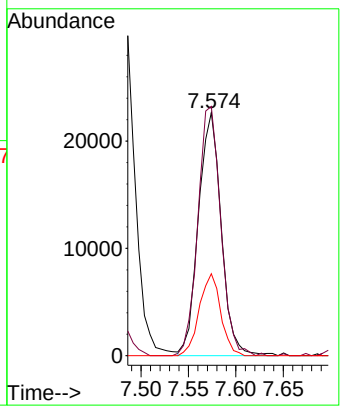





#11
bis(2-Chloroethyl)ether
Concen: 20.752 ng
RT: 7.574 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 93 Resp: 3791

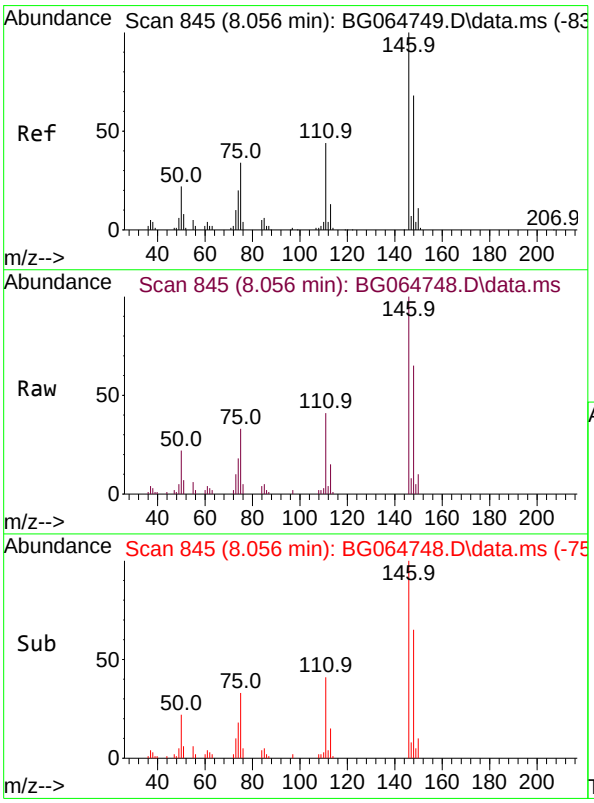
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 102.5 | 81.8 | 121.8 |
| 95 | 33.7 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

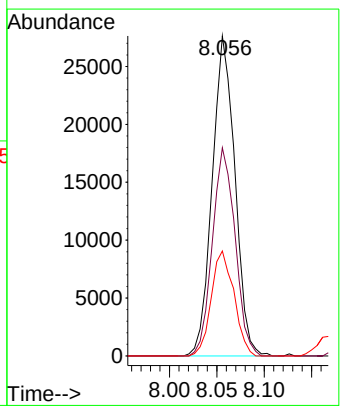
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

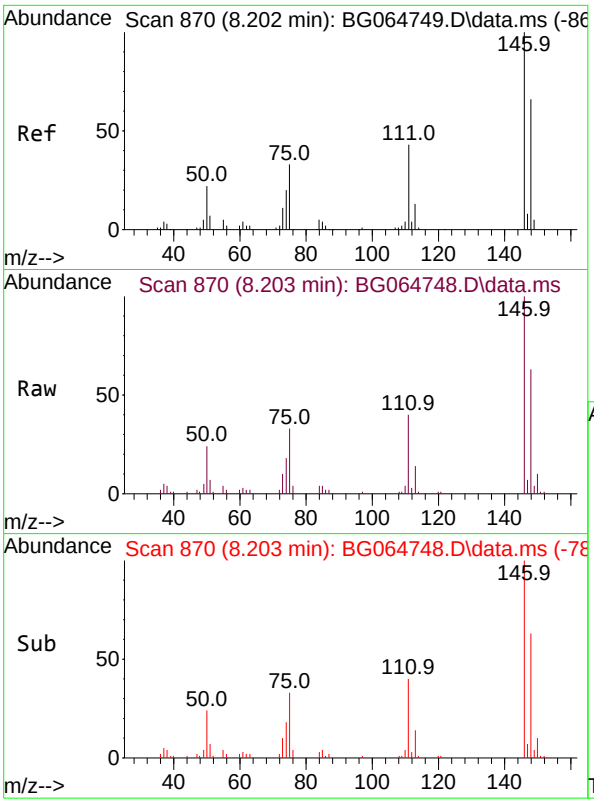



#12
1,3-Dichlorobenzene
Concen: 20.545 ng
RT: 8.056 min Scan# 845
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:146 Resp: 46058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 54.6 | 82.0 |
| 75 | 32.8 | 27.6 | 41.4 |

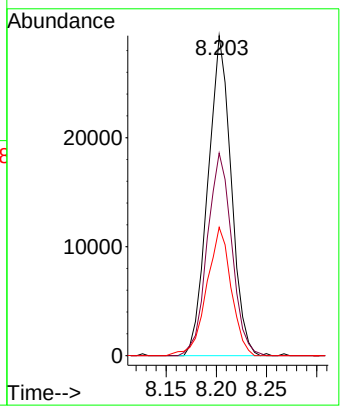





#13
1,4-Dichlorobenzene
Concen: 20.759 ng
RT: 8.203 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:146 Resp: 4738

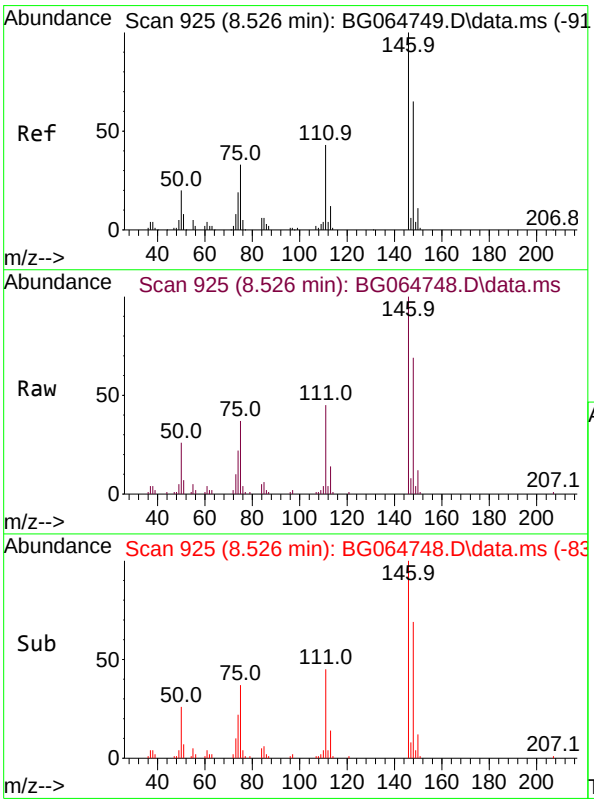
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 53.1 | 79.7 |
| 111 | 40.1 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

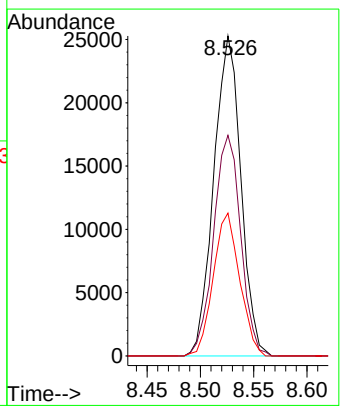
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

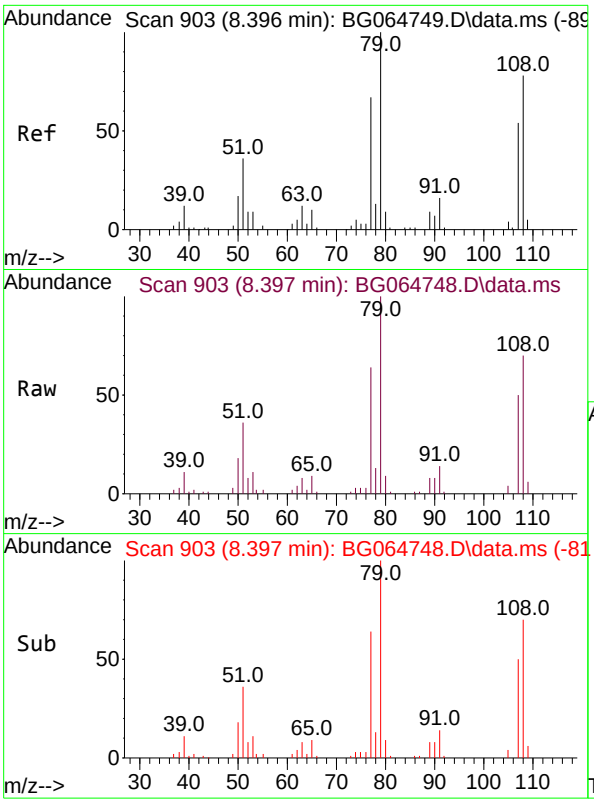



#14
1,2-Dichlorobenzene
Concen: 20.216 ng
RT: 8.526 min Scan# 925
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:146 Resp: 44745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.9 | 52.0 | 78.0 |
| 111 | 44.6 | 34.7 | 52.1 |

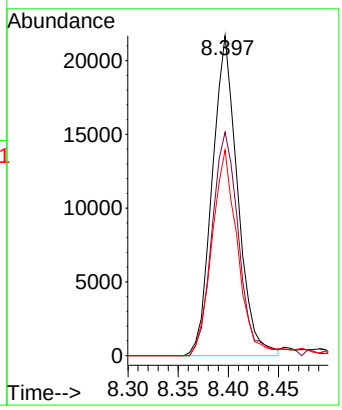





#15
Benzyl Alcohol
Concen: 19.651 ng
RT: 8.397 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 79 Resp: 3806

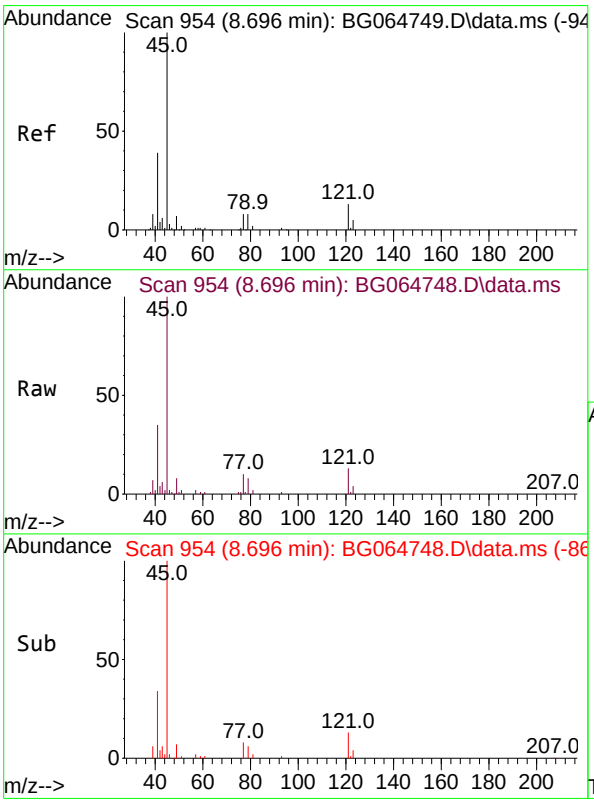
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.8 | 62.3 | 93.5 |
| 77 | 64.3 | 53.5 | 80.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

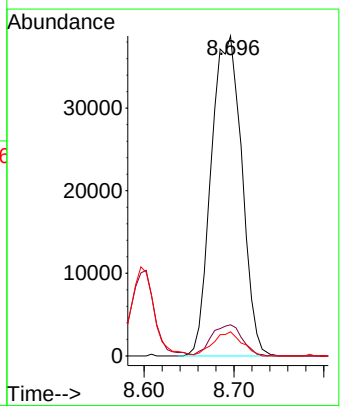
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

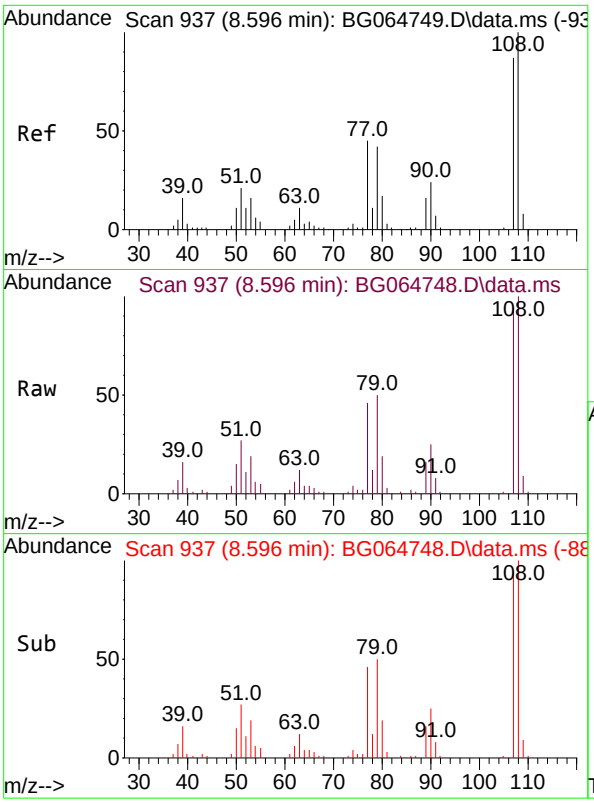



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.198 ng
RT: 8.696 min Scan# 954
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 45 Resp: 91675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.7 | 0.0 | 28.8 |
| 79 | 7.5 | 0.0 | 28.1 |

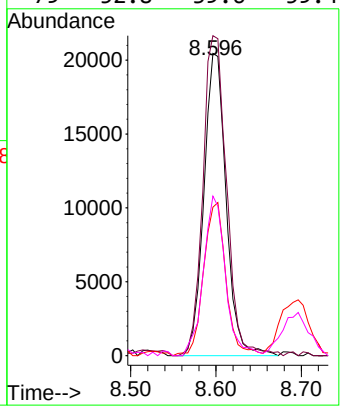





#17
2-Methylphenol
Concen: 20.403 ng
RT: 8.596 min Scan# 9
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:107 Resp: 3706

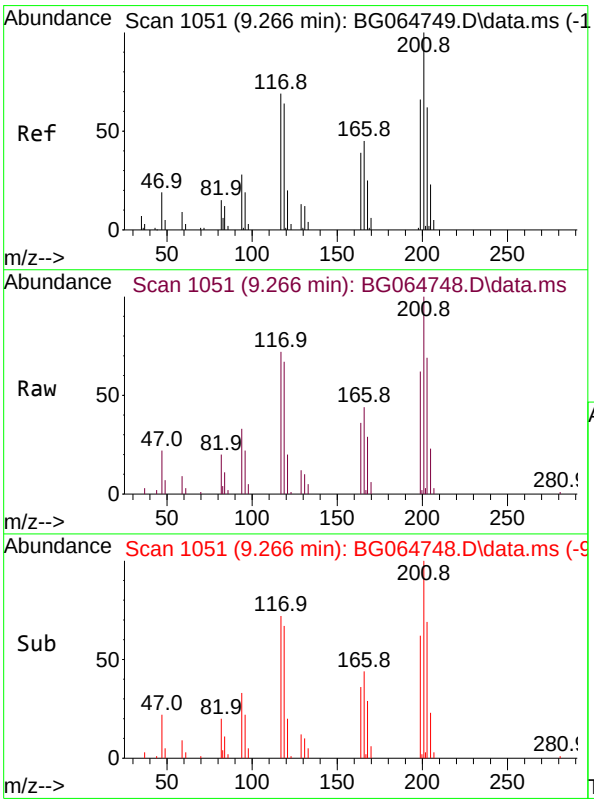
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 105.9 | 92.6 | 138.8 |
| 77 | 49.1 | 41.2 | 61.8 |
| 79 | 52.8 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

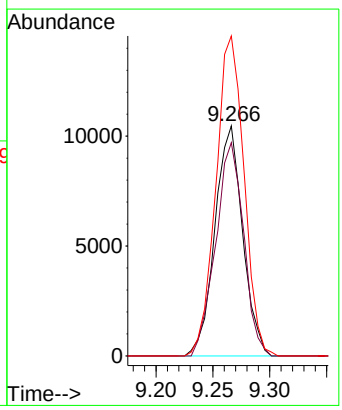
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

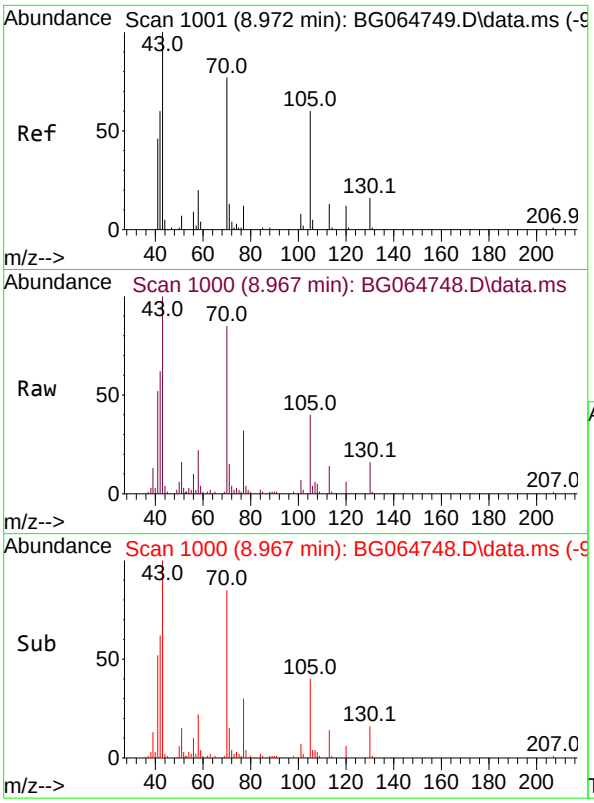



#18
Hexachloroethane
Concen: 20.498 ng
RT: 9.266 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:117 Resp: 17722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.6 | 74.4 | 111.6 |
| 201 | 139.1 | 116.5 | 174.7 |

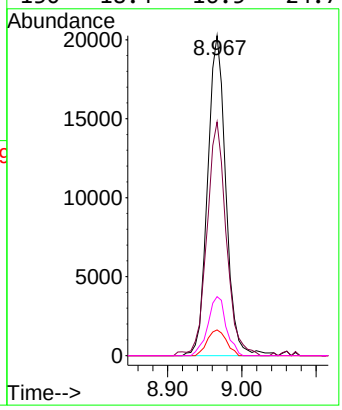





#19
n-Nitroso-di-n-propylamine
Concen: 21.667 ng
RT: 8.967 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 70 Resp: 3457

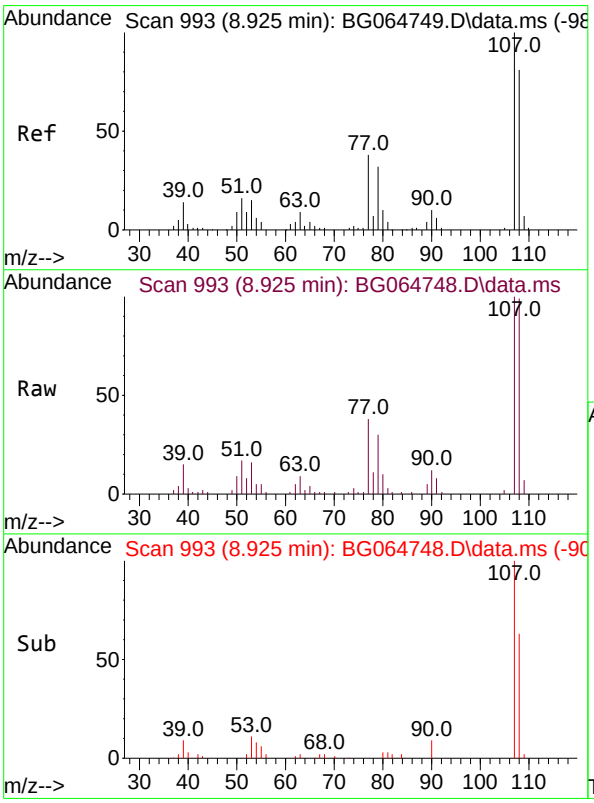
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 73.0 | 62.6 | 93.8 |
| 101 | 8.0 | 8.0 | 12.0 |
| 130 | 18.4 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

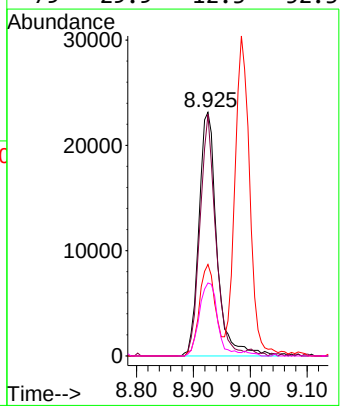
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

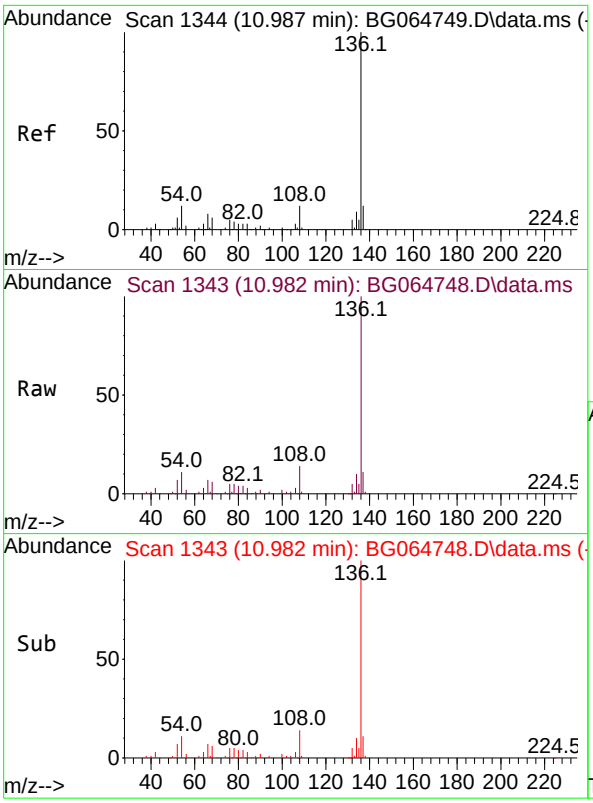



#20
3+4-Methylphenols
Concen: 20.269 ng
RT: 8.925 min Scan# 993
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:107 Resp: 50448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 99.2 | 61.0 | 101.0 |
| 77 | 37.5 | 17.6 | 57.6 |
| 79 | 29.9 | 12.3 | 52.3 |

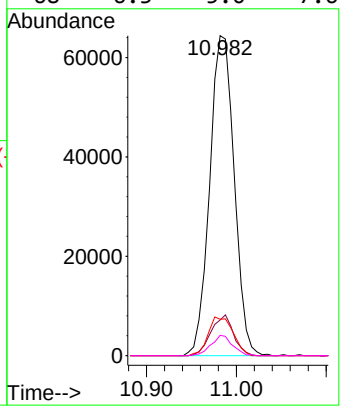





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:136 Resp: 12214

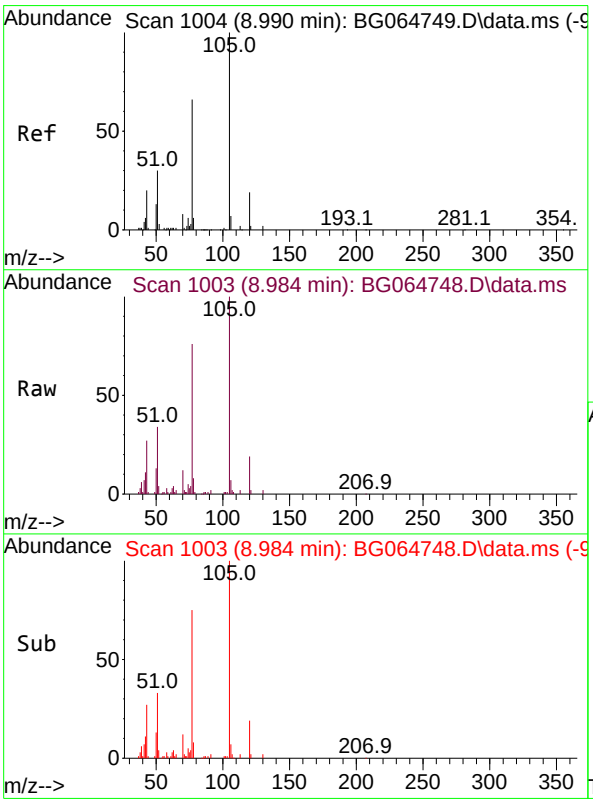
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.3 | 13.9 |
| 54 | 11.4 | 9.3 | 13.9 |
| 68 | 6.3 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

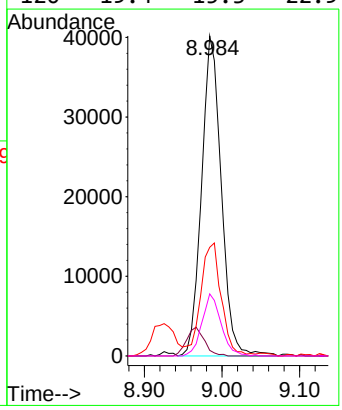
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

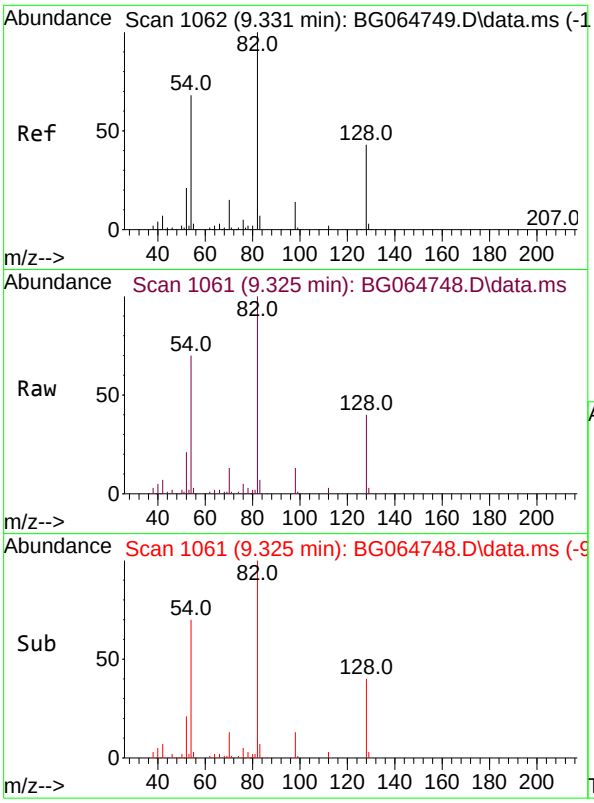



#22
Acetophenone
Concen: 21.310 ng
RT: 8.984 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:105 Resp: 70914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.7 | 1.3 | 1.9 |
| 51 | 33.9 | 27.9 | 41.9 |
| 120 | 19.4 | 15.3 | 22.9 |

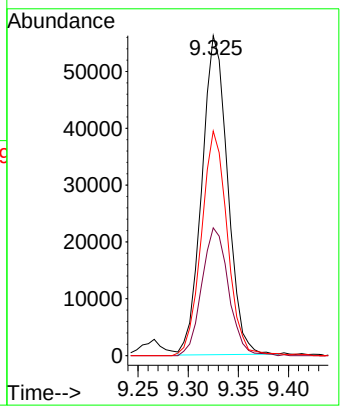





#23
Nitrobenzene-d5
Concen: 40.496 ng
RT: 9.325 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 82 Resp: 10004

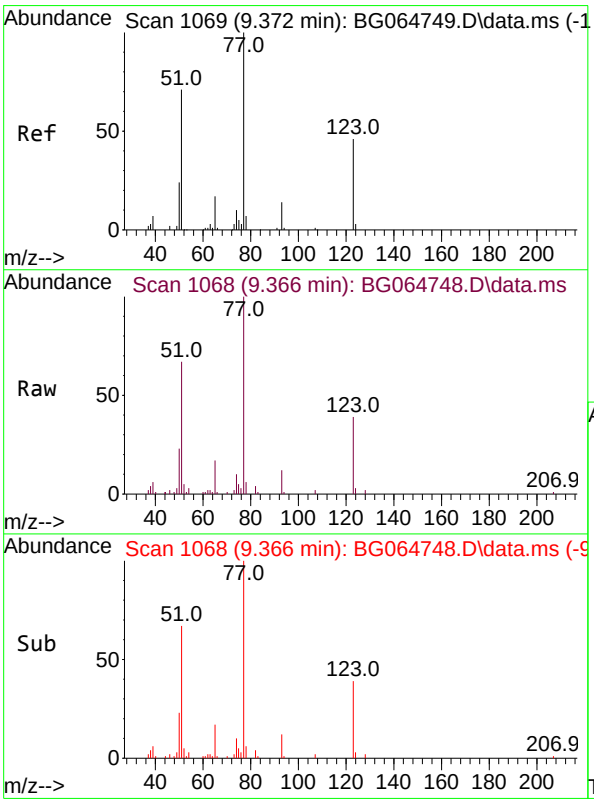
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.9 | 34.1 | 51.1 |
| 54 | 70.2 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

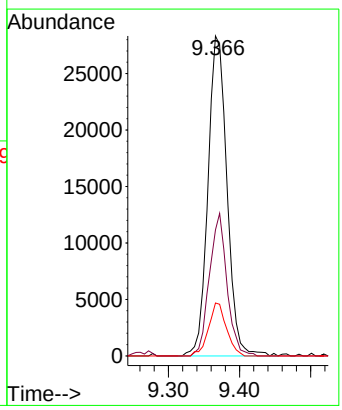
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

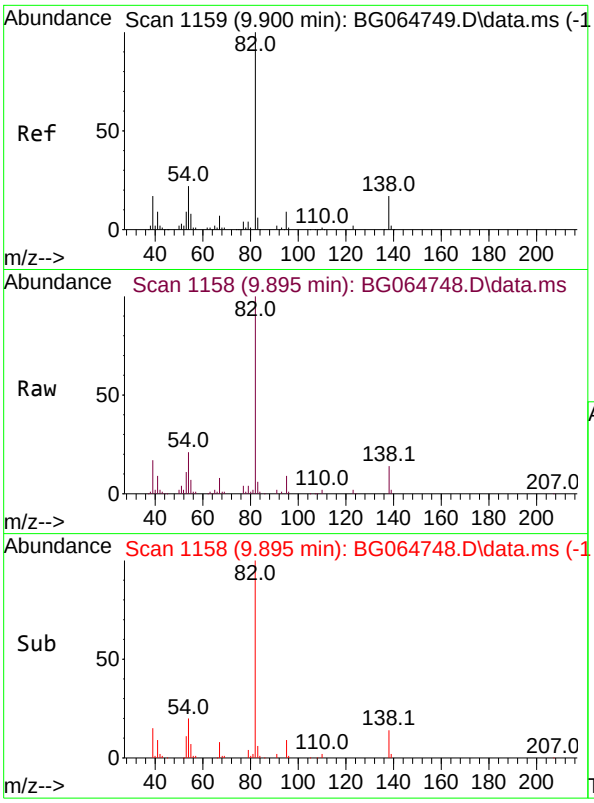



#24
Nitrobenzene
Concen: 21.097 ng
RT: 9.366 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 77 Resp: 52662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 39.4 | 36.5 | 54.7 |
| 65 | 16.5 | 13.5 | 20.3 |

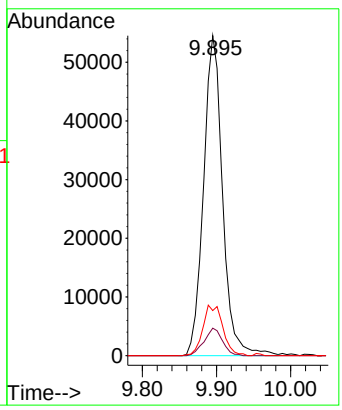





#25
Isophorone
Concen: 20.659 ng
RT: 9.895 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 82 Resp: 9719

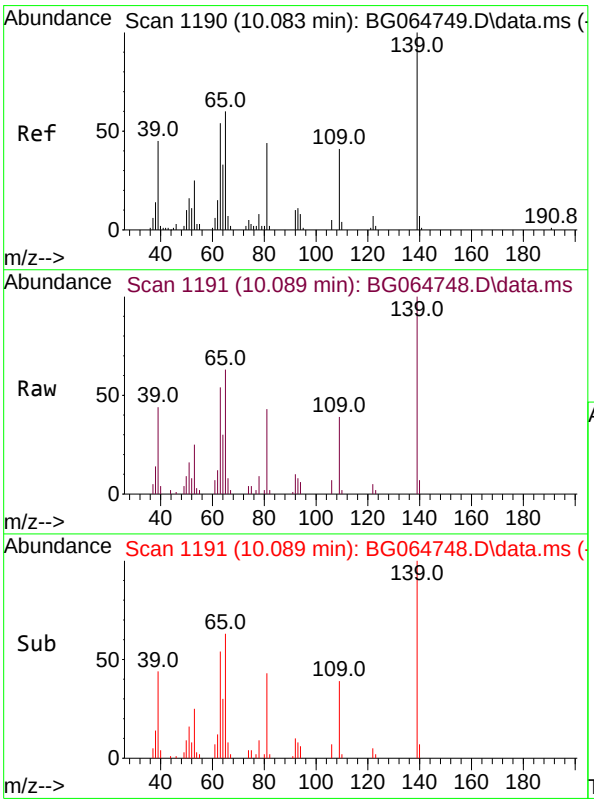
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.6 | 6.9 | 10.3 |
| 138 | 14.1 | 13.9 | 20.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

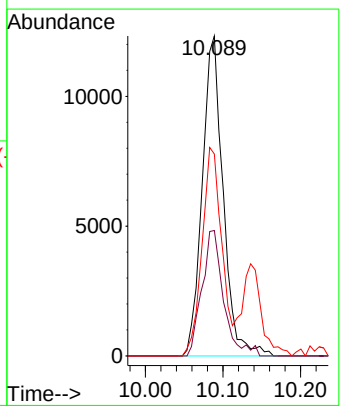
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

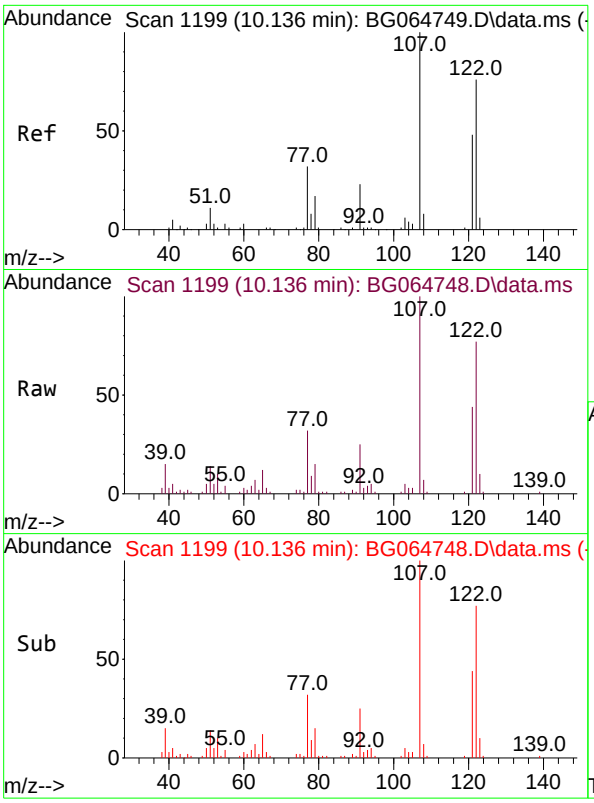



#26
2-Nitrophenol
Concen: 20.521 ng
RT: 10.089 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:139 Resp: 23040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 39.2 | 32.5 | 48.7 |
| 65 | 63.1 | 47.6 | 71.4 |

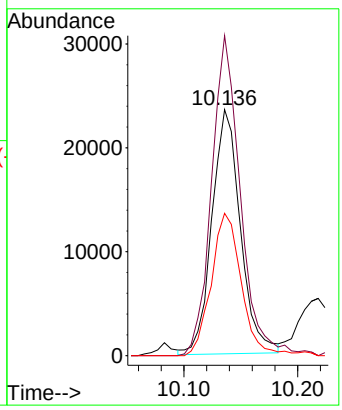





#27
2,4-Dimethylphenol
Concen: 20.563 ng
RT: 10.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:122 Resp: 4101

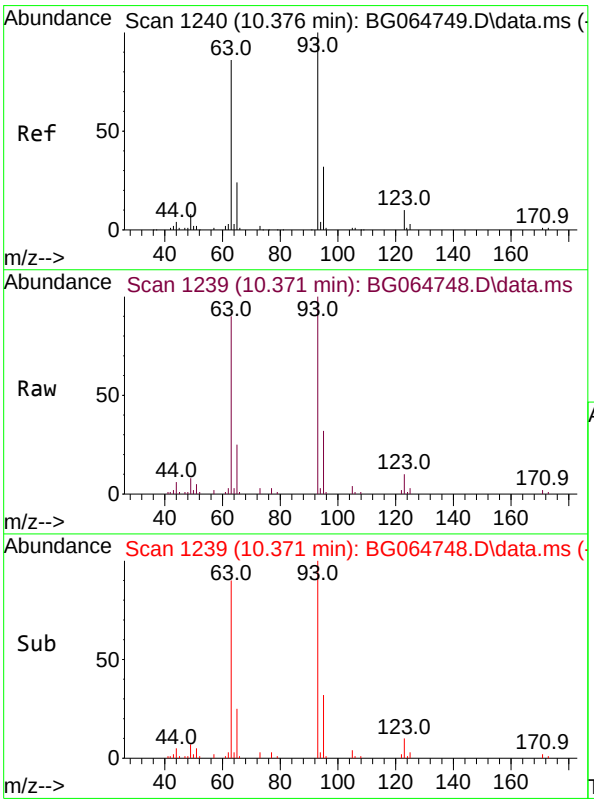
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 130.1 | 102.5 | 153.7 |
| 121 | 57.9 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

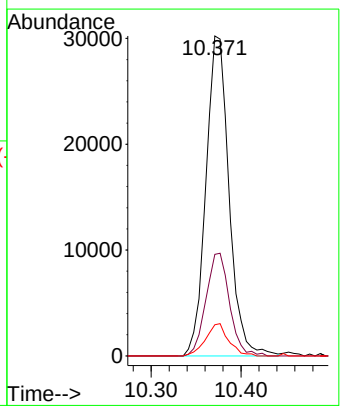
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

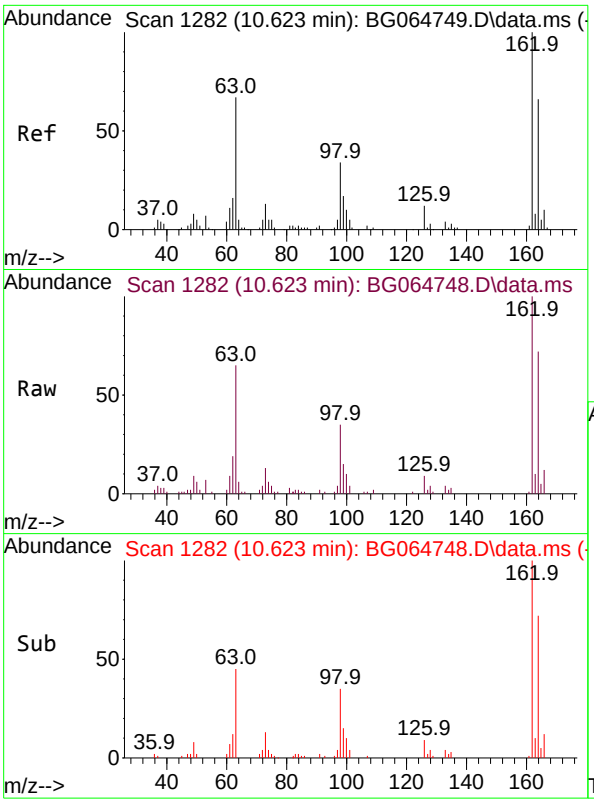



#28
bis(2-Chloroethoxy)methane
Concen: 21.004 ng
RT: 10.371 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 93 Resp: 54247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.7 | 25.4 | 38.2 |
| 123 | 9.7 | 8.1 | 12.1 |

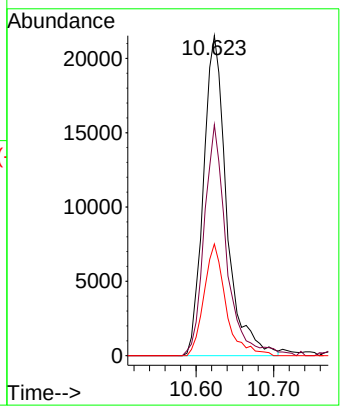





#29
2,4-Dichlorophenol
Concen: 20.905 ng
RT: 10.623 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:162 Resp: 4476

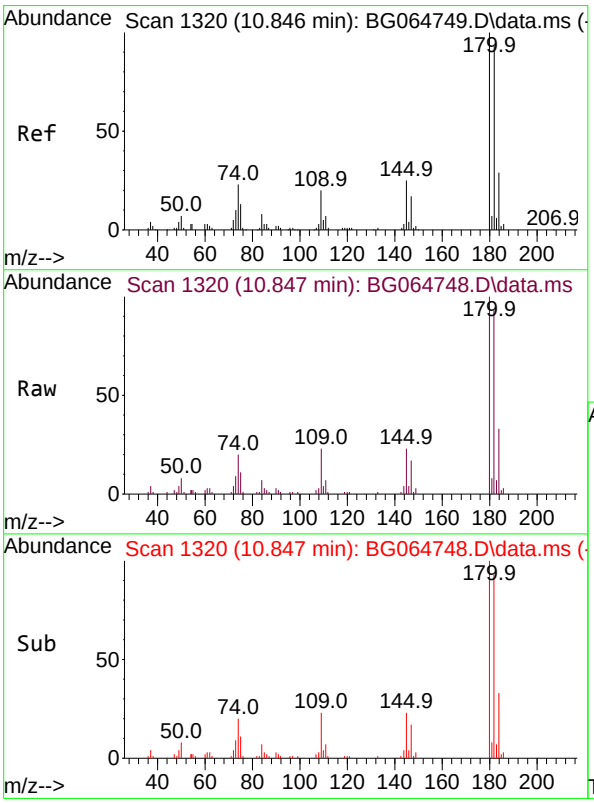
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 72.1 | 46.0 | 86.0 |
| 98 | 34.9 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

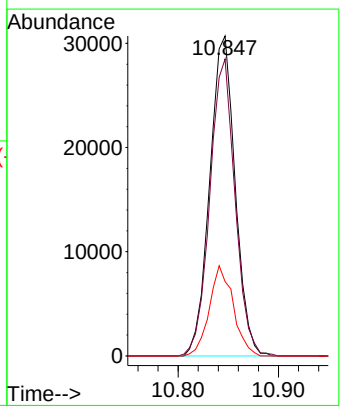
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

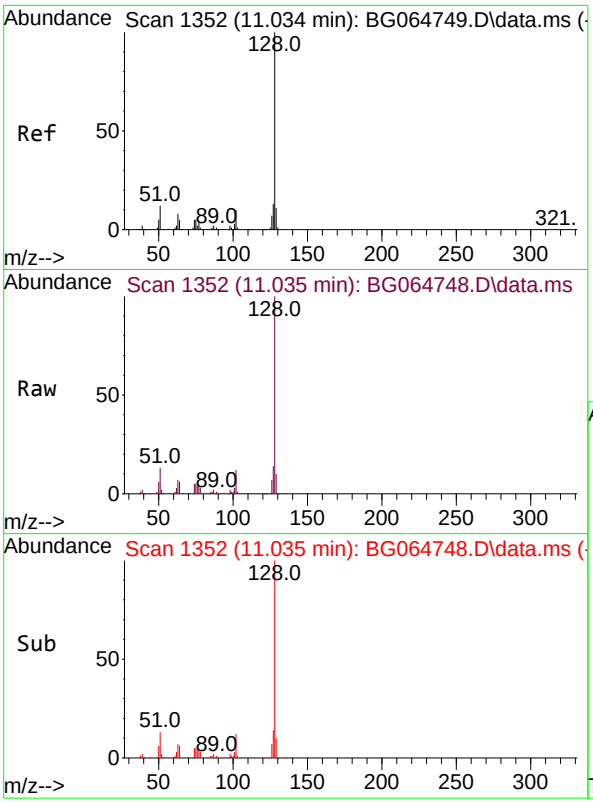



#30
1,2,4-Trichlorobenzene
Concen: 20.916 ng
RT: 10.847 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:180 Resp: 54086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.8 | 74.2 | 111.4 |
| 145 | 23.2 | 20.0 | 30.0 |

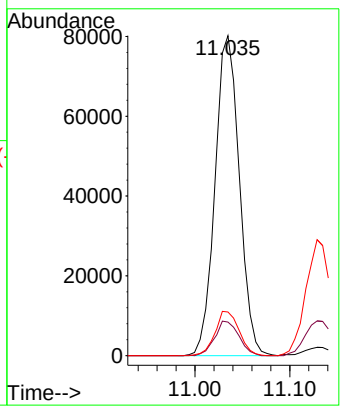





#31
Naphthalene
Concen: 20.633 ng
RT: 11.035 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:128 Resp: 14286

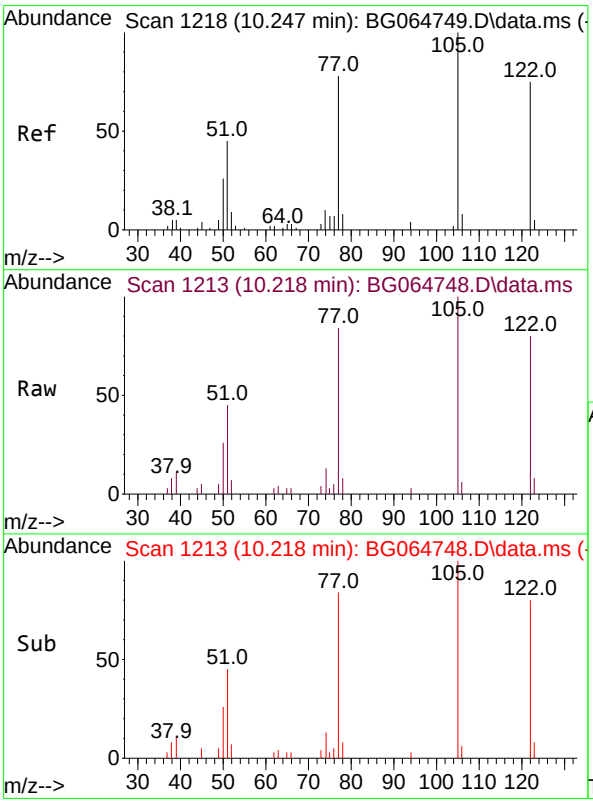
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.5 | 8.6 | 12.8 |
| 127 | 13.6 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

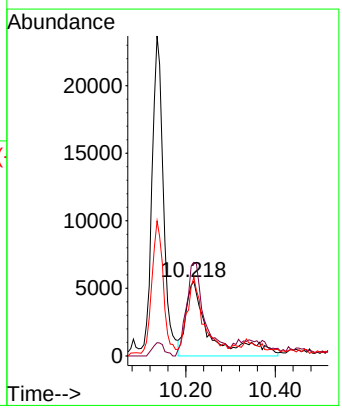
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

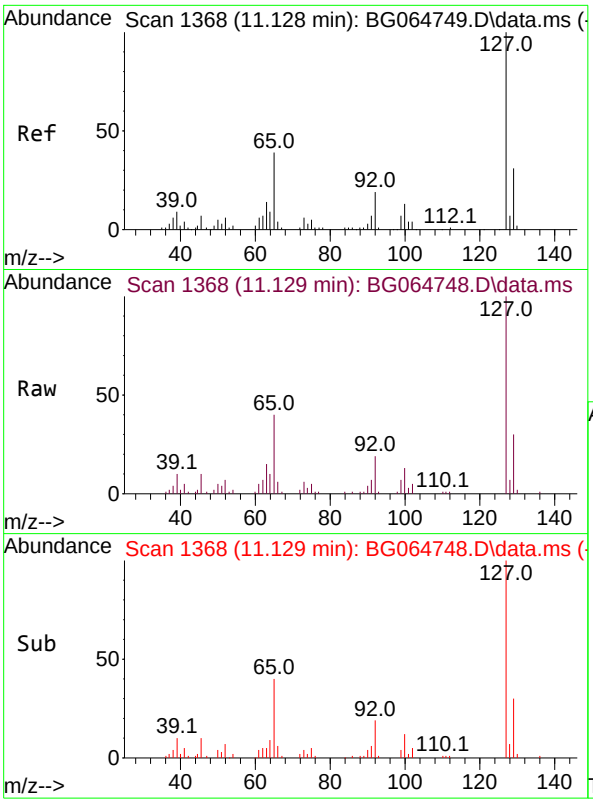



#32
Benzoic acid
Concen: 18.429 ng m
RT: 10.218 min Scan# 1213
Delta R.T. -0.029 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:122 Resp: 20309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.8 | 107.6 | 147.6 |
| 77 | 105.8 | 82.5 | 122.5 |

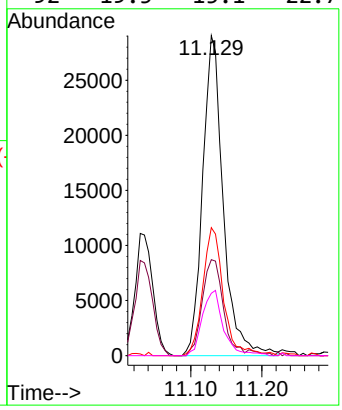





#33
4-Chloroaniline
Concen: 21.026 ng
RT: 11.129 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:127 Resp: 5823

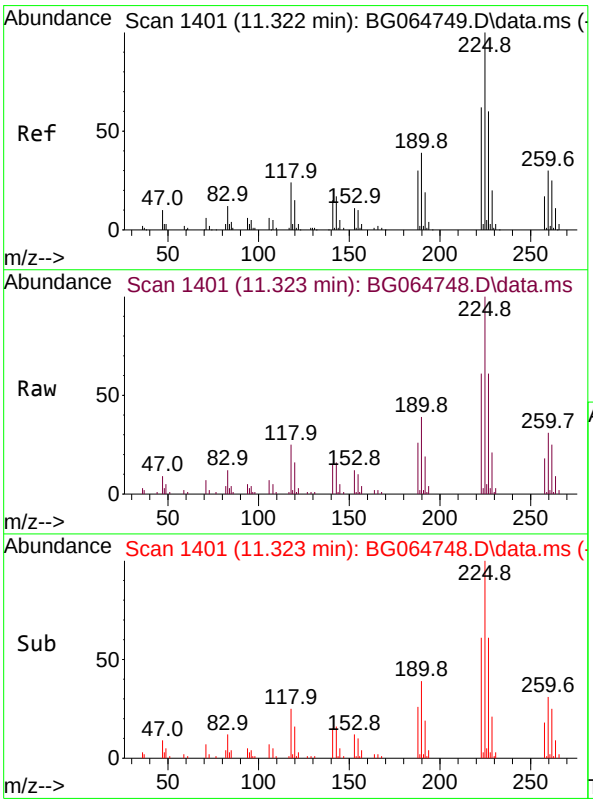
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.0 | 24.9 | 37.3 |
| 65 | 40.0 | 30.9 | 46.3 |
| 92 | 19.5 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

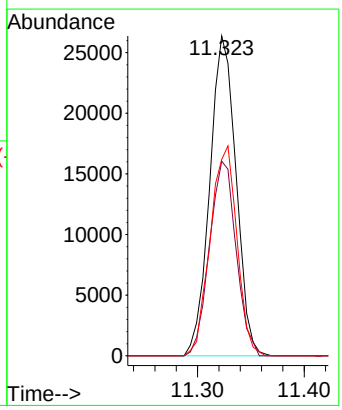
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

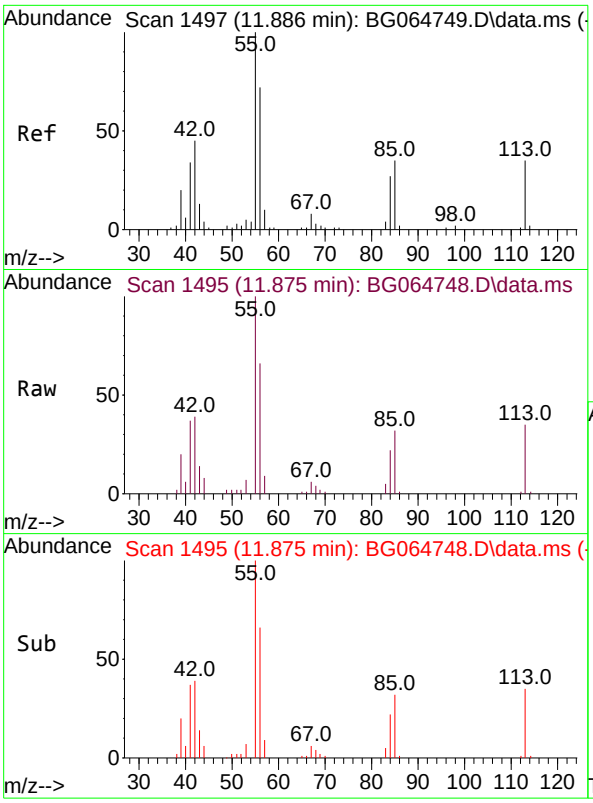



#34
Hexachlorobutadiene
Concen: 20.367 ng
RT: 11.323 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:225 Resp: 45189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.8 | 49.9 | 74.9 |
| 227 | 64.8 | 50.6 | 75.8 |






#35
Caprolactam
Concen: 19.811 ng
RT: 11.875 min Scan# 14
Delta R.T. -0.012 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

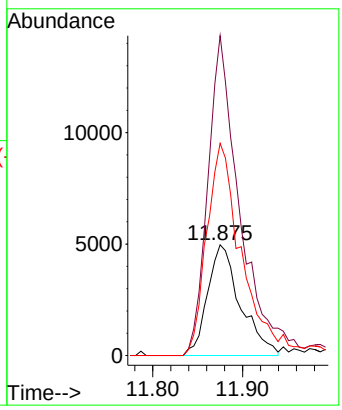
Tgt Ion:113 Resp: 1267

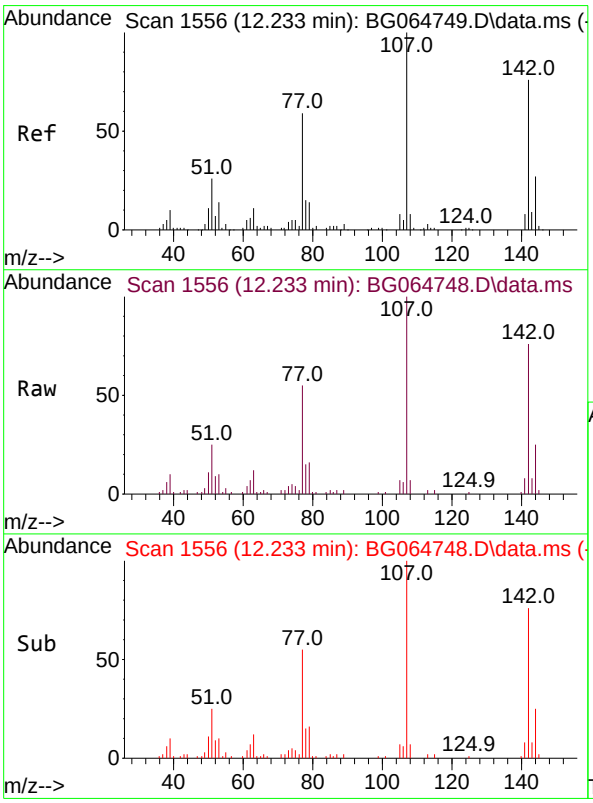
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 288.8 | 263.7 | 303.7 |
| 56 | 191.5 | 184.0 | 224.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

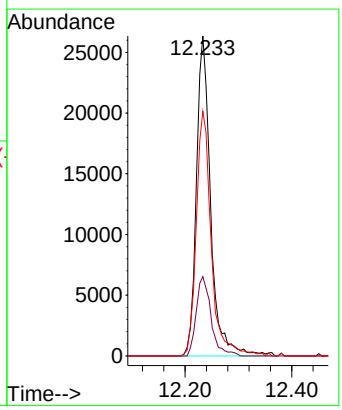


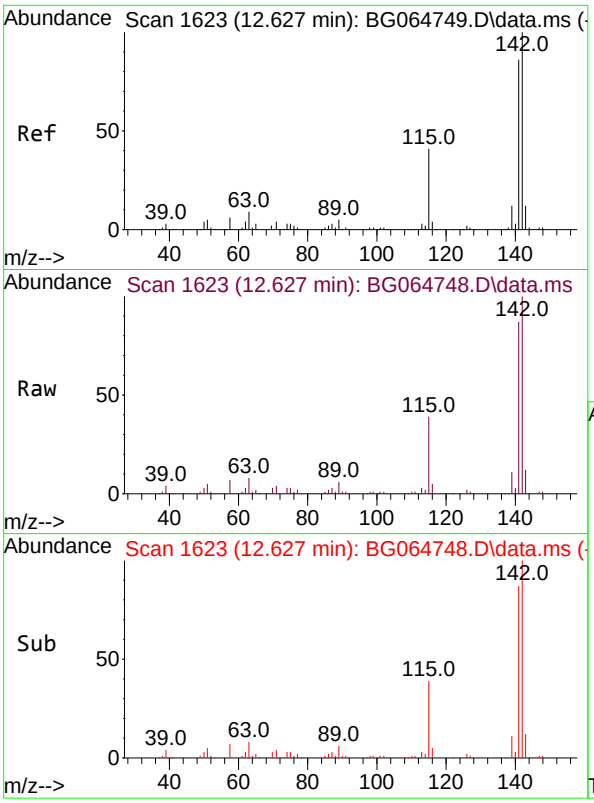




#36
4-Chloro-3-methylphenol
Concen: 20.444 ng
RT: 12.233 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:107 Resp: 48730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.8 | 21.7 | 32.5 |
| 142 | 76.4 | 60.8 | 91.2 |

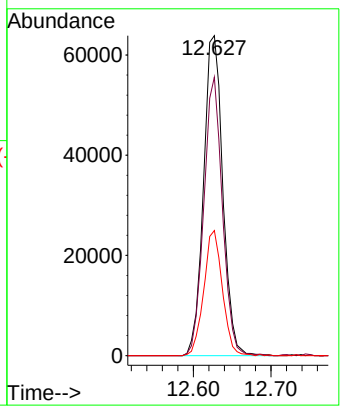





#37
2-Methylnaphthalene
Concen: 21.269 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:142 Resp: 11020

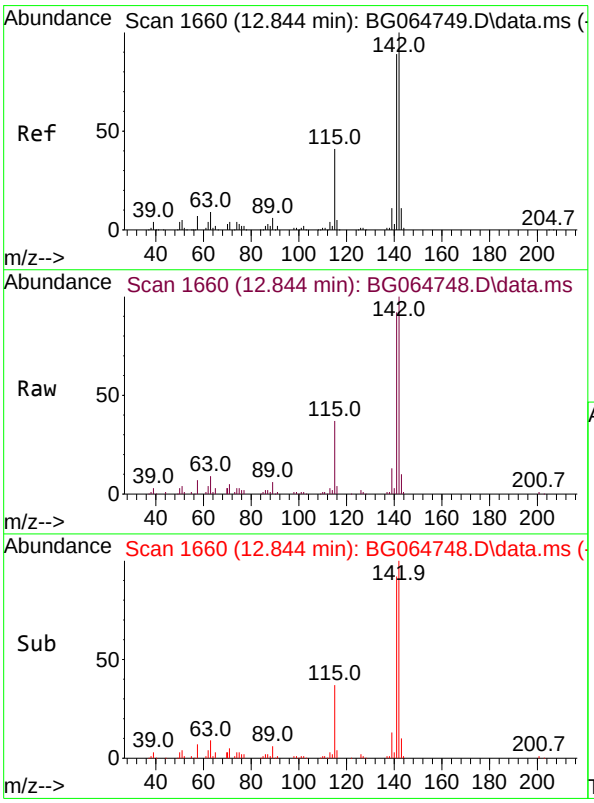
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.0 | 69.1 | 103.7 |
| 115 | 39.1 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

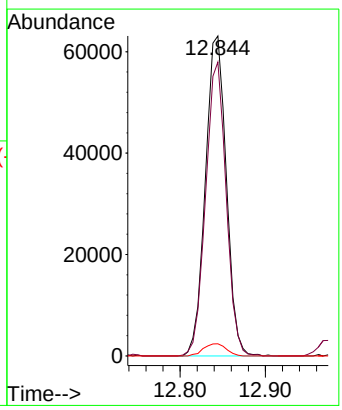
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

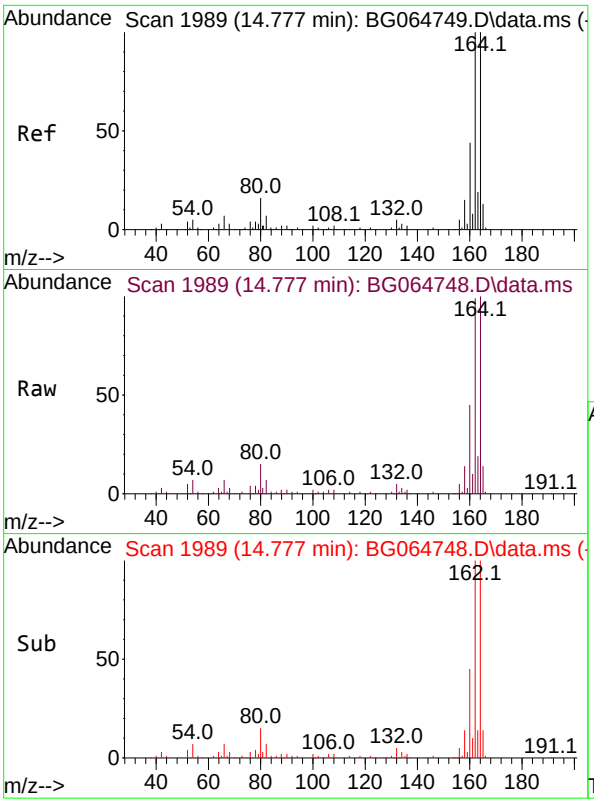



#38
1-Methylnaphthalene
Concen: 20.884 ng
RT: 12.844 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:142 Resp: 107491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.9 | 70.8 | 106.2 |
| 116 | 3.8 | 3.7 | 5.5 |

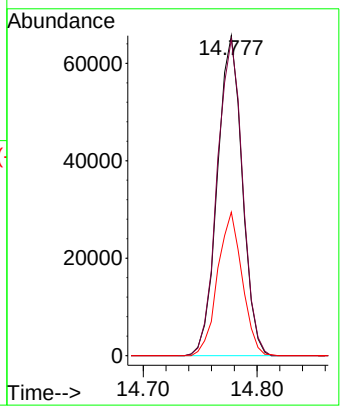





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:164 Resp: 9958

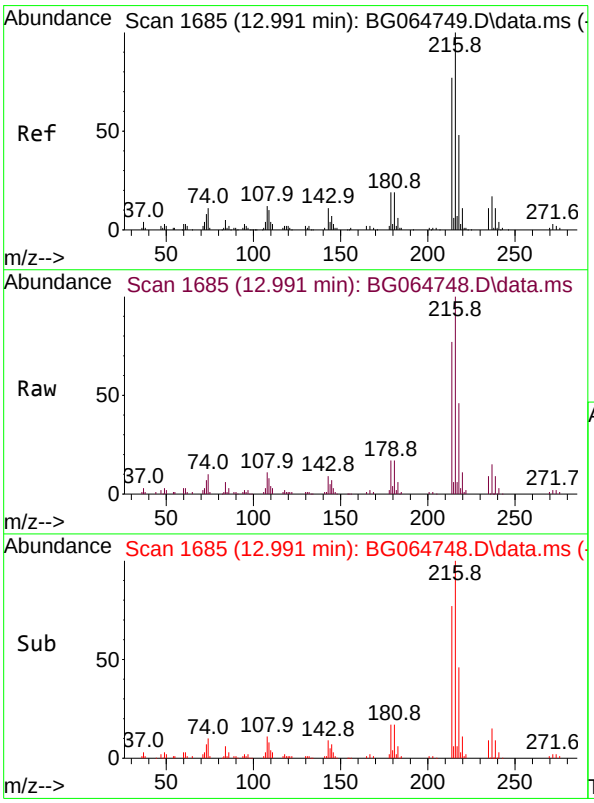
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.9 | 79.8 | 119.6 |
| 160 | 44.8 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

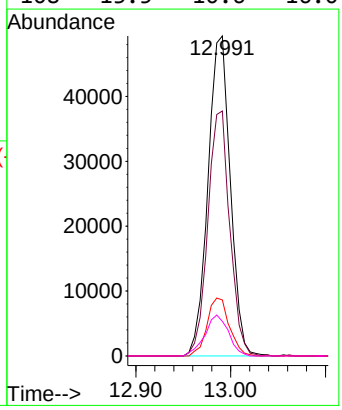
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

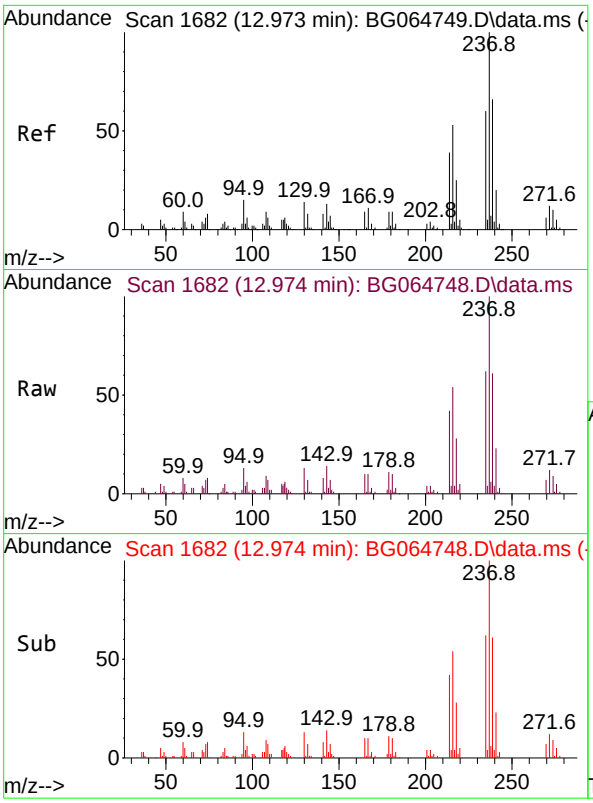



#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.831 ng
RT: 12.991 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:216 Resp: 80735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 75.2 | 60.5 | 90.7 |
| 179 | 18.0 | 14.7 | 22.1 |
| 108 | 13.5 | 10.6 | 16.0 |

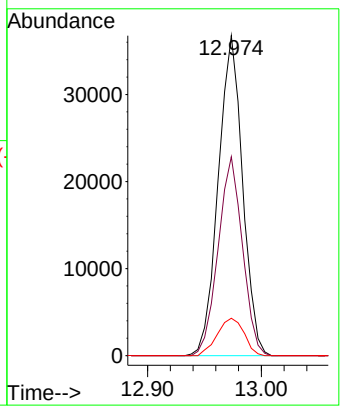





#41
Hexachlorocyclopentadiene
Concen: 19.622 ng
RT: 12.974 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:237 Resp: 5450

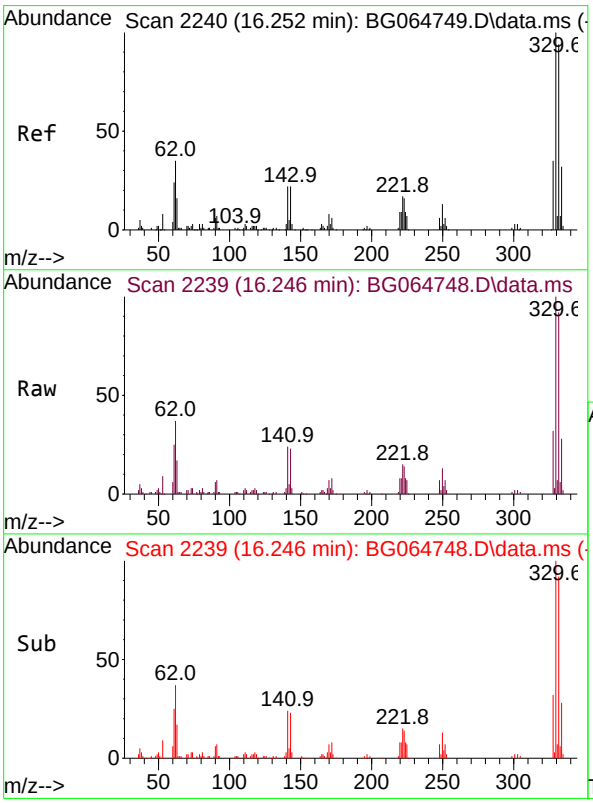
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.1 | 40.2 | 80.2 |
| 272 | 11.7 | 0.0 | 31.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

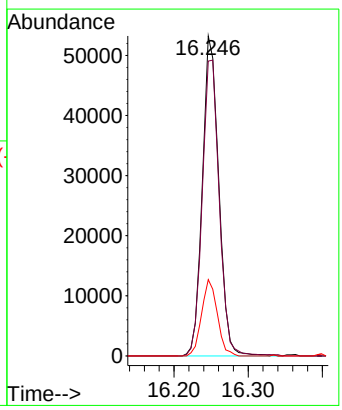
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

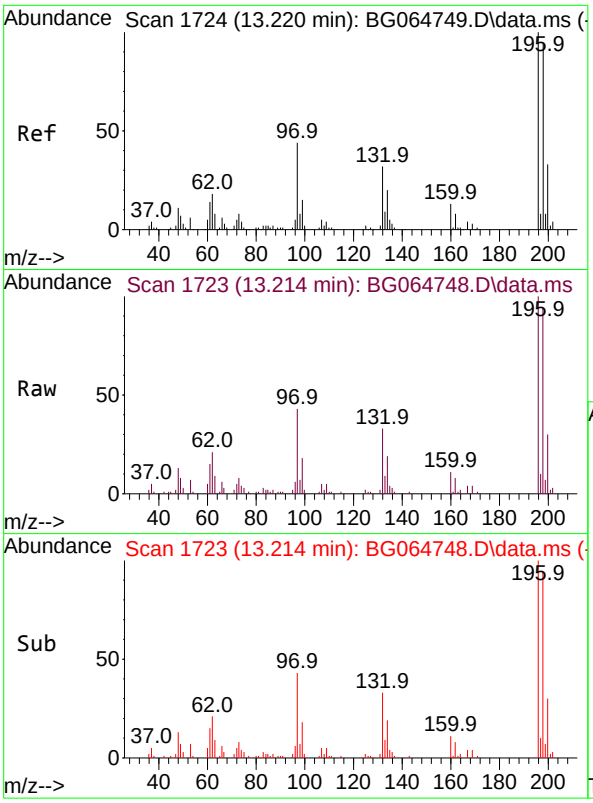



#42
2,4,6-Tribromophenol
Concen: 42.069 ng
RT: 16.246 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:330 Resp: 81708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.8 | 77.0 | 115.6 |
| 141 | 22.8 | 18.2 | 27.2 |

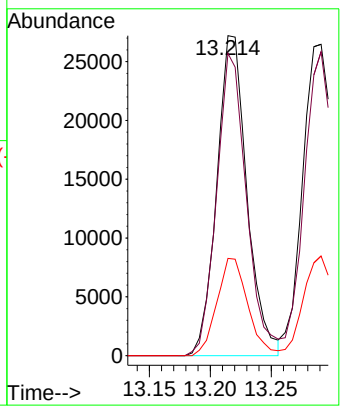





#43
2,4,6-Trichlorophenol
Concen: 20.658 ng
RT: 13.214 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:196 Resp: 4698

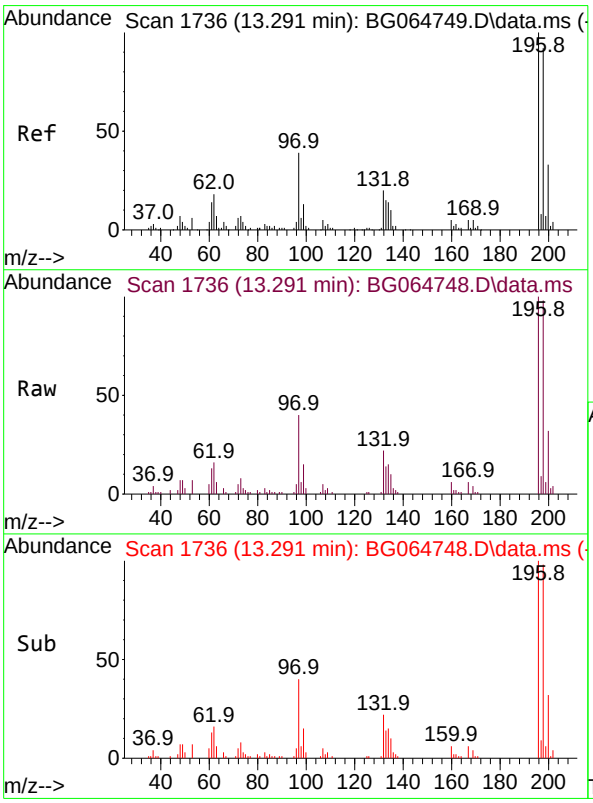
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.4 | 75.3 | 112.9 |
| 200 | 30.4 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

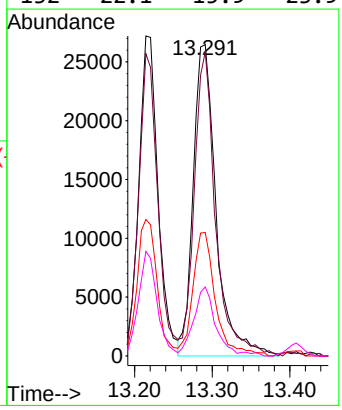
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

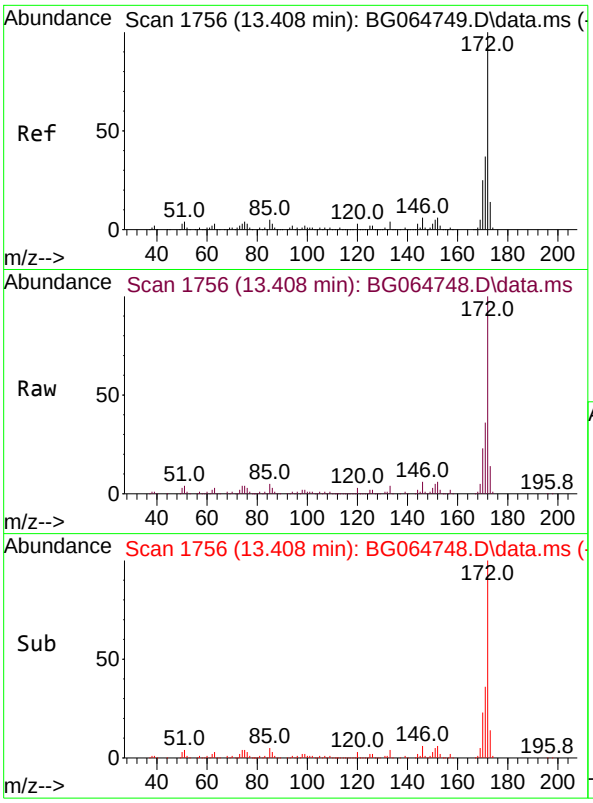



#44
2,4,5-Trichlorophenol
Concen: 21.300 ng
RT: 13.291 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:196 Resp: 54340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.6 | 73.2 | 109.8 |
| 97 | 39.6 | 31.4 | 47.0 |
| 132 | 22.1 | 15.9 | 23.9 |

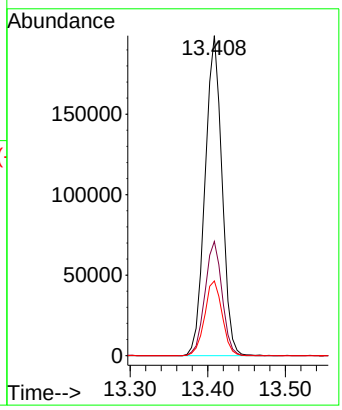





#45
2-Fluorobiphenyl
Concen: 42.108 ng
RT: 13.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:172 Resp: 30053

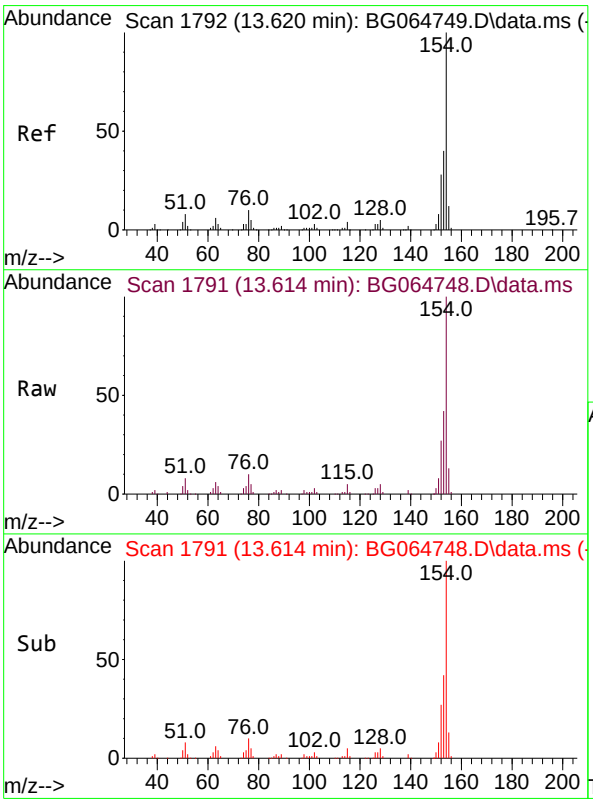
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.9 | 44.9 |
| 170 | 23.3 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

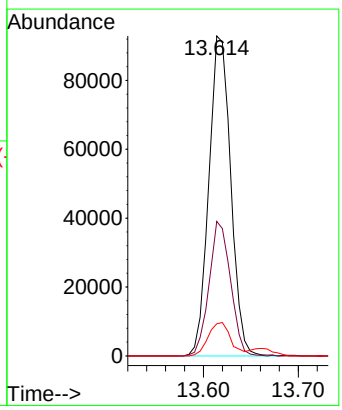
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

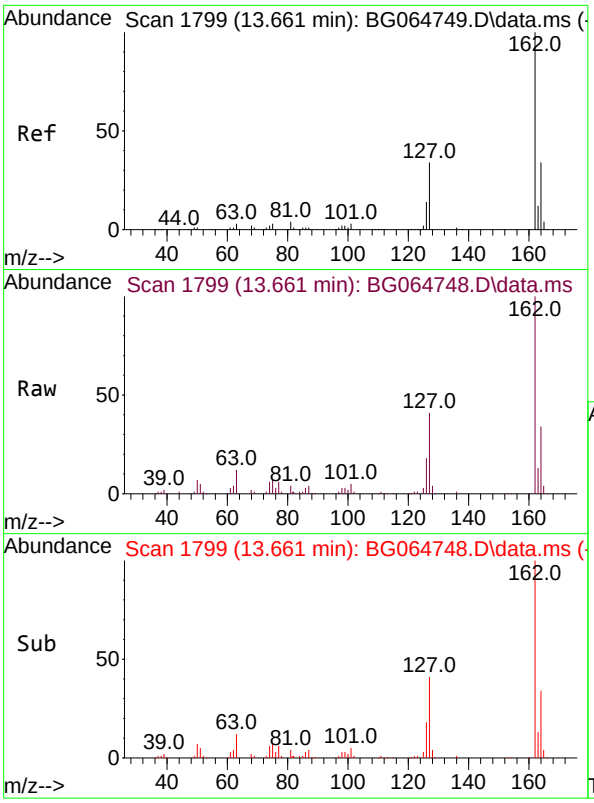



#46
1,1'-Biphenyl
Concen: 20.857 ng
RT: 13.614 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:154 Resp: 149187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.0 | 19.8 | 59.8 |
| 76 | 10.0 | 0.0 | 30.0 |

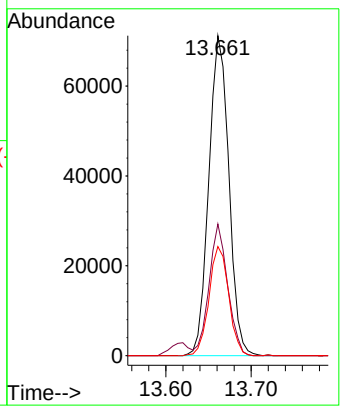





#47
2-Chloronaphthalene
Concen: 20.620 ng
RT: 13.661 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:162 Resp: 116198

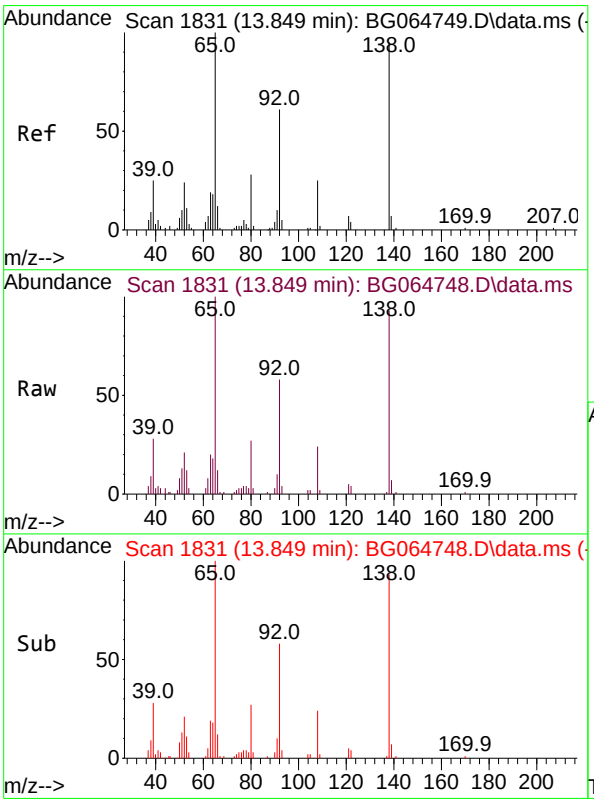
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.1 | 30.3 | 45.5 |
| 164 | 34.1 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

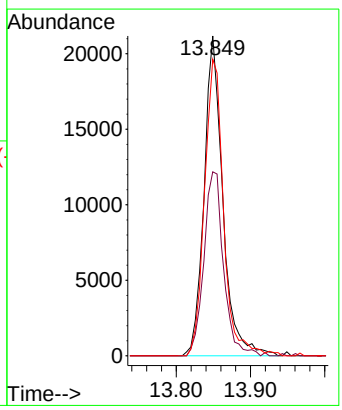
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

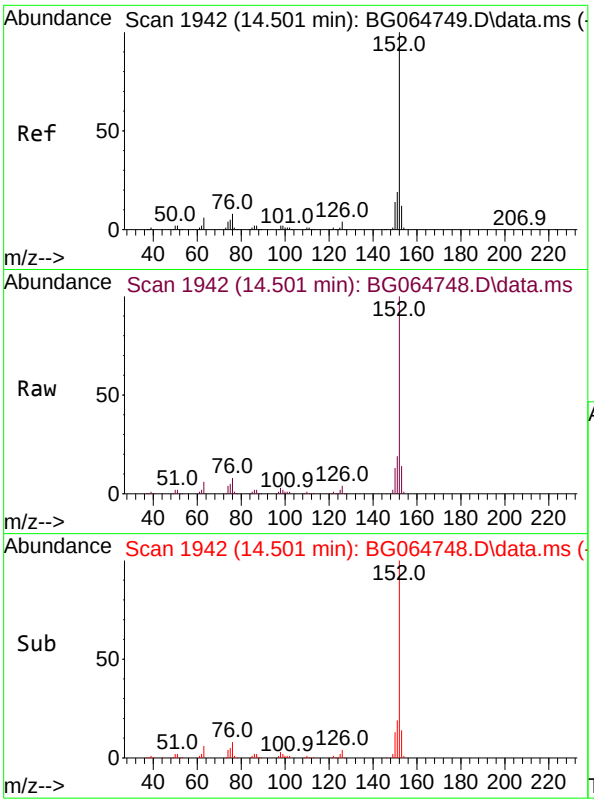



#48
2-Nitroaniline
Concen: 20.495 ng
RT: 13.849 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 65 Resp: 37146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 57.5 | 48.6 | 73.0 |
| 138 | 92.7 | 76.4 | 114.6 |

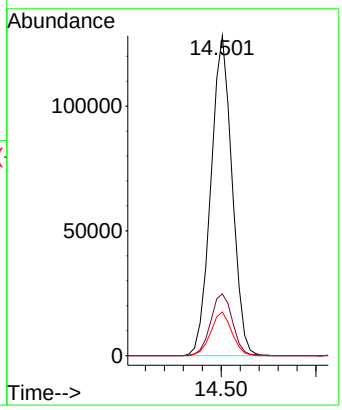





#49
Acenaphthylene
Concen: 20.651 ng
RT: 14.501 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:152 Resp: 19880

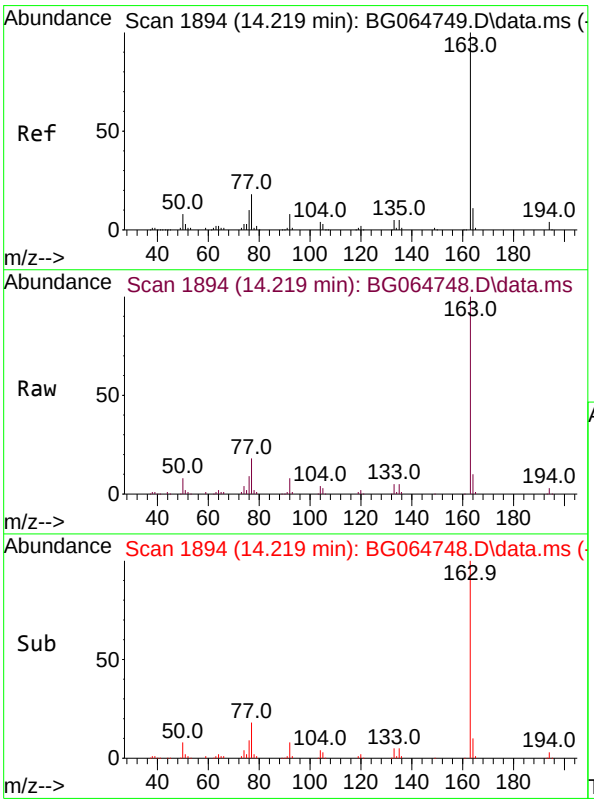
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 15.0 | 22.4 |
| 153 | 13.6 | 9.9 | 14.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

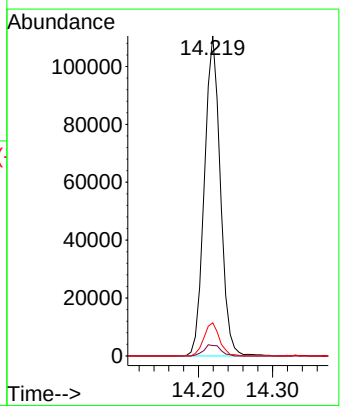
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

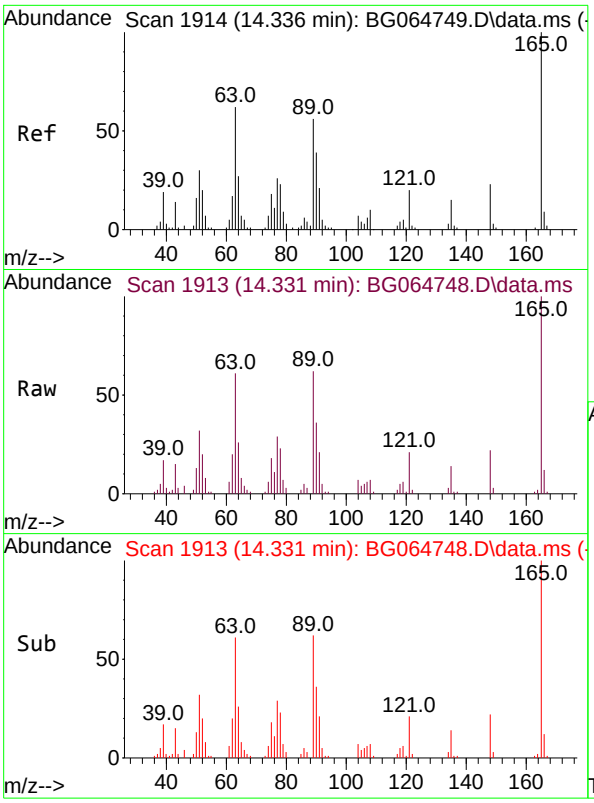



#50
Dimethylphthalate
Concen: 20.940 ng
RT: 14.219 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:163 Resp: 164729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 3.1 | 4.7 |
| 164 | 10.3 | 8.6 | 12.8 |

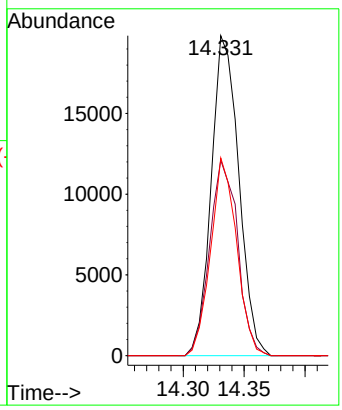





#51
2,6-Dinitrotoluene
Concen: 20.573 ng
RT: 14.331 min Scan# 19
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:165 Resp: 3114

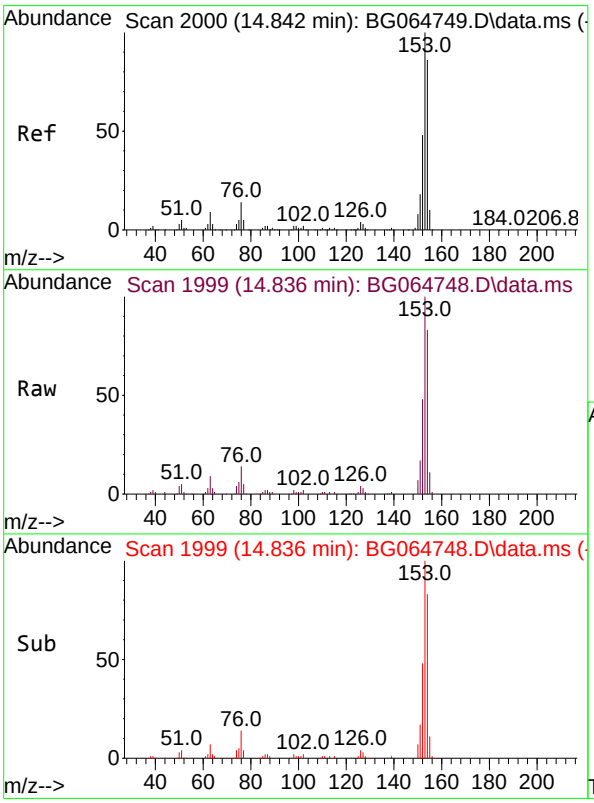
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.1 | 49.8 | 74.8 |
| 89 | 61.8 | 45.0 | 67.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

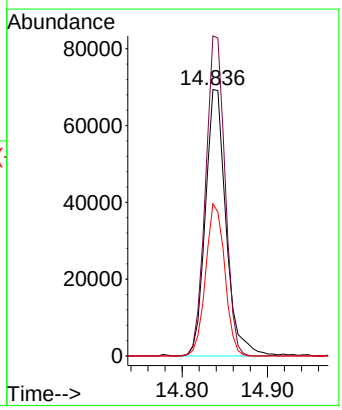
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

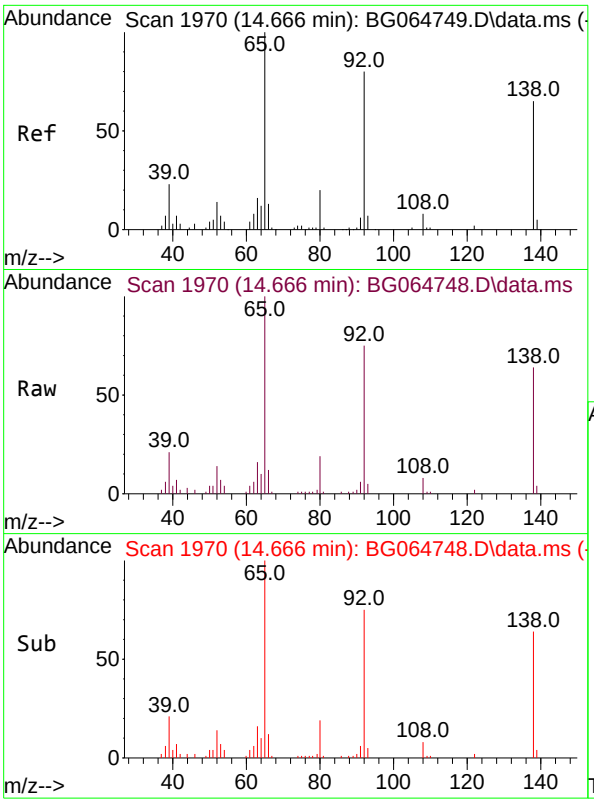



#52
Acenaphthene
Concen: 20.176 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:154 Resp: 116463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 120.1 | 93.0 | 139.4 |
| 152 | 57.1 | 44.4 | 66.6 |

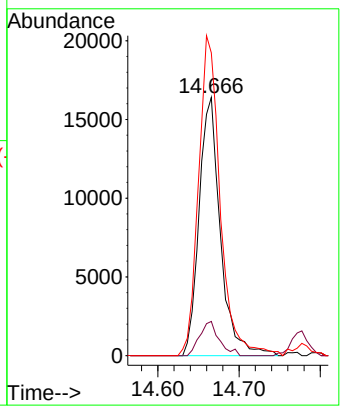





#53
3-Nitroaniline
Concen: 20.041 ng
RT: 14.666 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:138 Resp: 2994

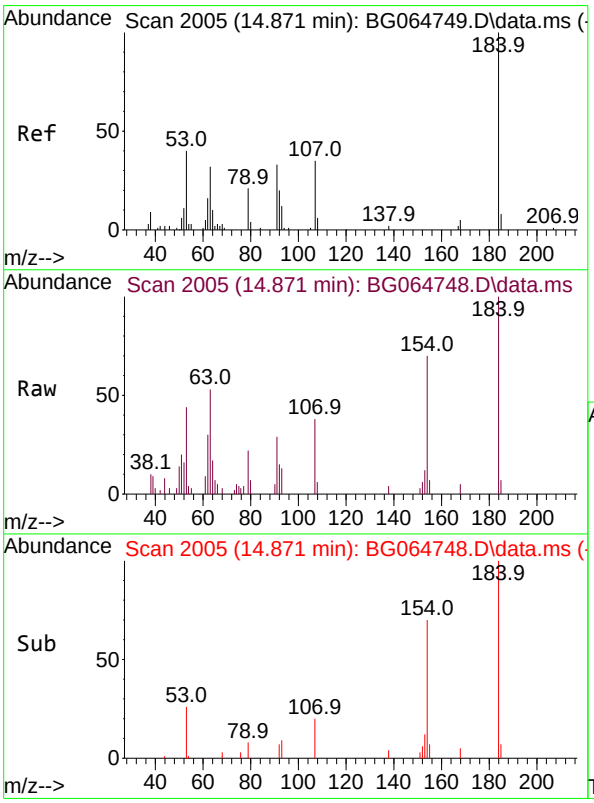
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.2 | 9.5 | 14.3 |
| 92 | 117.3 | 99.0 | 148.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

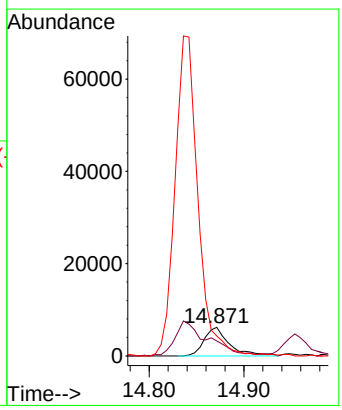
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

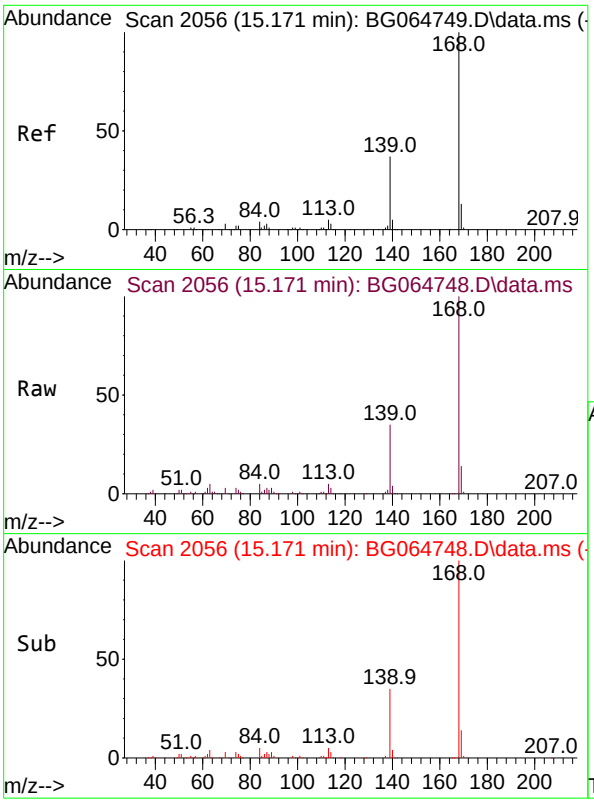



#54
2,4-Dinitrophenol
Concen: 18.387 ng
RT: 14.871 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:184 Resp: 11387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 52.6 | 45.8 | 68.6 |
| 154 | 69.9 | 52.6 | 78.8 |

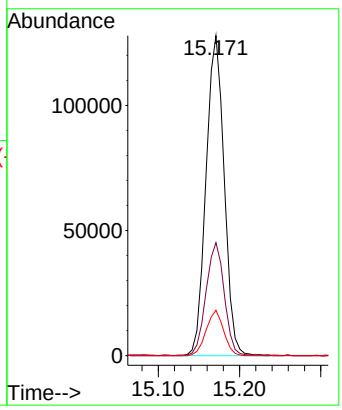





#55
Dibenzofuran
Concen: 20.809 ng
RT: 15.171 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:168 Resp: 19857

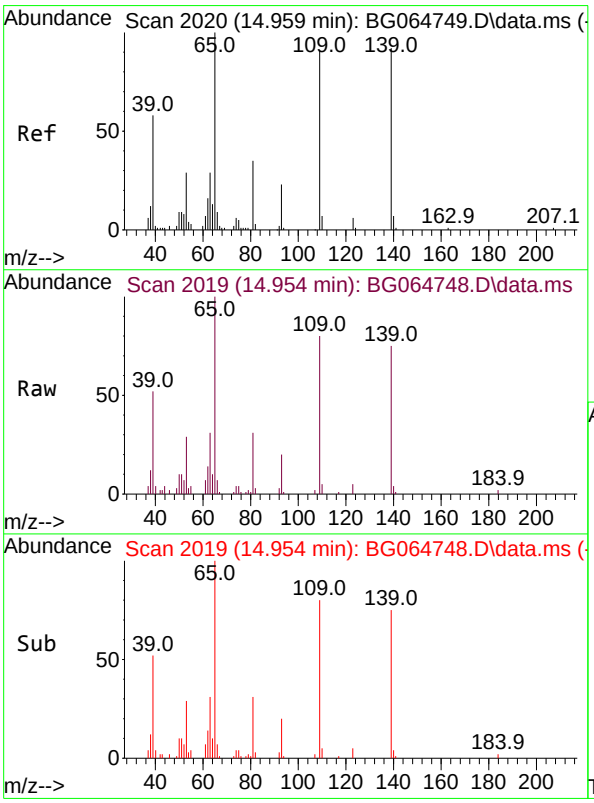
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.3 | 29.5 | 44.3 |
| 169 | 14.2 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

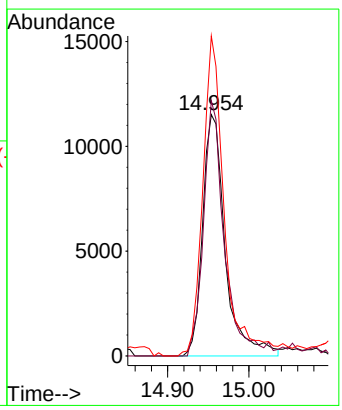
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

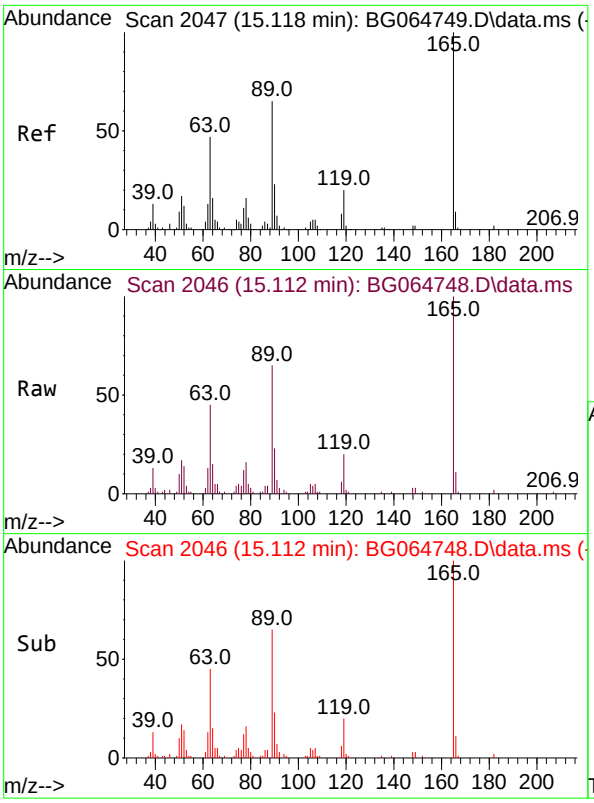



#56
4-Nitrophenol
Concen: 18.849 ng
RT: 14.954 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:139 Resp: 22343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 105.8 | 79.7 | 119.7 |
| 65 | 132.7 | 89.9 | 129.9# |

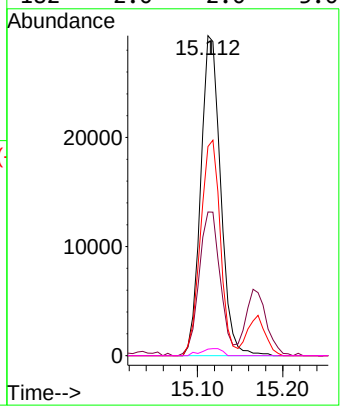





#57
2,4-Dinitrotoluene
Concen: 20.931 ng
RT: 15.112 min Scan# 20
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:165 Resp: 4750

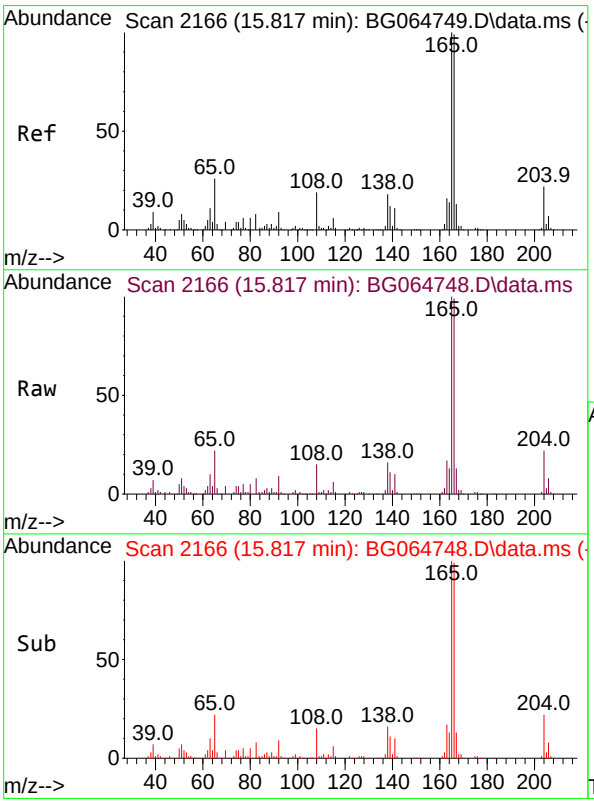
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.9 | 37.8 | 56.6 |
| 89 | 65.3 | 51.6 | 77.4 |
| 182 | 2.0 | 2.0 | 3.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

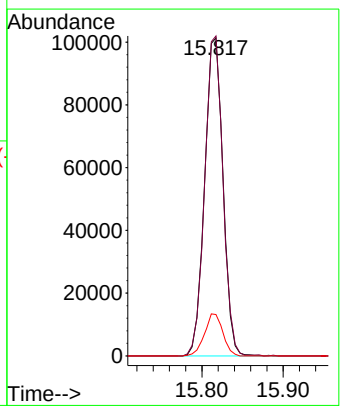
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

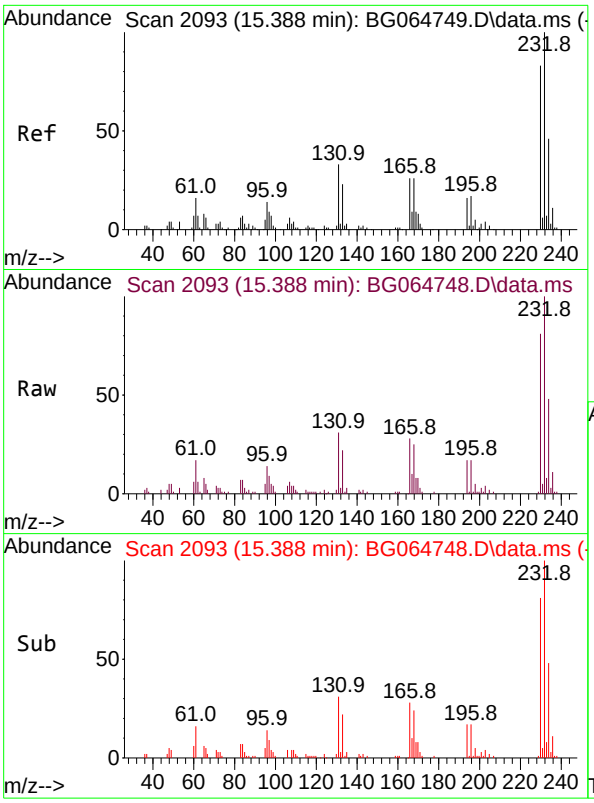



#58
Fluorene
Concen: 21.222 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:166 Resp: 158837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.6 | 80.5 | 120.7 |
| 167 | 13.0 | 10.3 | 15.5 |

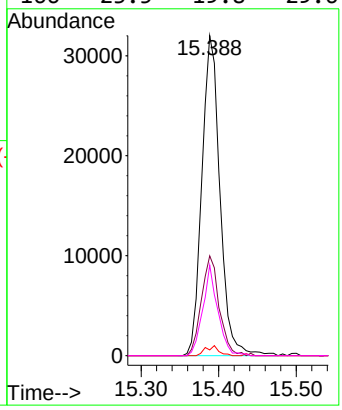





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.601 ng
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:232 Resp: 5185

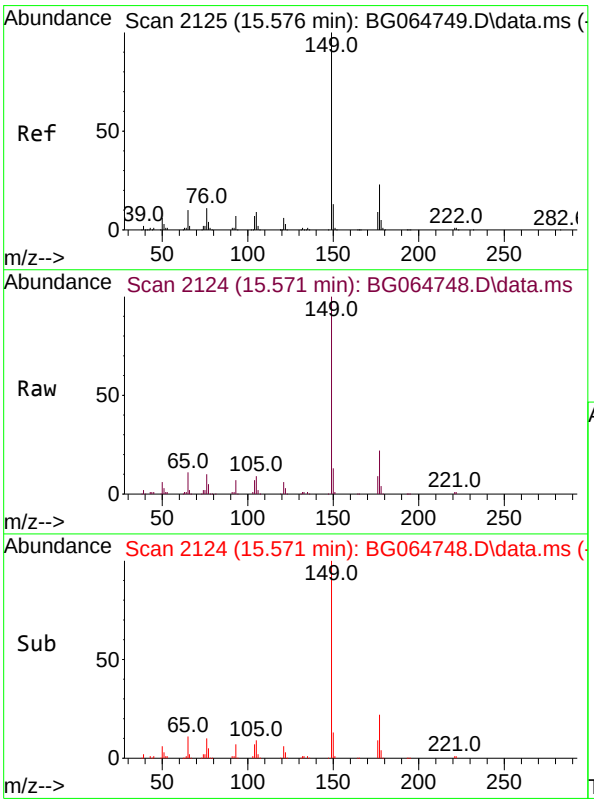
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 30.6 | 26.0 | 39.0 |
| 130 | 2.3 | 1.6 | 2.4 |
| 166 | 23.5 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

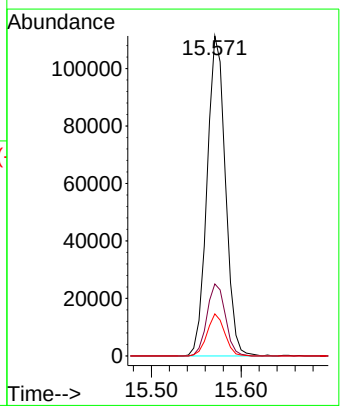
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

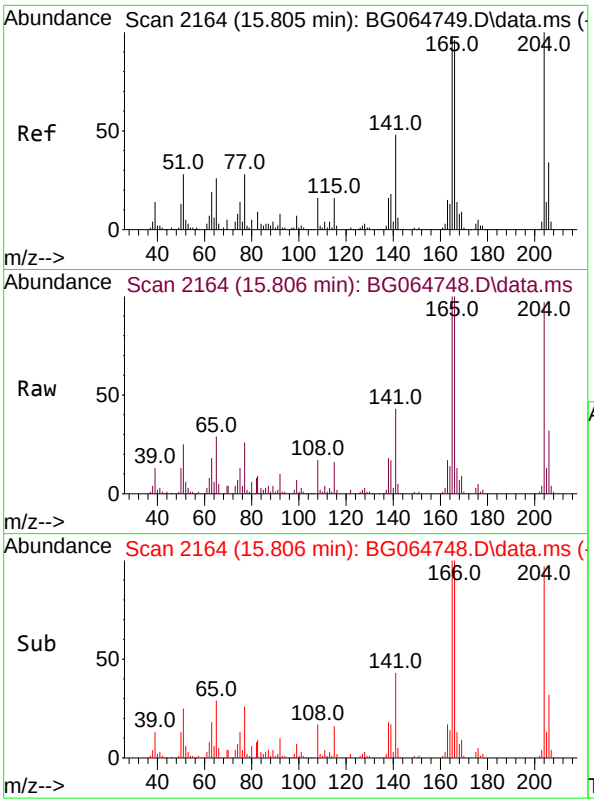



#60
Diethylphthalate
Concen: 20.942 ng
RT: 15.571 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:149 Resp: 157815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.5 | 18.4 | 27.6 |
| 150 | 13.1 | 10.1 | 15.1 |






#61
4-Chlorophenyl-phenylether
Concen: 20.839 ng
RT: 15.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

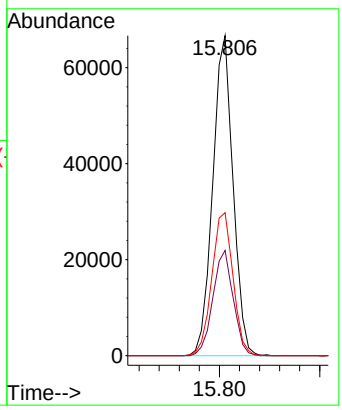
**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

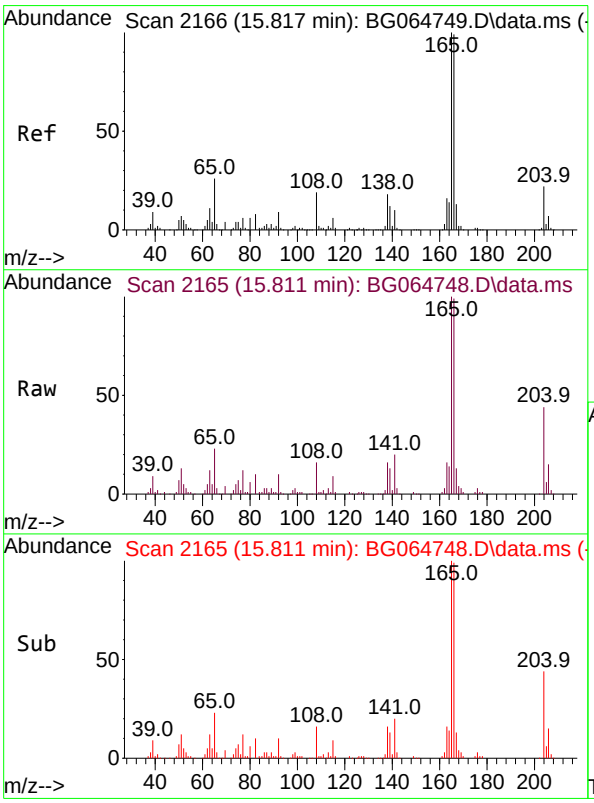
Tgt Ion:204 Resp: 9360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.9 | 40.3 |
| 141 | 44.7 | 38.1 | 57.1 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

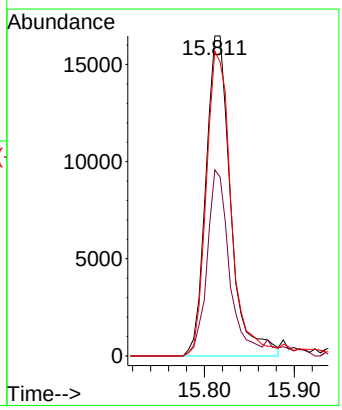


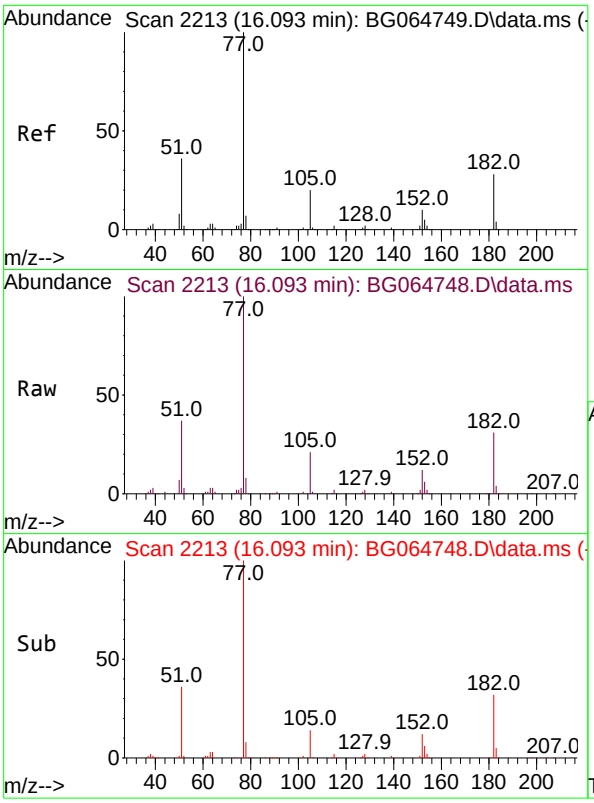




#62
4-Nitroaniline
Concen: 20.442 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:138 Resp: 31639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 58.1 | 30.7 | 70.7 |
| 108 | 95.2 | 85.7 | 125.7 |

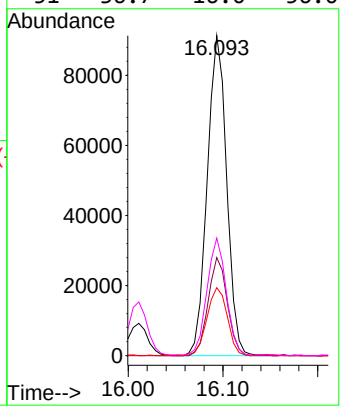





#63
Azobenzene
Concen: 20.795 ng
RT: 16.093 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 77 Resp: 13034

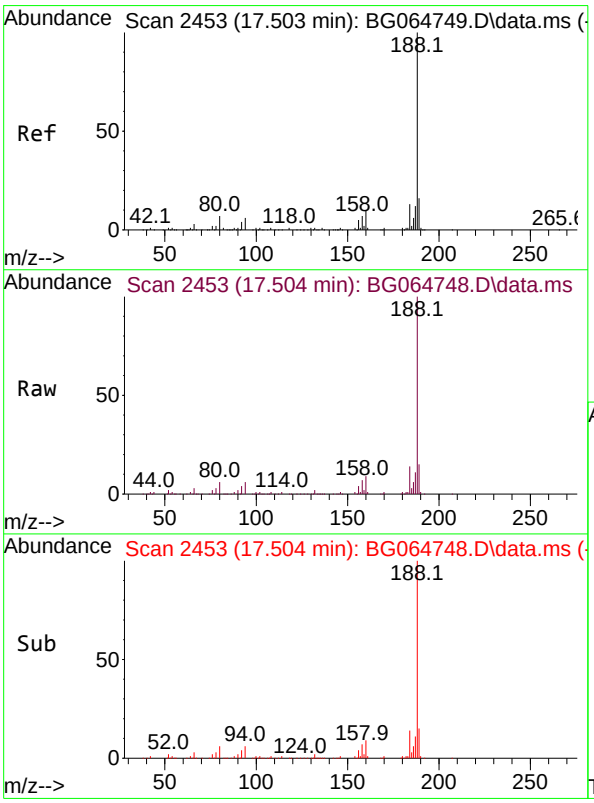
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.6 | 8.1 | 48.1 |
| 105 | 21.2 | 0.1 | 40.1 |
| 51 | 36.7 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

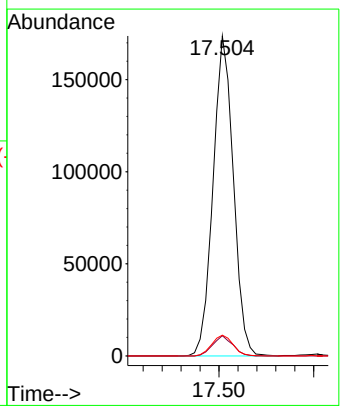
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

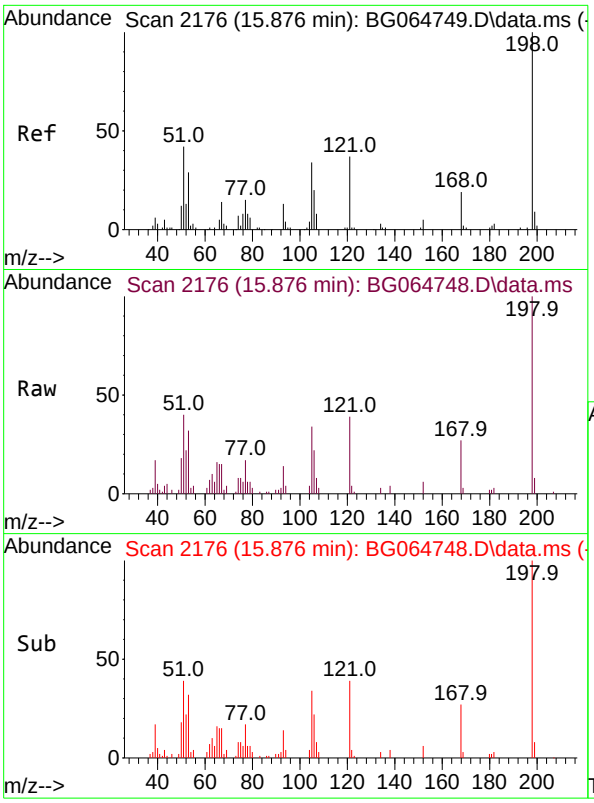



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:188 Resp: 258312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.3 | 4.7 | 7.1 |
| 80 | 6.5 | 5.4 | 8.2 |

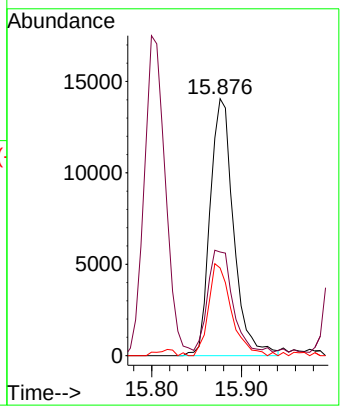





#65
4,6-Dinitro-2-methylphenol
Concen: 17.855 ng
RT: 15.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:198 Resp: 2560

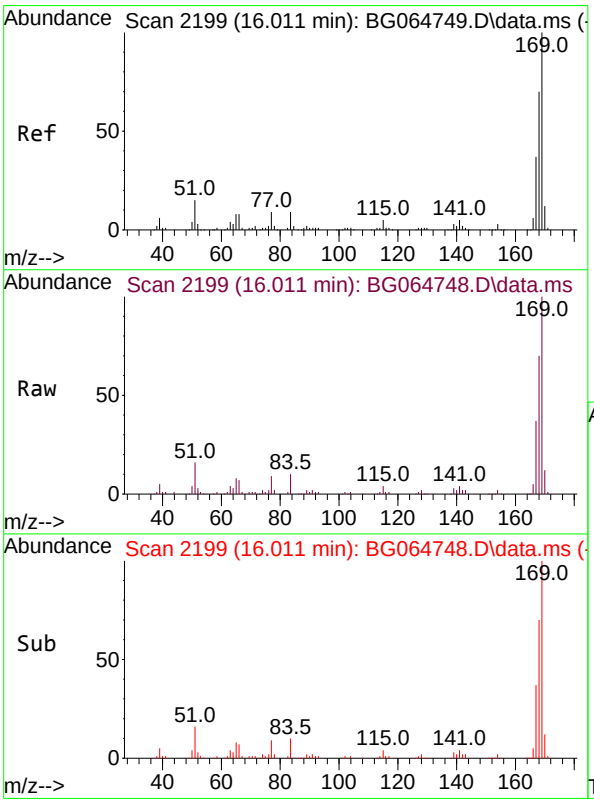
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.4 | 25.2 | 65.2 |
| 105 | 34.1 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

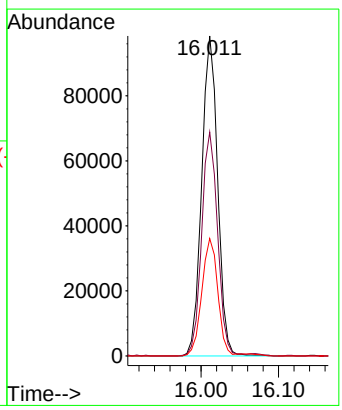
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

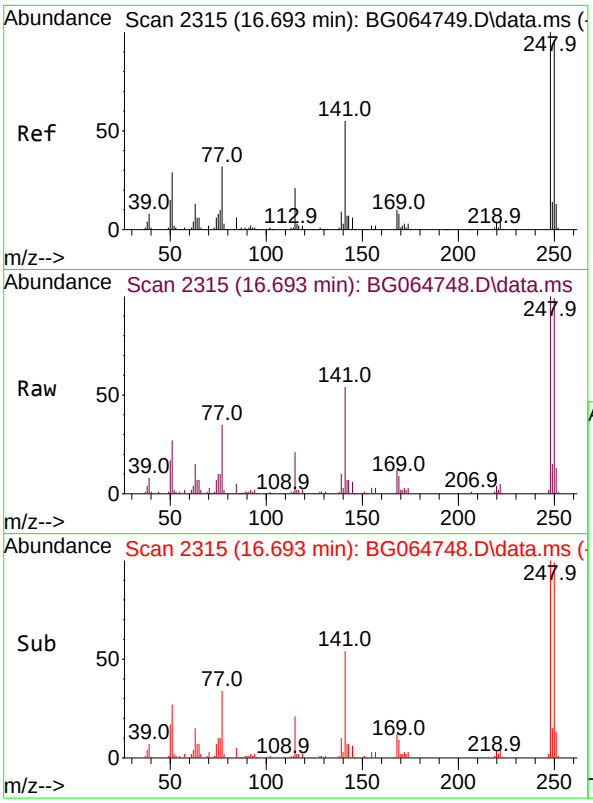



#66
n-Nitrosodiphenylamine
Concen: 20.753 ng
RT: 16.011 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:169 Resp: 140419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.9 | 55.9 | 83.9 |
| 167 | 36.7 | 29.8 | 44.6 |

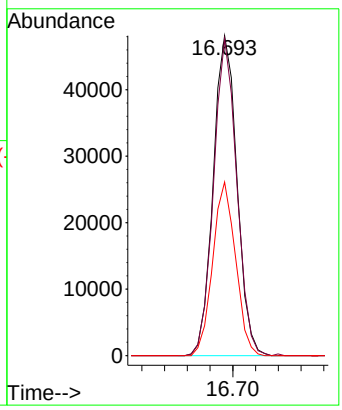





#67
4-Bromophenyl-phenylether
Concen: 20.520 ng
RT: 16.693 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:248 Resp: 6960

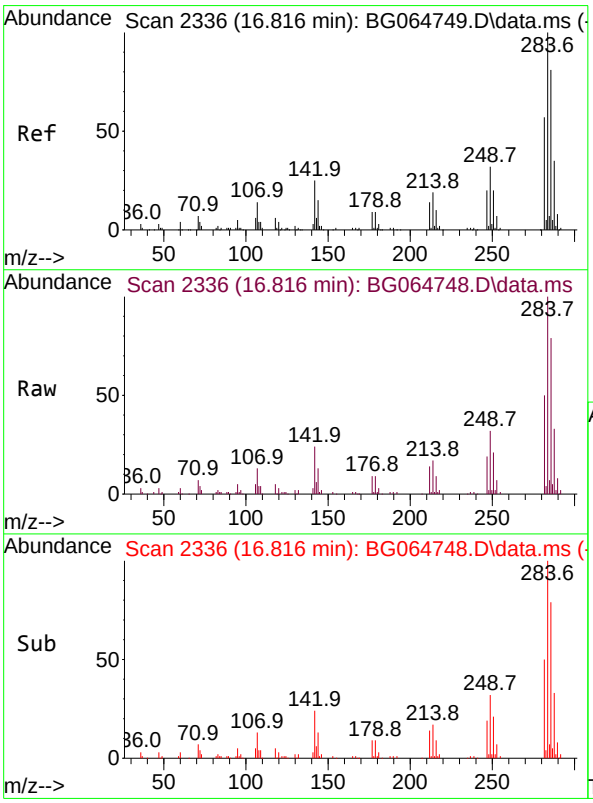
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.0 | 77.0 | 115.6 |
| 141 | 54.2 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

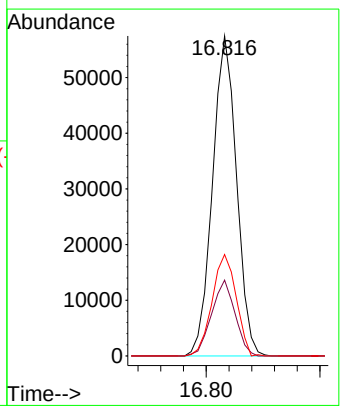
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

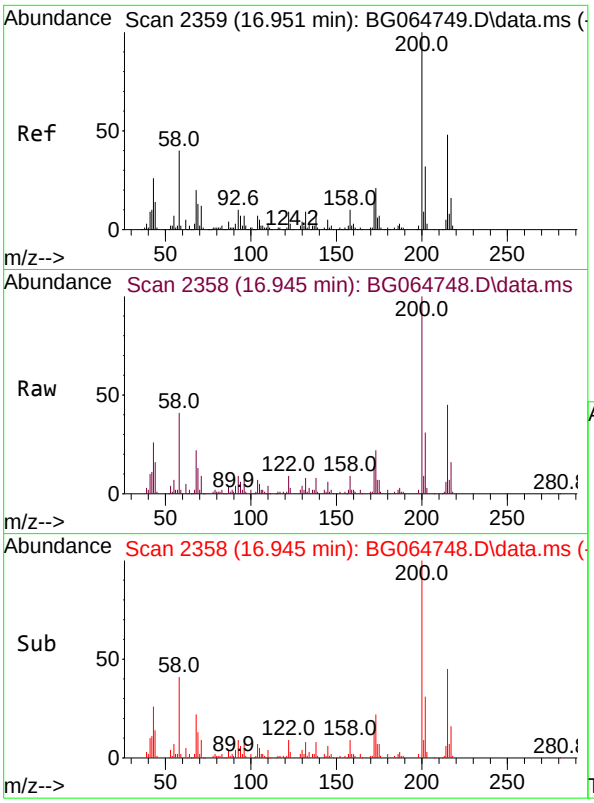



#68
Hexachlorobenzene
Concen: 20.485 ng
RT: 16.816 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:284 Resp: 84192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.7 | 19.7 | 29.5 |
| 249 | 33.8 | 28.1 | 42.1 |

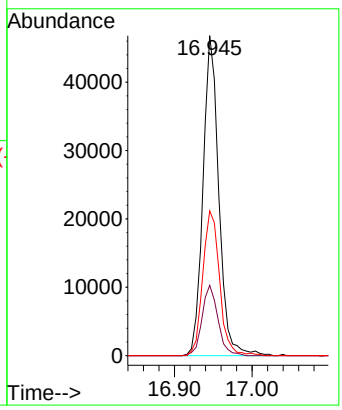





#69
Atrazine
Concen: 20.339 ng
RT: 16.945 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:200 Resp: 6634

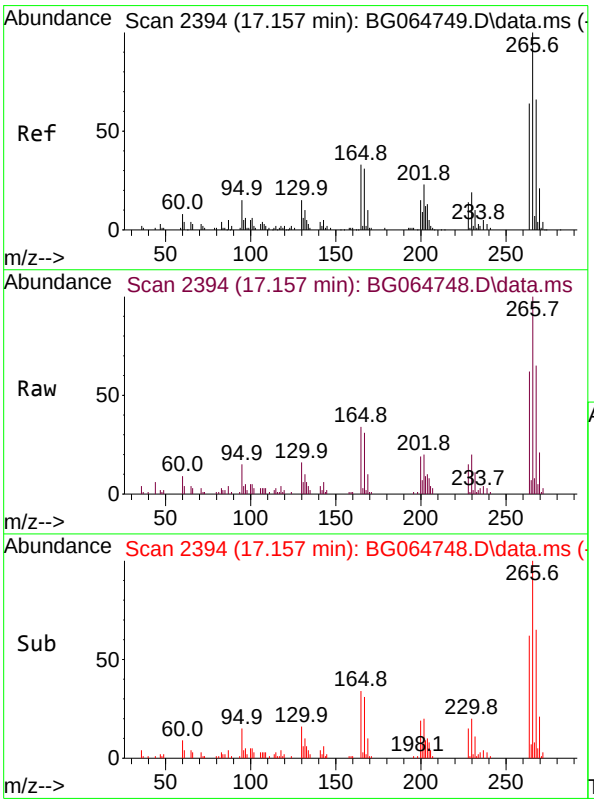
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.0 | 0.9 | 40.9 |
| 215 | 45.2 | 27.5 | 67.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

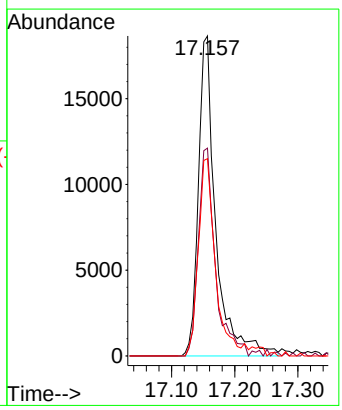
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

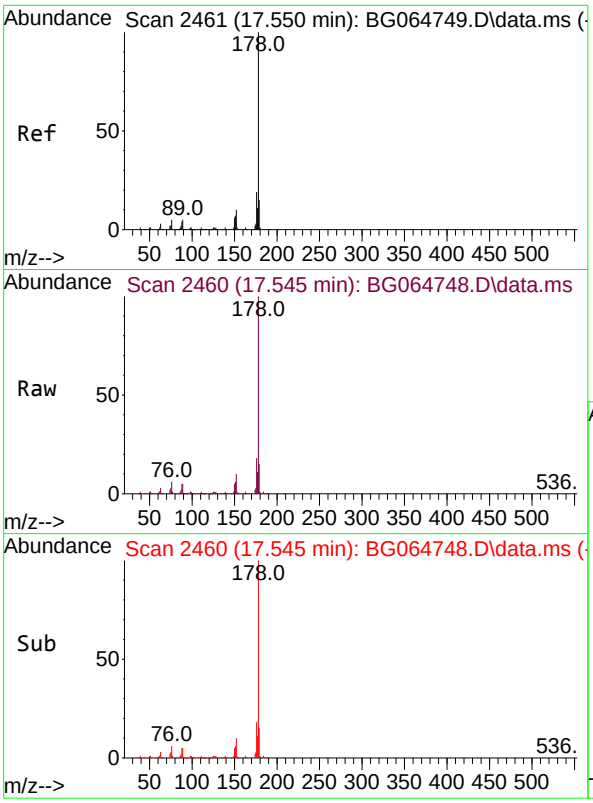



#70
Pentachlorophenol
Concen: 19.686 ng
RT: 17.157 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:266 Resp: 35678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 70.1 | 56.1 | 84.1 |
| 264 | 61.6 | 51.2 | 76.8 |

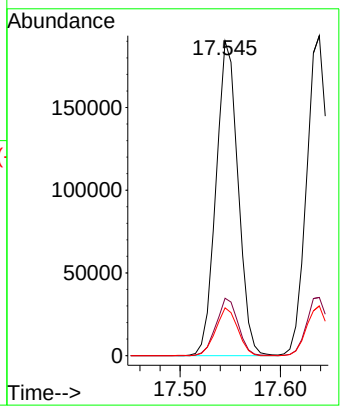





#71
Phenanthrene
Concen: 20.531 ng
RT: 17.545 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:178 Resp: 29016

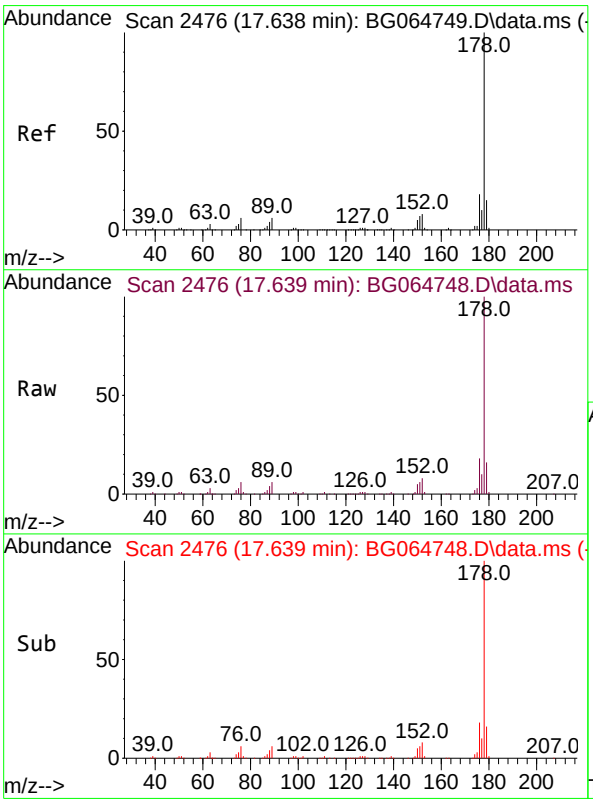
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.8 | 22.2 |
| 179 | 15.2 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

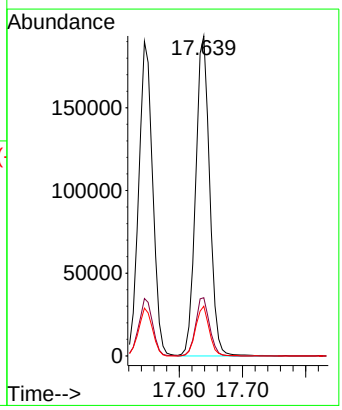
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

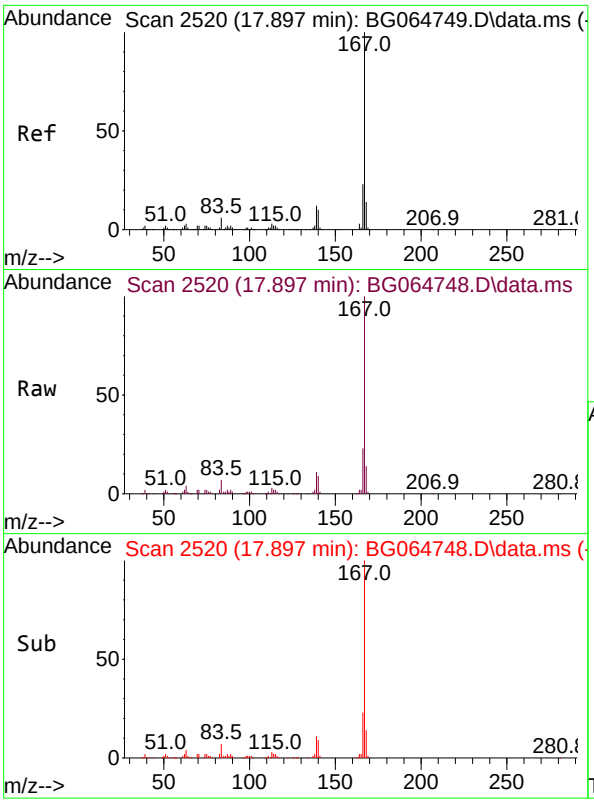



#72
Anthracene
Concen: 20.642 ng
RT: 17.639 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:178 Resp: 297476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.5 | 21.7 |
| 179 | 15.5 | 12.2 | 18.4 |

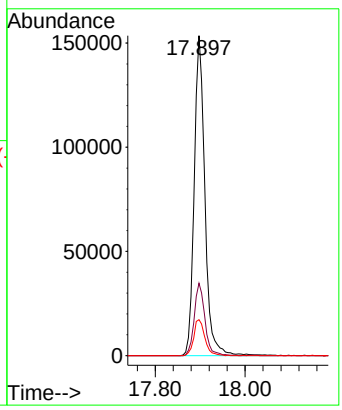





#73
Carbazole
Concen: 20.477 ng
RT: 17.897 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:167 Resp: 25368

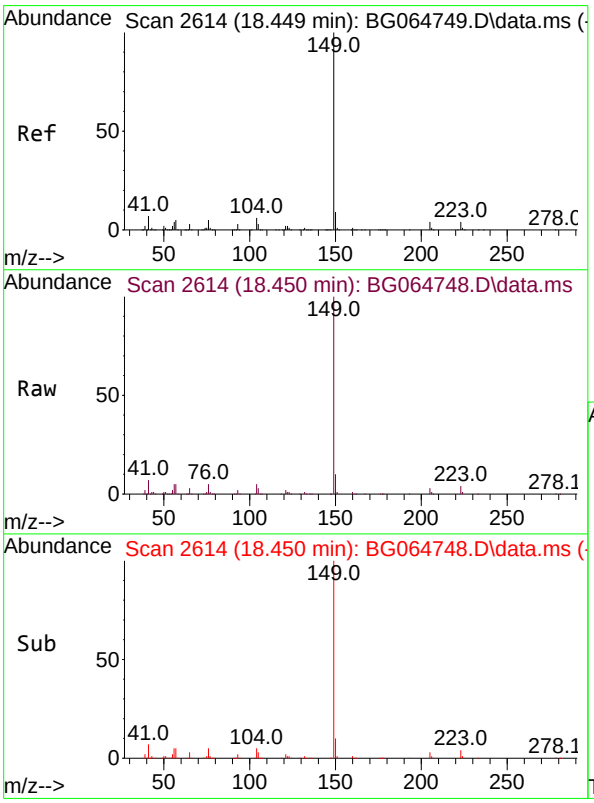
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.6 | 18.0 | 27.0 |
| 139 | 11.2 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

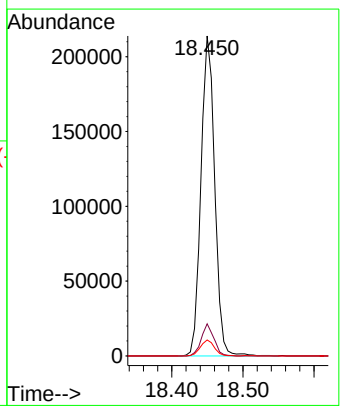
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

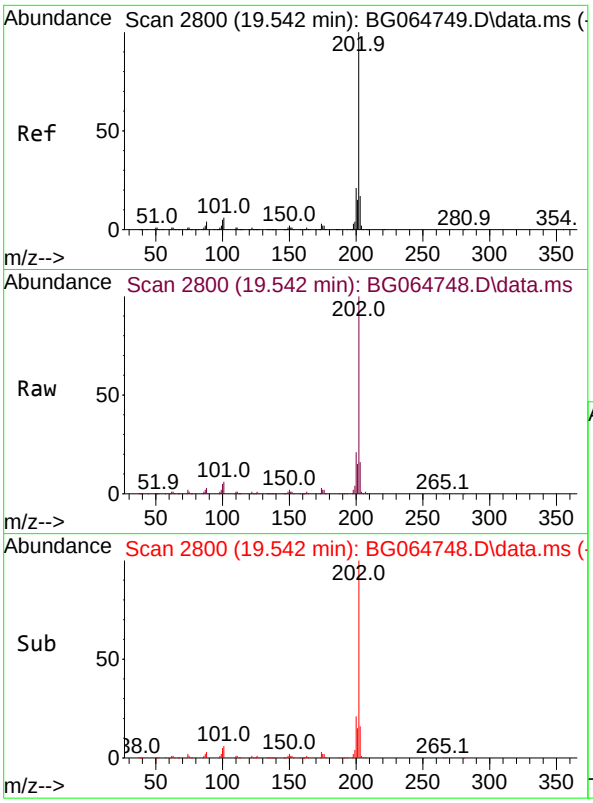



#74
Di-n-butylphthalate
Concen: 20.654 ng
RT: 18.450 min Scan# 2614
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:149 Resp: 285465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.0 | 7.5 | 11.3 |
| 104 | 5.0 | 4.4 | 6.6 |






#75
Fluoranthene
Concen: 20.462 ng
RT: 19.542 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

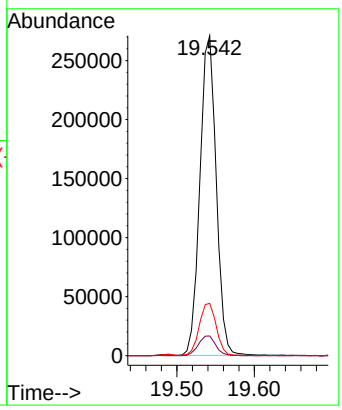
Tgt Ion:202 Resp: 39544

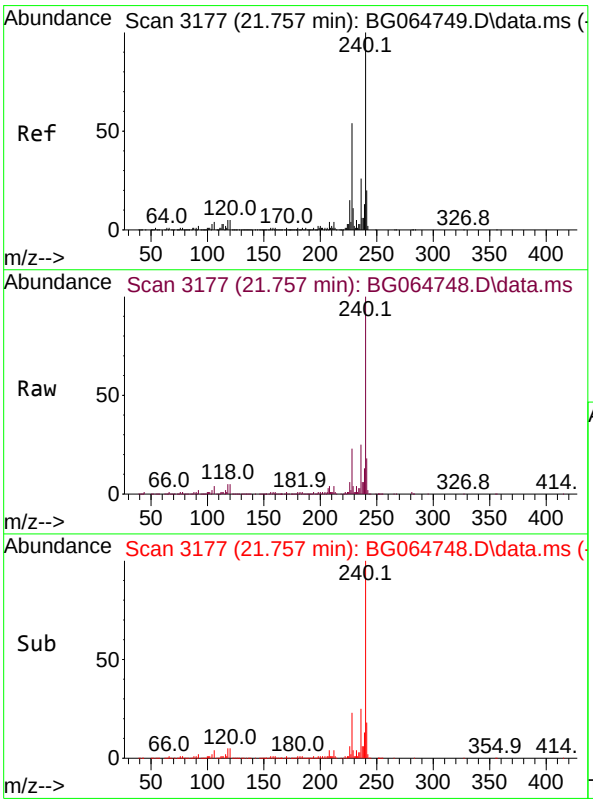
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.1 | 0.0 | 26.4 |
| 203 | 16.3 | 0.0 | 37.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

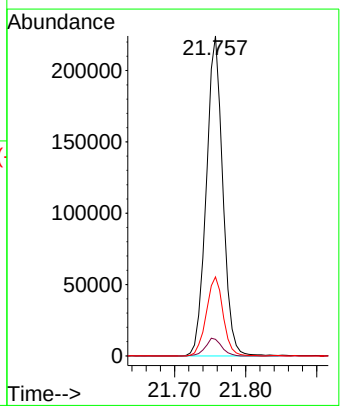


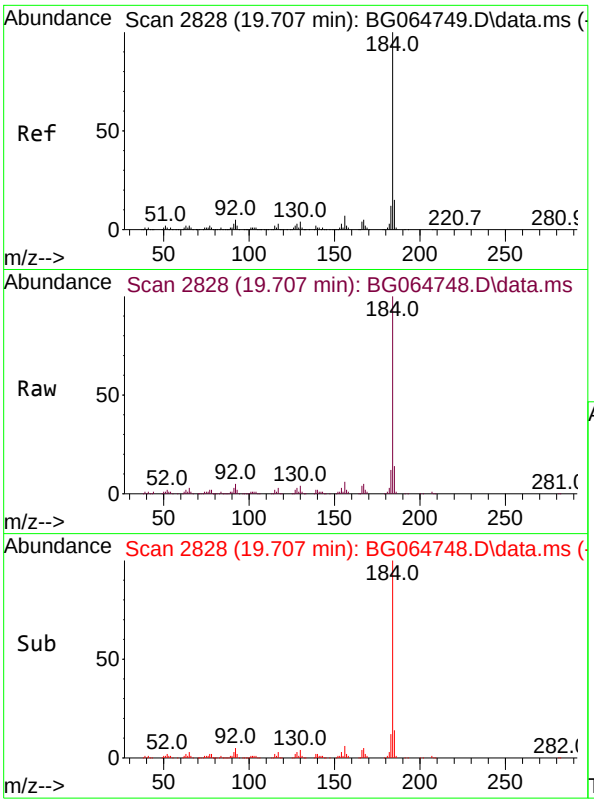




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:240 Resp: 361266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.2 | 4.2 | 6.4 |
| 236 | 24.7 | 20.8 | 31.2 |

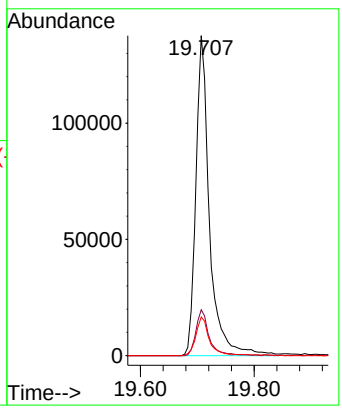





#77
Benzidine
Concen: 21.077 ng
RT: 19.707 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:184 Resp: 228040

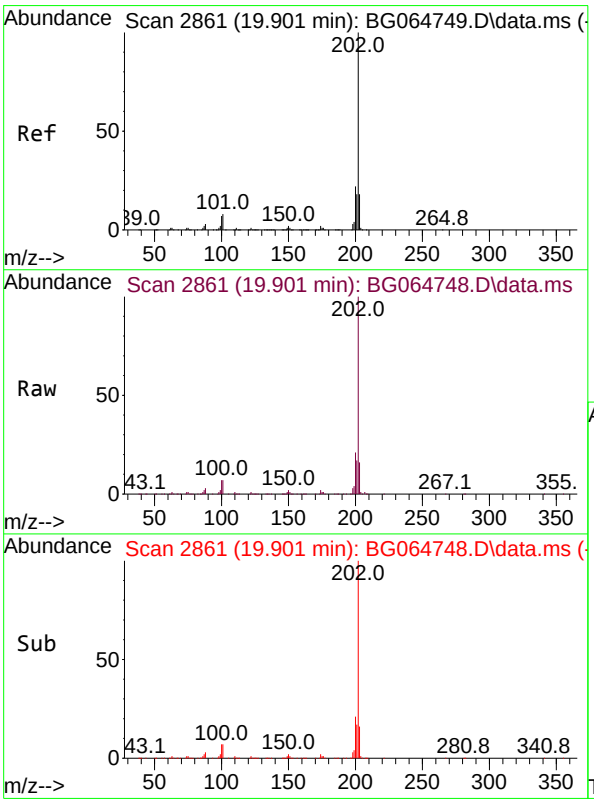
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.8 | 17.6 |
| 183 | 12.1 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

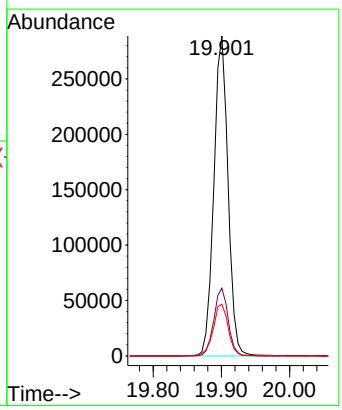
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

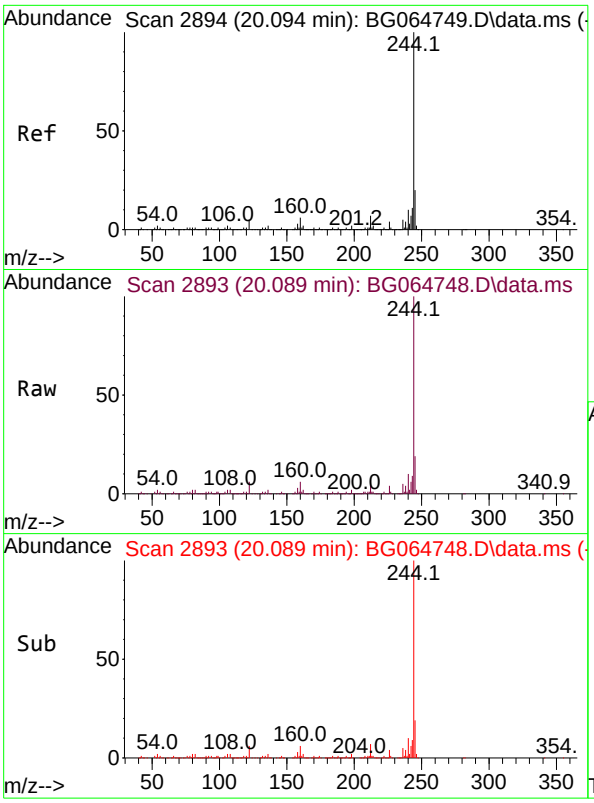



#78
Pyrene
Concen: 20.433 ng
RT: 19.901 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:202 Resp: 413710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.9 | 26.9 |
| 203 | 16.2 | 14.0 | 21.0 |






#79
Terphenyl-d14
Concen: 41.712 ng
RT: 20.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

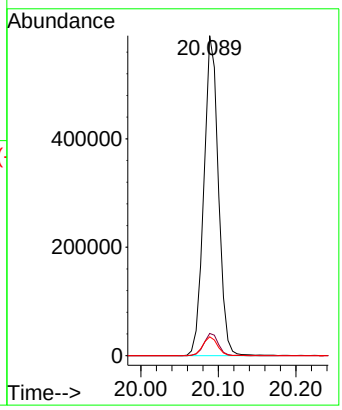
Tgt Ion:244 Resp: 76605

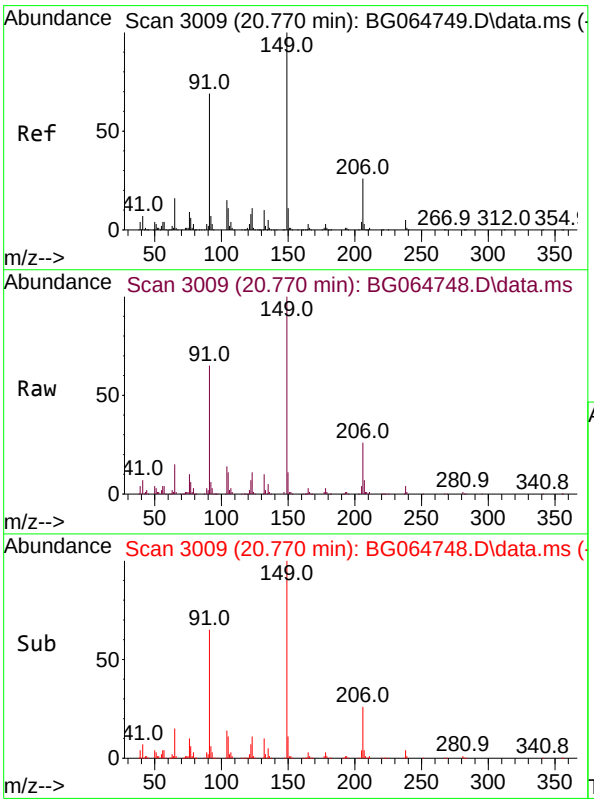
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.8 | 8.6 |
| 122 | 5.9 | 4.3 | 6.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

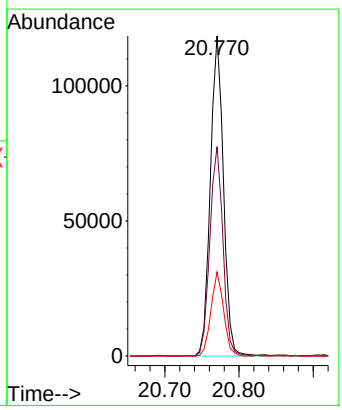


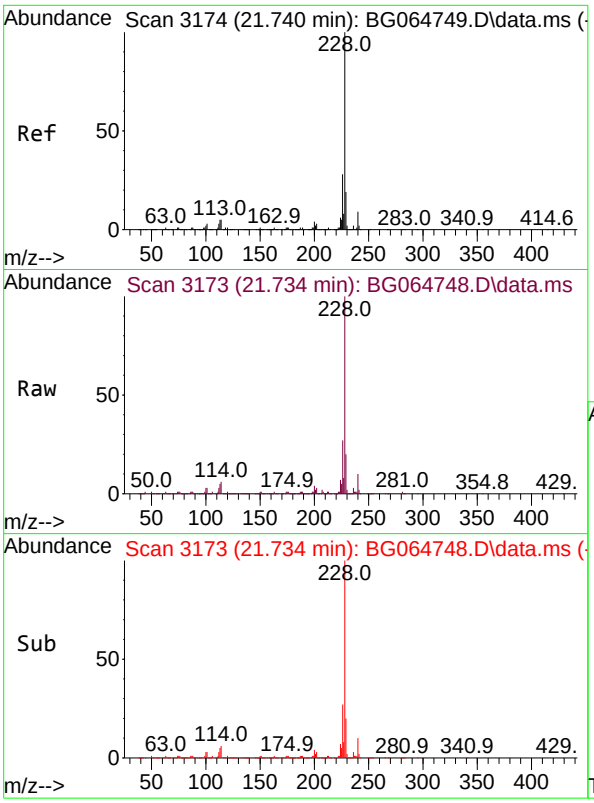




#80
Butylbenzylphthalate
Concen: 20.408 ng
RT: 20.770 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:149 Resp: 145343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.4 | 54.9 | 82.3 |
| 206 | 26.3 | 21.2 | 31.8 |

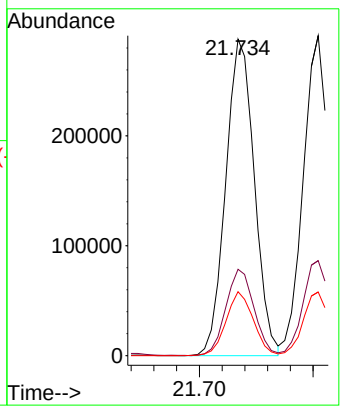





#81
Benzo(a)anthracene
Concen: 20.512 ng
RT: 21.734 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:228 Resp: 50386

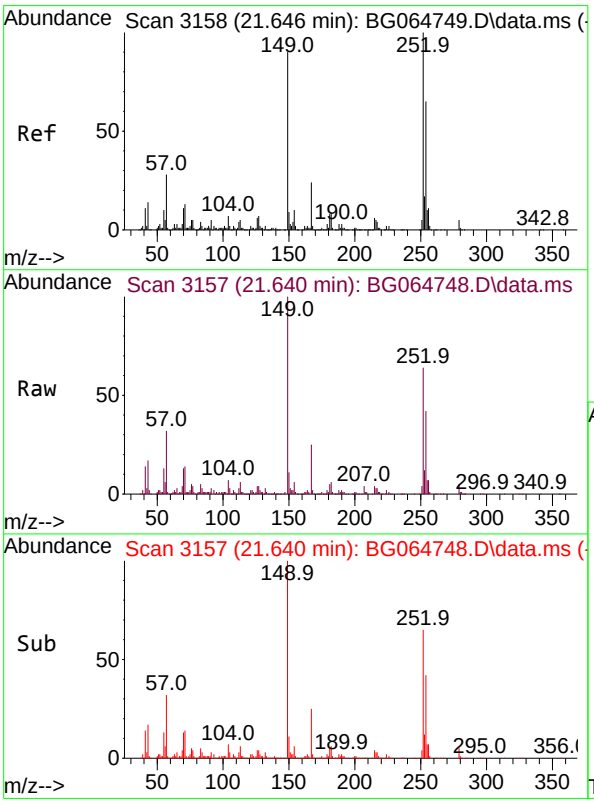
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 22.1 | 33.1 |
| 229 | 20.2 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

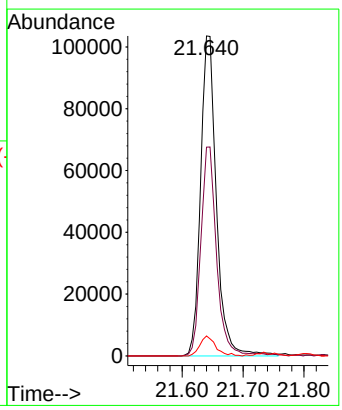
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

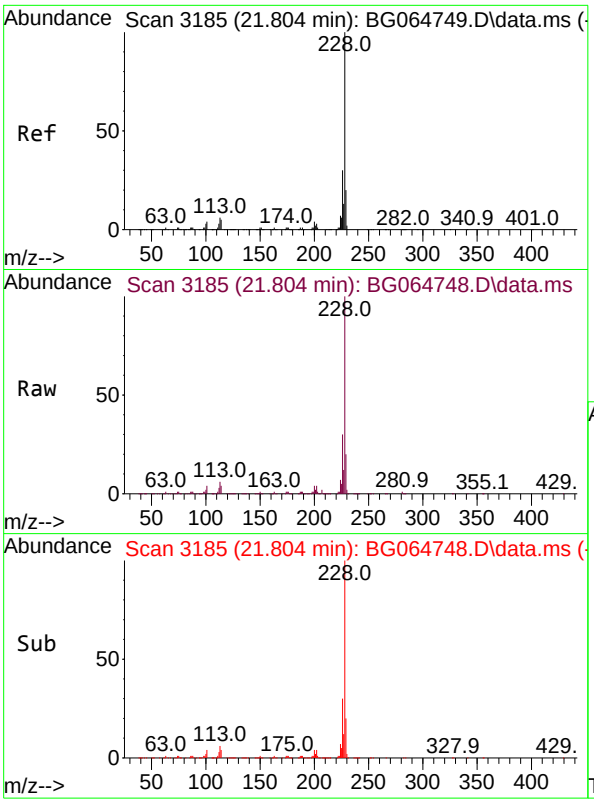



#82
3,3'-Dichlorobenzidine
Concen: 20.680 ng
RT: 21.640 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:252 Resp: 186980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.2 | 51.8 | 77.8 |
| 126 | 6.2 | 4.7 | 7.1 |






#83
Chrysene
Concen: 20.299 ng
RT: 21.804 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

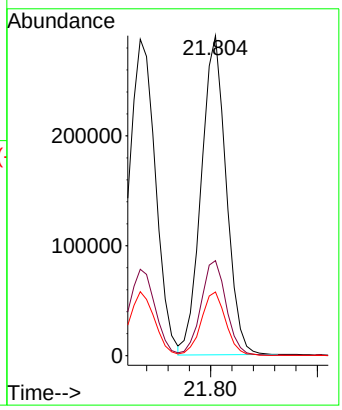
**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

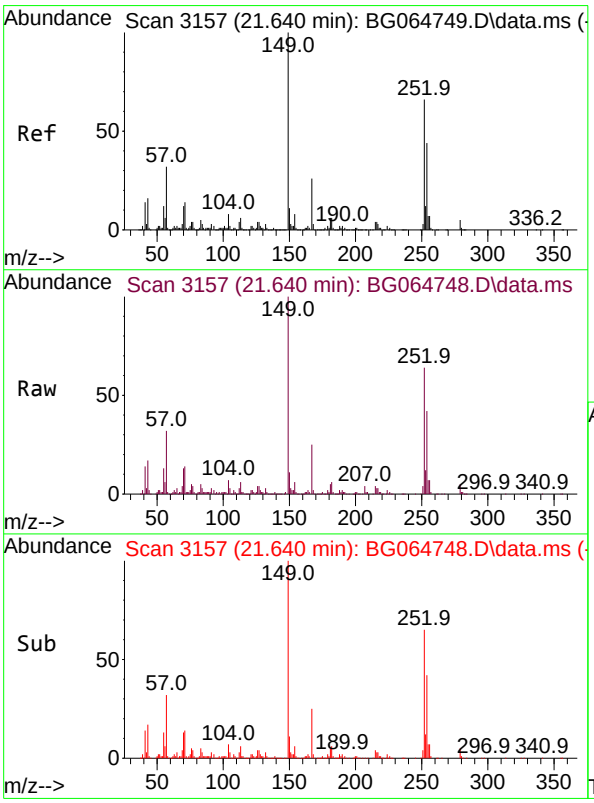
Tgt Ion:228 Resp: 47011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 24.2 | 36.2 |
| 229 | 19.9 | 16.0 | 24.0 |

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

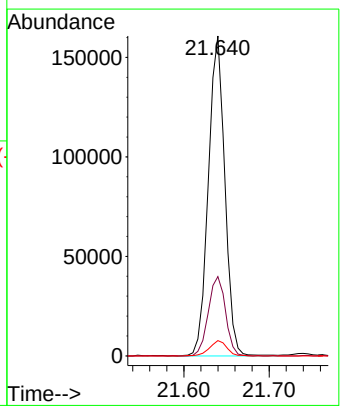


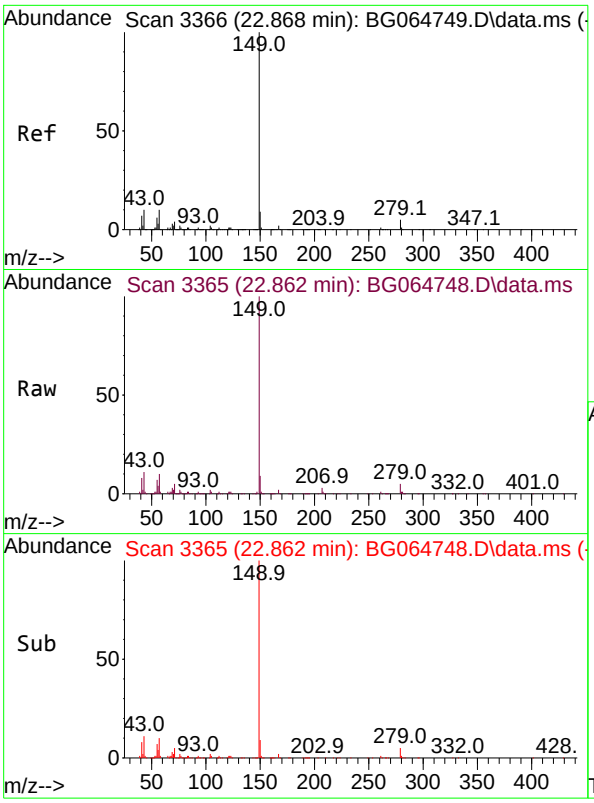




#84
Bis(2-ethylhexyl)phthalate
Concen: 20.763 ng
RT: 21.640 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:149 Resp: 216073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.8 | 21.0 | 31.4 |
| 279 | 4.8 | 4.1 | 6.1 |

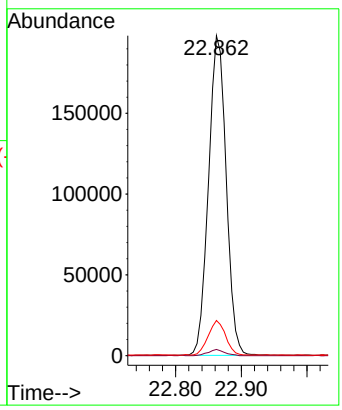





#85
Di-n-octyl phthalate
Concen: 20.598 ng
RT: 22.862 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:149 Resp: 370539

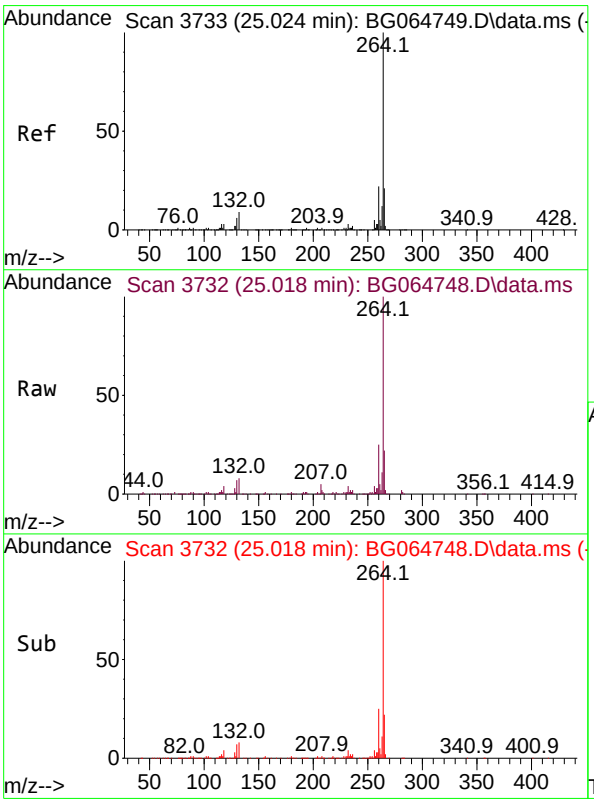
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.2 | 1.8 |
| 43 | 10.8 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

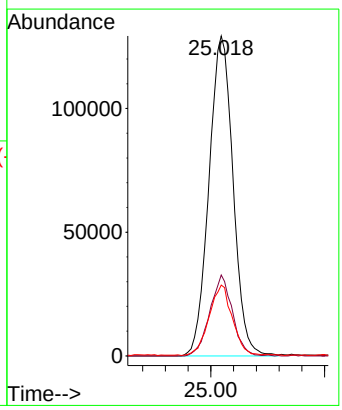
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

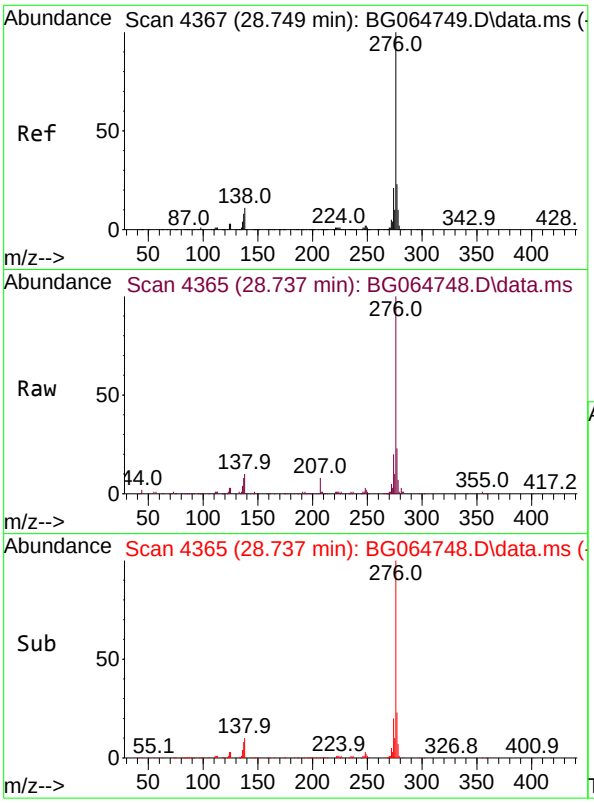



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3732
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:264 Resp: 380612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 17.2 | 25.8 |
| 265 | 22.1 | 16.6 | 25.0 |

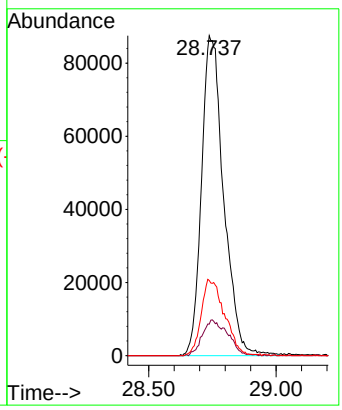





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.196 ng
RT: 28.737 min Scan# 4
Delta R.T. -0.012 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:276 Resp: 52810

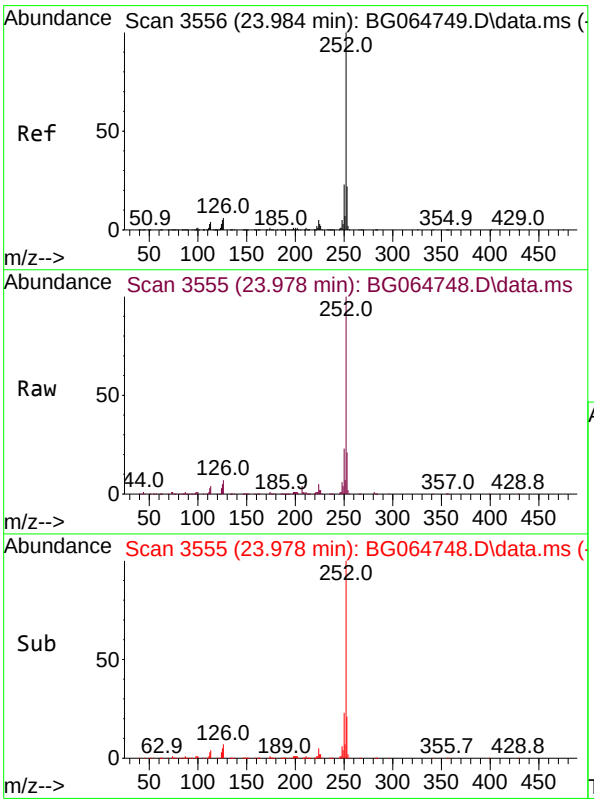
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.6 | 4.5 | 6.7 |
| 277 | 25.0 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

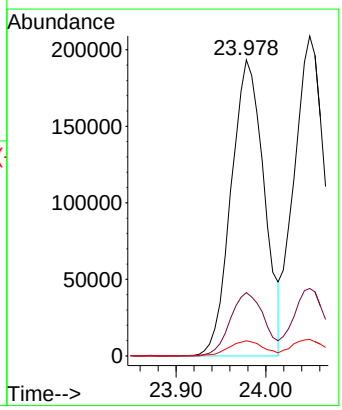
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

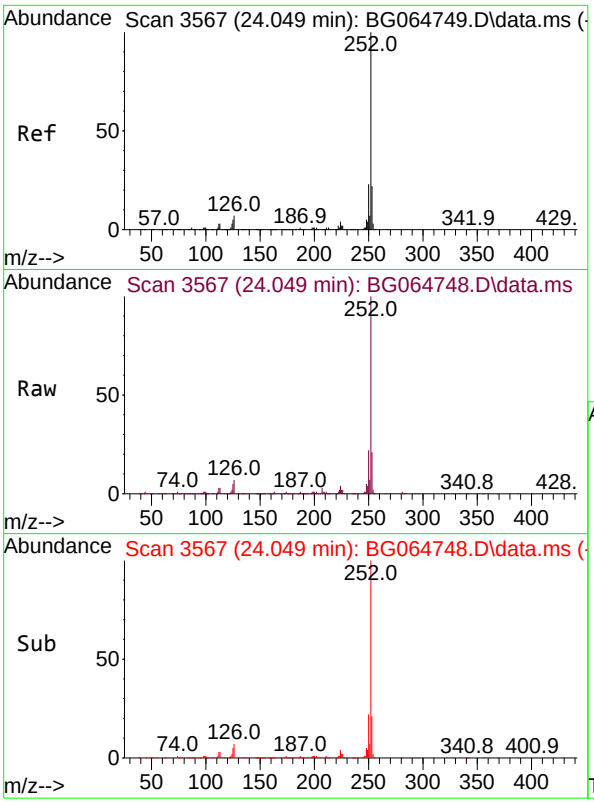



#88
Benzo(b)fluoranthene
Concen: 20.419 ng
RT: 23.978 min Scan# 3555
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:252 Resp: 494588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.4 | 26.2 |
| 125 | 5.1 | 4.2 | 6.2 |

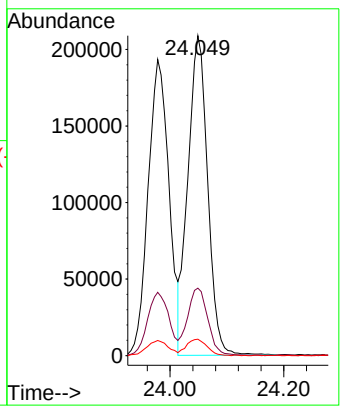





#89
Benzo(k)fluoranthene
Concen: 20.661 ng
RT: 24.049 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:252 Resp: 50278

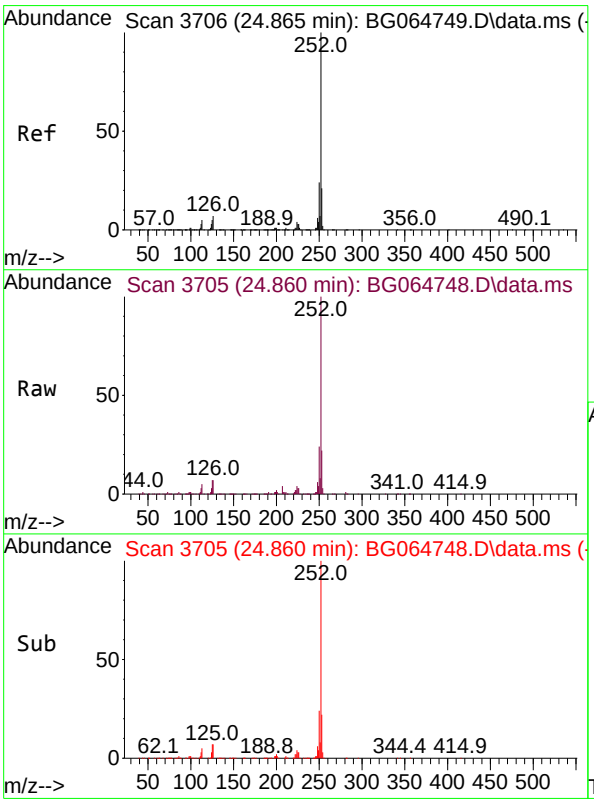
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.8 | 26.8 |
| 125 | 5.1 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

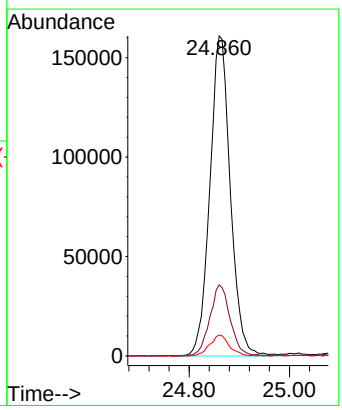
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

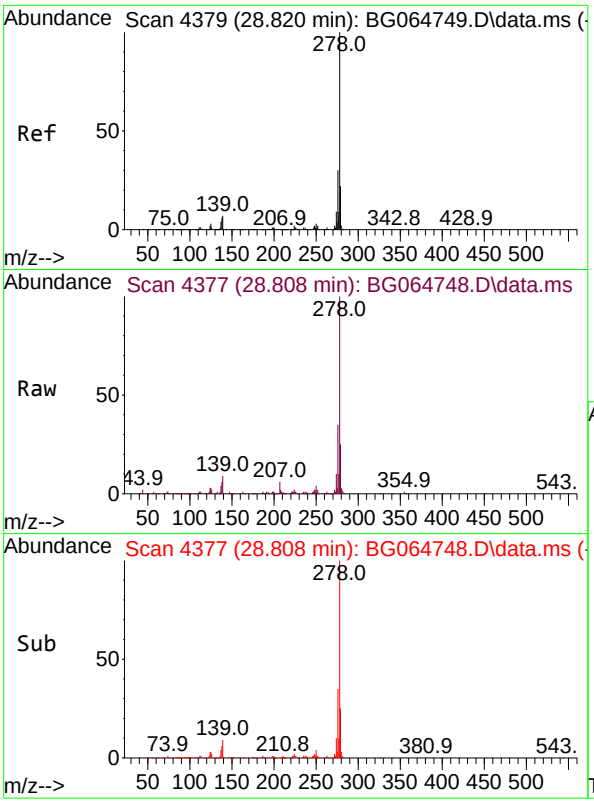



#90
Benzo(a)pyrene
Concen: 20.279 ng
RT: 24.860 min Scan# 3705
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:252 Resp: 455638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 16.9 | 25.3 |
| 125 | 6.5 | 4.2 | 6.4# |

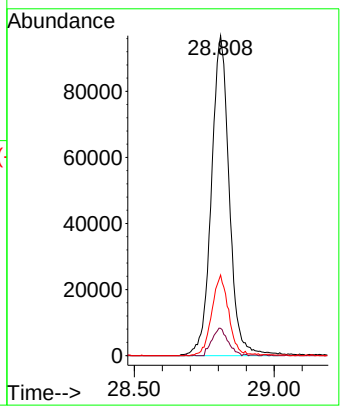





#91
Dibenzo(a,h)anthracene
Concen: 20.043 ng
RT: 28.808 min Scan# 4
Delta R.T. -0.012 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:278 Resp: 42935

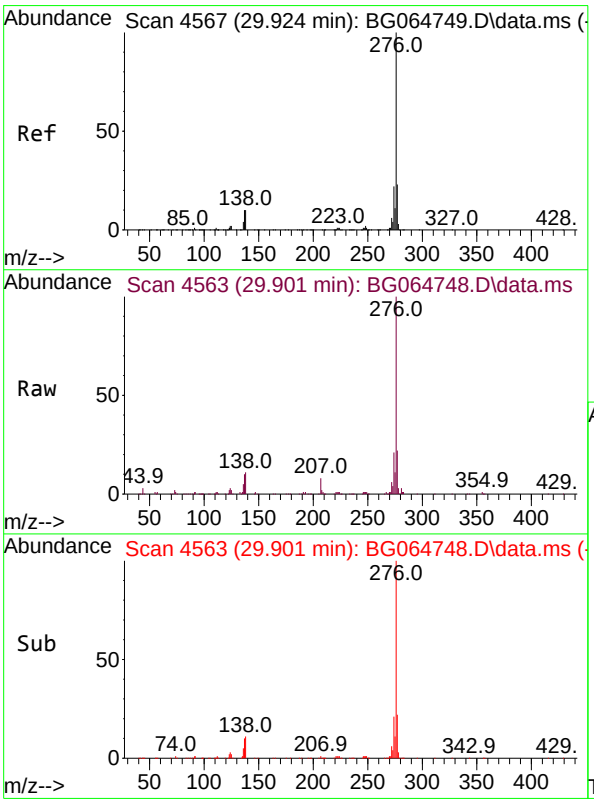
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.5 | 5.8 | 8.8 |
| 279 | 25.2 | 17.3 | 25.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

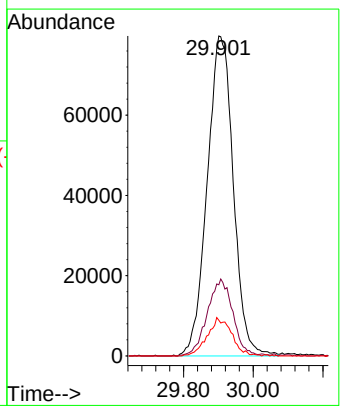
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025




#92
Benzo(g,h,i)perylene
Concen: 20.148 ng
RT: 29.901 min Scan# 4563
Delta R.T. -0.023 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:276 Resp: 415387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.2 | 18.0 | 27.0 |
| 138 | 11.1 | 8.2 | 12.2 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064749.D
Acq On : 12 Nov 2025 14:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:57:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.167 | 152 | 29893 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.987 | 136 | 119709 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.777 | 164 | 96177 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.503 | 188 | 237407 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.757 | 240 | 329177 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.024 | 264 | 372727 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.700 | 112 | 139863 | 81.702 | ng | 0.00 |
| 7) Phenol-d6 | 7.309 | 99 | 188921 | 82.974 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.331 | 82 | 198316 | 81.909 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.252 | 330 | 148361 | 79.094 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.408 | 172 | 546263 | 79.252 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.094 | 244 | 1332639 | 79.636 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.531 | 88 | 27983 | 42.224 | ng | 100 |
| 3) Pyridine | 3.943 | 79 | 81588 | 41.318 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.849 | 42 | 41058 | 40.853 | ng | 100 |
| 6) Aniline | 7.480 | 93 | 126088 | 41.546 | ng | 100 |
| 8) 2-Chlorophenol | 7.727 | 128 | 77911 | 41.449 | ng | 100 |
| 9) Benzaldehyde | 7.292 | 77 | 61503 | 41.265 | ng | 100 |
| 10) Phenol | 7.339 | 94 | 102268 | 41.282 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.574 | 93 | 73774 | 41.850 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 8.056 | 146 | 89183 | 41.233 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 8.202 | 146 | 89723 | 40.738 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.526 | 146 | 88214 | 41.308 | ng | 100 |
| 15) Benzyl Alcohol | 8.396 | 79 | 78013 | 41.743 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.696 | 45 | 169410 | 40.601 | ng | 100 |
| 17) 2-Methylphenol | 8.596 | 107 | 72805 | 41.535 | ng | 100 |
| 18) Hexachloroethane | 9.266 | 117 | 33674 | 40.368 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.972 | 70 | 65561 | 42.586 | ng | 100 |
| 20) 3+4-Methylphenols | 8.925 | 107 | 98567 | 41.047 | ng | 100 |
| 22) Acetophenone | 8.990 | 105 | 134228 | 41.157 | ng | 100 |
| 24) Nitrobenzene | 9.372 | 77 | 99239 | 40.566 | ng | 100 |
| 25) Isophorone | 9.900 | 82 | 183548 | 39.810 | ng | 100 |
| 26) 2-Nitrophenol | 10.083 | 139 | 46262 | 42.042 | ng | 100 |
| 27) 2,4-Dimethylphenol | 10.136 | 122 | 79277 | 40.554 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.376 | 93 | 101634 | 40.152 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.623 | 162 | 87203 | 41.549 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.846 | 180 | 101577 | 40.080 | ng | 100 |
| 31) Naphthalene | 11.034 | 128 | 273246 | 40.266 | ng | 100 |
| 32) Benzoic acid | 10.247 | 122 | 48881m | 36.872 | ng | |
| 33) 4-Chloroaniline | 11.128 | 127 | 112885 | 41.584 | ng | 100 |
| 34) Hexachlorobutadiene | 11.322 | 225 | 87713 | 40.337 | ng | 100 |
| 35) Caprolactam | 11.886 | 113 | 24687 | 39.361 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 12.233 | 107 | 93305 | 39.942 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.627 | 142 | 202114 | 39.800 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.844 | 142 | 199683 | 39.585 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.991 | 216 | 150333 | 40.165 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.973 | 237 | 107795 | 40.179 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 13.220 | 196 | 89524 | 40.752 | ng | 100 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064749.D
Acq On : 12 Nov 2025 14:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 12 16:57:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.291 | 196 | 100121 | 40.636 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.620 | 154 | 274766 | 39.776 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.661 | 162 | 215361 | 39.573 | ng | 100 |
| 48) 2-Nitroaniline | 13.849 | 65 | 71445 | 40.816 | ng | 100 |
| 49) Acenaphthylene | 14.501 | 152 | 371193 | 39.925 | ng | 100 |
| 50) Dimethylphthalate | 14.219 | 163 | 297932 | 39.215 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.336 | 165 | 58753 | 40.189 | ng | 100 |
| 52) Acenaphthene | 14.842 | 154 | 224207 | 40.220 | ng | 100 |
| 53) 3-Nitroaniline | 14.666 | 138 | 58858 | 40.792 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.871 | 184 | 32531 | 37.583 | ng | 100 |
| 55) Dibenzofuran | 15.171 | 168 | 359176 | 38.973 | ng | 100 |
| 56) 4-Nitrophenol | 14.959 | 139 | 46427 | 40.555 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 15.118 | 165 | 88959 | 40.589 | ng | 100 |
| 58) Fluorene | 15.817 | 166 | 282884 | 39.136 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.388 | 232 | 96448 | 39.675 | ng | 100 |
| 60) Diethylphthalate | 15.576 | 149 | 287069 | 39.444 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.805 | 204 | 169253 | 39.017 | ng | 100 |
| 62) 4-Nitroaniline | 15.817 | 138 | 61547 | 41.175 | ng | 100 |
| 63) Azobenzene | 16.093 | 77 | 237589 | 39.248 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.876 | 198 | 55489 | 42.097 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 16.011 | 169 | 255647 | 41.111 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.693 | 248 | 127918 | 41.030 | ng | 100 |
| 68) Hexachlorobenzene | 16.816 | 284 | 151827 | 40.195 | ng | 100 |
| 69) Atrazine | 16.951 | 200 | 120184 | 40.086 | ng | 100 |
| 70) Pentachlorophenol | 17.157 | 266 | 76096 | 37.572 | ng | 100 |
| 71) Phenanthrene | 17.550 | 178 | 521873 | 40.177 | ng | 100 |
| 72) Anthracene | 17.638 | 178 | 528364 | 39.892 | ng | 100 |
| 73) Carbazole | 17.897 | 167 | 460859 | 40.475 | ng | 100 |
| 74) Di-n-butylphthalate | 18.449 | 149 | 511236 | 40.245 | ng | 100 |
| 75) Fluoranthene | 19.542 | 202 | 709557 | 39.948 | ng | 100 |
| 77) Benzidine | 19.707 | 184 | 369544 | 37.485 | ng | 100 |
| 78) Pyrene | 19.901 | 202 | 731495 | 39.650 | ng | 100 |
| 80) Butylbenzylphthalate | 20.770 | 149 | 257466 | 39.676 | ng | 100 |
| 81) Benzo(a)anthracene | 21.740 | 228 | 907919 | 40.563 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.646 | 252 | 340049 | 41.276 | ng | 100 |
| 83) Chrysene | 21.804 | 228 | 861680 | 40.834 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.640 | 149 | 384010 | 40.497 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.868 | 149 | 683175 | 41.680 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.749 | 276 | 1043099 | 40.734 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.984 | 252 | 962053 | 40.559 | ng | 100 |
| 89) Benzo(k)fluoranthene | 24.049 | 252 | 931152 | 39.075 | ng | 100 |
| 90) Benzo(a)pyrene | 24.865 | 252 | 887984 | 40.357 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.820 | 278 | 858362 | 40.917 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.924 | 276 | 823658 | 40.796 | ng | 100 |

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

ICAL Form

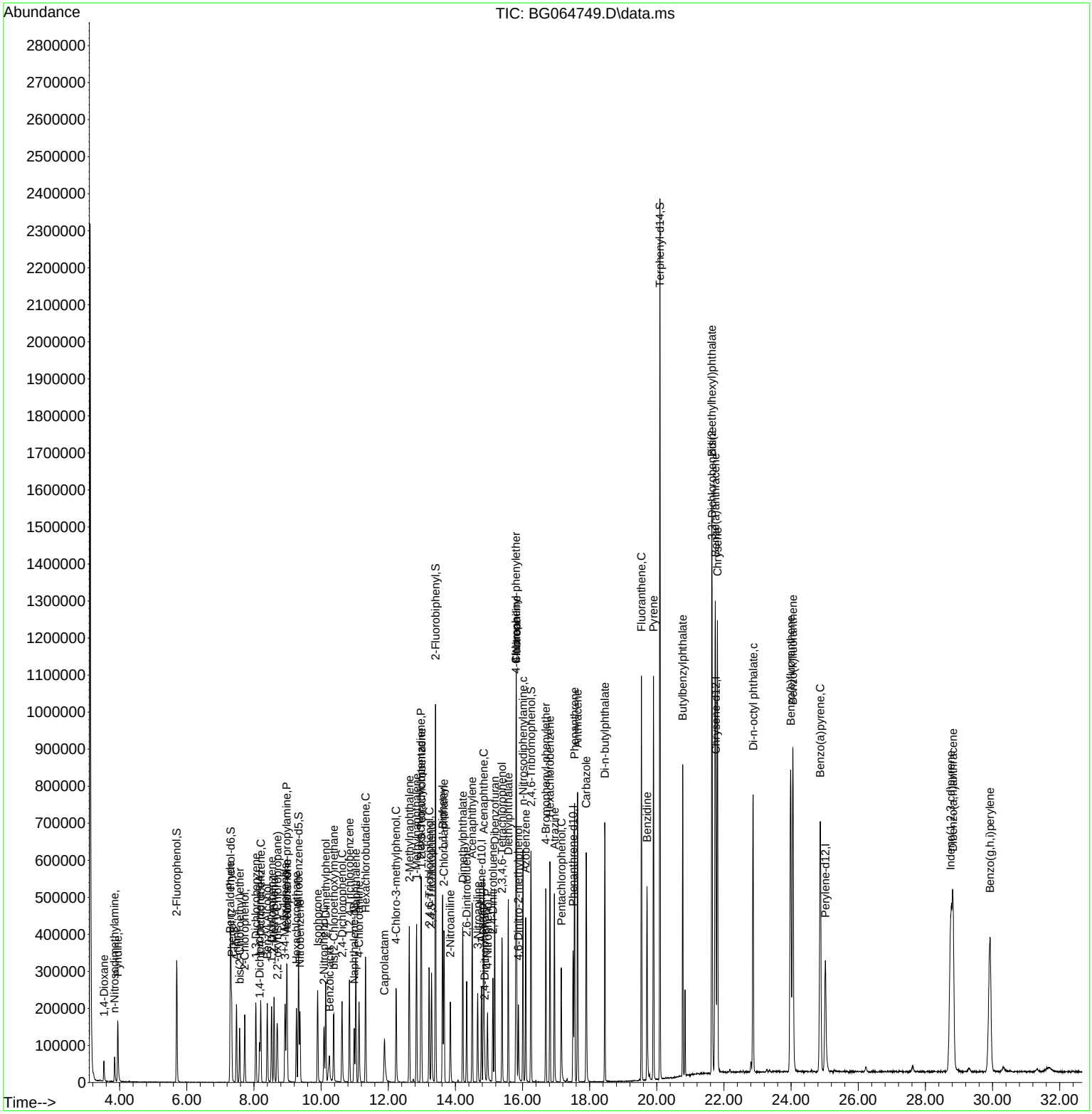
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064749.D
Acq On : 12 Nov 2025 14:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

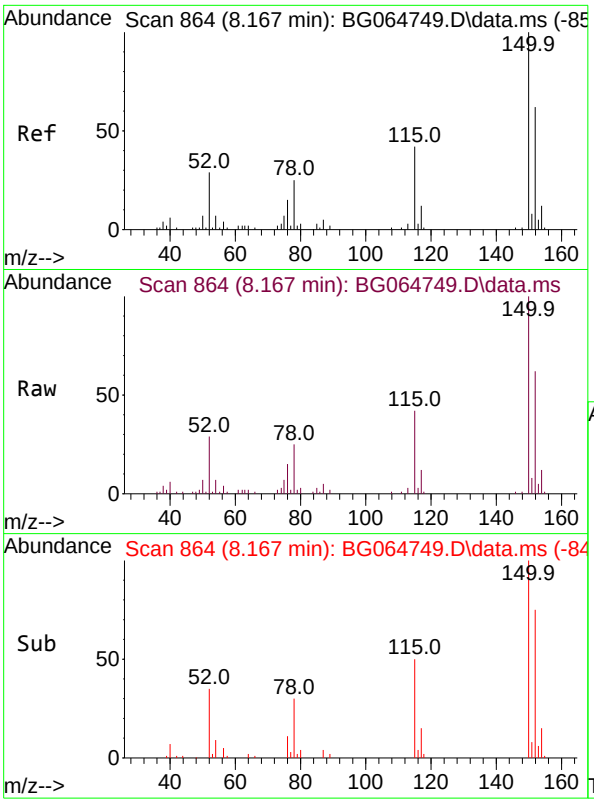
Quant Time: Nov 12 16:57:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

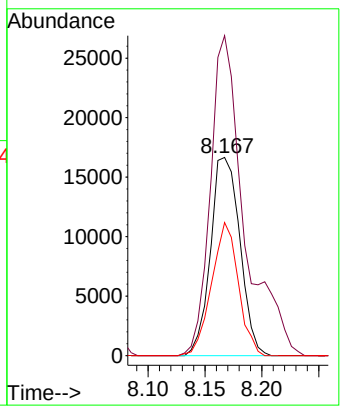





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.167 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:152 Resp: 2989

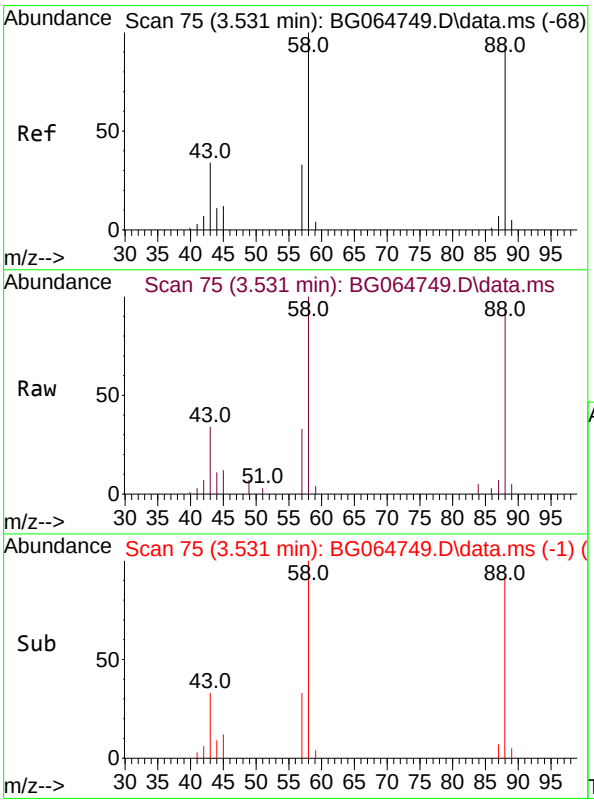
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.5 | 129.2 | 193.8 |
| 115 | 67.1 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

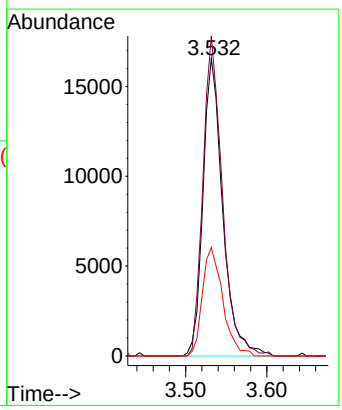
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

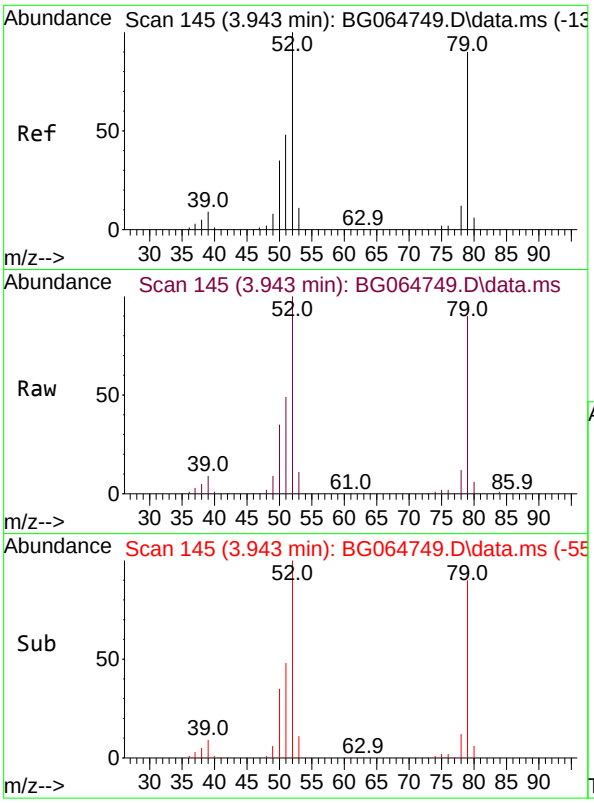



#2
1,4-Dioxane
Concen: 42.224 ng
RT: 3.531 min Scan# 75
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 88 Resp: 27983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 105.7 | 84.6 | 126.8 |
| 43 | 37.5 | 30.0 | 45.0 |

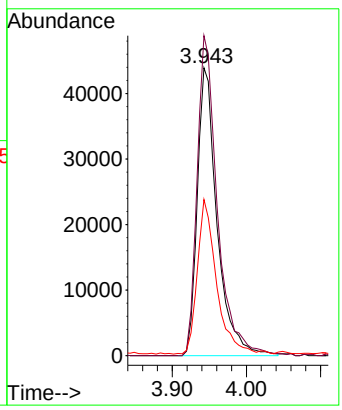





#3
Pyridine
Concen: 41.318 ng
RT: 3.943 min Scan# 14
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 79 Resp: 8158

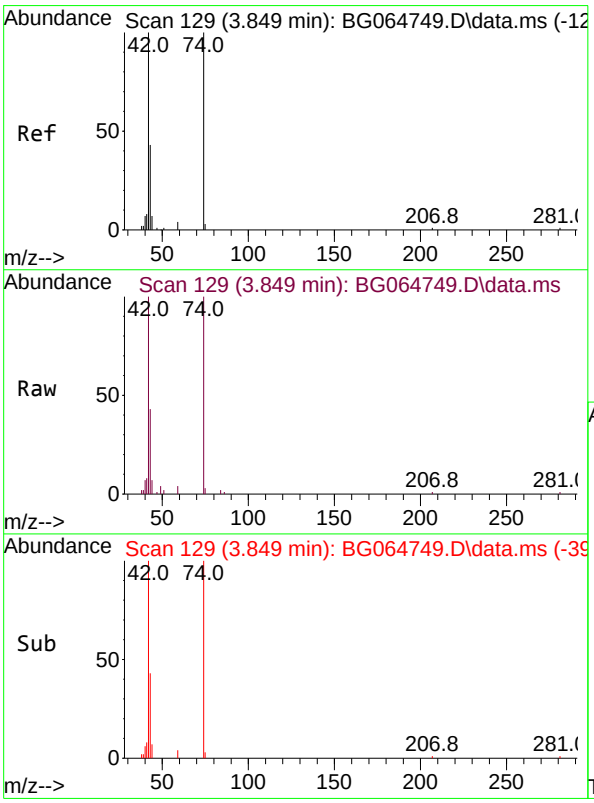
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 111.2 | 89.0 | 133.4 |
| 51 | 54.2 | 43.4 | 65.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

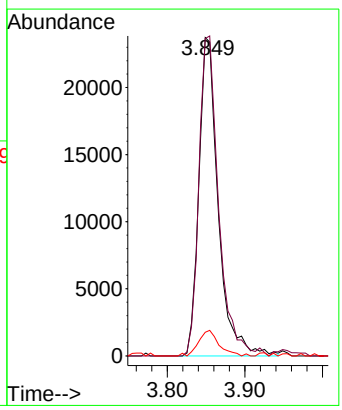
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

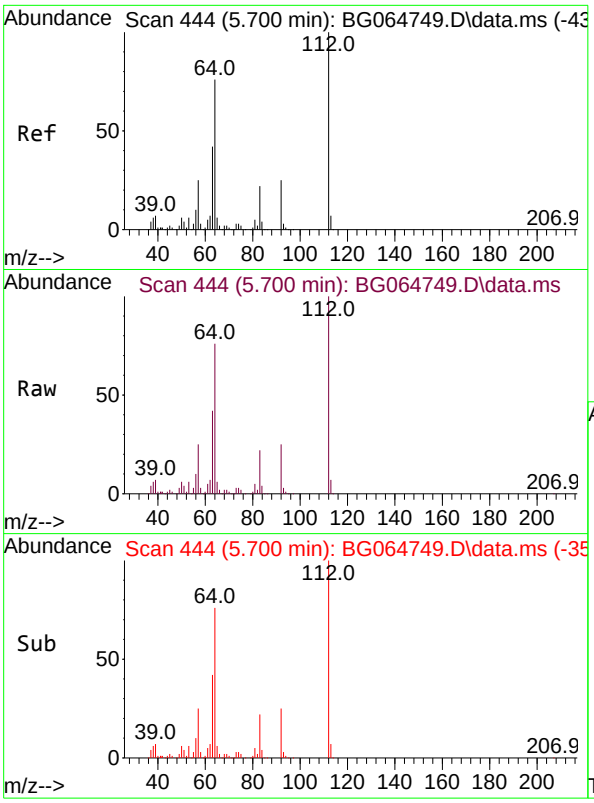



#4
n-Nitrosodimethylamine
Concen: 40.853 ng
RT: 3.849 min Scan# 129
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 42 Resp: 41058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 99.7 | 79.8 | 119.6 |
| 44 | 7.4 | 5.9 | 8.9 |






#5
2-Fluorophenol
Concen: 81.702 ng
RT: 5.700 min Scan# 44
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

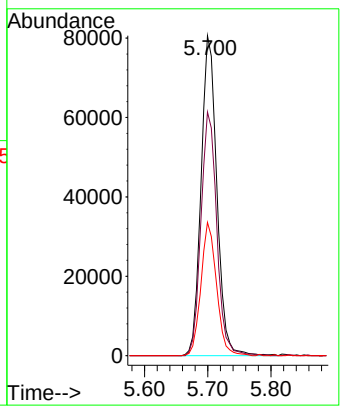
Tgt Ion:112 Resp: 13986

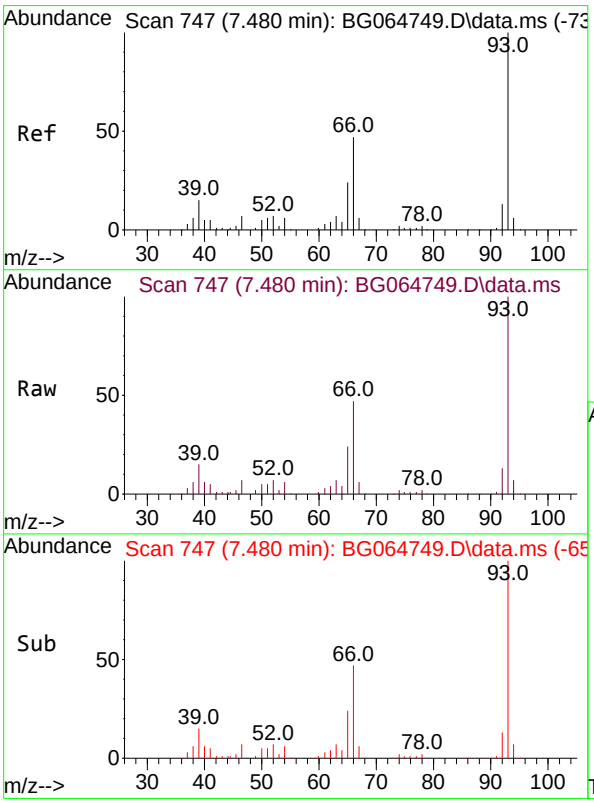
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 76.2 | 61.0 | 91.4 |
| 63 | 41.6 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

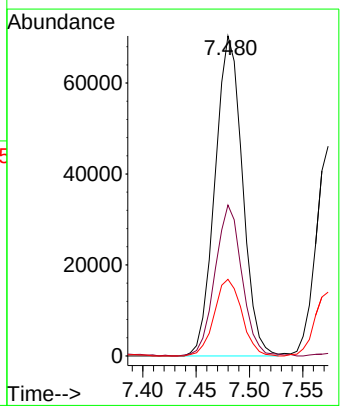


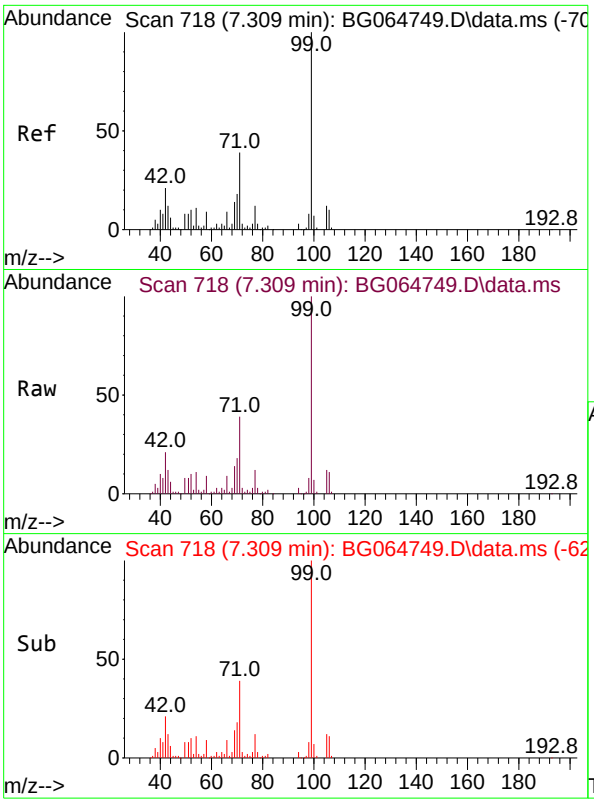




#6
Aniline
Concen: 41.546 ng
RT: 7.480 min Scan# 747
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 93 Resp: 126088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 47.1 | 37.7 | 56.5 |
| 65 | 23.9 | 19.1 | 28.7 |

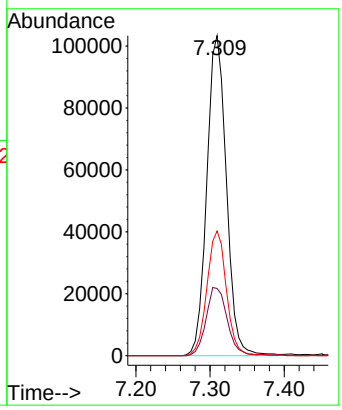





#7
Phenol-d6
Concen: 82.974 ng
RT: 7.309 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 99 Resp: 188921

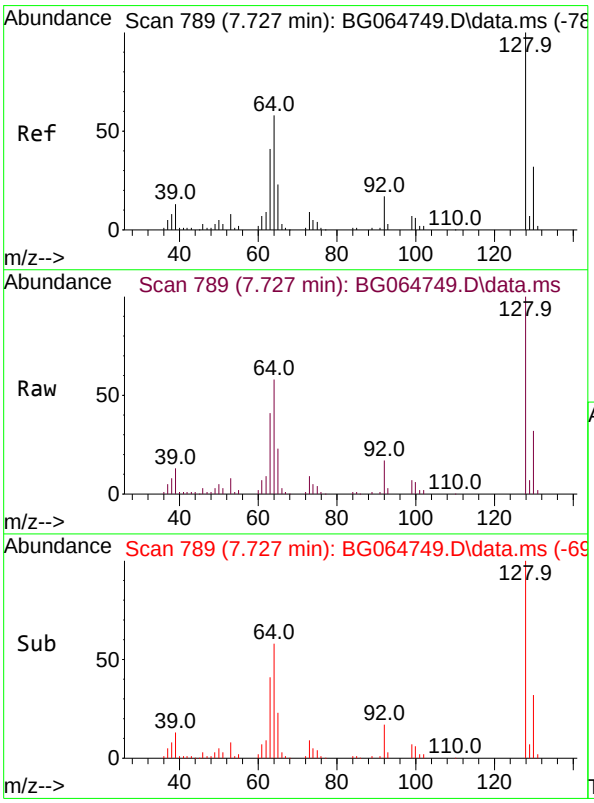
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.0 | 16.8 | 25.2 |
| 71 | 38.9 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

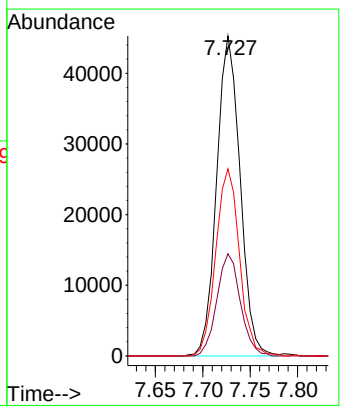
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

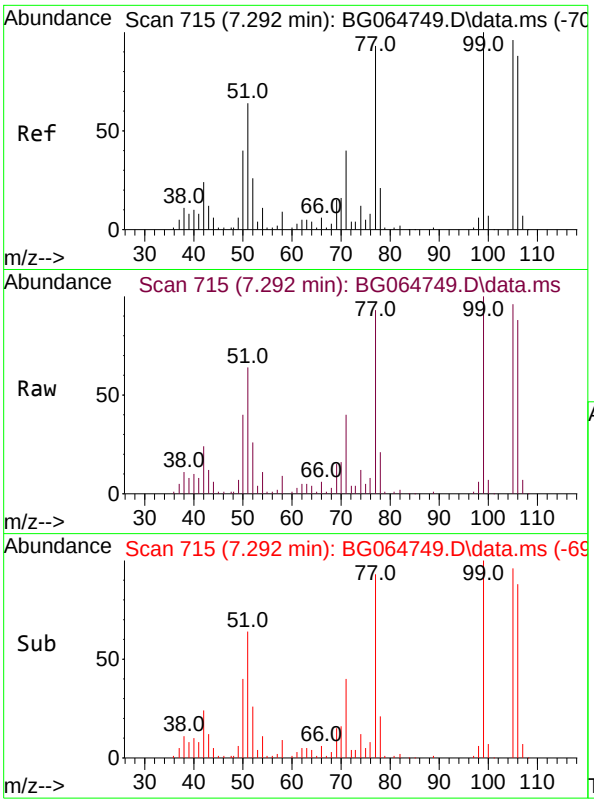



#8
2-Chlorophenol
Concen: 41.449 ng
RT: 7.727 min Scan# 789
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:128 Resp: 77911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.9 | 11.9 | 51.9 |
| 64 | 58.4 | 38.4 | 78.4 |

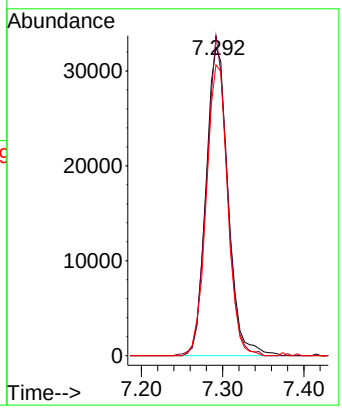





#9
Benzaldehyde
Concen: 41.265 ng
RT: 7.292 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 77 Resp: 6150

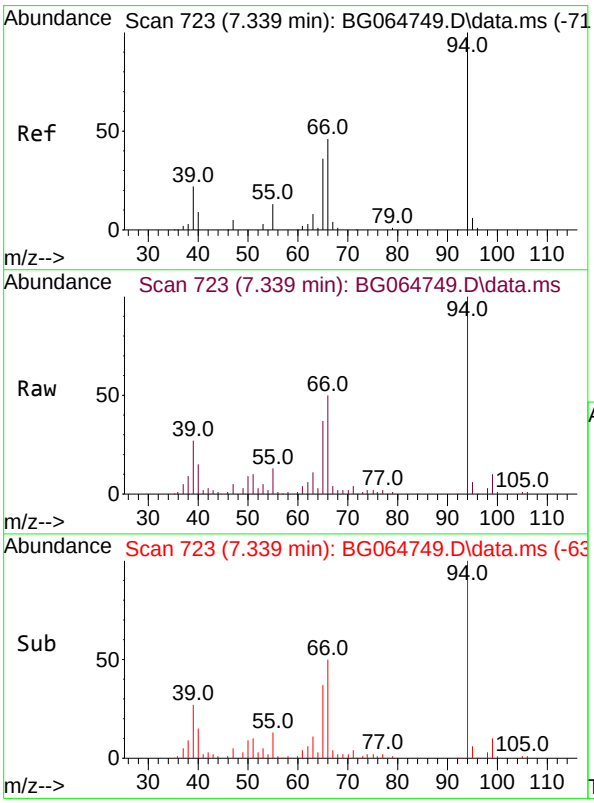
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.8 | 83.8 | 123.8 |
| 106 | 94.3 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

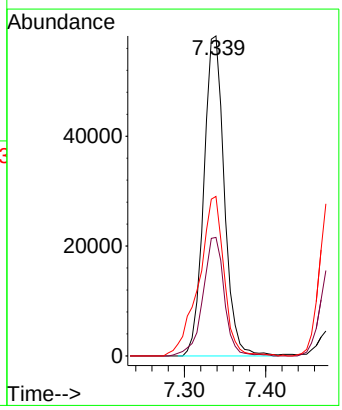
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

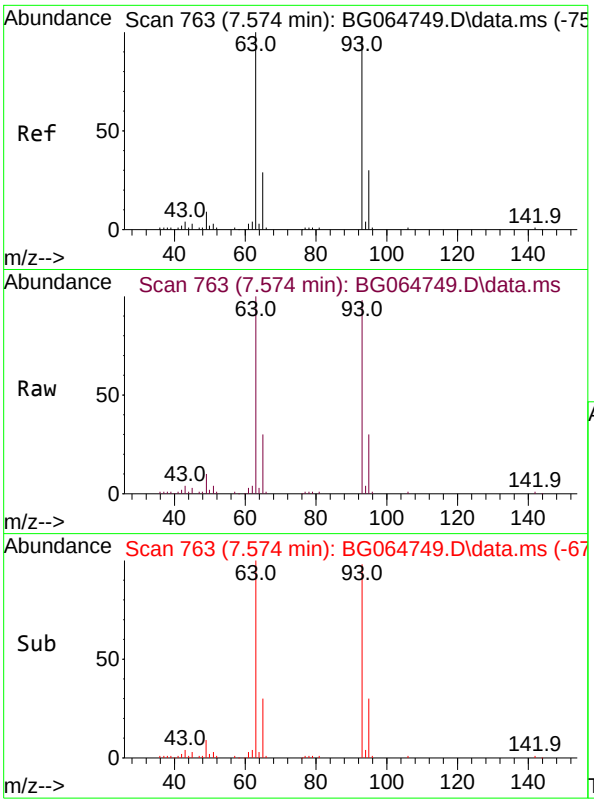



#10
Phenol
Concen: 41.282 ng
RT: 7.339 min Scan# 723
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 94 Resp: 102268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.0 | 17.0 | 57.0 |
| 66 | 49.8 | 29.8 | 69.8 |

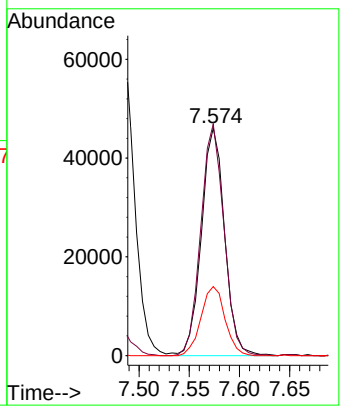





#11
bis(2-Chloroethyl)ether
Concen: 41.850 ng
RT: 7.574 min Scan# 7
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 93 Resp: 7377

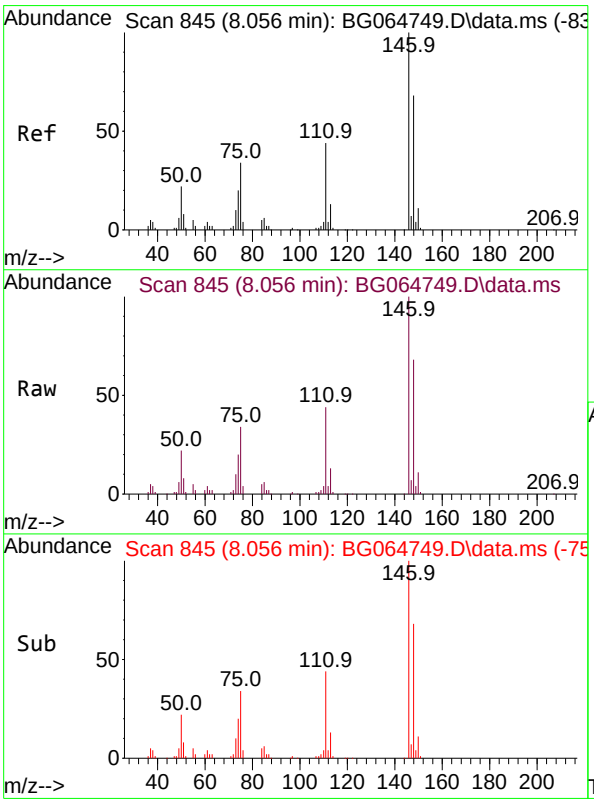
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 101.8 | 81.8 | 121.8 |
| 95 | 30.3 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

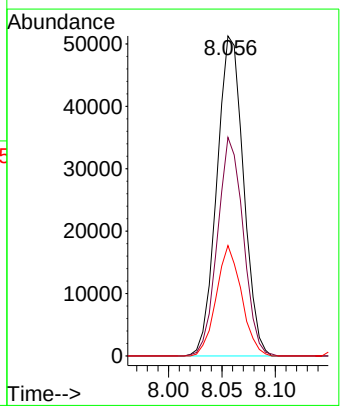
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

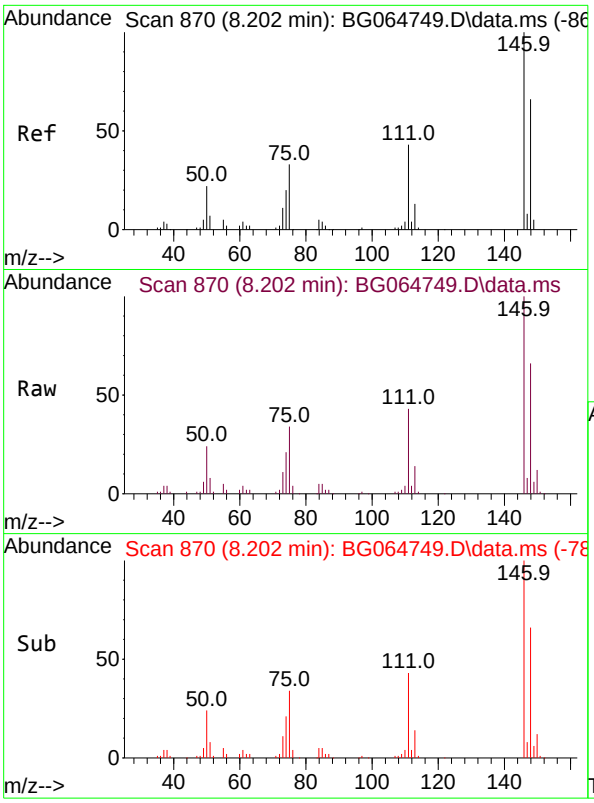



#12
1,3-Dichlorobenzene
Concen: 41.233 ng
RT: 8.056 min Scan# 845
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:146 Resp: 89183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.3 | 54.6 | 82.0 |
| 75 | 34.5 | 27.6 | 41.4 |

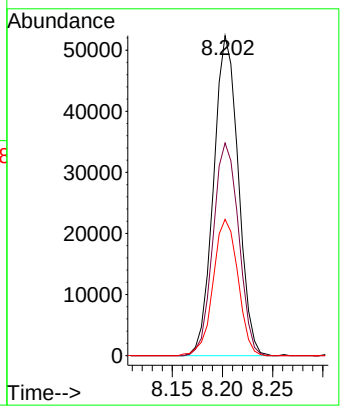





#13
1,4-Dichlorobenzene
Concen: 40.738 ng
RT: 8.202 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:146 Resp: 8972

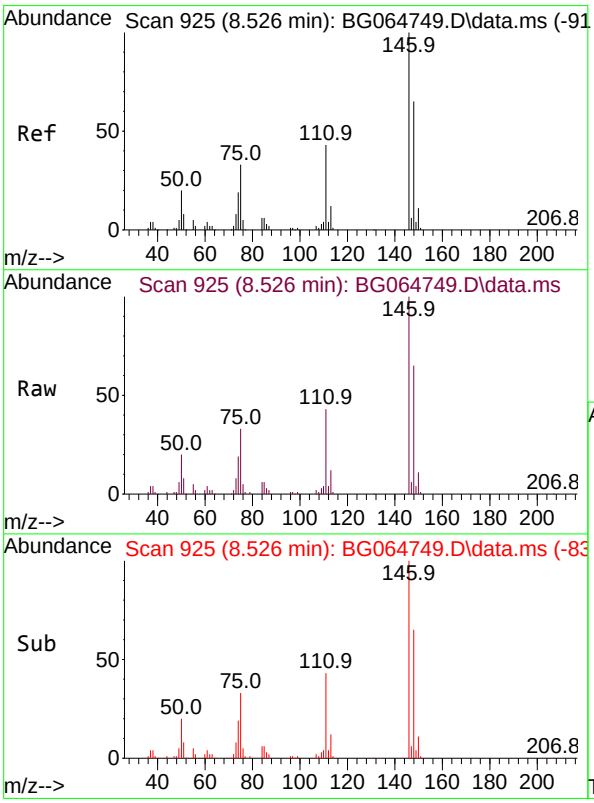
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.4 | 53.1 | 79.7 |
| 111 | 42.6 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

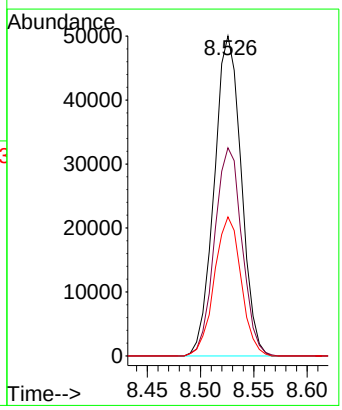
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

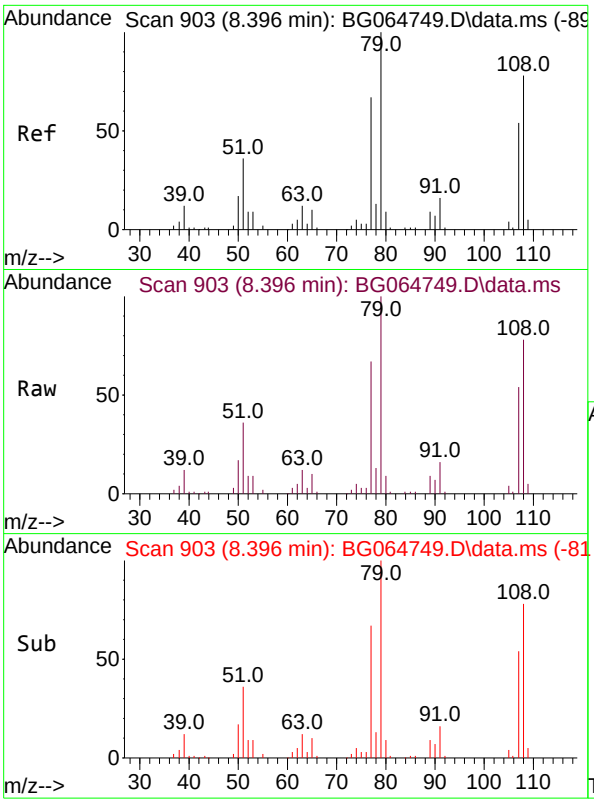



#14
1,2-Dichlorobenzene
Concen: 41.308 ng
RT: 8.526 min Scan# 925
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:146 Resp: 88214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 52.0 | 78.0 |
| 111 | 43.4 | 34.7 | 52.1 |

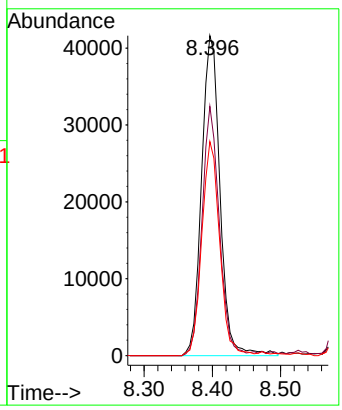





#15
Benzyl Alcohol
Concen: 41.743 ng
RT: 8.396 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 79 Resp: 7801

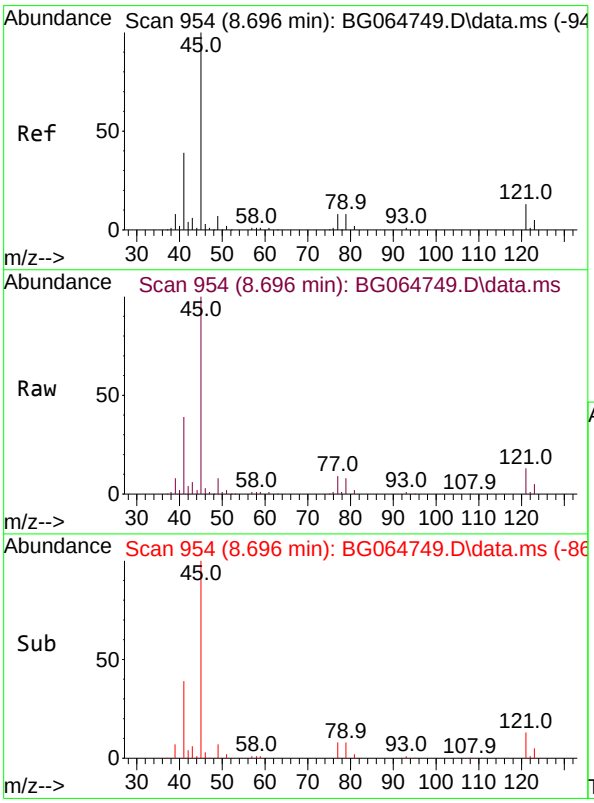
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.9 | 62.3 | 93.5 |
| 77 | 66.9 | 53.5 | 80.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

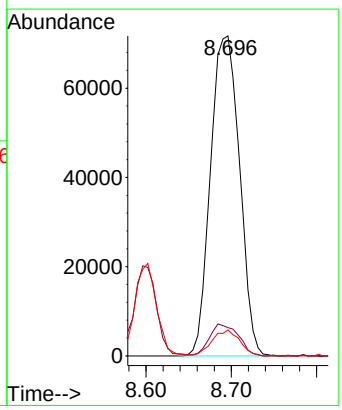
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

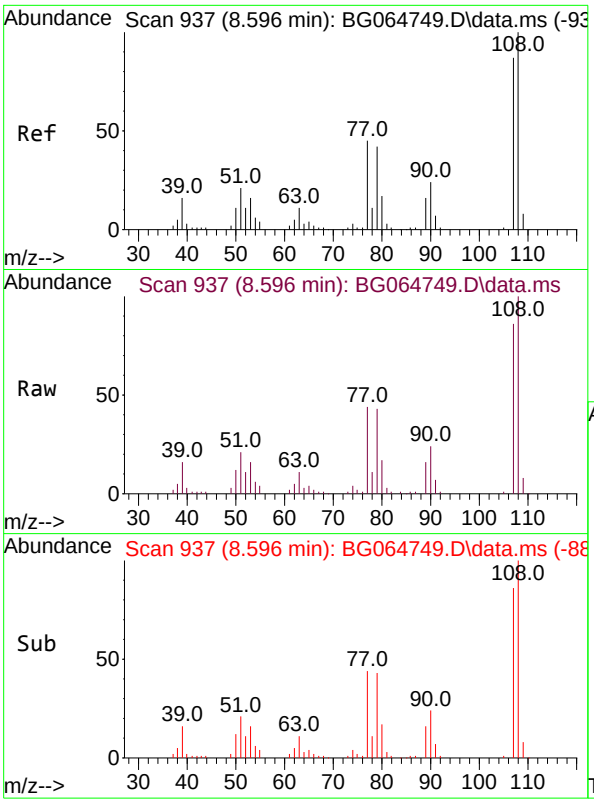



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.601 ng
RT: 8.696 min Scan# 954
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 45 Resp: 169410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 8.8 | 0.0 | 28.8 |
| 79 | 8.1 | 0.0 | 28.1 |

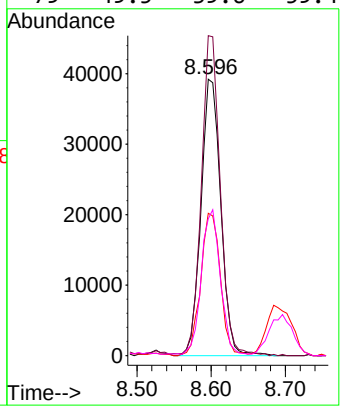





#17
2-Methylphenol
Concen: 41.535 ng
RT: 8.596 min Scan# 9
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:107 Resp: 7280

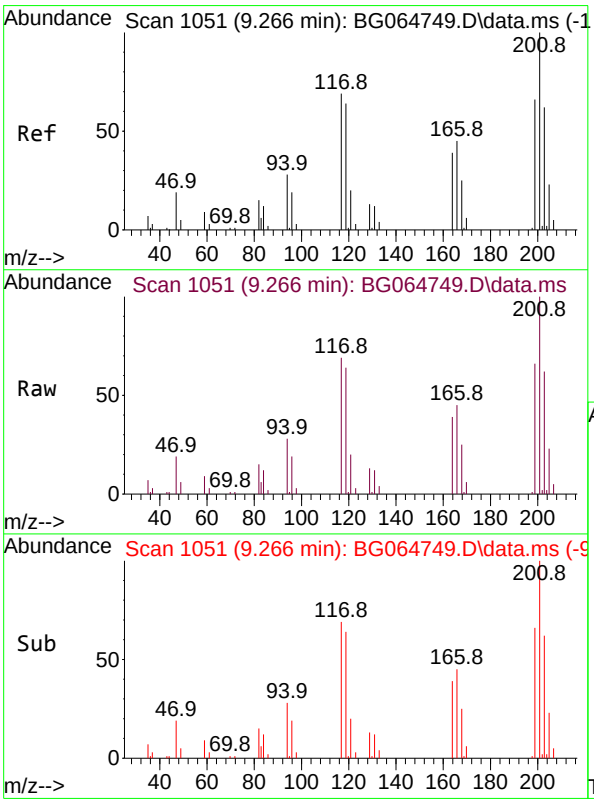
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.7 | 92.6 | 138.8 |
| 77 | 51.5 | 41.2 | 61.8 |
| 79 | 49.5 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

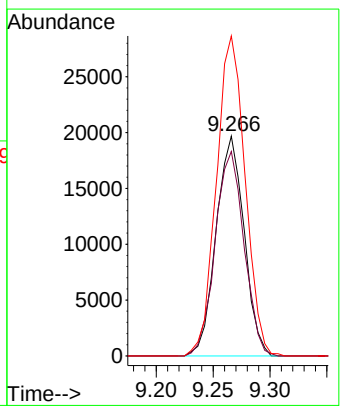
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

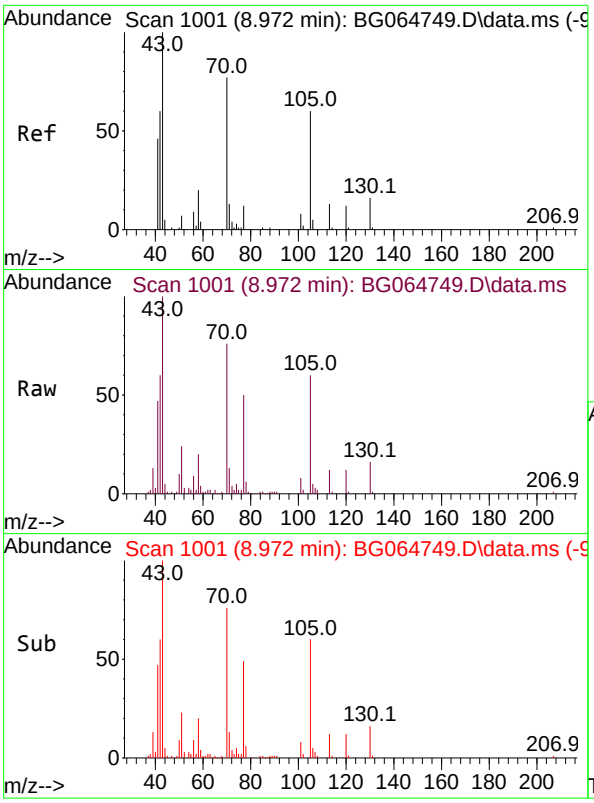



#18
Hexachloroethane
Concen: 40.368 ng
RT: 9.266 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:117 Resp: 33674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.0 | 74.4 | 111.6 |
| 201 | 145.6 | 116.5 | 174.7 |

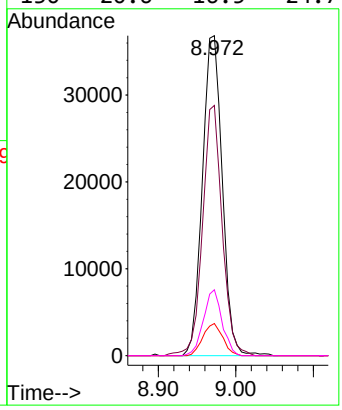





#19
n-Nitroso-di-n-propylamine
Concen: 42.586 ng
RT: 8.972 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 70 Resp: 6556

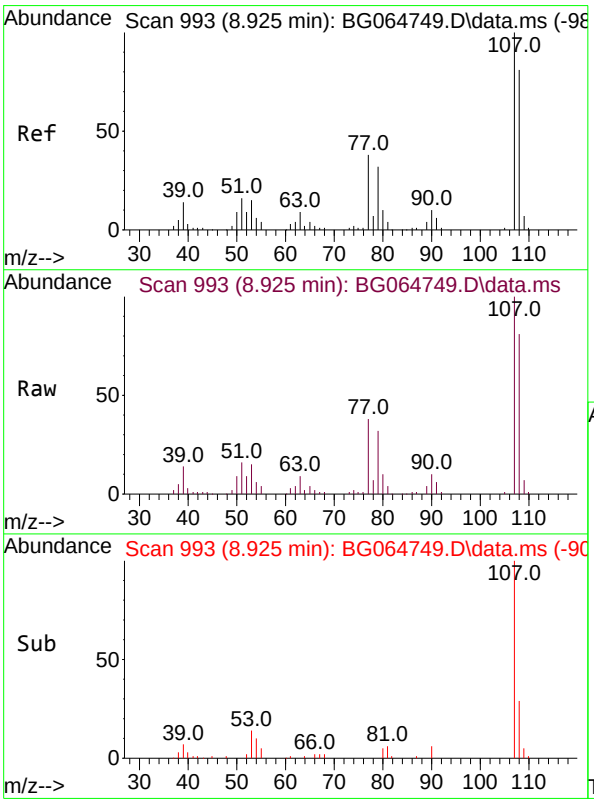
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 78.2 | 62.6 | 93.8 |
| 101 | 10.0 | 8.0 | 12.0 |
| 130 | 20.6 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

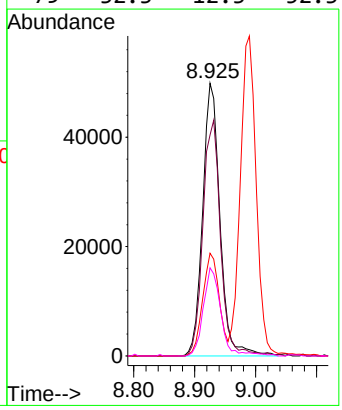
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

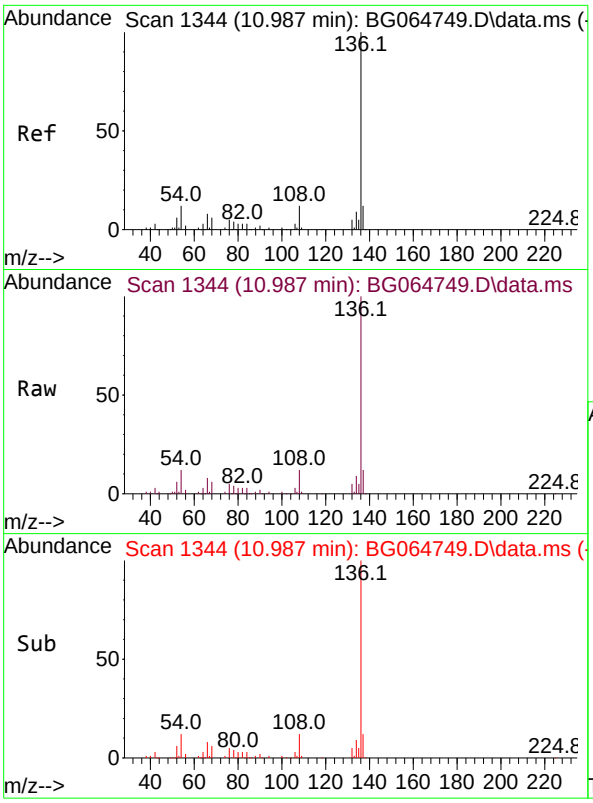



#20
3+4-Methylphenols
Concen: 41.047 ng
RT: 8.925 min Scan# 993
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:107 Resp: 98567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 81.0 | 61.0 | 101.0 |
| 77 | 37.6 | 17.6 | 57.6 |
| 79 | 32.3 | 12.3 | 52.3 |

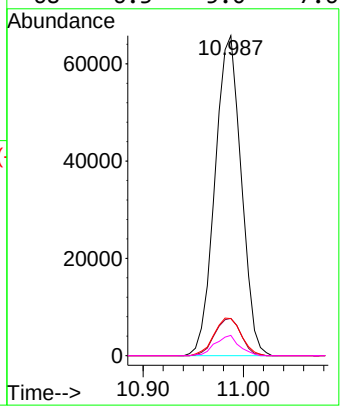





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:136 Resp: 11970

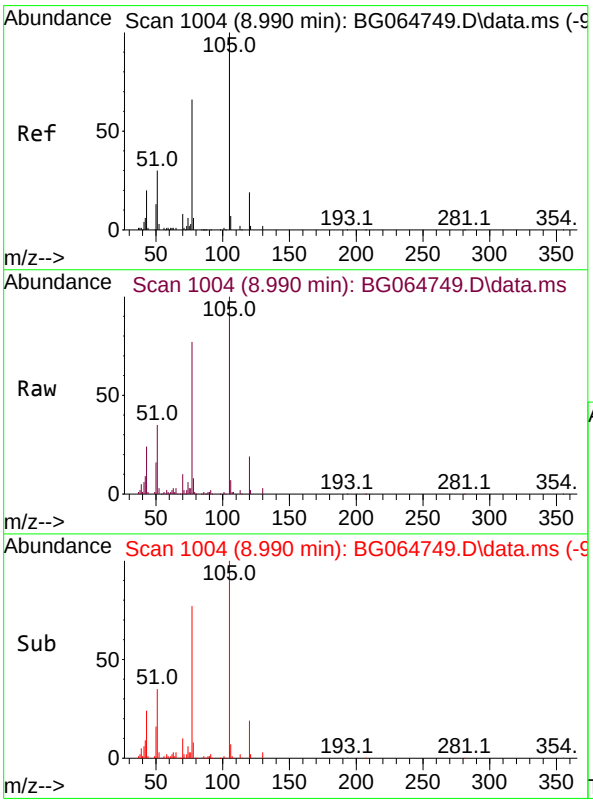
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.3 | 13.9 |
| 54 | 11.6 | 9.3 | 13.9 |
| 68 | 6.3 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

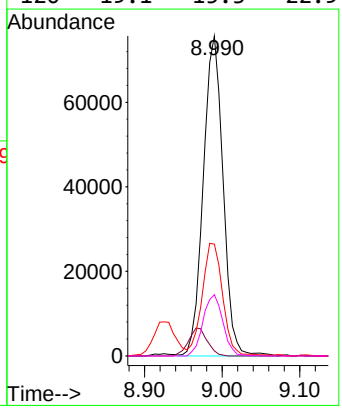
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

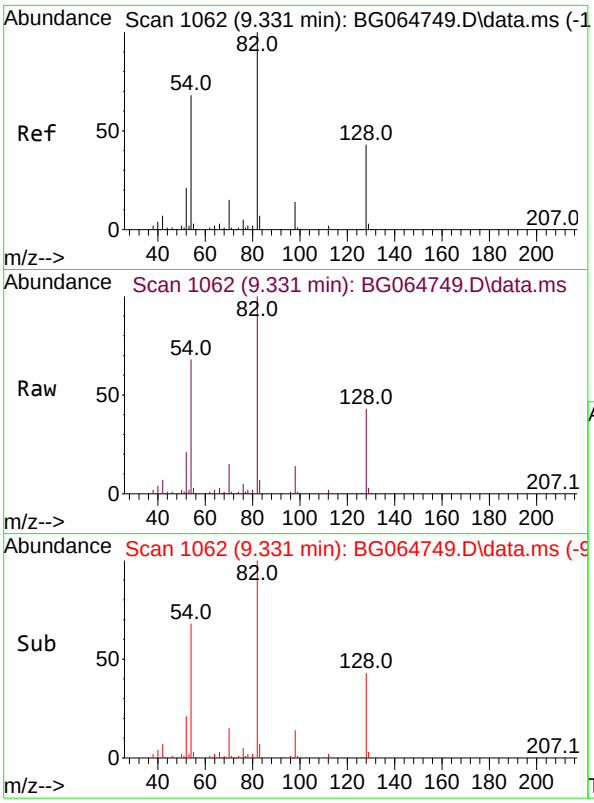



#22
Acetophenone
Concen: 41.157 ng
RT: 8.990 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:105 Resp: 134228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.6 | 1.3 | 1.9 |
| 51 | 34.9 | 27.9 | 41.9 |
| 120 | 19.1 | 15.3 | 22.9 |

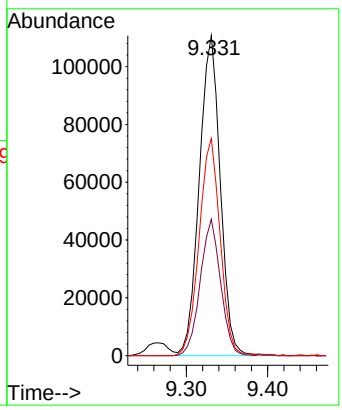





#23
Nitrobenzene-d5
Concen: 81.909 ng
RT: 9.331 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 82 Resp: 19831

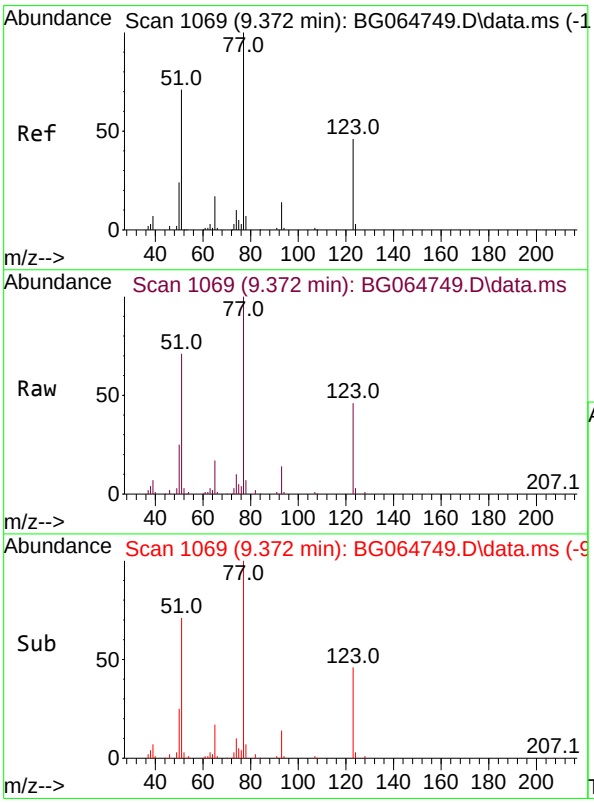
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.6 | 34.1 | 51.1 |
| 54 | 67.9 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

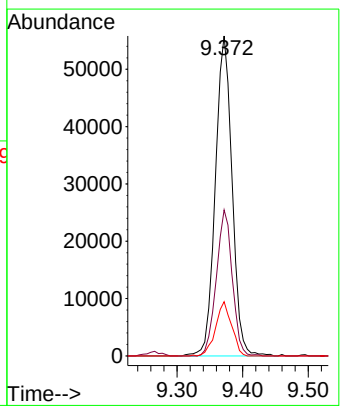
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

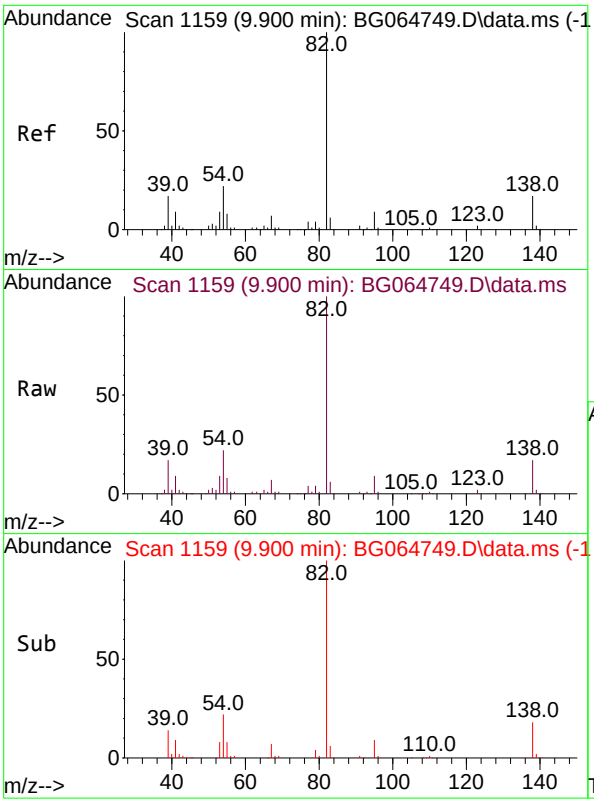



#24
Nitrobenzene
Concen: 40.566 ng
RT: 9.372 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 77 Resp: 99239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.6 | 36.5 | 54.7 |
| 65 | 16.9 | 13.5 | 20.3 |

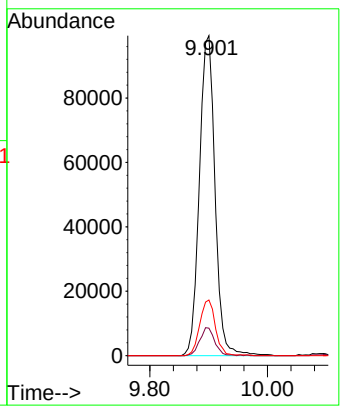





#25
Isophorone
Concen: 39.810 ng
RT: 9.900 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 82 Resp: 183548

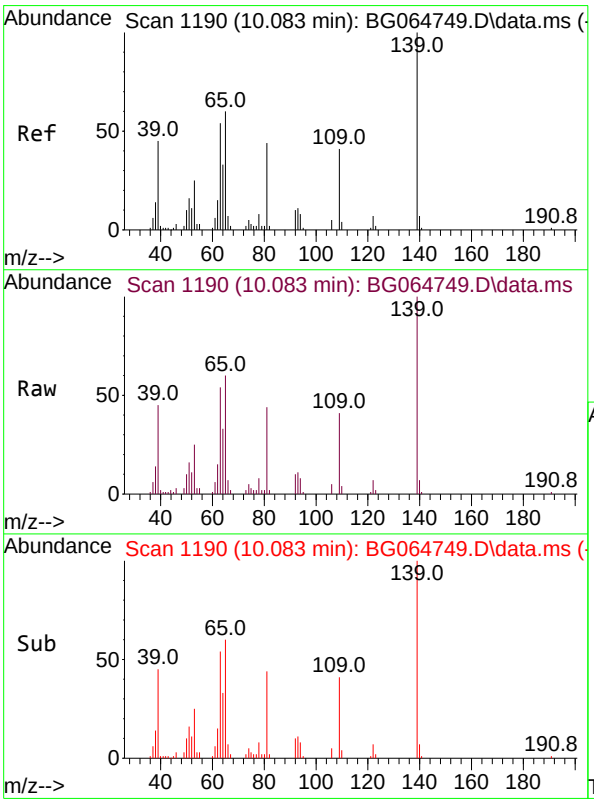
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.6 | 6.9 | 10.3 |
| 138 | 17.4 | 13.9 | 20.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

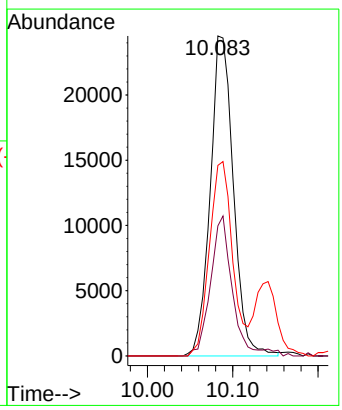
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

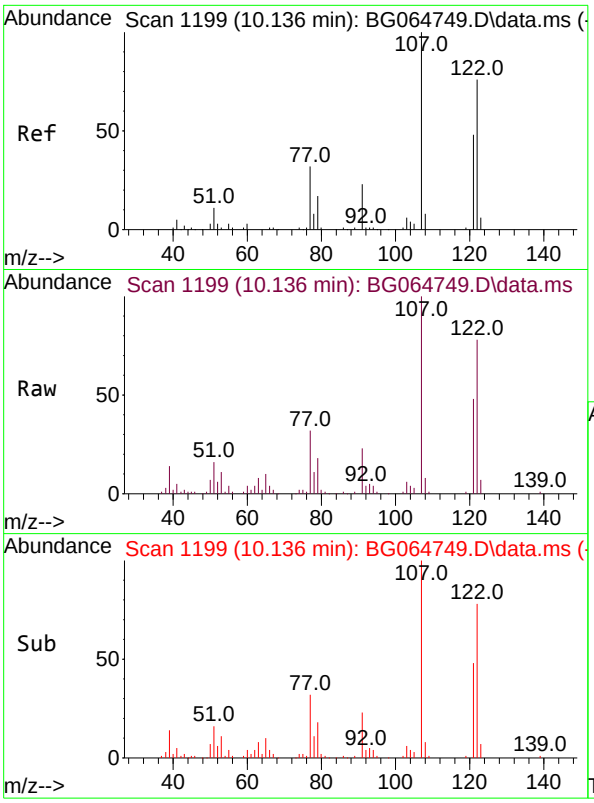



#26
2-Nitrophenol
Concen: 42.042 ng
RT: 10.083 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:139 Resp: 46262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 40.6 | 32.5 | 48.7 |
| 65 | 59.5 | 47.6 | 71.4 |

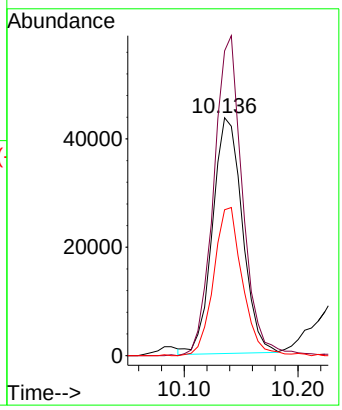





#27
2,4-Dimethylphenol
Concen: 40.554 ng
RT: 10.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:122 Resp: 7927

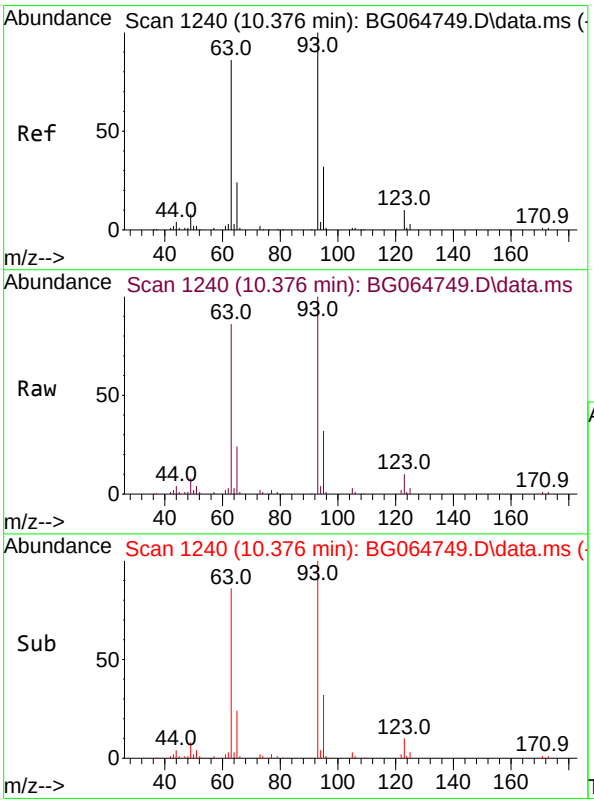
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 128.1 | 102.5 | 153.7 |
| 121 | 61.3 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

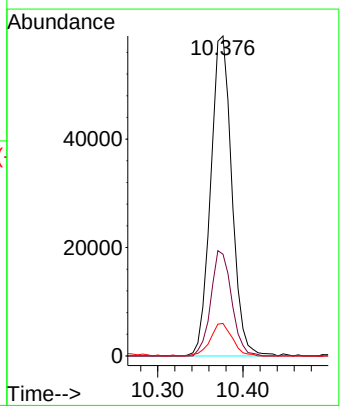
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

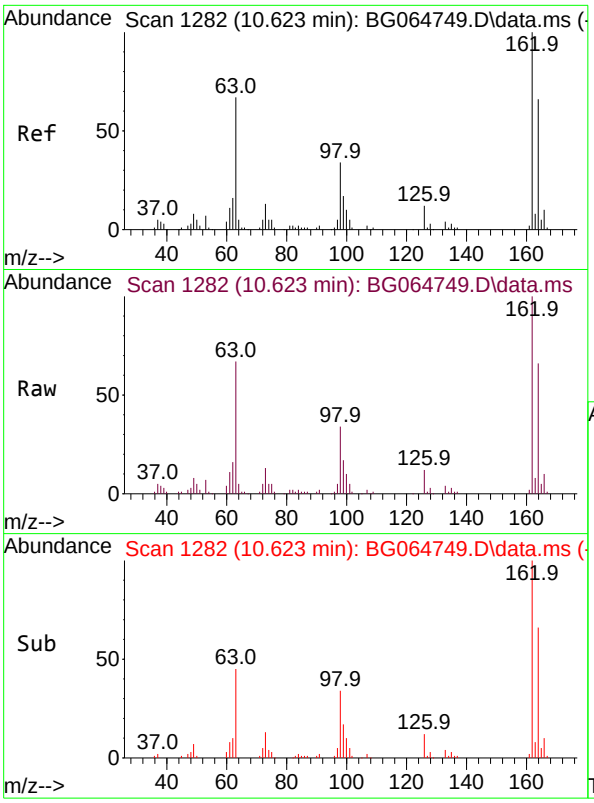



#28
bis(2-Chloroethoxy)methane
Concen: 40.152 ng
RT: 10.376 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 93 Resp: 101634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.8 | 25.4 | 38.2 |
| 123 | 10.1 | 8.1 | 12.1 |

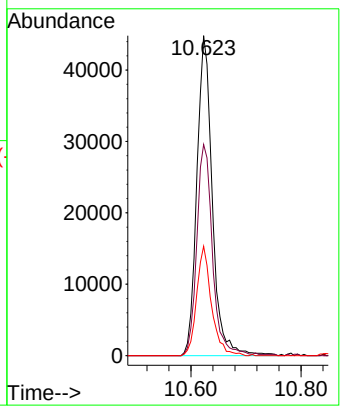





#29
2,4-Dichlorophenol
Concen: 41.549 ng
RT: 10.623 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:162 Resp: 8720

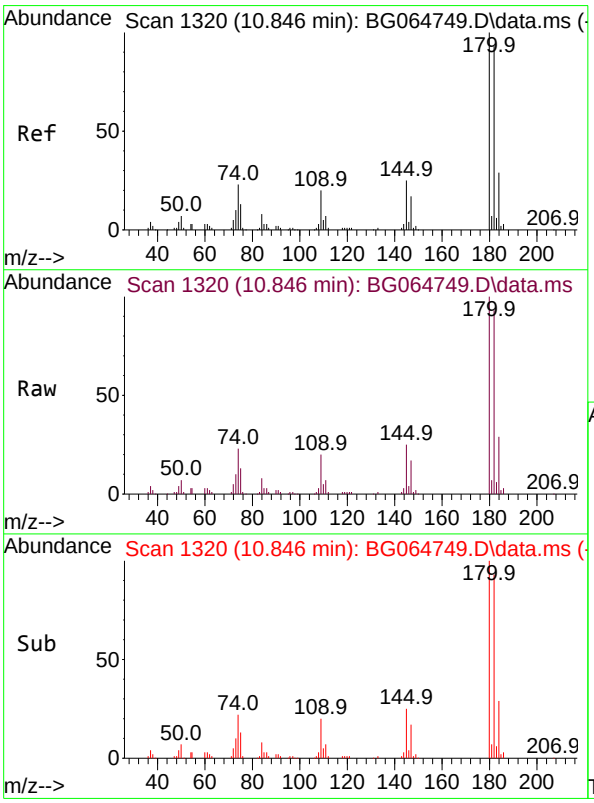
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.0 | 46.0 | 86.0 |
| 98 | 34.2 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

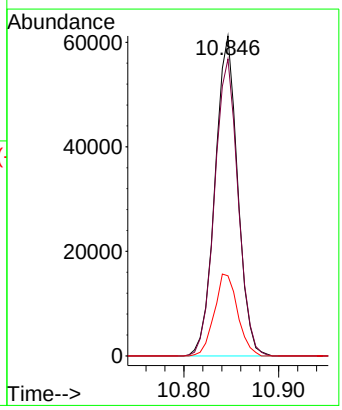
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

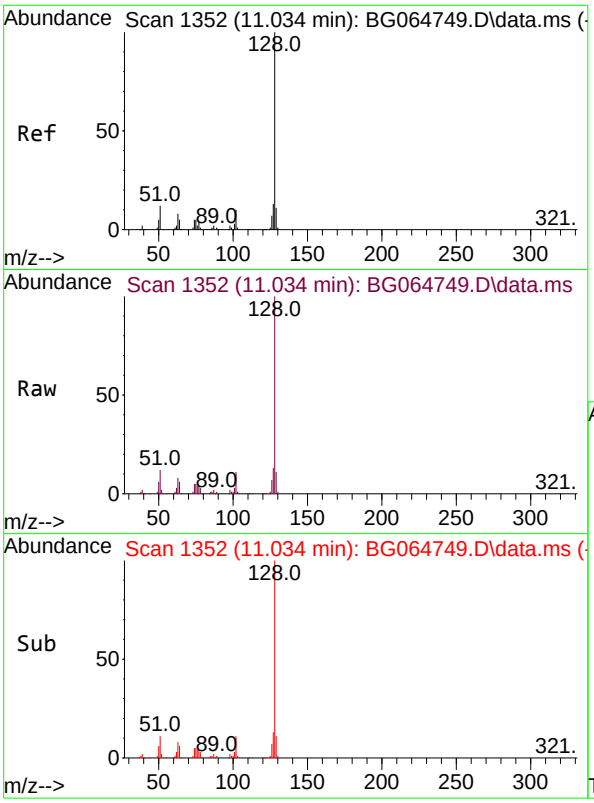



#30
1,2,4-Trichlorobenzene
Concen: 40.080 ng
RT: 10.846 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:180 Resp: 101577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.8 | 74.2 | 111.4 |
| 145 | 25.0 | 20.0 | 30.0 |

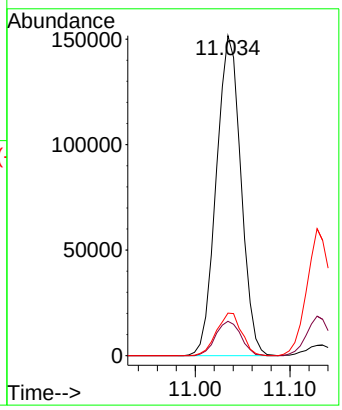





#31
Naphthalene
Concen: 40.266 ng
RT: 11.034 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:128 Resp: 27324

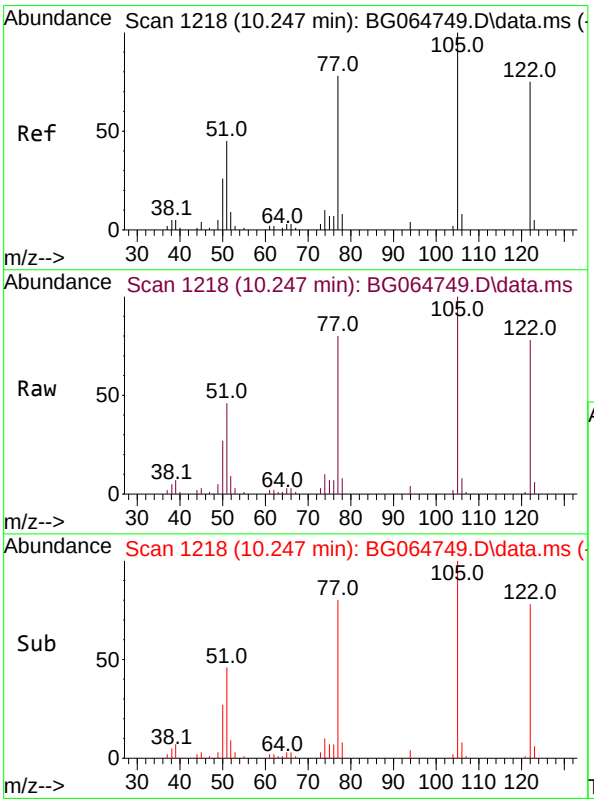
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.6 | 12.8 |
| 127 | 13.3 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

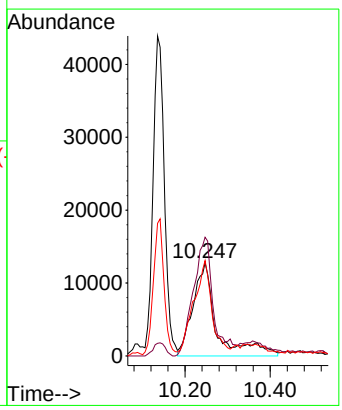
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

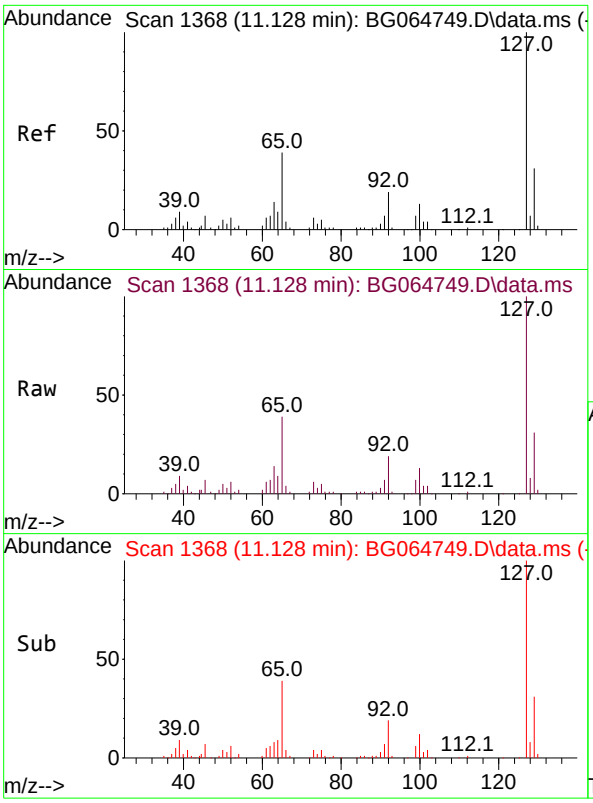



#32
Benzoic acid
Concen: 36.872 ng m
RT: 10.247 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:122 Resp: 48881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.6 | 107.6 | 147.6 |
| 77 | 102.5 | 82.5 | 122.5 |

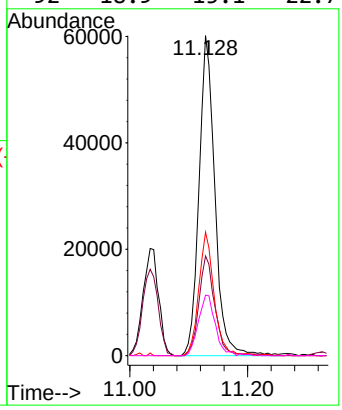





#33
4-Chloroaniline
Concen: 41.584 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:127 Resp: 11288

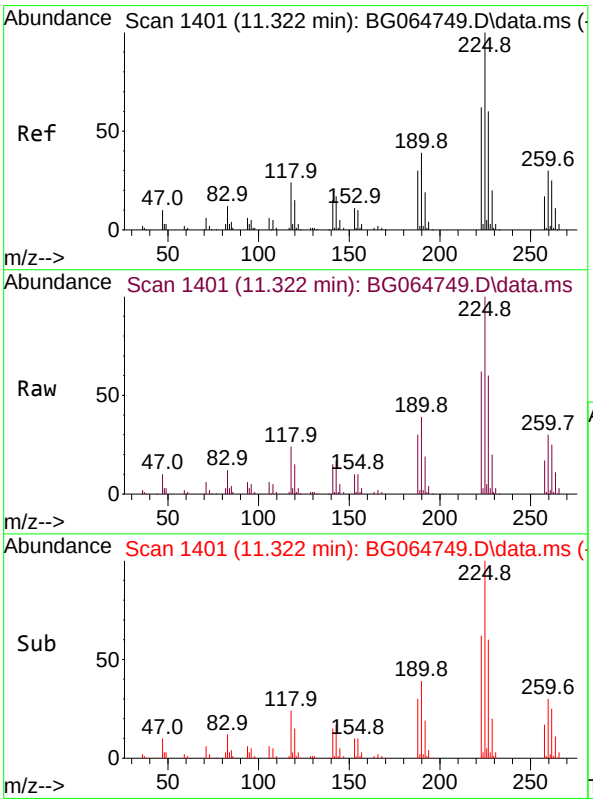
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.1 | 24.9 | 37.3 |
| 65 | 38.6 | 30.9 | 46.3 |
| 92 | 18.9 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

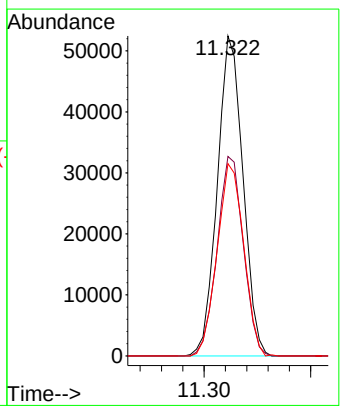
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

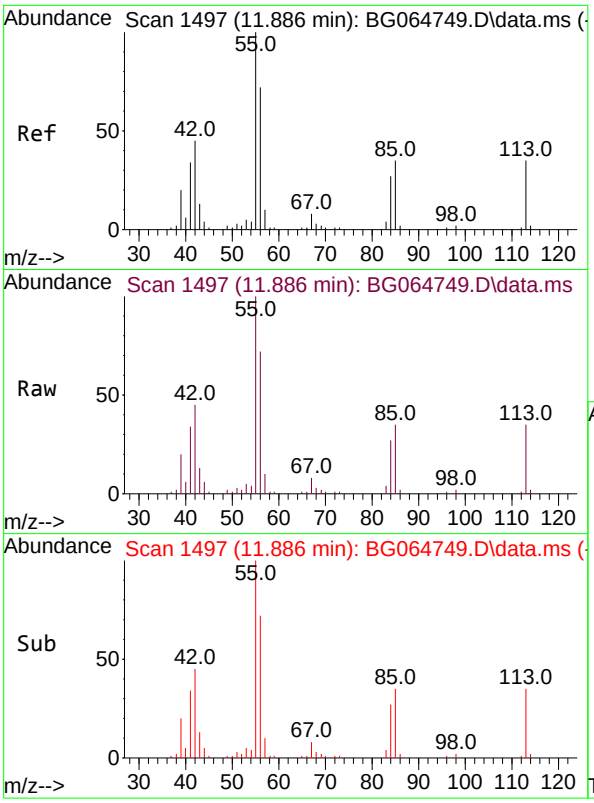



#34
Hexachlorobutadiene
Concen: 40.337 ng
RT: 11.322 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:225 Resp: 87713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.4 | 49.9 | 74.9 |
| 227 | 63.2 | 50.6 | 75.8 |






#35
Caprolactam
Concen: 39.361 ng
RT: 11.886 min Scan# 14
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

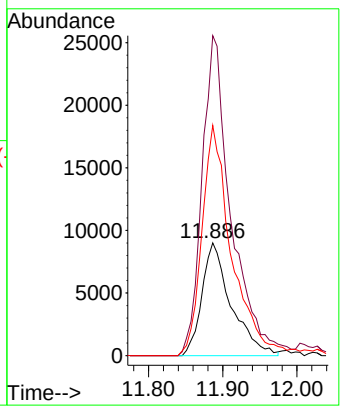
Tgt Ion:113 Resp: 2468

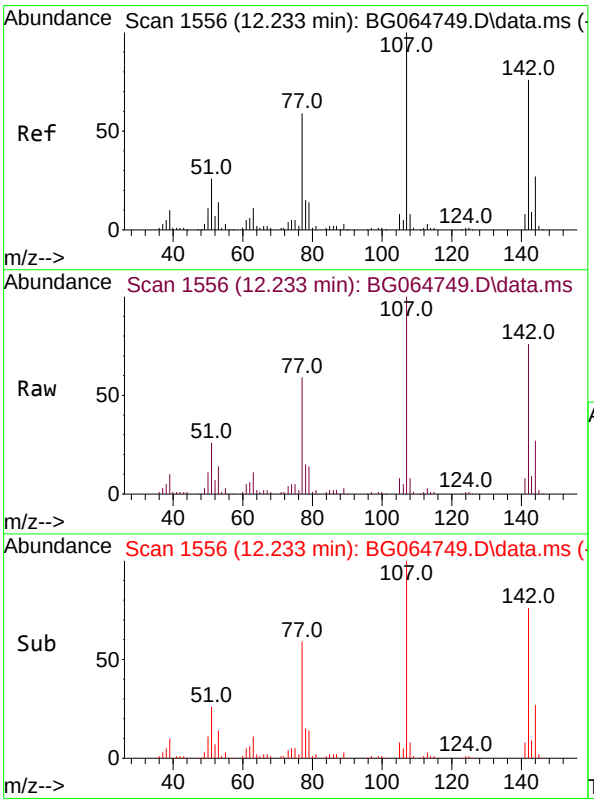
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 283.7 | 263.7 | 303.7 |
| 56 | 204.0 | 184.0 | 224.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

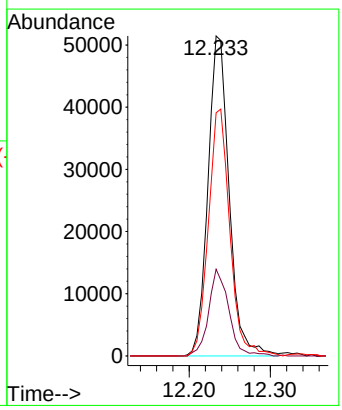


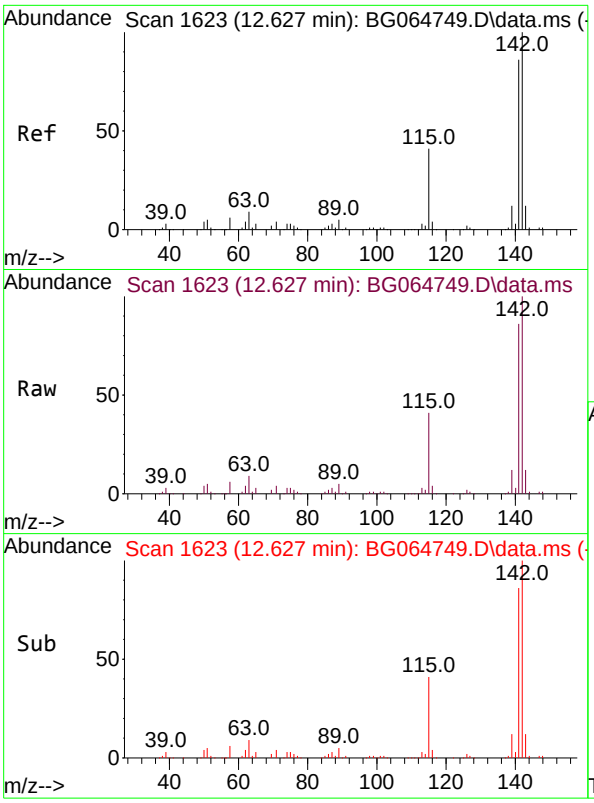




#36
4-Chloro-3-methylphenol
Concen: 39.942 ng
RT: 12.233 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:107 Resp: 93305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.1 | 21.7 | 32.5 |
| 142 | 76.0 | 60.8 | 91.2 |

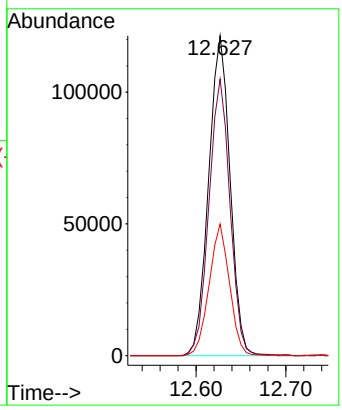





#37
2-Methylnaphthalene
Concen: 39.800 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:142 Resp: 20211

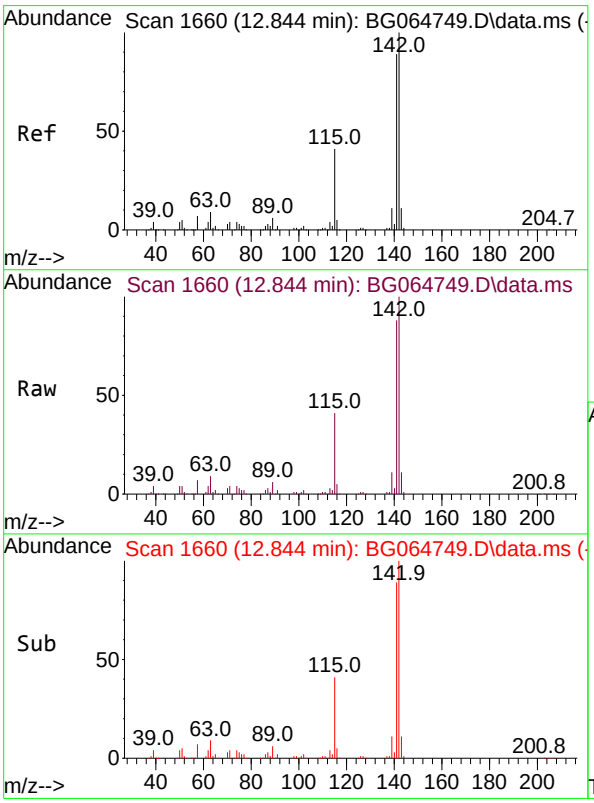
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.4 | 69.1 | 103.7 |
| 115 | 41.1 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

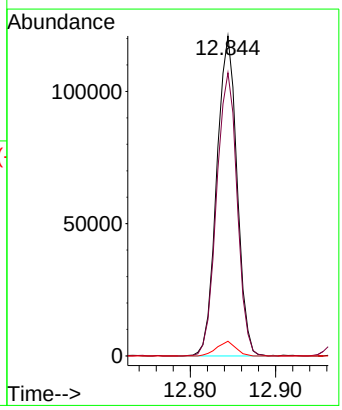
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

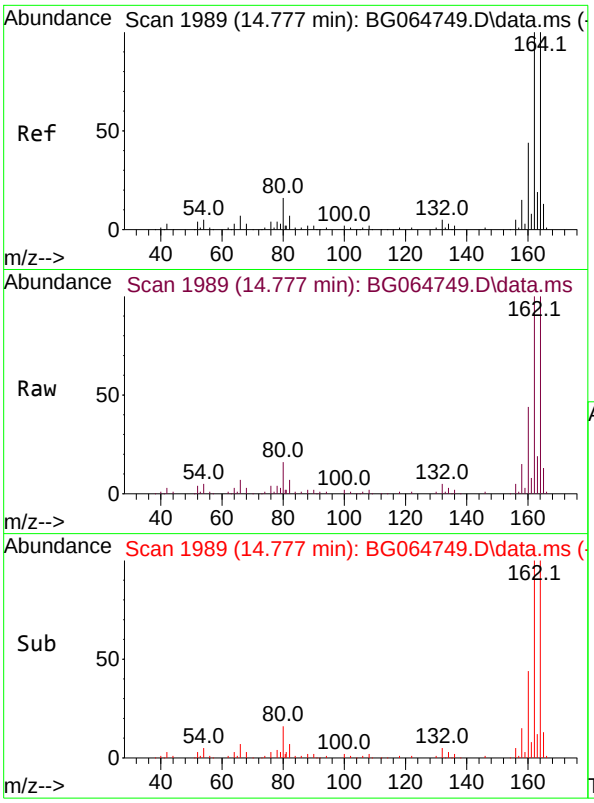



#38
1-Methylnaphthalene
Concen: 39.585 ng
RT: 12.844 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:142 Resp: 199683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 70.8 | 106.2 |
| 116 | 4.6 | 3.7 | 5.5 |

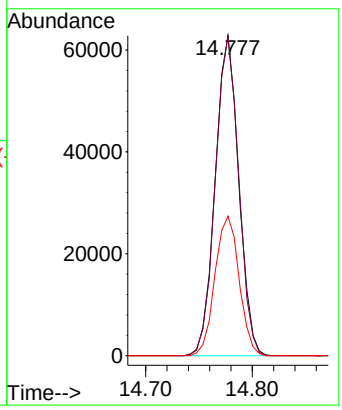





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:164 Resp: 9617

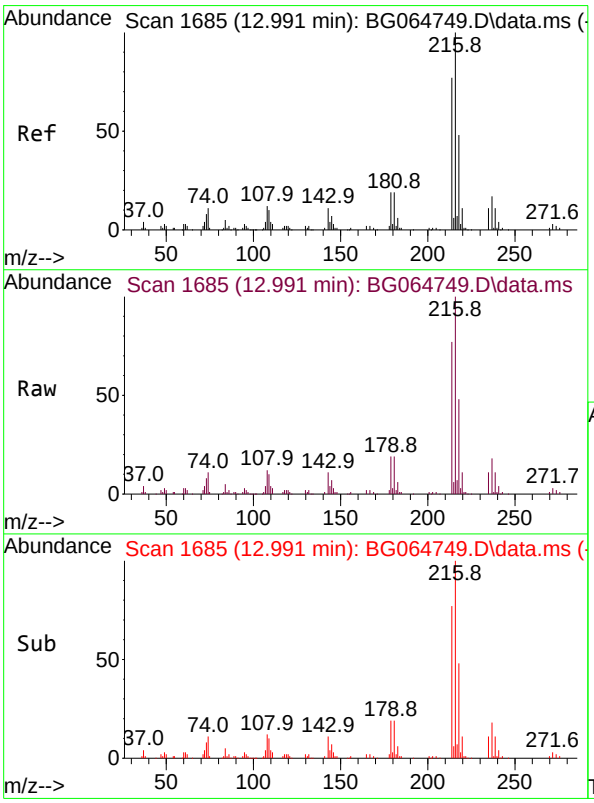
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 79.8 | 119.6 |
| 160 | 43.6 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

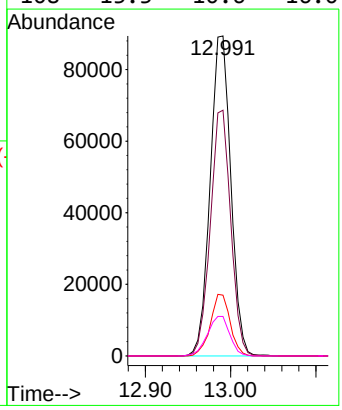
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

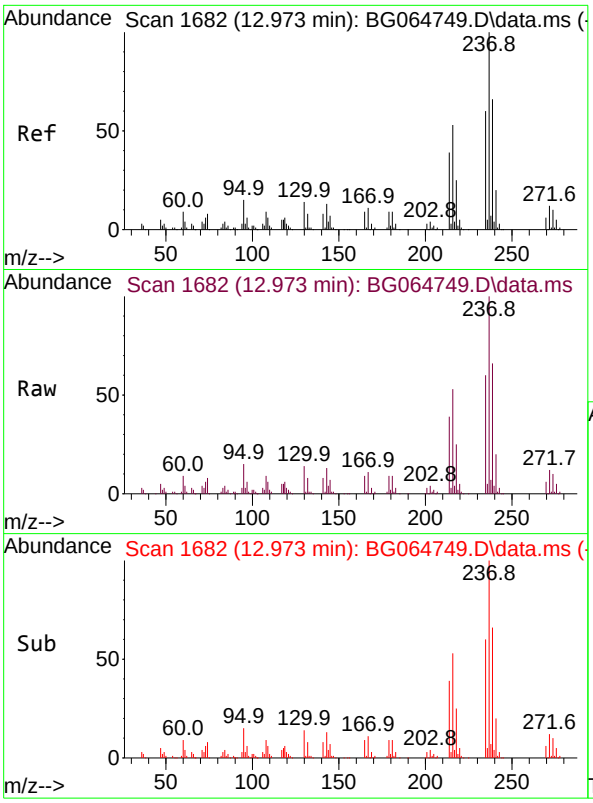



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.165 ng
RT: 12.991 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:216 Resp: 150333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 75.6 | 60.5 | 90.7 |
| 179 | 18.4 | 14.7 | 22.1 |
| 108 | 13.3 | 10.6 | 16.0 |






#41
Hexachlorocyclopentadiene
Concen: 40.179 ng
RT: 12.973 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

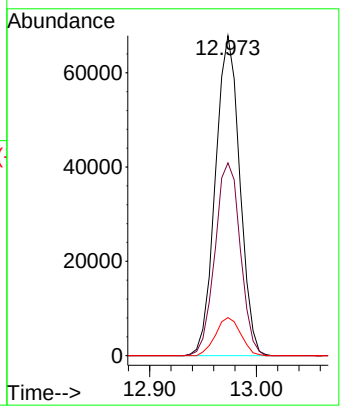
**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

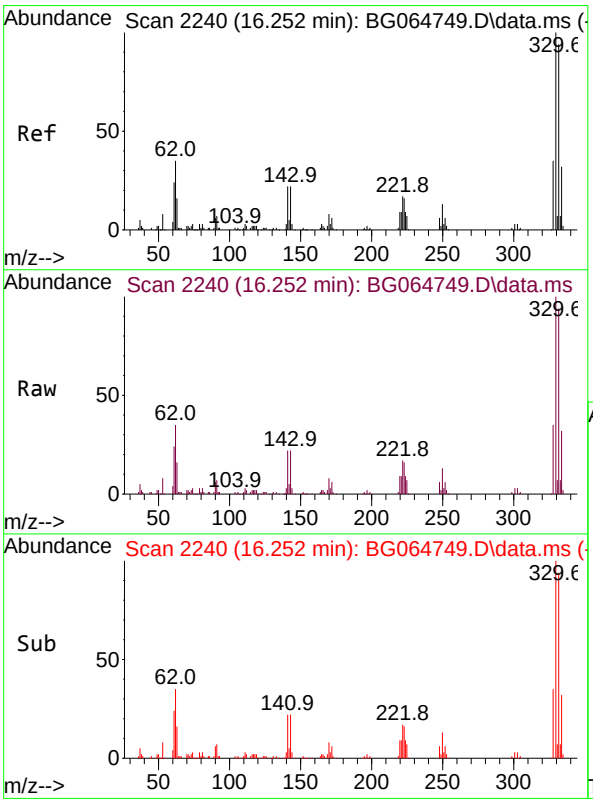
Tgt Ion:237 Resp: 10779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.2 | 40.2 | 80.2 |
| 272 | 11.9 | 0.0 | 31.9 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

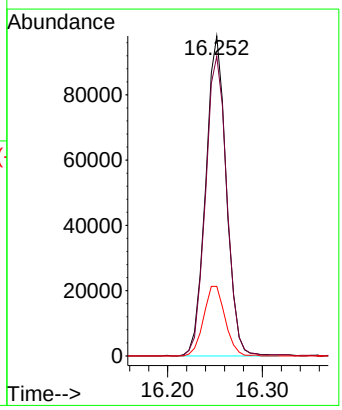


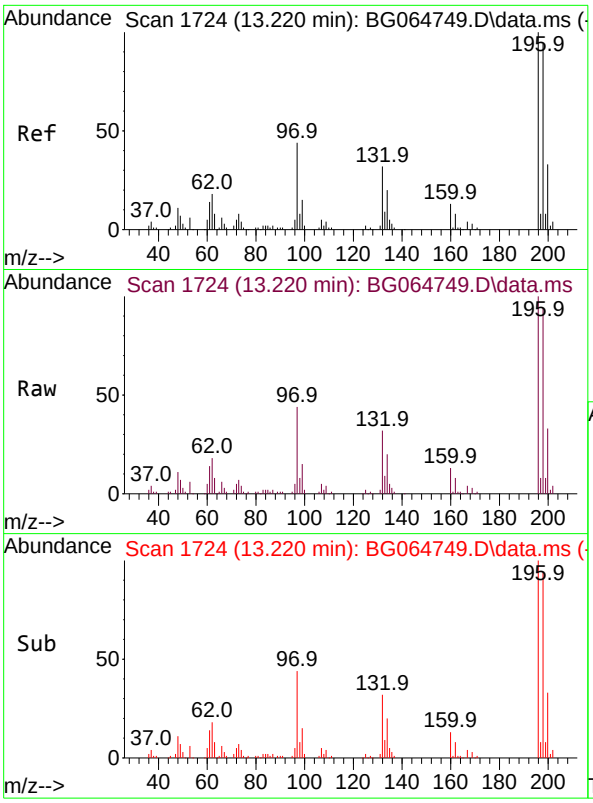




#42
2,4,6-Tribromophenol
Concen: 79.094 ng
RT: 16.252 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:330 Resp: 148361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.0 | 115.6 |
| 141 | 22.7 | 18.2 | 27.2 |

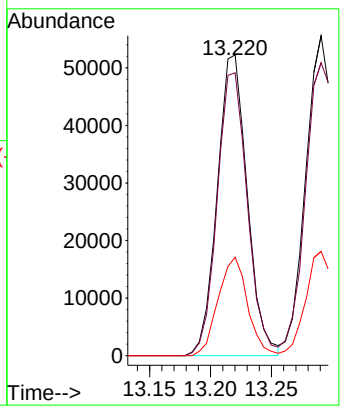





#43
2,4,6-Trichlorophenol
Concen: 40.752 ng
RT: 13.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:196 Resp: 8952

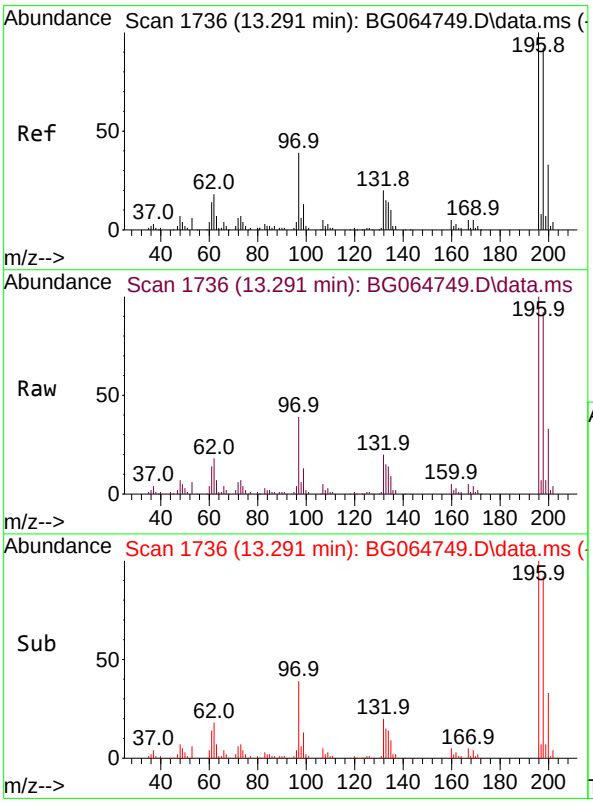
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 75.3 | 112.9 |
| 200 | 32.7 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

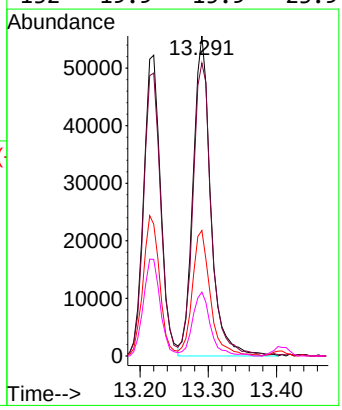
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

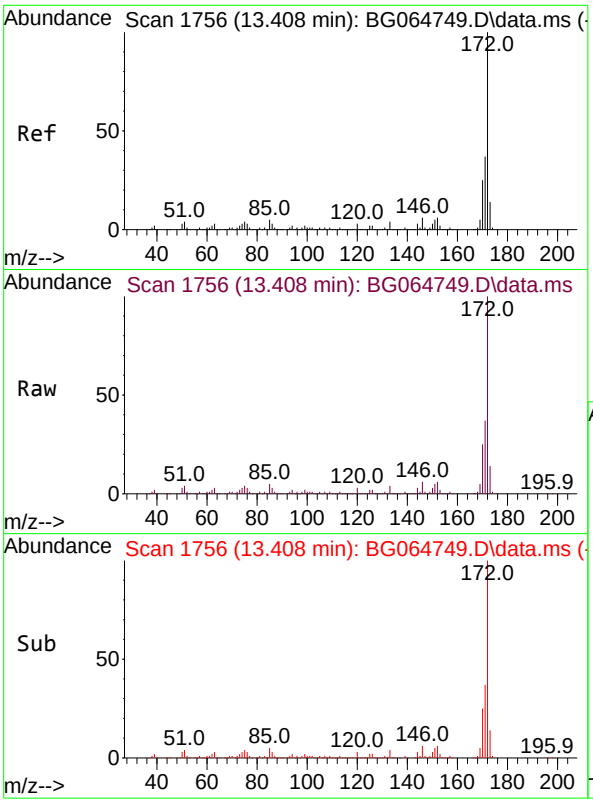



#44
2,4,5-Trichlorophenol
Concen: 40.636 ng
RT: 13.291 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:196 Resp: 100121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.5 | 73.2 | 109.8 |
| 97 | 39.2 | 31.4 | 47.0 |
| 132 | 19.9 | 15.9 | 23.9 |

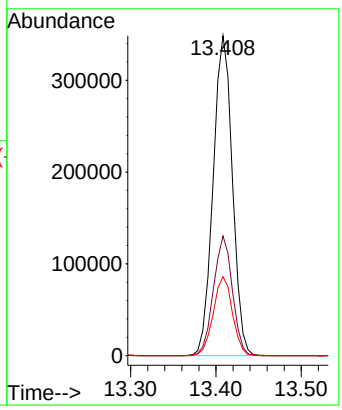





#45
2-Fluorobiphenyl
Concen: 79.252 ng
RT: 13.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:172 Resp: 54626

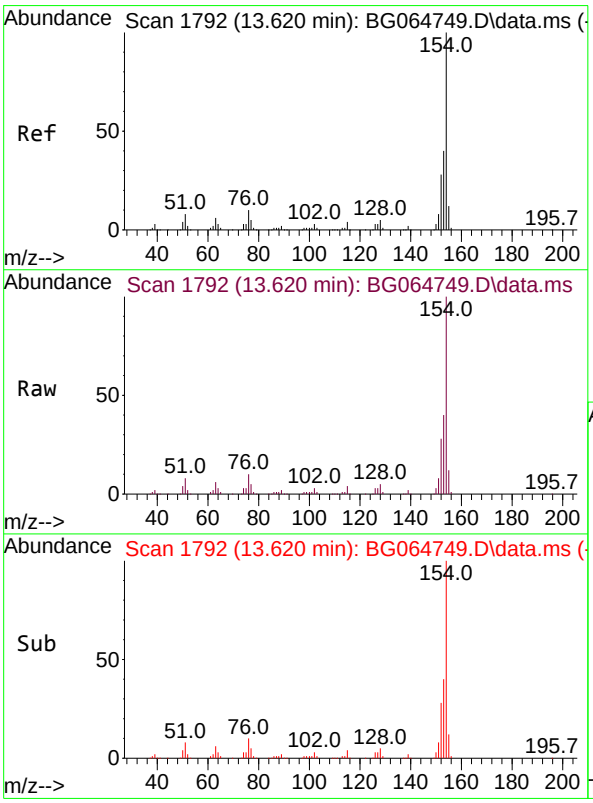
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.4 | 29.9 | 44.9 |
| 170 | 24.7 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

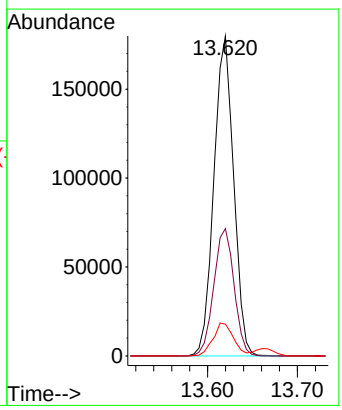
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

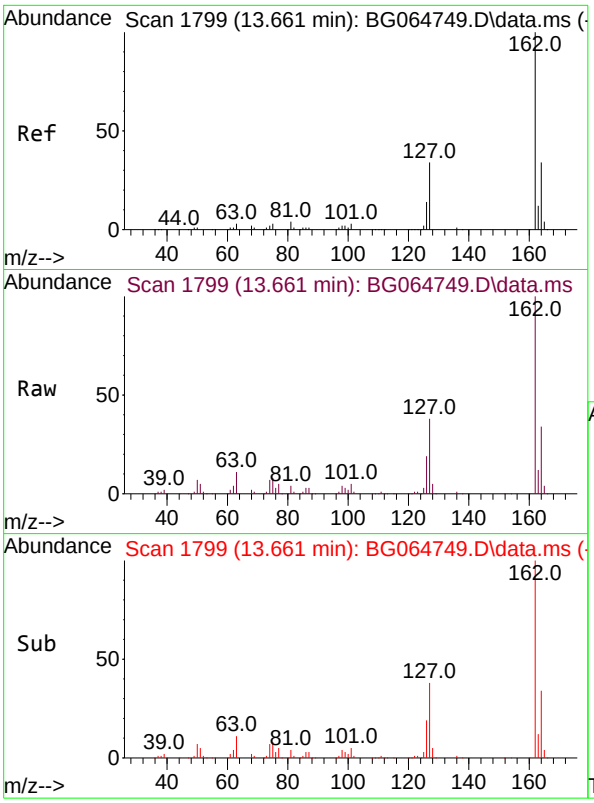



#46
1,1'-Biphenyl
Concen: 39.776 ng
RT: 13.620 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:154 Resp: 274766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.8 | 19.8 | 59.8 |
| 76 | 10.0 | 0.0 | 30.0 |

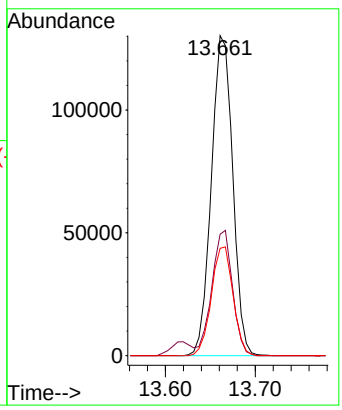





#47
2-Chloronaphthalene
Concen: 39.573 ng
RT: 13.661 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:162 Resp: 21536

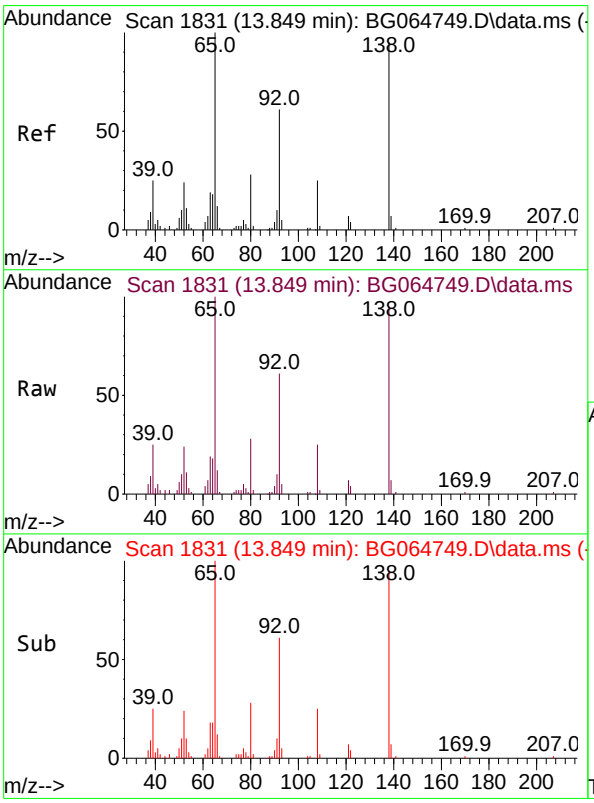
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.9 | 30.3 | 45.5 |
| 164 | 33.5 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

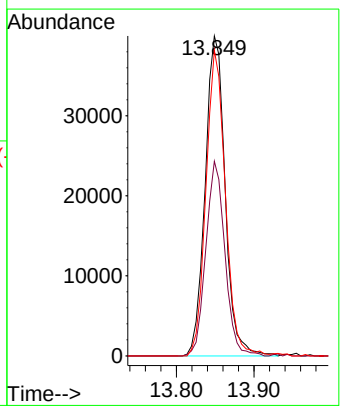
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

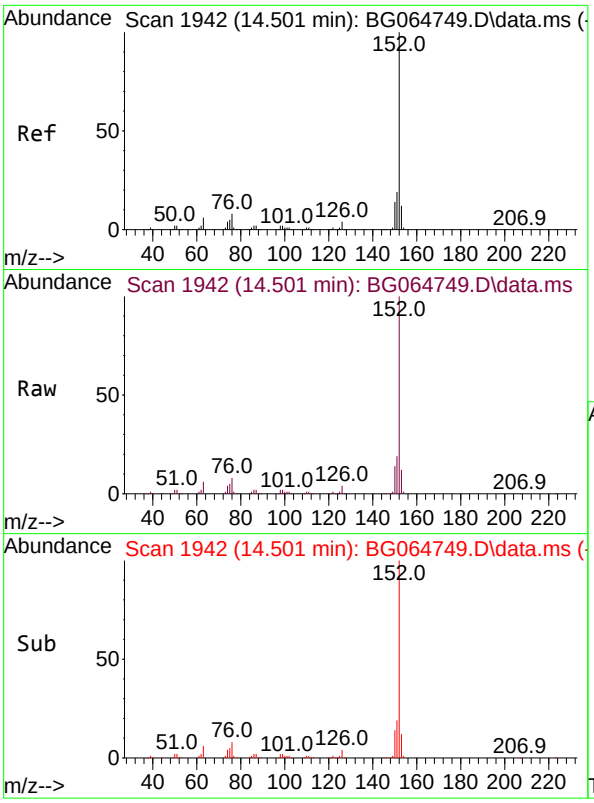



#48
2-Nitroaniline
Concen: 40.816 ng
RT: 13.849 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 65 Resp: 71445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 60.8 | 48.6 | 73.0 |
| 138 | 95.5 | 76.4 | 114.6 |






#49
Acenaphthylene
Concen: 39.925 ng
RT: 14.501 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

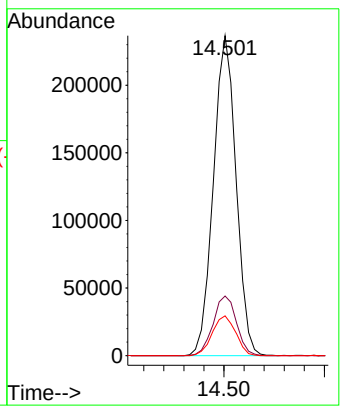
Tgt Ion:152 Resp: 37119

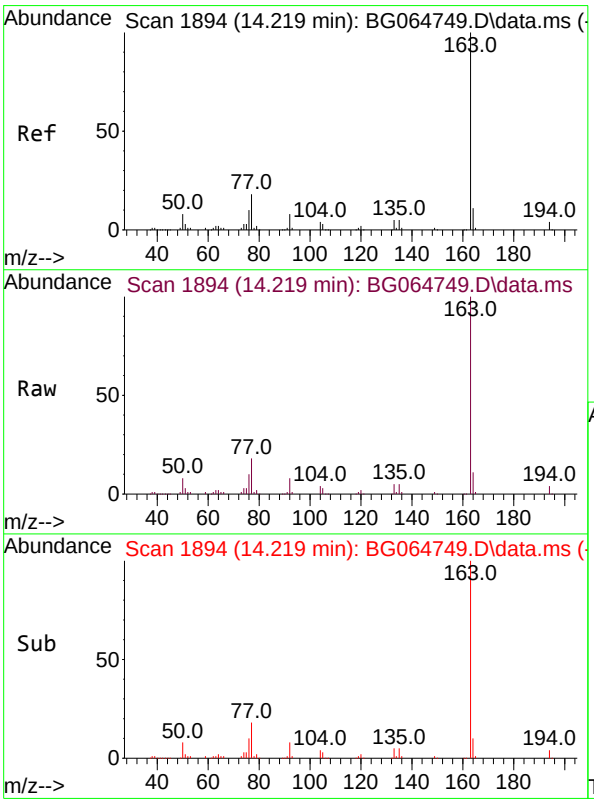
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.7 | 15.0 | 22.4 |
| 153 | 12.4 | 9.9 | 14.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

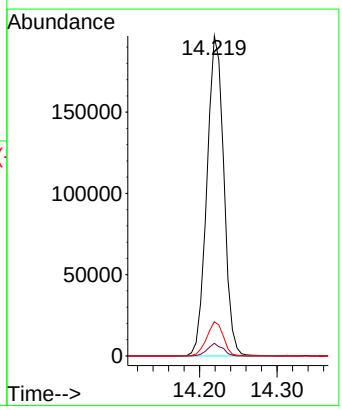


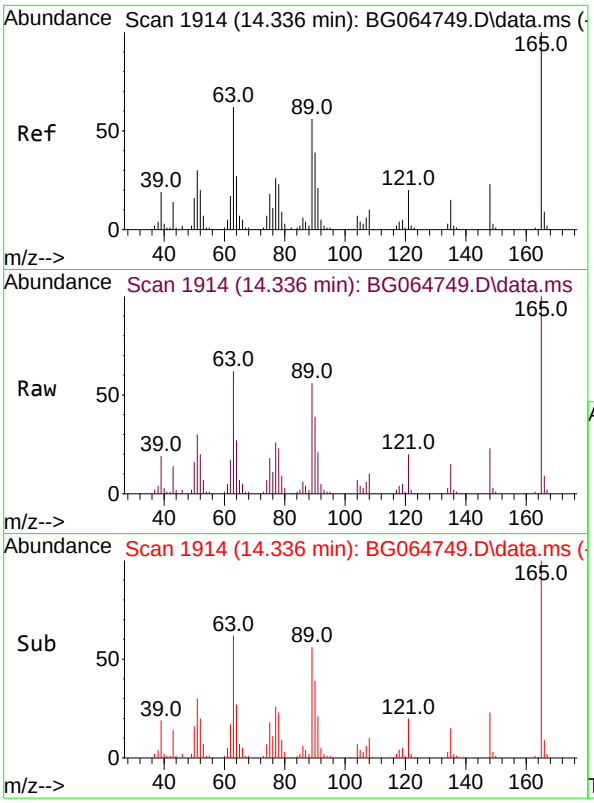




#50
Dimethylphthalate
Concen: 39.215 ng
RT: 14.219 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:163 Resp: 297932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.1 | 4.7 |
| 164 | 10.7 | 8.6 | 12.8 |






#51
2,6-Dinitrotoluene
Concen: 40.189 ng
RT: 14.336 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

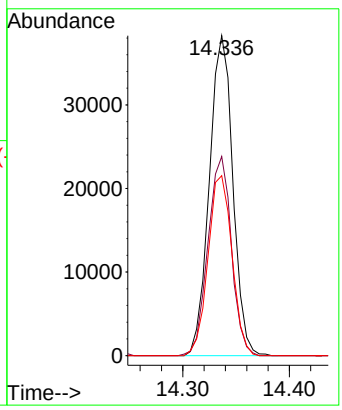
Tgt Ion:165 Resp: 5875

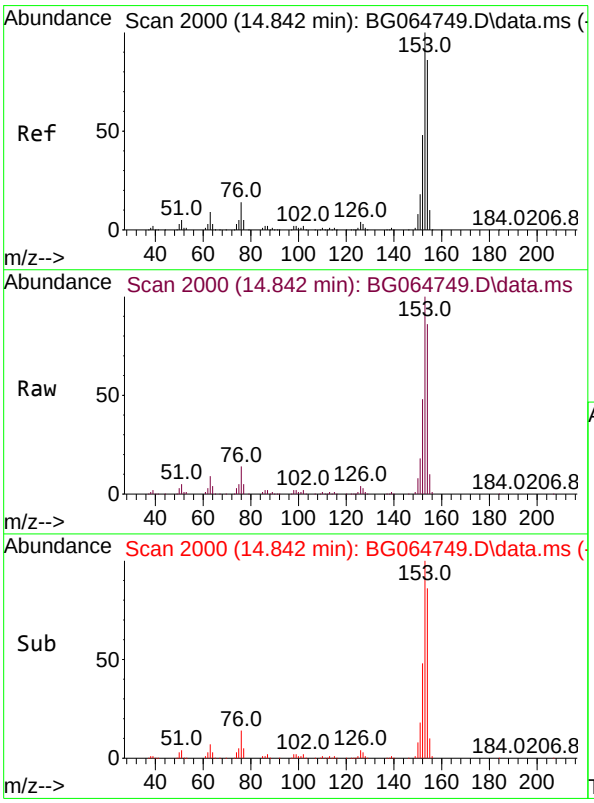
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.3 | 49.8 | 74.8 |
| 89 | 56.2 | 45.0 | 67.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

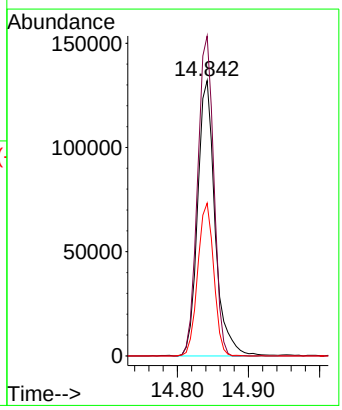


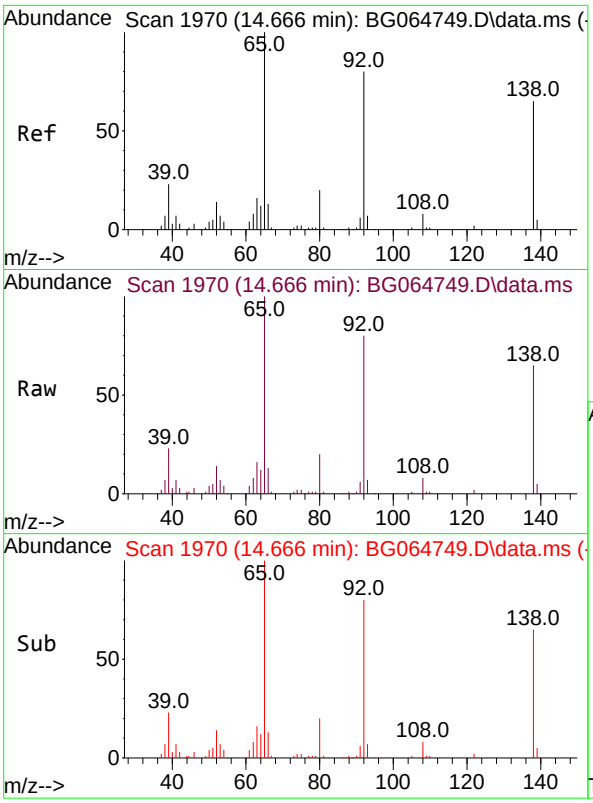




#52
Acenaphthene
Concen: 40.220 ng
RT: 14.842 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:154 Resp: 224207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.2 | 93.0 | 139.4 |
| 152 | 55.5 | 44.4 | 66.6 |

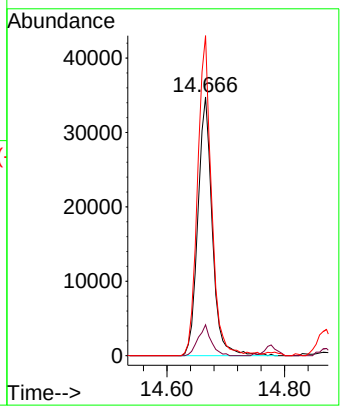





#53
3-Nitroaniline
Concen: 40.792 ng
RT: 14.666 min Scan# 19
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:138 Resp: 5885

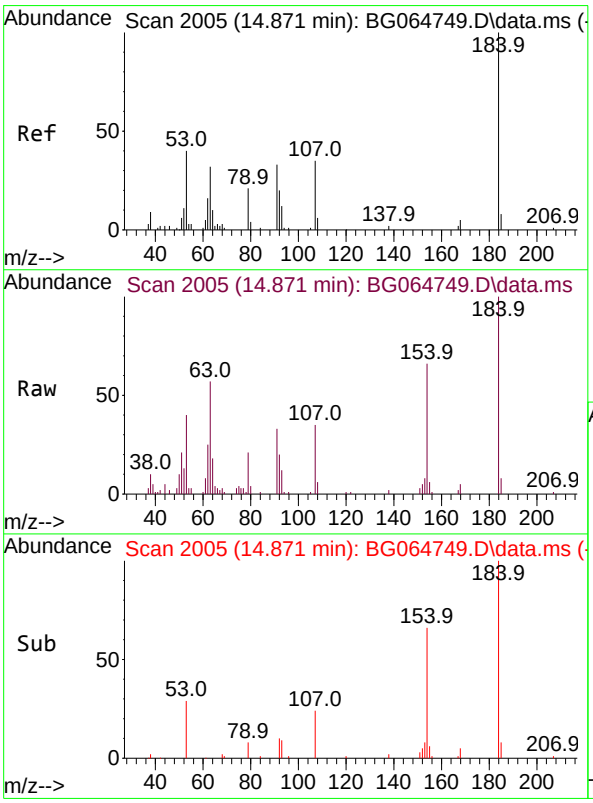
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.9 | 9.5 | 14.3 |
| 92 | 123.7 | 99.0 | 148.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

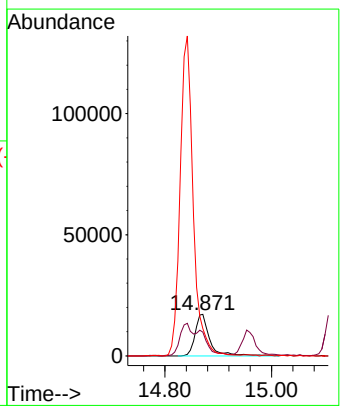
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

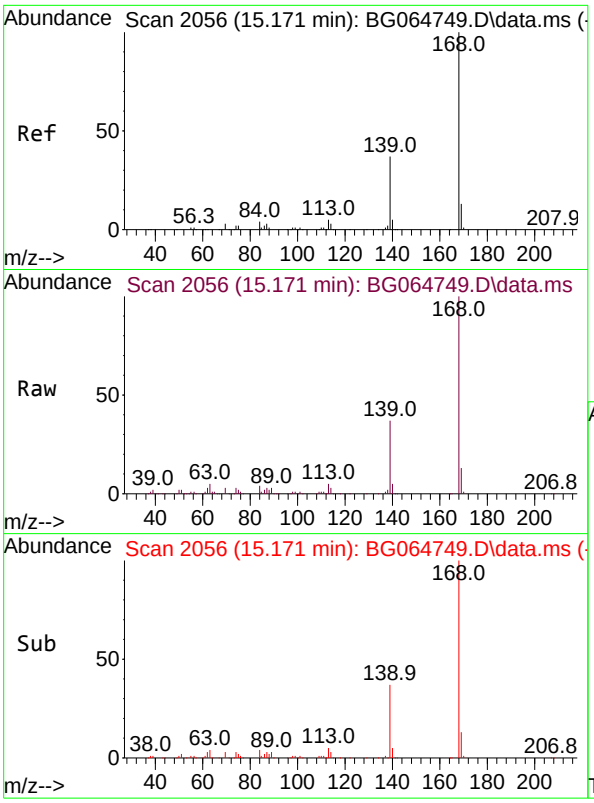



#54
2,4-Dinitrophenol
Concen: 37.583 ng
RT: 14.871 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:184 Resp: 32531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.2 | 45.8 | 68.6 |
| 154 | 65.7 | 52.6 | 78.8 |

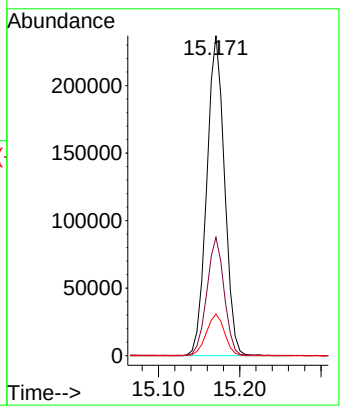





#55
Dibenzofuran
Concen: 38.973 ng
RT: 15.171 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:168 Resp: 35917

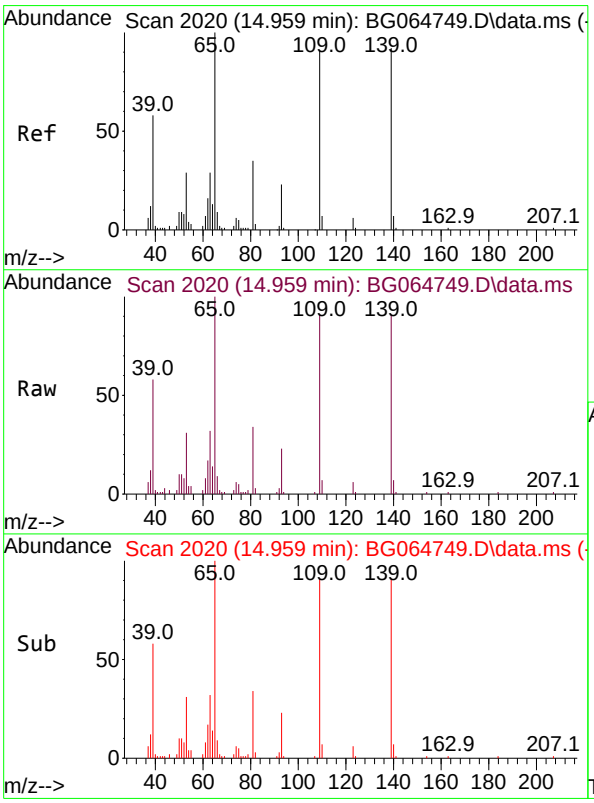
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.9 | 29.5 | 44.3 |
| 169 | 13.0 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

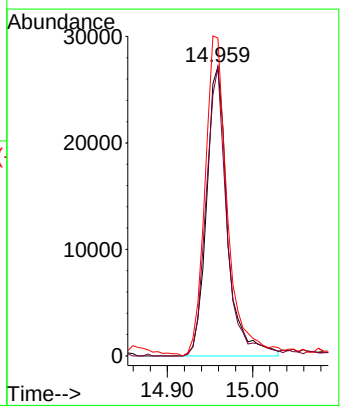
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

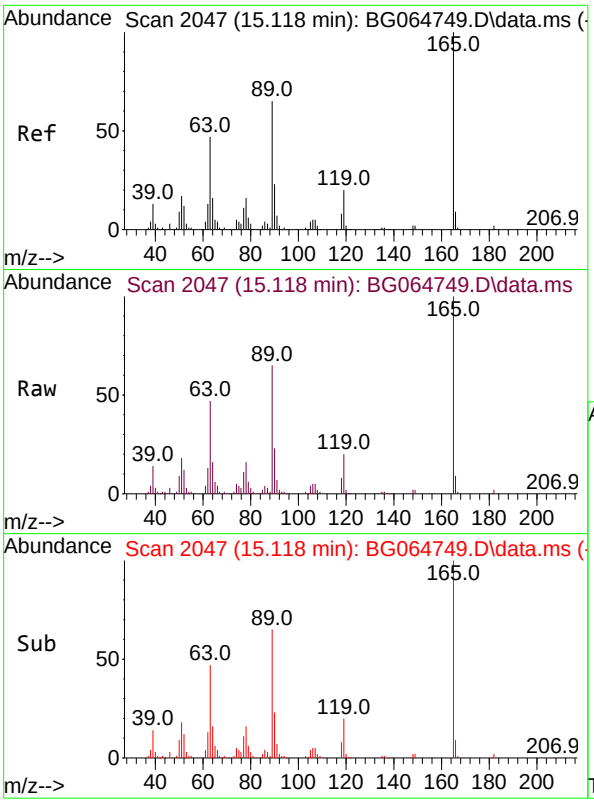



#56
4-Nitrophenol
Concen: 40.555 ng
RT: 14.959 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:139 Resp: 46427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 99.7 | 79.7 | 119.7 |
| 65 | 109.9 | 89.9 | 129.9 |

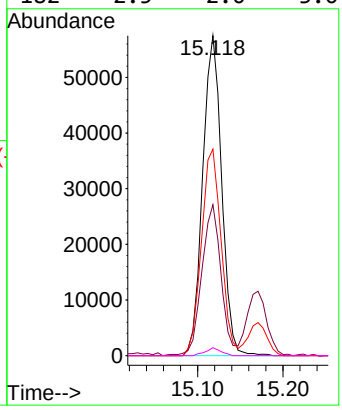





#57
2,4-Dinitrotoluene
Concen: 40.589 ng
RT: 15.118 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:165 Resp: 8895

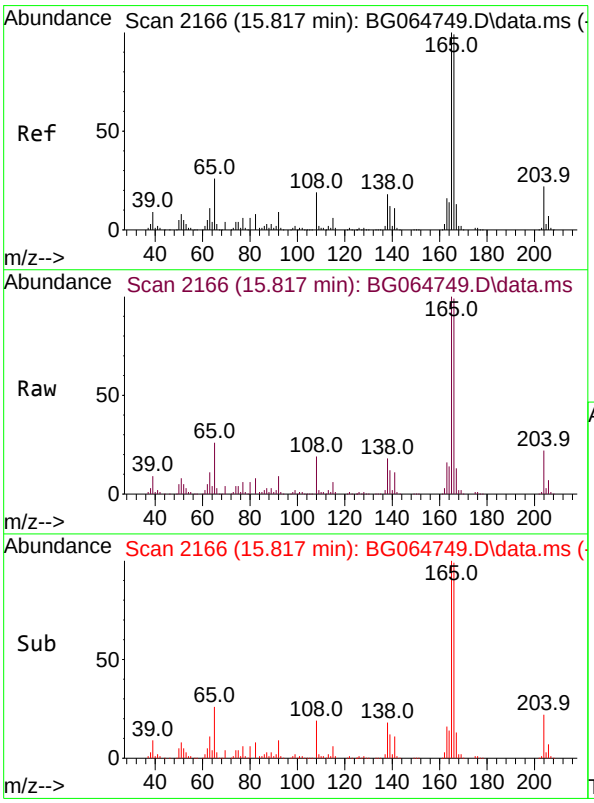
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.2 | 37.8 | 56.6 |
| 89 | 64.5 | 51.6 | 77.4 |
| 182 | 2.5 | 2.0 | 3.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

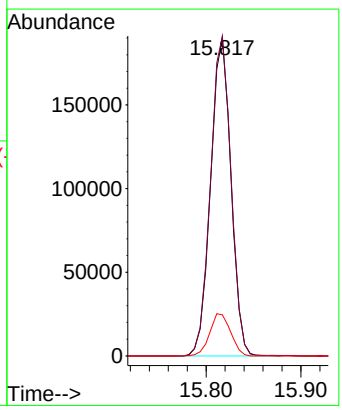
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

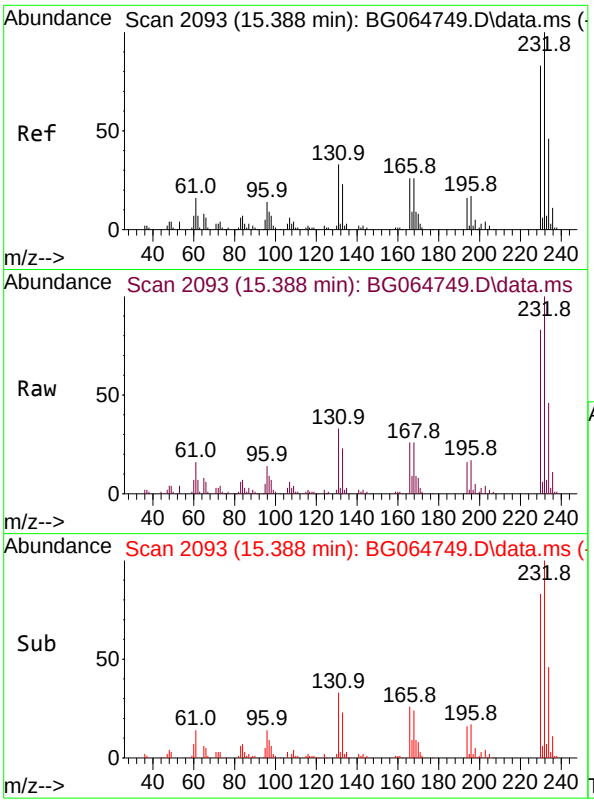



#58
Fluorene
Concen: 39.136 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:166 Resp: 282884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.6 | 80.5 | 120.7 |
| 167 | 12.9 | 10.3 | 15.5 |

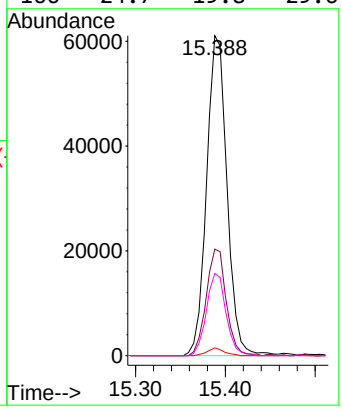





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.675 ng
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:232 Resp: 9644

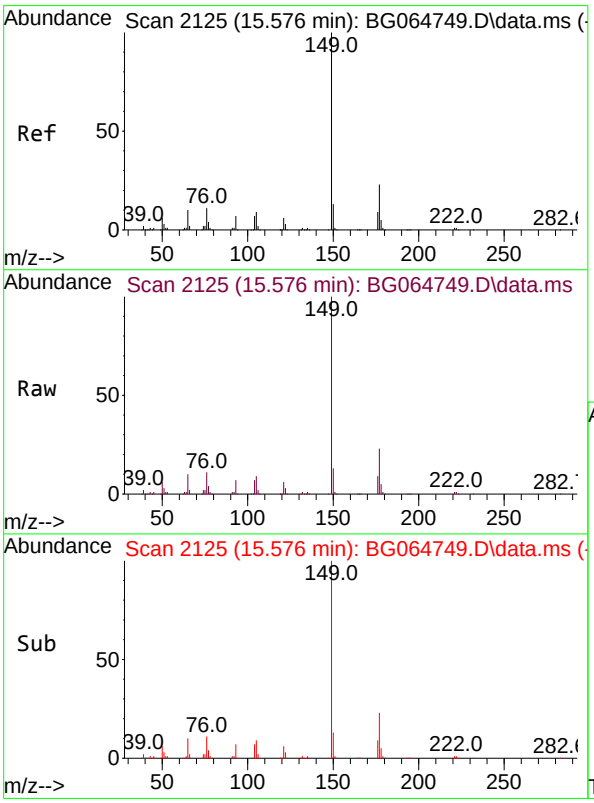
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 32.5 | 26.0 | 39.0 |
| 130 | 2.0 | 1.6 | 2.4 |
| 166 | 24.7 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

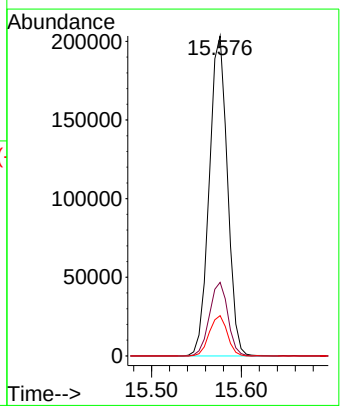
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

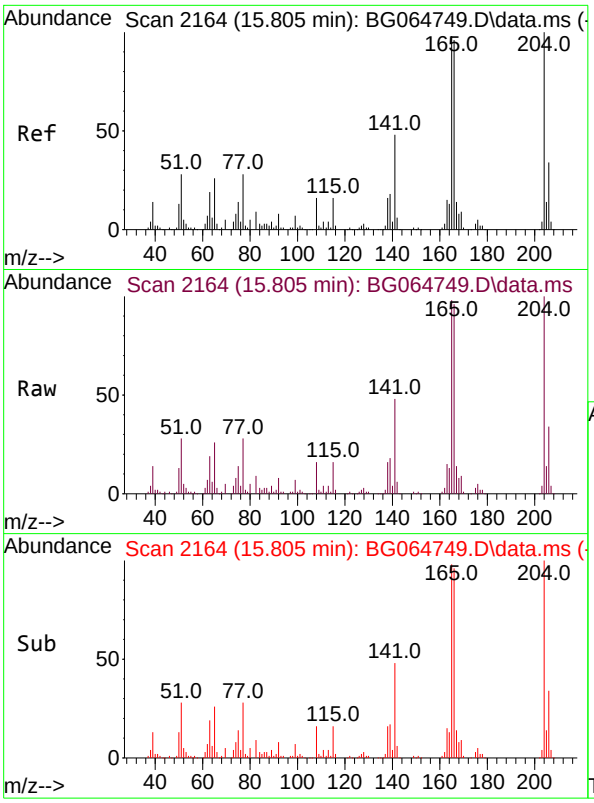



#60
Diethylphthalate
Concen: 39.444 ng
RT: 15.576 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:149 Resp: 287069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.0 | 18.4 | 27.6 |
| 150 | 12.6 | 10.1 | 15.1 |






#61
4-Chlorophenyl-phenylether
Concen: 39.017 ng
RT: 15.805 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

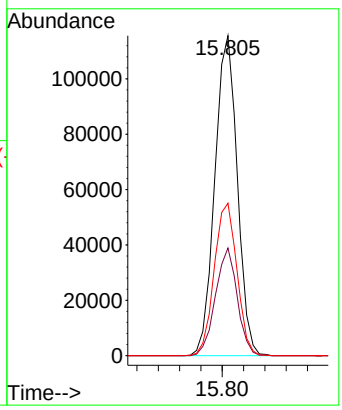
Tgt Ion:204 Resp: 16925

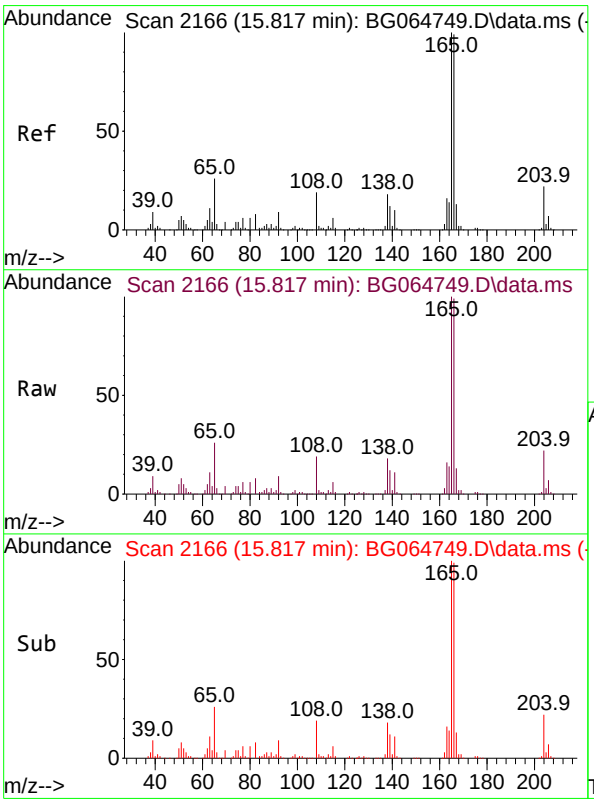
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.6 | 26.9 | 40.3 |
| 141 | 47.6 | 38.1 | 57.1 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

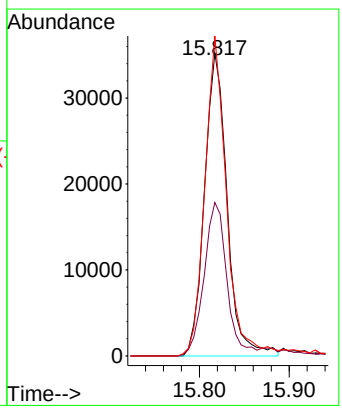


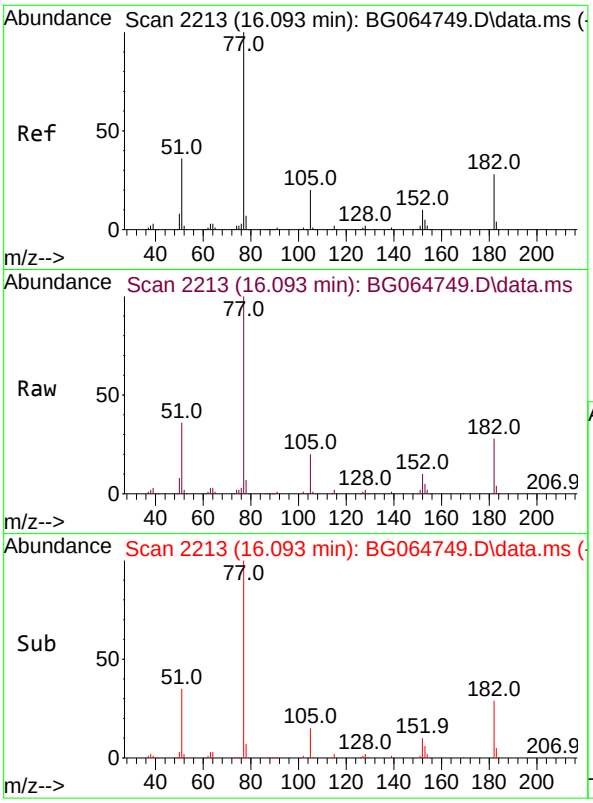




#62
4-Nitroaniline
Concen: 41.175 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:138 Resp: 61547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.7 | 30.7 | 70.7 |
| 108 | 105.7 | 85.7 | 125.7 |

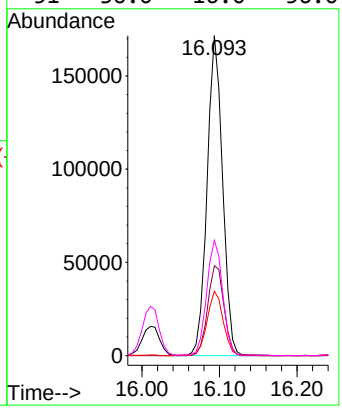





#63
Azobenzene
Concen: 39.248 ng
RT: 16.093 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 77 Resp: 23758

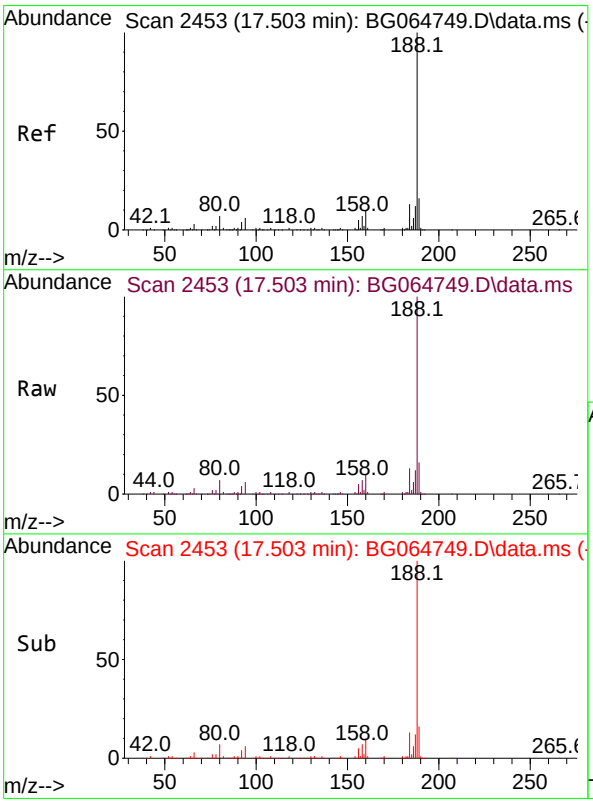
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.1 | 8.1 | 48.1 |
| 105 | 20.1 | 0.1 | 40.1 |
| 51 | 36.0 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

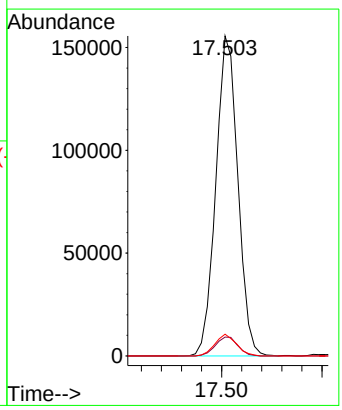
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

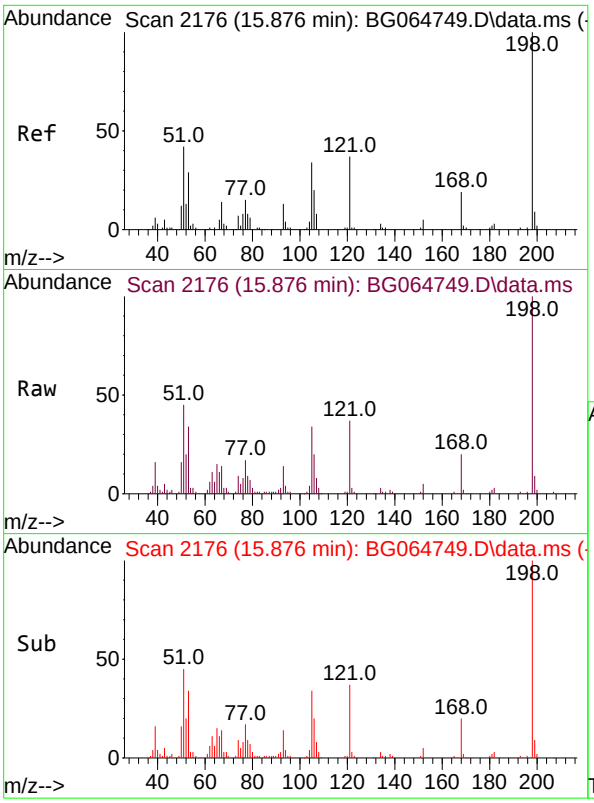



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:188 Resp: 237407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.9 | 4.7 | 7.1 |
| 80 | 6.8 | 5.4 | 8.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 42.097 ng
RT: 15.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

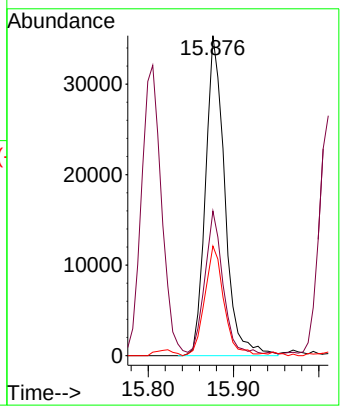
Tgt Ion:198 Resp: 5548

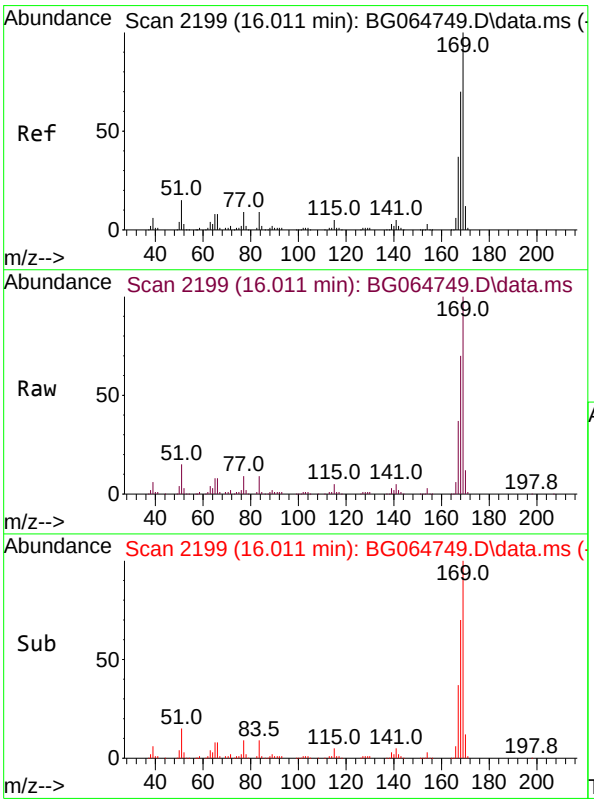
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.2 | 25.2 | 65.2 |
| 105 | 34.2 | 14.2 | 54.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

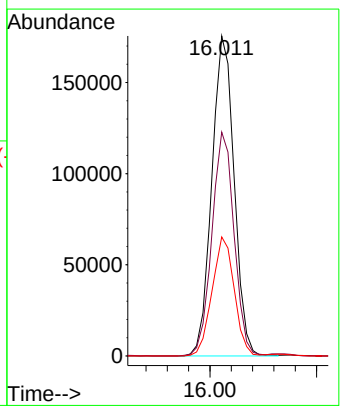


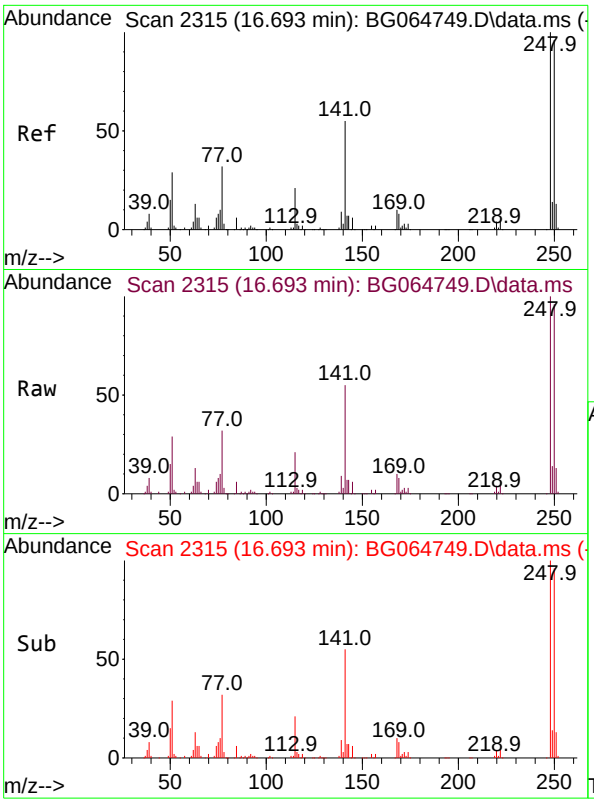




#66
n-Nitrosodiphenylamine
Concen: 41.111 ng
RT: 16.011 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:169 Resp: 255647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.9 | 55.9 | 83.9 |
| 167 | 37.2 | 29.8 | 44.6 |






#67
4-Bromophenyl-phenylether
Concen: 41.030 ng
RT: 16.693 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

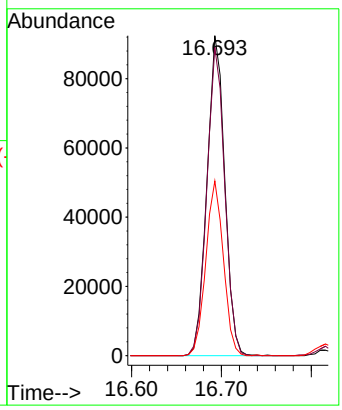
Tgt Ion:248 Resp: 12791

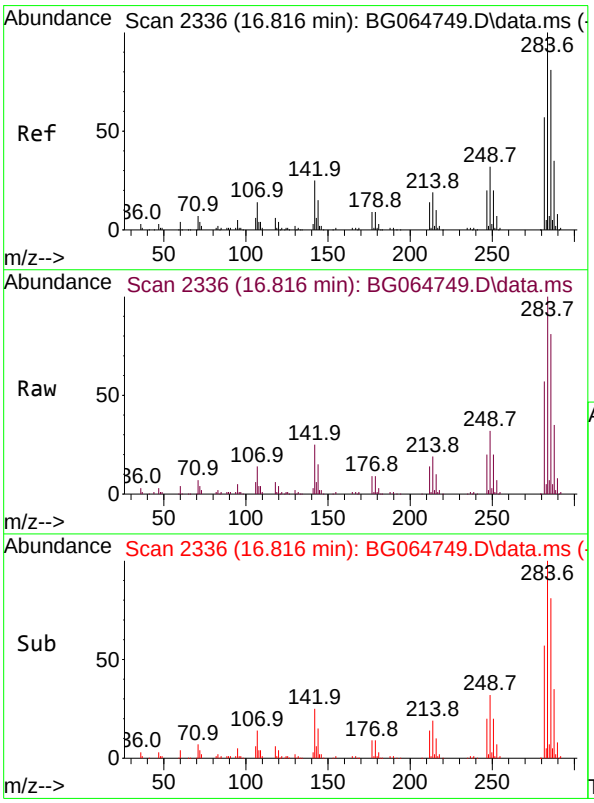
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.3 | 77.0 | 115.6 |
| 141 | 54.6 | 43.7 | 65.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

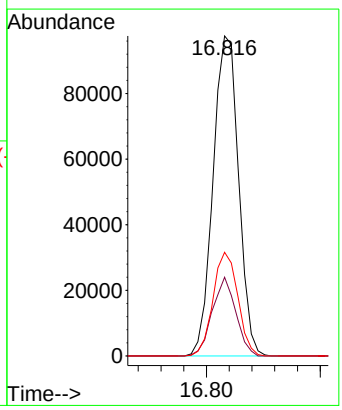


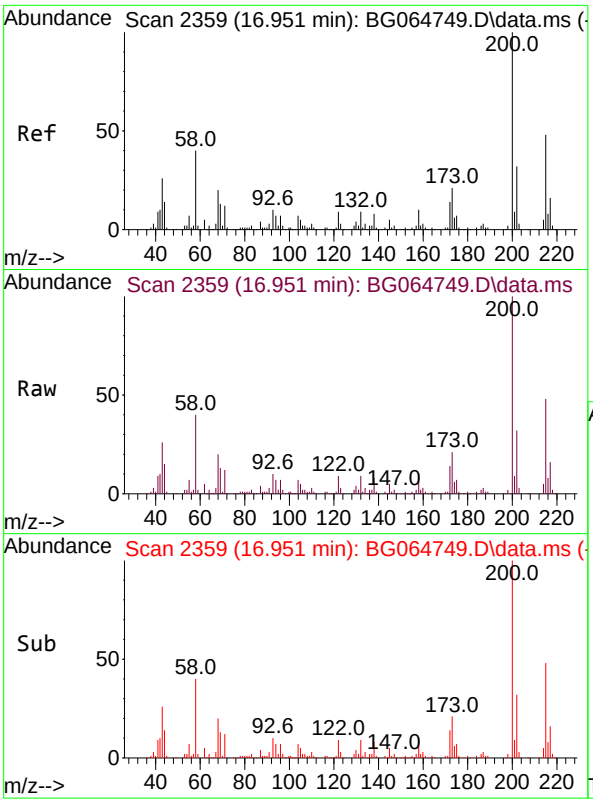




#68
Hexachlorobenzene
Concen: 40.195 ng
RT: 16.816 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:284 Resp: 151827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 24.6 | 19.7 | 29.5 |
| 249 | 35.1 | 28.1 | 42.1 |






#69
Atrazine
Concen: 40.086 ng
RT: 16.951 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

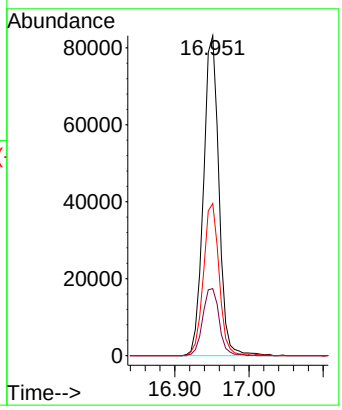
Tgt Ion:200 Resp: 120184

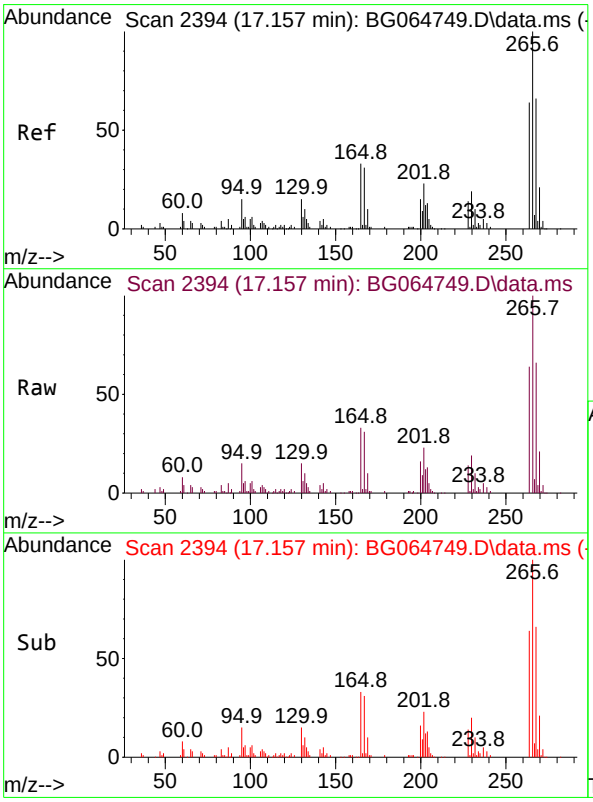
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 20.9 | 0.9 | 40.9 |
| 215 | 47.5 | 27.5 | 67.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

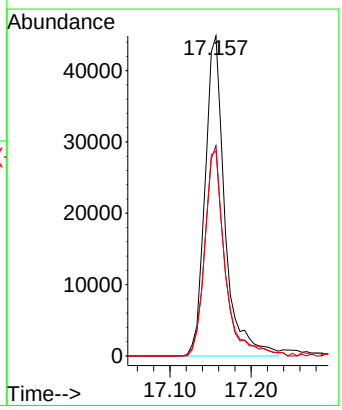


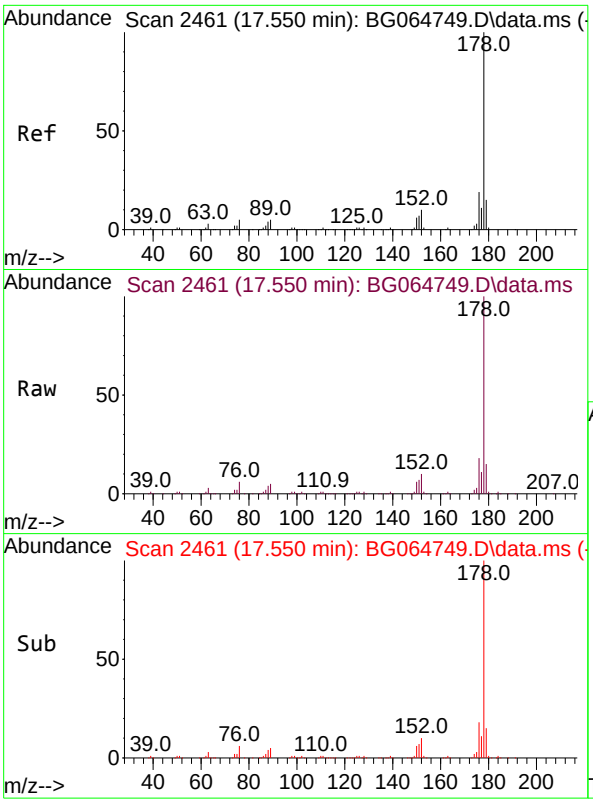




#70
Pentachlorophenol
Concen: 37.572 ng
RT: 17.157 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:266 Resp: 76096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 70.1 | 56.1 | 84.1 |
| 264 | 64.0 | 51.2 | 76.8 |






#71
Phenanthrene
Concen: 40.177 ng
RT: 17.550 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

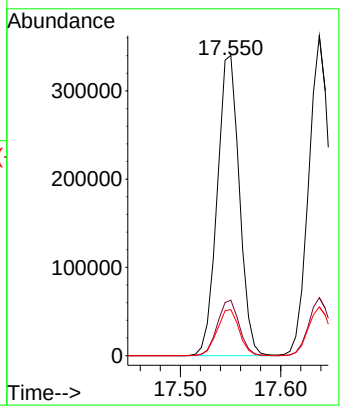
Tgt Ion:178 Resp: 52187

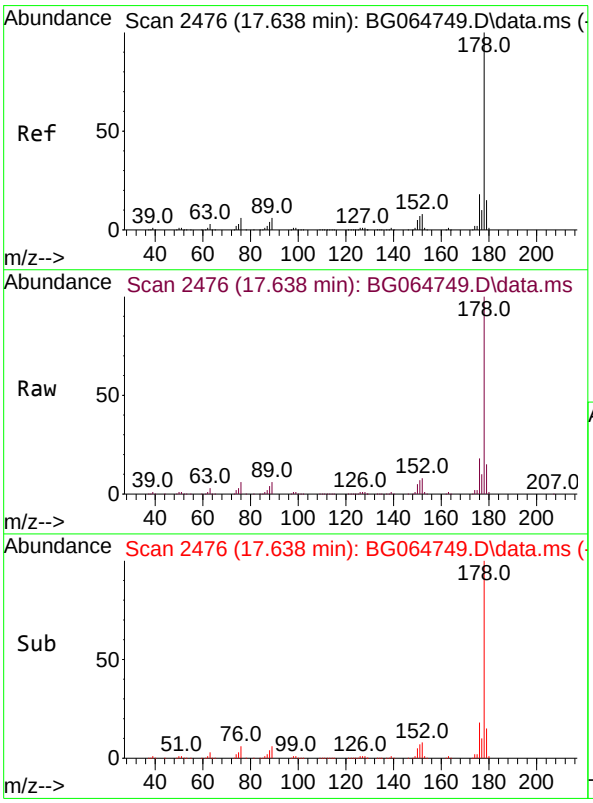
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.8 | 22.2 |
| 179 | 15.3 | 12.2 | 18.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

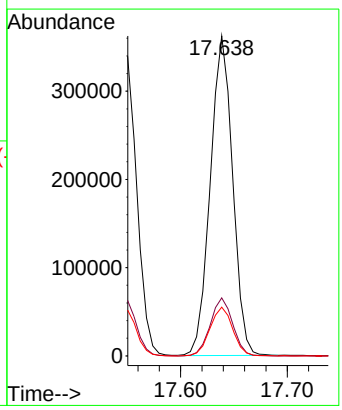


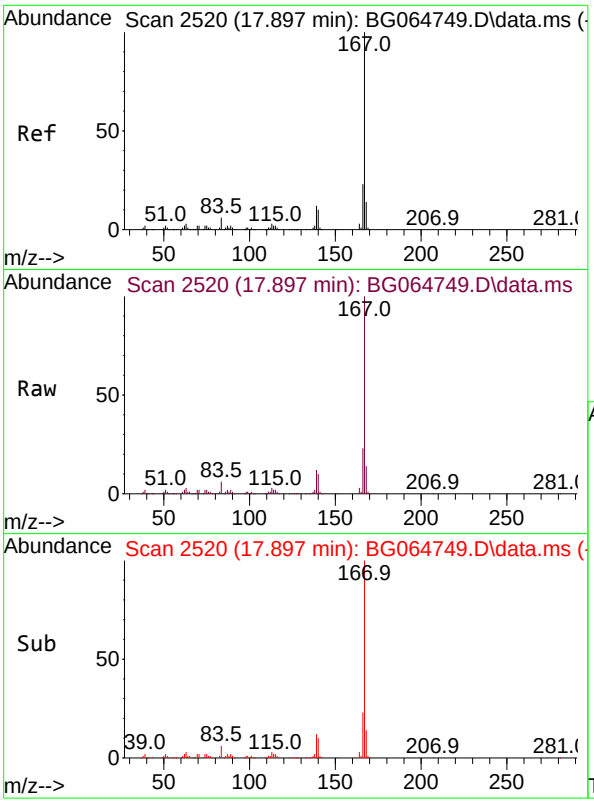




#72
Anthracene
Concen: 39.892 ng
RT: 17.638 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:178 Resp: 528364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.1 | 14.5 | 21.7 |
| 179 | 15.3 | 12.2 | 18.4 |

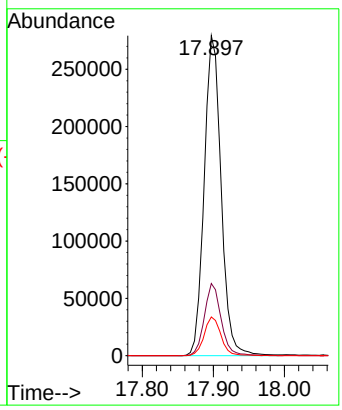





#73
Carbazole
Concen: 40.475 ng
RT: 17.897 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:167 Resp: 46085

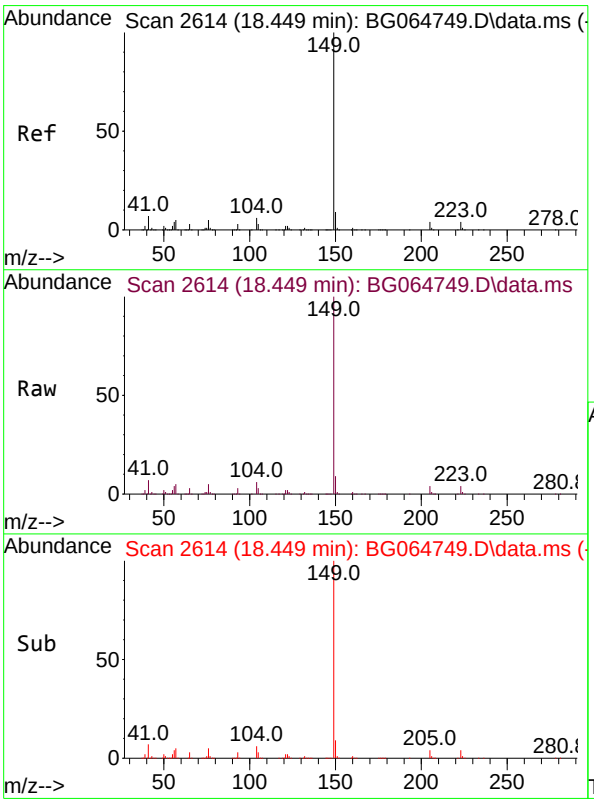
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 18.0 | 27.0 |
| 139 | 12.1 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

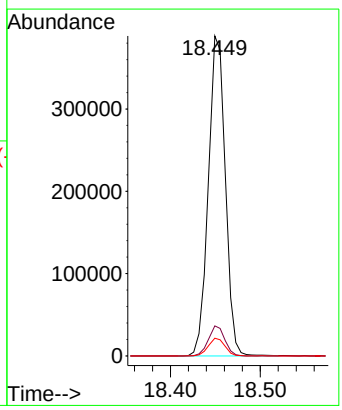
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

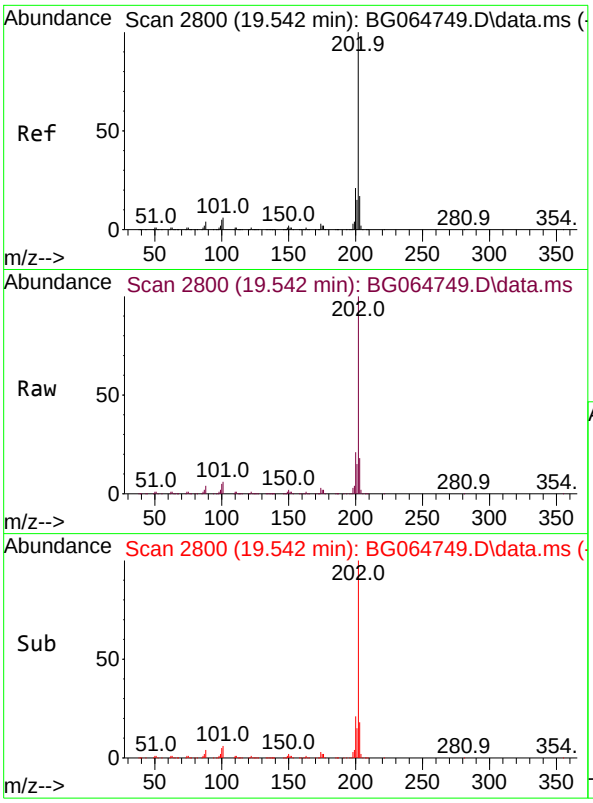



#74
Di-n-butylphthalate
Concen: 40.245 ng
RT: 18.449 min Scan# 2614
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:149 Resp: 511236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.5 | 11.3 |
| 104 | 5.5 | 4.4 | 6.6 |

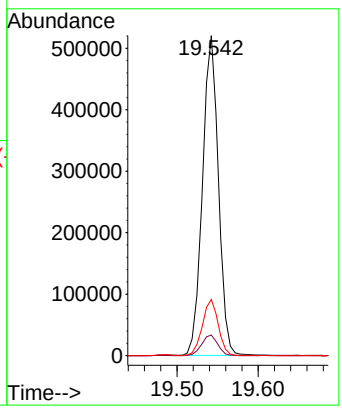





#75
Fluoranthene
Concen: 39.948 ng
RT: 19.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:202 Resp: 70955

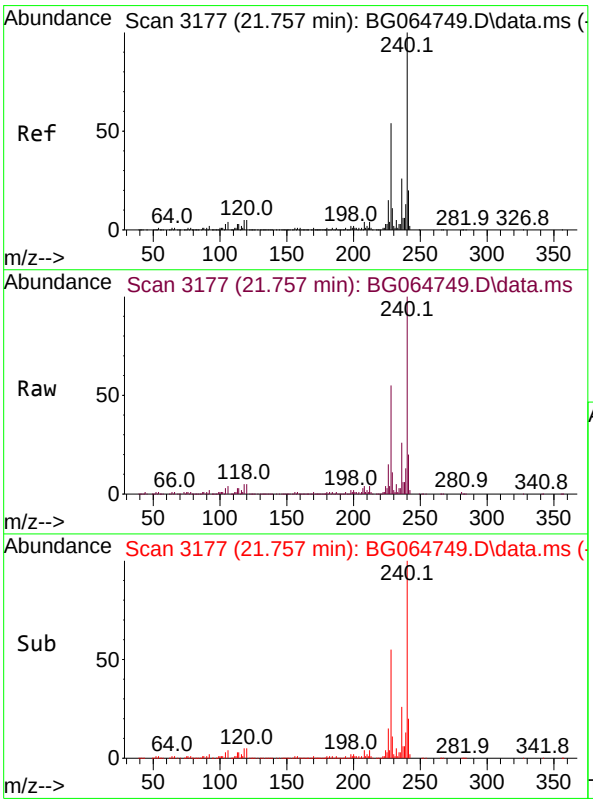
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.4 | 0.0 | 26.4 |
| 203 | 17.5 | 0.0 | 37.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

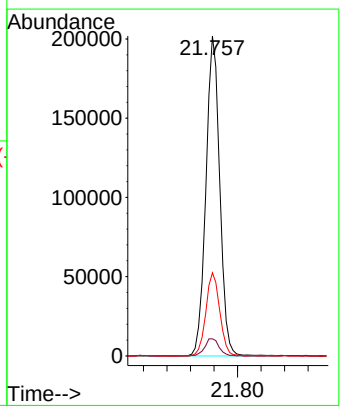
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

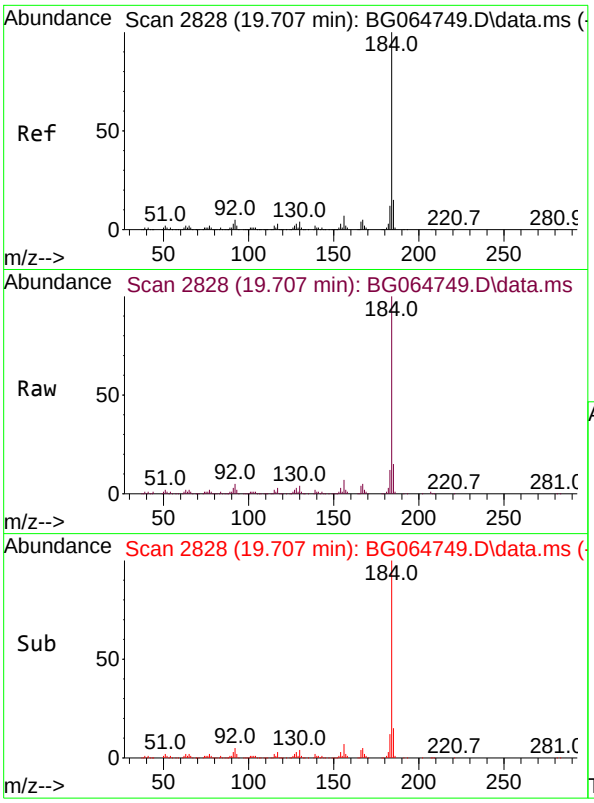



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:240 Resp: 329177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.3 | 4.2 | 6.4 |
| 236 | 26.0 | 20.8 | 31.2 |

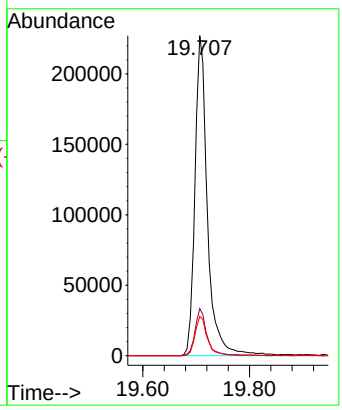





#77
Benzidine
Concen: 37.485 ng
RT: 19.707 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:184 Resp: 36954

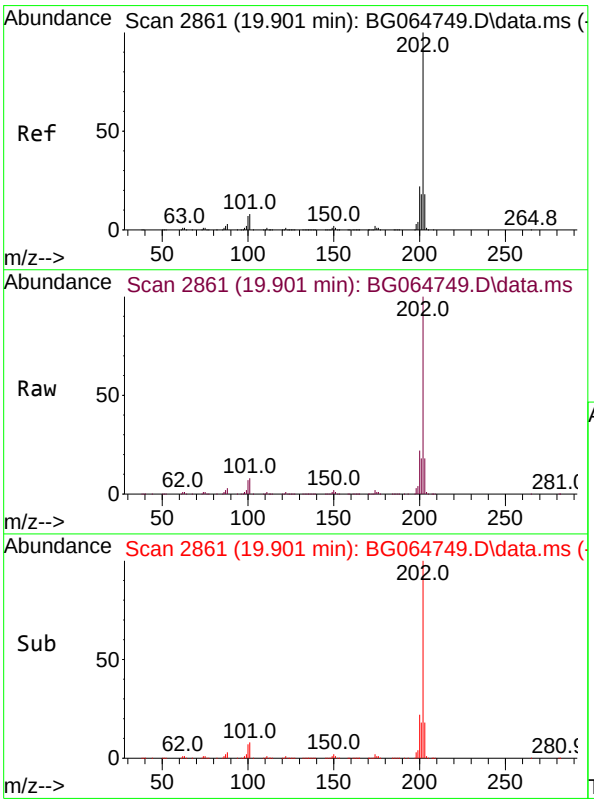
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.7 | 11.8 | 17.6 |
| 183 | 12.2 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

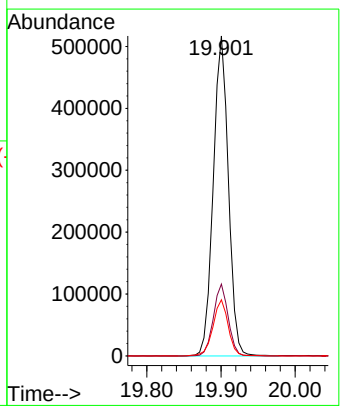
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

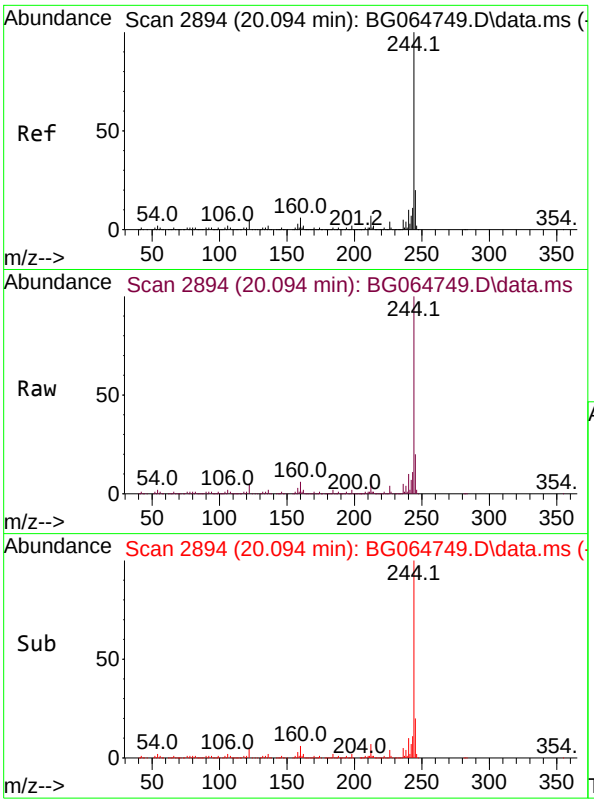



#78
Pyrene
Concen: 39.650 ng
RT: 19.901 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:202 Resp: 731495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.4 | 17.9 | 26.9 |
| 203 | 17.5 | 14.0 | 21.0 |

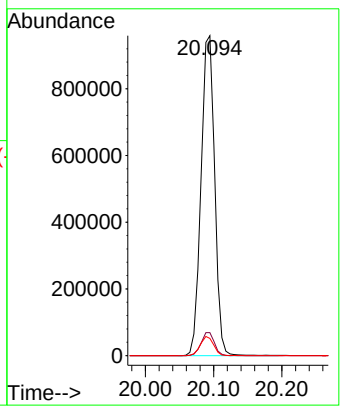





#79
Terphenyl-d14
Concen: 79.636 ng
RT: 20.094 min Scan# 28
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:244 Resp: 133263

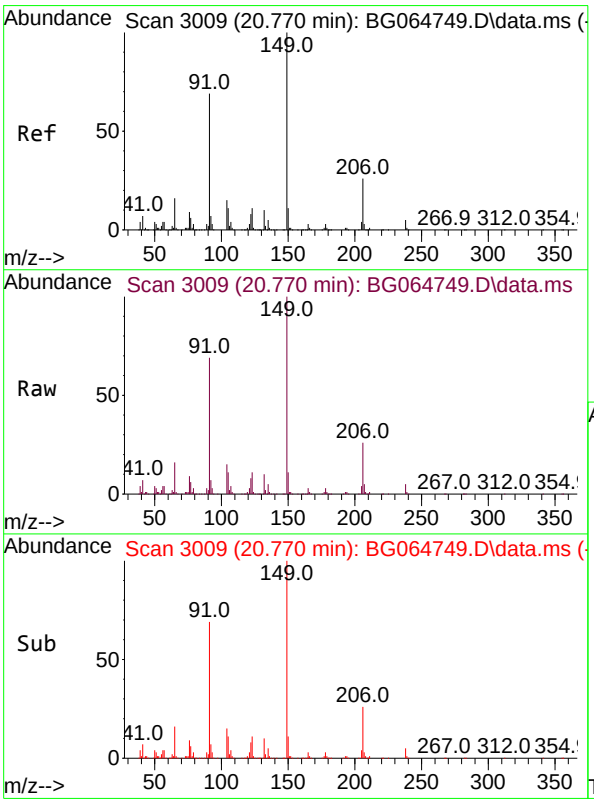
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.6 |
| 122 | 5.4 | 4.3 | 6.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

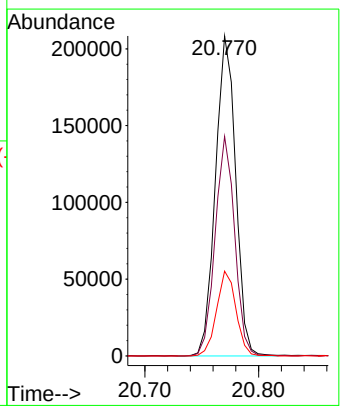
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

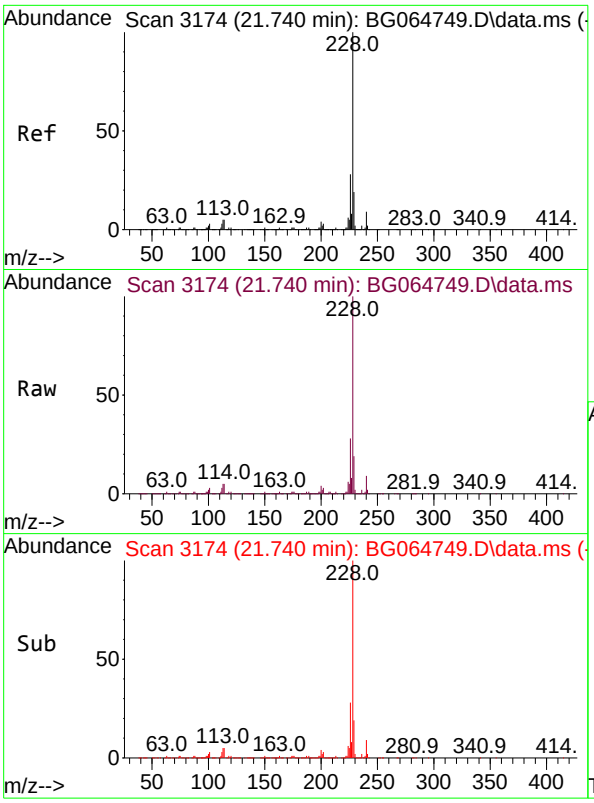



#80
Butylbenzylphthalate
Concen: 39.676 ng
RT: 20.770 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:149 Resp: 257466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.6 | 54.9 | 82.3 |
| 206 | 26.5 | 21.2 | 31.8 |

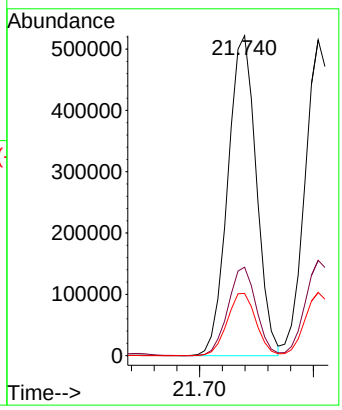





#81
Benzo(a)anthracene
Concen: 40.563 ng
RT: 21.740 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:228 Resp: 907919

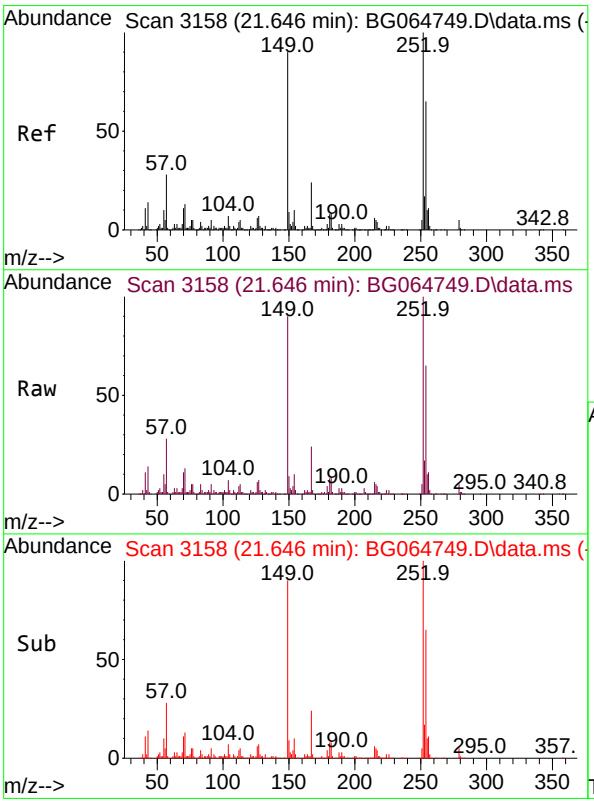
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.1 | 33.1 |
| 229 | 19.4 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

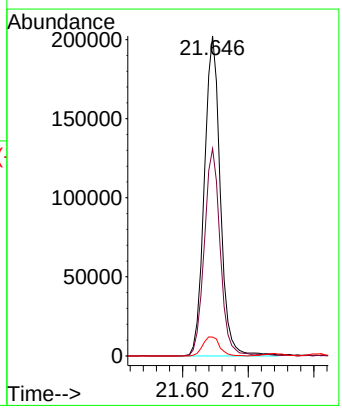
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

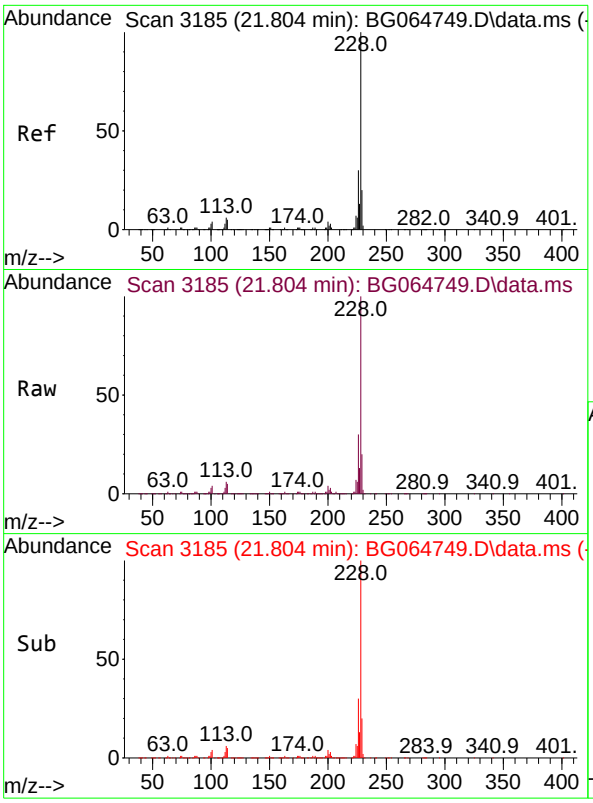



#82
3,3'-Dichlorobenzidine
Concen: 41.276 ng
RT: 21.646 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:252 Resp: 340049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 51.8 | 77.8 |
| 126 | 5.9 | 4.7 | 7.1 |






#83
Chrysene
Concen: 40.834 ng
RT: 21.804 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

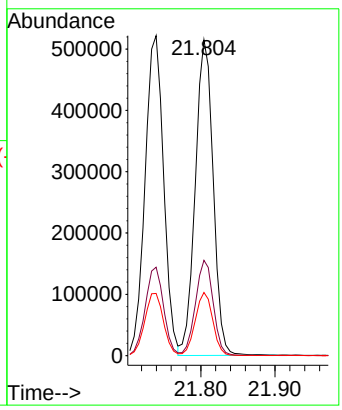
Tgt Ion:228 Resp: 86168

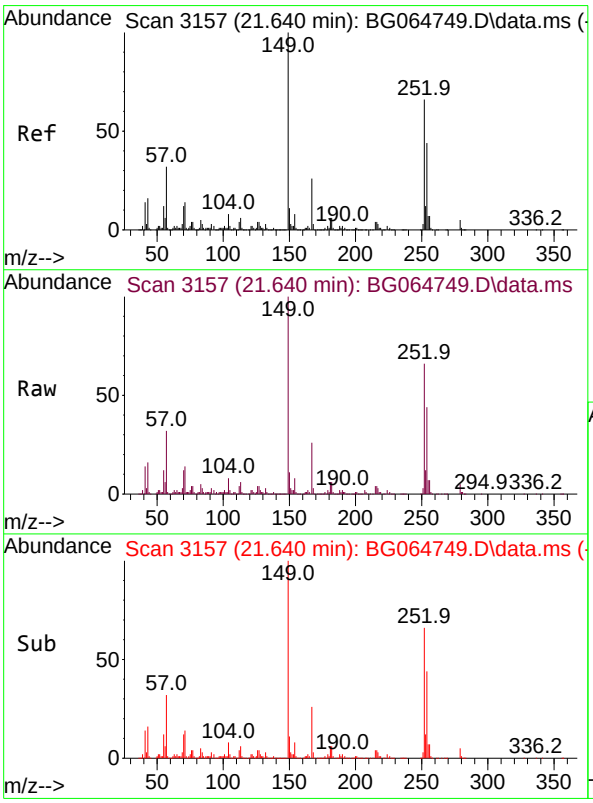
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.2 | 36.2 |
| 229 | 20.0 | 16.0 | 24.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

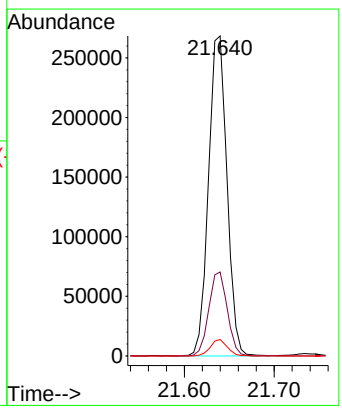


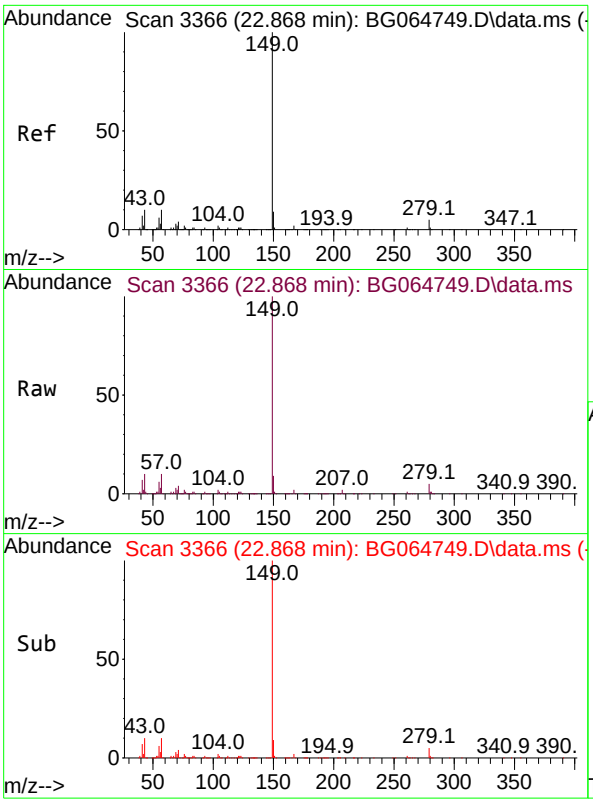




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.497 ng
RT: 21.640 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:149 Resp: 384010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 21.0 | 31.4 |
| 279 | 5.1 | 4.1 | 6.1 |

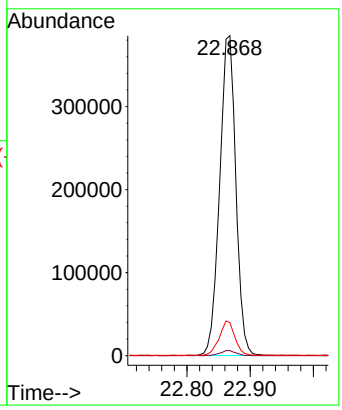





#85
Di-n-octyl phthalate
Concen: 41.680 ng
RT: 22.868 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:149 Resp: 68317

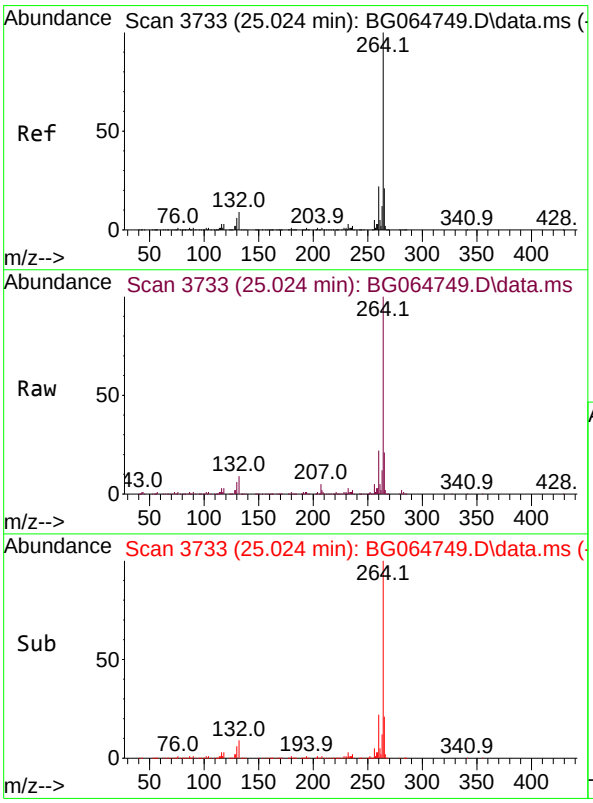
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.4 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

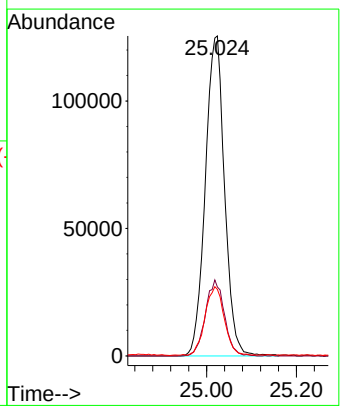
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

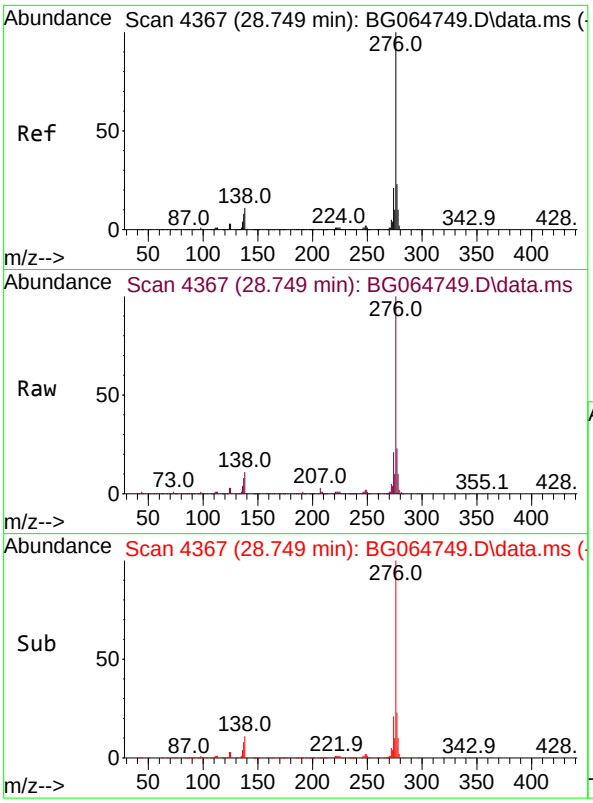



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3733
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:264 Resp: 372727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.5 | 17.2 | 25.8 |
| 265 | 20.8 | 16.6 | 25.0 |






#87
Indeno(1,2,3-cd)pyrene
Concen: 40.734 ng
RT: 28.749 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

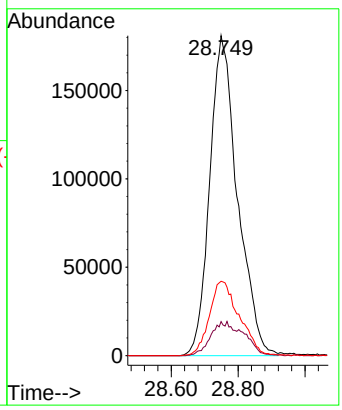
Tgt Ion:276 Resp: 104309

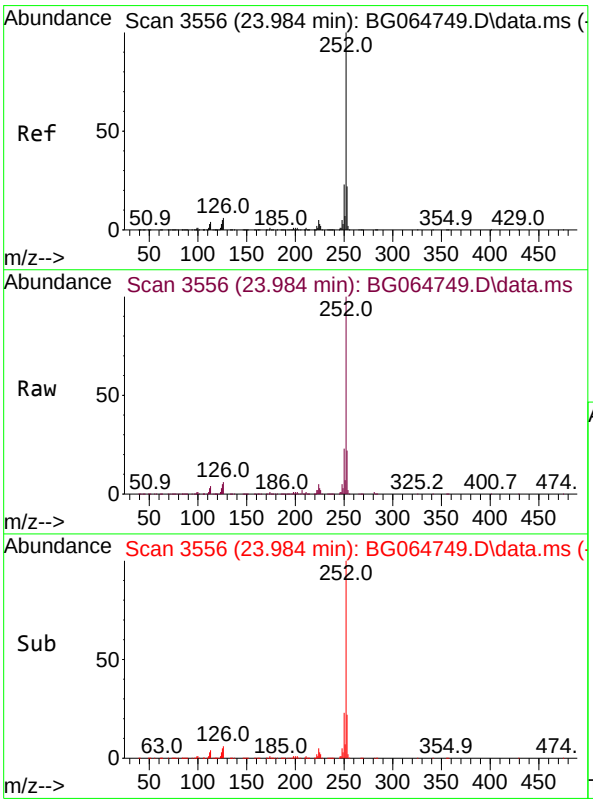
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 5.6 | 4.5 | 6.7 |
| 277 | 25.0 | 20.0 | 30.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

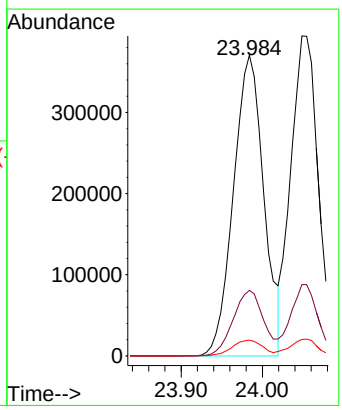


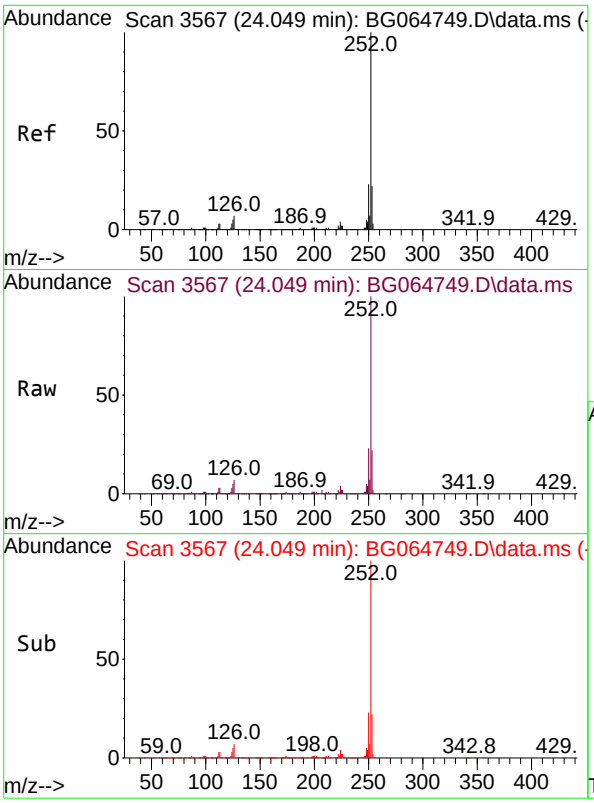




#88
Benzo(b)fluoranthene
Concen: 40.559 ng
RT: 23.984 min Scan# 3556
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:252 Resp: 962053

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.2 |
| 125 | 5.2 | 4.2 | 6.2 |

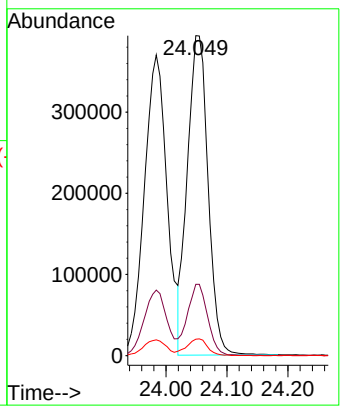





#89
Benzo(k)fluoranthene
Concen: 39.075 ng
RT: 24.049 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:252 Resp: 93115

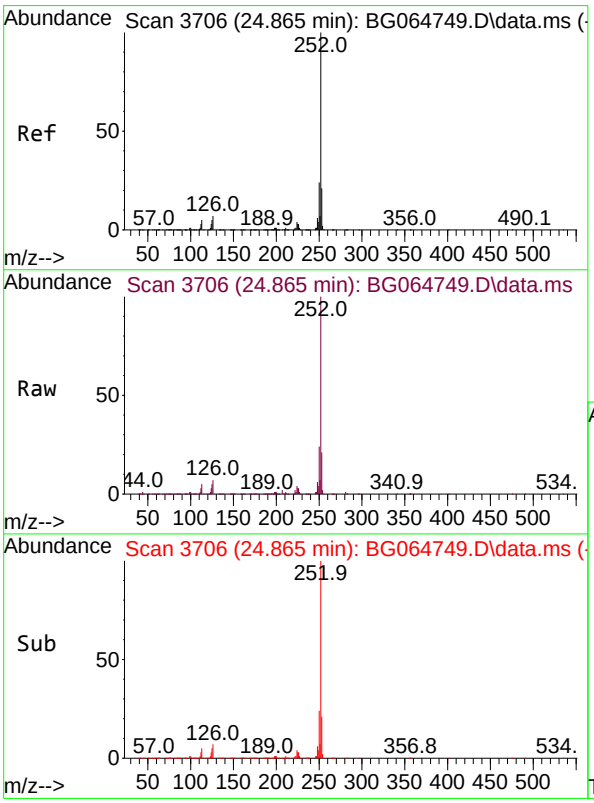
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.8 |
| 125 | 5.1 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

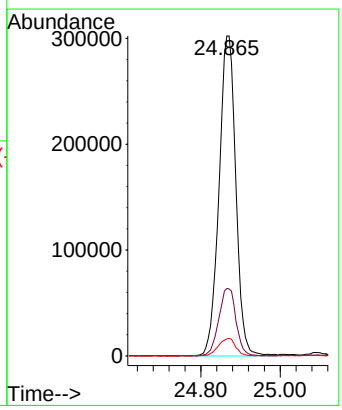
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

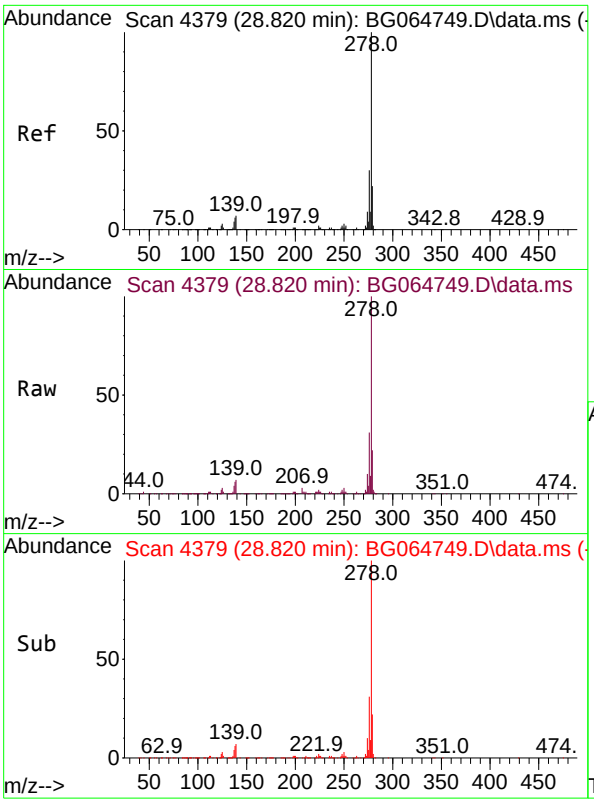



#90
Benzo(a)pyrene
Concen: 40.357 ng
RT: 24.865 min Scan# 3706
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:252 Resp: 887984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 16.9 | 25.3 |
| 125 | 5.3 | 4.2 | 6.4 |

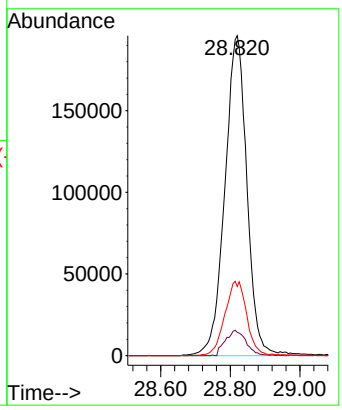





#91
Dibenzo(a,h)anthracene
Concen: 40.917 ng
RT: 28.820 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:278 Resp: 85836

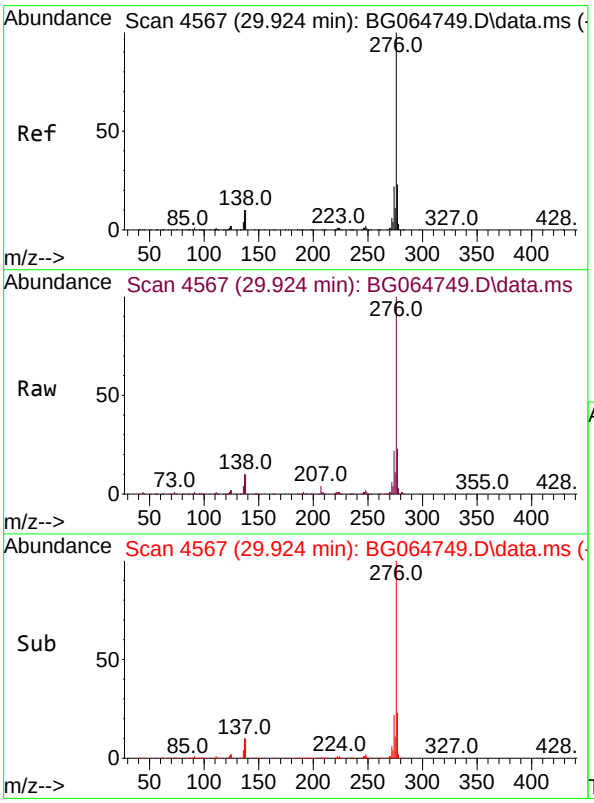
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.3 | 5.8 | 8.8 |
| 279 | 21.6 | 17.3 | 25.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

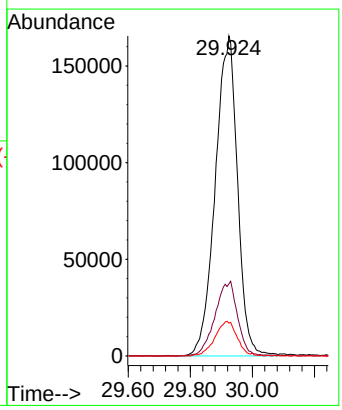
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025




#92
Benzo(g,h,i)perylene
Concen: 40.796 ng
RT: 29.924 min Scan# 4567
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:276 Resp: 823658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.5 | 18.0 | 27.0 |
| 138 | 10.2 | 8.2 | 12.2 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064750.D
Acq On : 12 Nov 2025 14:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:58:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.171 | 152 | 31498 | 20.000 | ng | # | 0.00 |
| 21) Naphthalene-d8 | 10.985 | 136 | 128561 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.775 | 164 | 106438 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.507 | 188 | 274480 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.761 | 240 | 357345 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.016 | 264 | 371257 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.703 | 112 | 186004 | 103.119 | ng | | 0.00 |
| 7) Phenol-d6 | 7.313 | 99 | 254548 | 106.101 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.328 | 82 | 267372 | 102.828 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.250 | 330 | 211663 | 101.964 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.412 | 172 | 744902 | 97.652 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.092 | 244 | 1857392 | 102.245 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.529 | 88 | 35574 | 50.943 | ng | | 98 |
| 3) Pyridine | 3.946 | 79 | 106725 | 51.294 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.853 | 42 | 54302 | 51.277 | ng | | 99 |
| 6) Aniline | 7.484 | 93 | 167371 | 52.339 | ng | | 99 |
| 8) 2-Chlorophenol | 7.724 | 128 | 103747 | 52.381 | ng | | 98 |
| 9) Benzaldehyde | 7.296 | 77 | 74755 | 47.601 | ng | | 95 |
| 10) Phenol | 7.337 | 94 | 139673 | 53.508 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.572 | 93 | 96399 | 51.898 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 8.059 | 146 | 115482 | 50.671 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 8.200 | 146 | 116931 | 50.387 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.524 | 146 | 113910 | 50.623 | ng | | 96 |
| 15) Benzyl Alcohol | 8.400 | 79 | 105367 | 53.506 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.694 | 45 | 225281 | 51.240 | ng | | 97 |
| 17) 2-Methylphenol | 8.600 | 107 | 97154 | 52.602 | ng | | 98 |
| 18) Hexachloroethane | 9.264 | 117 | 43284 | 49.245 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.970 | 70 | 89646 | 55.264 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.929 | 107 | 131483 | 51.964 | ng | | 95 |
| 22) Acetophenone | 8.988 | 105 | 178320 | 50.911 | ng | # | 96 |
| 24) Nitrobenzene | 9.370 | 77 | 133911 | 50.970 | ng | | 96 |
| 25) Isophorone | 9.898 | 82 | 252330 | 50.959 | ng | | 96 |
| 26) 2-Nitrophenol | 10.086 | 139 | 62279 | 52.701 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 10.139 | 122 | 107426 | 51.169 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 10.374 | 93 | 138748 | 51.040 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.621 | 162 | 119188 | 52.879 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.844 | 180 | 134410 | 49.384 | ng | | 95 |
| 31) Naphthalene | 11.038 | 128 | 360779 | 49.504 | ng | | 99 |
| 32) Benzoic acid | 10.263 | 122 | 71126m | 47.913 | ng | | |
| 33) 4-Chloroaniline | 11.132 | 127 | 151856 | 52.089 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.326 | 225 | 114930 | 49.215 | ng | | 96 |
| 35) Caprolactam | 11.896 | 113 | 36692 | 54.473 | ng | # | 92 |
| 36) 4-Chloro-3-methylphenol | 12.237 | 107 | 129260 | 51.523 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.625 | 142 | 273168 | 50.088 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.842 | 142 | 268378 | 49.540 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.989 | 216 | 201992 | 48.764 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.971 | 237 | 148300 | 49.948 | ng | | 94 |
| 43) 2,4,6-Trichlorophenol | 13.218 | 196 | 126206 | 51.912 | ng | | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064750.D
Acq On : 12 Nov 2025 14:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:58:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.289 | 196 | 138309 | 50.724 | ng | | 96 |
| 46) | 1,1'-Biphenyl | 13.618 | 154 | 373911 | 48.911 | ng | | 98 |
| 47) | 2-Chloronaphthalene | 13.665 | 162 | 296964 | 49.307 | ng | | 98 |
| 48) | 2-Nitroaniline | 13.853 | 65 | 101905 | 52.606 | ng | | 97 |
| 49) | Acenaphthylene | 14.499 | 152 | 513965 | 49.951 | ng | | 98 |
| 50) | Dimethylphthalate | 14.223 | 163 | 420404 | 50.001 | ng | | 100 |
| 51) | 2,6-Dinitrotoluene | 14.340 | 165 | 84245 | 52.071 | ng | | 96 |
| 52) | Acenaphthene | 14.840 | 154 | 313277 | 50.780 | ng | | 99 |
| 53) | 3-Nitroaniline | 14.663 | 138 | 85159 | 53.331 | ng | | 94 |
| 54) | 2,4-Dinitrophenol | 14.869 | 184 | 50173 | 48.998 | ng | | 91 |
| 55) | Dibenzofuran | 15.175 | 168 | 503441 | 49.360 | ng | | 96 |
| 56) | 4-Nitrophenol | 14.957 | 139 | 68287 | 53.900 | ng | | 92 |
| 57) | 2,4-Dinitrotoluene | 15.116 | 165 | 125592 | 51.779 | ng | | 95 |
| 58) | Fluorene | 15.815 | 166 | 388983 | 48.627 | ng | | 99 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.392 | 232 | 142728 | 53.053 | ng | | 97 |
| 60) | Diethylphthalate | 15.574 | 149 | 407694 | 50.617 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.803 | 204 | 234740 | 48.897 | ng | | 99 |
| 62) | 4-Nitroaniline | 15.827 | 138 | 89205 | 53.925 | ng | | 91 |
| 63) | Azobenzene | 16.097 | 77 | 332609 | 49.648 | ng | | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 15.880 | 198 | 83106 | 54.533 | ng | | 98 |
| 66) | n-Nitrosodiphenylamine | 16.015 | 169 | 356316 | 49.560 | ng | | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.696 | 248 | 177607 | 49.273 | ng | | 95 |
| 68) | Hexachlorobenzene | 16.820 | 284 | 218143 | 49.952 | ng | | 95 |
| 69) | Atrazine | 16.949 | 200 | 173976 | 50.190 | ng | | 99 |
| 70) | Pentachlorophenol | 17.155 | 266 | 121224 | 49.449 | ng | | 94 |
| 71) | Phenanthrene | 17.548 | 178 | 741474 | 49.373 | ng | | 99 |
| 72) | Anthracene | 17.642 | 178 | 754273 | 49.256 | ng | | 99 |
| 73) | Carbazole | 17.901 | 167 | 647451 | 49.183 | ng | | 99 |
| 74) | Di-n-butylphthalate | 18.453 | 149 | 738268 | 50.268 | ng | | 100 |
| 75) | Fluoranthene | 19.540 | 202 | 1002435 | 48.814 | ng | | 99 |
| 77) | Benzidine | 19.710 | 184 | 551983 | 51.578 | ng | | 98 |
| 78) | Pyrene | 19.904 | 202 | 1040032 | 51.930 | ng | | 98 |
| 80) | Butylbenzylphthalate | 20.774 | 149 | 360898 | 51.231 | ng | | 95 |
| 81) | Benzo(a)anthracene | 21.737 | 228 | 1212620 | 49.906 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.643 | 252 | 452926 | 50.644 | ng | | 99 |
| 83) | Chrysene | 21.808 | 228 | 1131589 | 49.398 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.638 | 149 | 509870 | 49.532 | ng | | 99 |
| 85) | Di-n-octyl phthalate | 22.866 | 149 | 878300 | 49.360 | ng | | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.759 | 276 | 1303237 | 51.094 | ng | # | 96 |
| 88) | Benzo(b)fluoranthene | 23.982 | 252 | 1186948 | 50.239 | ng | | 100 |
| 89) | Benzo(k)fluoranthene | 24.052 | 252 | 1187020 | 50.009 | ng | | 100 |
| 90) | Benzo(a)pyrene | 24.869 | 252 | 1096687 | 50.040 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.817 | 278 | 1071866 | 51.297 | ng | | 97 |
| 92) | Benzo(g,h,i)perylene | 29.922 | 276 | 1028630 | 51.150 | ng | | 97 |

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

ICAL Form

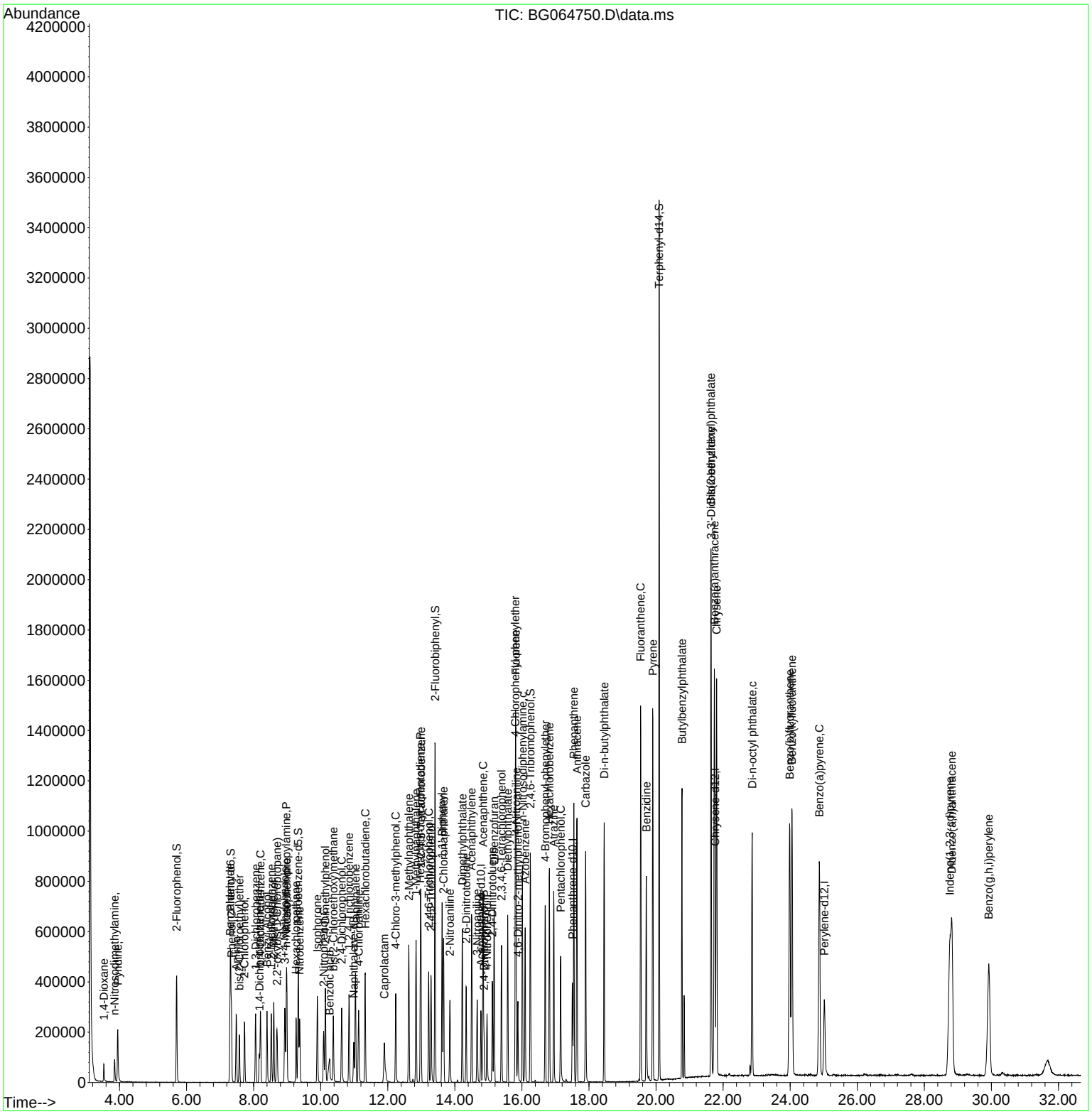
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Data File : BG064750.D
Acq On : 12 Nov 2025 14:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

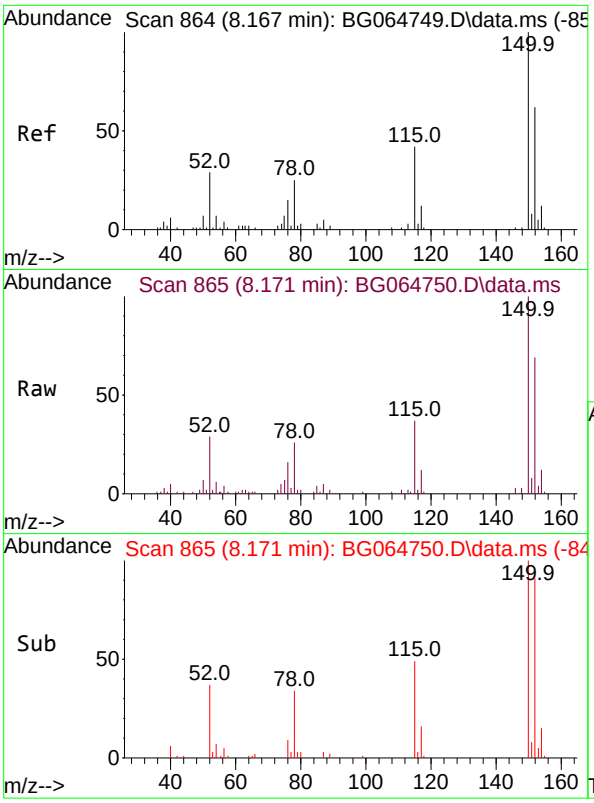
Quant Time: Nov 12 16:58:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

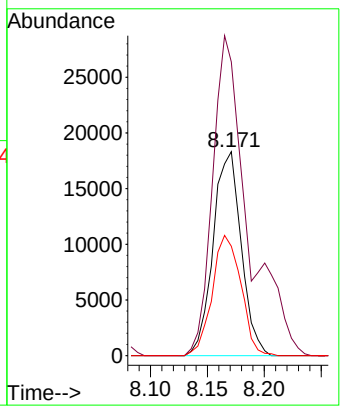





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.171 min Scan# 8
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:152 Resp: 3149

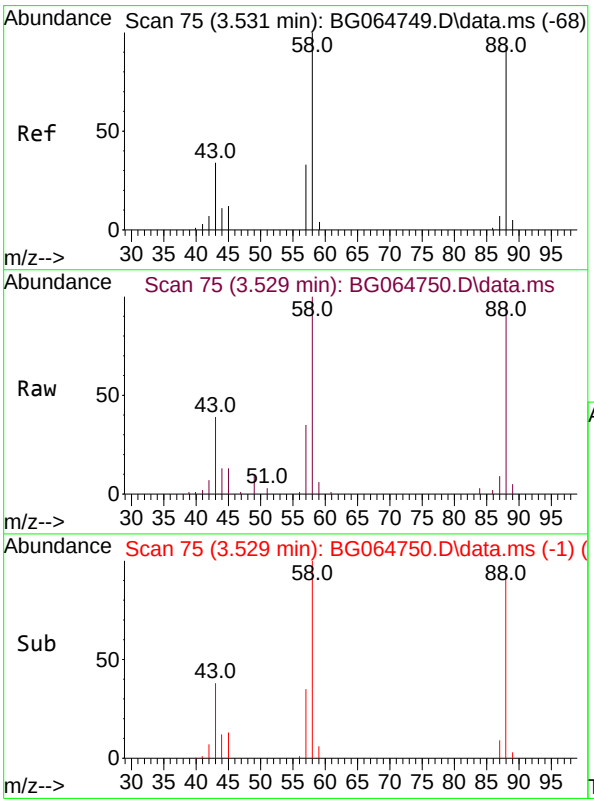
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.0 | 129.2 | 193.8 |
| 115 | 53.6 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

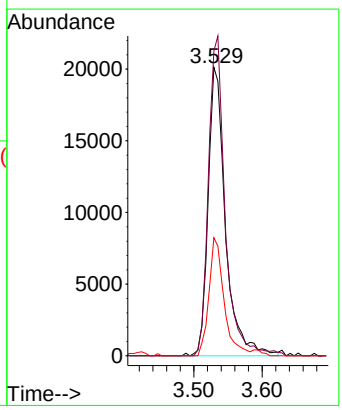
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

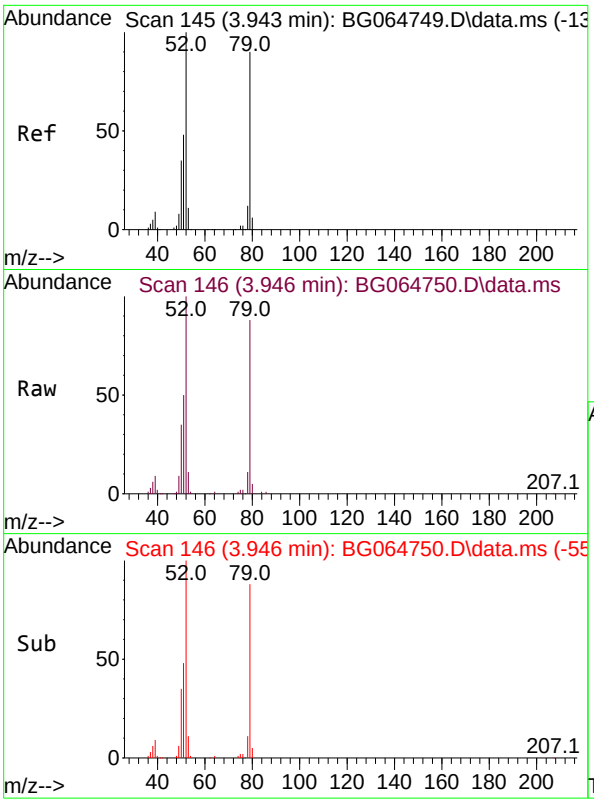



#2
1,4-Dioxane
Concen: 50.943 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 88 Resp: 35574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 107.0 | 84.6 | 126.8 |
| 43 | 35.8 | 30.0 | 45.0 |

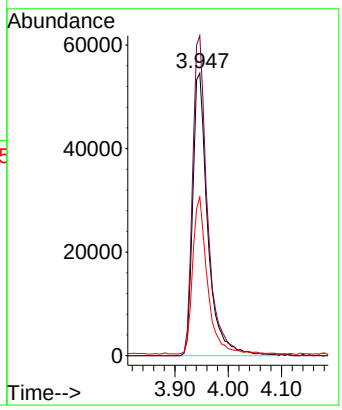





#3
Pyridine
Concen: 51.294 ng
RT: 3.946 min Scan# 14
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 79 Resp: 10672

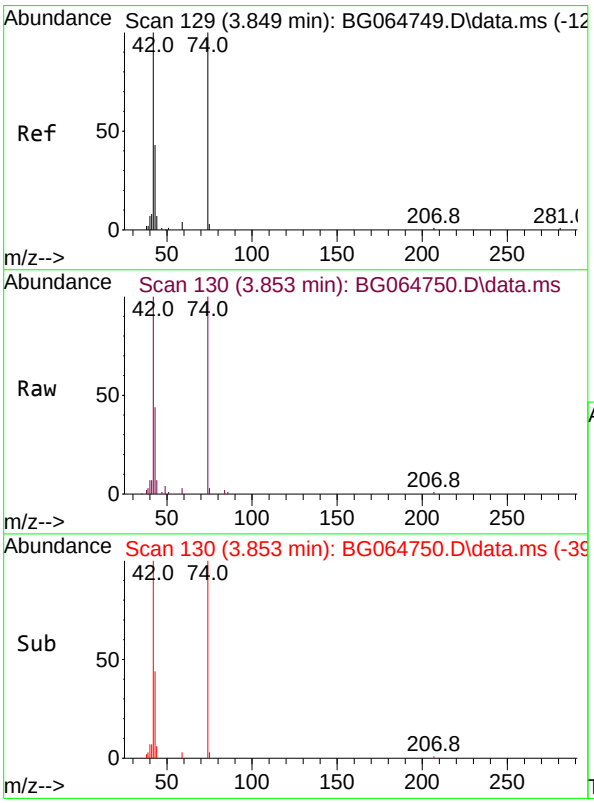
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 113.3 | 89.0 | 133.4 |
| 51 | 56.2 | 43.4 | 65.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

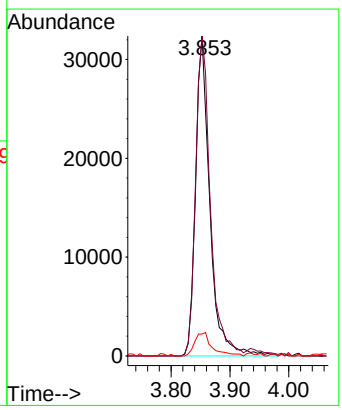
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

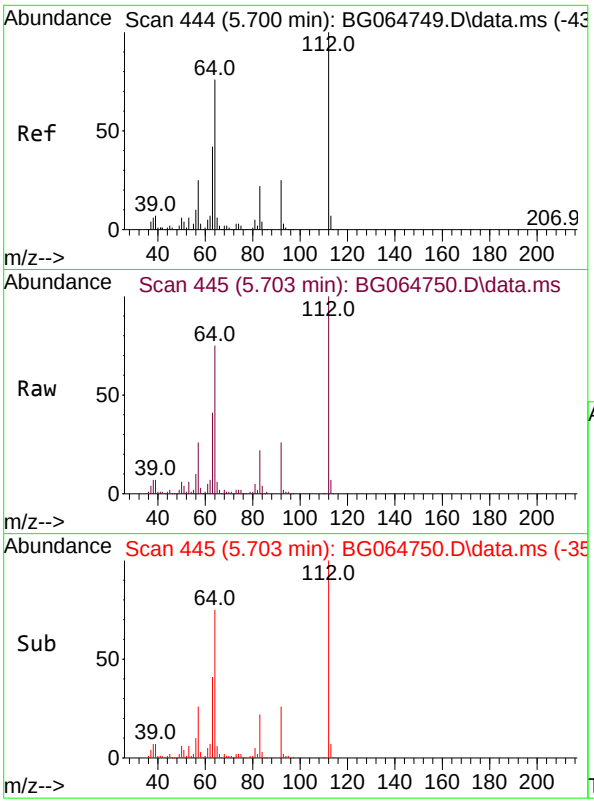



#4
n-Nitrosodimethylamine
Concen: 51.277 ng
RT: 3.853 min Scan# 130
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 42 Resp: 54302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 100.1 | 79.8 | 119.6 |
| 44 | 6.8 | 5.9 | 8.9 |






#5
2-Fluorophenol
Concen: 103.119 ng
RT: 5.703 min Scan# 44
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

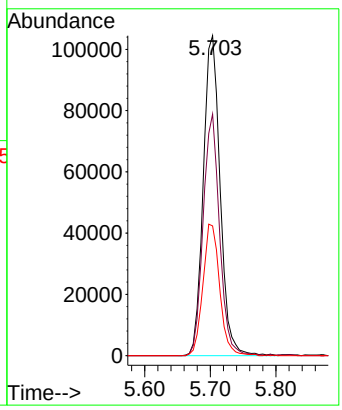
Tgt Ion:112 Resp: 18600

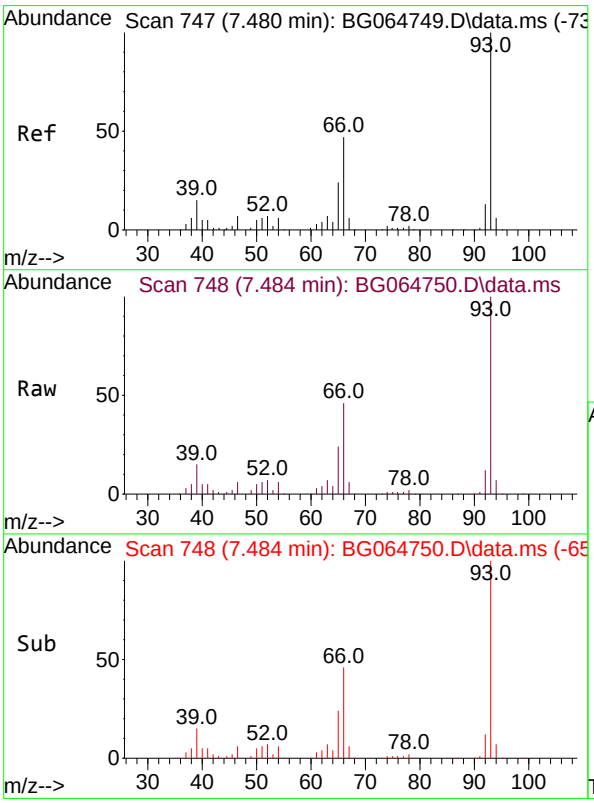
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.5 | 61.0 | 91.4 |
| 63 | 40.5 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

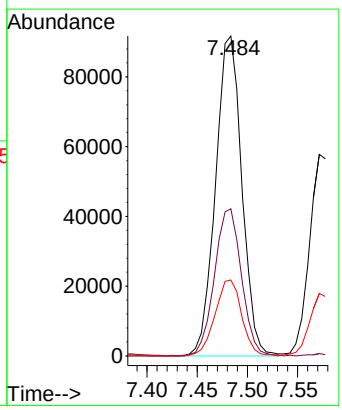


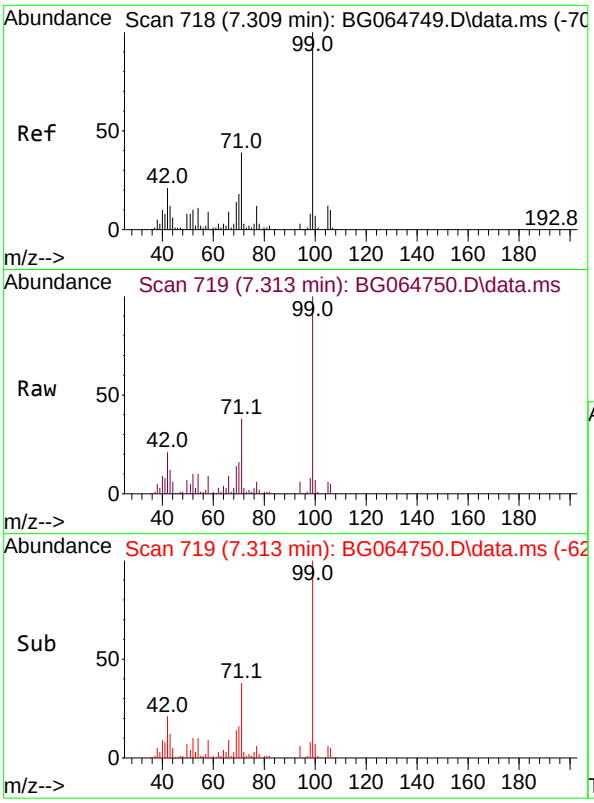




#6
Aniline
Concen: 52.339 ng
RT: 7.484 min Scan# 748
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 93 Resp: 167371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 46.0 | 37.7 | 56.5 |
| 65 | 23.7 | 19.1 | 28.7 |

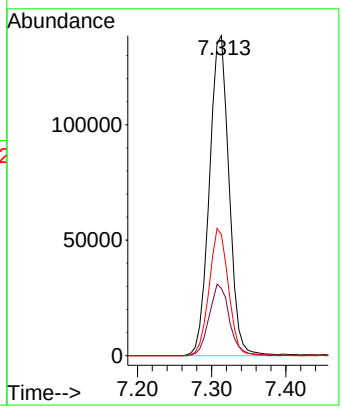





#7
Phenol-d6
Concen: 106.101 ng
RT: 7.313 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 99 Resp: 254548

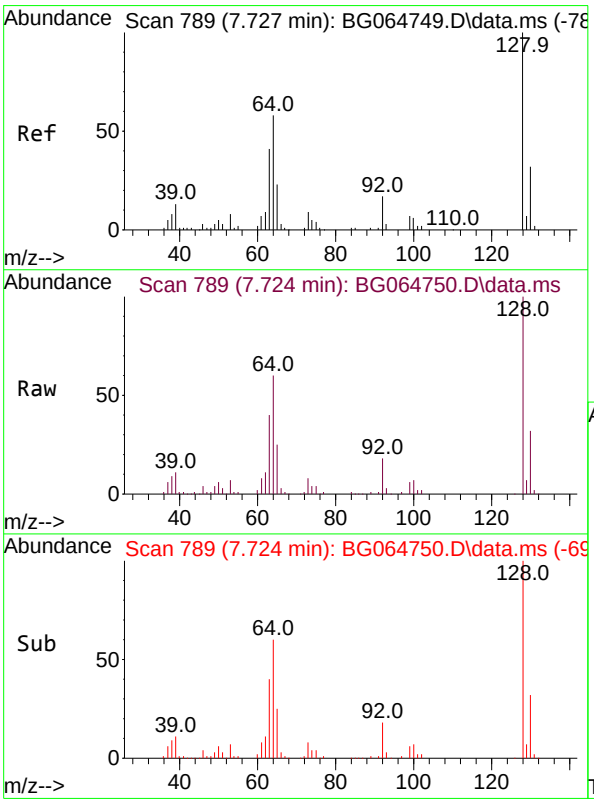
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.0 | 16.8 | 25.2 |
| 71 | 37.8 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

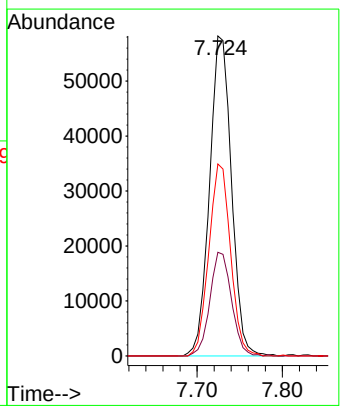
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

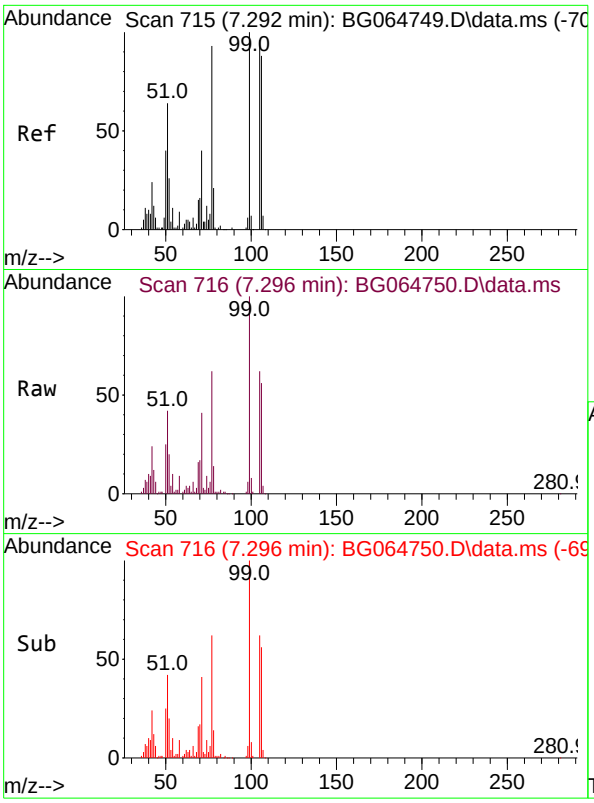



#8
2-Chlorophenol
Concen: 52.381 ng
RT: 7.724 min Scan# 789
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:128 Resp: 103747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 11.9 | 51.9 |
| 64 | 60.0 | 38.4 | 78.4 |

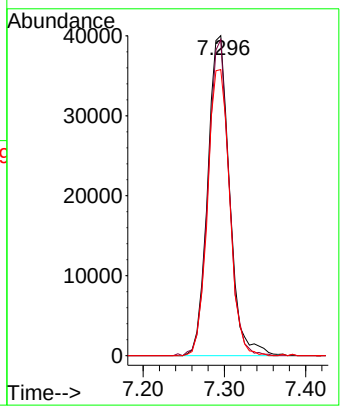





#9
Benzaldehyde
Concen: 47.601 ng
RT: 7.296 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 77 Resp: 7475

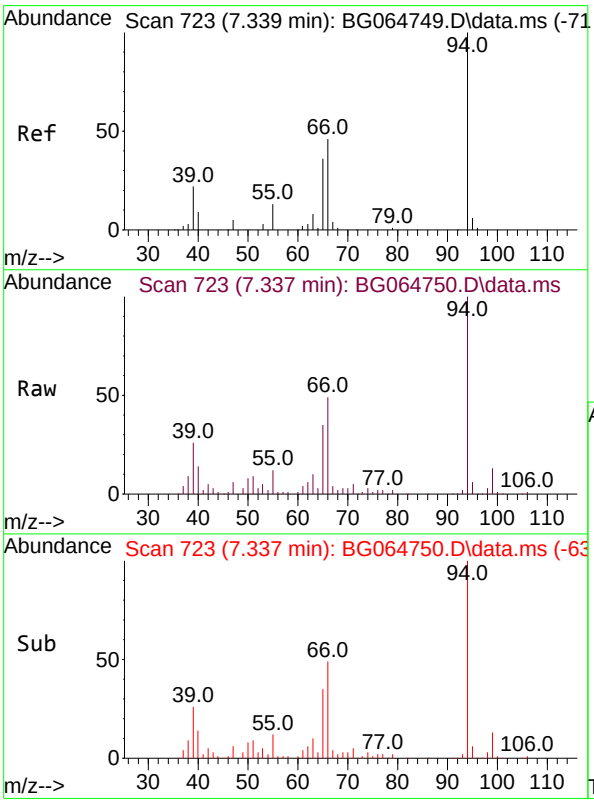
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.7 | 83.8 | 123.8 |
| 106 | 89.4 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

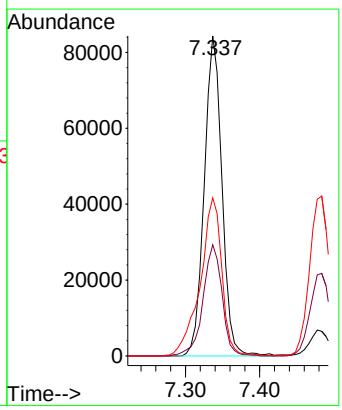
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

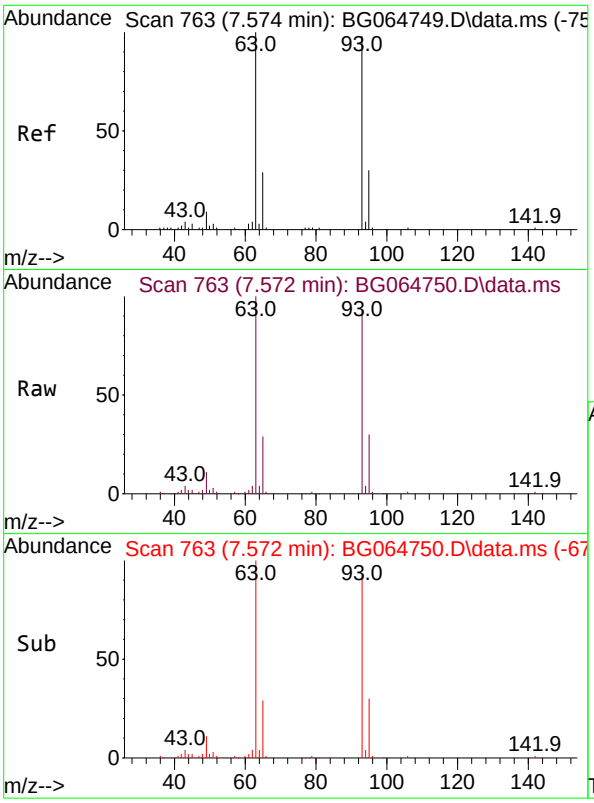



#10
Phenol
Concen: 53.508 ng
RT: 7.337 min Scan# 723
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 94 Resp: 139673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.7 | 17.0 | 57.0 |
| 66 | 49.4 | 29.8 | 69.8 |

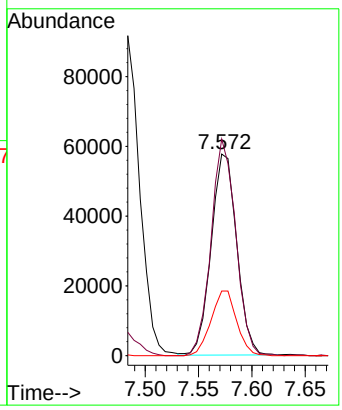





#11
bis(2-Chloroethyl)ether
Concen: 51.898 ng
RT: 7.572 min Scan# 7
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 93 Resp: 9639

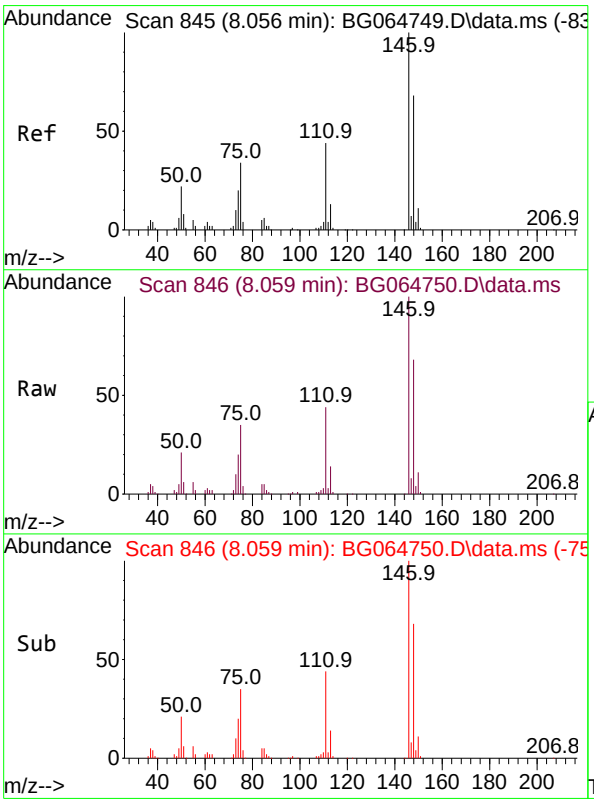
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 107.5 | 81.8 | 121.8 |
| 95 | 32.0 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

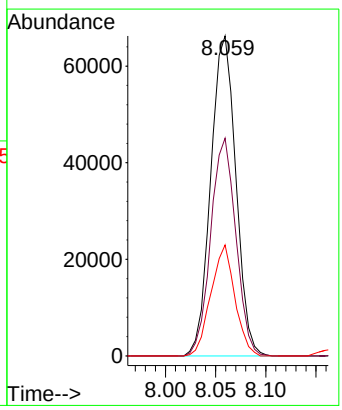
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

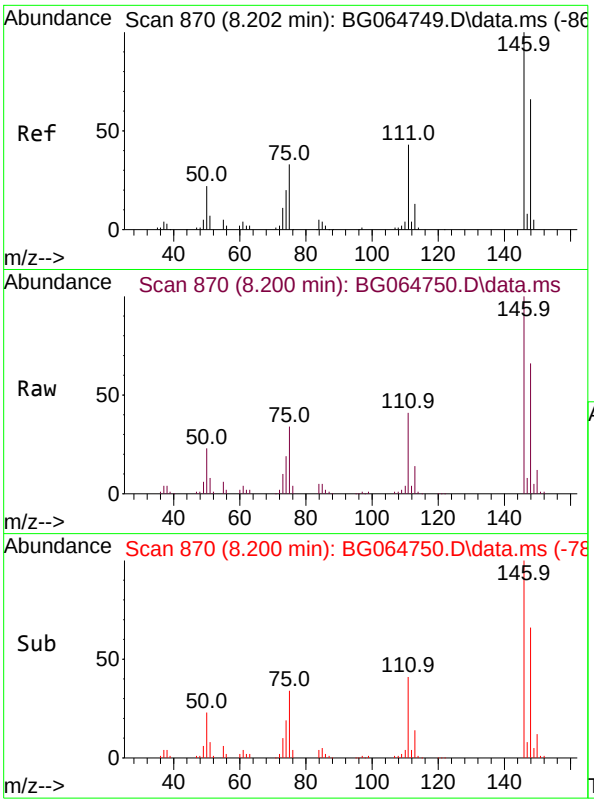



#12
1,3-Dichlorobenzene
Concen: 50.671 ng
RT: 8.059 min Scan# 846
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:146 Resp: 115482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.0 | 54.6 | 82.0 |
| 75 | 34.7 | 27.6 | 41.4 |

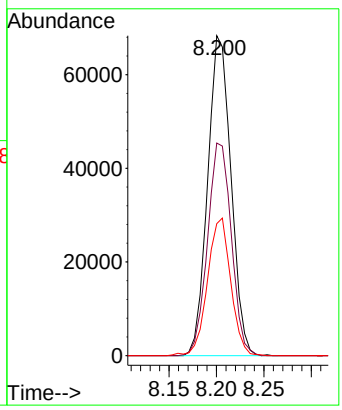





#13
1,4-Dichlorobenzene
Concen: 50.387 ng
RT: 8.200 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:146 Resp: 11693

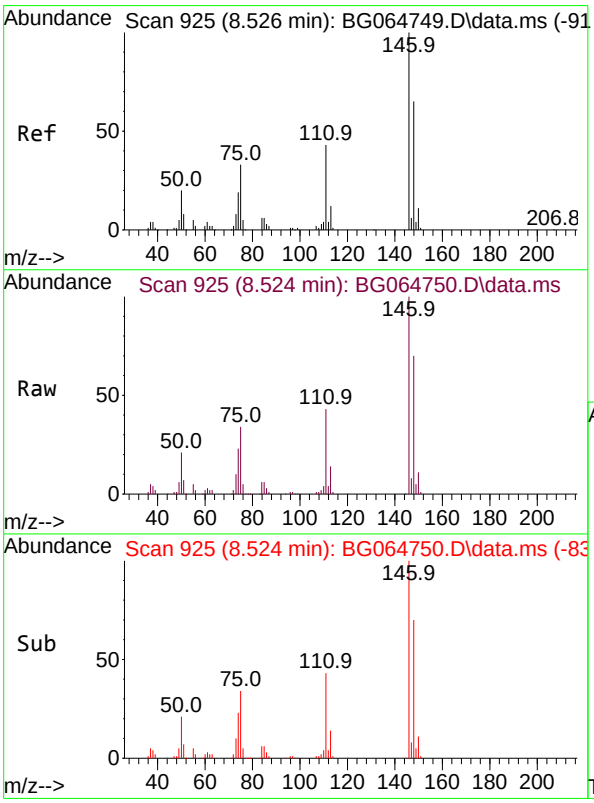
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.4 | 53.1 | 79.7 |
| 111 | 41.2 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

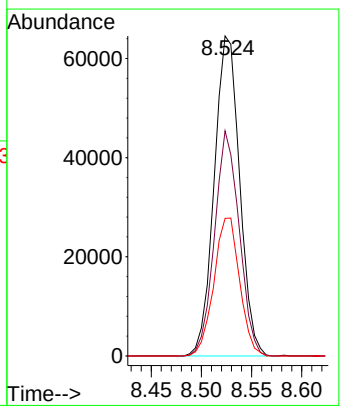
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

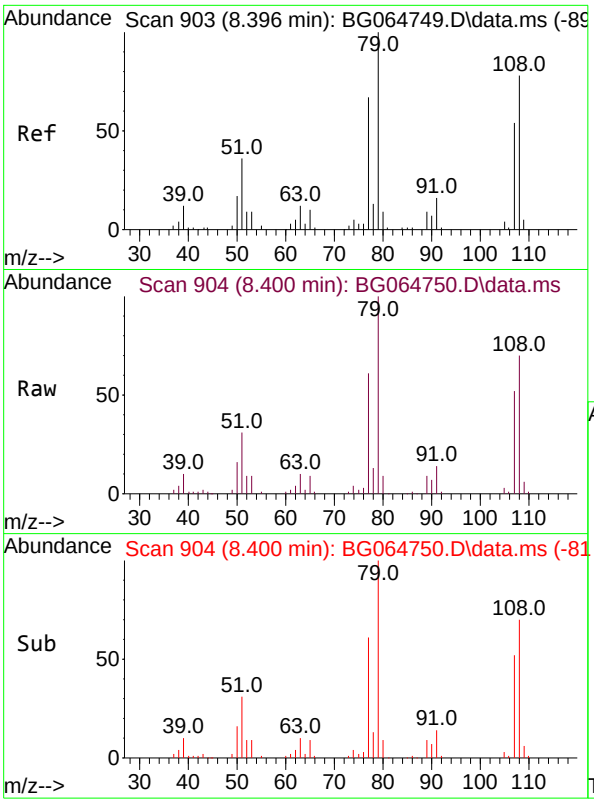



#14
1,2-Dichlorobenzene
Concen: 50.623 ng
RT: 8.524 min Scan# 925
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:146 Resp: 113910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.3 | 52.0 | 78.0 |
| 111 | 43.0 | 34.7 | 52.1 |

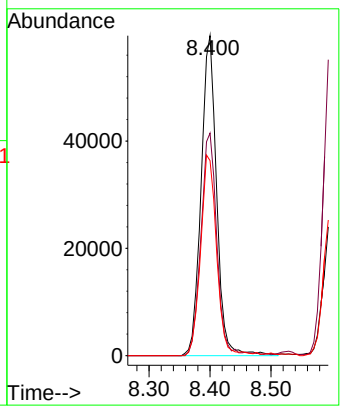





#15
Benzyl Alcohol
Concen: 53.506 ng
RT: 8.400 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 79 Resp: 10536

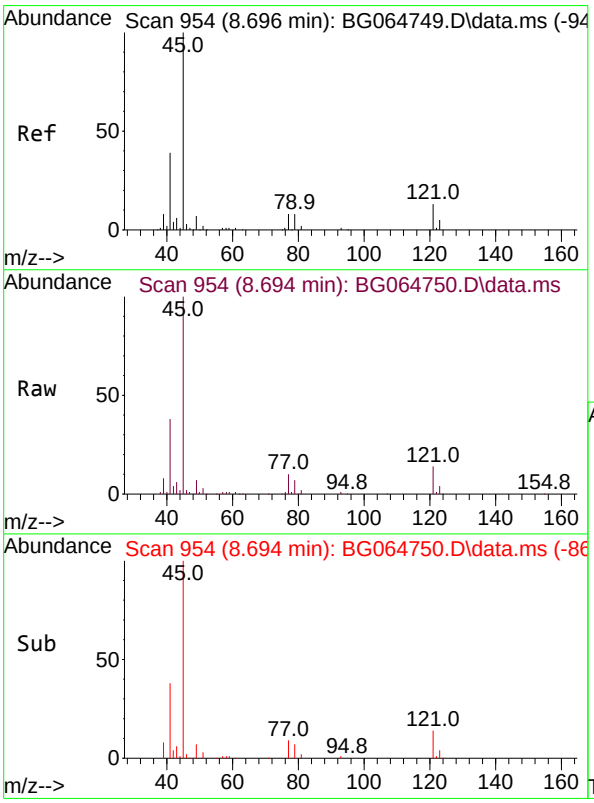
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.5 | 62.3 | 93.5 |
| 77 | 60.9 | 53.5 | 80.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

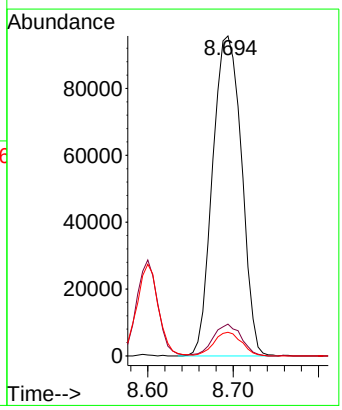
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

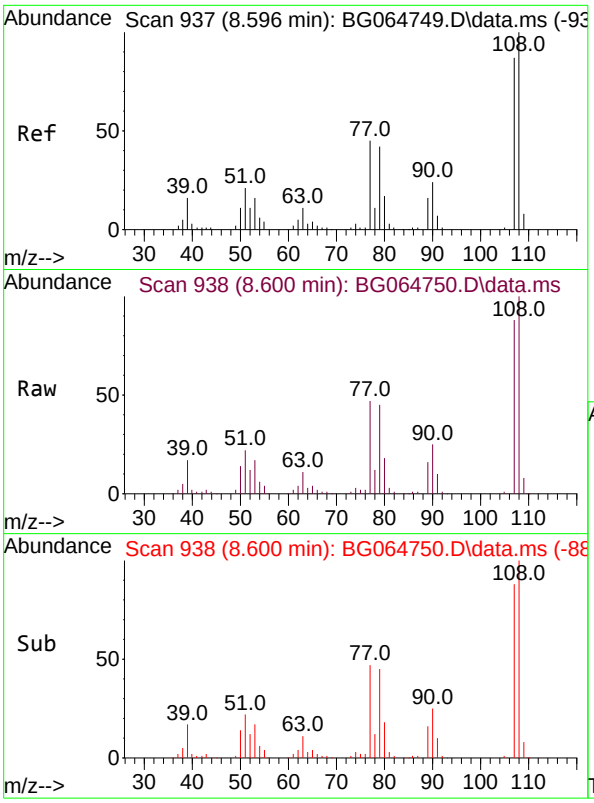



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.240 ng
RT: 8.694 min Scan# 954
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 45 Resp: 225281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.9 | 0.0 | 28.8 |
| 79 | 7.4 | 0.0 | 28.1 |

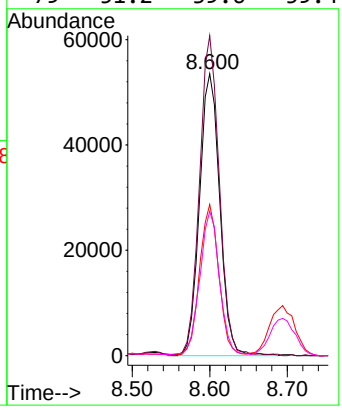





#17
2-Methylphenol
Concen: 52.602 ng
RT: 8.600 min Scan# 9
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:107 Resp: 9715

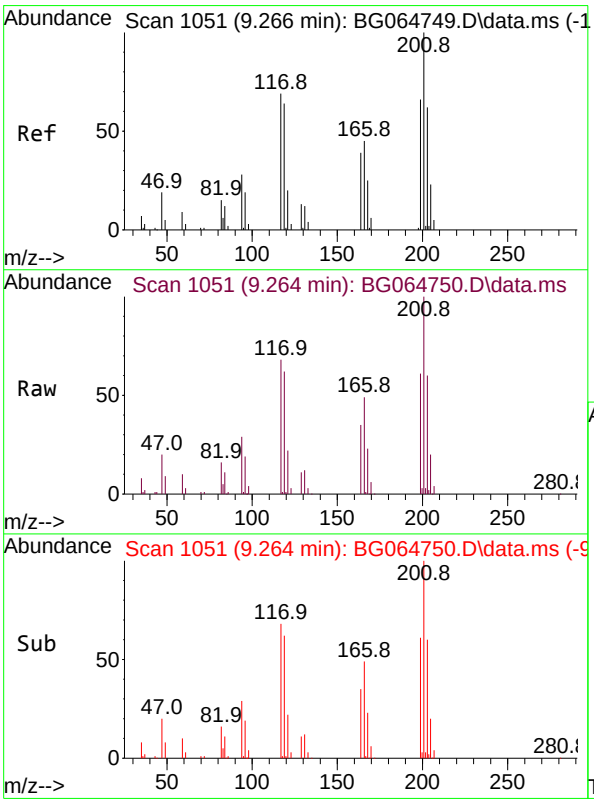
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.6 | 92.6 | 138.8 |
| 77 | 53.6 | 41.2 | 61.8 |
| 79 | 51.2 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

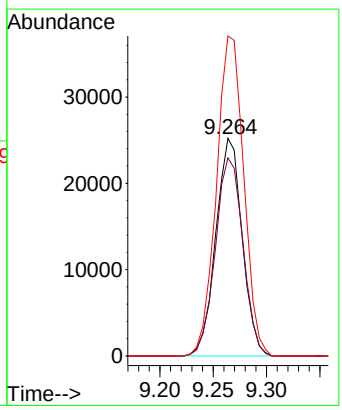
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

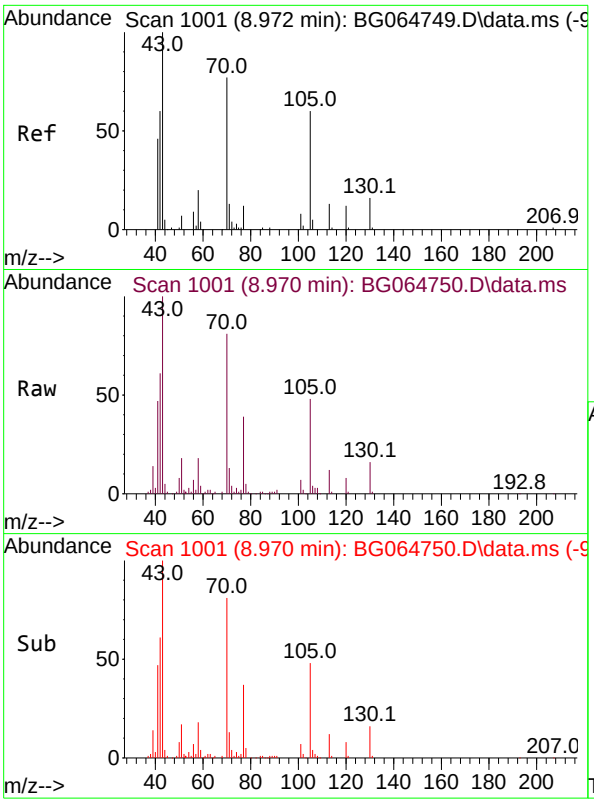



#18
Hexachloroethane
Concen: 49.245 ng
RT: 9.264 min Scan# 1051
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:117 Resp: 43284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 89.5 | 74.4 | 111.6 |
| 201 | 144.6 | 116.5 | 174.7 |

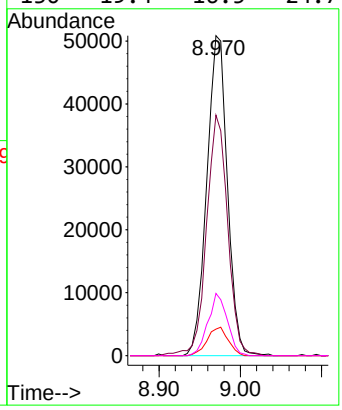





#19
n-Nitroso-di-n-propylamine
Concen: 55.264 ng
RT: 8.970 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 70 Resp: 8964

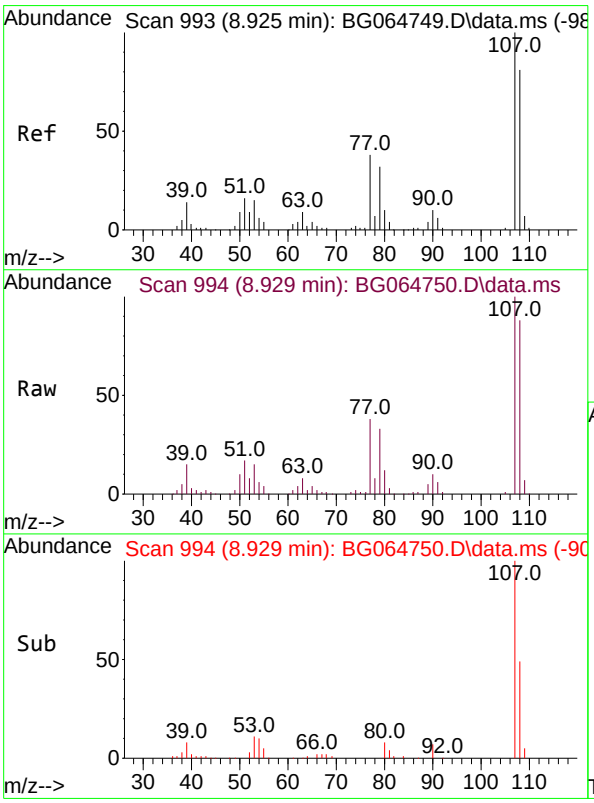
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 75.1 | 62.6 | 93.8 |
| 101 | 8.3 | 8.0 | 12.0 |
| 130 | 19.4 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

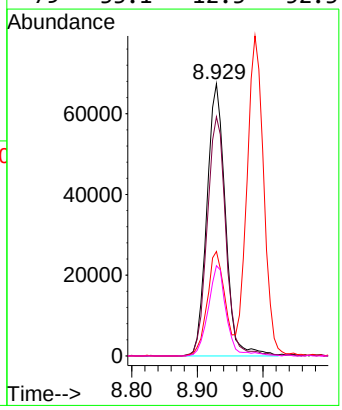
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

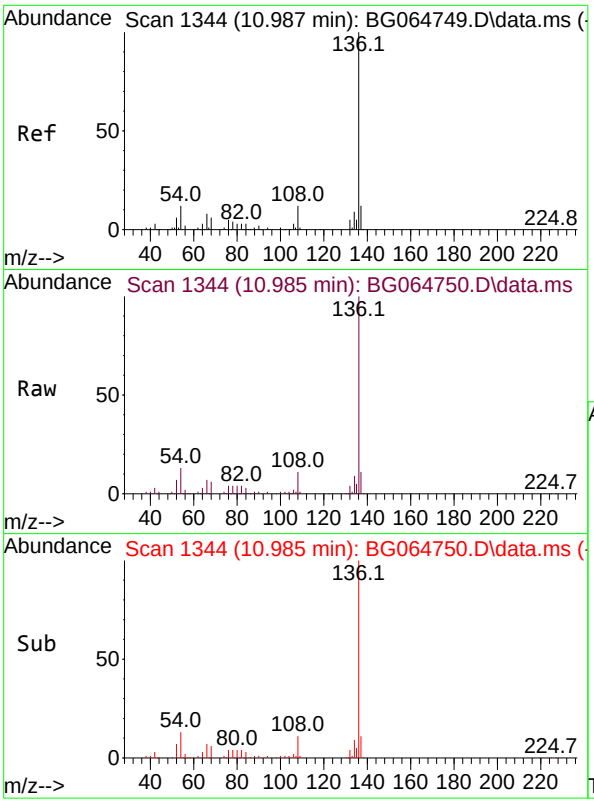



#20
3+4-Methylphenols
Concen: 51.964 ng
RT: 8.929 min Scan# 994
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:107 Resp: 131483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.9 | 61.0 | 101.0 |
| 77 | 38.3 | 17.6 | 57.6 |
| 79 | 33.1 | 12.3 | 52.3 |

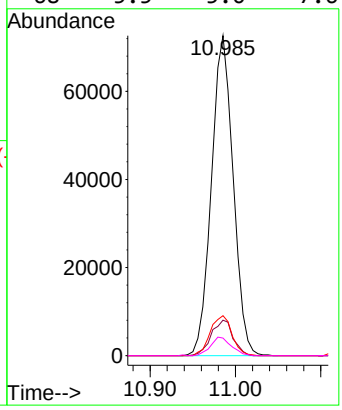





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:136 Resp: 12856

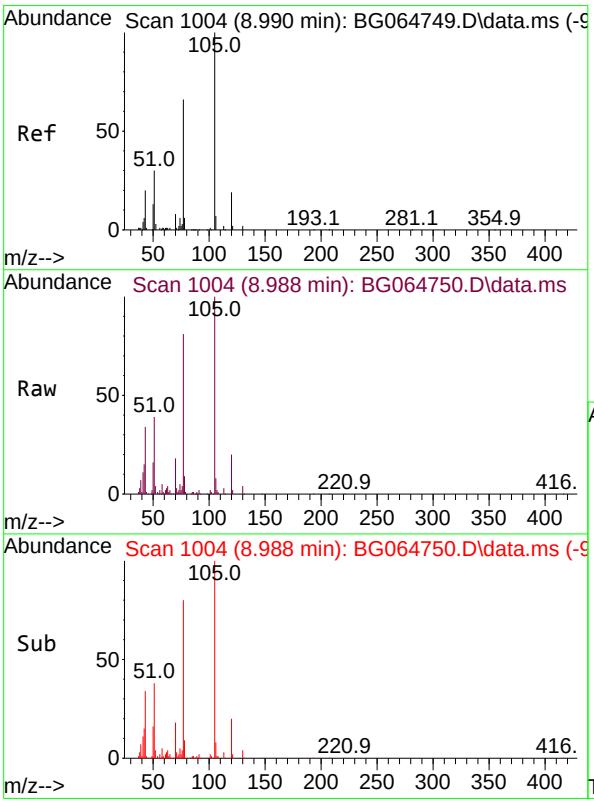
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.3 | 13.9 |
| 54 | 12.5 | 9.3 | 13.9 |
| 68 | 5.5 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

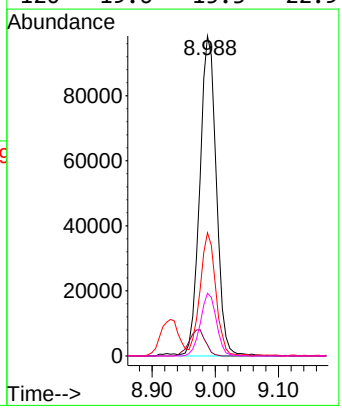
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

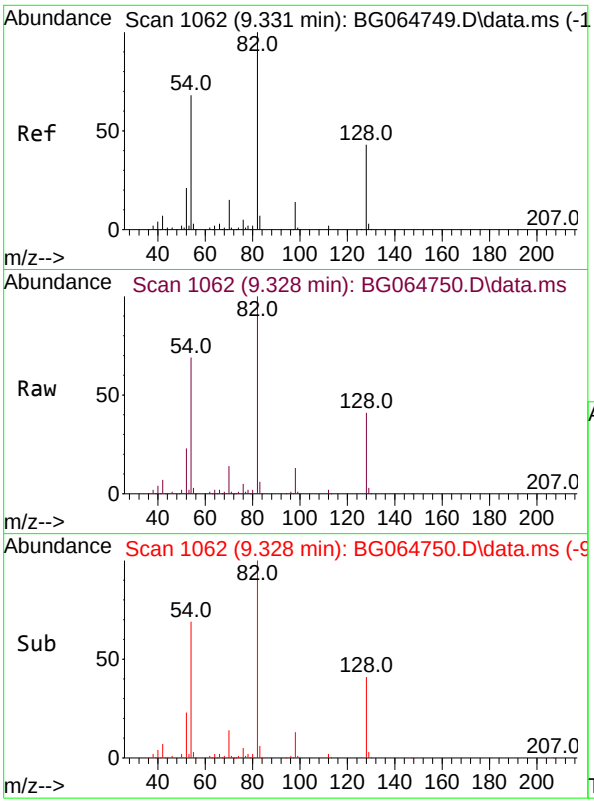



#22
Acetophenone
Concen: 50.911 ng
RT: 8.988 min Scan# 1004
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:105 Resp: 178320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.4 | 1.3 | 1.9# |
| 51 | 38.5 | 27.9 | 41.9 |
| 120 | 19.6 | 15.3 | 22.9 |

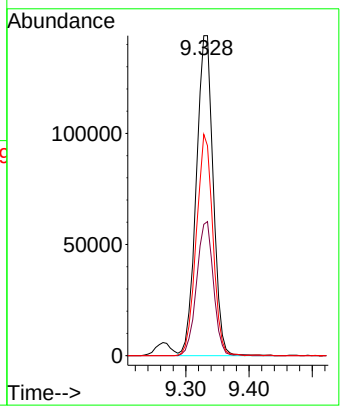





#23
Nitrobenzene-d5
Concen: 102.828 ng
RT: 9.328 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 82 Resp: 26737

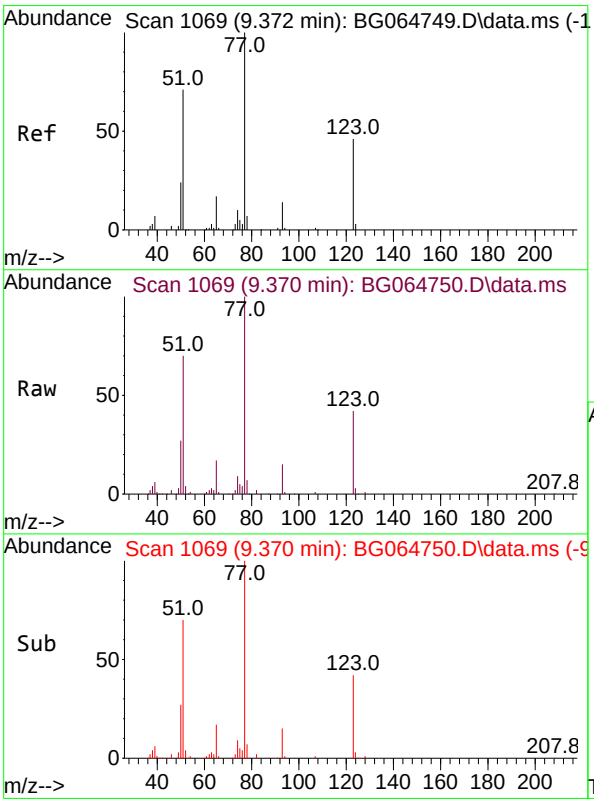
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.0 | 34.1 | 51.1 |
| 54 | 69.1 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

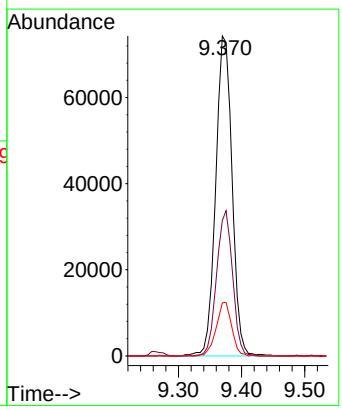
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

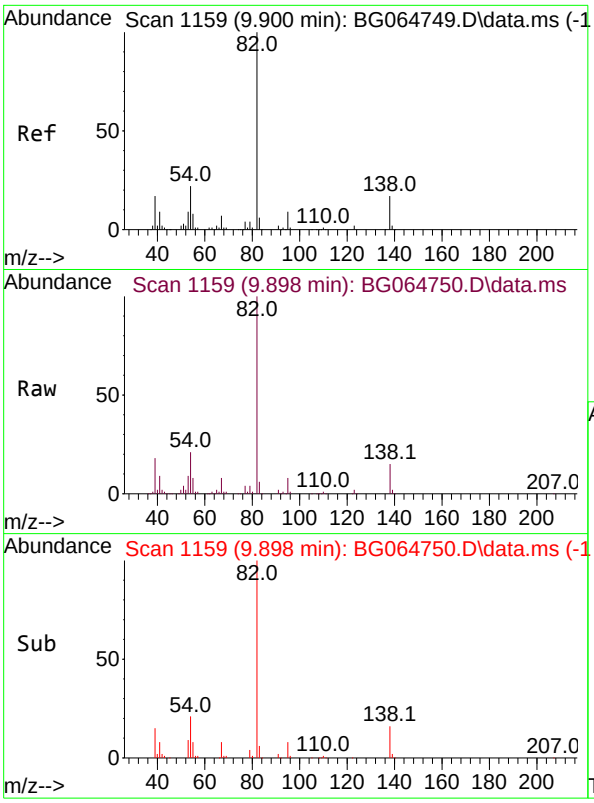



#24
Nitrobenzene
Concen: 50.970 ng
RT: 9.370 min Scan# 1069
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 77 Resp: 133911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 42.3 | 36.5 | 54.7 |
| 65 | 16.6 | 13.5 | 20.3 |

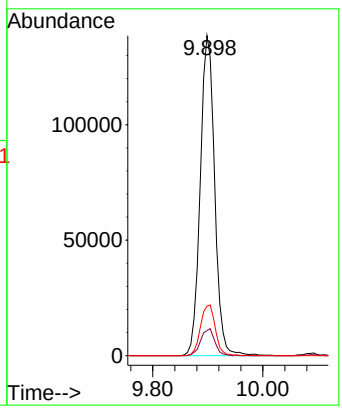





#25
Isophorone
Concen: 50.959 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 82 Resp: 25233

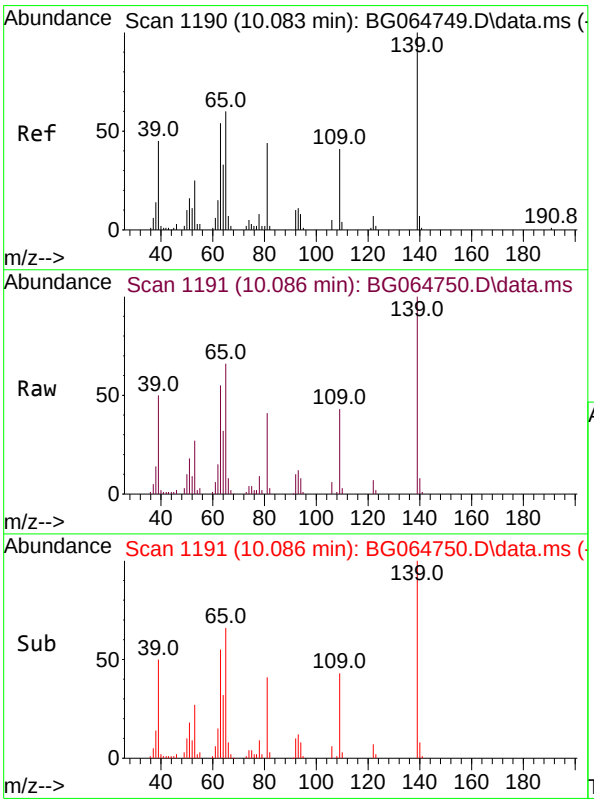
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.8 | 6.9 | 10.3 |
| 138 | 15.5 | 13.9 | 20.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

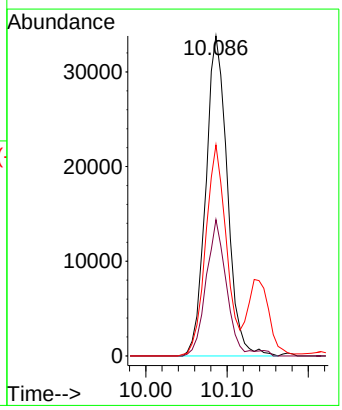
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

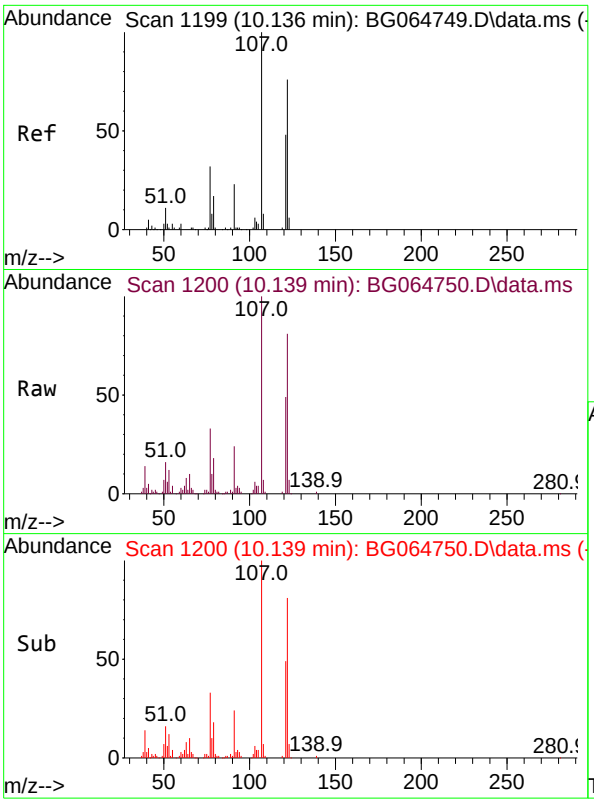



#26
2-Nitrophenol
Concen: 52.701 ng
RT: 10.086 min Scan# 1191
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:139 Resp: 62279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 42.6 | 32.5 | 48.7 |
| 65 | 65.9 | 47.6 | 71.4 |

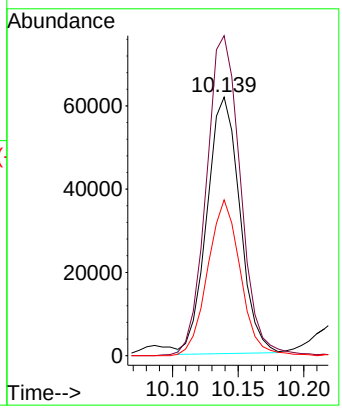





#27
2,4-Dimethylphenol
Concen: 51.169 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:122 Resp: 10742

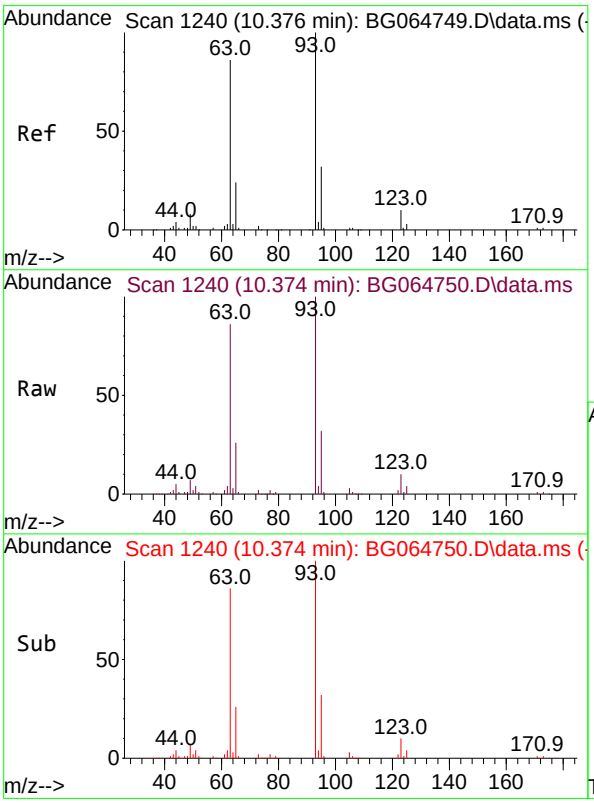
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 123.8 | 102.5 | 153.7 |
| 121 | 60.3 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

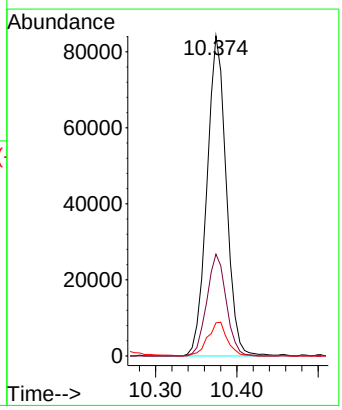
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

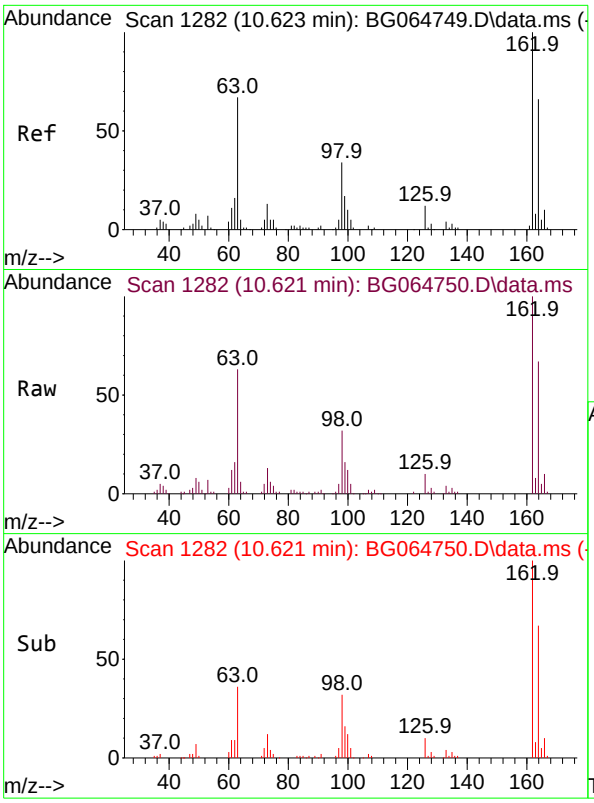



#28
bis(2-Chloroethoxy)methane
Concen: 51.040 ng
RT: 10.374 min Scan# 1240
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 93 Resp: 138748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.8 | 25.4 | 38.2 |
| 123 | 10.3 | 8.1 | 12.1 |

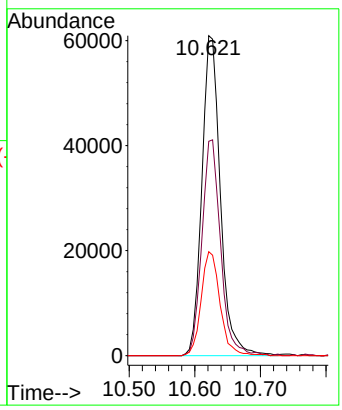





#29
2,4-Dichlorophenol
Concen: 52.879 ng
RT: 10.621 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:162 Resp: 11918

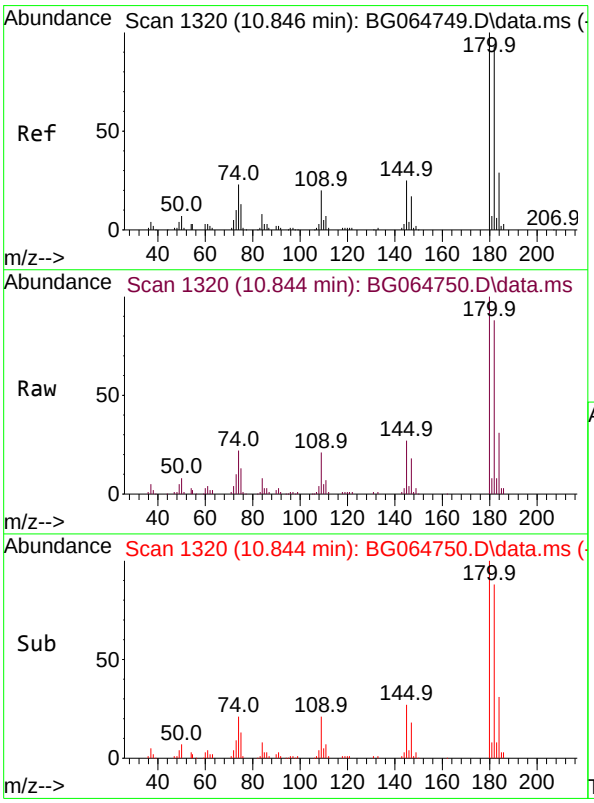
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.0 | 46.0 | 86.0 |
| 98 | 32.5 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

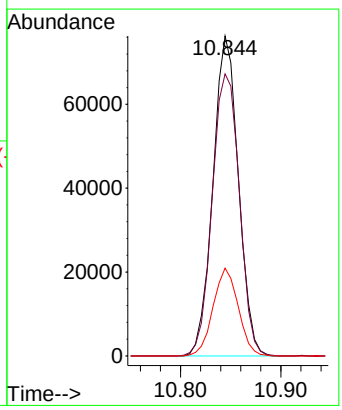
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

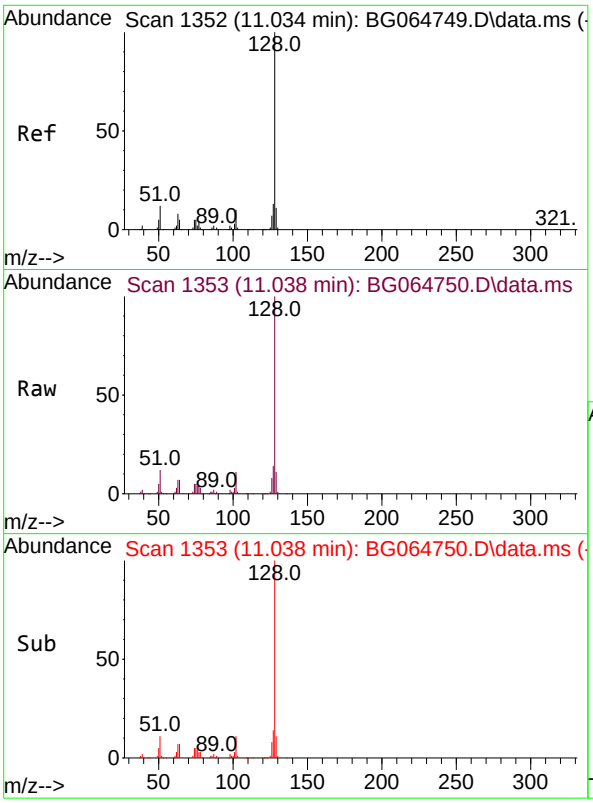



#30
1,2,4-Trichlorobenzene
Concen: 49.384 ng
RT: 10.844 min Scan# 1320
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:180 Resp: 134410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 88.1 | 74.2 | 111.4 |
| 145 | 27.4 | 20.0 | 30.0 |

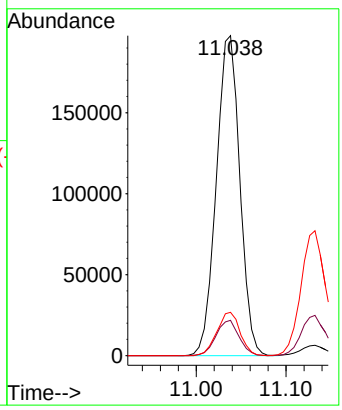





#31
Naphthalene
Concen: 49.504 ng
RT: 11.038 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:128 Resp: 360779

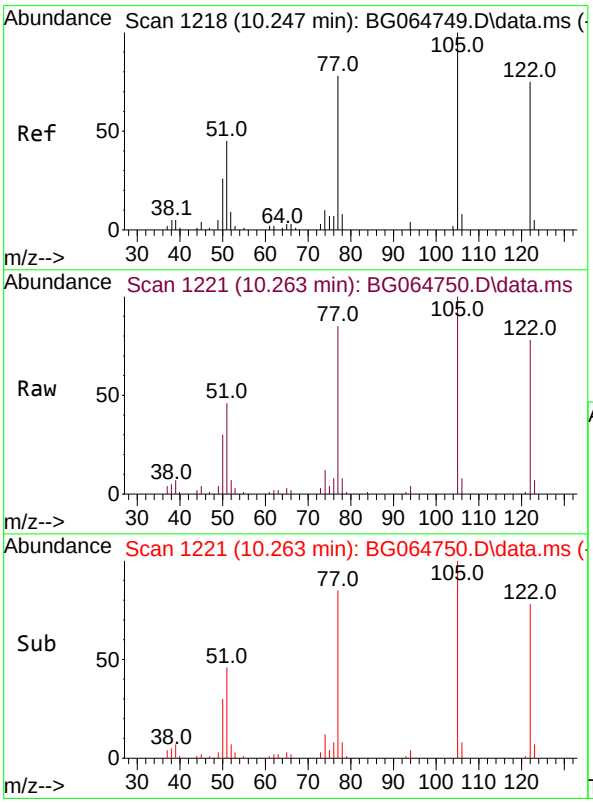
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.6 | 12.8 |
| 127 | 13.5 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

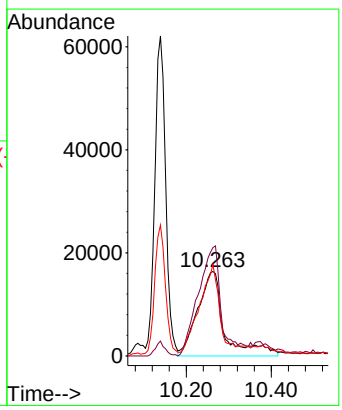
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

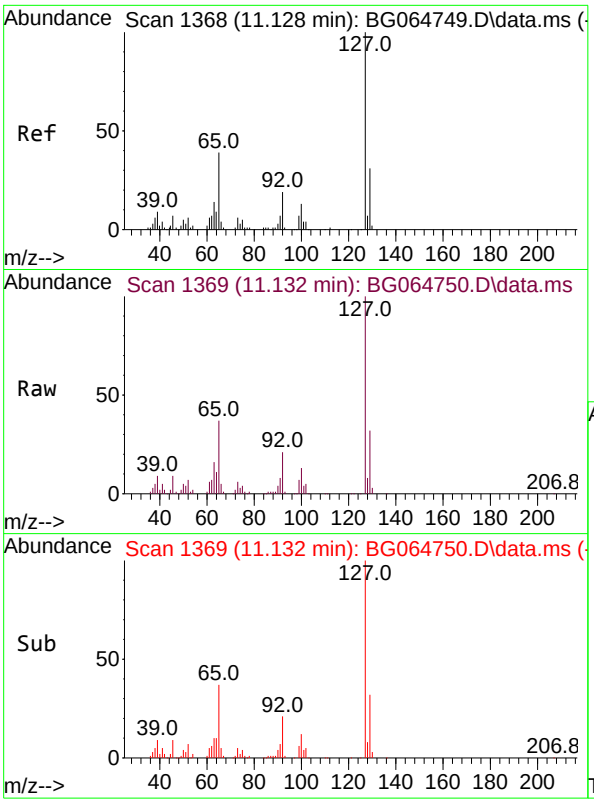



#32
Benzoic acid
Concen: 47.913 ng m
RT: 10.263 min Scan# 1221
Delta R.T. 0.016 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:122 Resp: 71126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 128.2 | 107.6 | 147.6 |
| 77 | 108.4 | 82.5 | 122.5 |

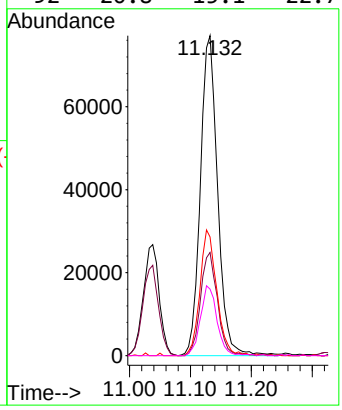





#33
4-Chloroaniline
Concen: 52.089 ng
RT: 11.132 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:127 Resp: 15185

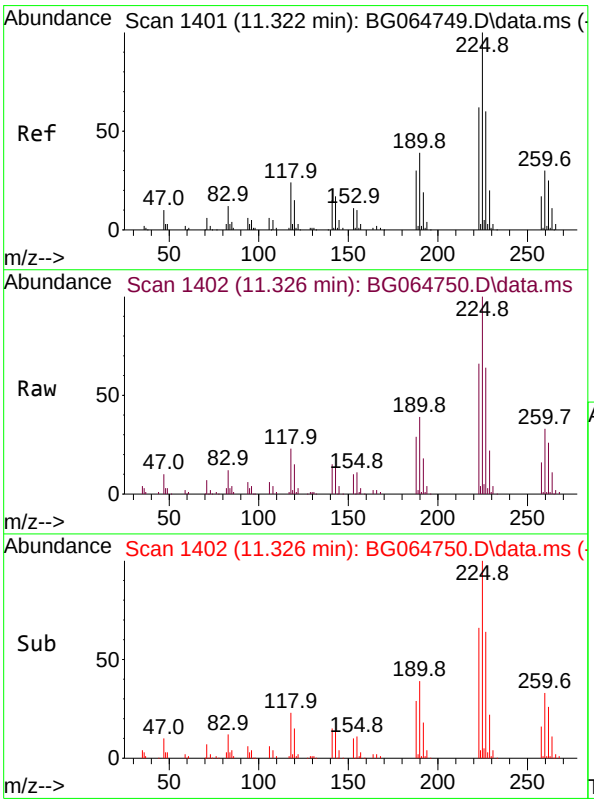
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 24.9 | 37.3 |
| 65 | 37.1 | 30.9 | 46.3 |
| 92 | 20.8 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

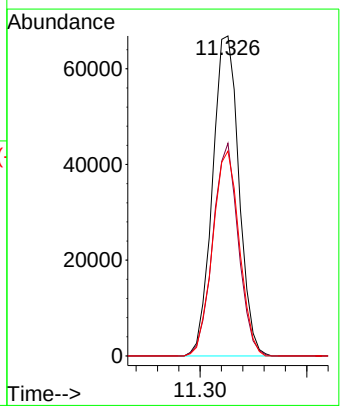
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

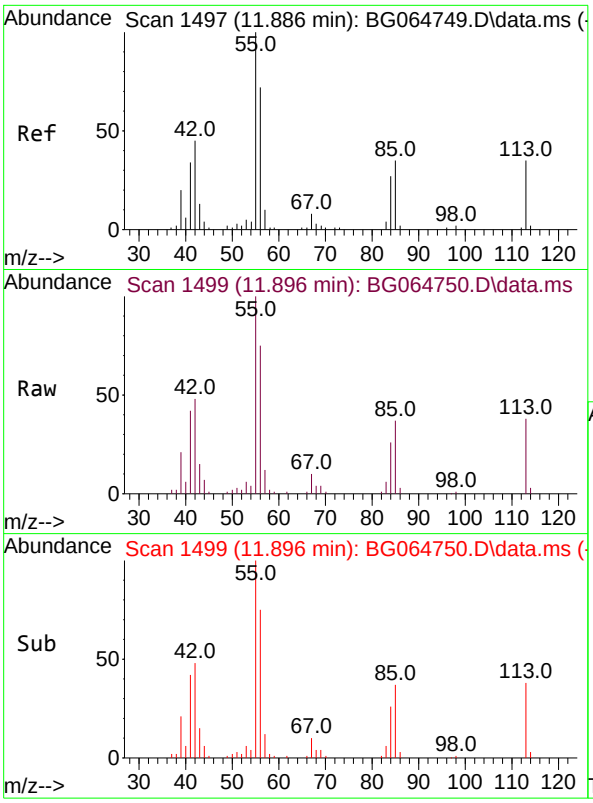



#34
Hexachlorobutadiene
Concen: 49.215 ng
RT: 11.326 min Scan# 1402
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:225 Resp: 114930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 67.1 | 49.9 | 74.9 |
| 227 | 63.9 | 50.6 | 75.8 |

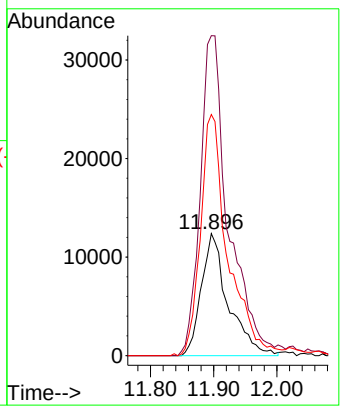





#35
Caprolactam
Concen: 54.473 ng
RT: 11.896 min Scan# 14
Delta R.T. 0.010 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:113 Resp: 3669

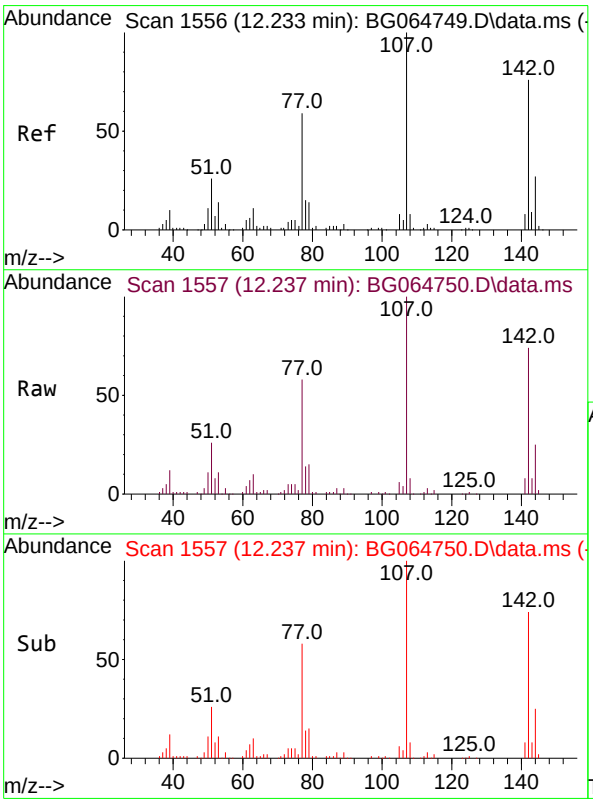
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 262.3 | 263.7 | 303.7# |
| 56 | 197.6 | 184.0 | 224.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

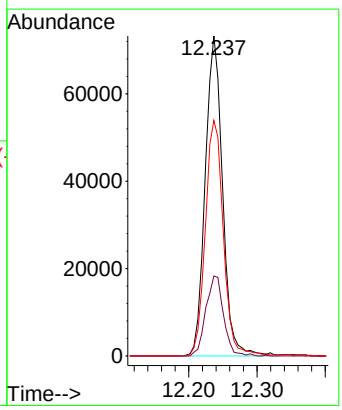
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

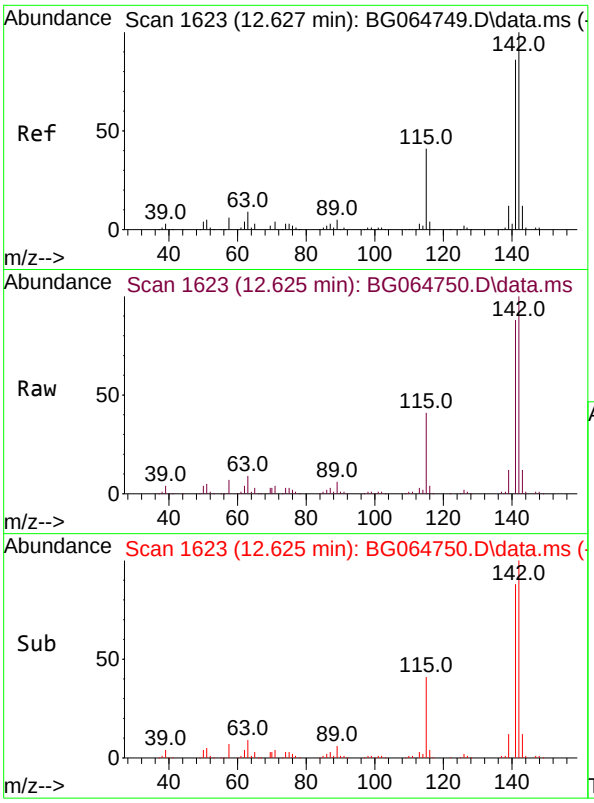



#36
4-Chloro-3-methylphenol
Concen: 51.523 ng
RT: 12.237 min Scan# 1557
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:107 Resp: 129260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.0 | 21.7 | 32.5 |
| 142 | 73.6 | 60.8 | 91.2 |

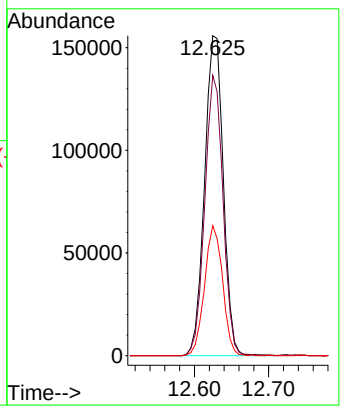





#37
2-Methylnaphthalene
Concen: 50.088 ng
RT: 12.625 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:142 Resp: 27316

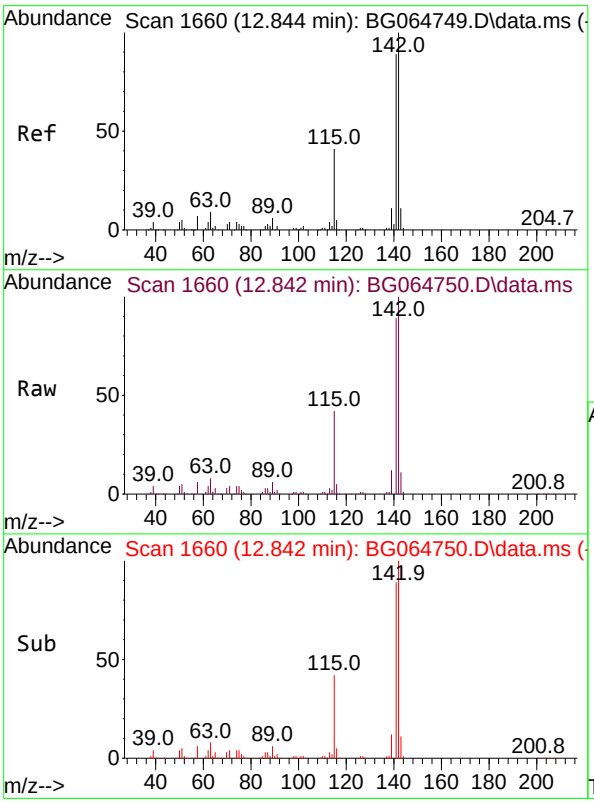
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 69.1 | 103.7 |
| 115 | 40.6 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

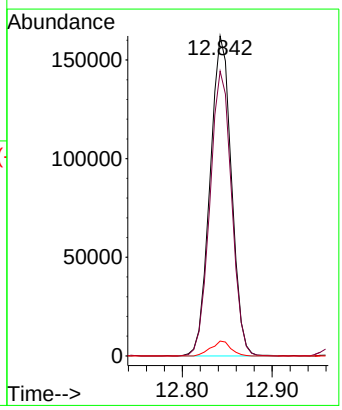
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

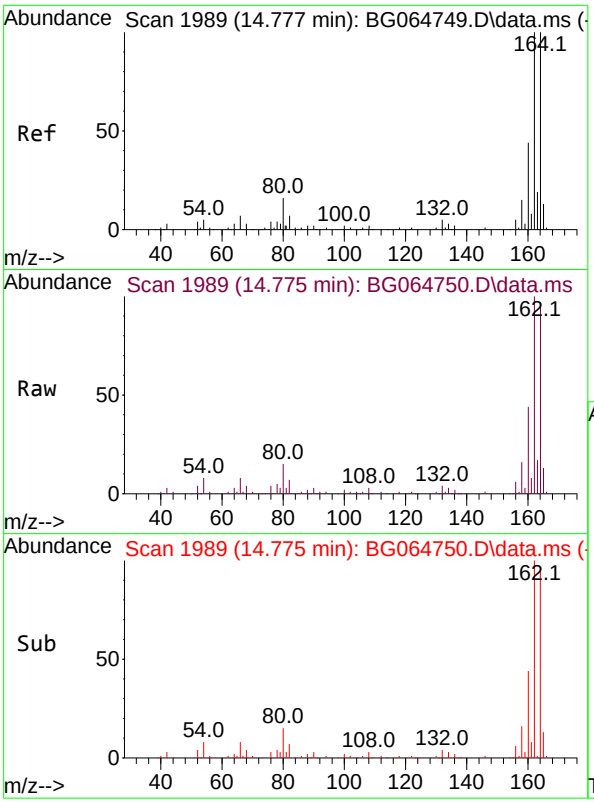



#38
1-Methylnaphthalene
Concen: 49.540 ng
RT: 12.842 min Scan# 1660
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:142 Resp: 268378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 70.8 | 106.2 |
| 116 | 4.7 | 3.7 | 5.5 |

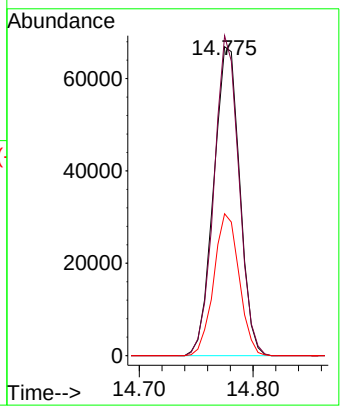





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 19
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:164 Resp: 10643

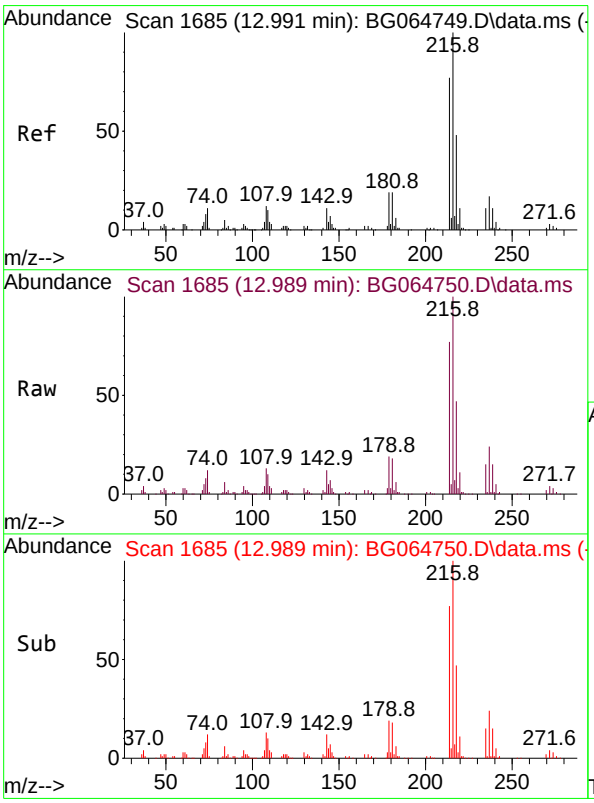
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 79.8 | 119.6 |
| 160 | 45.9 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

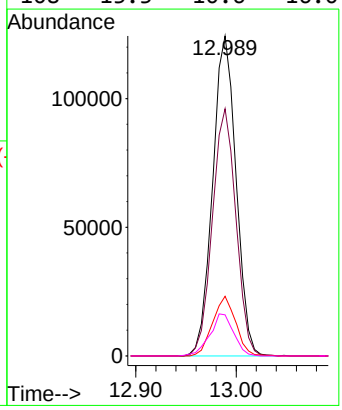
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

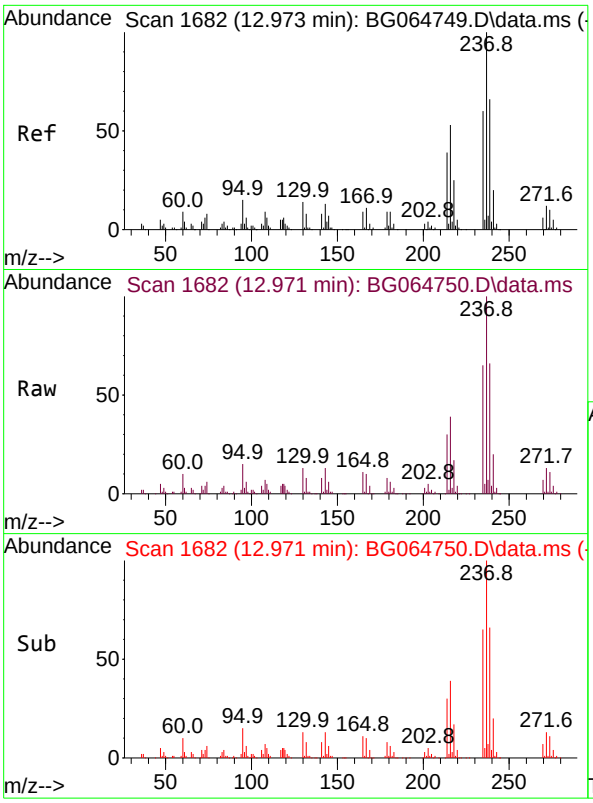



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.764 ng
RT: 12.989 min Scan# 1685
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:216 Resp: 201992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.5 | 60.5 | 90.7 |
| 179 | 18.3 | 14.7 | 22.1 |
| 108 | 13.3 | 10.6 | 16.0 |






#41
Hexachlorocyclopentadiene
Concen: 49.948 ng
RT: 12.971 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

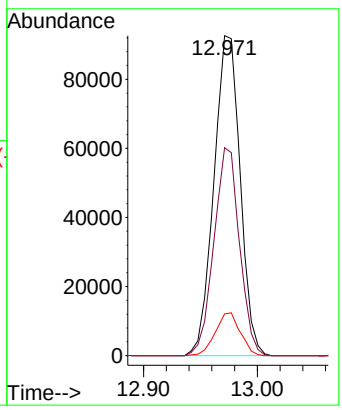
Tgt Ion:237 Resp: 14830

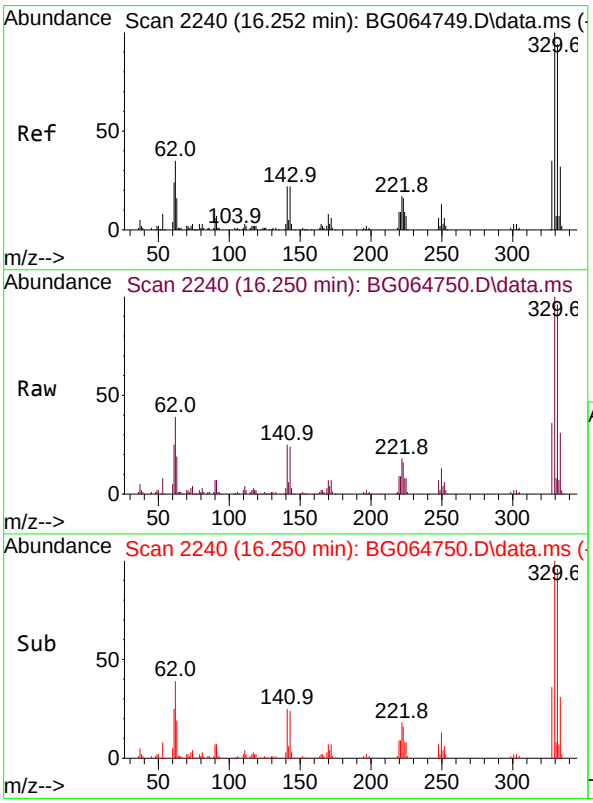
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.0 | 40.2 | 80.2 |
| 272 | 13.0 | 0.0 | 31.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

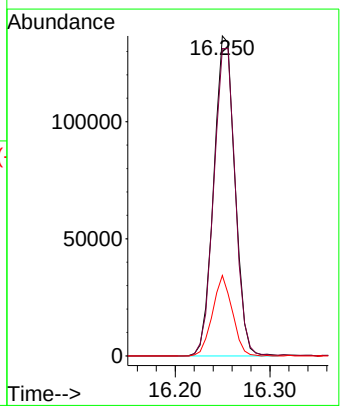


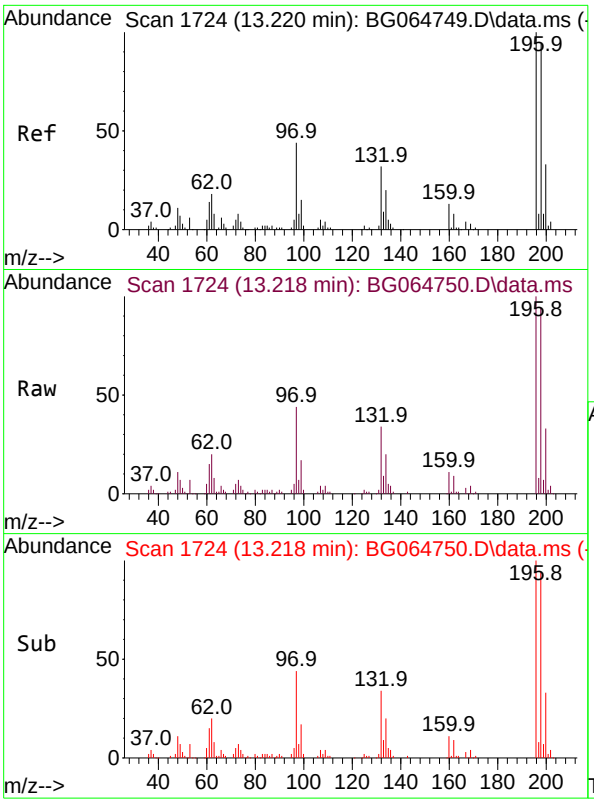




#42
2,4,6-Tribromophenol
Concen: 101.964 ng
RT: 16.250 min Scan# 2240
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:330 Resp: 211663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.0 | 115.6 |
| 141 | 23.5 | 18.2 | 27.2 |

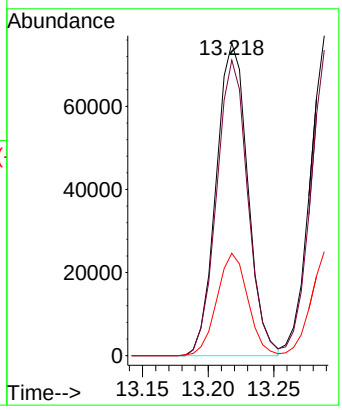





#43
2,4,6-Trichlorophenol
Concen: 51.912 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:196 Resp: 12620

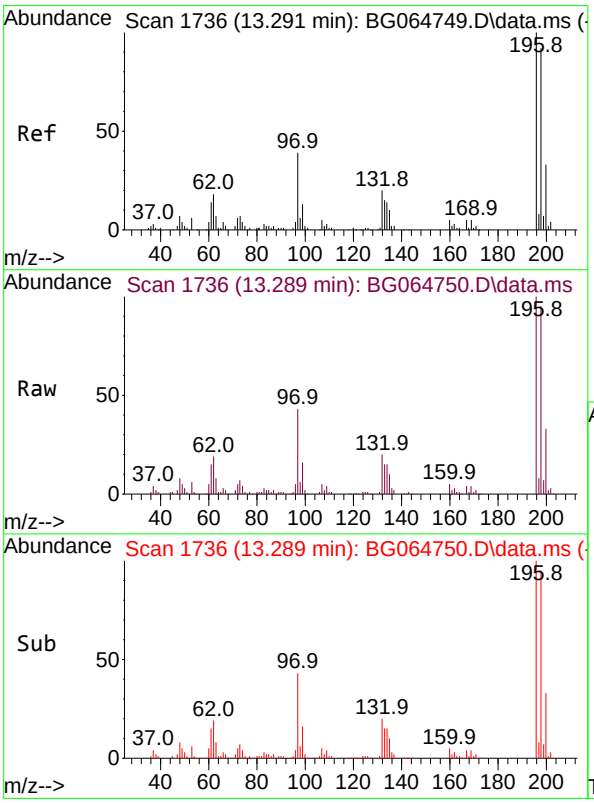
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 75.3 | 112.9 |
| 200 | 32.7 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

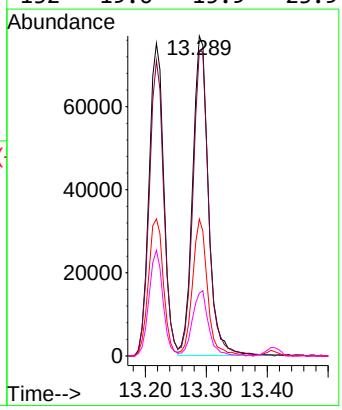
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

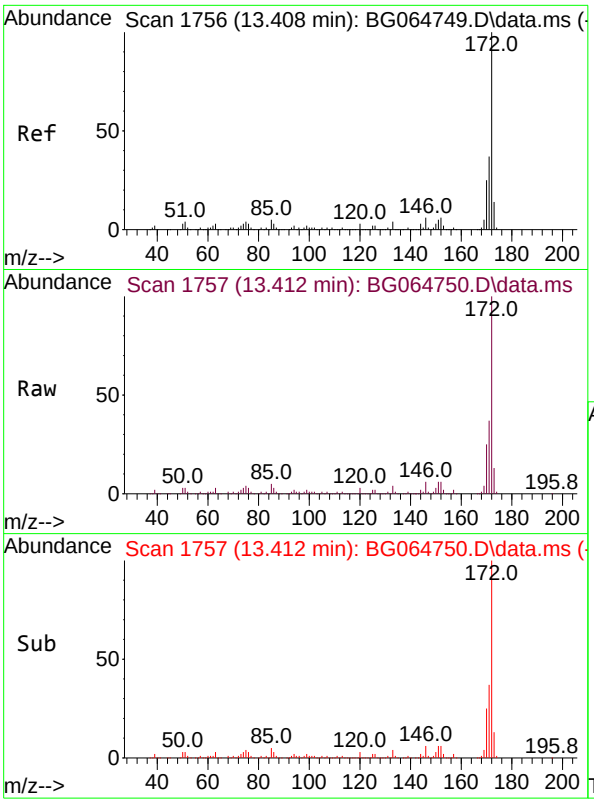



#44
2,4,5-Trichlorophenol
Concen: 50.724 ng
RT: 13.289 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:196 Resp: 138309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.5 | 73.2 | 109.8 |
| 97 | 42.7 | 31.4 | 47.0 |
| 132 | 19.6 | 15.9 | 23.9 |

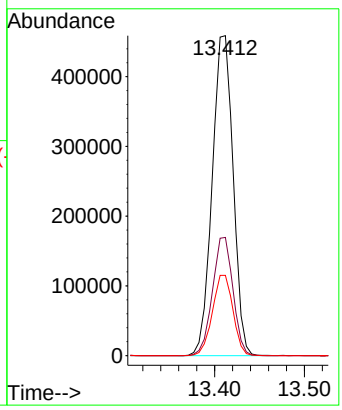





#45
2-Fluorobiphenyl
Concen: 97.652 ng
RT: 13.412 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:172 Resp: 74490

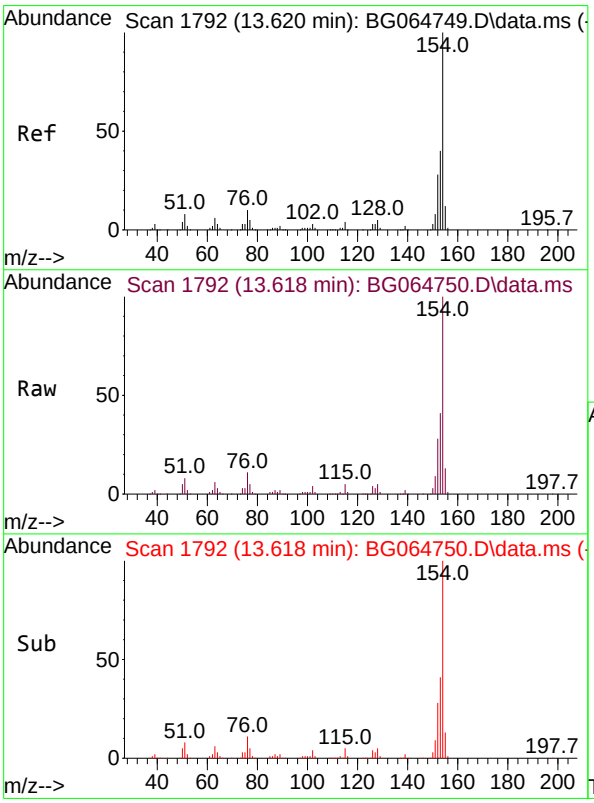
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 29.9 | 44.9 |
| 170 | 25.1 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

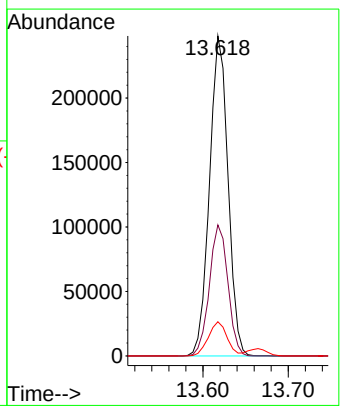
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

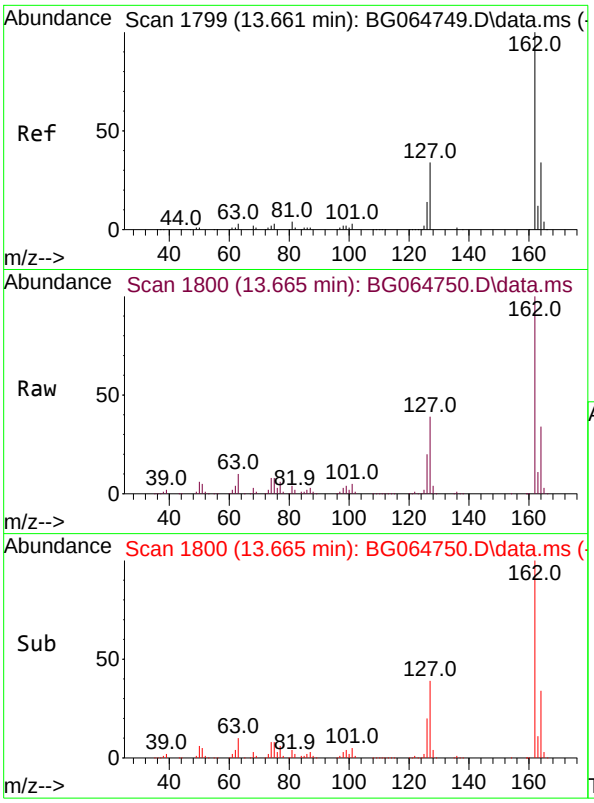



#46
1,1'-Biphenyl
Concen: 48.911 ng
RT: 13.618 min Scan# 1792
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:154 Resp: 373911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.9 | 19.8 | 59.8 |
| 76 | 10.7 | 0.0 | 30.0 |

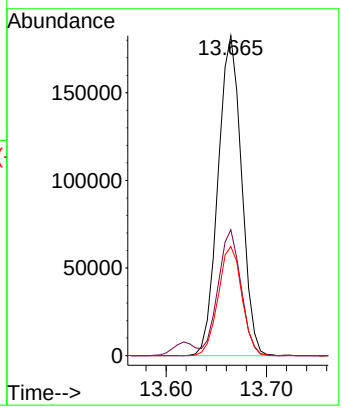





#47
2-Chloronaphthalene
Concen: 49.307 ng
RT: 13.665 min Scan# 18
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:162 Resp: 29696

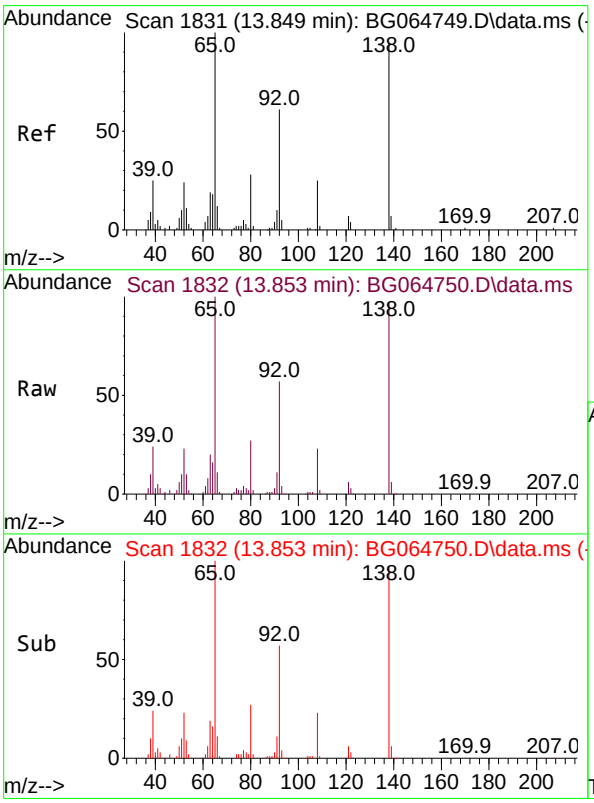
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.3 | 30.3 | 45.5 |
| 164 | 34.1 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

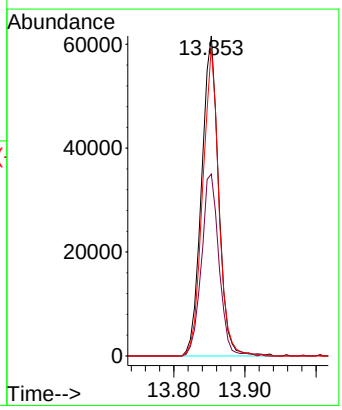
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

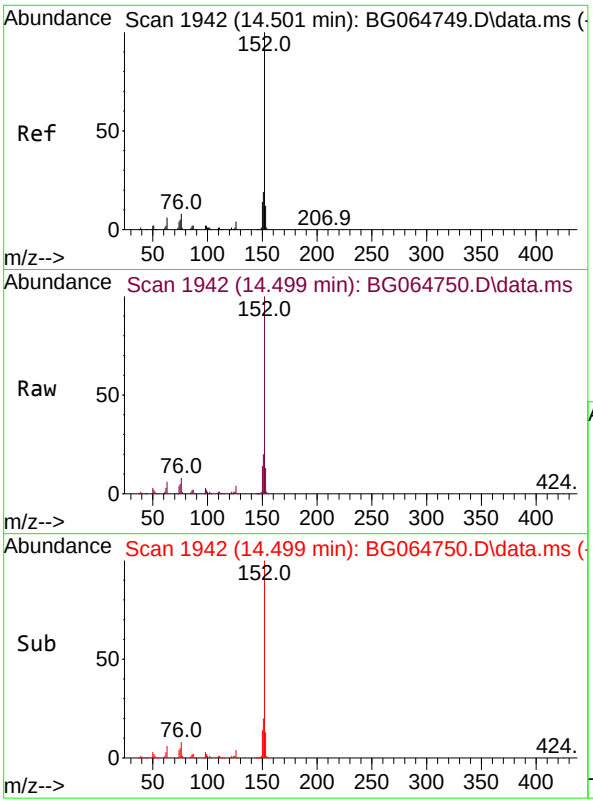



#48
2-Nitroaniline
Concen: 52.606 ng
RT: 13.853 min Scan# 1832
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 65 Resp: 101905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 56.8 | 48.6 | 73.0 |
| 138 | 96.7 | 76.4 | 114.6 |

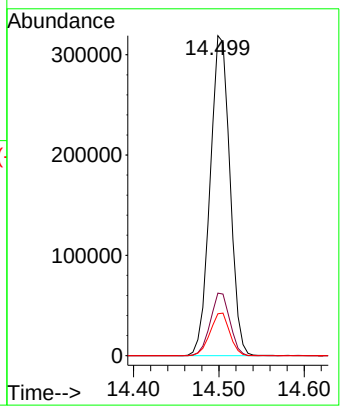





#49
Acenaphthylene
Concen: 49.951 ng
RT: 14.499 min Scan# 19
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:152 Resp: 51396

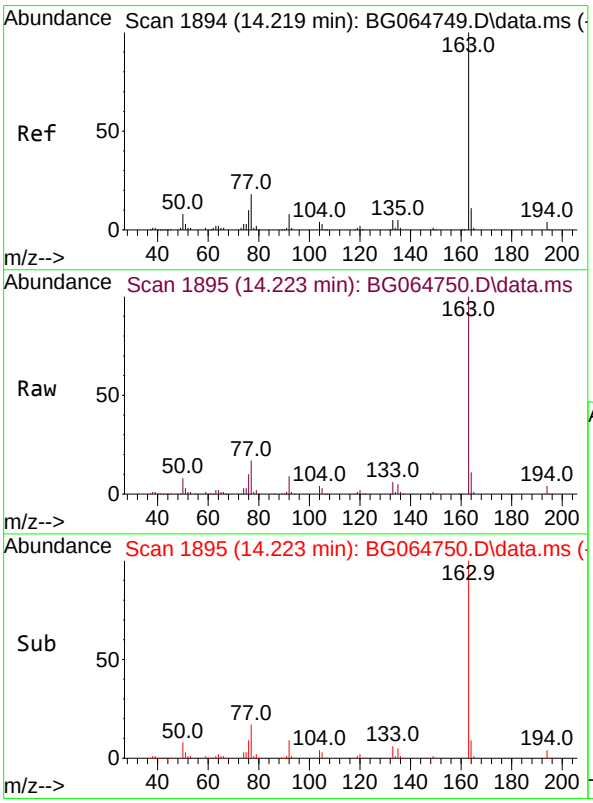
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.0 | 22.4 |
| 153 | 13.1 | 9.9 | 14.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

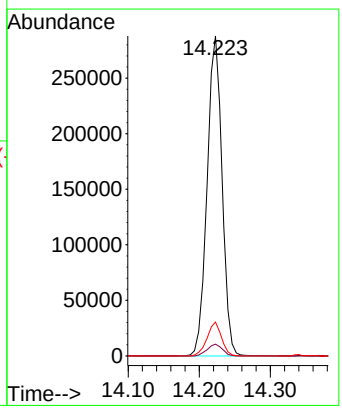
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

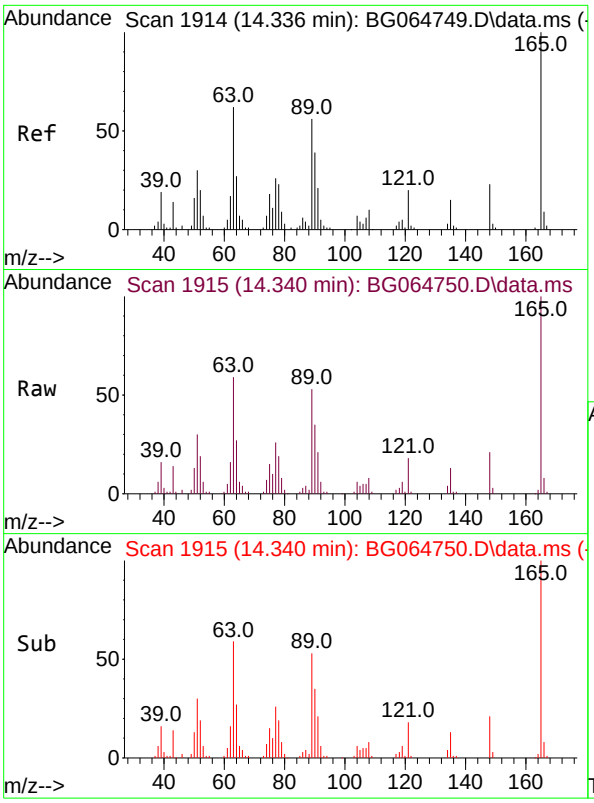



#50
Dimethylphthalate
Concen: 50.001 ng
RT: 14.223 min Scan# 1895
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:163 Resp: 420404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.1 | 4.7 |
| 164 | 10.6 | 8.6 | 12.8 |

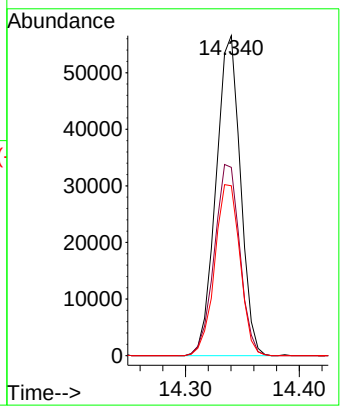





#51
2,6-Dinitrotoluene
Concen: 52.071 ng
RT: 14.340 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:165 Resp: 8424

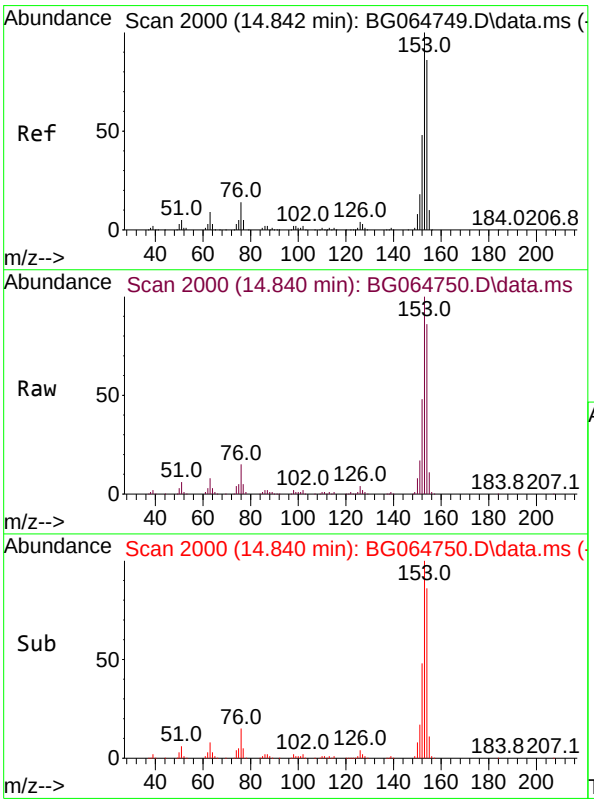
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 58.8 | 49.8 | 74.8 |
| 89 | 53.1 | 45.0 | 67.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

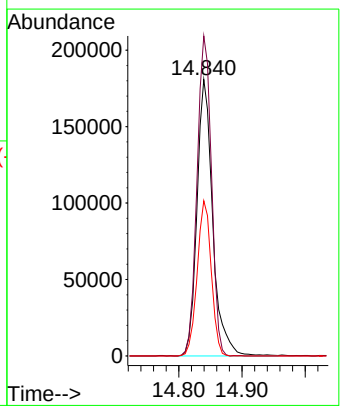
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

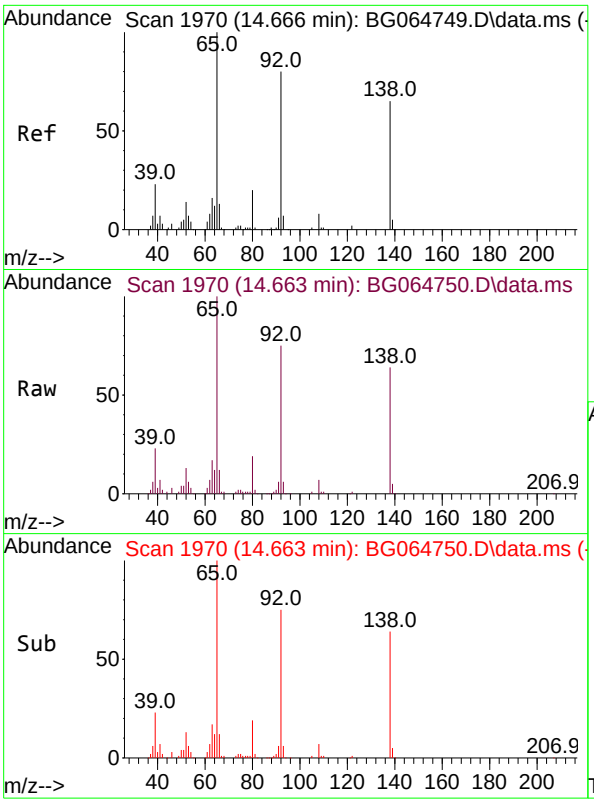



#52
Acenaphthene
Concen: 50.780 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:154 Resp: 313277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.8 | 93.0 | 139.4 |
| 152 | 56.1 | 44.4 | 66.6 |






#53
3-Nitroaniline
Concen: 53.331 ng
RT: 14.663 min Scan# 19
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

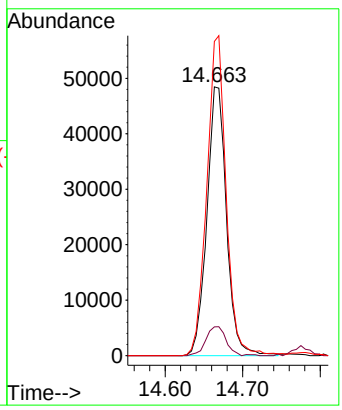
Tgt Ion:138 Resp: 85159

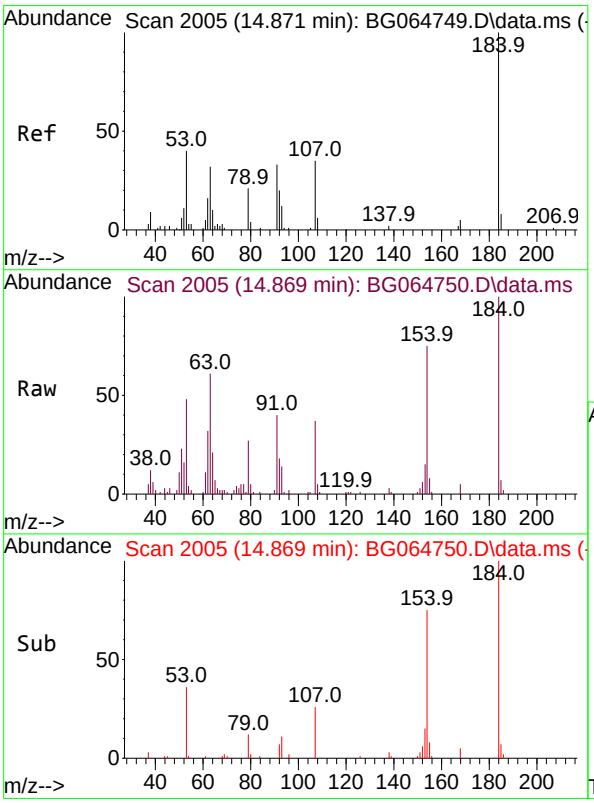
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 9.5 | 14.3 |
| 92 | 116.9 | 99.0 | 148.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

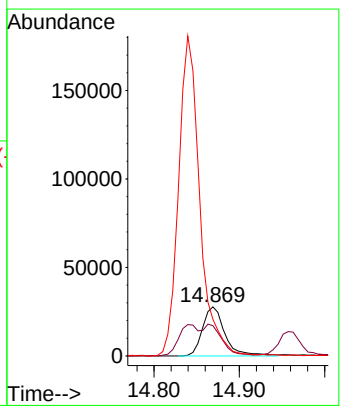


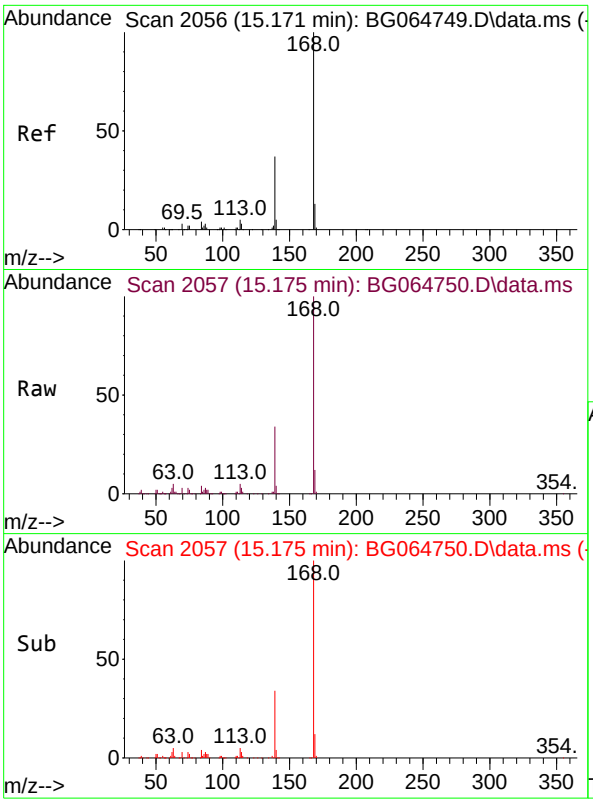




#54
2,4-Dinitrophenol
Concen: 48.998 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:184 Resp: 50173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 61.3 | 45.8 | 68.6 |
| 154 | 74.7 | 52.6 | 78.8 |

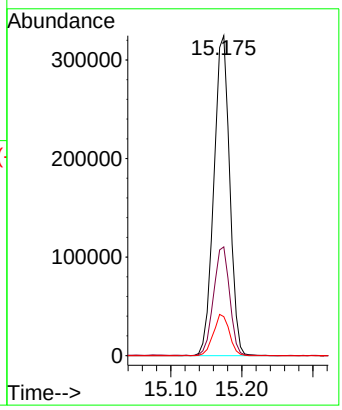





#55
Dibenzofuran
Concen: 49.360 ng
RT: 15.175 min Scan# 20
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:168 Resp: 503441

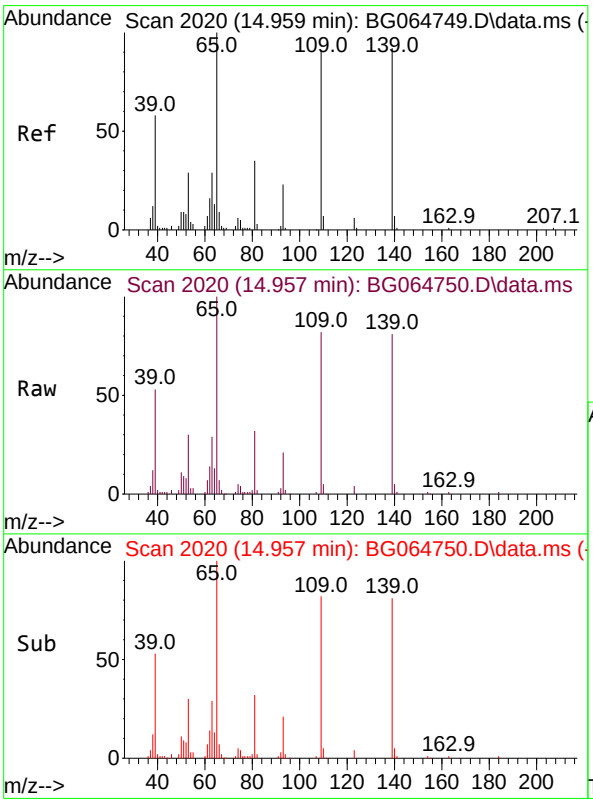
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.0 | 29.5 | 44.3 |
| 169 | 12.2 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

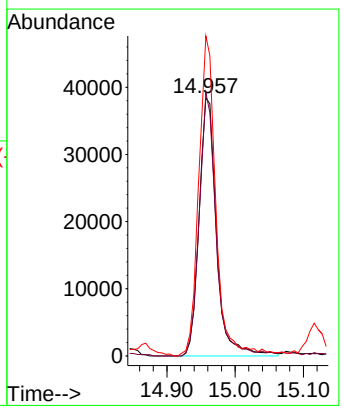
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

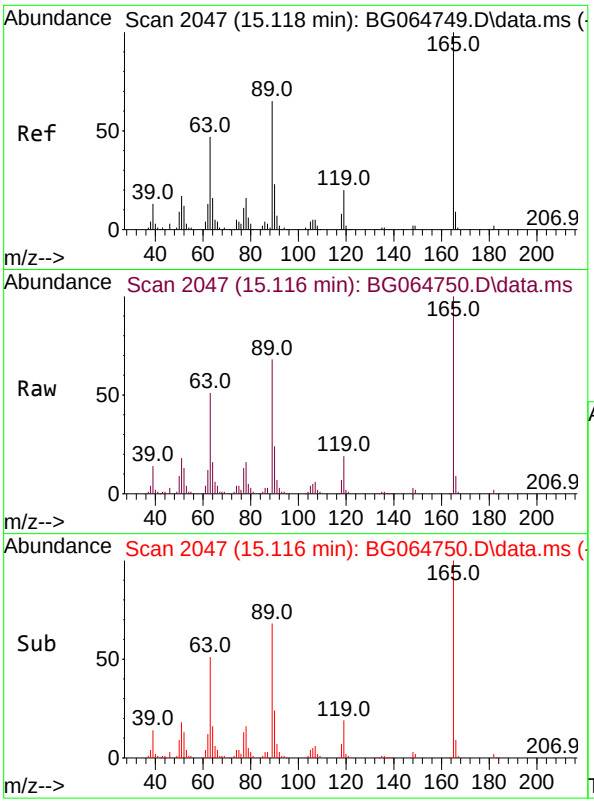



#56
4-Nitrophenol
Concen: 53.900 ng
RT: 14.957 min Scan# 2020
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:139 Resp: 68287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 101.9 | 79.7 | 119.7 |
| 65 | 124.1 | 89.9 | 129.9 |

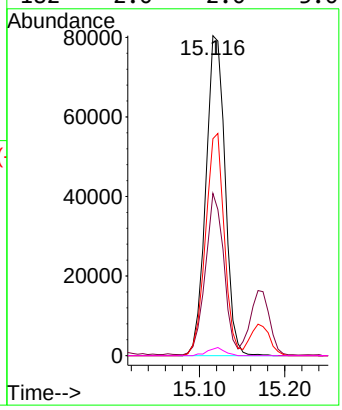





#57
2,4-Dinitrotoluene
Concen: 51.779 ng
RT: 15.116 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:165 Resp: 12559

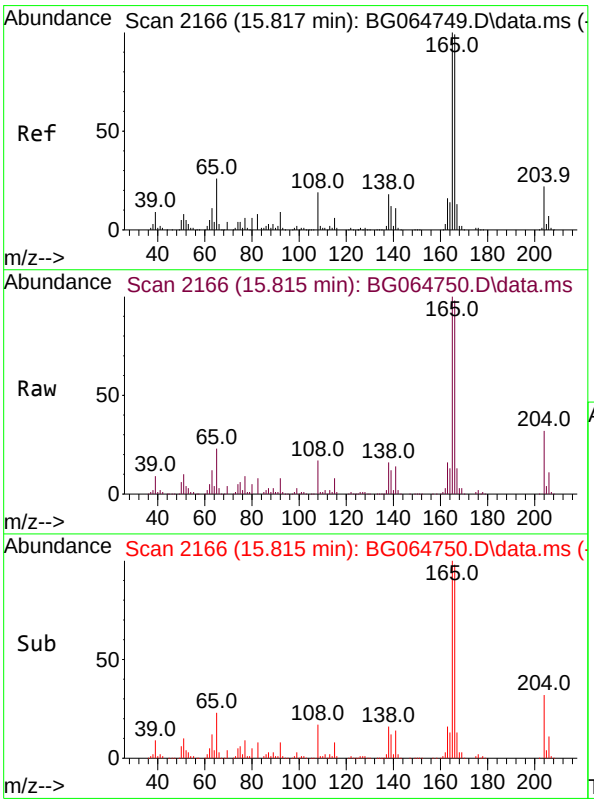
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.7 | 37.8 | 56.6 |
| 89 | 67.8 | 51.6 | 77.4 |
| 182 | 2.0 | 2.0 | 3.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

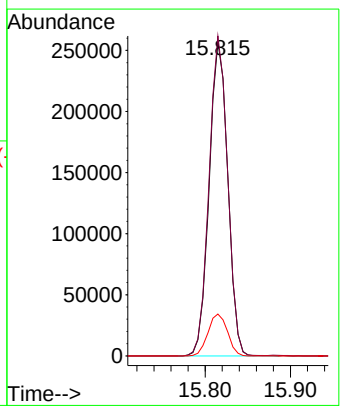
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

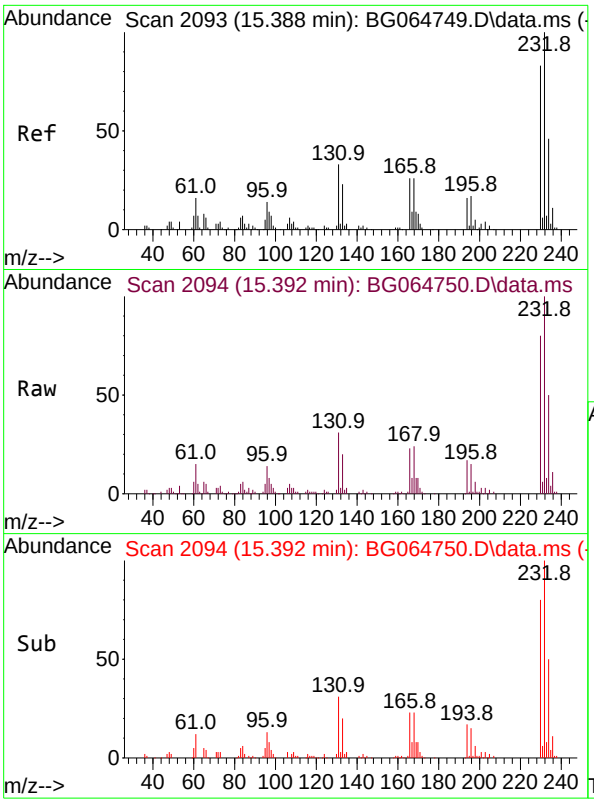



#58
Fluorene
Concen: 48.627 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:166 Resp: 388983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.9 | 80.5 | 120.7 |
| 167 | 13.3 | 10.3 | 15.5 |

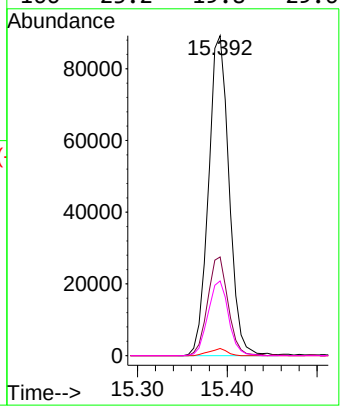





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.053 ng
RT: 15.392 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:232 Resp: 14272

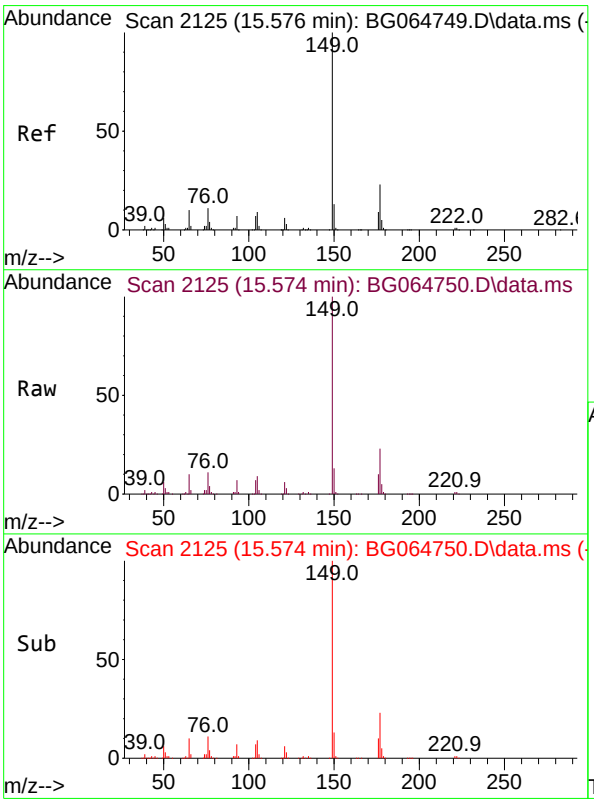
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 30.5 | 26.0 | 39.0 |
| 130 | 1.9 | 1.6 | 2.4 |
| 166 | 23.2 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

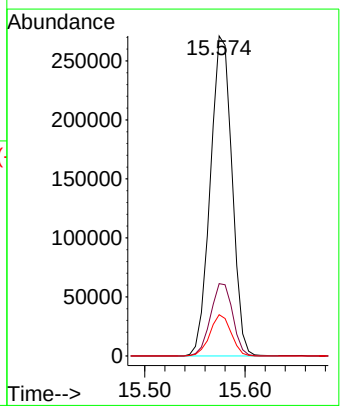
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

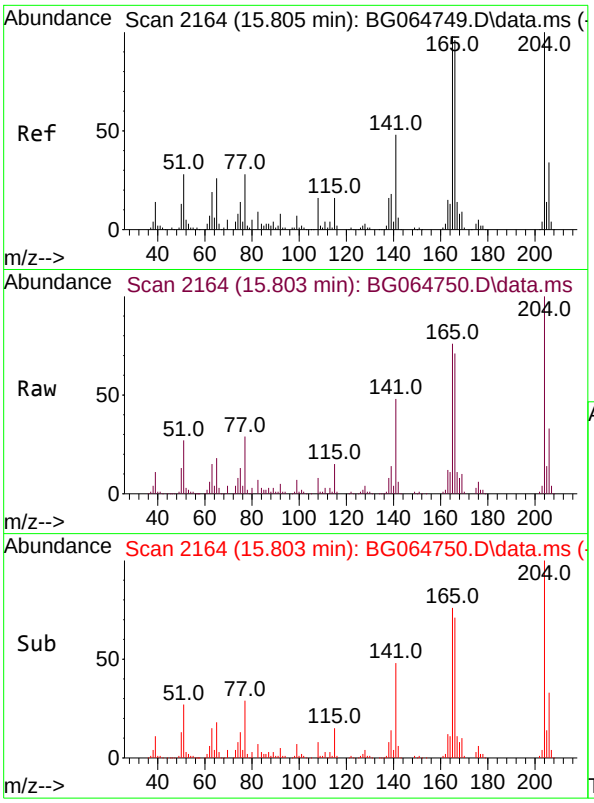



#60
Diethylphthalate
Concen: 50.617 ng
RT: 15.574 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:149 Resp: 407694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 18.4 | 27.6 |
| 150 | 12.9 | 10.1 | 15.1 |

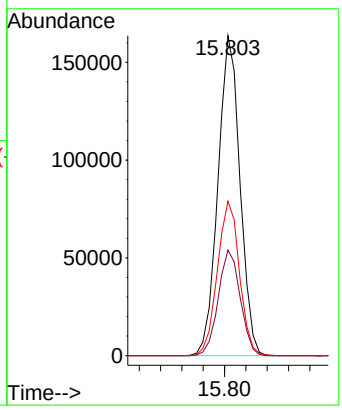





#61
4-Chlorophenyl-phenylether
Concen: 48.897 ng
RT: 15.803 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:204 Resp: 234746

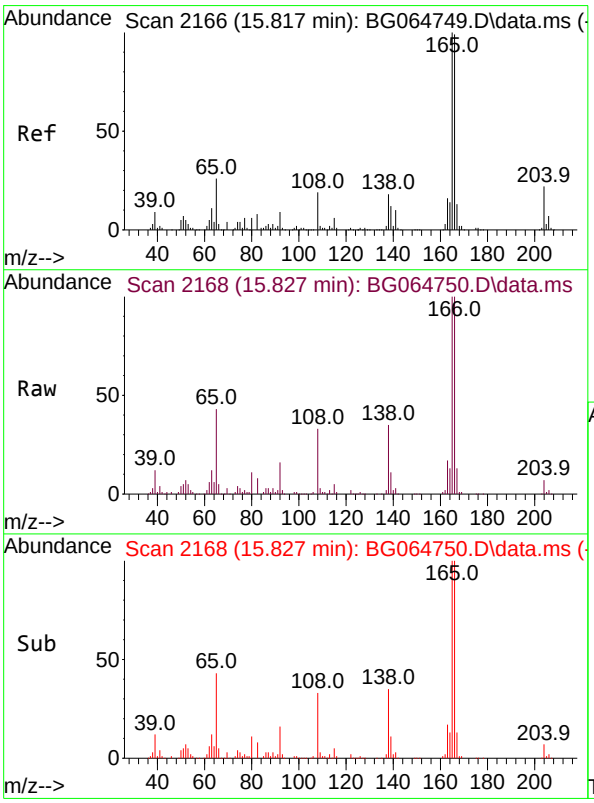
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.9 | 40.3 |
| 141 | 48.2 | 38.1 | 57.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

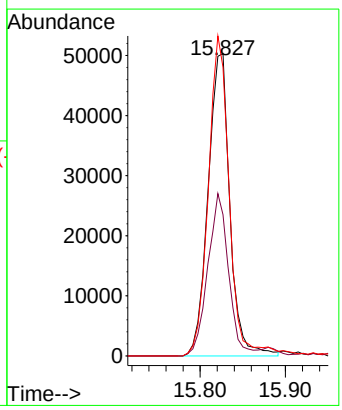
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

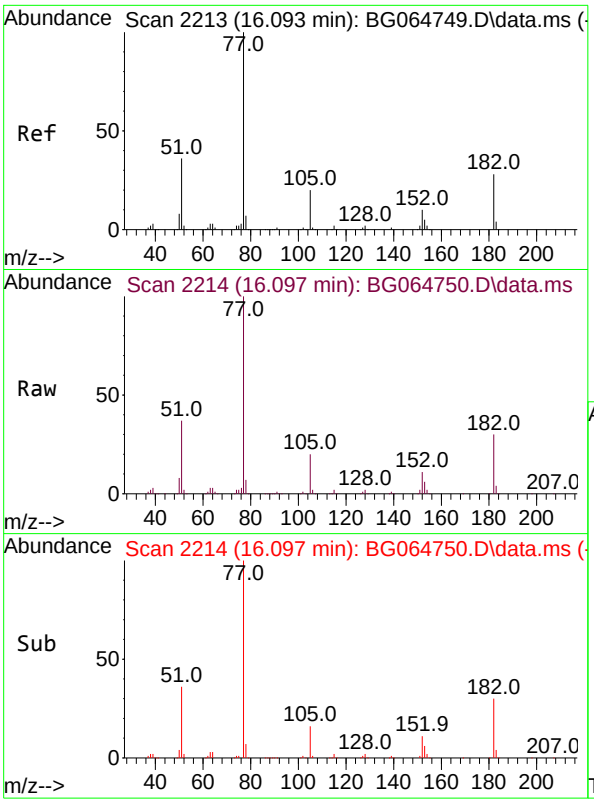



#62
4-Nitroaniline
Concen: 53.925 ng
RT: 15.827 min Scan# 2168
Delta R.T. 0.010 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:138 Resp: 89205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.7 | 30.7 | 70.7 |
| 108 | 95.4 | 85.7 | 125.7 |

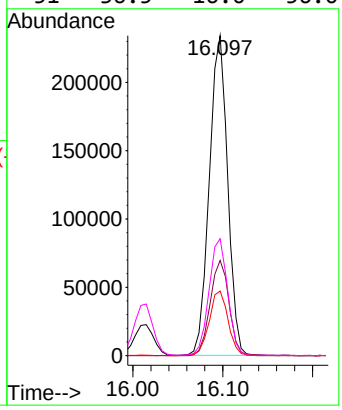





#63
Azobenzene
Concen: 49.648 ng
RT: 16.097 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 77 Resp: 33260

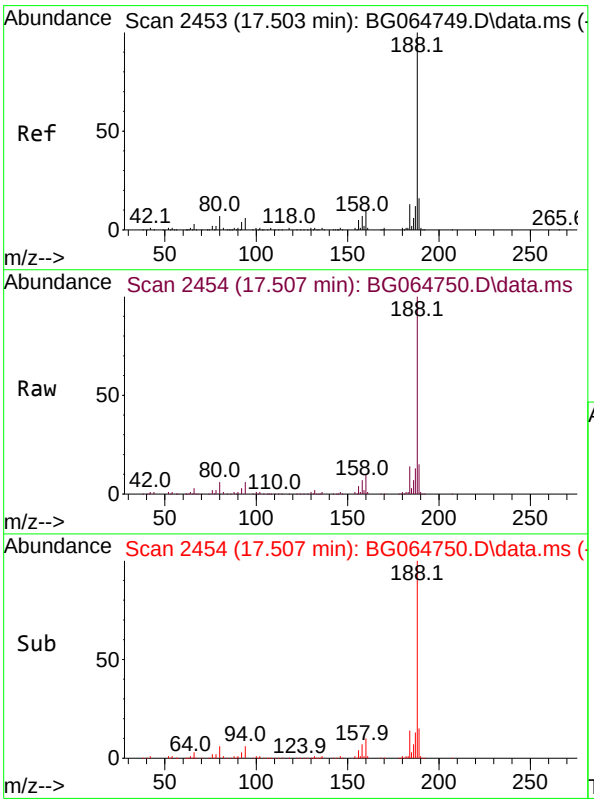
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.7 | 8.1 | 48.1 |
| 105 | 20.2 | 0.1 | 40.1 |
| 51 | 36.5 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

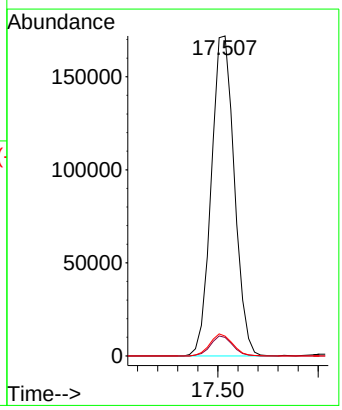
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

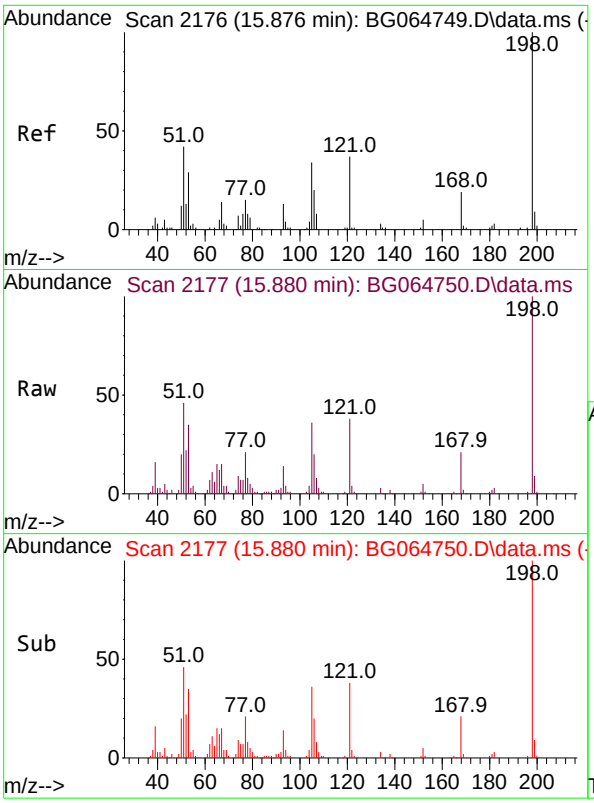



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:188 Resp: 274480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.8 | 4.7 | 7.1 |
| 80 | 6.2 | 5.4 | 8.2 |

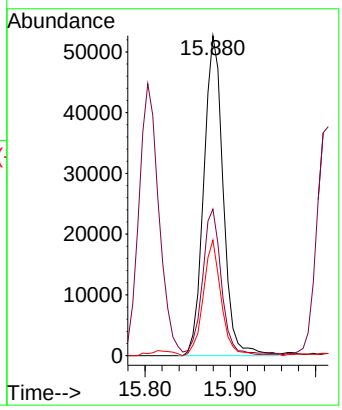





#65
4,6-Dinitro-2-methylphenol
Concen: 54.533 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:198 Resp: 8310

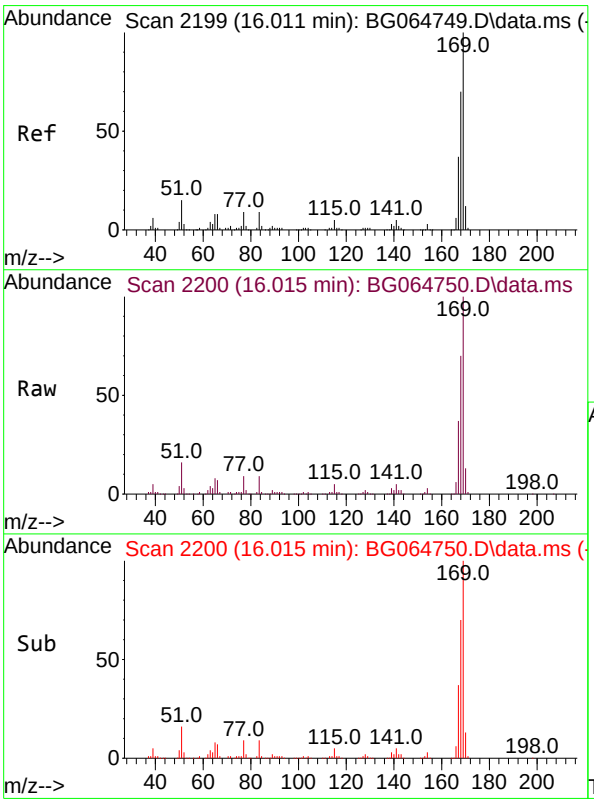
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.8 | 25.2 | 65.2 |
| 105 | 36.1 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

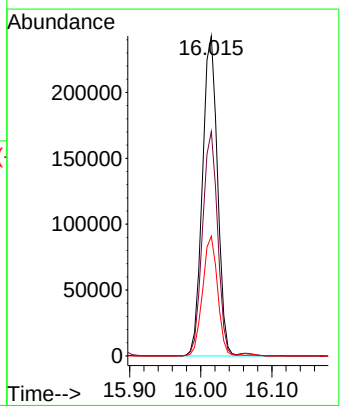
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

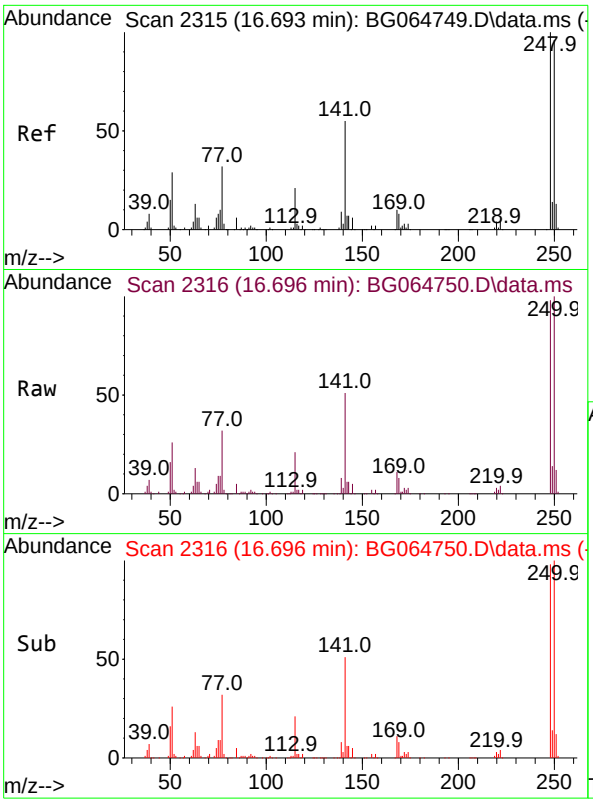



#66
n-Nitrosodiphenylamine
Concen: 49.560 ng
RT: 16.015 min Scan# 2200
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:169 Resp: 356316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.1 | 55.9 | 83.9 |
| 167 | 37.4 | 29.8 | 44.6 |

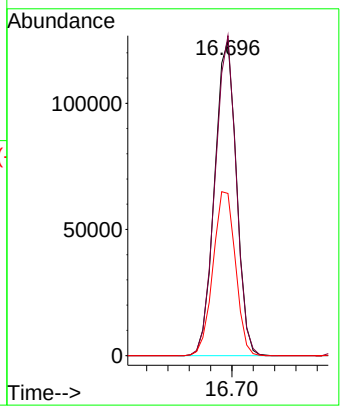





#67
4-Bromophenyl-phenylether
Concen: 49.273 ng
RT: 16.696 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:248 Resp: 17760

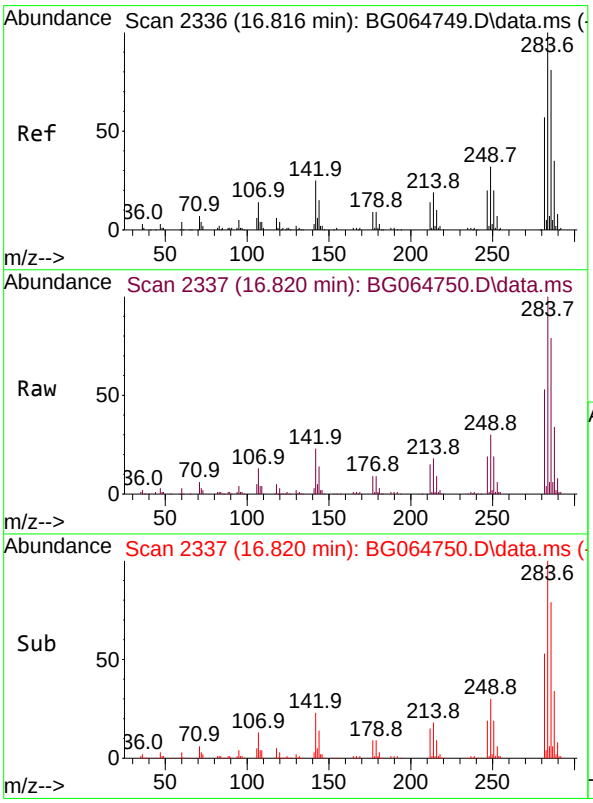
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.5 | 77.0 | 115.6 |
| 141 | 51.5 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

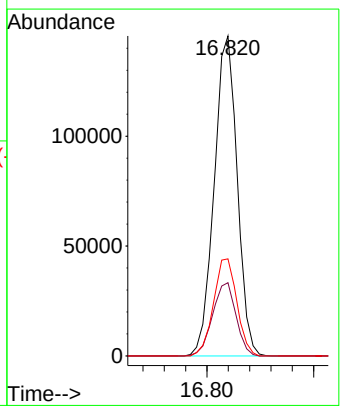
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

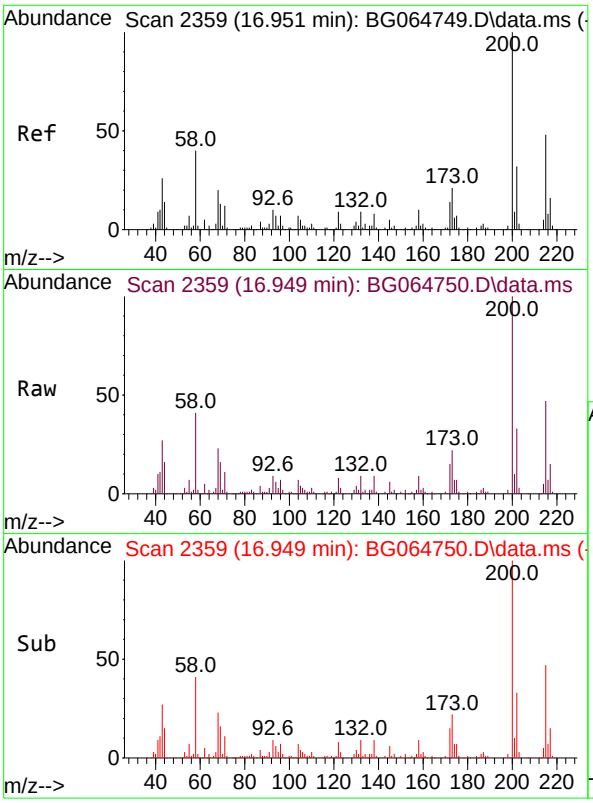



#68
Hexachlorobenzene
Concen: 49.952 ng
RT: 16.820 min Scan# 2337
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:284 Resp: 218143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.9 | 19.7 | 29.5 |
| 249 | 32.0 | 28.1 | 42.1 |

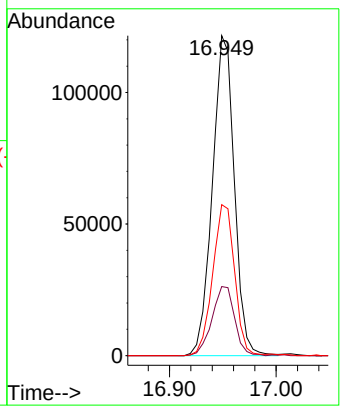





#69
Atrazine
Concen: 50.190 ng
RT: 16.949 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:200 Resp: 17397

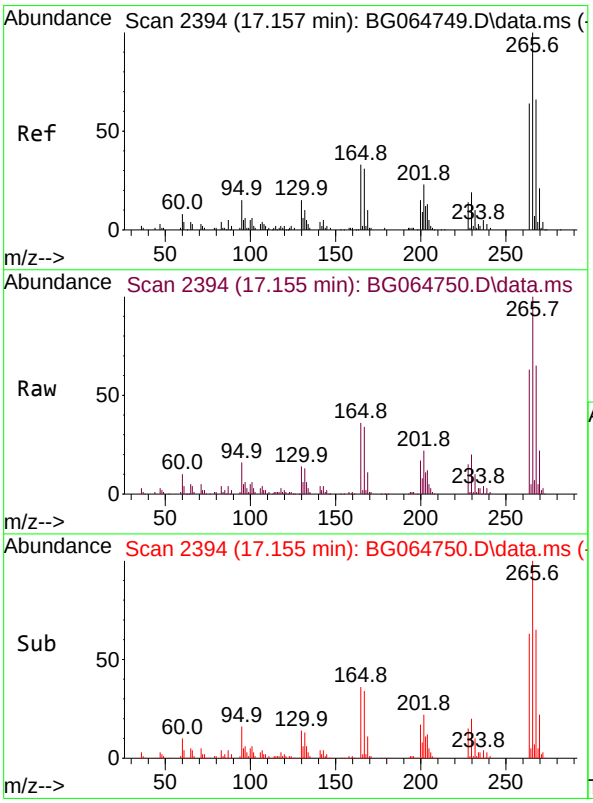
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.6 | 0.9 | 40.9 |
| 215 | 47.2 | 27.5 | 67.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

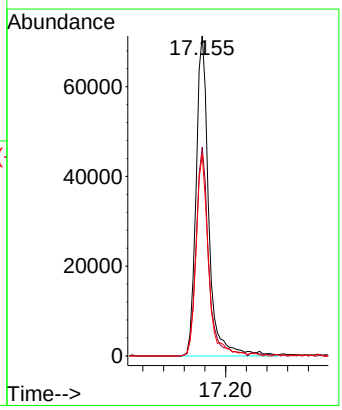
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

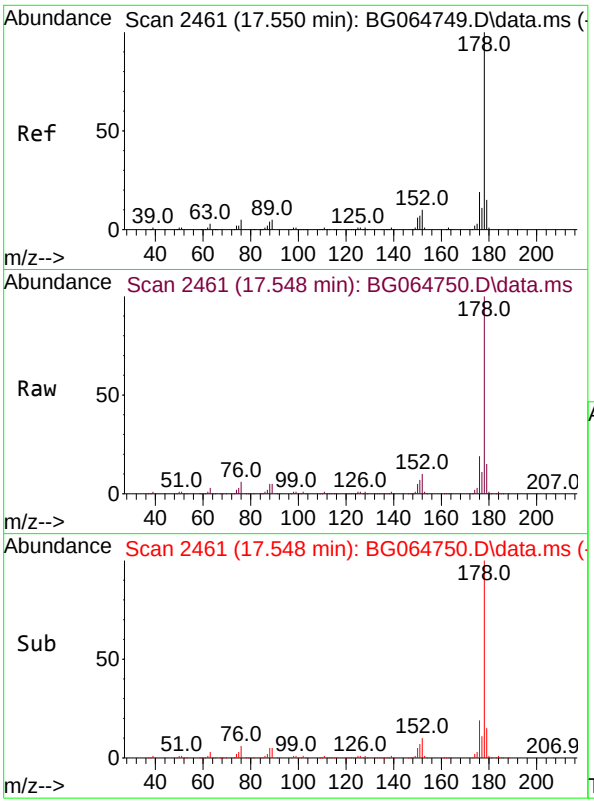



#70
Pentachlorophenol
Concen: 49.449 ng
RT: 17.155 min Scan# 2394
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:266 Resp: 121224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.2 | 56.1 | 84.1 |
| 264 | 68.3 | 51.2 | 76.8 |

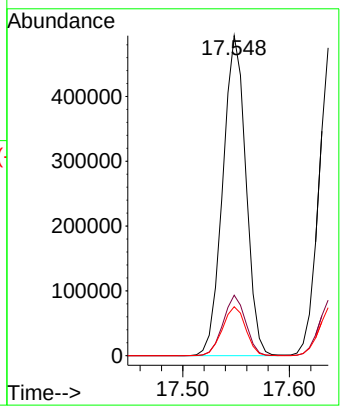





#71
Phenanthrene
Concen: 49.373 ng
RT: 17.548 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:178 Resp: 74147

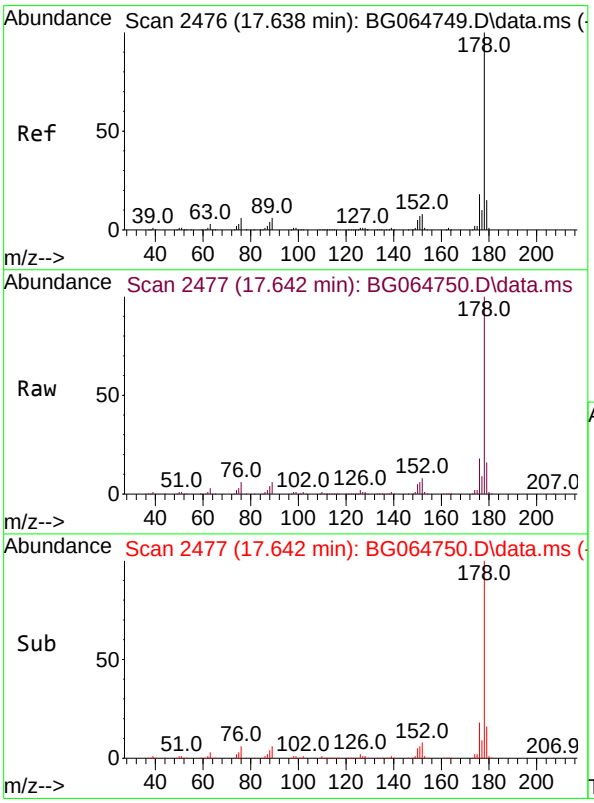
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 14.8 | 22.2 |
| 179 | 15.3 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

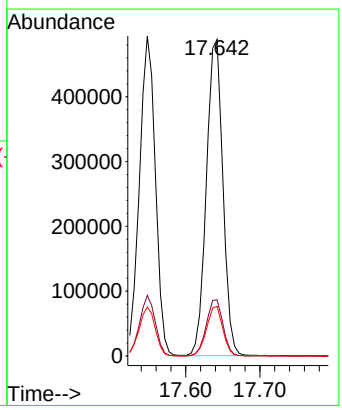
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

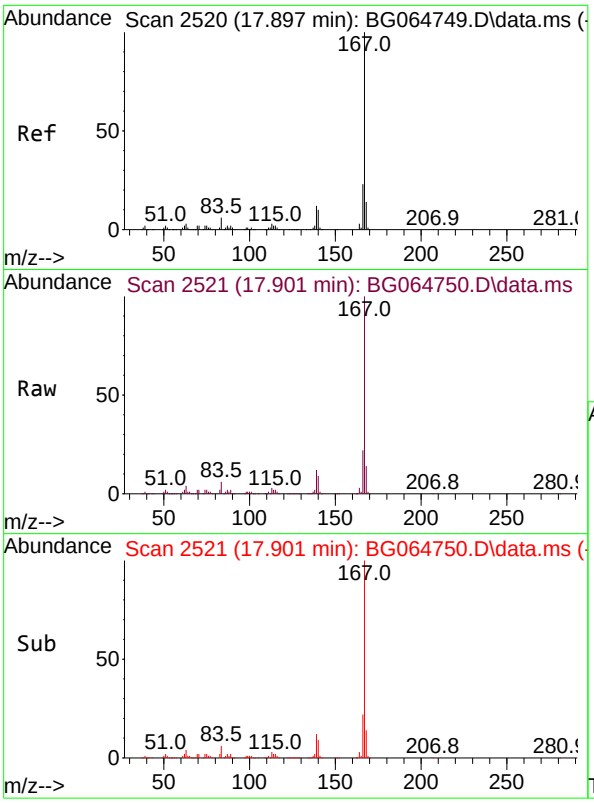



#72
Anthracene
Concen: 49.256 ng
RT: 17.642 min Scan# 2477
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:178 Resp: 754273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.7 | 14.5 | 21.7 |
| 179 | 15.7 | 12.2 | 18.4 |

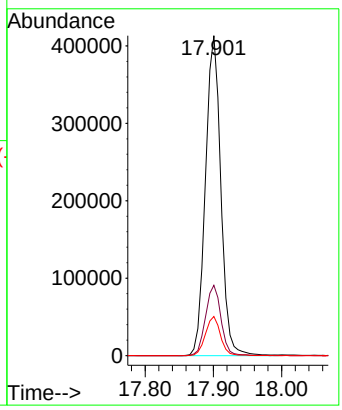





#73
Carbazole
Concen: 49.183 ng
RT: 17.901 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:167 Resp: 64745

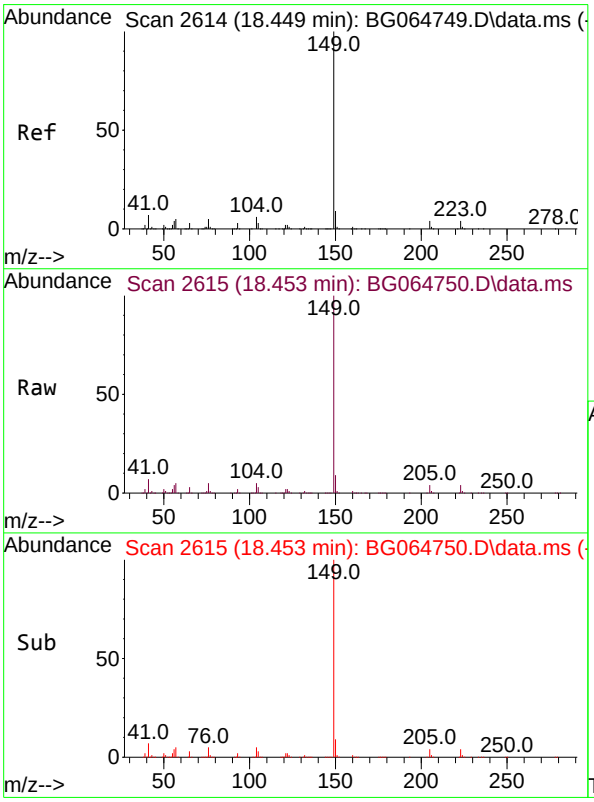
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 18.0 | 27.0 |
| 139 | 12.2 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

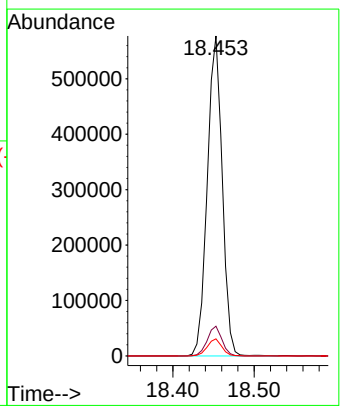
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

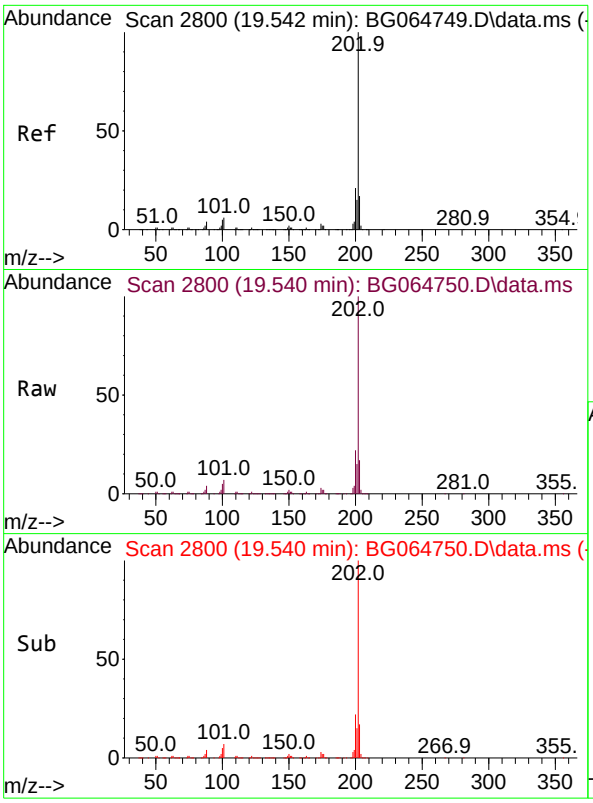



#74
Di-n-butylphthalate
Concen: 50.268 ng
RT: 18.453 min Scan# 2615
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:149 Resp: 738268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 5.3 | 4.4 | 6.6 |

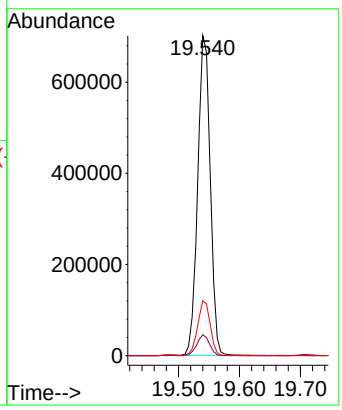





#75
Fluoranthene
Concen: 48.814 ng
RT: 19.540 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:202 Resp: 100243

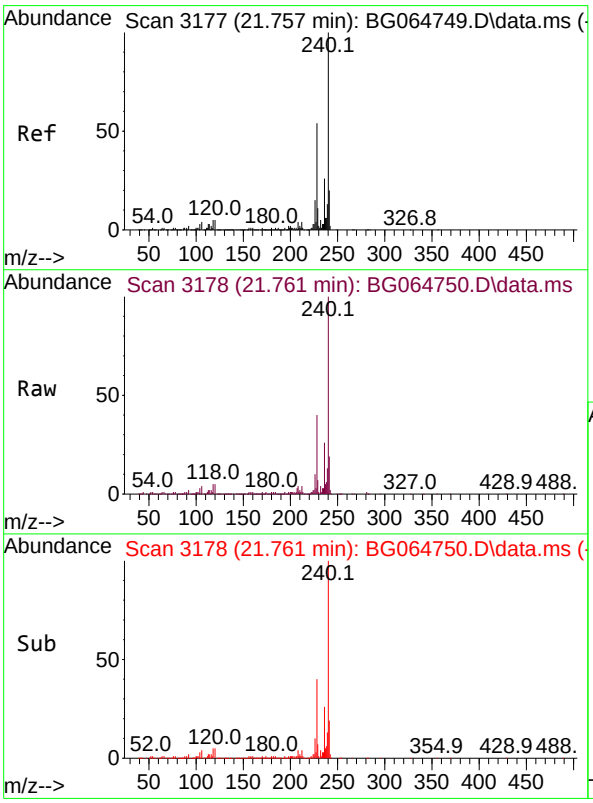
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.5 | 0.0 | 26.4 |
| 203 | 17.1 | 0.0 | 37.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

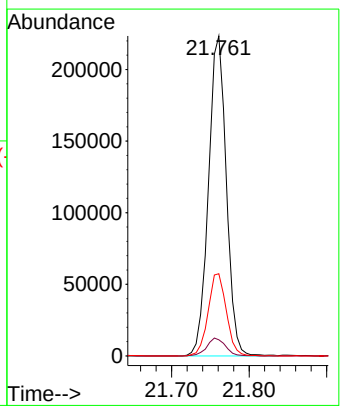
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

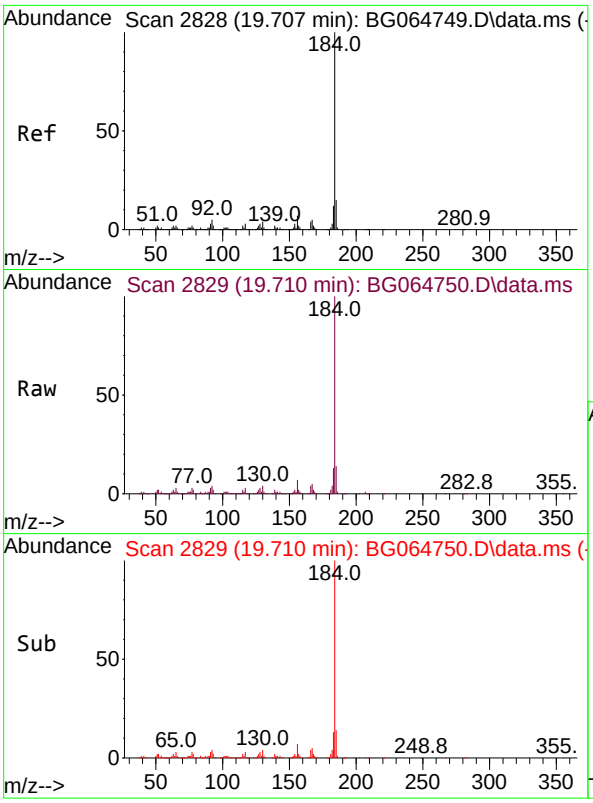



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.761 min Scan# 3178
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:240 Resp: 357345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.0 | 4.2 | 6.4 |
| 236 | 25.7 | 20.8 | 31.2 |

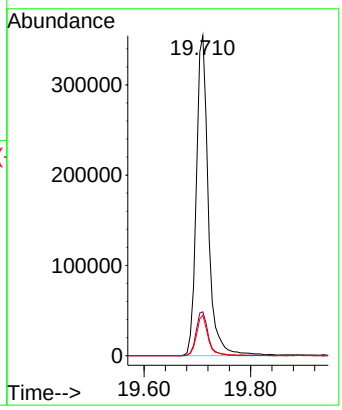





#77
Benzidine
Concen: 51.578 ng
RT: 19.710 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:184 Resp: 55198

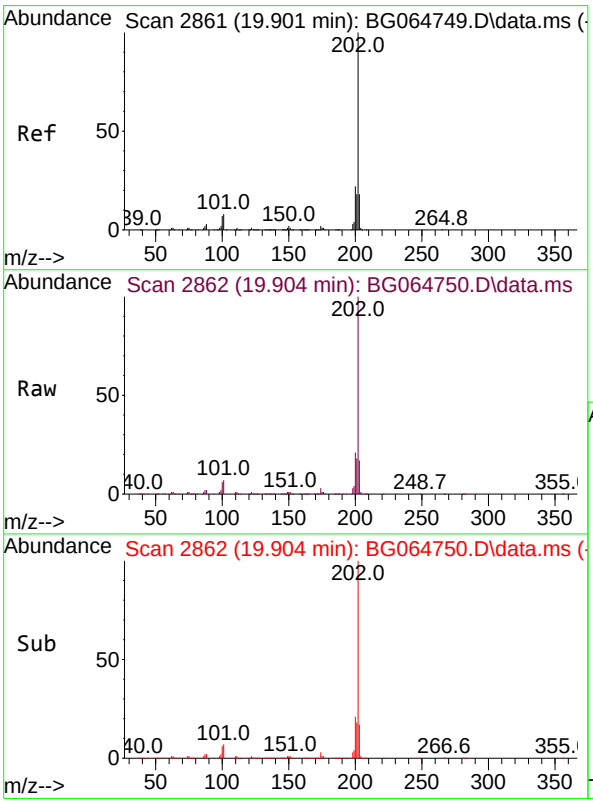
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.7 | 11.8 | 17.6 |
| 183 | 12.6 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

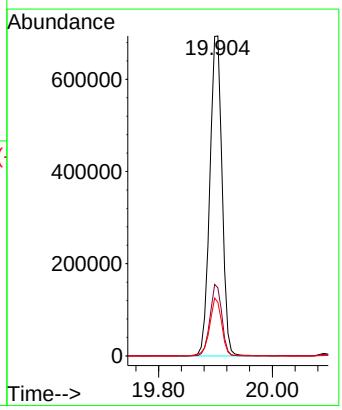
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

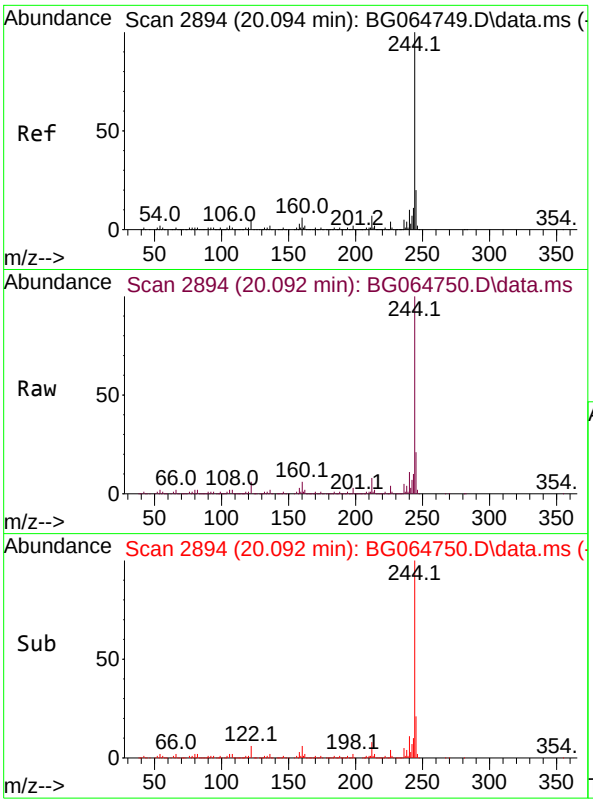



#78
Pyrene
Concen: 51.930 ng
RT: 19.904 min Scan# 2862
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:202 Resp: 1040032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.9 | 26.9 |
| 203 | 16.7 | 14.0 | 21.0 |






#79
Terphenyl-d14
Concen: 102.245 ng
RT: 20.092 min Scan# 28
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

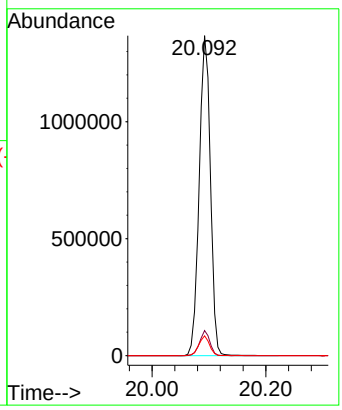
Tgt Ion:244 Resp: 185739

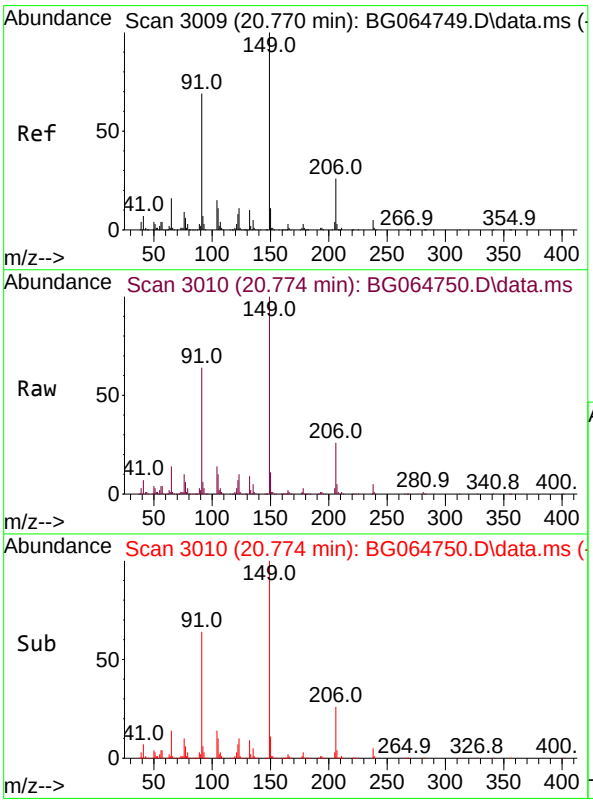
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.8 | 8.6 |
| 122 | 6.2 | 4.3 | 6.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

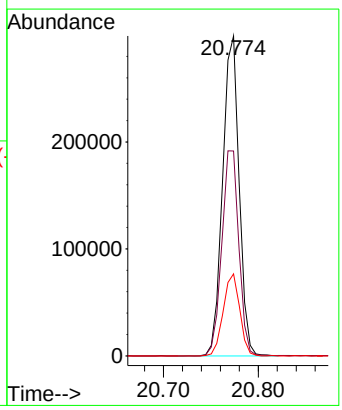


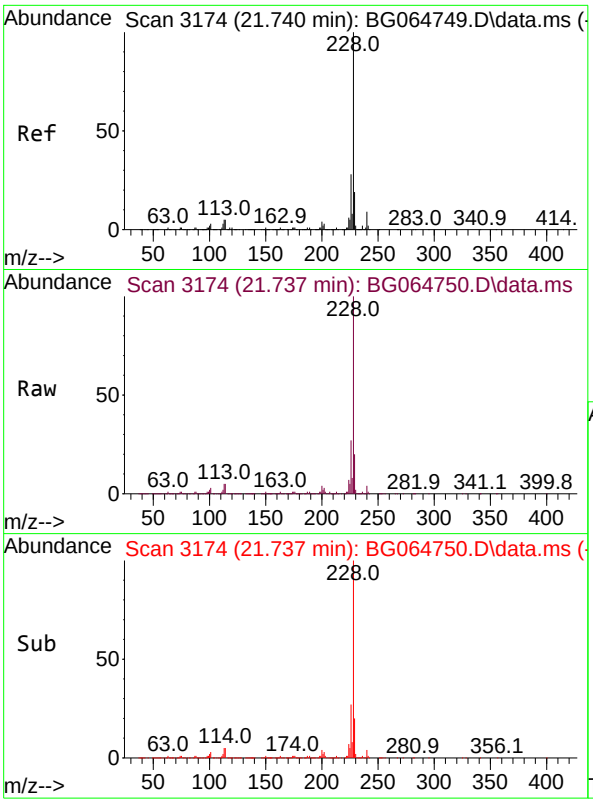




#80
Butylbenzylphthalate
Concen: 51.231 ng
RT: 20.774 min Scan# 3010
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:149 Resp: 360898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.0 | 54.9 | 82.3 |
| 206 | 25.6 | 21.2 | 31.8 |

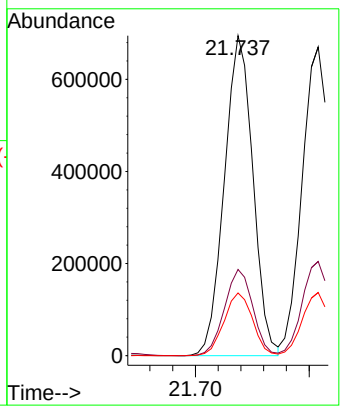





#81
Benzo(a)anthracene
Concen: 49.906 ng
RT: 21.737 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:228 Resp: 121262

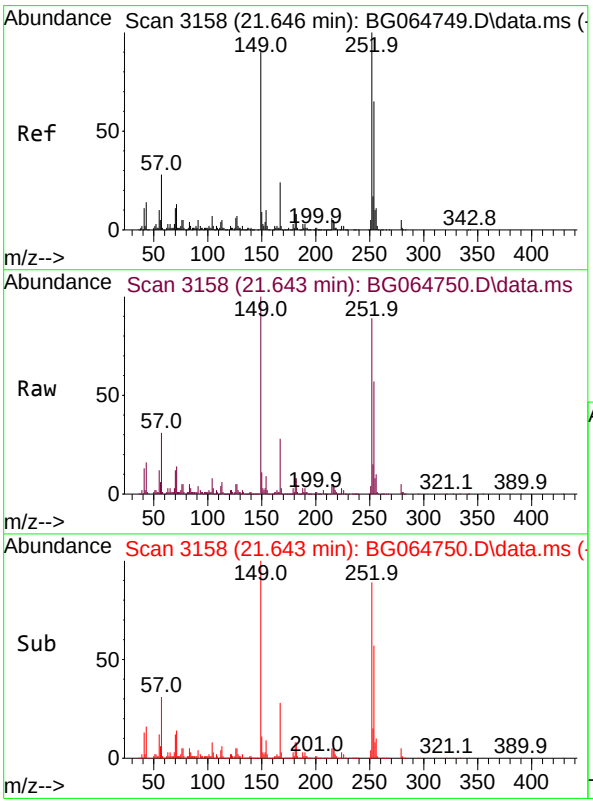
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 22.1 | 33.1 |
| 229 | 19.6 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

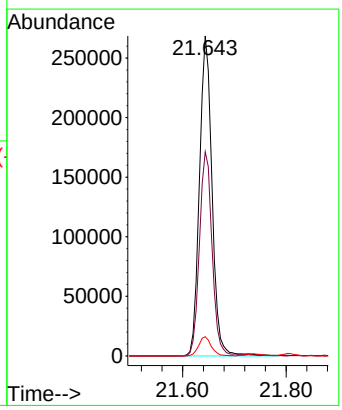
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

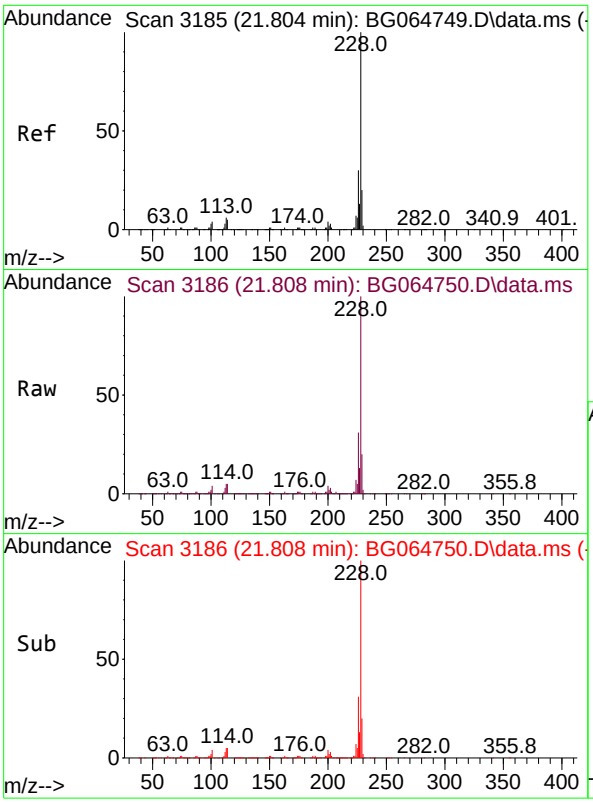



#82
3,3'-Dichlorobenzidine
Concen: 50.644 ng
RT: 21.643 min Scan# 3158
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:252 Resp: 452926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.8 | 51.8 | 77.8 |
| 126 | 6.0 | 4.7 | 7.1 |

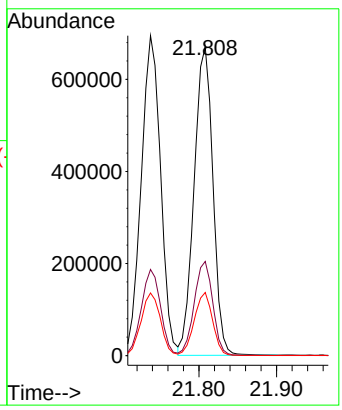





#83
Chrysene
Concen: 49.398 ng
RT: 21.808 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:228 Resp: 113158

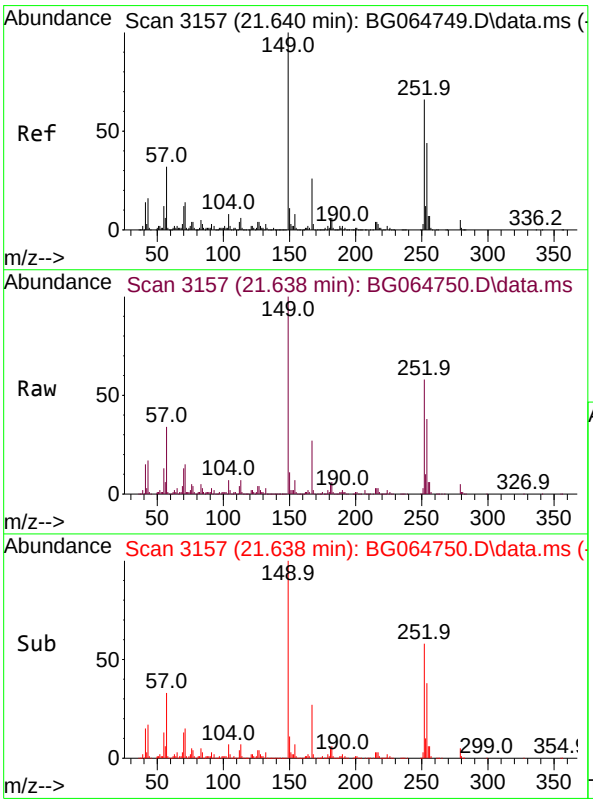
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 24.2 | 36.2 |
| 229 | 20.5 | 16.0 | 24.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

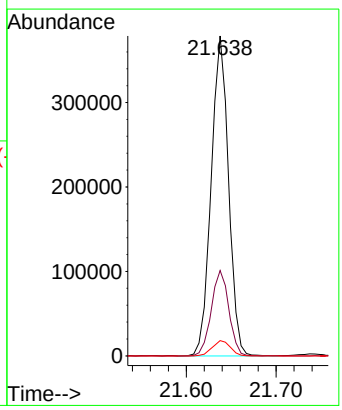
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

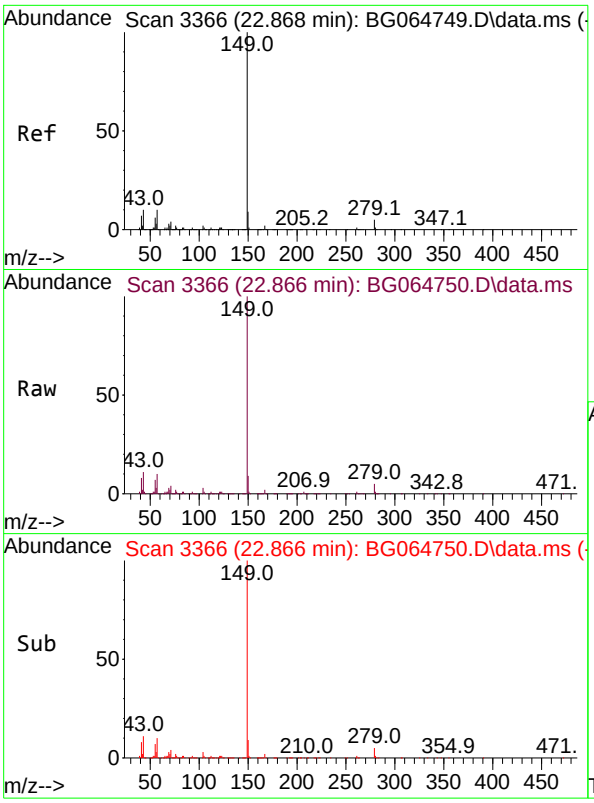



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.532 ng
RT: 21.638 min Scan# 3157
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:149 Resp: 509870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.7 | 21.0 | 31.4 |
| 279 | 4.8 | 4.1 | 6.1 |

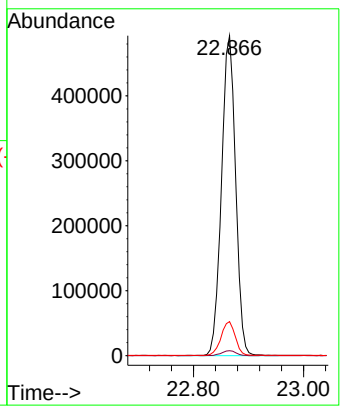





#85
Di-n-octyl phthalate
Concen: 49.360 ng
RT: 22.866 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:149 Resp: 87830

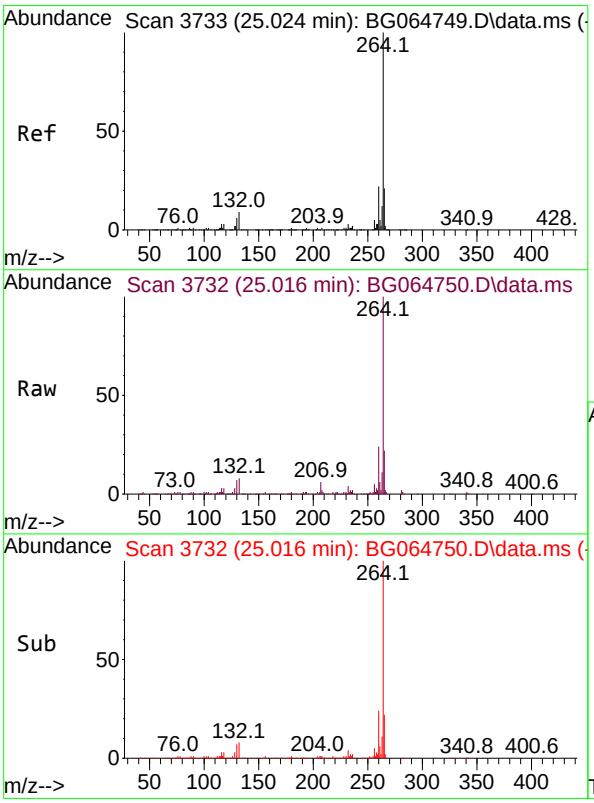
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.6 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

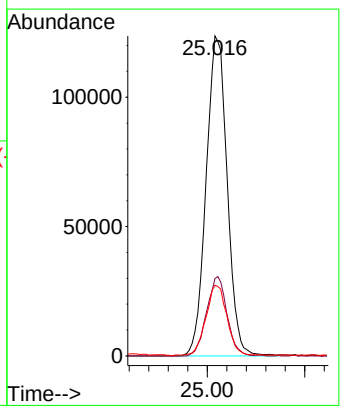
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

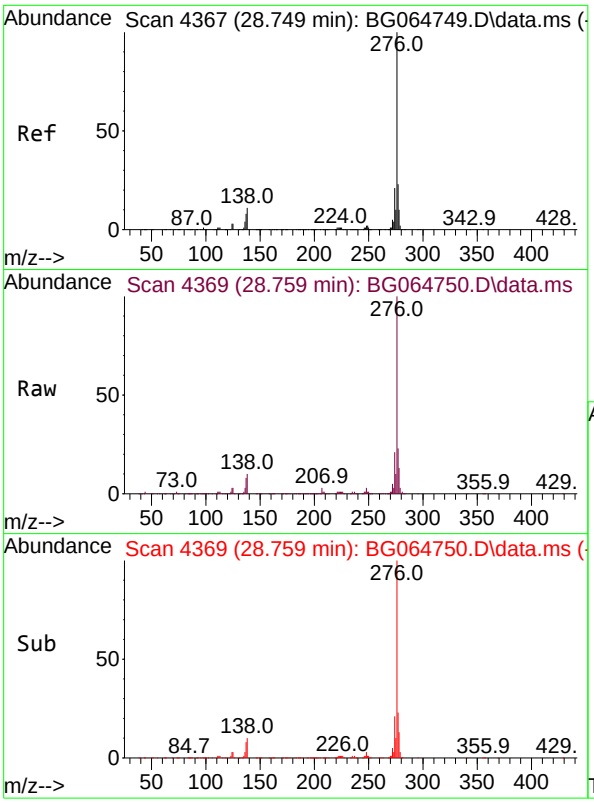



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3732
Delta R.T. -0.008 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:264 Resp: 371257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 17.2 | 25.8 |
| 265 | 22.1 | 16.6 | 25.0 |

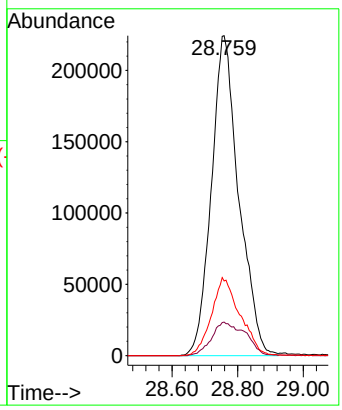





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.094 ng
RT: 28.759 min Scan# 4
Delta R.T. 0.010 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:276 Resp: 130323

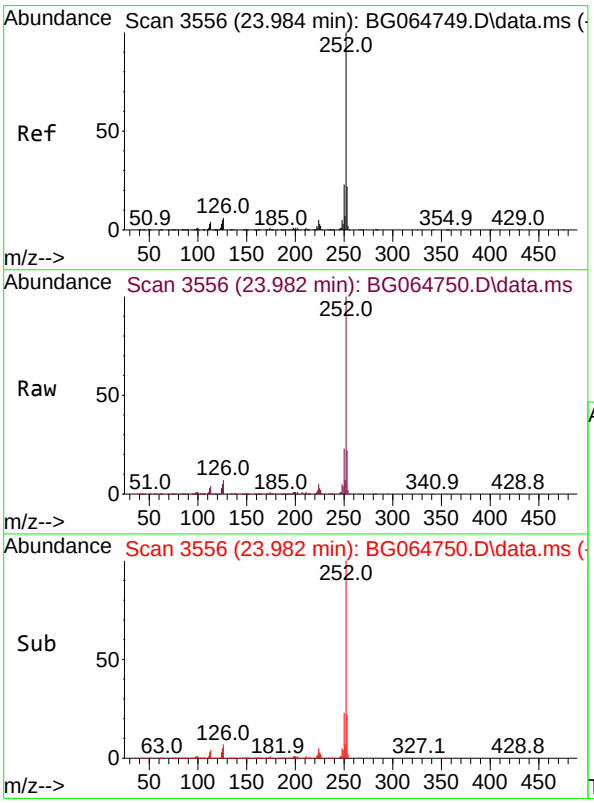
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.8 | 4.5 | 6.7# |
| 277 | 25.3 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

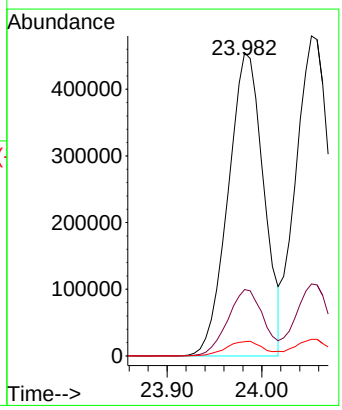
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

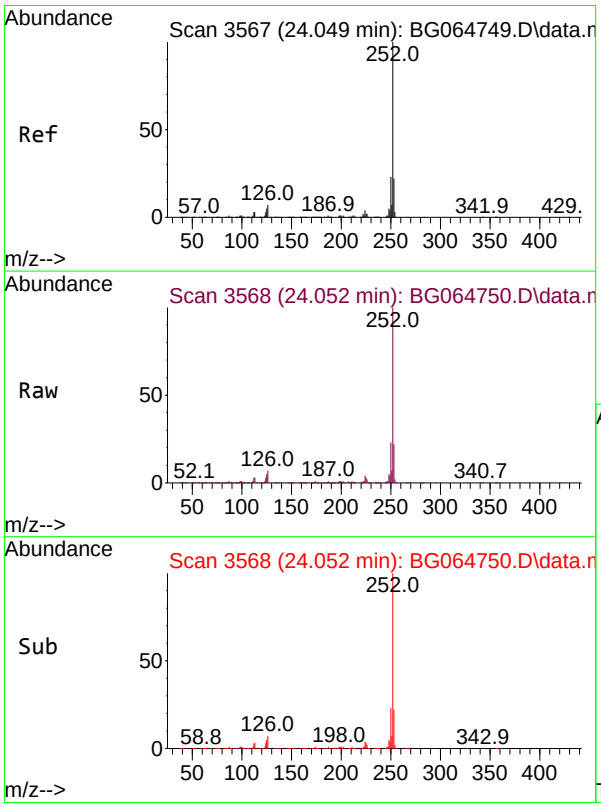



#88
Benzo(b)fluoranthene
Concen: 50.239 ng
RT: 23.982 min Scan# 3556
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:252 Resp: 1186948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.4 | 26.2 |
| 125 | 4.7 | 4.2 | 6.2 |






#89
Benzo(k)fluoranthene
Concen: 50.009 ng
RT: 24.052 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

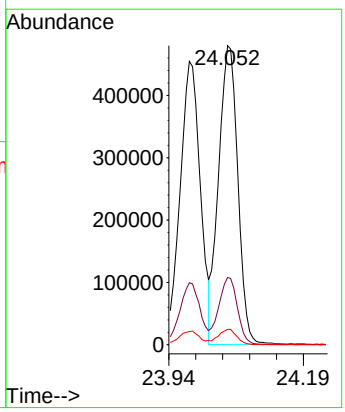
Tgt Ion:252 Resp: 118702

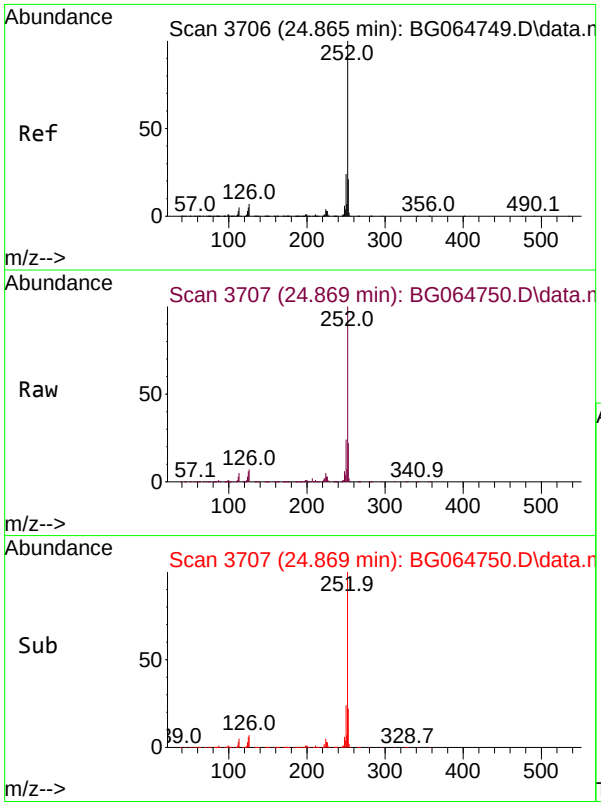
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.8 | 26.8 |
| 125 | 5.2 | 4.1 | 6.1 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

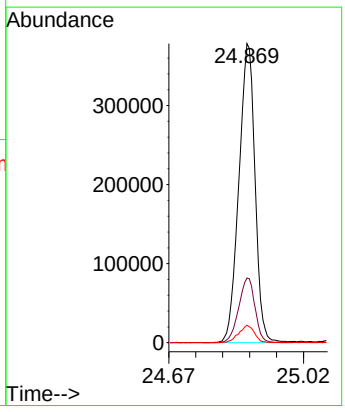


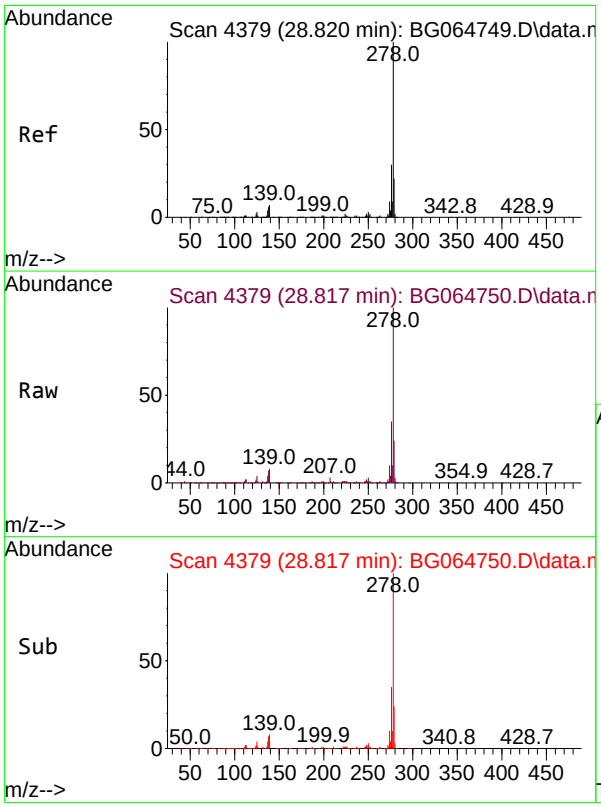




#90
Benzo(a)pyrene
Concen: 50.040 ng
RT: 24.869 min Scan# 3707
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:252 Resp: 1096687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 16.9 | 25.3 |
| 125 | 5.8 | 4.2 | 6.4 |






#91
Dibenzo(a,h)anthracene
Concen: 51.297 ng
RT: 28.817 min Scan# 4
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

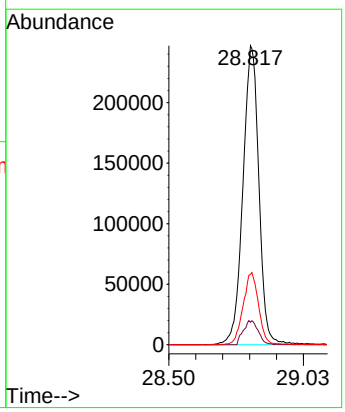
Tgt Ion:278 Resp: 107186

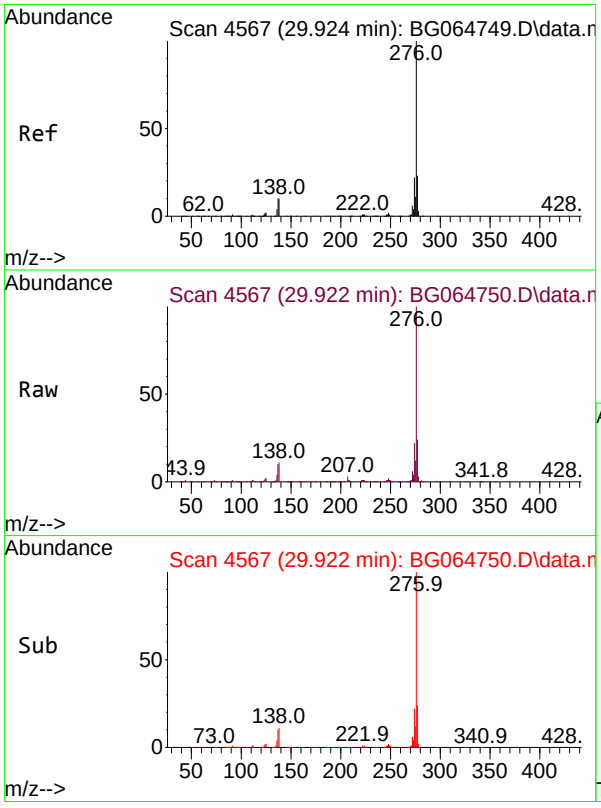
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.5 | 5.8 | 8.8 |
| 279 | 23.5 | 17.3 | 25.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC050

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

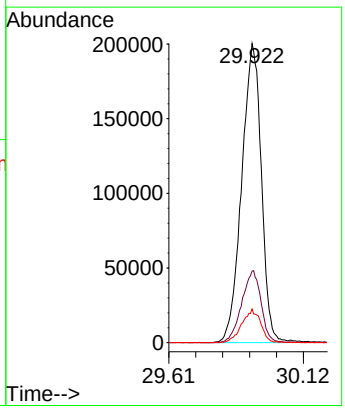



#92
Benzo(g,h,i)perylene
Concen: 51.150 ng
RT: 29.922 min Scan# 4567
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:276 Resp: 1028630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 18.0 | 27.0 |
| 138 | 11.3 | 8.2 | 12.2 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064751.D
Acq On : 12 Nov 2025 15:23
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:58:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.165 | 152 | 33014 | 20.000 | ng | # | 0.00 |
| 21) Naphthalene-d8 | 10.985 | 136 | 129015 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.775 | 164 | 101714 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.507 | 188 | 257987 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.761 | 240 | 346774 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.022 | 264 | 359143 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.703 | 112 | 227918 | 120.553 | ng | | 0.00 |
| 7) Phenol-d6 | 7.313 | 99 | 304043 | 120.912 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.334 | 82 | 318003 | 121.869 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.256 | 330 | 245951 | 123.984 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.412 | 172 | 875247 | 120.069 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.092 | 244 | 2066057 | 117.198 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.529 | 88 | 41639 | 56.890 | ng | | 95 |
| 3) Pyridine | 3.947 | 79 | 133087 | 61.027 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.853 | 42 | 66573 | 59.978 | ng | | 96 |
| 6) Aniline | 7.484 | 93 | 201403 | 60.089 | ng | | 98 |
| 8) 2-Chlorophenol | 7.730 | 128 | 121303 | 58.433 | ng | | 98 |
| 9) Benzaldehyde | 7.290 | 77 | 99425 | 60.402 | ng | | 89 |
| 10) Phenol | 7.337 | 94 | 165308 | 60.421 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.572 | 93 | 115271 | 59.208 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 8.059 | 146 | 139888 | 58.561 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.206 | 146 | 143437 | 58.970 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.524 | 146 | 141531 | 60.010 | ng | | 97 |
| 15) Benzyl Alcohol | 8.400 | 79 | 126393 | 61.236 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.694 | 45 | 266169 | 57.760 | ng | | 97 |
| 17) 2-Methylphenol | 8.600 | 107 | 114526 | 59.160 | ng | | 97 |
| 18) Hexachloroethane | 9.264 | 117 | 53606 | 58.188 | ng | | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.976 | 70 | 102626 | 60.360 | ng | | 100 |
| 20) 3+4-Methylphenols | 8.929 | 107 | 158700 | 59.841 | ng | | 92 |
| 22) Acetophenone | 8.988 | 105 | 211524 | 60.179 | ng | # | 99 |
| 24) Nitrobenzene | 9.375 | 77 | 160696 | 60.949 | ng | | 99 |
| 25) Isophorone | 9.898 | 82 | 300843 | 60.543 | ng | | 98 |
| 26) 2-Nitrophenol | 10.086 | 139 | 76283 | 64.325 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 10.139 | 122 | 130184 | 61.791 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.374 | 93 | 163781 | 60.037 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.627 | 162 | 141372 | 62.500 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.844 | 180 | 161988 | 59.307 | ng | | 98 |
| 31) Naphthalene | 11.032 | 128 | 433362 | 59.254 | ng | | 100 |
| 32) Benzoic acid | 10.280 | 122 | 98796m | 64.105 | ng | | |
| 33) 4-Chloroaniline | 11.132 | 127 | 180399 | 61.662 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.326 | 225 | 138036 | 58.901 | ng | | 97 |
| 35) Caprolactam | 11.908 | 113 | 41409 | 61.260 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 12.237 | 107 | 155480 | 61.757 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.625 | 142 | 323161 | 59.046 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.842 | 142 | 317238 | 58.353 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.989 | 216 | 240877 | 60.852 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.971 | 237 | 180651 | 63.670 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 13.218 | 196 | 146850 | 63.209 | ng | | 99 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064751.D
Acq On : 12 Nov 2025 15:23
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 12 16:58:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.289 | 196 | 161978 | 62.163 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.618 | 154 | 439700 | 60.188 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.665 | 162 | 347150 | 60.317 | ng | | 99 |
| 48) 2-Nitroaniline | 13.853 | 65 | 119346 | 64.470 | ng | | 95 |
| 49) Acenaphthylene | 14.505 | 152 | 600143 | 61.036 | ng | | 98 |
| 50) Dimethylphthalate | 14.223 | 163 | 485762 | 60.458 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.340 | 165 | 98168 | 63.495 | ng | | 97 |
| 52) Acenaphthene | 14.840 | 154 | 370233 | 62.799 | ng | | 100 |
| 53) 3-Nitroaniline | 14.669 | 138 | 99543 | 65.234 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.869 | 184 | 60324 | 59.432 | ng | | 89 |
| 55) Dibenzofuran | 15.175 | 168 | 576483 | 59.147 | ng | | 98 |
| 56) 4-Nitrophenol | 14.963 | 139 | 79581 | 65.732 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 15.122 | 165 | 149083 | 64.319 | ng | # | 97 |
| 58) Fluorene | 15.815 | 166 | 450137 | 58.885 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.392 | 232 | 165755 | 64.473 | ng | | 97 |
| 60) Diethylphthalate | 15.580 | 149 | 463685 | 60.243 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.803 | 204 | 272931 | 59.493 | ng | | 99 |
| 62) 4-Nitroaniline | 15.827 | 138 | 102284 | 64.702 | ng | | 100 |
| 63) Azobenzene | 16.097 | 77 | 383102 | 59.841 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.880 | 198 | 97291 | 67.922 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 16.015 | 169 | 408909 | 60.512 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.696 | 248 | 207947 | 61.378 | ng | | 98 |
| 68) Hexachlorobenzene | 16.820 | 284 | 245522 | 59.815 | ng | | 97 |
| 69) Atrazine | 16.955 | 200 | 195803 | 60.098 | ng | | 97 |
| 70) Pentachlorophenol | 17.155 | 266 | 144648 | 61.120 | ng | | 98 |
| 71) Phenanthrene | 17.548 | 178 | 843427 | 59.753 | ng | | 99 |
| 72) Anthracene | 17.642 | 178 | 861577 | 59.861 | ng | | 100 |
| 73) Carbazole | 17.901 | 167 | 739493 | 59.766 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.453 | 149 | 828062 | 59.986 | ng | | 100 |
| 75) Fluoranthene | 19.540 | 202 | 1141630 | 59.146 | ng | | 99 |
| 77) Benzidine | 19.710 | 184 | 574724 | 55.340 | ng | | 99 |
| 78) Pyrene | 19.904 | 202 | 1181920 | 60.813 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.774 | 149 | 413202 | 60.444 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.737 | 228 | 1388051 | 58.867 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.643 | 252 | 498737 | 57.466 | ng | | 99 |
| 83) Chrysene | 21.808 | 228 | 1326816 | 59.686 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.638 | 149 | 586917 | 58.754 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.866 | 149 | 1013682 | 58.705 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.765 | 276 | 1512216 | 61.287 | ng | # | 98 |
| 88) Benzo(b)fluoranthene | 23.988 | 252 | 1405334 | 61.488 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 24.058 | 252 | 1353541 | 58.948 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.875 | 252 | 1281570 | 60.448 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.823 | 278 | 1235848 | 61.139 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 29.934 | 276 | 1188967 | 61.117 | ng | | 96 |

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

ICAL Form

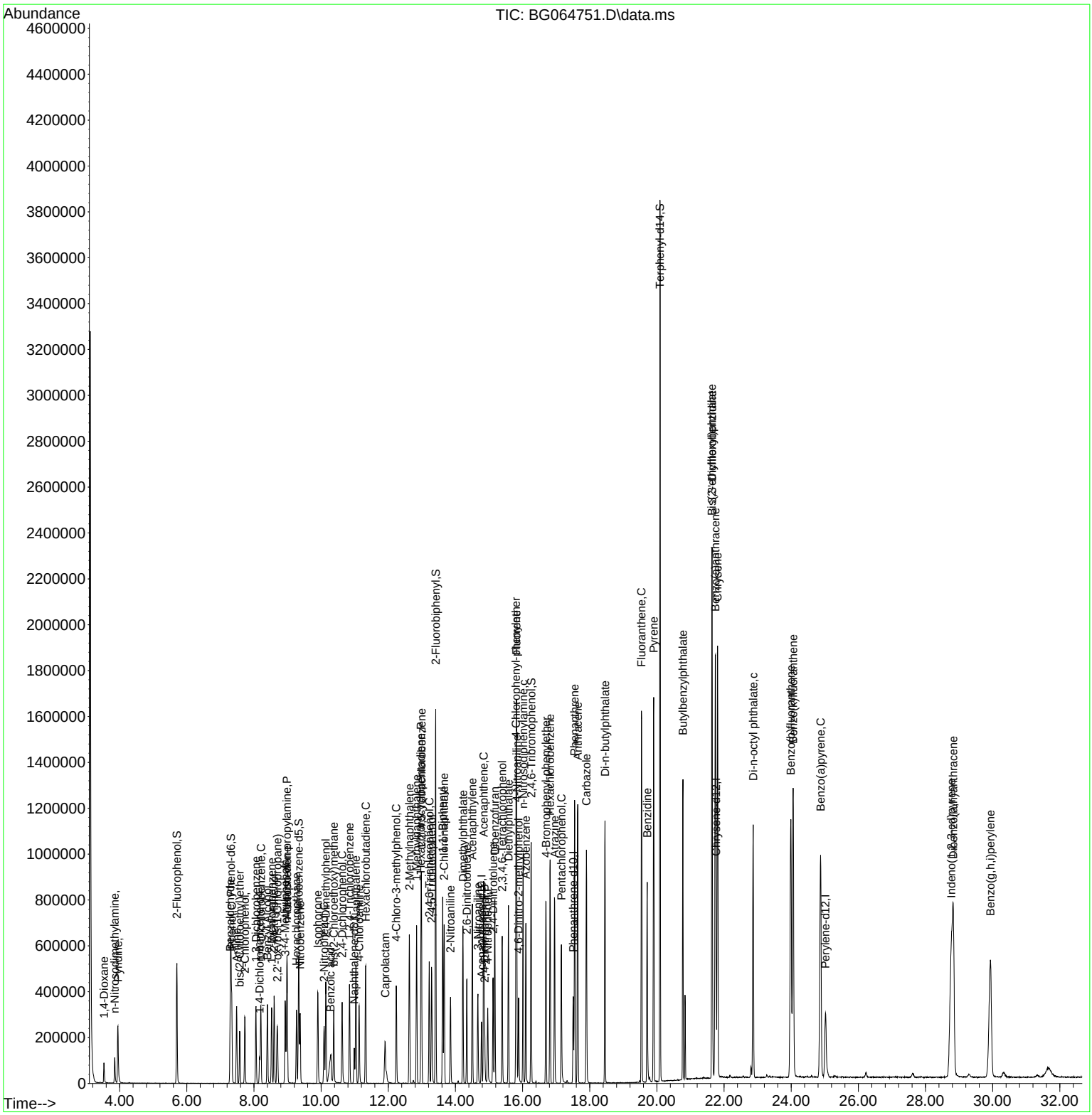
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064751.D
Acq On : 12 Nov 2025 15:23
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

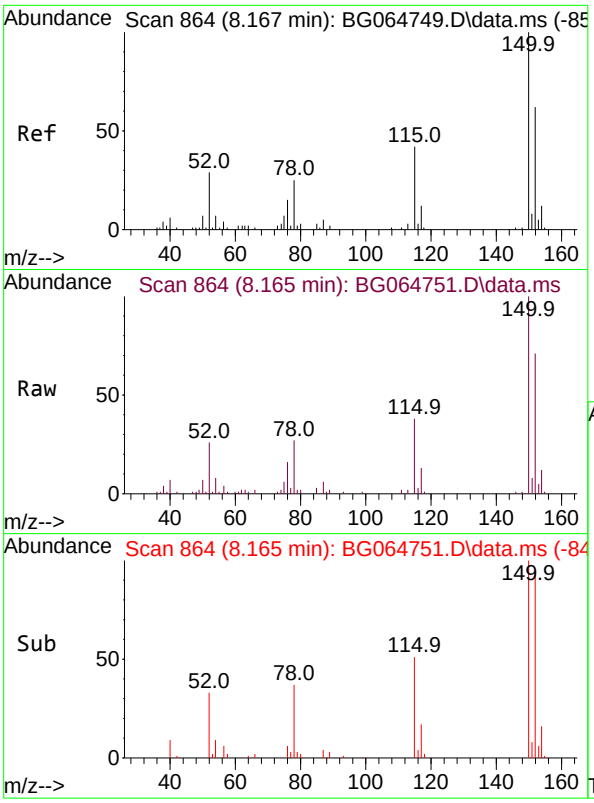
Quant Time: Nov 12 16:58:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

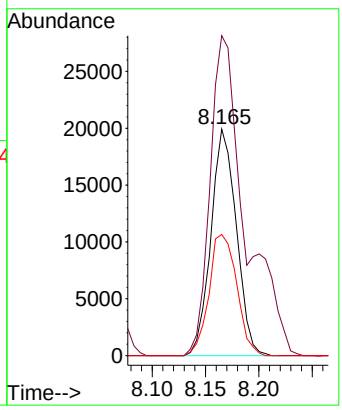





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:152 Resp: 3301

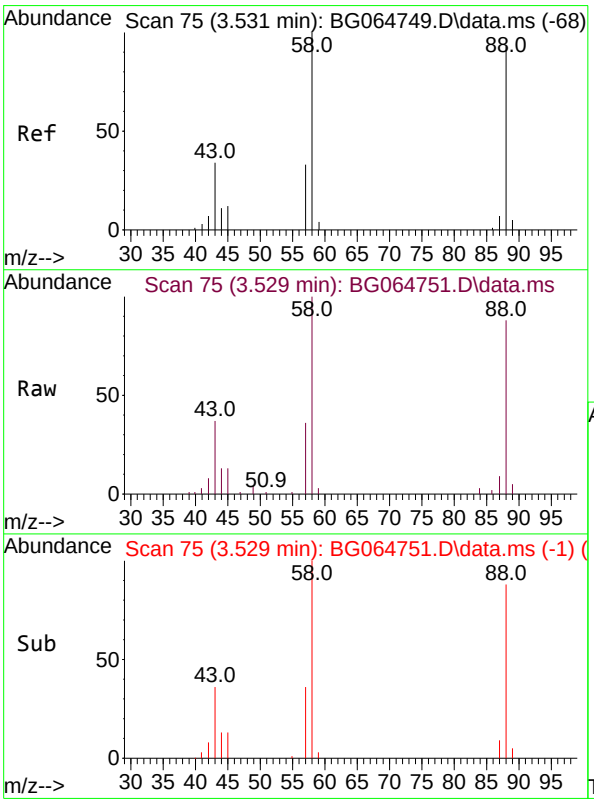
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.3 | 129.2 | 193.8 |
| 115 | 53.5 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

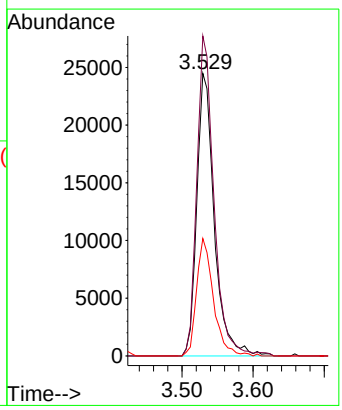
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

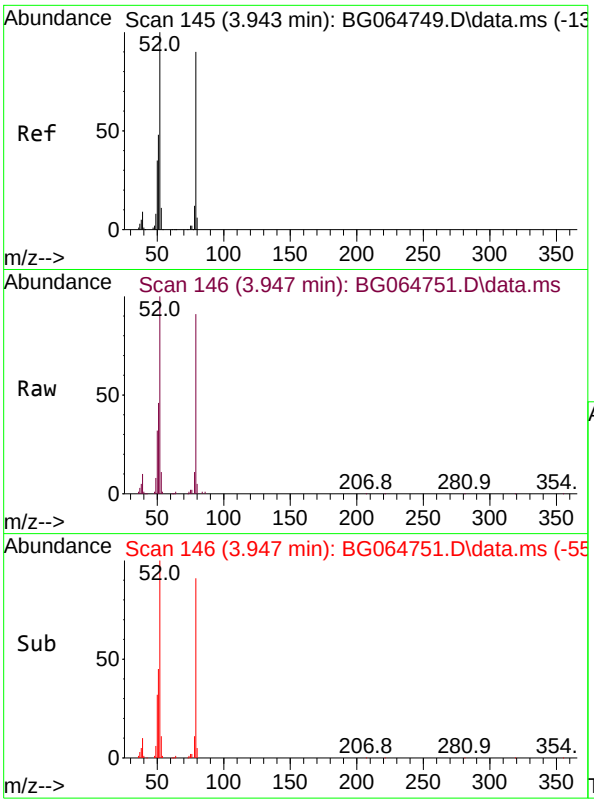



#2
1,4-Dioxane
Concen: 56.890 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 88 Resp: 41639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 111.2 | 84.6 | 126.8 |
| 43 | 40.2 | 30.0 | 45.0 |

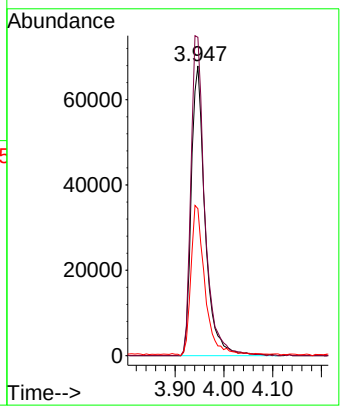





#3
Pyridine
Concen: 61.027 ng
RT: 3.947 min Scan# 14
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 79 Resp: 13308

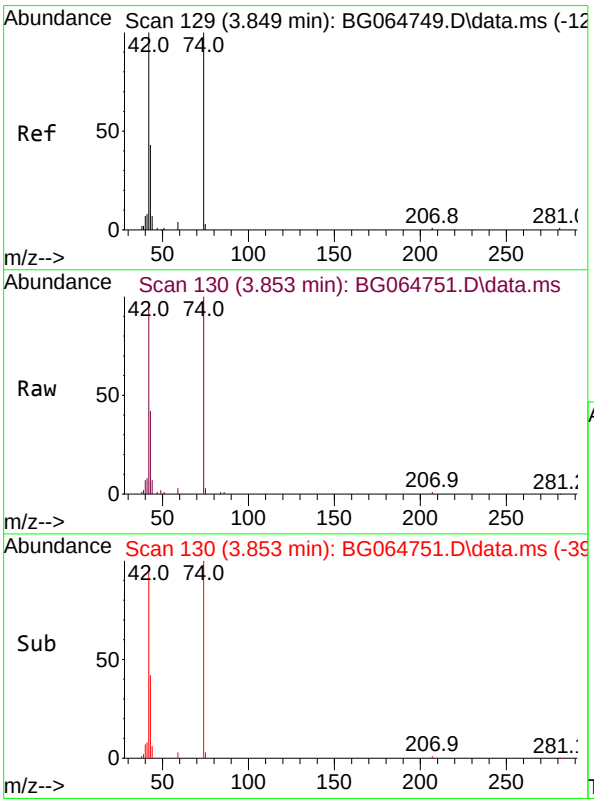
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 109.8 | 89.0 | 133.4 |
| 51 | 50.7 | 43.4 | 65.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

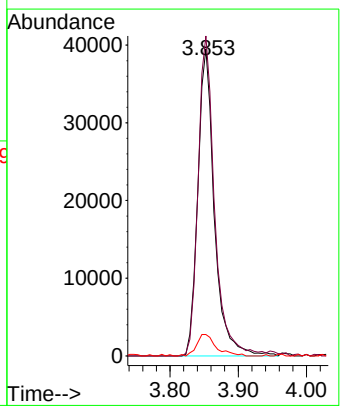
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

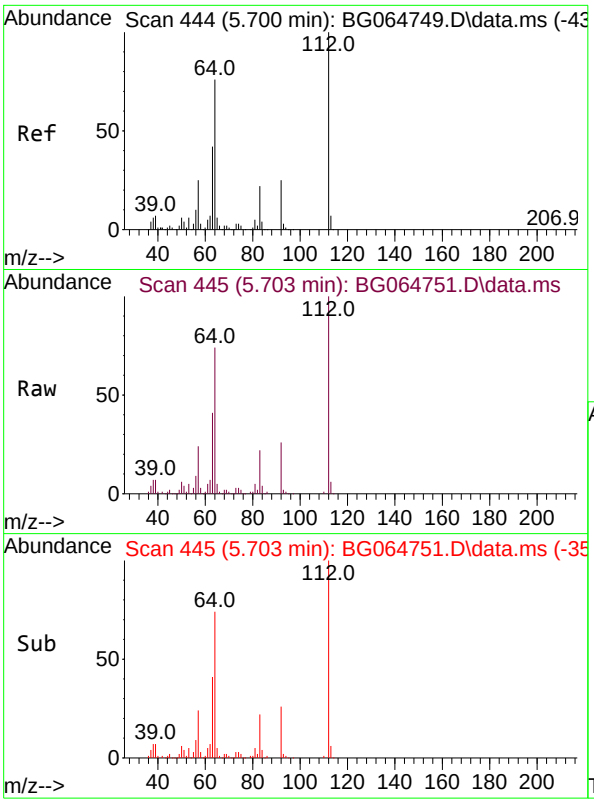



#4
n-Nitrosodimethylamine
Concen: 59.978 ng
RT: 3.853 min Scan# 130
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 42 Resp: 66573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 104.2 | 79.8 | 119.6 |
| 44 | 7.0 | 5.9 | 8.9 |






#5
2-Fluorophenol
Concen: 120.553 ng
RT: 5.703 min Scan# 44
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

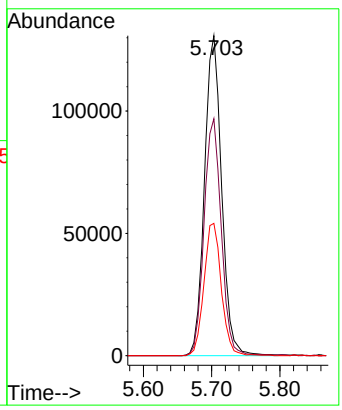
Tgt Ion:112 Resp: 22791

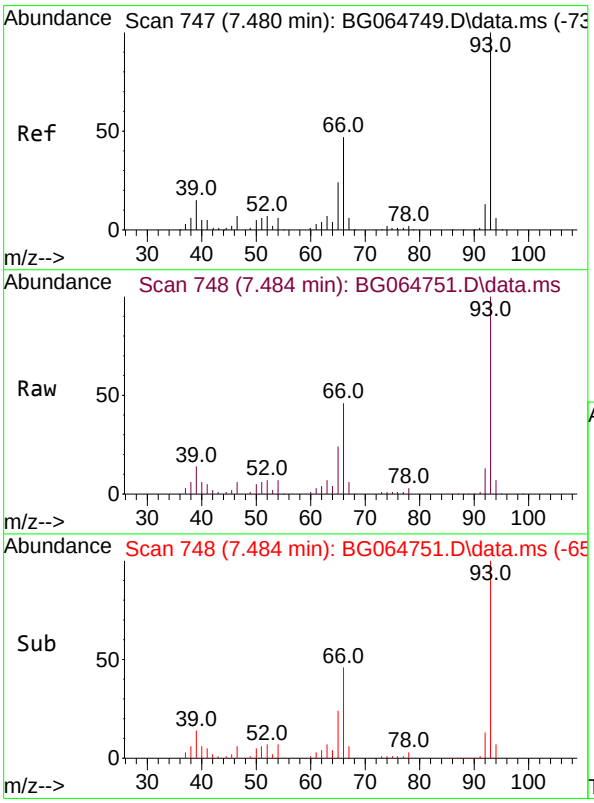
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.0 | 61.0 | 91.4 |
| 63 | 41.3 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

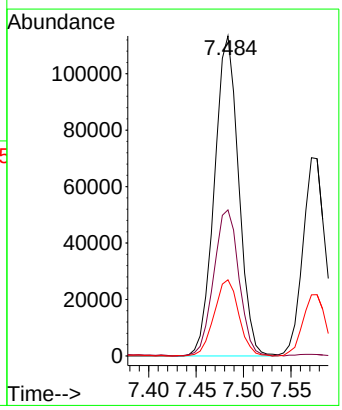


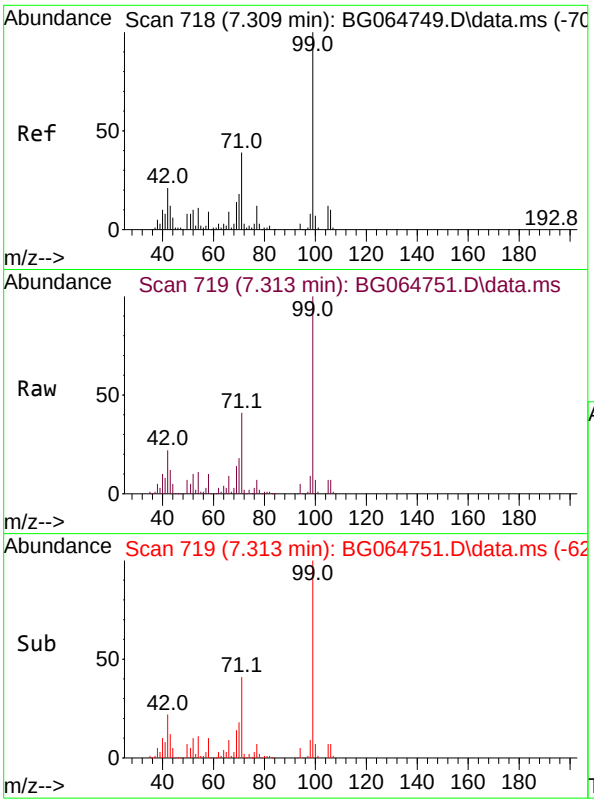




#6
Aniline
Concen: 60.089 ng
RT: 7.484 min Scan# 748
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 93 Resp: 201403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 45.6 | 37.7 | 56.5 |
| 65 | 23.8 | 19.1 | 28.7 |

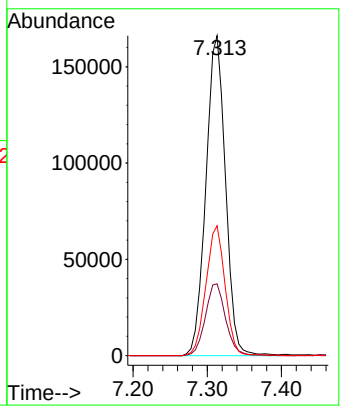





#7
Phenol-d6
Concen: 120.912 ng
RT: 7.313 min Scan# 7
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 99 Resp: 30404

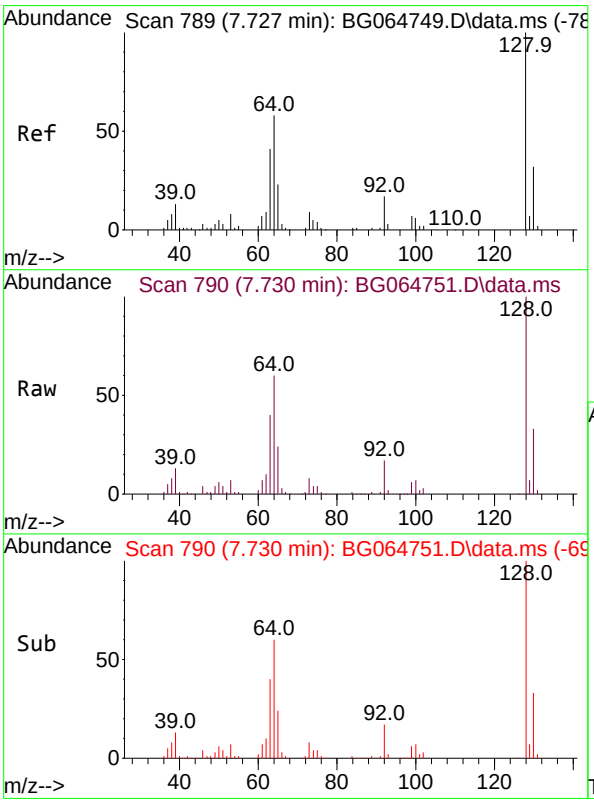
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.4 | 16.8 | 25.2 |
| 71 | 40.6 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

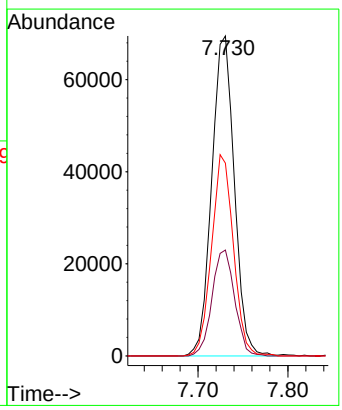
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

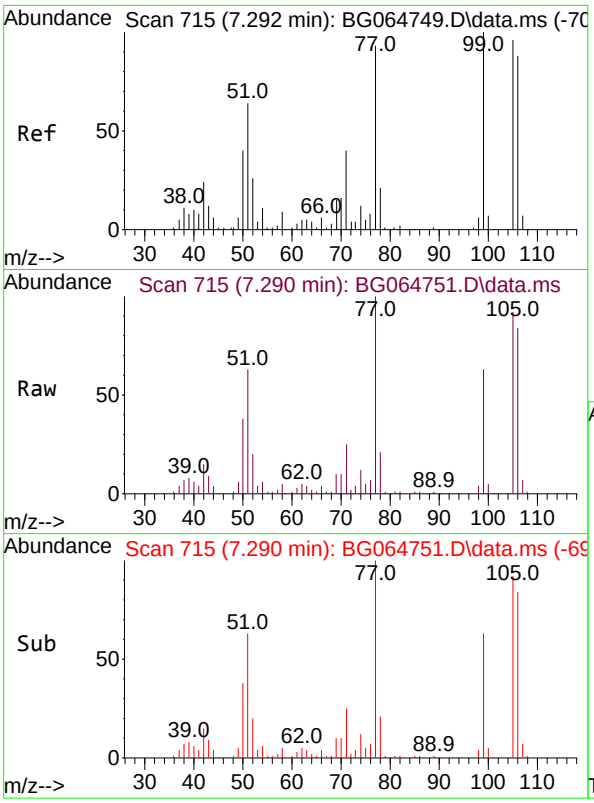



#8
2-Chlorophenol
Concen: 58.433 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:128 Resp: 121303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.1 | 11.9 | 51.9 |
| 64 | 60.2 | 38.4 | 78.4 |

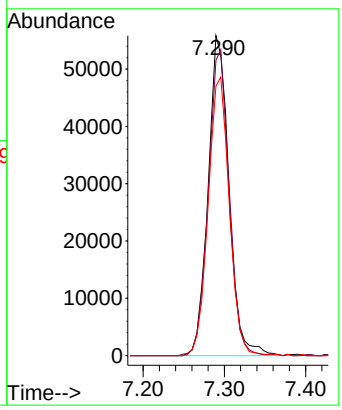





#9
Benzaldehyde
Concen: 60.402 ng
RT: 7.290 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 77 Resp: 9942

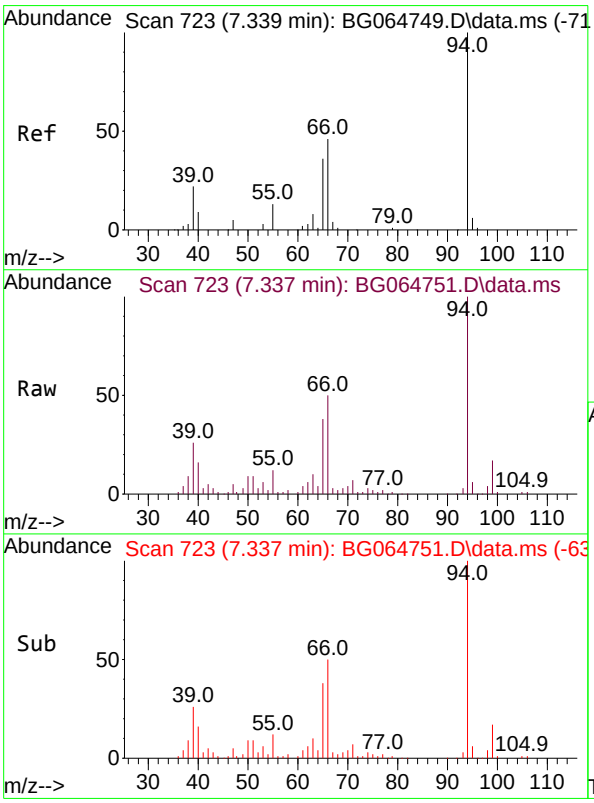
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 92.3 | 83.8 | 123.8 |
| 106 | 84.2 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

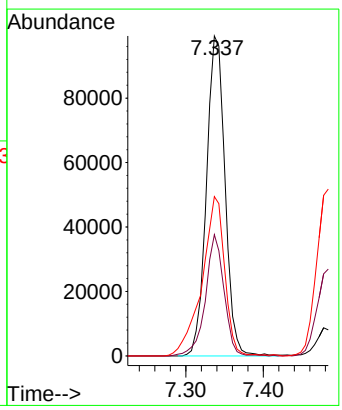
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

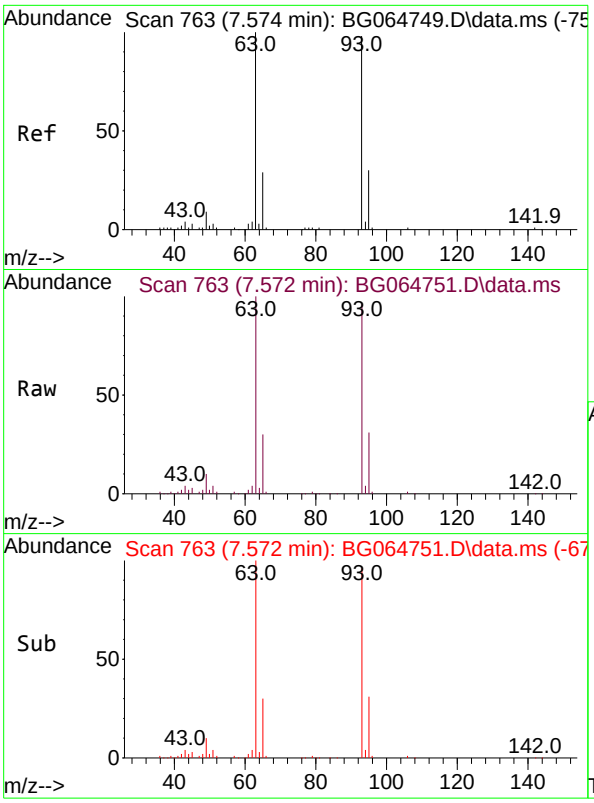



#10
Phenol
Concen: 60.421 ng
RT: 7.337 min Scan# 723
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 94 Resp: 165308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.9 | 17.0 | 57.0 |
| 66 | 49.8 | 29.8 | 69.8 |

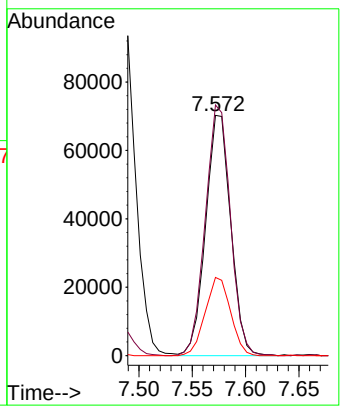





#11
bis(2-Chloroethyl)ether
Concen: 59.208 ng
RT: 7.572 min Scan# 7
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 93 Resp: 11527

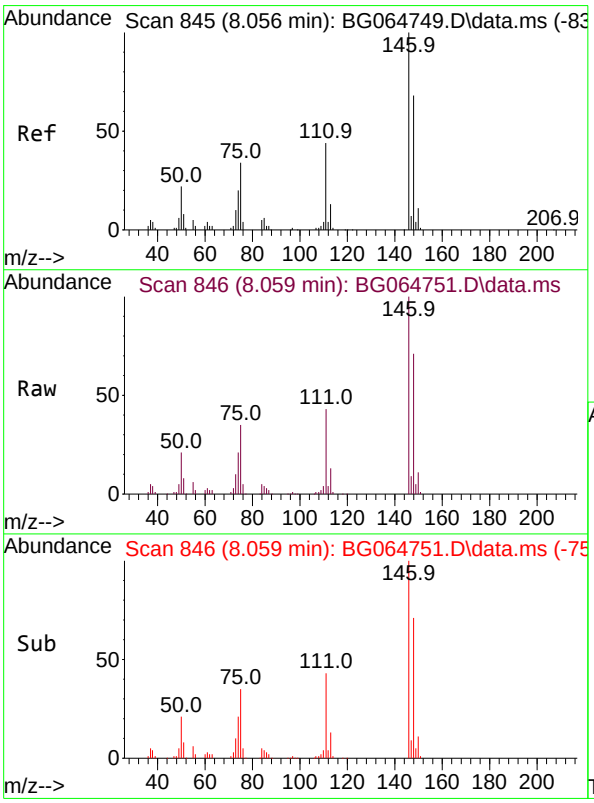
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 104.4 | 81.8 | 121.8 |
| 95 | 32.6 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

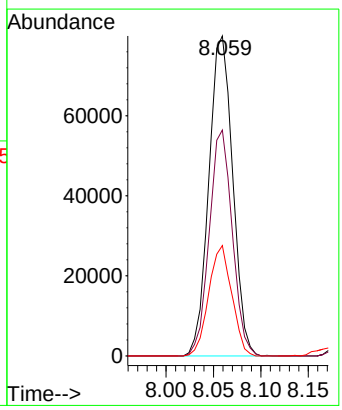
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

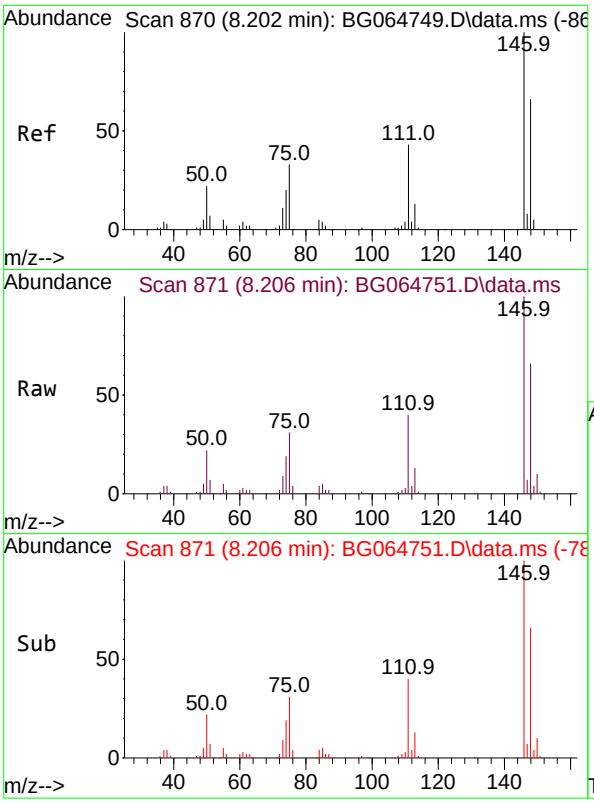



#12
1,3-Dichlorobenzene
Concen: 58.561 ng
RT: 8.059 min Scan# 846
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:146 Resp: 139888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.6 | 54.6 | 82.0 |
| 75 | 34.5 | 27.6 | 41.4 |

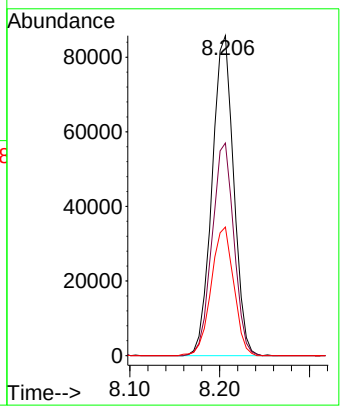





#13
1,4-Dichlorobenzene
Concen: 58.970 ng
RT: 8.206 min Scan# 8
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:146 Resp: 14343

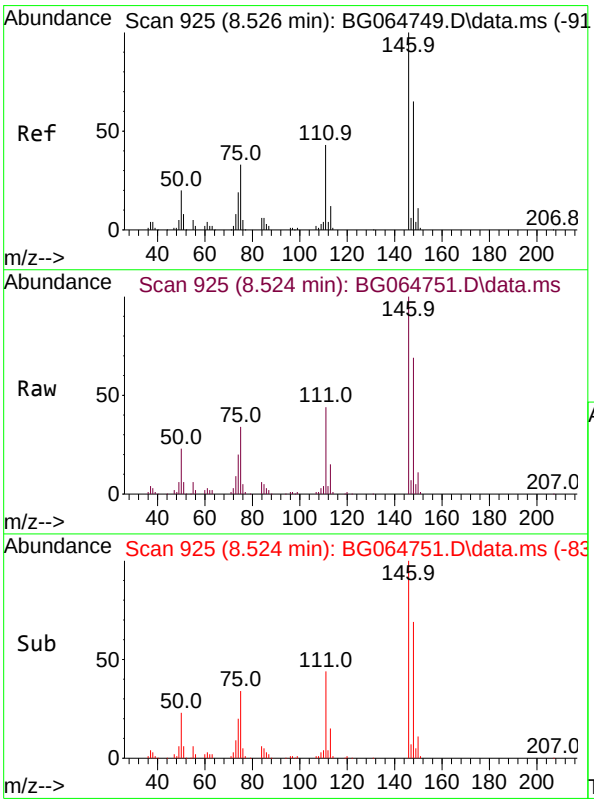
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.4 | 53.1 | 79.7 |
| 111 | 40.2 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

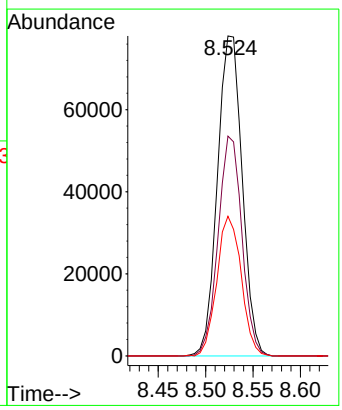
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

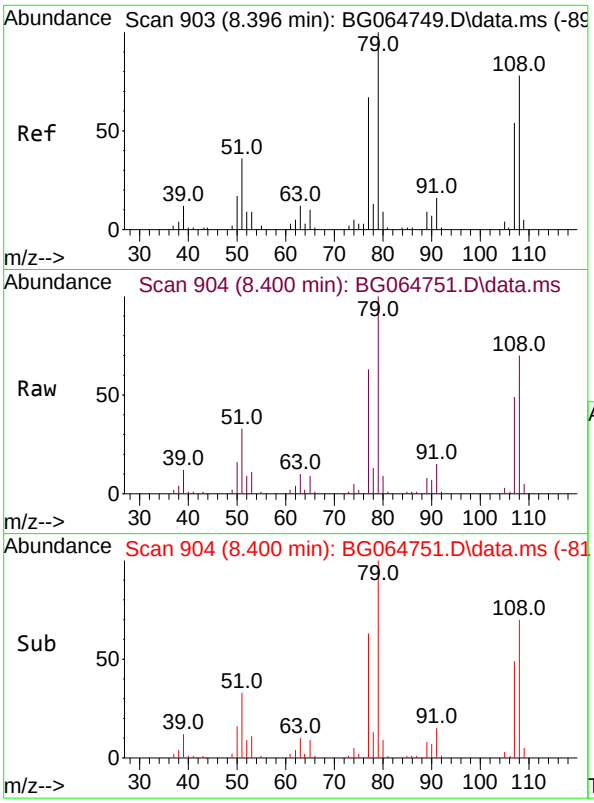



#14
1,2-Dichlorobenzene
Concen: 60.010 ng
RT: 8.524 min Scan# 925
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:146 Resp: 141531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.7 | 52.0 | 78.0 |
| 111 | 43.6 | 34.7 | 52.1 |

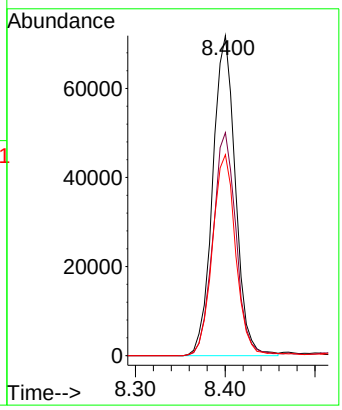





#15
Benzyl Alcohol
Concen: 61.236 ng
RT: 8.400 min Scan# 90
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 79 Resp: 12639

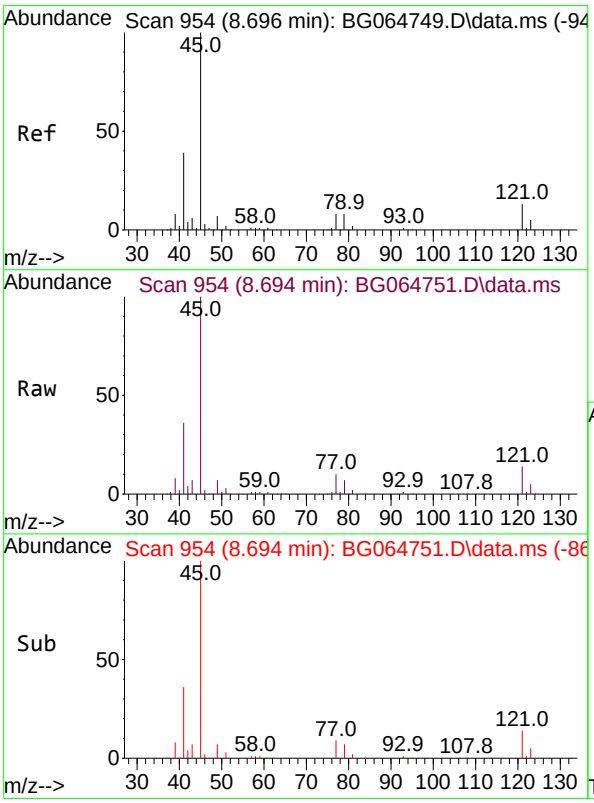
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.7 | 62.3 | 93.5 |
| 77 | 62.8 | 53.5 | 80.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

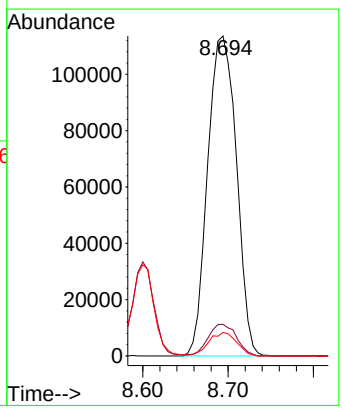
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

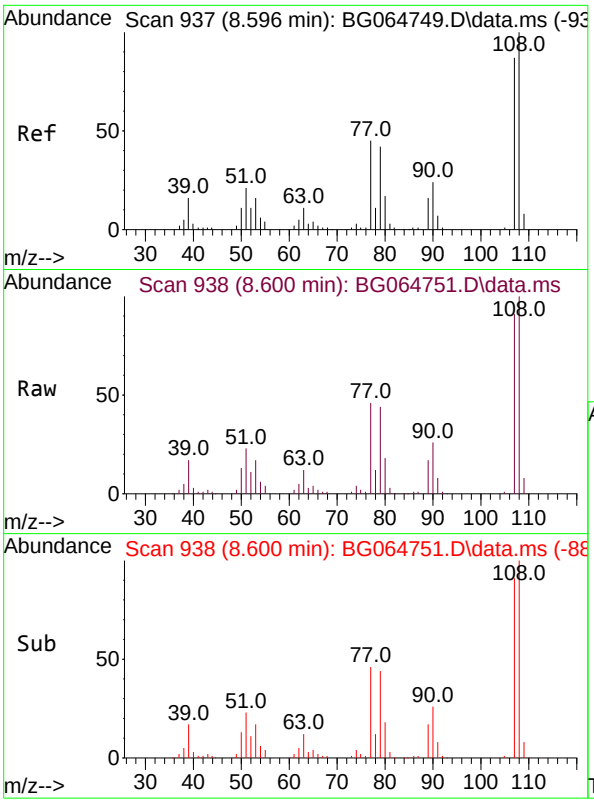



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.760 ng
RT: 8.694 min Scan# 954
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 45 Resp: 266169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.9 | 0.0 | 28.8 |
| 79 | 7.3 | 0.0 | 28.1 |

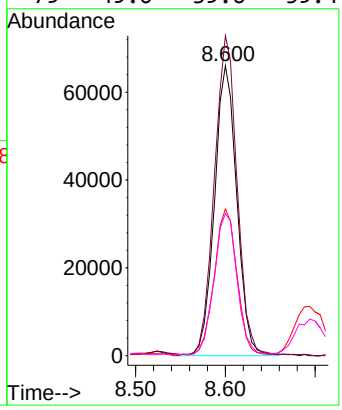





#17
2-Methylphenol
Concen: 59.160 ng
RT: 8.600 min Scan# 9
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:107 Resp: 11452

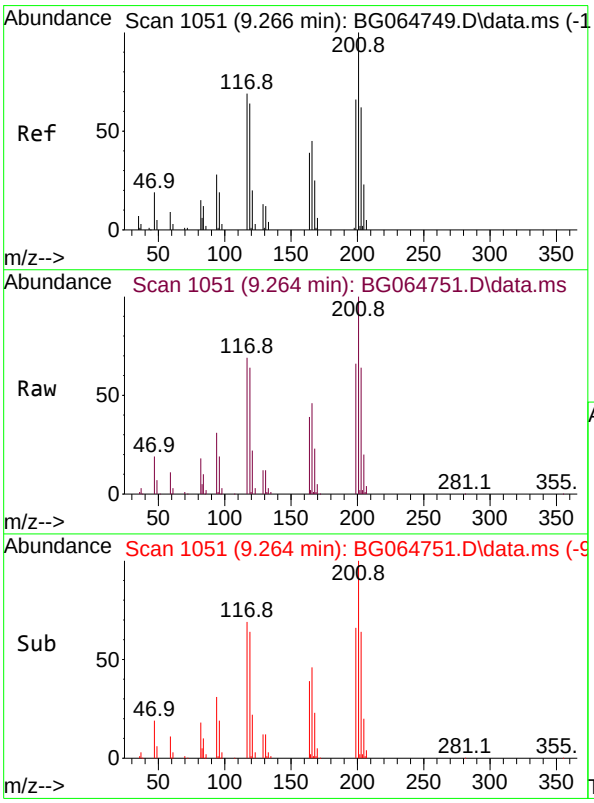
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.4 | 92.6 | 138.8 |
| 77 | 50.6 | 41.2 | 61.8 |
| 79 | 49.0 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

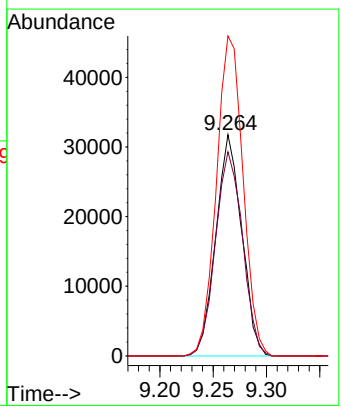
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

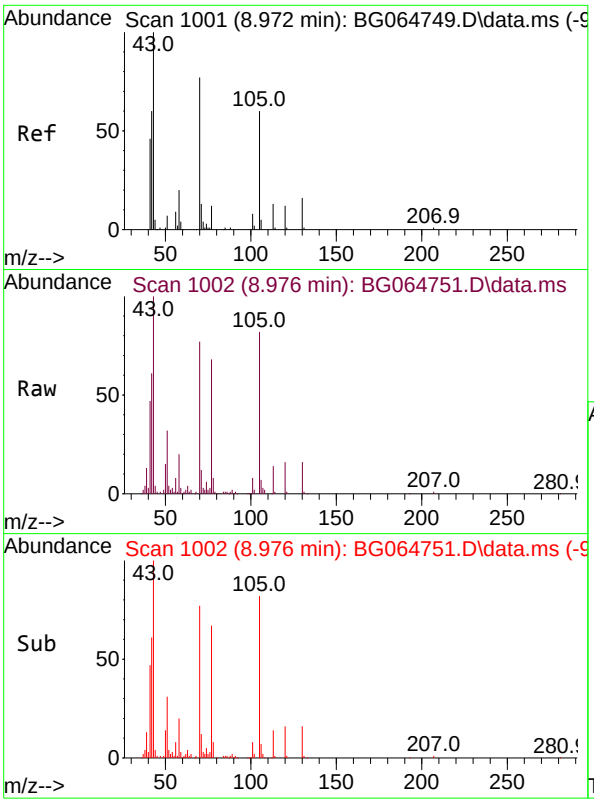



#18
Hexachloroethane
Concen: 58.188 ng
RT: 9.264 min Scan# 1051
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:117 Resp: 53606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.2 | 74.4 | 111.6 |
| 201 | 144.6 | 116.5 | 174.7 |

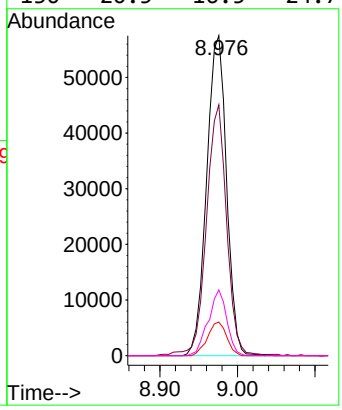





#19
n-Nitroso-di-n-propylamine
Concen: 60.360 ng
RT: 8.976 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 70 Resp: 10262

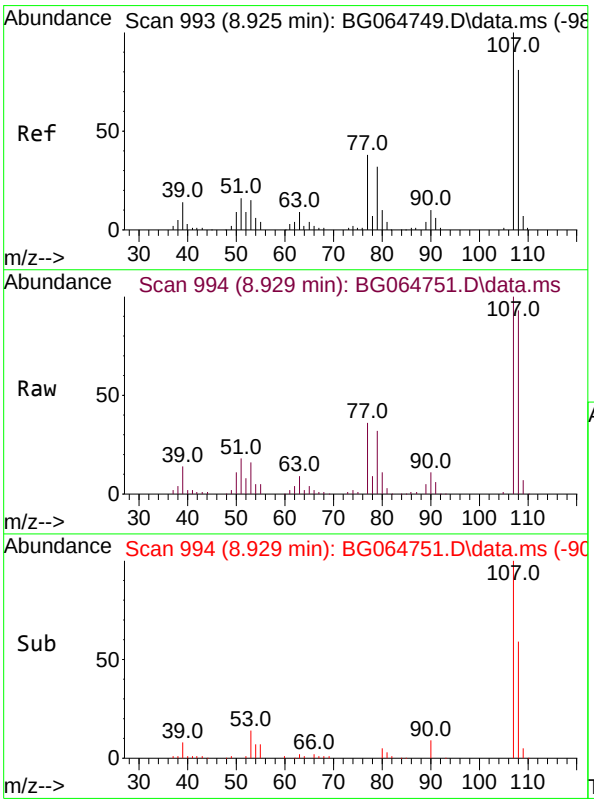
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 78.4 | 62.6 | 93.8 |
| 101 | 10.5 | 8.0 | 12.0 |
| 130 | 20.5 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

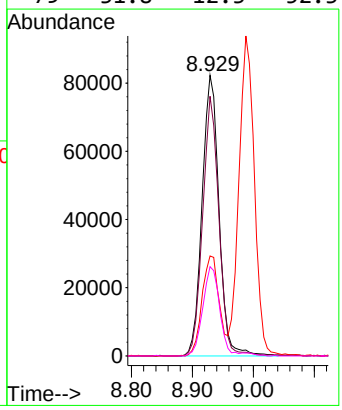
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

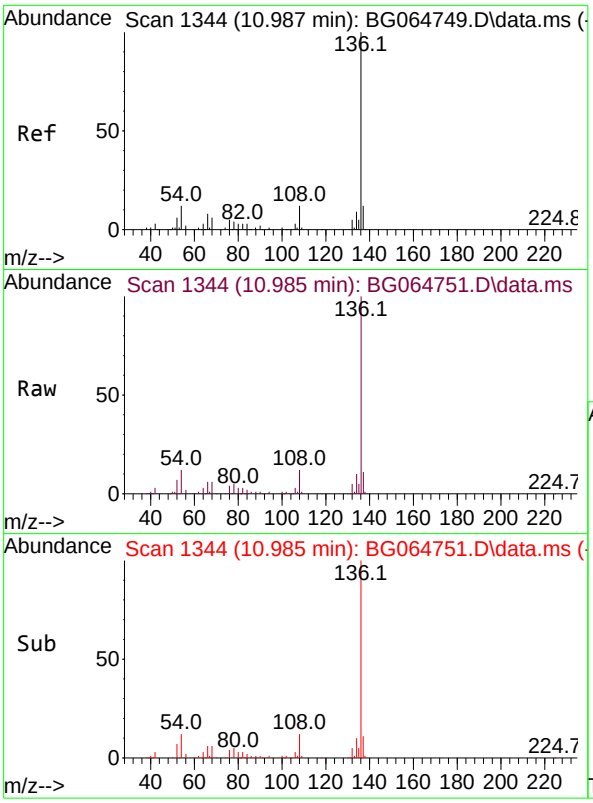



#20
3+4-Methylphenols
Concen: 59.841 ng
RT: 8.929 min Scan# 994
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:107 Resp: 158700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 92.5 | 61.0 | 101.0 |
| 77 | 35.6 | 17.6 | 57.6 |
| 79 | 31.8 | 12.3 | 52.3 |

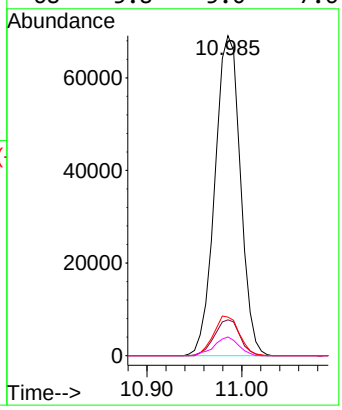





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:136 Resp: 12901

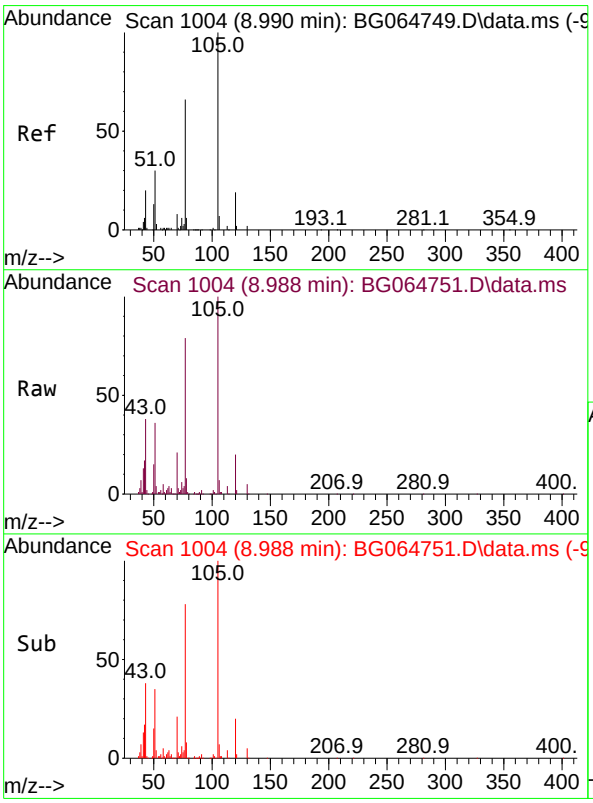
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.3 | 13.9 |
| 54 | 12.1 | 9.3 | 13.9 |
| 68 | 5.8 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

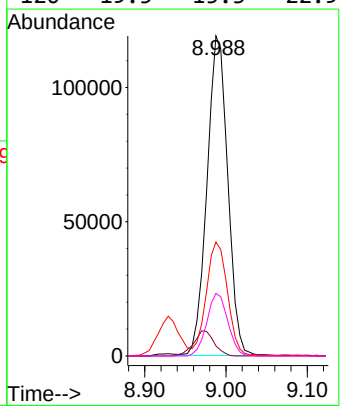
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

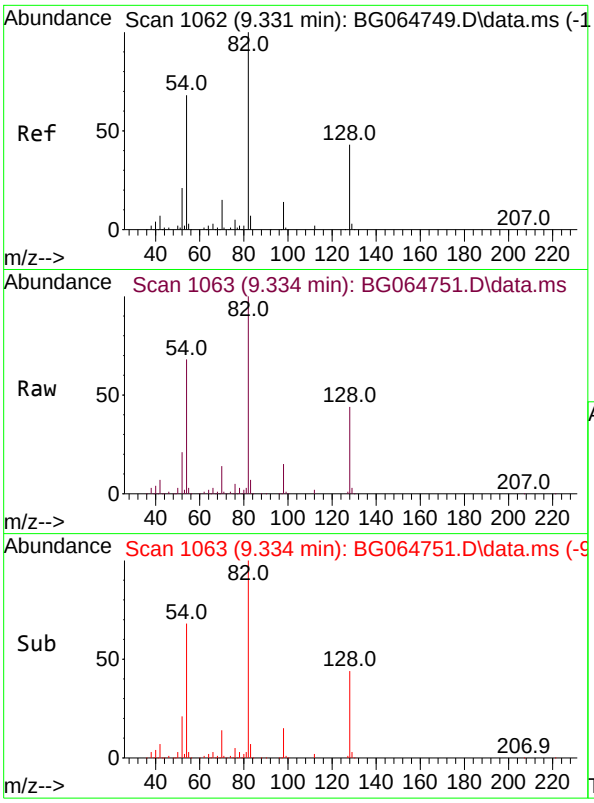



#22
Acetophenone
Concen: 60.179 ng
RT: 8.988 min Scan# 1004
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:105 Resp: 211524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.1 | 1.3 | 1.9# |
| 51 | 35.5 | 27.9 | 41.9 |
| 120 | 19.5 | 15.3 | 22.9 |

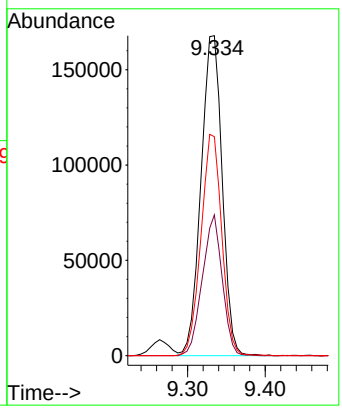





#23
Nitrobenzene-d5
Concen: 121.869 ng
RT: 9.334 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 82 Resp: 31800

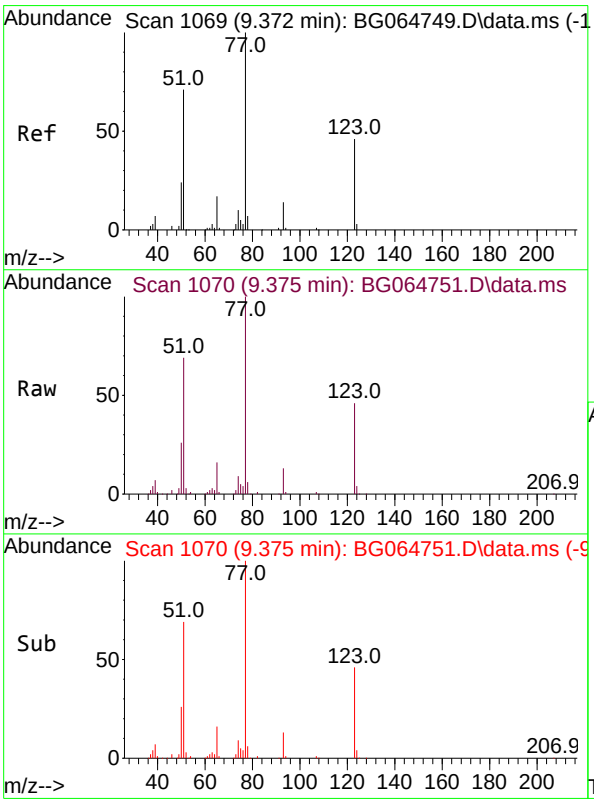
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.0 | 34.1 | 51.1 |
| 54 | 68.4 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

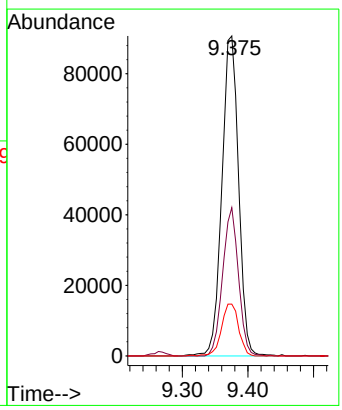
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

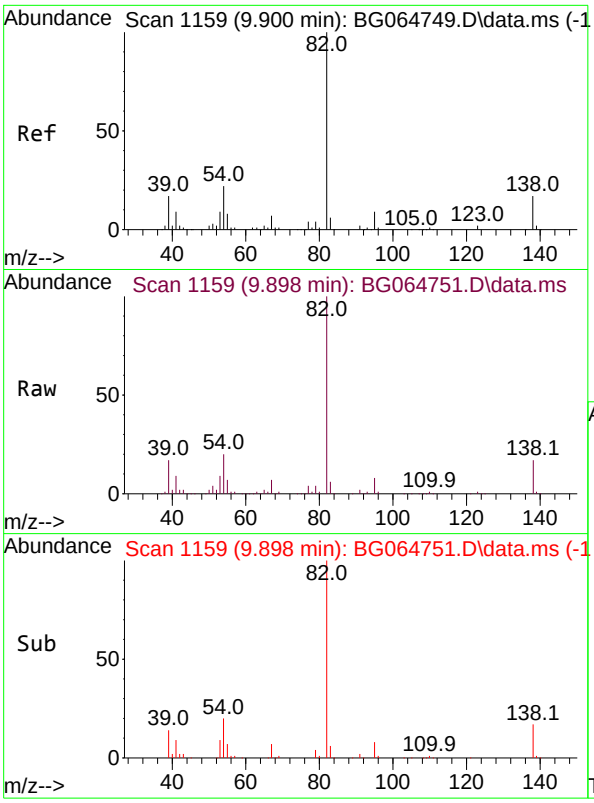



#24
Nitrobenzene
Concen: 60.949 ng
RT: 9.375 min Scan# 1070
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 77 Resp: 160696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.3 | 36.5 | 54.7 |
| 65 | 16.2 | 13.5 | 20.3 |

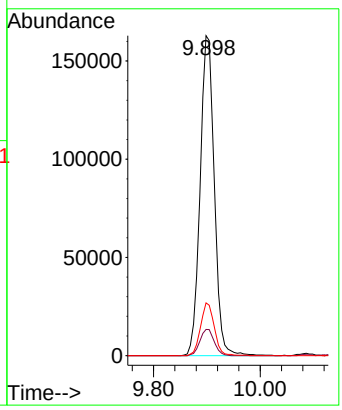





#25
Isophorone
Concen: 60.543 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 82 Resp: 300843

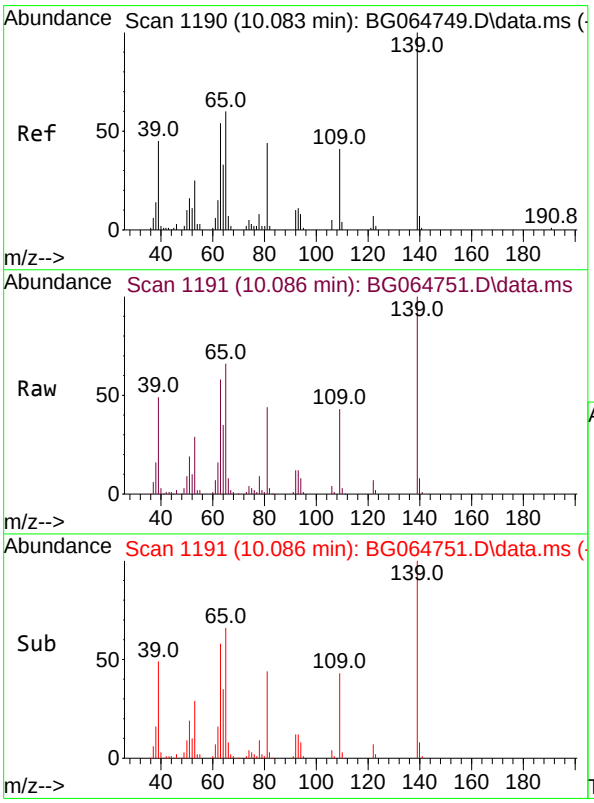
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.2 | 6.9 | 10.3 |
| 138 | 16.5 | 13.9 | 20.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

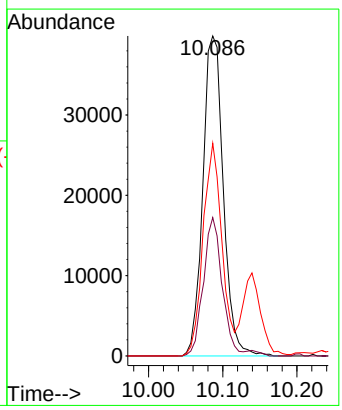
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

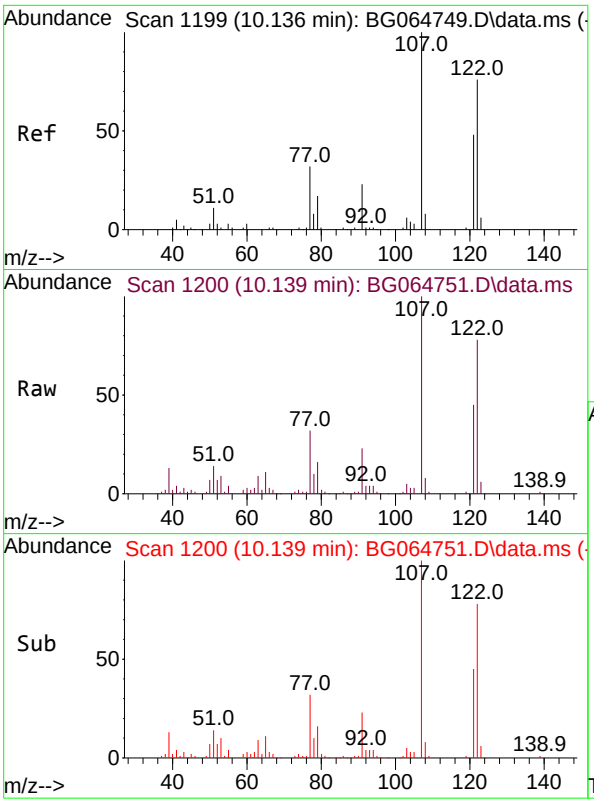



#26
2-Nitrophenol
Concen: 64.325 ng
RT: 10.086 min Scan# 1191
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:139 Resp: 76283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 43.2 | 32.5 | 48.7 |
| 65 | 66.4 | 47.6 | 71.4 |

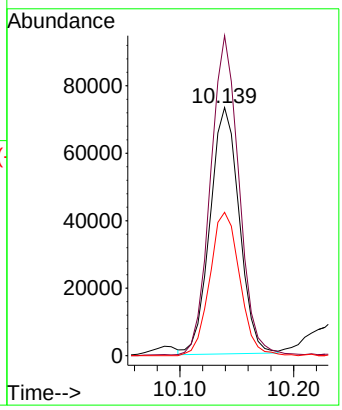





#27
2,4-Dimethylphenol
Concen: 61.791 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:122 Resp: 13018

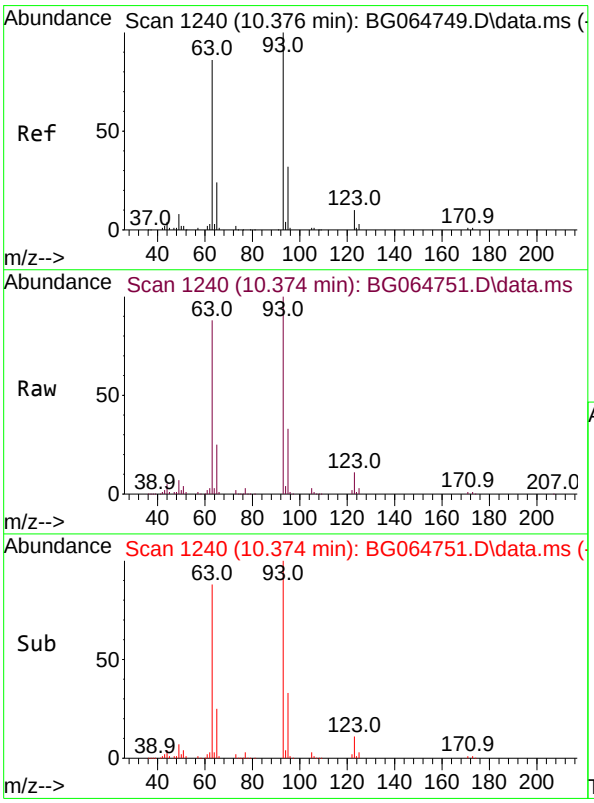
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 128.9 | 102.5 | 153.7 |
| 121 | 57.7 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

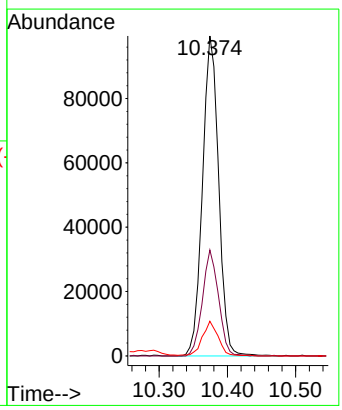
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

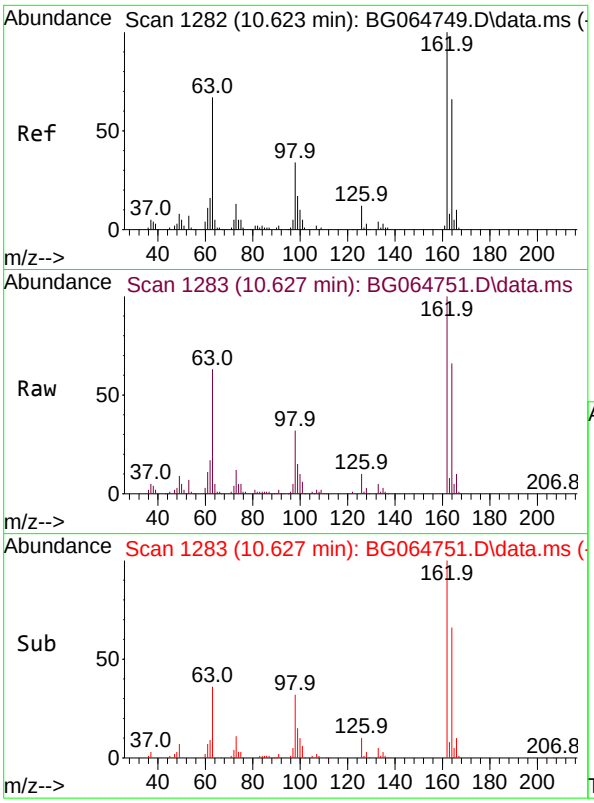



#28
bis(2-Chloroethoxy)methane
Concen: 60.037 ng
RT: 10.374 min Scan# 1240
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 93 Resp: 163781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.1 | 25.4 | 38.2 |
| 123 | 10.8 | 8.1 | 12.1 |






#29
2,4-Dichlorophenol
Concen: 62.500 ng
RT: 10.627 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

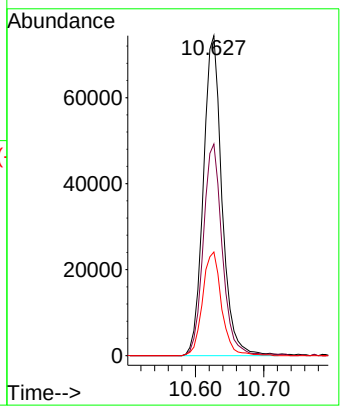
**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

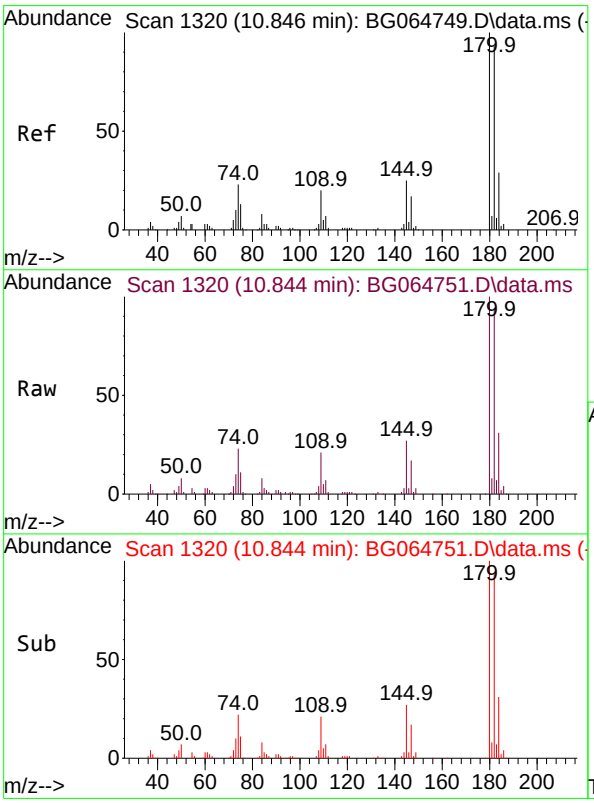
Tgt Ion:162 Resp: 14137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.1 | 46.0 | 86.0 |
| 98 | 32.4 | 14.2 | 54.2 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

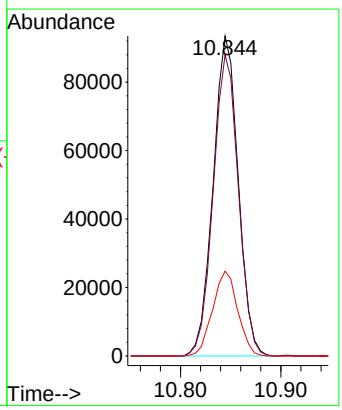


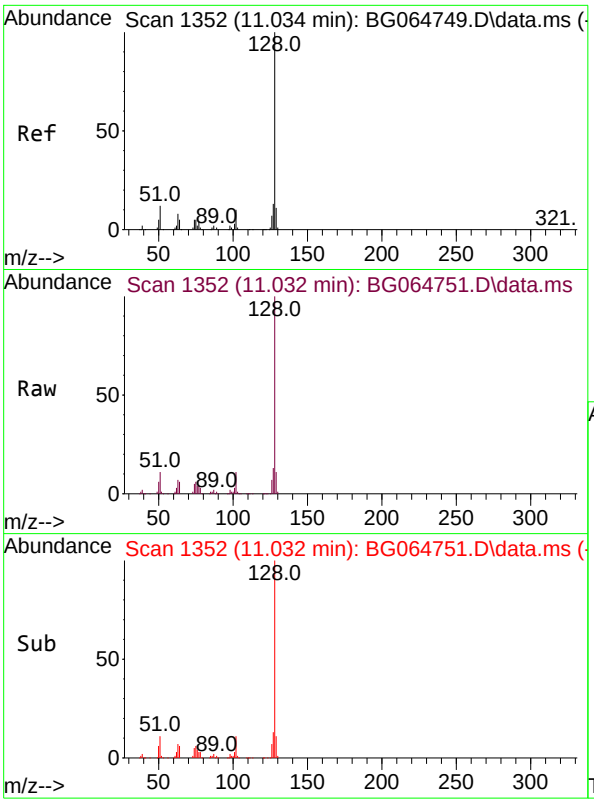




#30
1,2,4-Trichlorobenzene
Concen: 59.307 ng
RT: 10.844 min Scan# 1320
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:180 Resp: 161988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 74.2 | 111.4 |
| 145 | 26.5 | 20.0 | 30.0 |

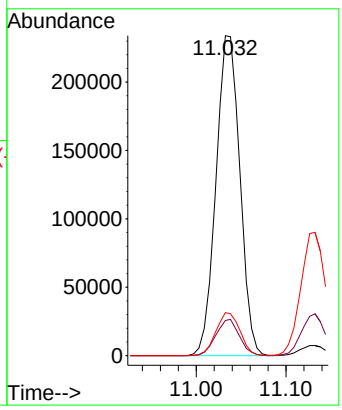





#31
Naphthalene
Concen: 59.254 ng
RT: 11.032 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:128 Resp: 43336

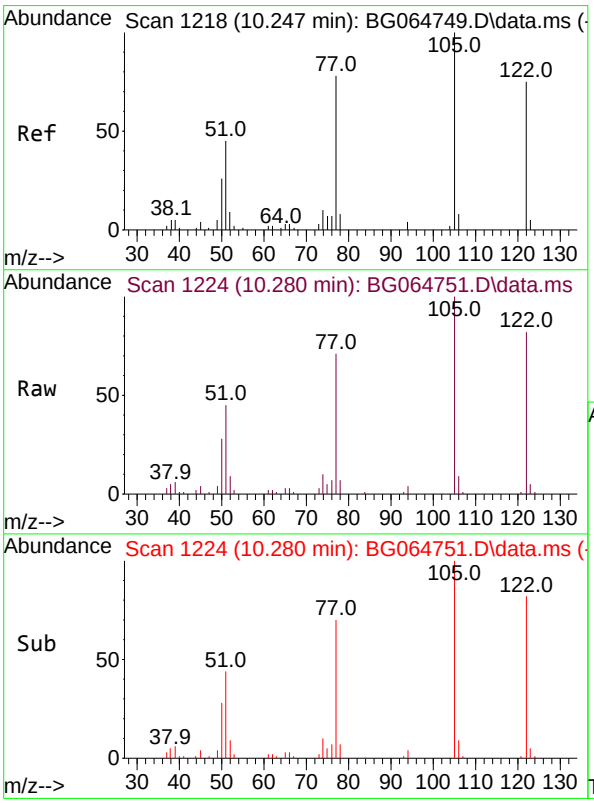
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.6 | 12.8 |
| 127 | 13.4 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

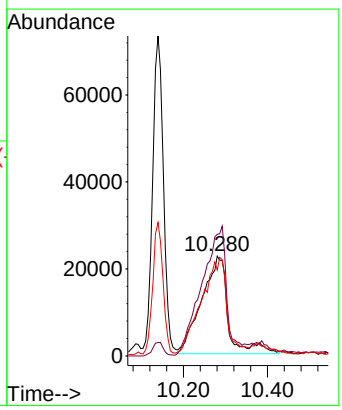
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

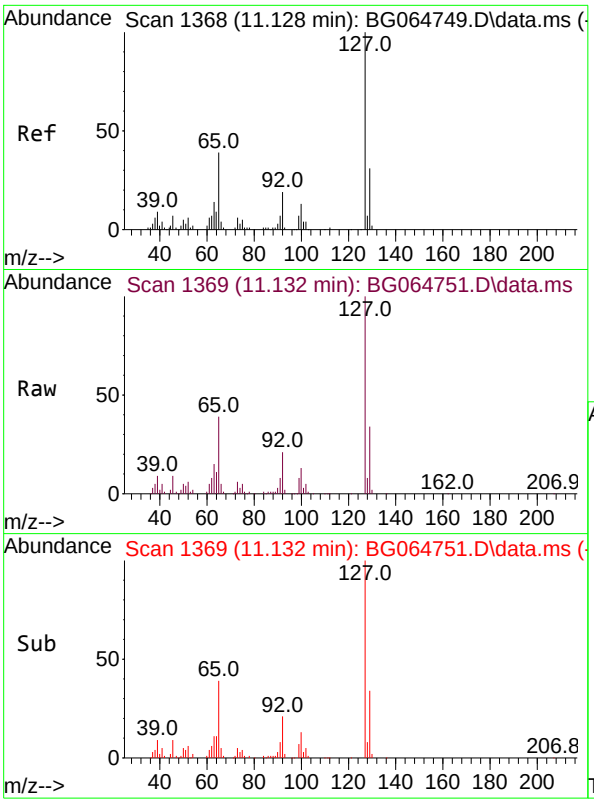



#32
Benzoic acid
Concen: 64.105 ng m
RT: 10.280 min Scan# 1224
Delta R.T. 0.033 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:122 Resp: 98796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.0 | 107.6 | 147.6 |
| 77 | 86.1 | 82.5 | 122.5 |

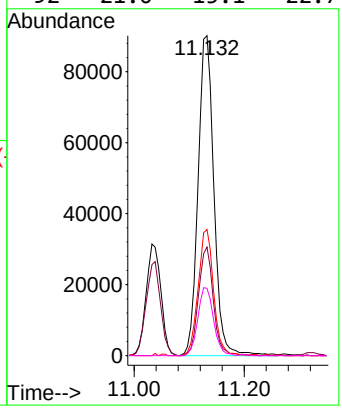





#33
4-Chloroaniline
Concen: 61.662 ng
RT: 11.132 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:127 Resp: 180399

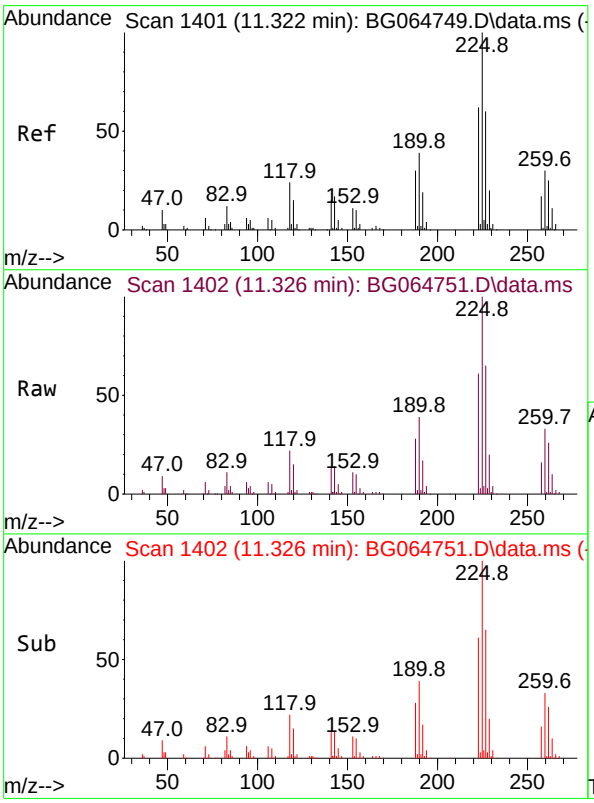
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.9 | 24.9 | 37.3 |
| 65 | 39.4 | 30.9 | 46.3 |
| 92 | 21.0 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

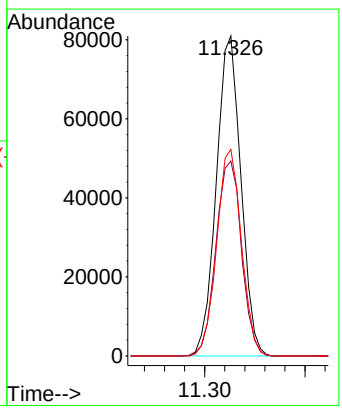
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

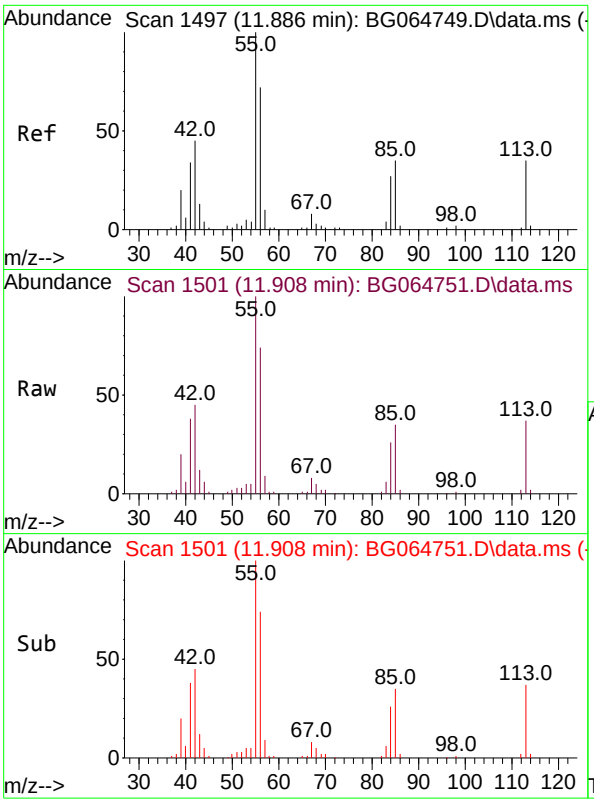



#34
Hexachlorobutadiene
Concen: 58.901 ng
RT: 11.326 min Scan# 1402
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:225 Resp: 138036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 58.6 | 49.9 | 74.9 |
| 227 | 62.1 | 50.6 | 75.8 |






#35
Caprolactam
Concen: 61.260 ng
RT: 11.908 min Scan# 1
Delta R.T. 0.021 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

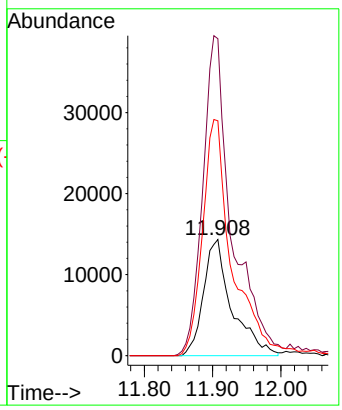
Tgt Ion:113 Resp: 4140

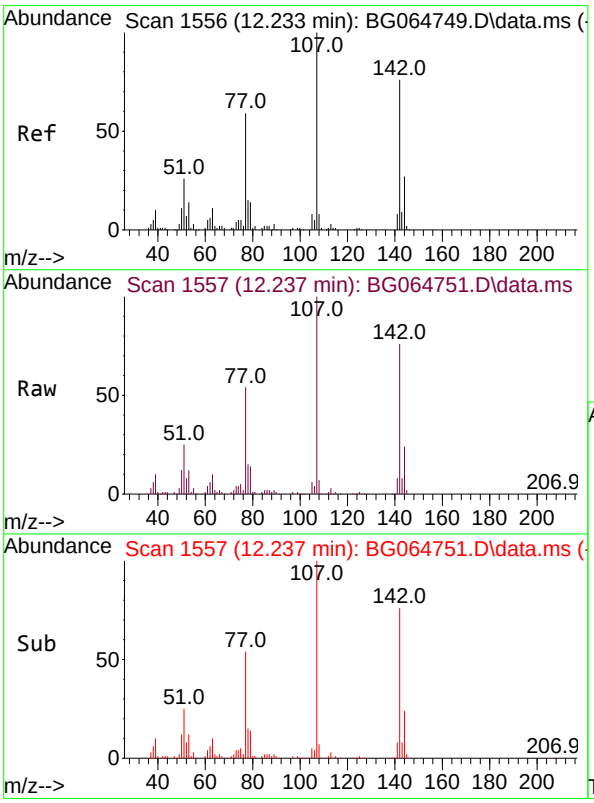
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 273.1 | 263.7 | 303.7 |
| 56 | 202.3 | 184.0 | 224.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

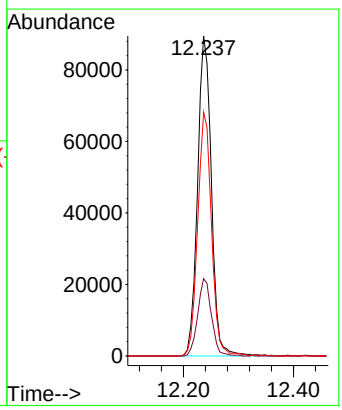


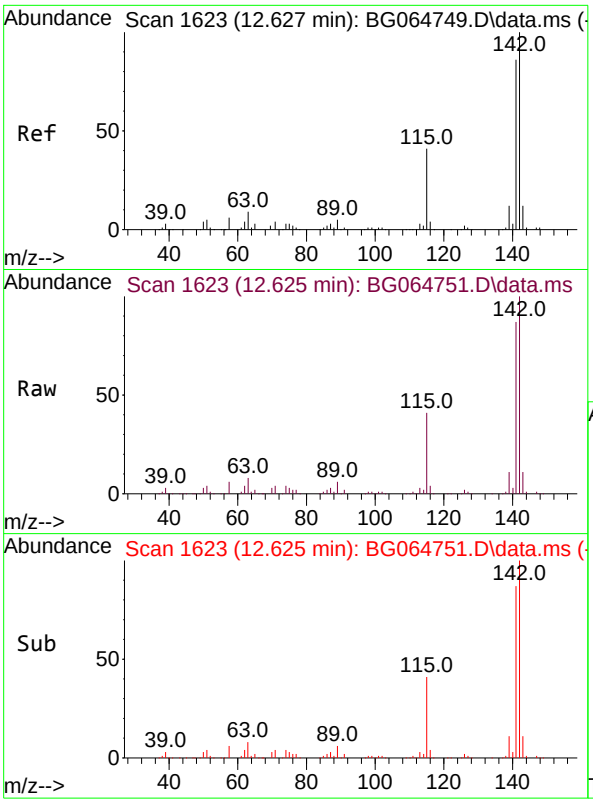




#36
4-Chloro-3-methylphenol
Concen: 61.757 ng
RT: 12.237 min Scan# 1557
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:107 Resp: 155480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.1 | 21.7 | 32.5 |
| 142 | 76.2 | 60.8 | 91.2 |

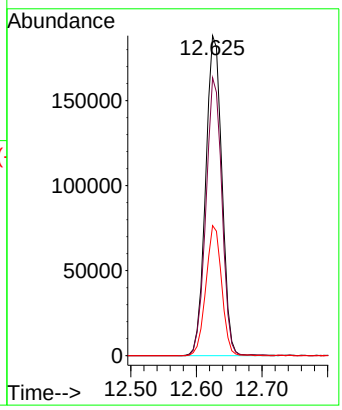





#37
2-Methylnaphthalene
Concen: 59.046 ng
RT: 12.625 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:142 Resp: 32316

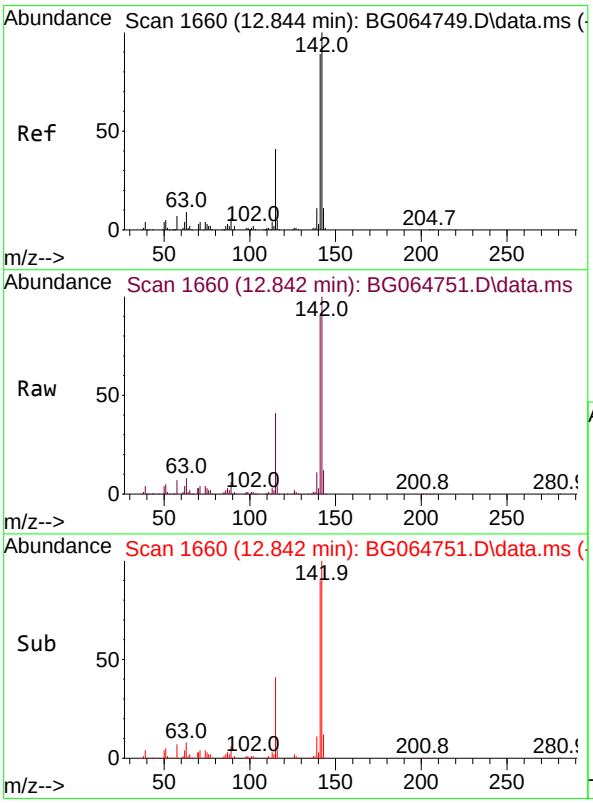
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.8 | 69.1 | 103.7 |
| 115 | 40.6 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

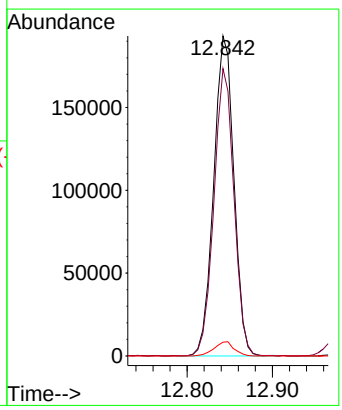
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

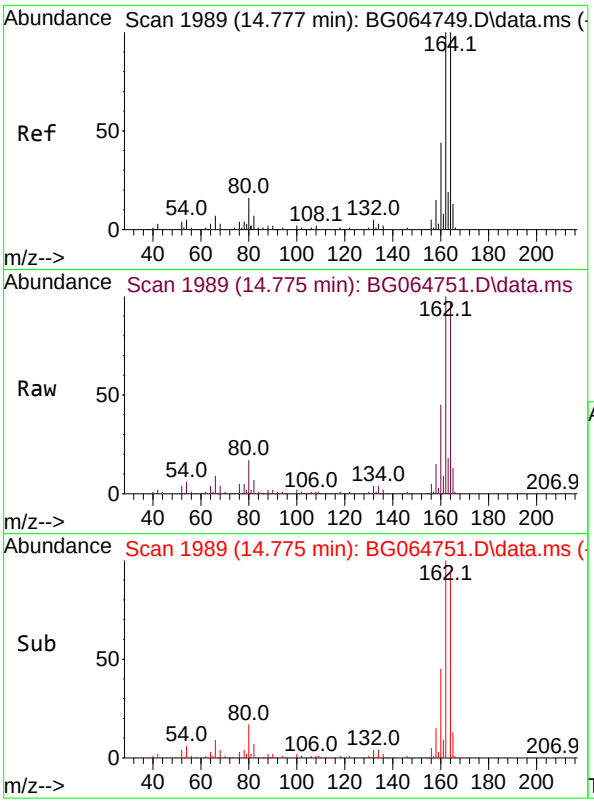



#38
1-Methylnaphthalene
Concen: 58.353 ng
RT: 12.842 min Scan# 1660
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:142 Resp: 317238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.8 | 70.8 | 106.2 |
| 116 | 4.3 | 3.7 | 5.5 |

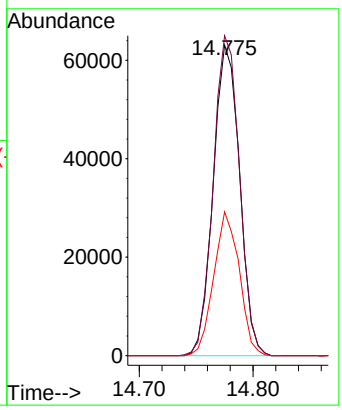





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 19
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:164 Resp: 101714

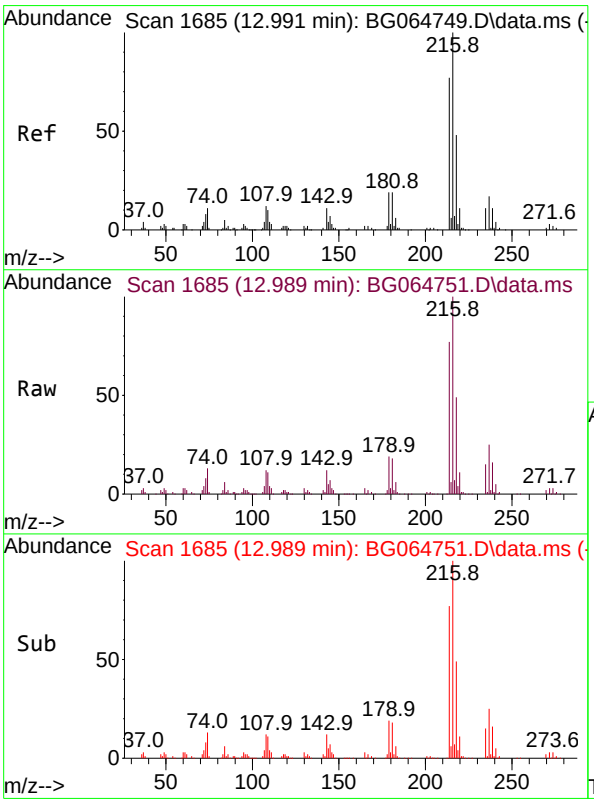
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.0 | 79.8 | 119.6 |
| 160 | 46.3 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

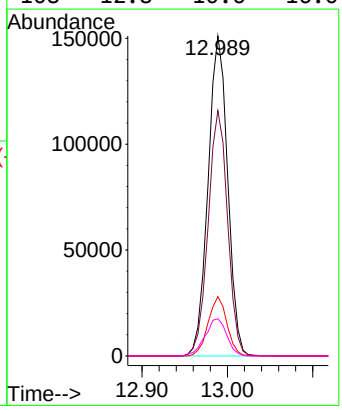
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

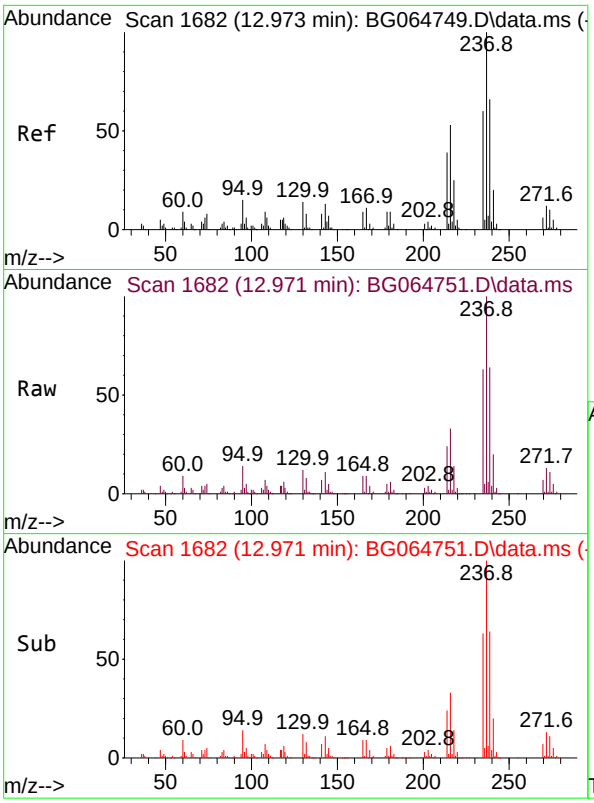



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.852 ng
RT: 12.989 min Scan# 1685
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:216 Resp: 240877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 75.9 | 60.5 | 90.7 |
| 179 | 17.8 | 14.7 | 22.1 |
| 108 | 12.8 | 10.6 | 16.0 |

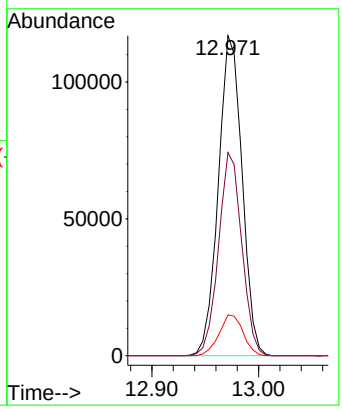





#41
Hexachlorocyclopentadiene
Concen: 63.670 ng
RT: 12.971 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:237 Resp: 18065

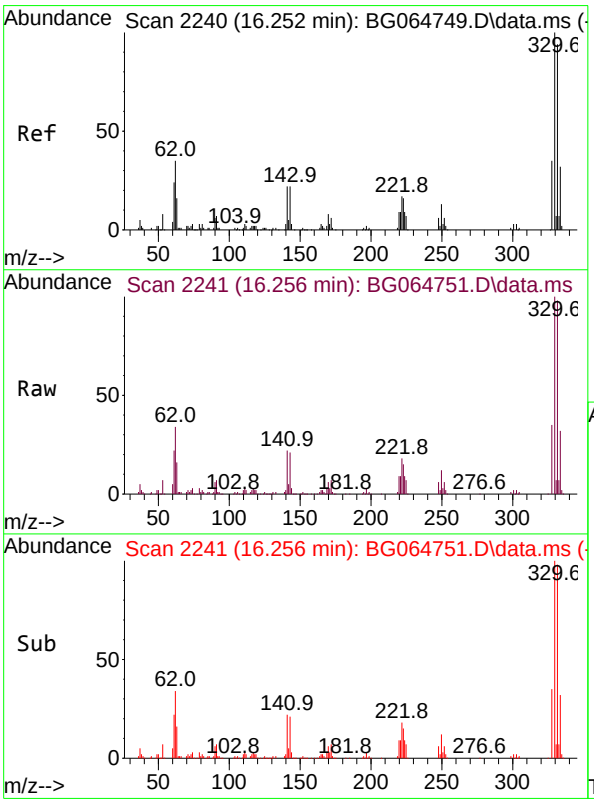
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 40.2 | 80.2 |
| 272 | 12.7 | 0.0 | 31.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

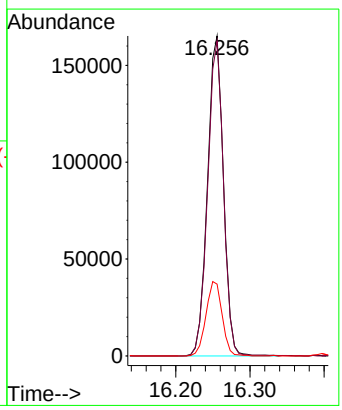
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

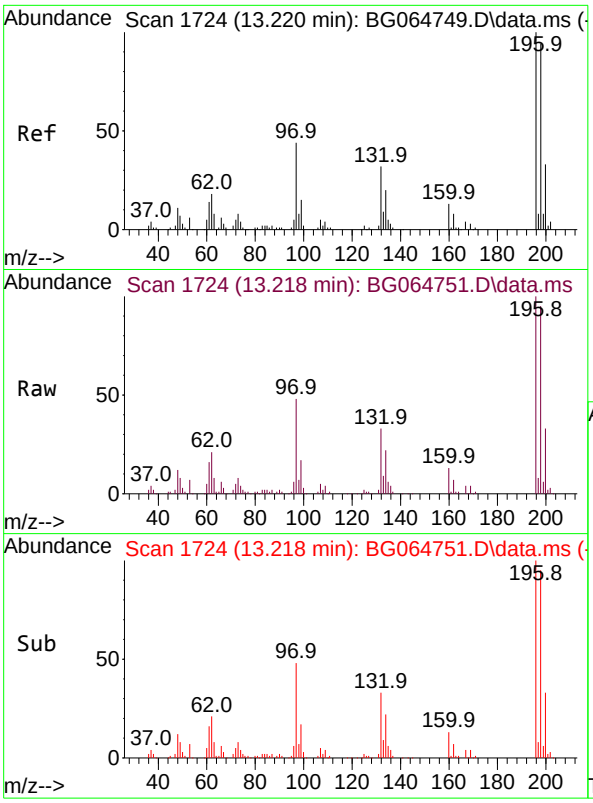



#42
2,4,6-Tribromophenol
Concen: 123.984 ng
RT: 16.256 min Scan# 2241
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:330 Resp: 245951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 77.0 | 115.6 |
| 141 | 23.5 | 18.2 | 27.2 |

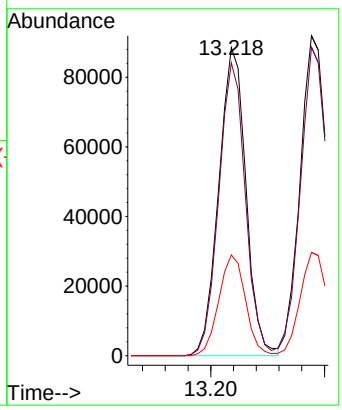





#43
2,4,6-Trichlorophenol
Concen: 63.209 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:196 Resp: 14685

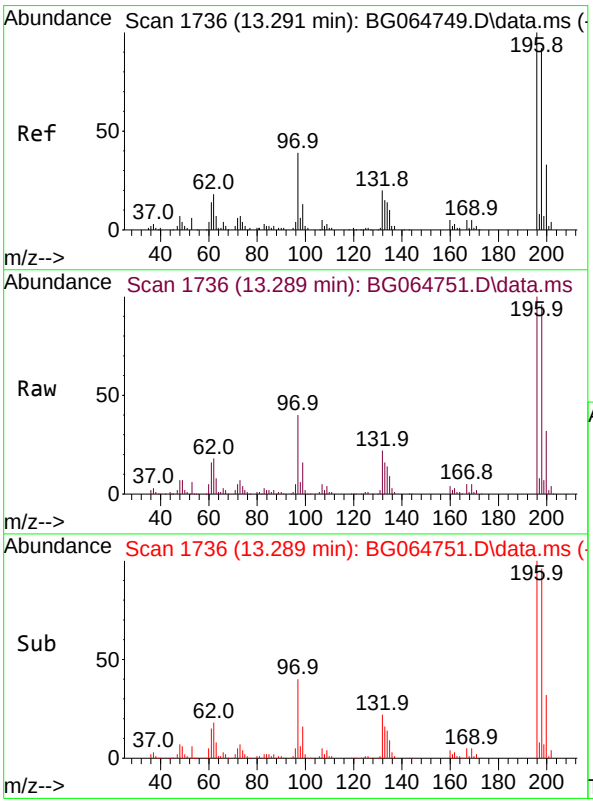
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 75.3 | 112.9 |
| 200 | 32.7 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

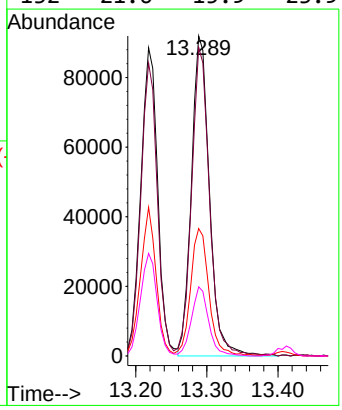
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

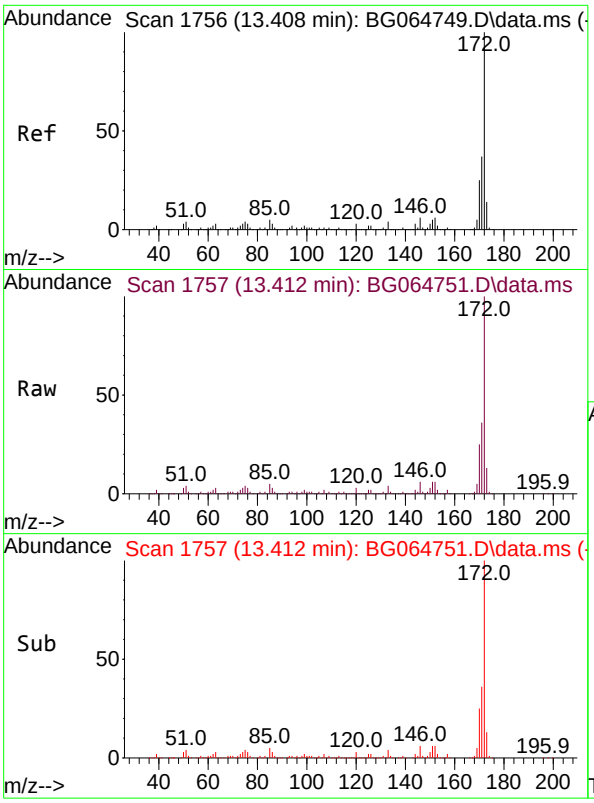



#44
2,4,5-Trichlorophenol
Concen: 62.163 ng
RT: 13.289 min Scan# 1736
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:196 Resp: 161978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.4 | 73.2 | 109.8 |
| 97 | 39.8 | 31.4 | 47.0 |
| 132 | 21.6 | 15.9 | 23.9 |

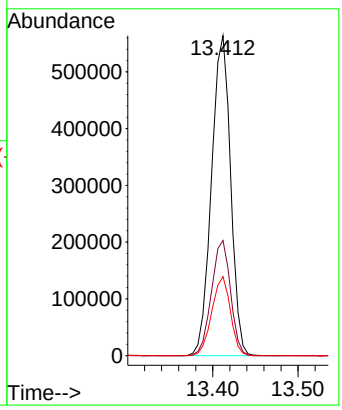





#45
2-Fluorobiphenyl
Concen: 120.069 ng
RT: 13.412 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:172 Resp: 87524

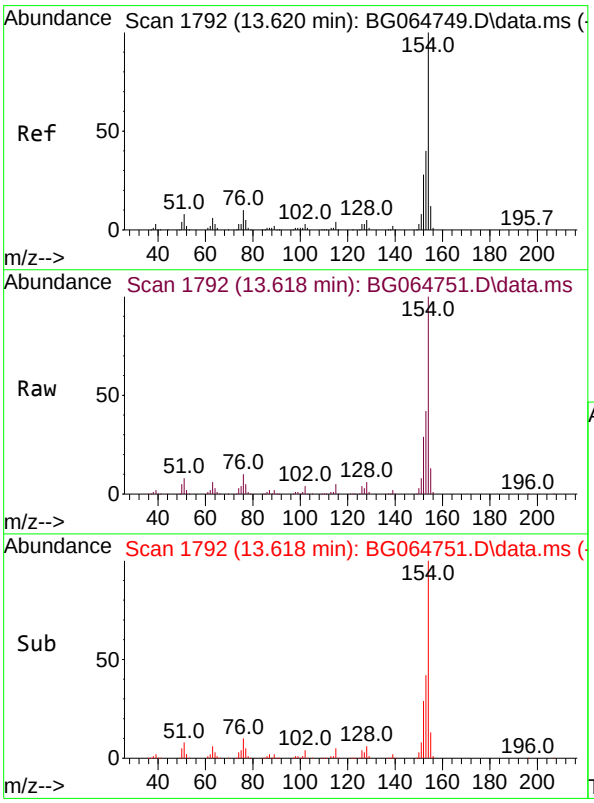
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.9 | 44.9 |
| 170 | 24.7 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

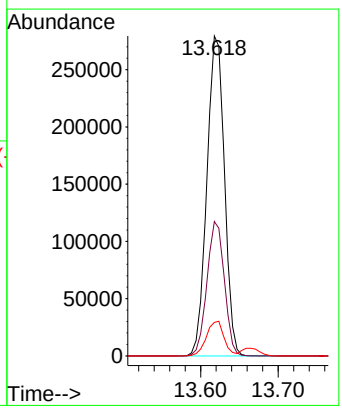
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

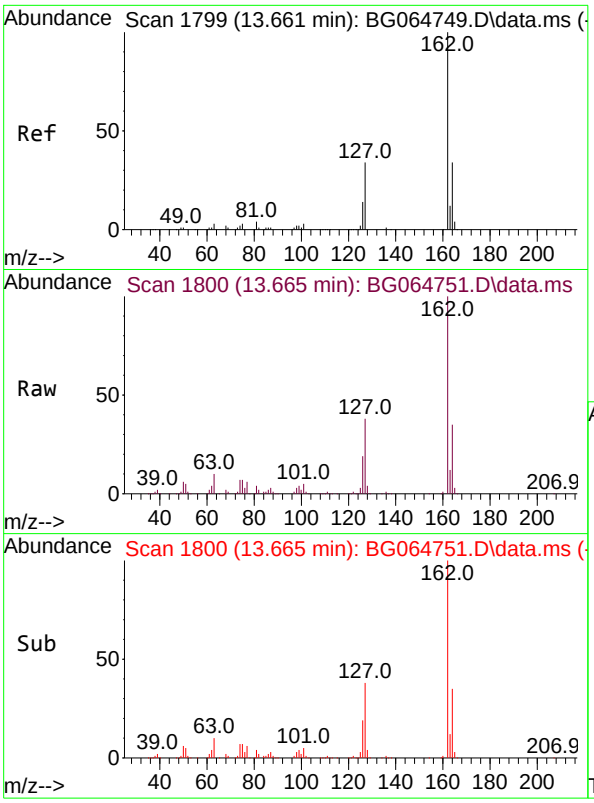



#46
1,1'-Biphenyl
Concen: 60.188 ng
RT: 13.618 min Scan# 1792
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:154 Resp: 439700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.0 | 19.8 | 59.8 |
| 76 | 10.5 | 0.0 | 30.0 |

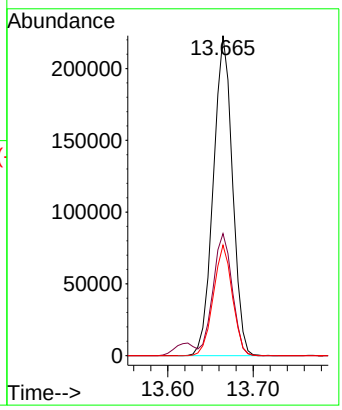





#47
2-Chloronaphthalene
Concen: 60.317 ng
RT: 13.665 min Scan# 18
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:162 Resp: 34715

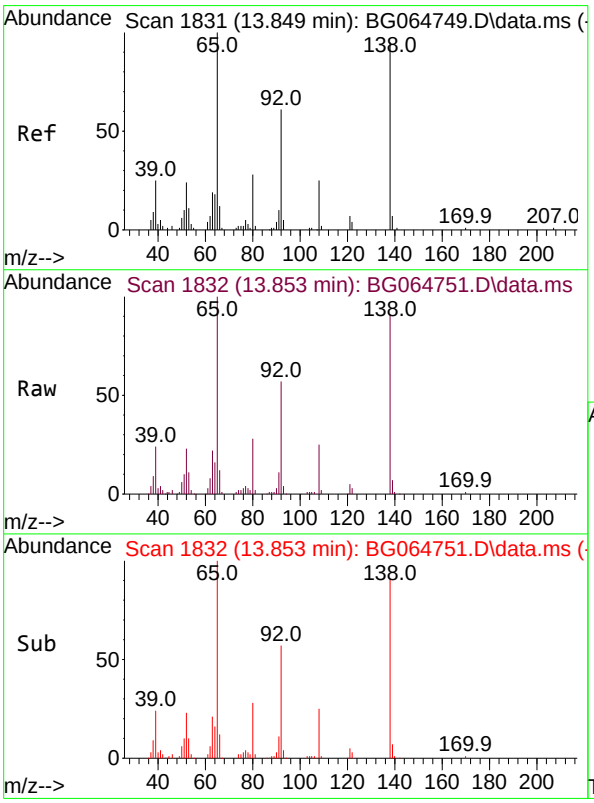
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.1 | 30.3 | 45.5 |
| 164 | 34.5 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

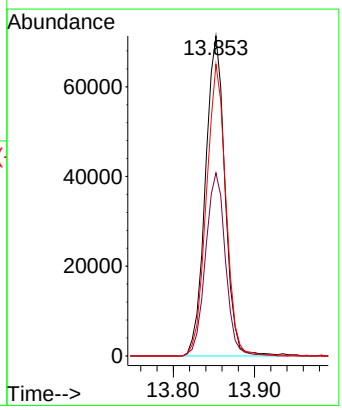
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

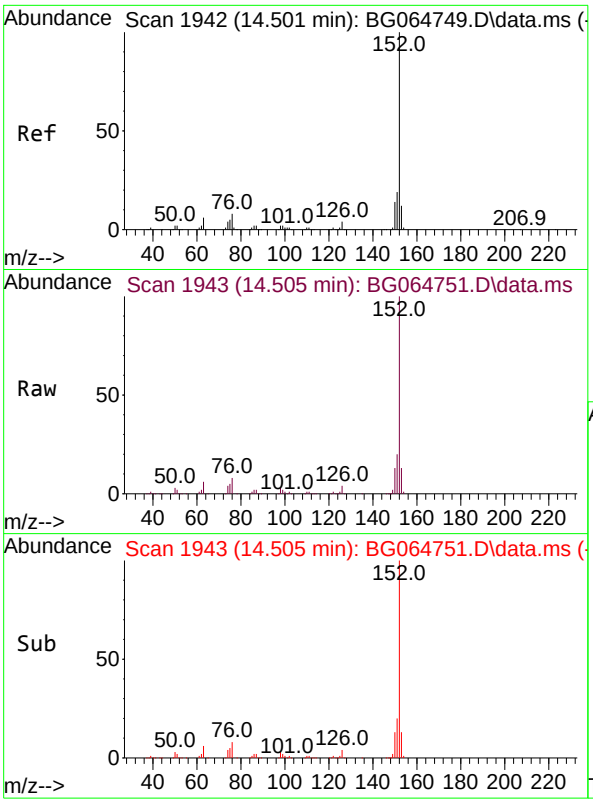



#48
2-Nitroaniline
Concen: 64.470 ng
RT: 13.853 min Scan# 1832
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 65 Resp: 119346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 57.2 | 48.6 | 73.0 |
| 138 | 91.1 | 76.4 | 114.6 |

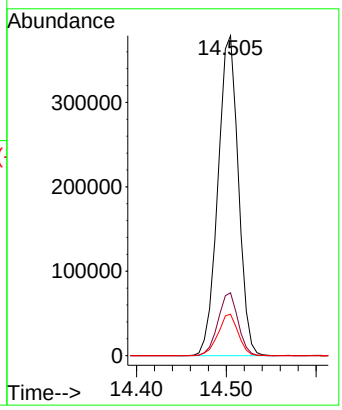





#49
Acenaphthylene
Concen: 61.036 ng
RT: 14.505 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:152 Resp: 60014

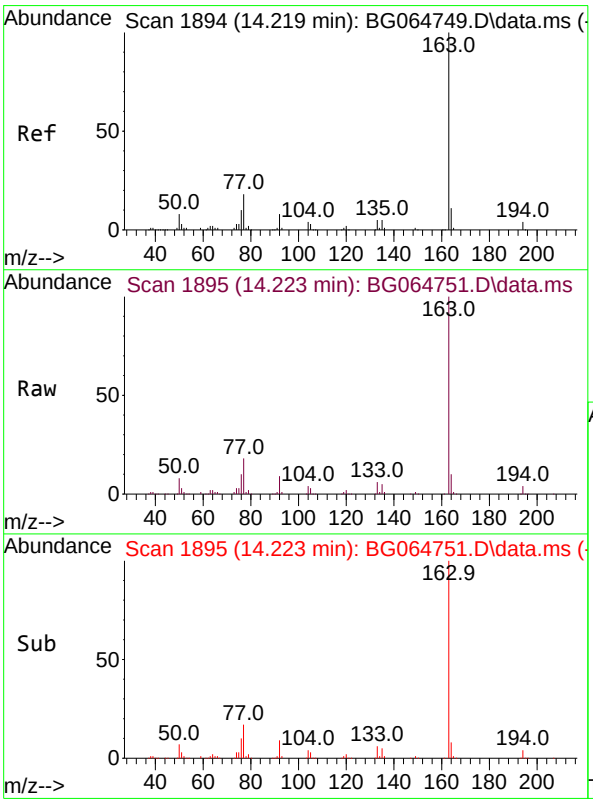
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.0 | 22.4 |
| 153 | 12.9 | 9.9 | 14.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

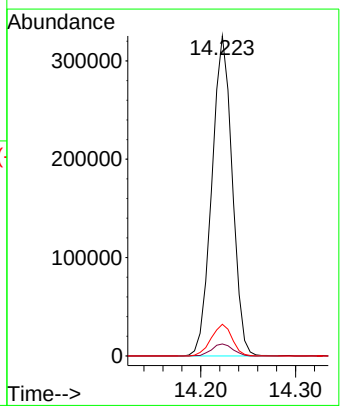
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

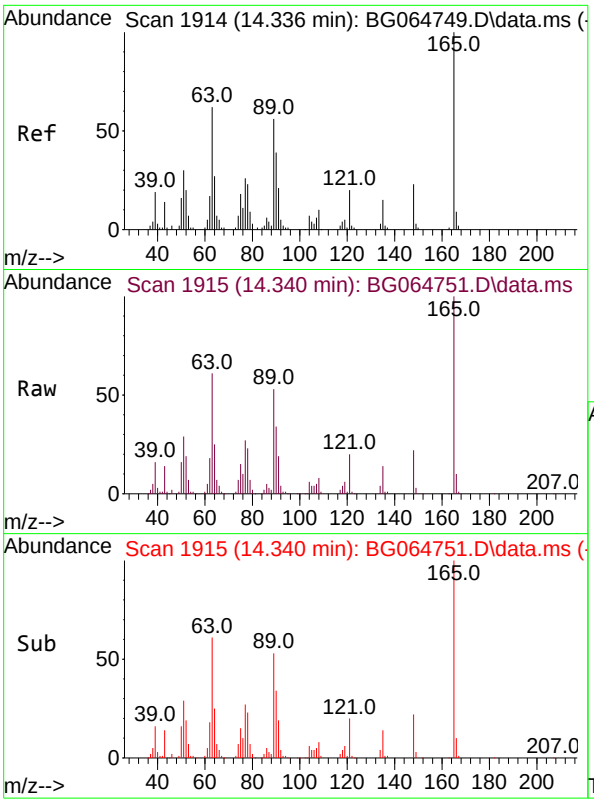



#50
Dimethylphthalate
Concen: 60.458 ng
RT: 14.223 min Scan# 1895
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:163 Resp: 485762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.1 | 4.7 |
| 164 | 9.9 | 8.6 | 12.8 |

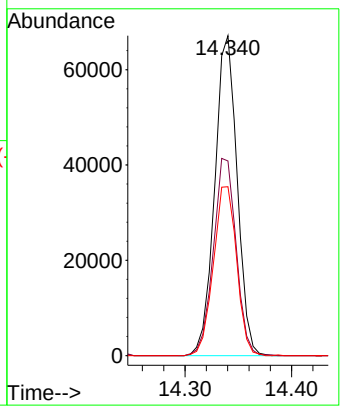





#51
2,6-Dinitrotoluene
Concen: 63.495 ng
RT: 14.340 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:165 Resp: 9816

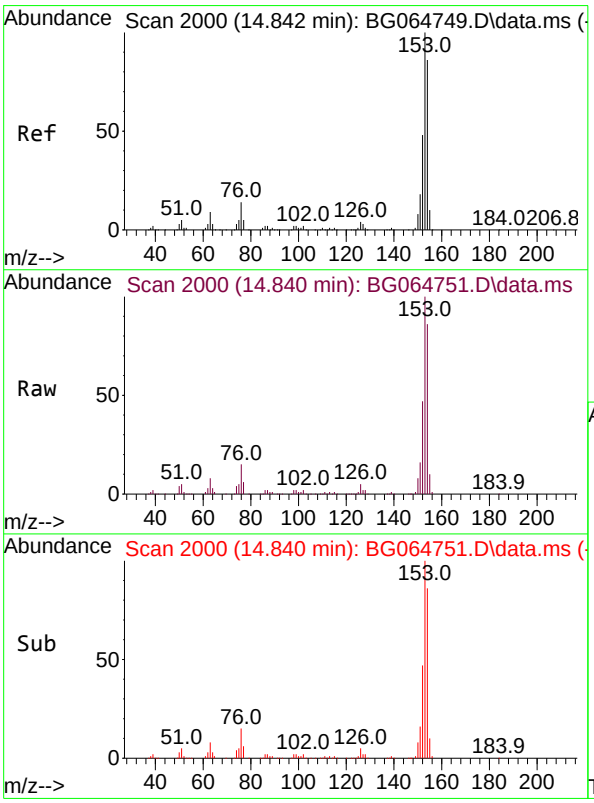
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.9 | 49.8 | 74.8 |
| 89 | 52.8 | 45.0 | 67.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

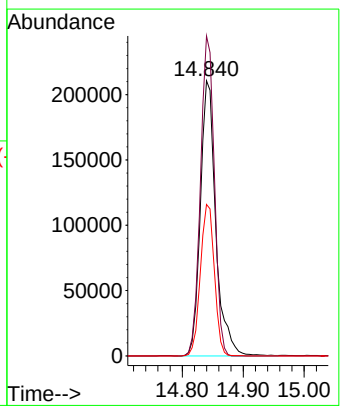
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

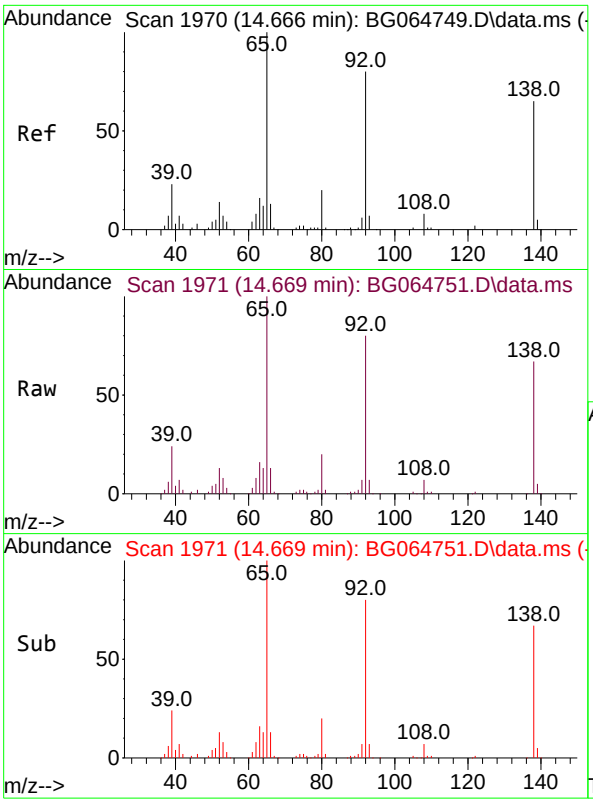



#52
Acenaphthene
Concen: 62.799 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:154 Resp: 370233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.3 | 93.0 | 139.4 |
| 152 | 55.0 | 44.4 | 66.6 |

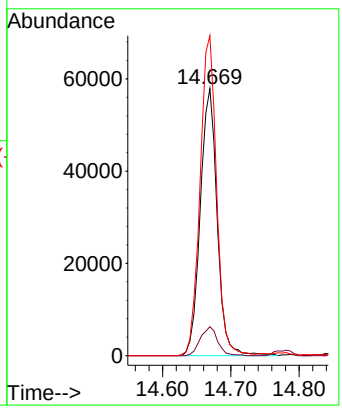





#53
3-Nitroaniline
Concen: 65.234 ng
RT: 14.669 min Scan# 19
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:138 Resp: 9954

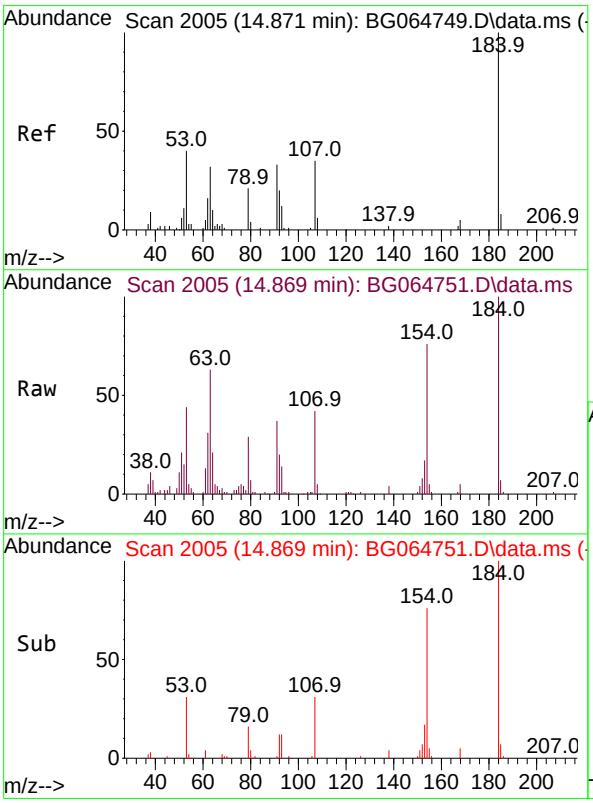
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.8 | 9.5 | 14.3 |
| 92 | 119.9 | 99.0 | 148.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

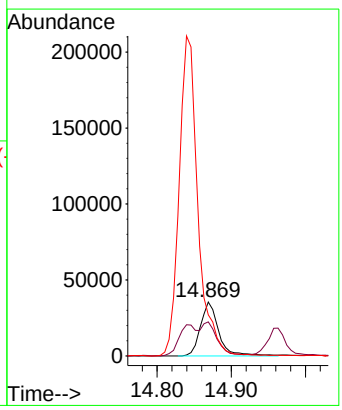
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

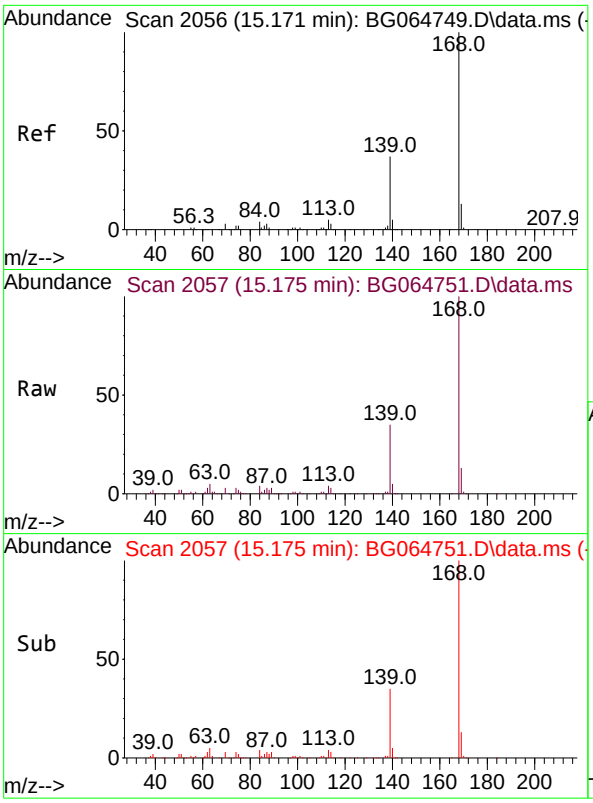



#54
2,4-Dinitrophenol
Concen: 59.432 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:184 Resp: 60324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 63.0 | 45.8 | 68.6 |
| 154 | 76.2 | 52.6 | 78.8 |

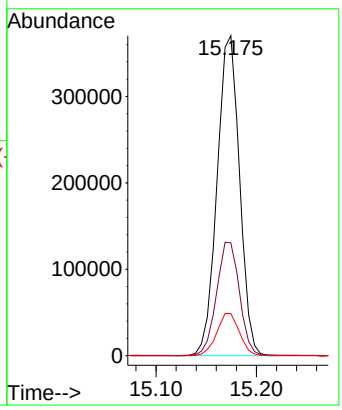





#55
Dibenzofuran
Concen: 59.147 ng
RT: 15.175 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:168 Resp: 57648

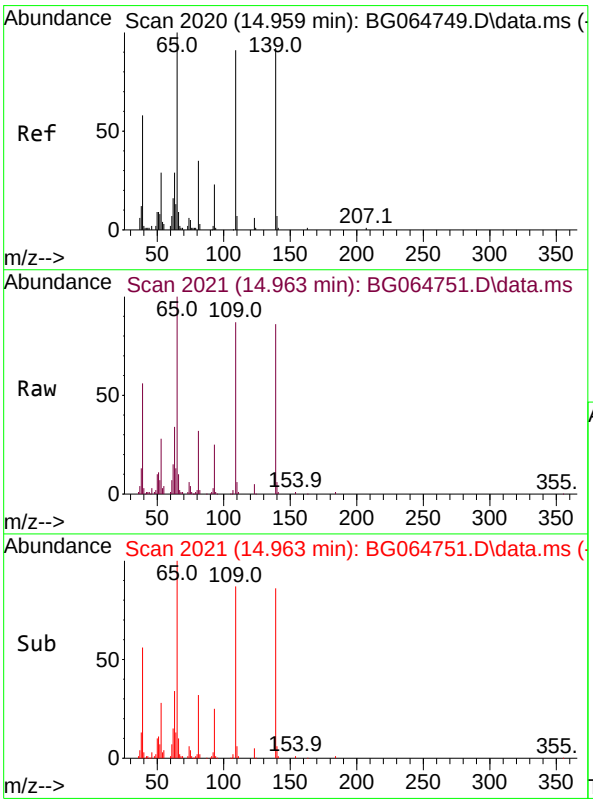
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.2 | 29.5 | 44.3 |
| 169 | 13.1 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

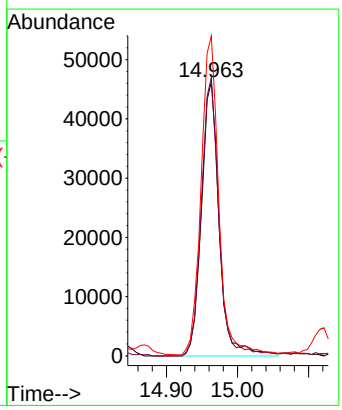
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

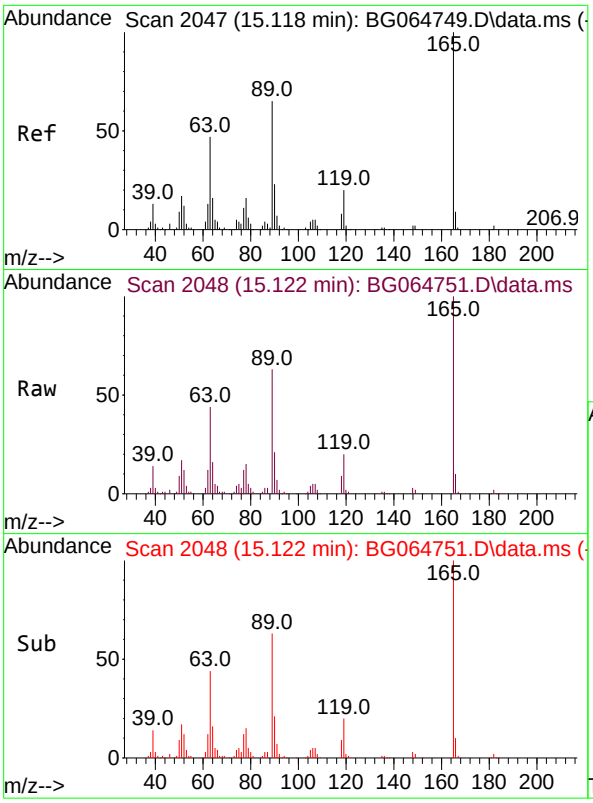



#56
4-Nitrophenol
Concen: 65.732 ng
RT: 14.963 min Scan# 2021
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:139 Resp: 79581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 101.6 | 79.7 | 119.7 |
| 65 | 116.8 | 89.9 | 129.9 |

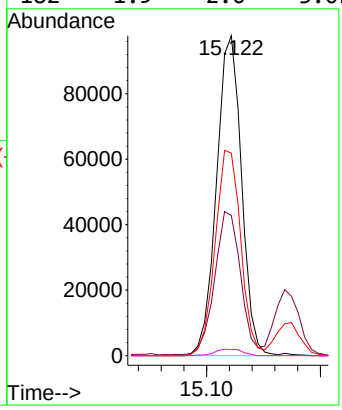





#57
2,4-Dinitrotoluene
Concen: 64.319 ng
RT: 15.122 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:165 Resp: 14908

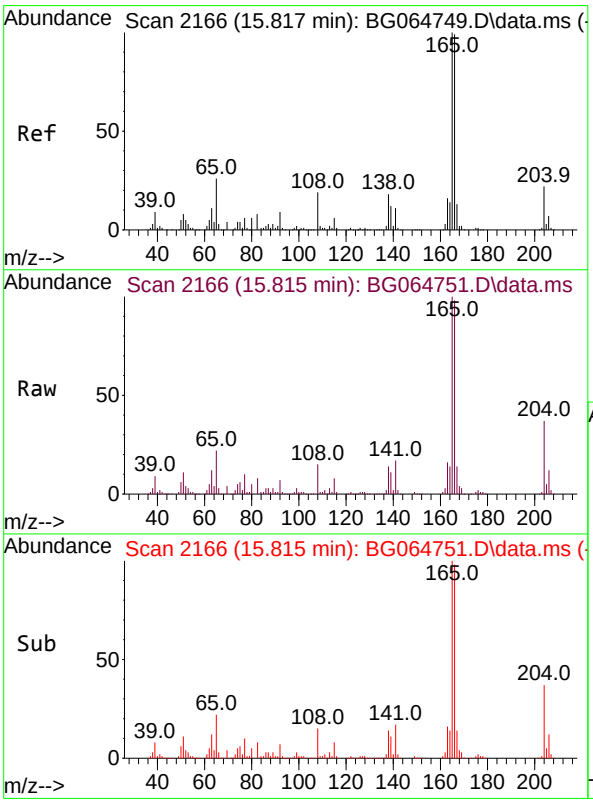
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.8 | 37.8 | 56.6 |
| 89 | 63.3 | 51.6 | 77.4 |
| 182 | 1.9 | 2.0 | 3.0# |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

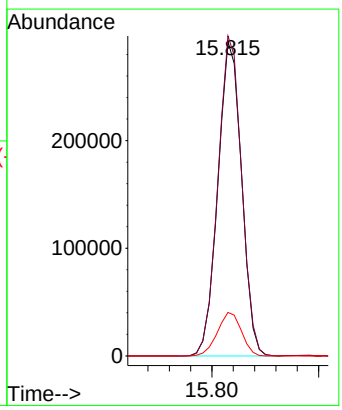
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

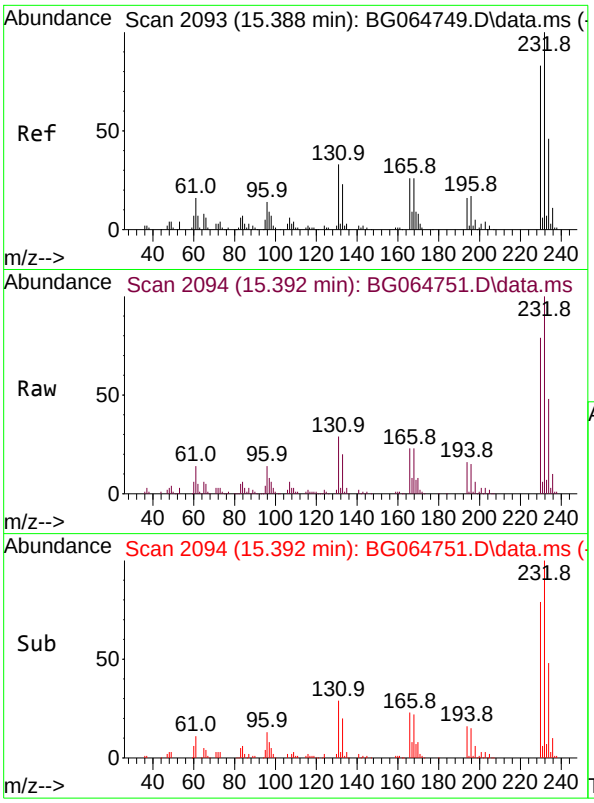



#58
Fluorene
Concen: 58.885 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:166 Resp: 450137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.8 | 80.5 | 120.7 |
| 167 | 13.8 | 10.3 | 15.5 |

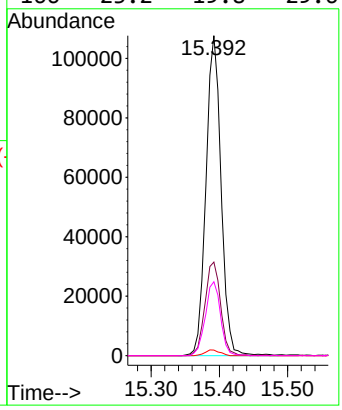





#59
2,3,4,6-Tetrachlorophenol
Concen: 64.473 ng
RT: 15.392 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:232 Resp: 16575

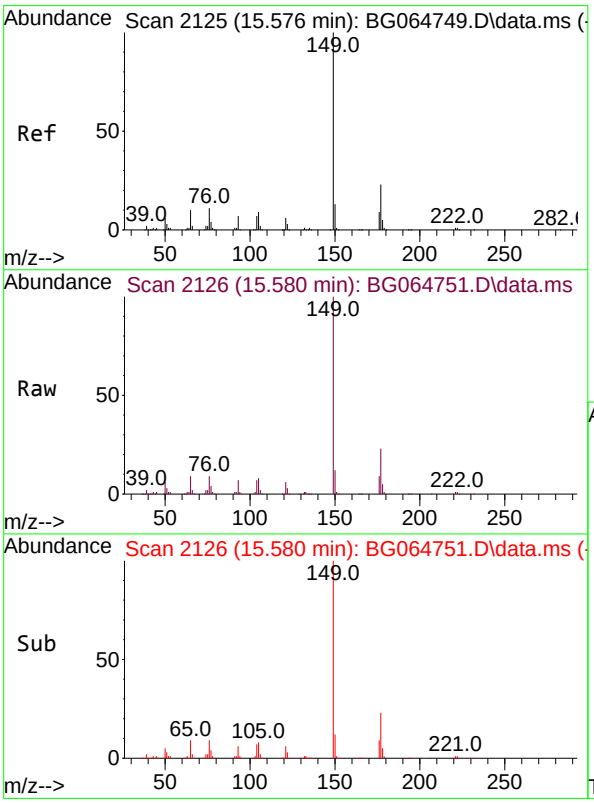
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 30.3 | 26.0 | 39.0 |
| 130 | 1.7 | 1.6 | 2.4 |
| 166 | 23.2 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

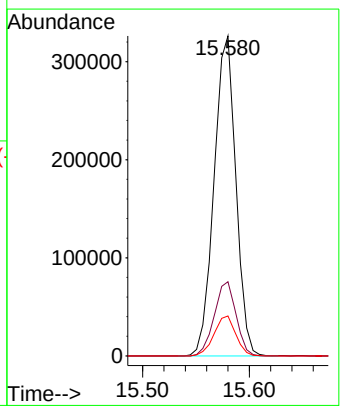
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

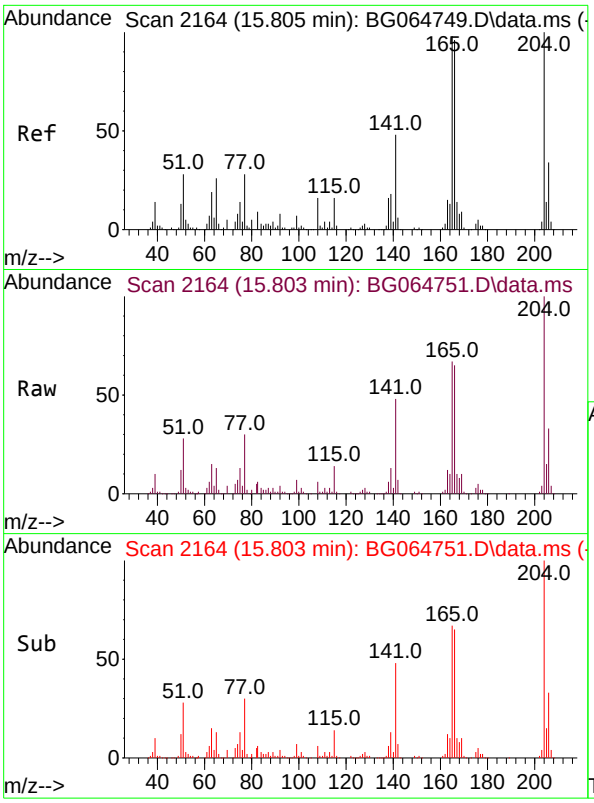



#60
Diethylphthalate
Concen: 60.243 ng
RT: 15.580 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:149 Resp: 463685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 18.4 | 27.6 |
| 150 | 12.5 | 10.1 | 15.1 |

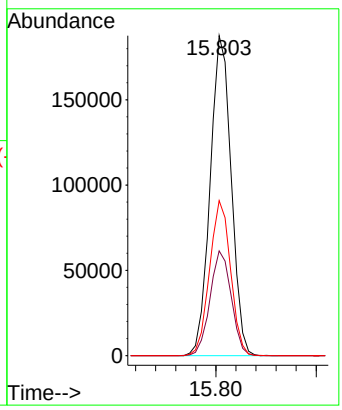





#61
4-Chlorophenyl-phenylether
Concen: 59.493 ng
RT: 15.803 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:204 Resp: 27293

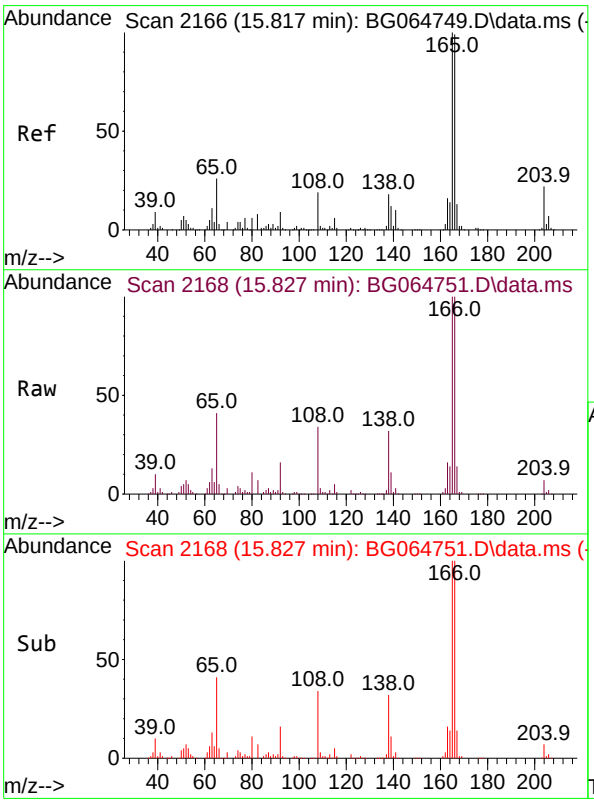
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.7 | 26.9 | 40.3 |
| 141 | 48.4 | 38.1 | 57.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

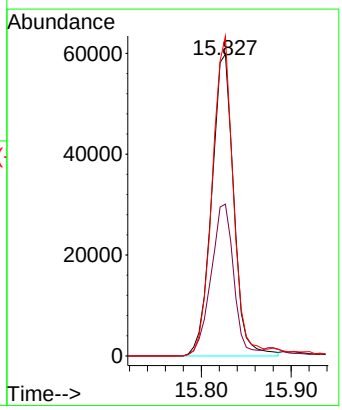
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

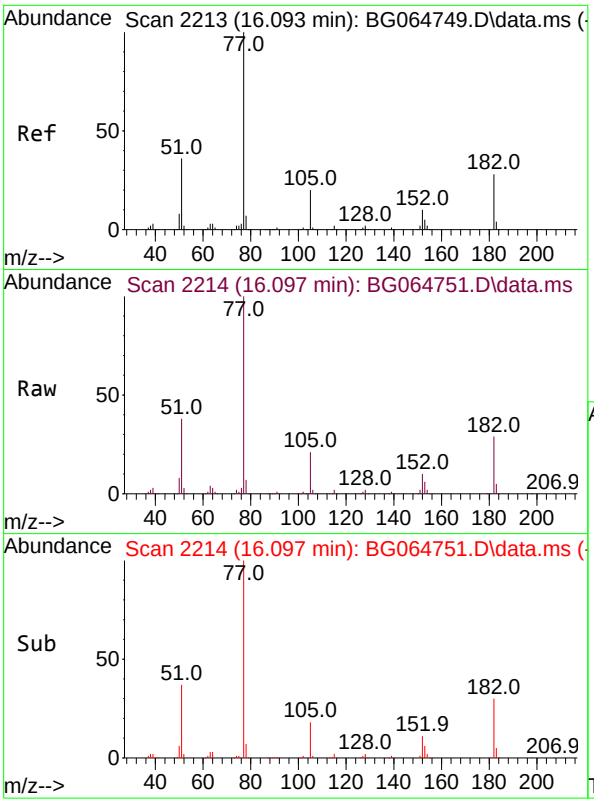



#62
4-Nitroaniline
Concen: 64.702 ng
RT: 15.827 min Scan# 2168
Delta R.T. 0.010 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:138 Resp: 102284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.3 | 30.7 | 70.7 |
| 108 | 106.1 | 85.7 | 125.7 |






#63
Azobenzene
Concen: 59.841 ng
RT: 16.097 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

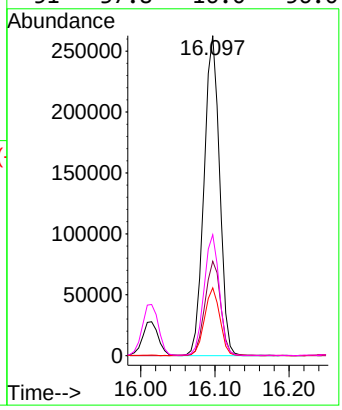
**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

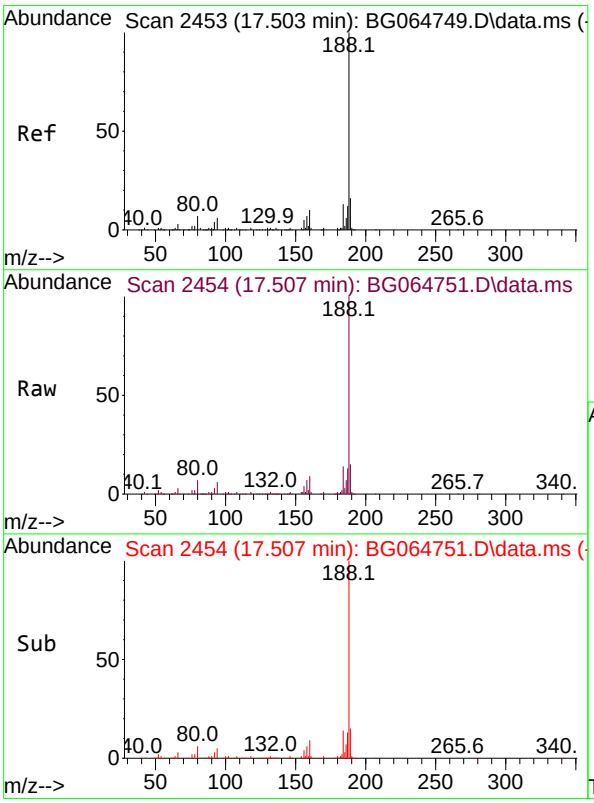
Tgt Ion: 77 Resp: 383102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.5 | 8.1 | 48.1 |
| 105 | 21.2 | 0.1 | 40.1 |
| 51 | 37.8 | 16.0 | 56.0 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

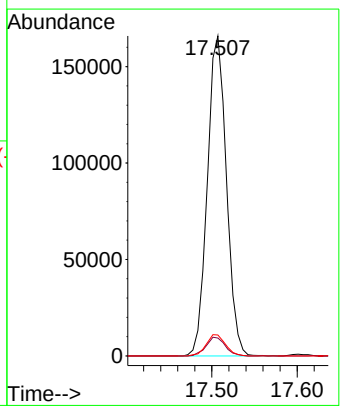


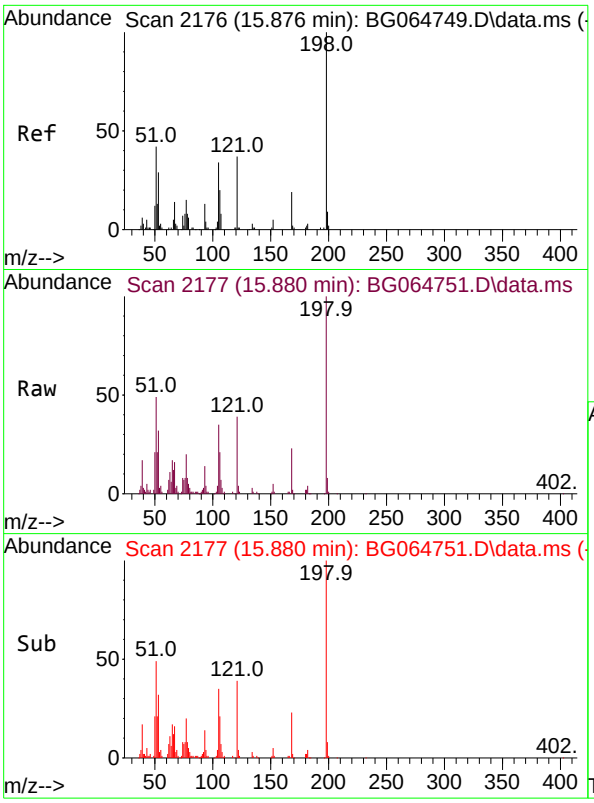




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:188 Resp: 257987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.6 | 4.7 | 7.1 |
| 80 | 6.6 | 5.4 | 8.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 67.922 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

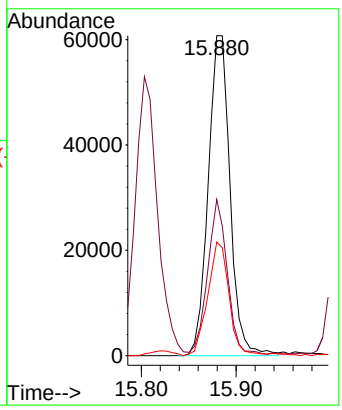
**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

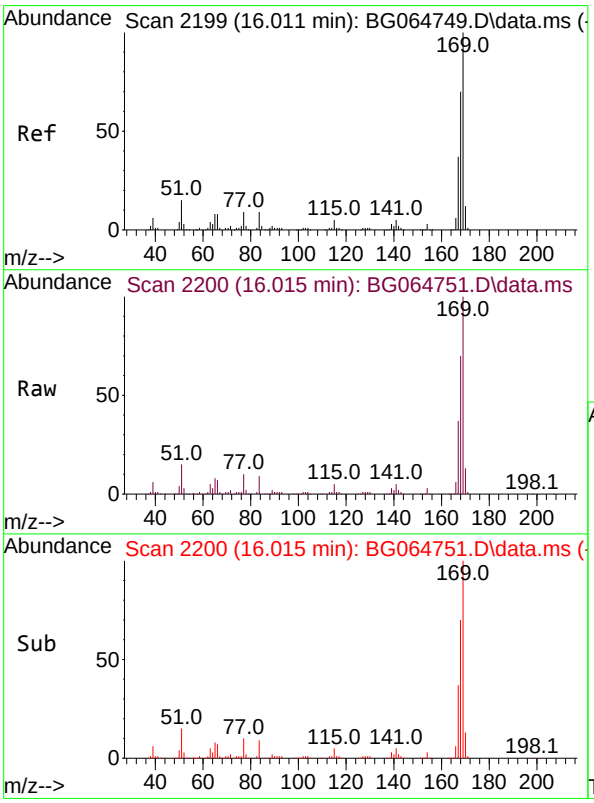
Tgt Ion:198 Resp: 9729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 48.8 | 25.2 | 65.2 |
| 105 | 35.5 | 14.2 | 54.2 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

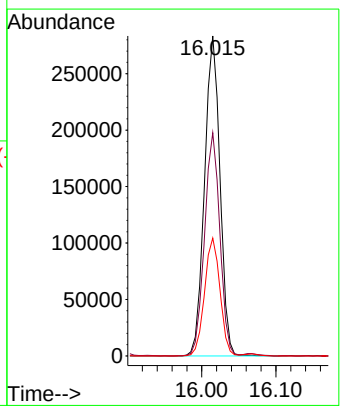


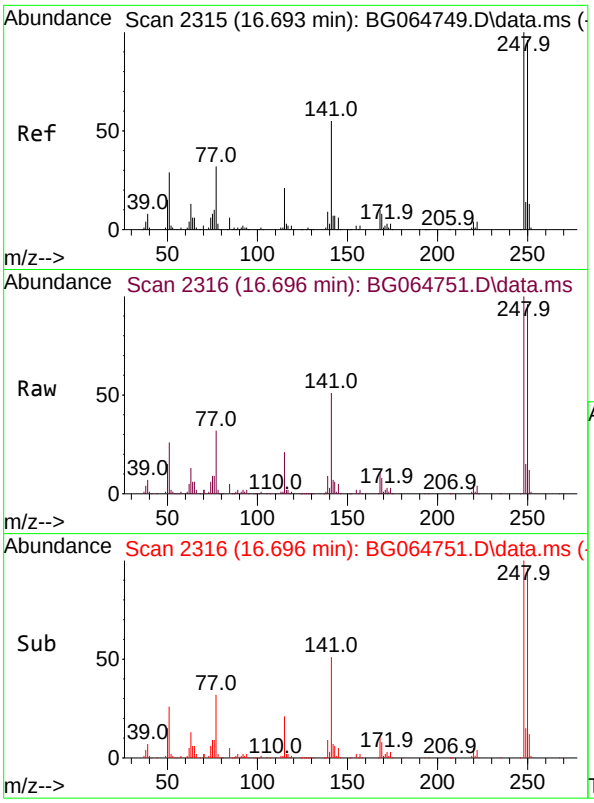




#66
n-Nitrosodiphenylamine
Concen: 60.512 ng
RT: 16.015 min Scan# 2200
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:169 Resp: 408909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.7 | 55.9 | 83.9 |
| 167 | 36.8 | 29.8 | 44.6 |

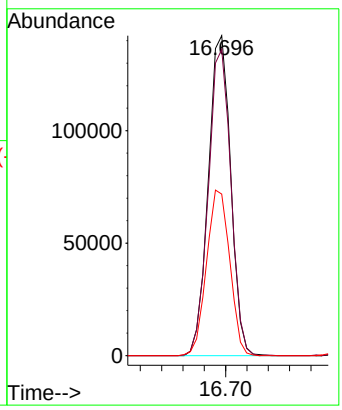





#67
4-Bromophenyl-phenylether
Concen: 61.378 ng
RT: 16.696 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:248 Resp: 20794

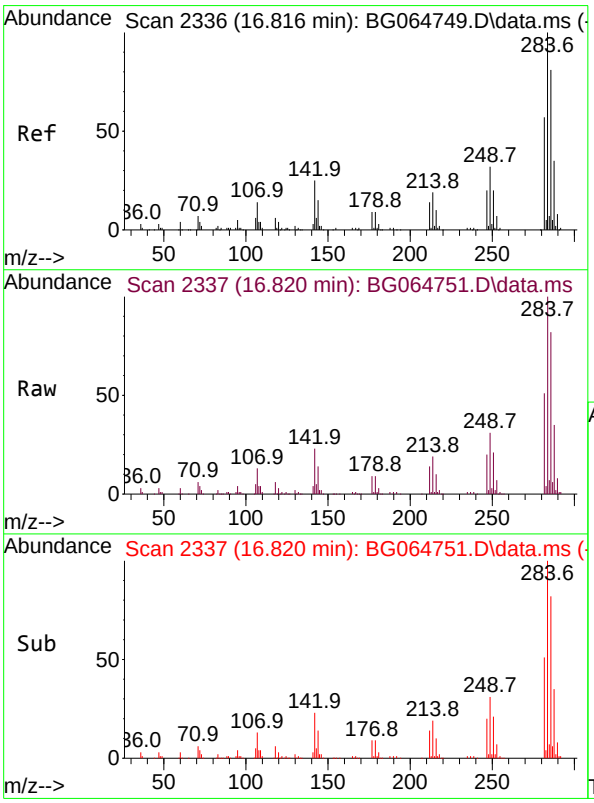
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.7 | 77.0 | 115.6 |
| 141 | 50.5 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

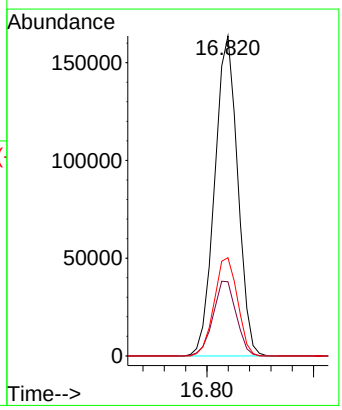
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

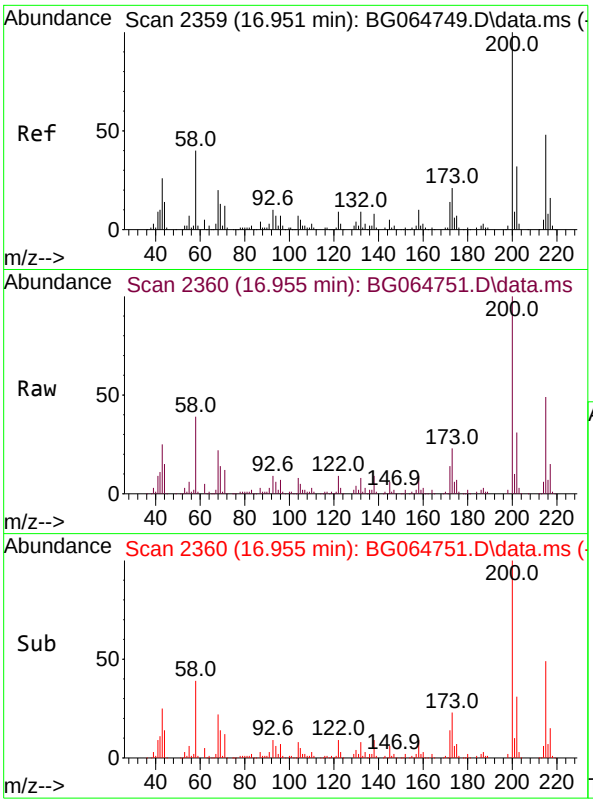



#68
Hexachlorobenzene
Concen: 59.815 ng
RT: 16.820 min Scan# 2337
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:284 Resp: 245522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.2 | 19.7 | 29.5 |
| 249 | 33.3 | 28.1 | 42.1 |

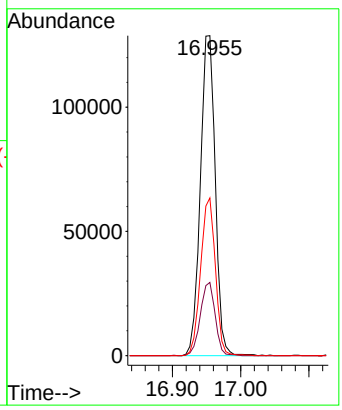





#69
Atrazine
Concen: 60.098 ng
RT: 16.955 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:200 Resp: 19580

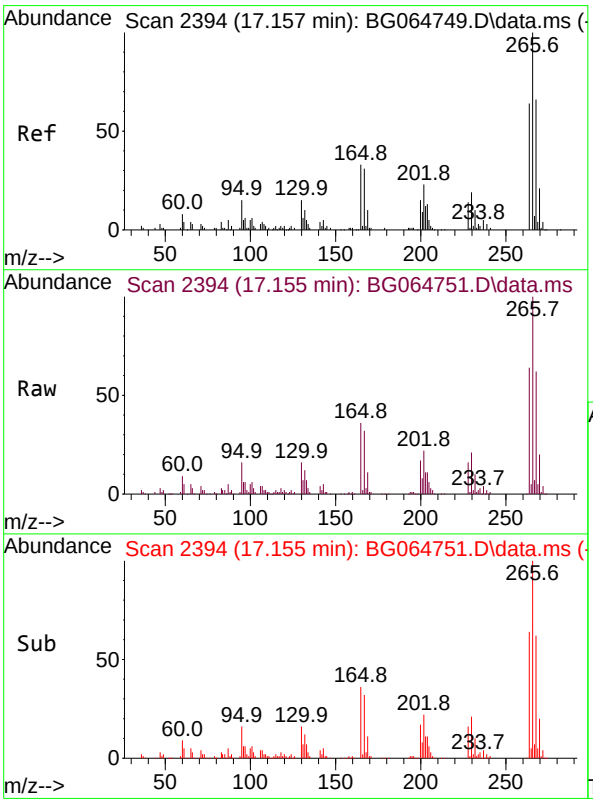
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.9 | 0.9 | 40.9 |
| 215 | 49.3 | 27.5 | 67.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

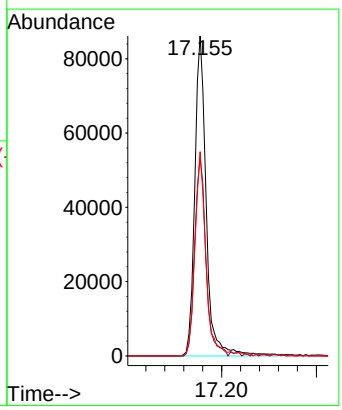
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

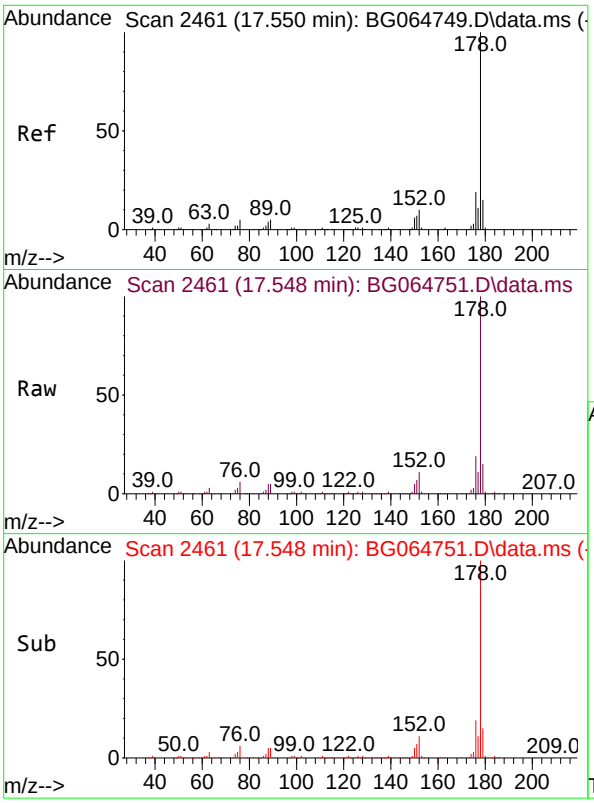



#70
Pentachlorophenol
Concen: 61.120 ng
RT: 17.155 min Scan# 2394
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:266 Resp: 144648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.6 | 56.1 | 84.1 |
| 264 | 63.8 | 51.2 | 76.8 |

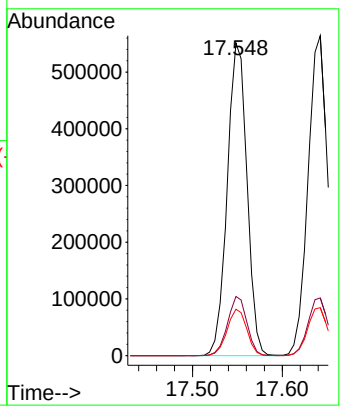





#71
Phenanthrene
Concen: 59.753 ng
RT: 17.548 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:178 Resp: 84342

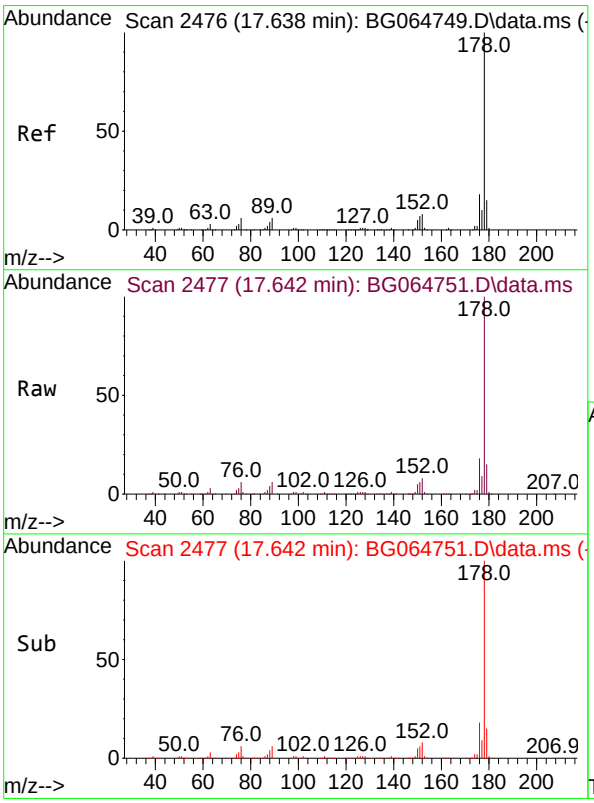
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 14.8 | 22.2 |
| 179 | 14.8 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

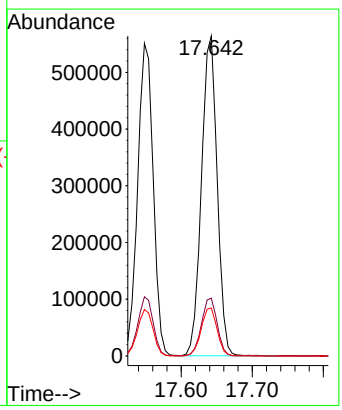
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

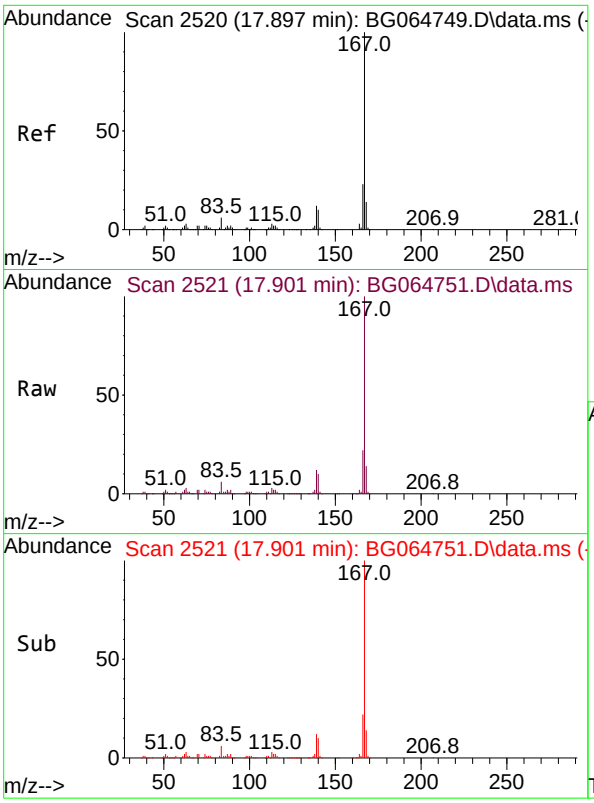



#72
Anthracene
Concen: 59.861 ng
RT: 17.642 min Scan# 2477
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:178 Resp: 861577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 14.5 | 21.7 |
| 179 | 15.0 | 12.2 | 18.4 |

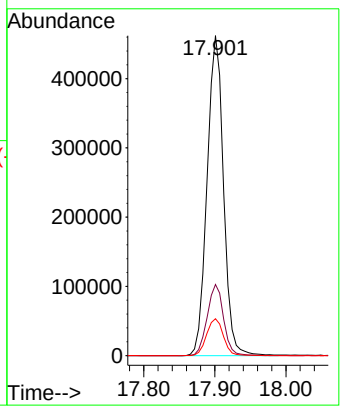





#73
Carbazole
Concen: 59.766 ng
RT: 17.901 min Scan# 2
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:167 Resp: 73949

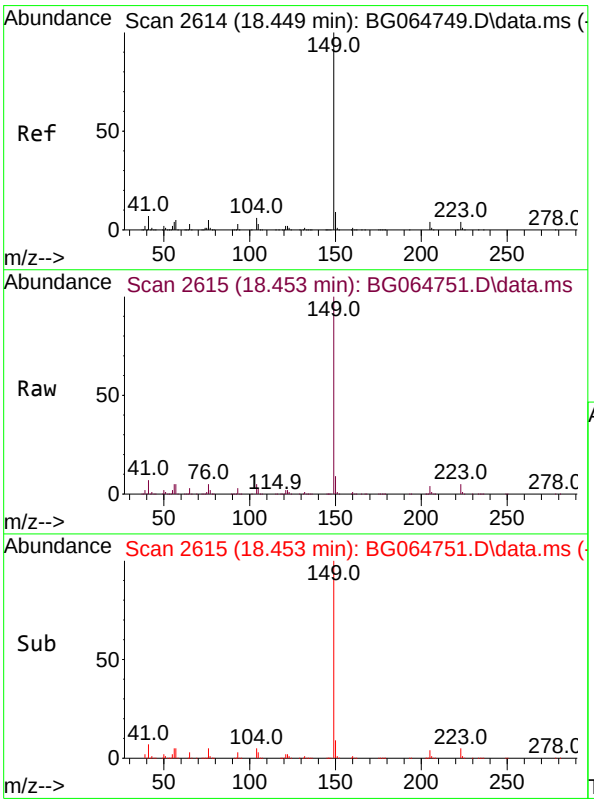
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 18.0 | 27.0 |
| 139 | 11.5 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

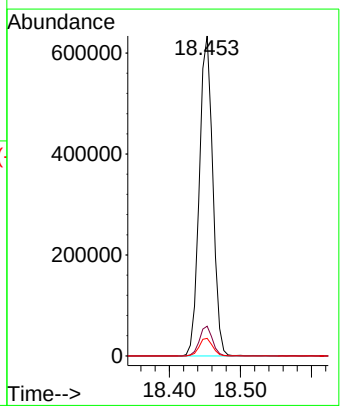
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

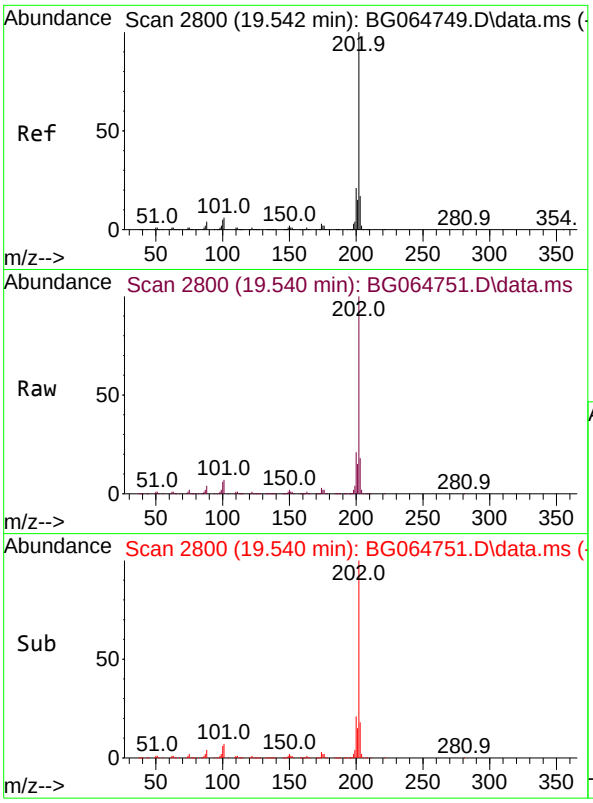



#74
Di-n-butylphthalate
Concen: 59.986 ng
RT: 18.453 min Scan# 2615
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:149 Resp: 828062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 5.5 | 4.4 | 6.6 |






#75
Fluoranthene
Concen: 59.146 ng
RT: 19.540 min Scan# 28
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

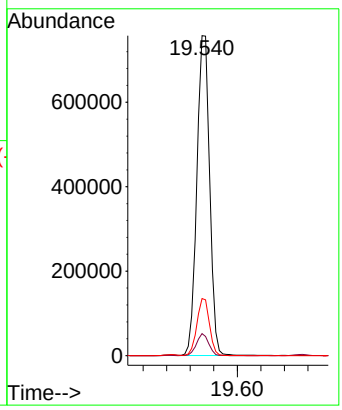
Tgt Ion:202 Resp: 114163

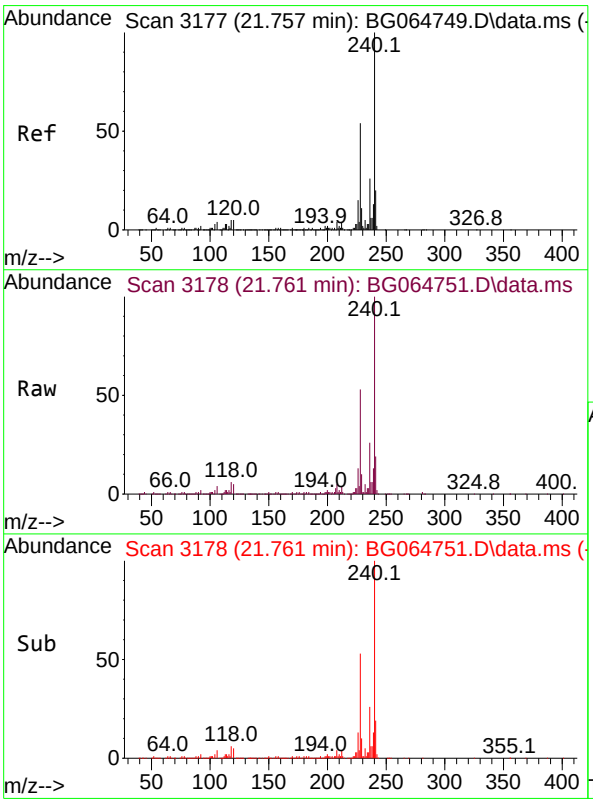
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.9 | 0.0 | 26.4 |
| 203 | 17.8 | 0.0 | 37.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

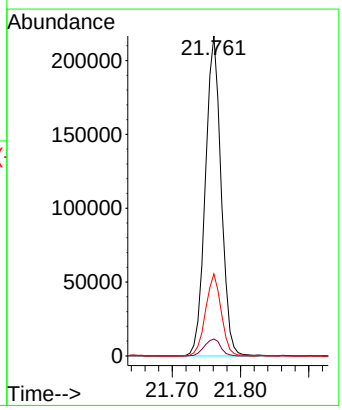


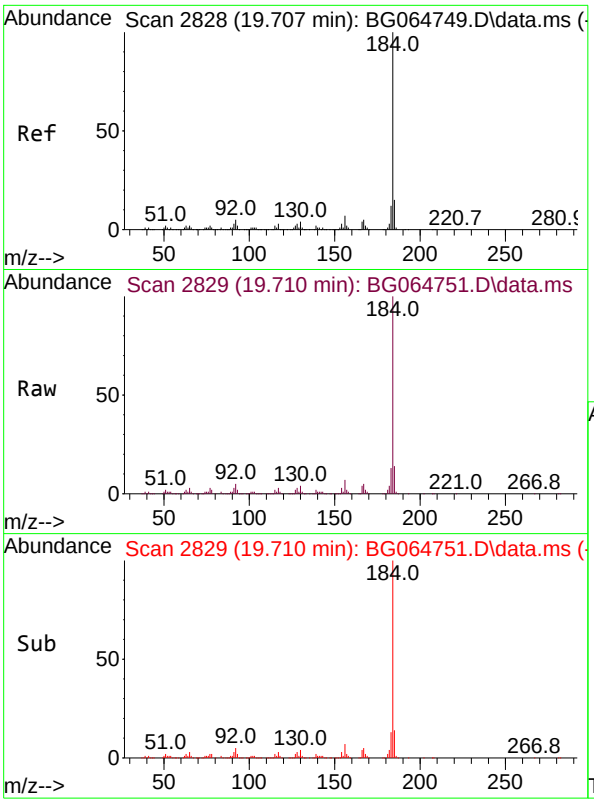




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.761 min Scan# 3178
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:240 Resp: 346774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.3 | 4.2 | 6.4 |
| 236 | 25.6 | 20.8 | 31.2 |

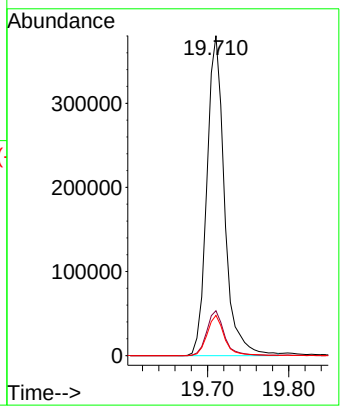





#77
Benzidine
Concen: 55.340 ng
RT: 19.710 min Scan# 28
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:184 Resp: 57472

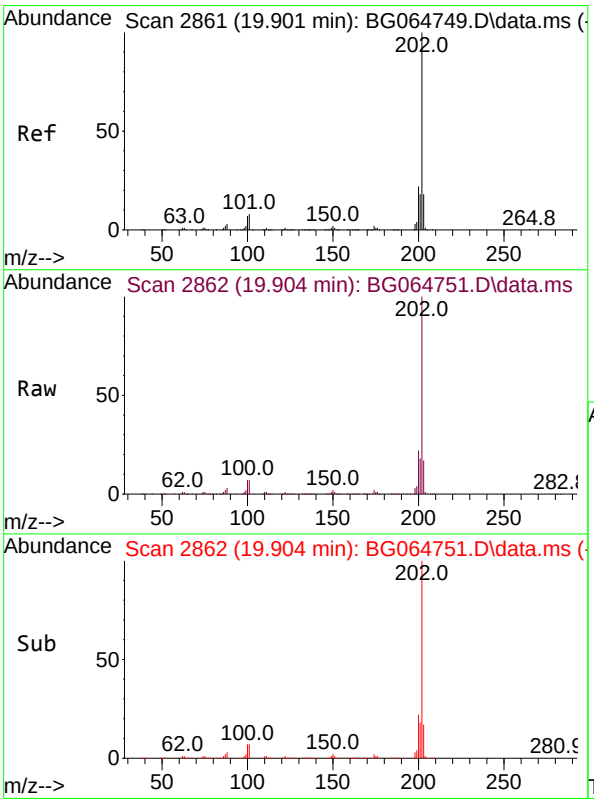
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.8 | 17.6 |
| 183 | 12.6 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

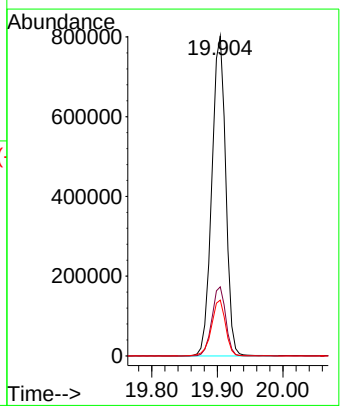
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

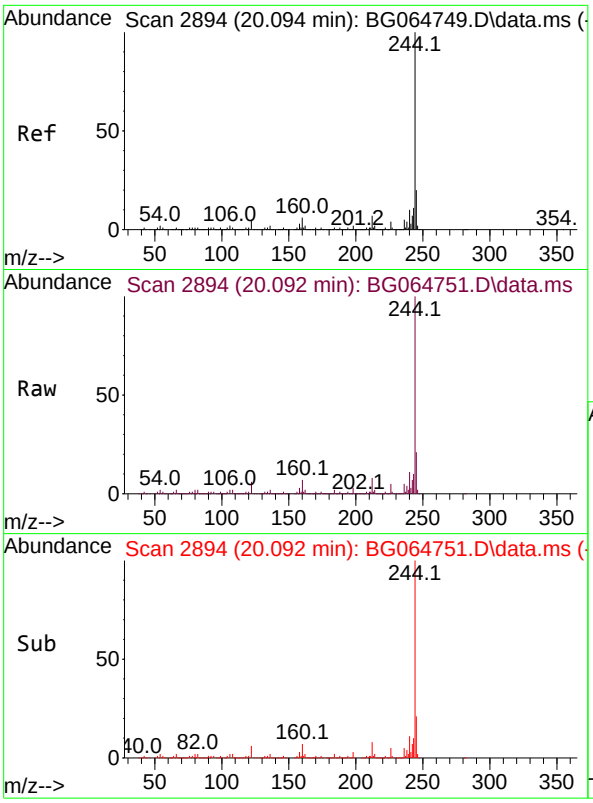



#78
Pyrene
Concen: 60.813 ng
RT: 19.904 min Scan# 2862
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:202 Resp: 1181920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.9 | 26.9 |
| 203 | 17.4 | 14.0 | 21.0 |

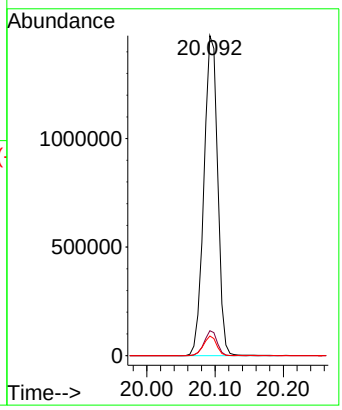





#79
Terphenyl-d14
Concen: 117.198 ng
RT: 20.092 min Scan# 28
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:244 Resp: 206605

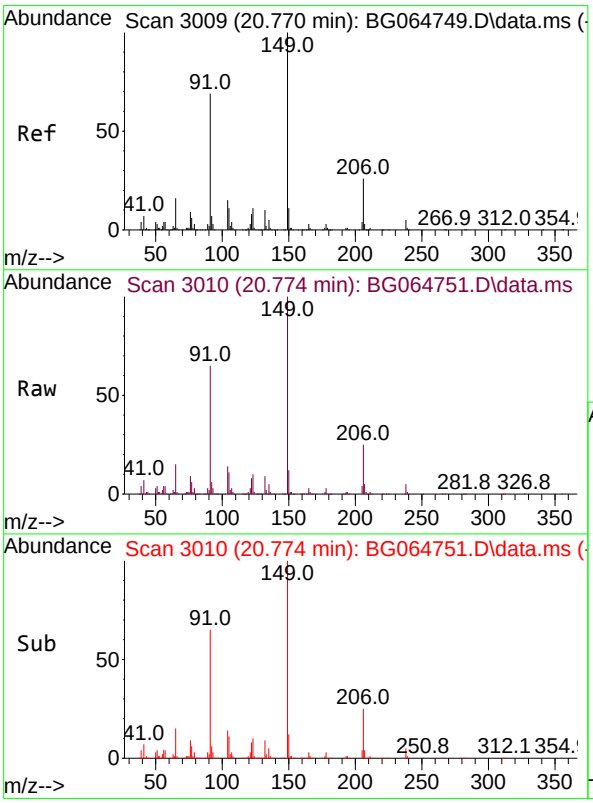
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.8 | 8.6 |
| 122 | 6.1 | 4.3 | 6.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

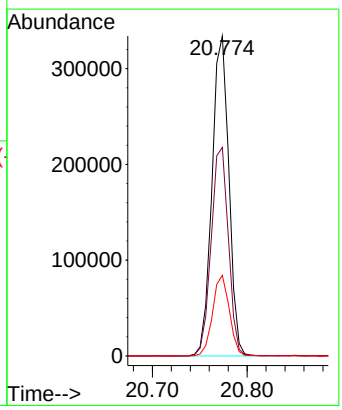
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

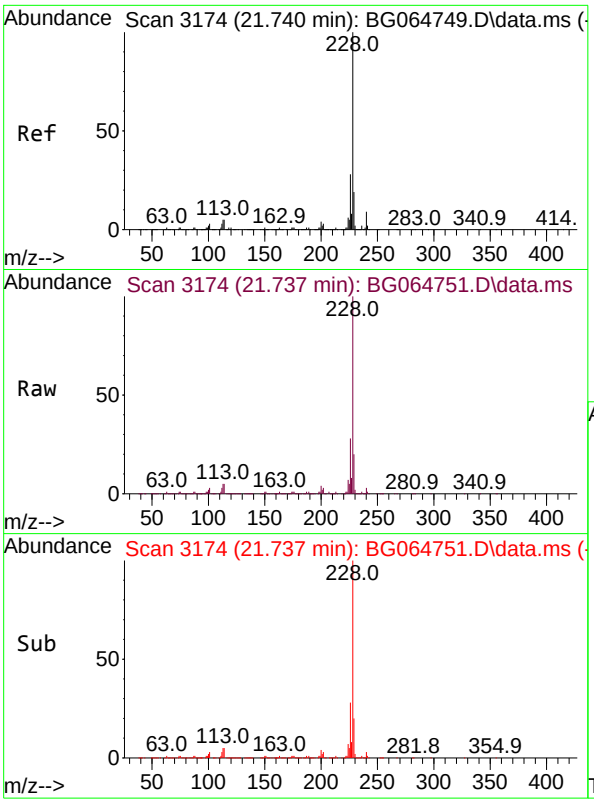



#80
Butylbenzylphthalate
Concen: 60.444 ng
RT: 20.774 min Scan# 3010
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:149 Resp: 413202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.2 | 54.9 | 82.3 |
| 206 | 25.2 | 21.2 | 31.8 |

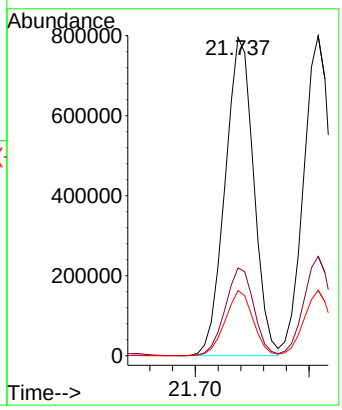





#81
Benzo(a)anthracene
Concen: 58.867 ng
RT: 21.737 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:228 Resp: 138805

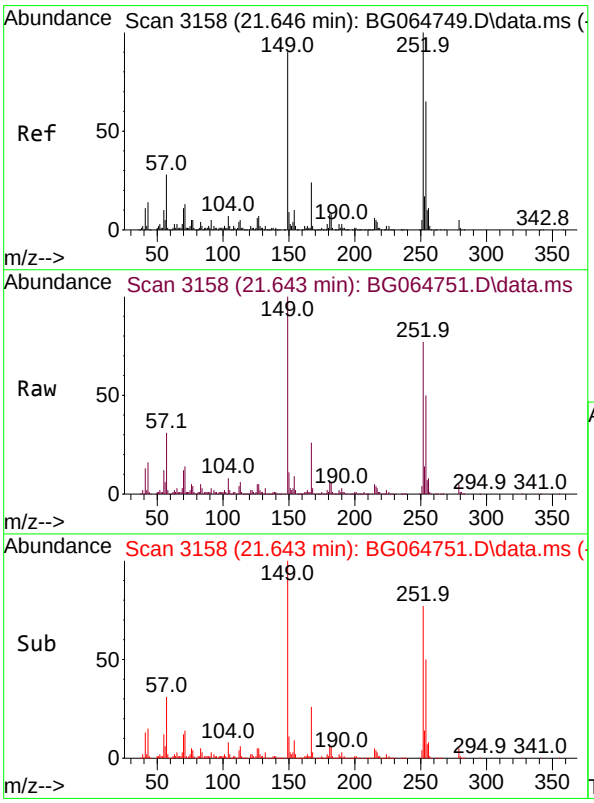
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.1 | 33.1 |
| 229 | 20.5 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

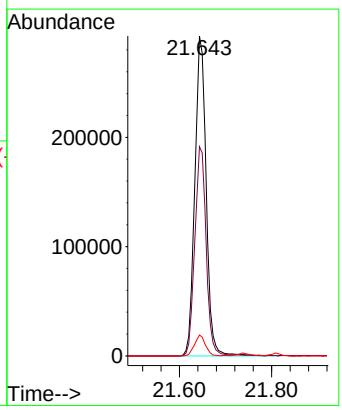
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

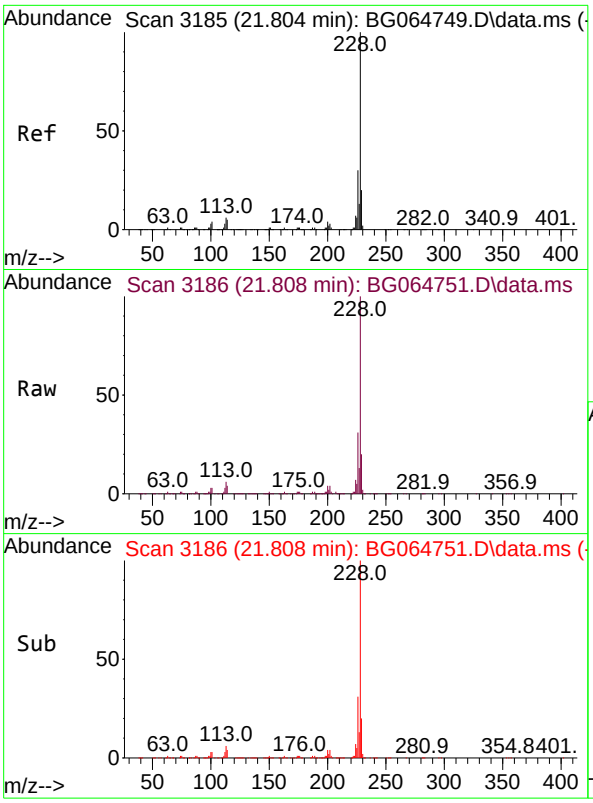



#82
3,3'-Dichlorobenzidine
Concen: 57.466 ng
RT: 21.643 min Scan# 3158
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:252 Resp: 498737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.4 | 51.8 | 77.8 |
| 126 | 6.5 | 4.7 | 7.1 |

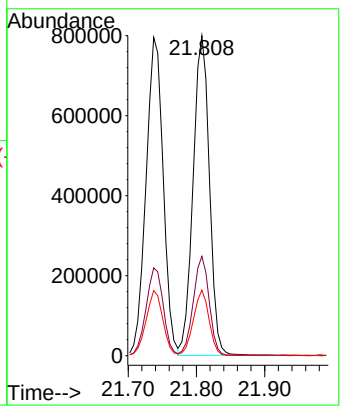





#83
Chrysene
Concen: 59.686 ng
RT: 21.808 min Scan# 3
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:228 Resp: 132681

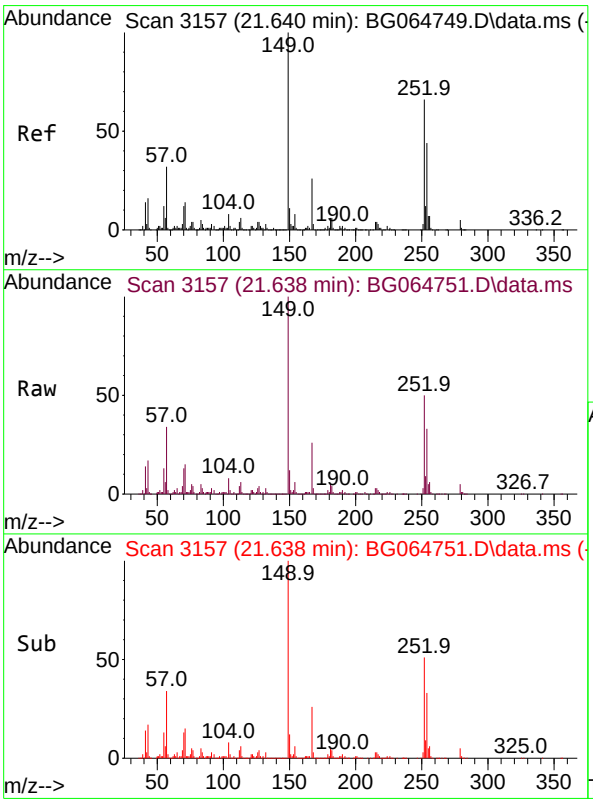
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 24.2 | 36.2 |
| 229 | 20.4 | 16.0 | 24.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

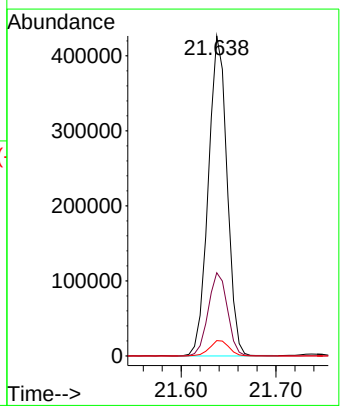
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

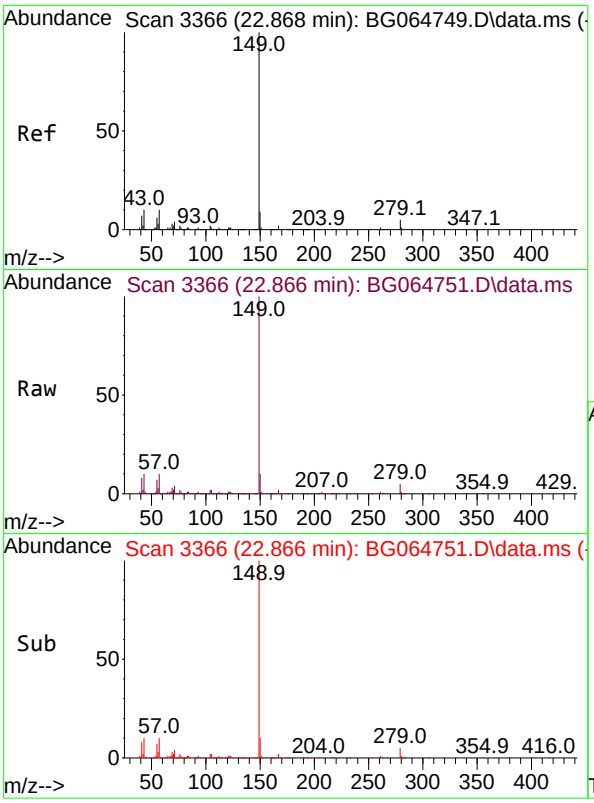



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.754 ng
RT: 21.638 min Scan# 3157
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:149 Resp: 586917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.0 | 21.0 | 31.4 |
| 279 | 4.8 | 4.1 | 6.1 |

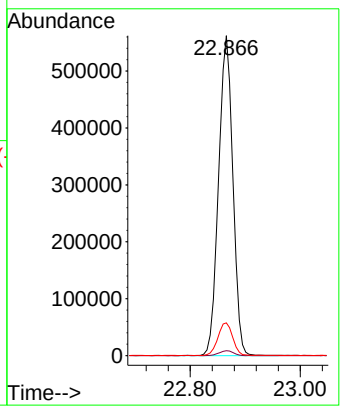





#85
Di-n-octyl phthalate
Concen: 58.705 ng
RT: 22.866 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:149 Resp: 101368

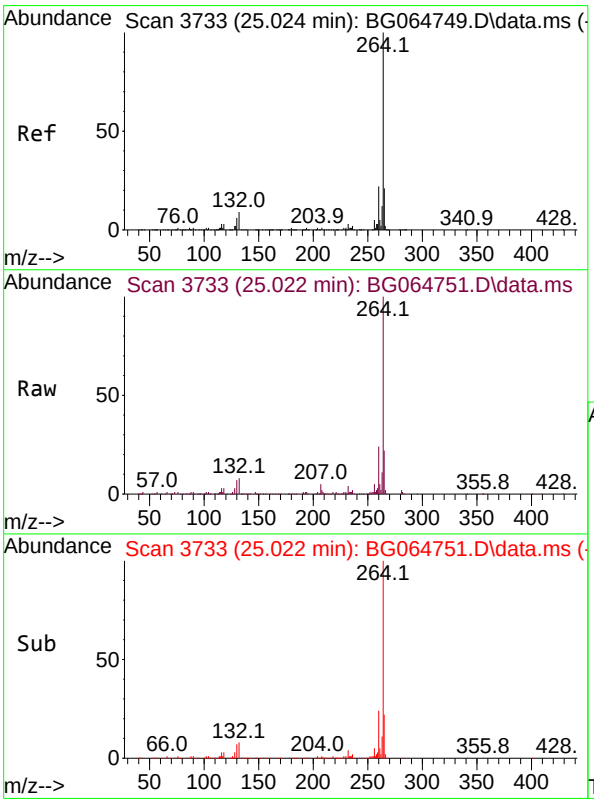
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.5 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

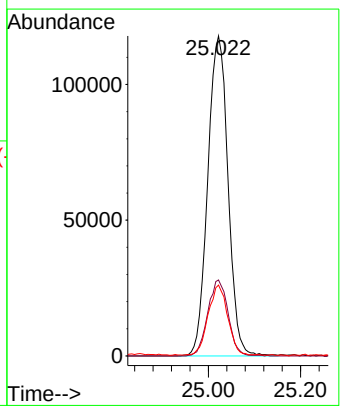
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

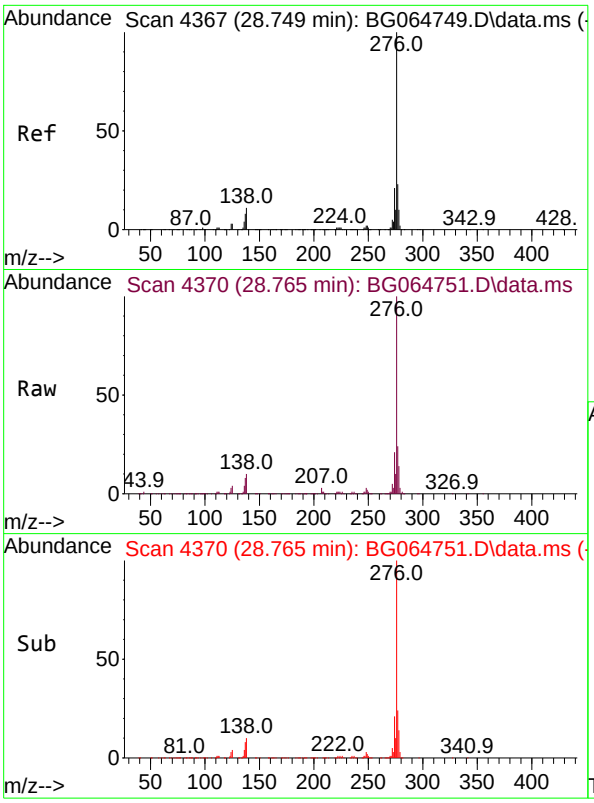



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.022 min Scan# 3733
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:264 Resp: 359143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 17.2 | 25.8 |
| 265 | 22.1 | 16.6 | 25.0 |

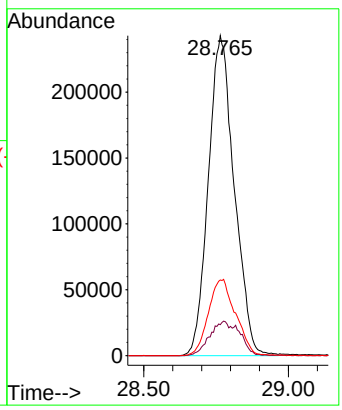





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.287 ng
RT: 28.765 min Scan# 4
Delta R.T. 0.016 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:276 Resp: 151221

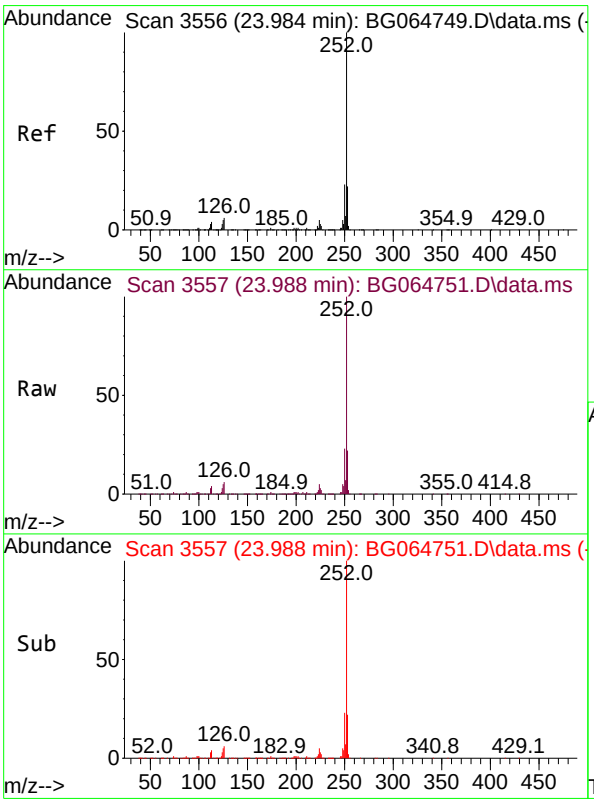
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 8.7 | 4.5 | 6.7# |
| 277 | 24.9 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

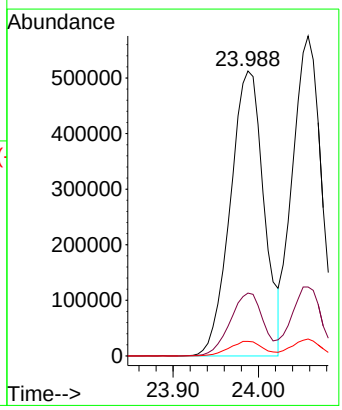
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

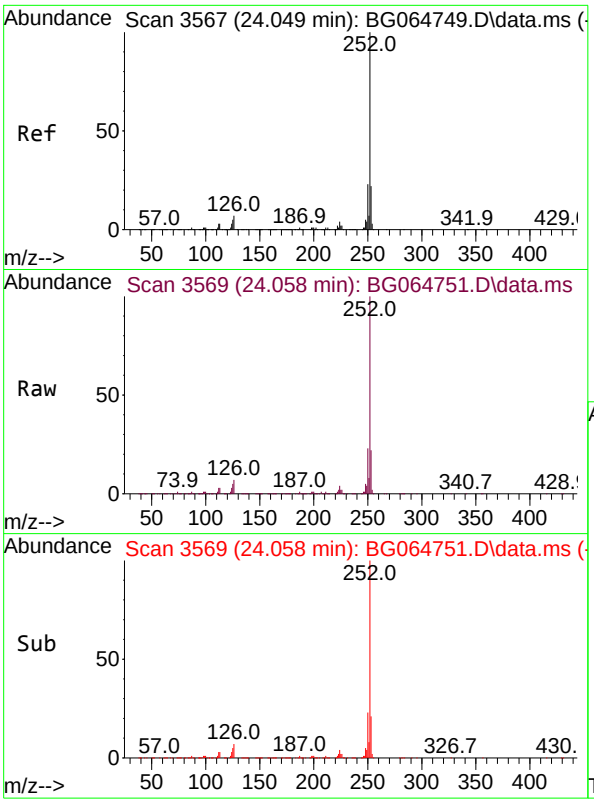



#88
Benzo(b)fluoranthene
Concen: 61.488 ng
RT: 23.988 min Scan# 3557
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:252 Resp: 1405334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.4 | 26.2 |
| 125 | 5.1 | 4.2 | 6.2 |






#89
Benzo(k)fluoranthene
Concen: 58.948 ng
RT: 24.058 min Scan# 3
Delta R.T. 0.010 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

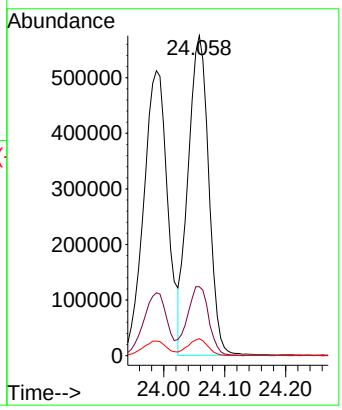
Tgt Ion:252 Resp: 135354

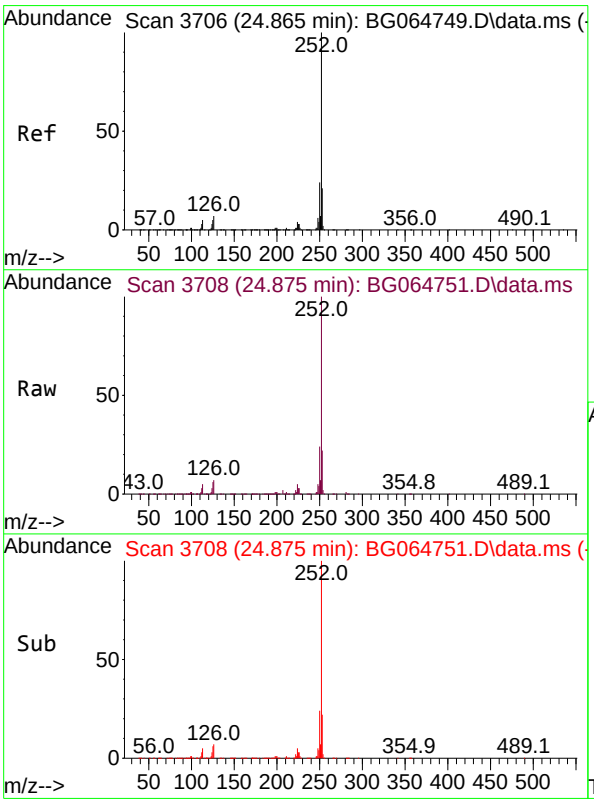
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.8 | 26.8 |
| 125 | 5.3 | 4.1 | 6.1 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

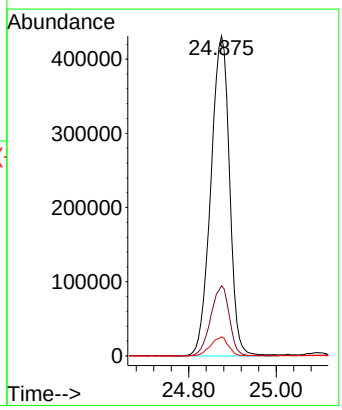


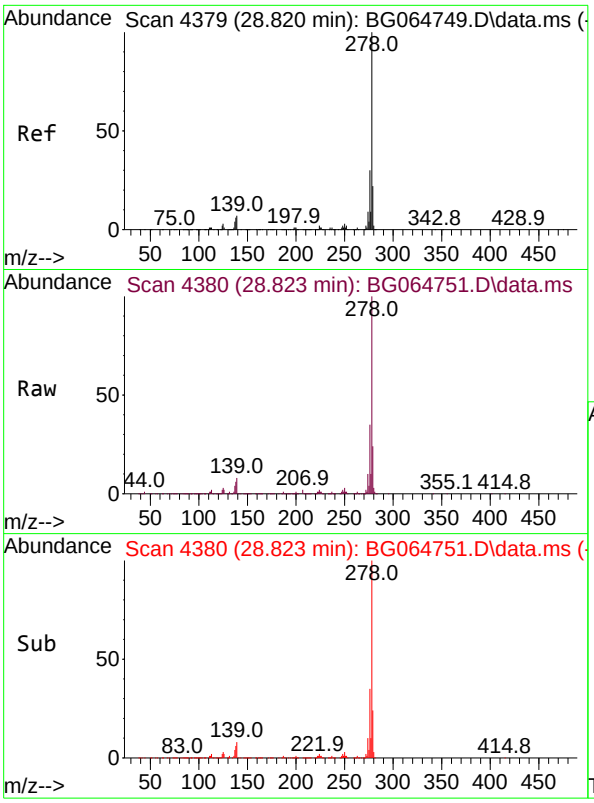




#90
Benzo(a)pyrene
Concen: 60.448 ng
RT: 24.875 min Scan# 3708
Delta R.T. 0.010 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:252 Resp: 1281570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 16.9 | 25.3 |
| 125 | 6.0 | 4.2 | 6.4 |

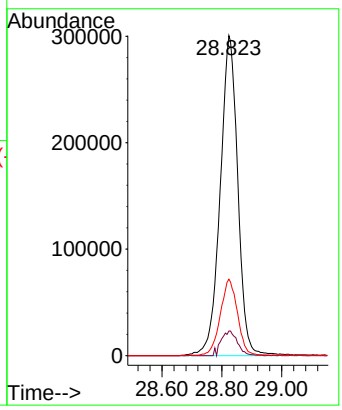





#91
Dibenzo(a,h)anthracene
Concen: 61.139 ng
RT: 28.823 min Scan# 4
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:278 Resp: 123584

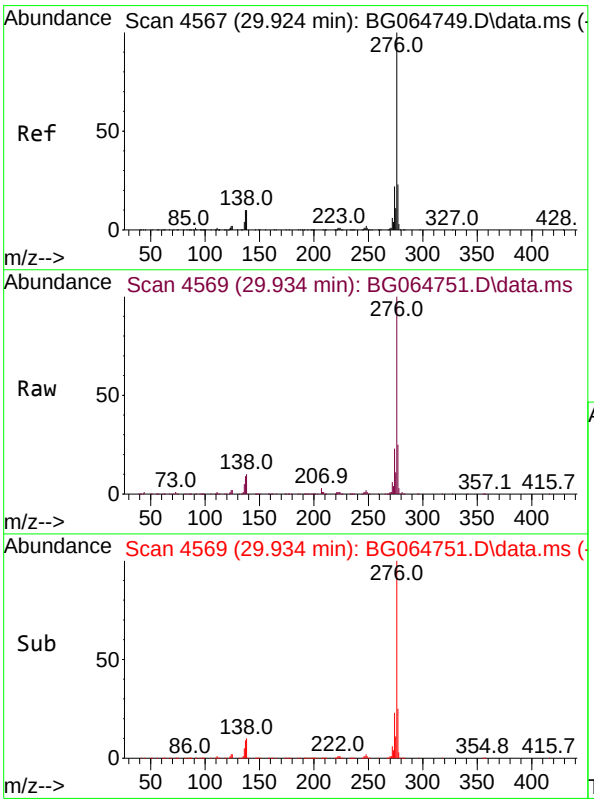
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.7 | 5.8 | 8.8 |
| 279 | 23.9 | 17.3 | 25.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

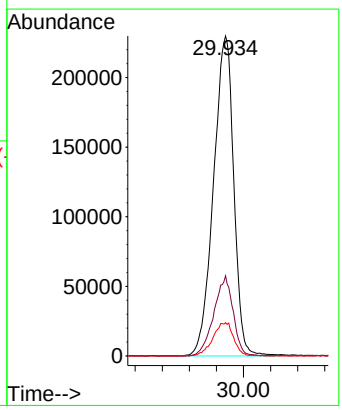
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025




#92
Benzo(g,h,i)perylene
Concen: 61.117 ng
RT: 29.934 min Scan# 4569
Delta R.T. 0.010 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:276 Resp: 1188967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.0 | 18.0 | 27.0 |
| 138 | 10.4 | 8.2 | 12.2 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064752.D
Acq On : 12 Nov 2025 16:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 12 16:59:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.169 | 152 | 32100 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.984 | 136 | 121266 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.779 | 164 | 96505 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.506 | 188 | 241350 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.759 | 240 | 320922 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.020 | 264 | 330317 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.702 | 112 | 292678 | 159.215 | ng | | 0.00 |
| 7) Phenol-d6 | 7.312 | 99 | 395430 | 161.732 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.333 | 82 | 419720 | 171.129 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.254 | 330 | 311552 | 165.530 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.410 | 172 | 1098132 | 158.776 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.097 | 244 | 2482378 | 152.157 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.534 | 88 | 54244 | 76.222 | ng | | 98 |
| 3) Pyridine | 3.945 | 79 | 167338 | 78.918 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.851 | 42 | 85343 | 79.078 | ng | | 99 |
| 6) Aniline | 7.482 | 93 | 264134 | 81.049 | ng | | 98 |
| 8) 2-Chlorophenol | 7.729 | 128 | 161956 | 80.237 | ng | | 97 |
| 9) Benzaldehyde | 7.294 | 77 | 127618 | 79.738 | ng | | 95 |
| 10) Phenol | 7.341 | 94 | 217972 | 81.938 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.576 | 93 | 150996 | 79.766 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 8.058 | 146 | 184833 | 79.580 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.205 | 146 | 186937 | 79.042 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.528 | 146 | 182159 | 79.436 | ng | | 97 |
| 15) Benzyl Alcohol | 8.399 | 79 | 166862 | 83.145 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.692 | 45 | 345673 | 77.148 | ng | | 98 |
| 17) 2-Methylphenol | 8.598 | 107 | 152115 | 80.814 | ng | | 94 |
| 18) Hexachloroethane | 9.268 | 117 | 70302 | 78.483 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.974 | 70 | 133452 | 80.726 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.933 | 107 | 206758 | 80.182 | ng | | 93 |
| 22) Acetophenone | 8.992 | 105 | 276774 | 83.774 | ng | # | 96 |
| 24) Nitrobenzene | 9.374 | 77 | 209778 | 84.650 | ng | | 97 |
| 25) Isophorone | 9.903 | 82 | 380468 | 81.460 | ng | | 99 |
| 26) 2-Nitrophenol | 10.085 | 139 | 99793 | 89.526 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.144 | 122 | 163992 | 82.812 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.379 | 93 | 211036 | 82.303 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.625 | 162 | 181140 | 85.199 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.849 | 180 | 211243 | 82.282 | ng | | 98 |
| 31) Naphthalene | 11.037 | 128 | 555384 | 80.791 | ng | | 99 |
| 32) Benzoic acid | 10.290 | 122 | 120088m | 81.210 | ng | | |
| 33) 4-Chloroaniline | 11.131 | 127 | 232387 | 84.507 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.325 | 225 | 181526 | 82.408 | ng | | 98 |
| 35) Caprolactam | 11.912 | 113 | 53925m | 84.873 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.241 | 107 | 195826 | 82.752 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.629 | 142 | 410461 | 79.790 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.846 | 142 | 410081 | 80.251 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.987 | 216 | 310941 | 82.792 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.976 | 237 | 236416 | 87.822 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.222 | 196 | 188174 | 85.368 | ng | | 99 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064752.D
Acq On : 12 Nov 2025 16:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:59:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.293 | 196 | 209584 | 84.775 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.622 | 154 | 559459 | 80.715 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.663 | 162 | 442427 | 81.020 | ng | | 99 |
| 48) 2-Nitroaniline | 13.857 | 65 | 152081 | 86.588 | ng | | 97 |
| 49) Acenaphthylene | 14.503 | 152 | 749707 | 80.362 | ng | | 99 |
| 50) Dimethylphthalate | 14.221 | 163 | 610187 | 80.043 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.339 | 165 | 125468 | 85.533 | ng | | 95 |
| 52) Acenaphthene | 14.838 | 154 | 467978 | 83.664 | ng | | 98 |
| 53) 3-Nitroaniline | 14.668 | 138 | 124648 | 86.095 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.873 | 184 | 85396 | 84.450 | ng | | 96 |
| 55) Dibenzofuran | 15.173 | 168 | 727625 | 78.683 | ng | | 100 |
| 56) 4-Nitrophenol | 14.961 | 139 | 101920 | 88.727 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 15.120 | 165 | 188833 | 85.865 | ng | | 98 |
| 58) Fluorene | 15.819 | 166 | 567083 | 78.187 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.390 | 232 | 207982 | 85.265 | ng | | 97 |
| 60) Diethylphthalate | 15.578 | 149 | 579413 | 79.342 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.802 | 204 | 346839 | 79.684 | ng | | 99 |
| 62) 4-Nitroaniline | 15.825 | 138 | 129007 | 86.012 | ng | | 94 |
| 63) Azobenzene | 16.095 | 77 | 473692 | 77.985 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.884 | 198 | 126058 | 94.071 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 16.013 | 169 | 505935 | 80.031 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.695 | 248 | 258213 | 81.469 | ng | | 97 |
| 68) Hexachlorobenzene | 16.818 | 284 | 311899 | 81.224 | ng | | 95 |
| 69) Atrazine | 16.953 | 200 | 246695 | 80.938 | ng | | 98 |
| 70) Pentachlorophenol | 17.153 | 266 | 185967 | 81.697 | ng | | 97 |
| 71) Phenanthrene | 17.552 | 178 | 1036635 | 78.503 | ng | | 99 |
| 72) Anthracene | 17.641 | 178 | 1075224 | 79.854 | ng | | 99 |
| 73) Carbazole | 17.899 | 167 | 917321 | 79.248 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.451 | 149 | 1022641 | 79.189 | ng | | 100 |
| 75) Fluoranthene | 19.544 | 202 | 1397734 | 77.406 | ng | | 99 |
| 77) Benzidine | 19.709 | 184 | 715252 | 74.419 | ng | | 98 |
| 78) Pyrene | 19.903 | 202 | 1443820 | 80.273 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.772 | 149 | 511144 | 80.795 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.742 | 228 | 1727230 | 79.153 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.648 | 252 | 617916 | 76.933 | ng | | 99 |
| 83) Chrysene | 21.806 | 228 | 1622815 | 78.881 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.636 | 149 | 710301 | 76.834 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.864 | 149 | 1234609 | 77.260 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.775 | 276 | 1899785 | 83.713 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.992 | 252 | 1712491 | 81.466 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.063 | 252 | 1723708 | 81.620 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.879 | 252 | 1583859 | 81.225 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.833 | 278 | 1559703 | 83.894 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.938 | 276 | 1494746 | 83.541 | ng | | 97 |

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

ICAL Form

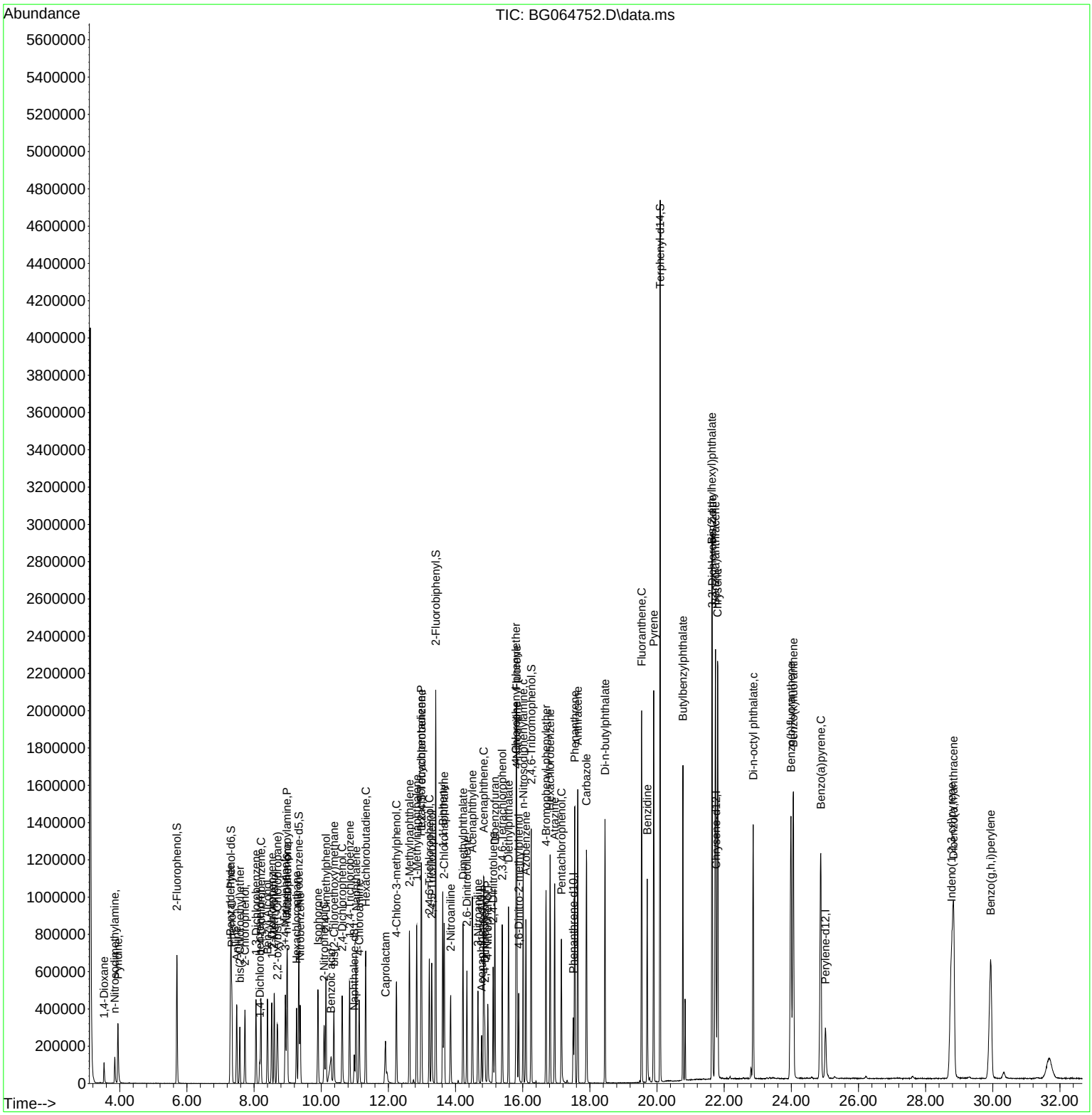
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064752.D
Acq On : 12 Nov 2025 16:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

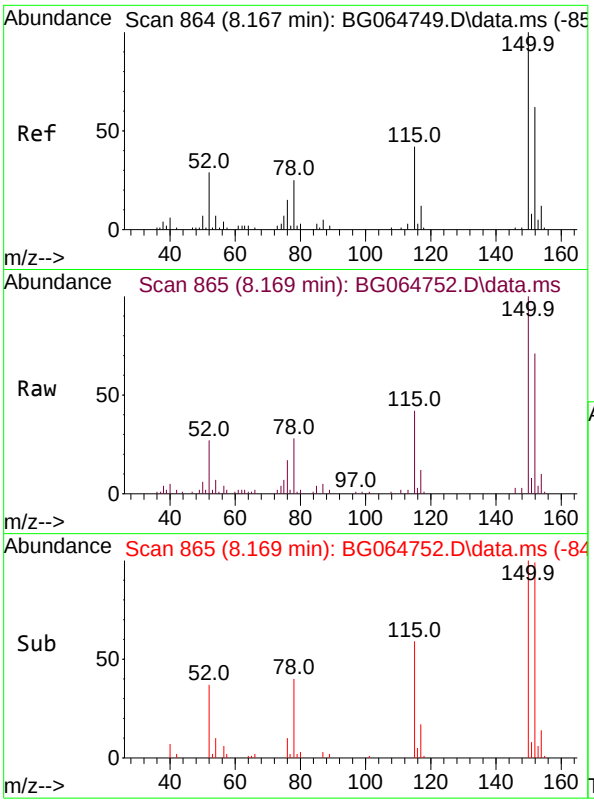
Quant Time: Nov 12 16:59:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

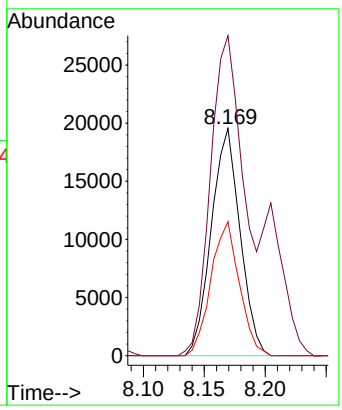





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:152 Resp: 3210

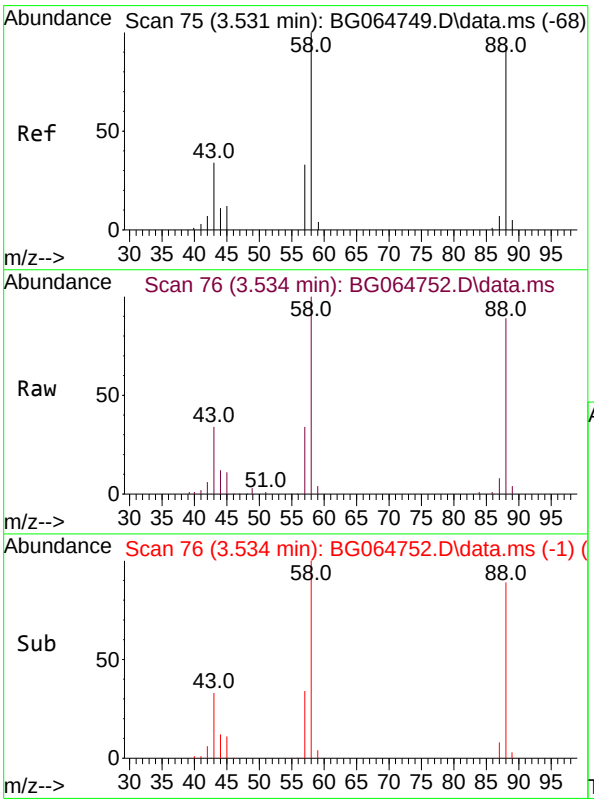
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 140.9 | 129.2 | 193.8 |
| 115 | 59.0 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

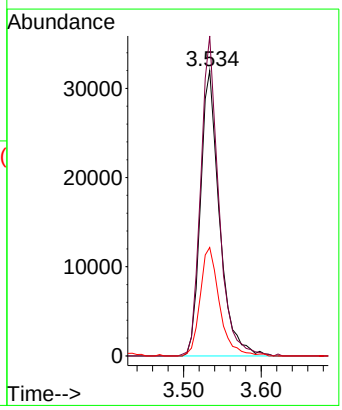
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

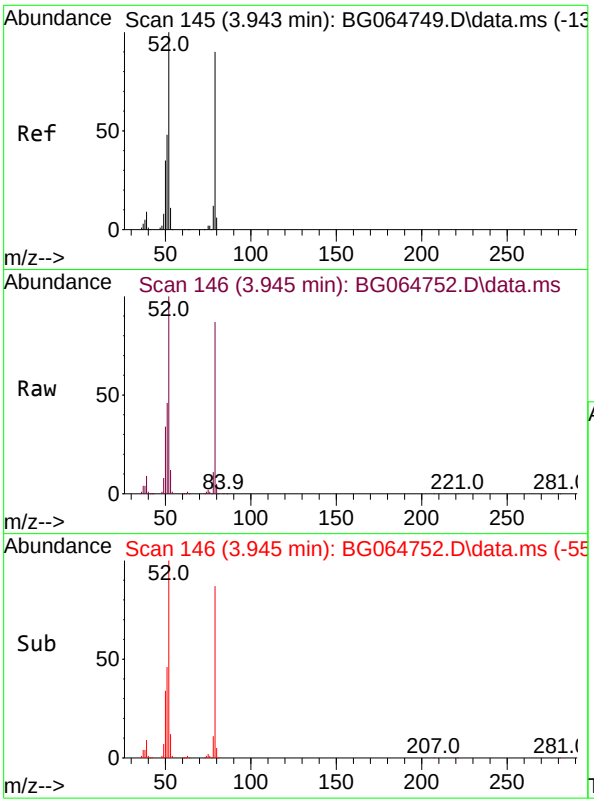



#2
1,4-Dioxane
Concen: 76.222 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 88 Resp: 54244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 107.1 | 84.6 | 126.8 |
| 43 | 38.9 | 30.0 | 45.0 |

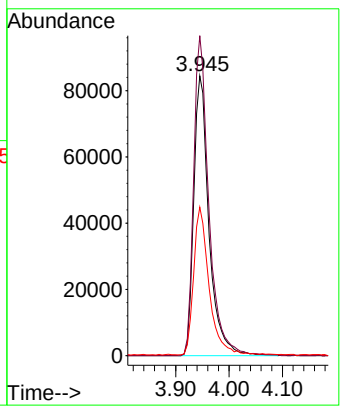





#3
Pyridine
Concen: 78.918 ng
RT: 3.945 min Scan# 14
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 79 Resp: 16733

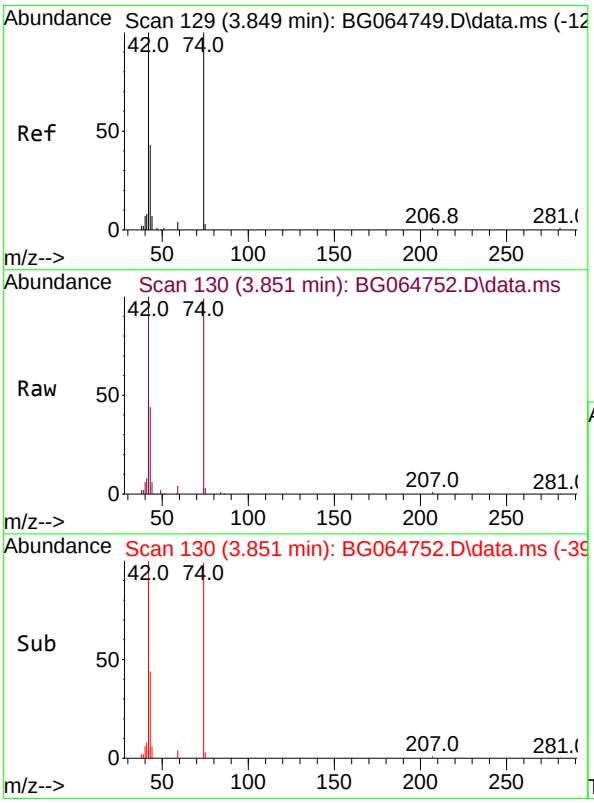
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 114.4 | 89.0 | 133.4 |
| 51 | 53.0 | 43.4 | 65.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

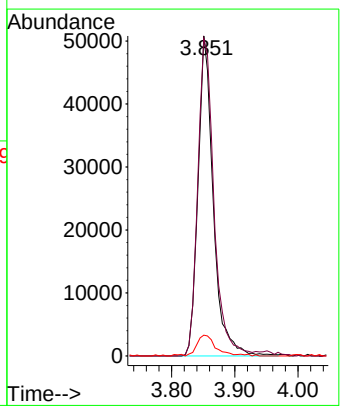
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

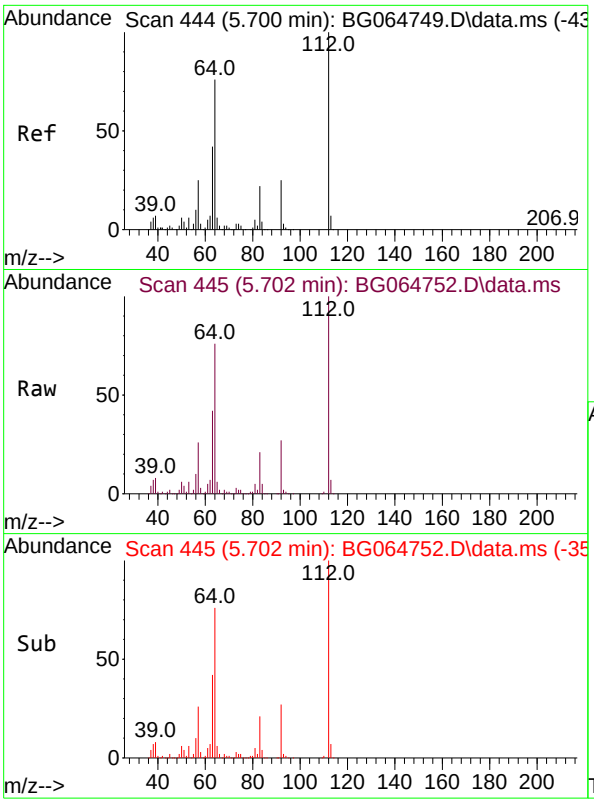



#4
n-Nitrosodimethylamine
Concen: 79.078 ng
RT: 3.851 min Scan# 130
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 42 Resp: 85343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 99.2 | 79.8 | 119.6 |
| 44 | 6.5 | 5.9 | 8.9 |






#5
2-Fluorophenol
Concen: 159.215 ng
RT: 5.702 min Scan# 44
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

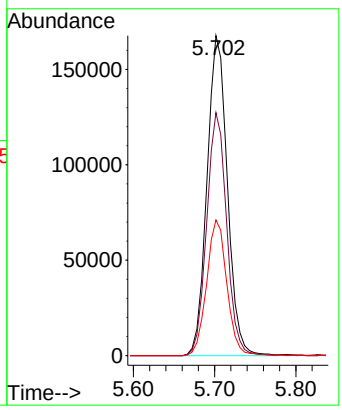
Tgt Ion:112 Resp: 29267

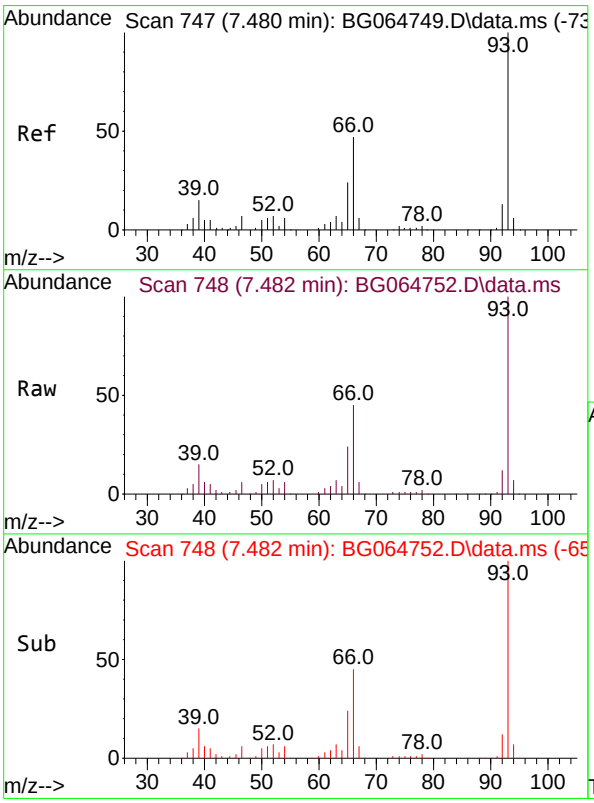
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.9 | 61.0 | 91.4 |
| 63 | 42.4 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

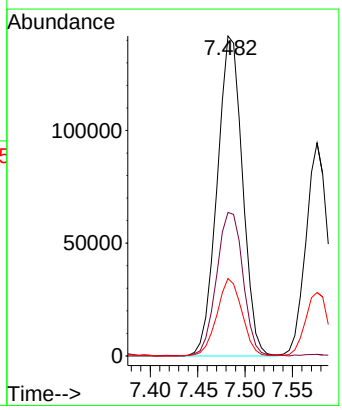


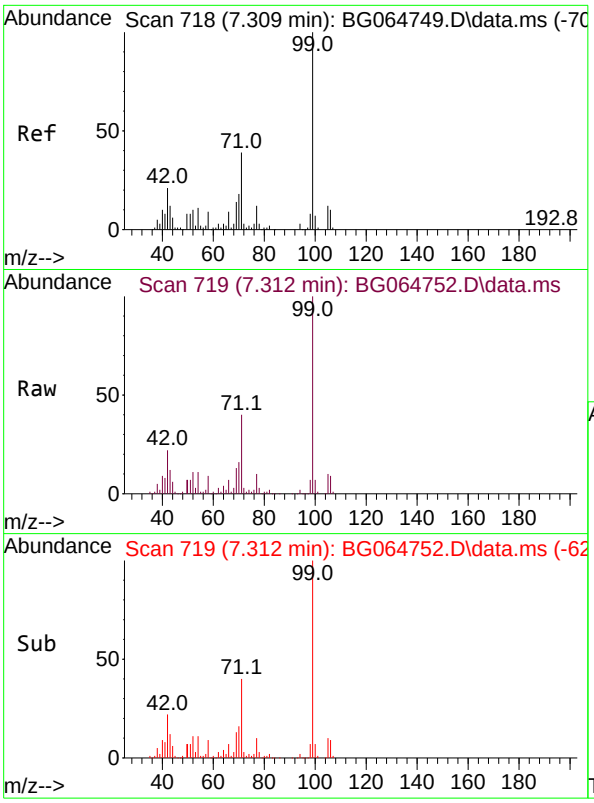




#6
Aniline
Concen: 81.049 ng
RT: 7.482 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 93 Resp: 264134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 44.8 | 37.7 | 56.5 |
| 65 | 24.2 | 19.1 | 28.7 |

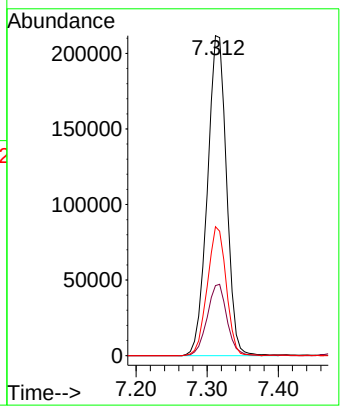





#7
Phenol-d6
Concen: 161.732 ng
RT: 7.312 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 99 Resp: 39543

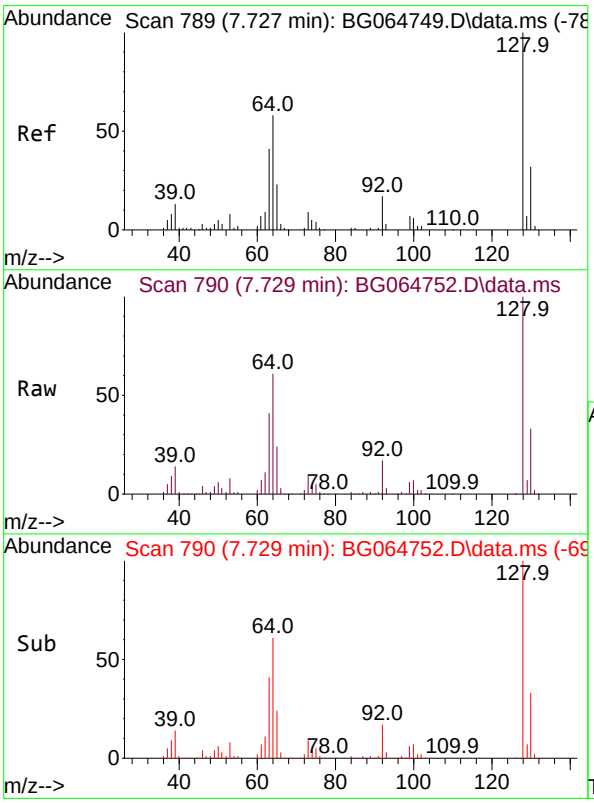
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.9 | 16.8 | 25.2 |
| 71 | 40.3 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

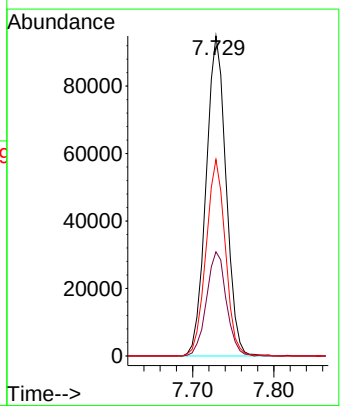
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

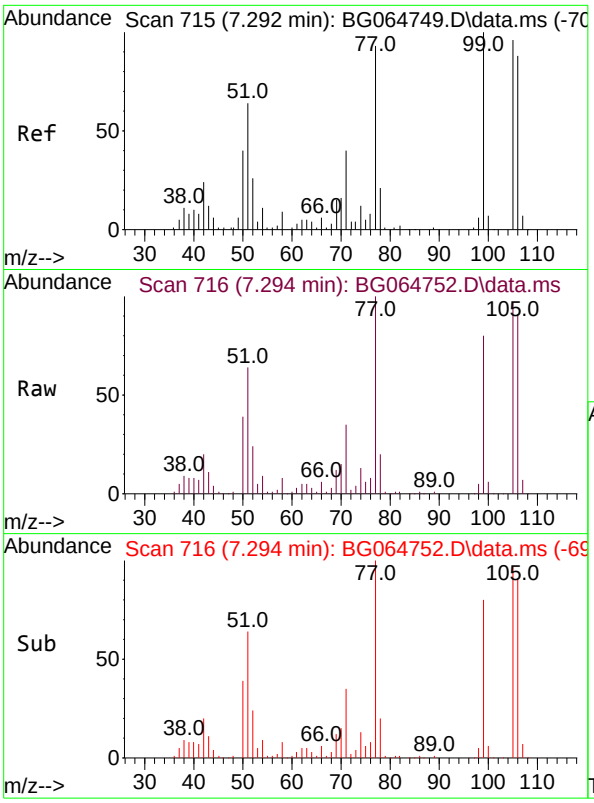



#8
2-Chlorophenol
Concen: 80.237 ng
RT: 7.729 min Scan# 790
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:128 Resp: 161956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 11.9 | 51.9 |
| 64 | 61.4 | 38.4 | 78.4 |

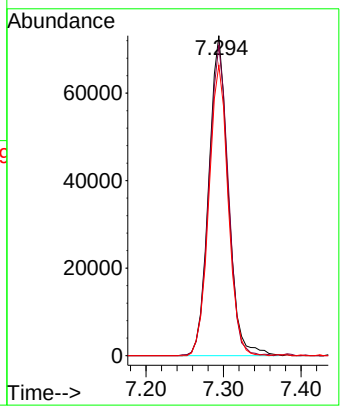





#9
Benzaldehyde
Concen: 79.738 ng
RT: 7.294 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 77 Resp: 12761

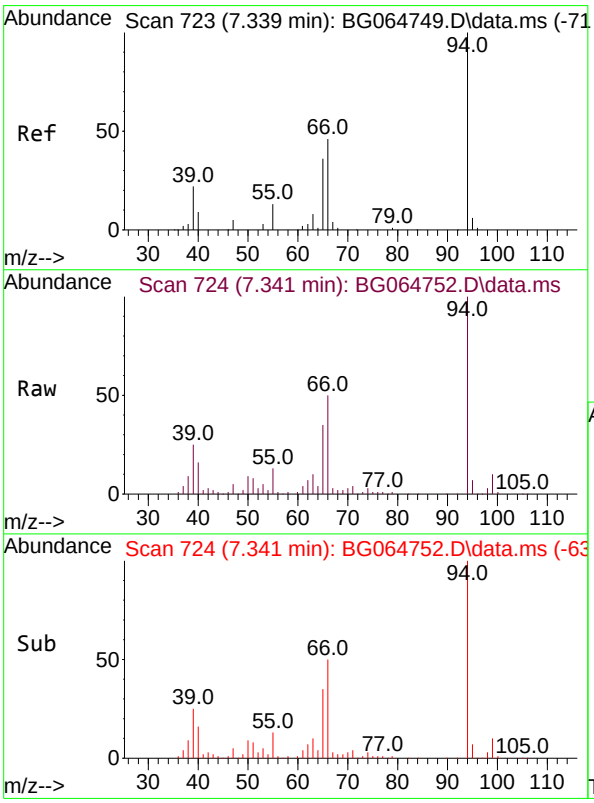
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.9 | 83.8 | 123.8 |
| 106 | 90.8 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

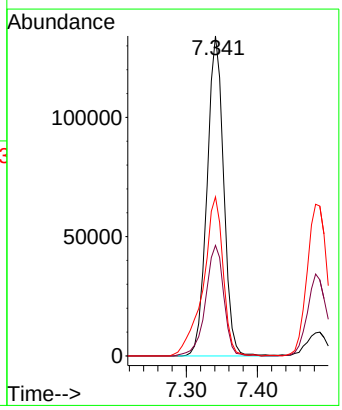
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

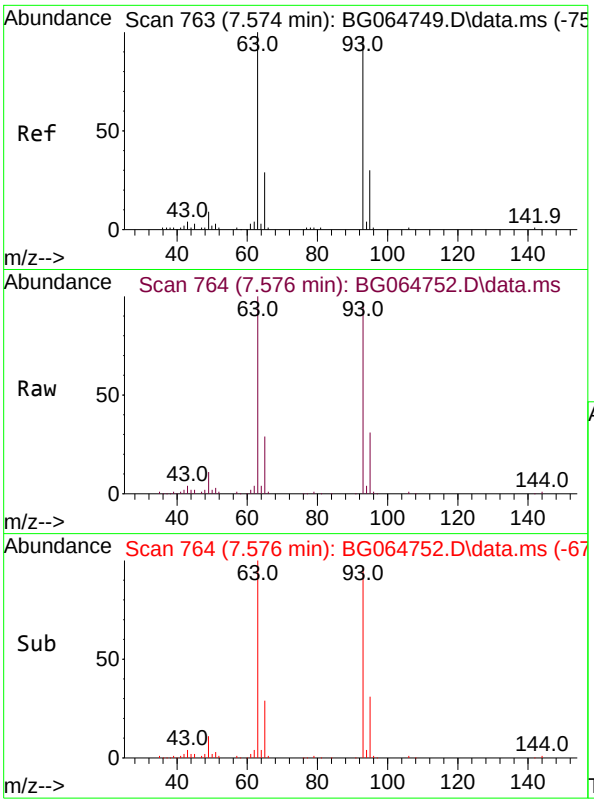



#10
Phenol
Concen: 81.938 ng
RT: 7.341 min Scan# 724
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 94 Resp: 217972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.5 | 17.0 | 57.0 |
| 66 | 49.7 | 29.8 | 69.8 |

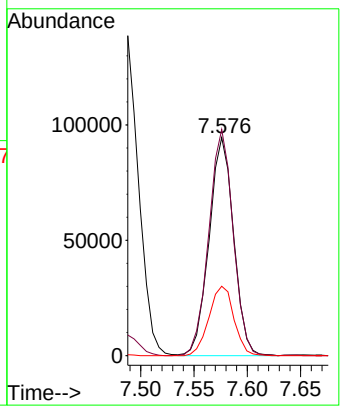





#11
bis(2-Chloroethyl)ether
Concen: 79.766 ng
RT: 7.576 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 93 Resp: 15099

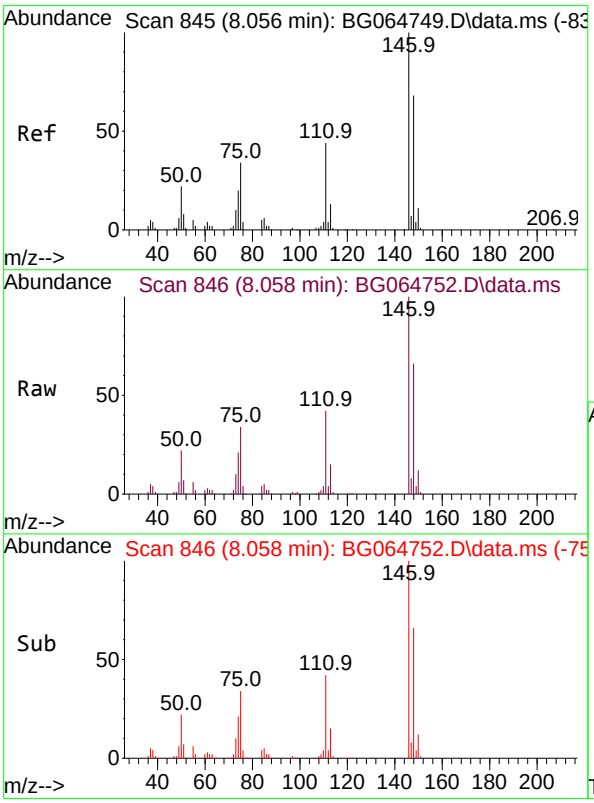
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 103.7 | 81.8 | 121.8 |
| 95 | 31.8 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

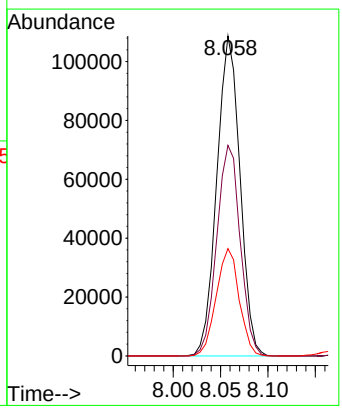
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

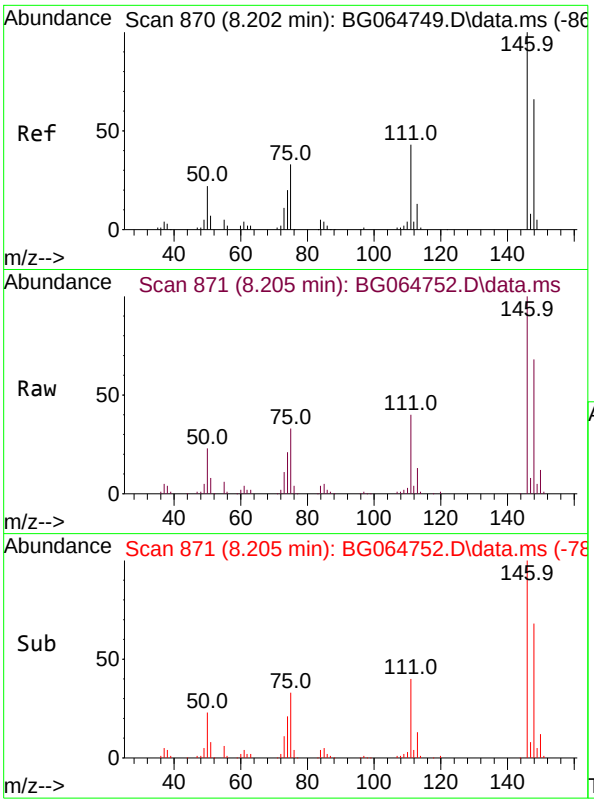



#12
1,3-Dichlorobenzene
Concen: 79.580 ng
RT: 8.058 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:146 Resp: 184833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.8 | 54.6 | 82.0 |
| 75 | 33.5 | 27.6 | 41.4 |

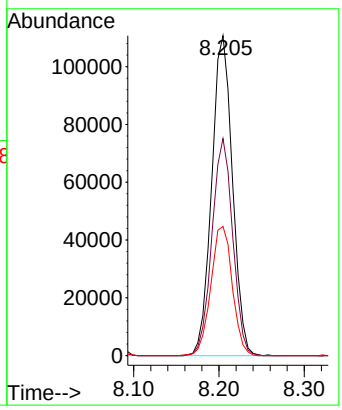





#13
1,4-Dichlorobenzene
Concen: 79.042 ng
RT: 8.205 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:146 Resp: 18693

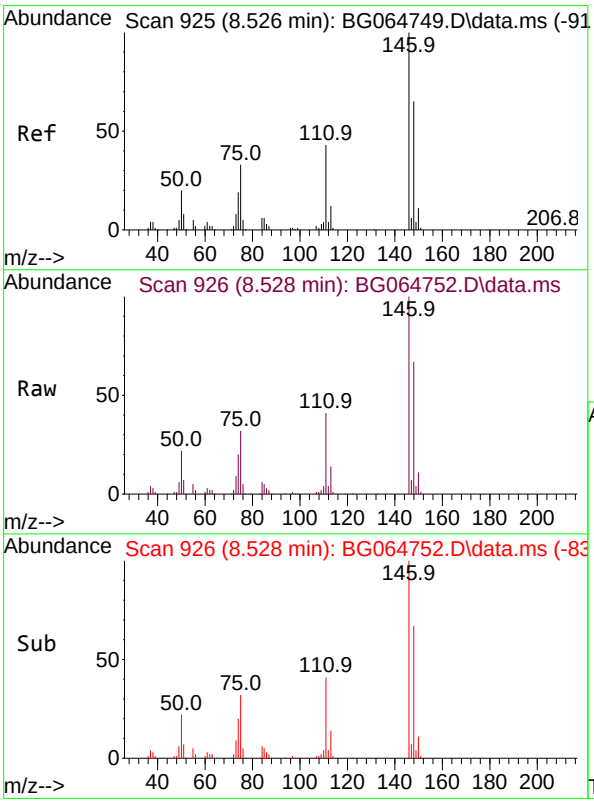
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.8 | 53.1 | 79.7 |
| 111 | 40.4 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

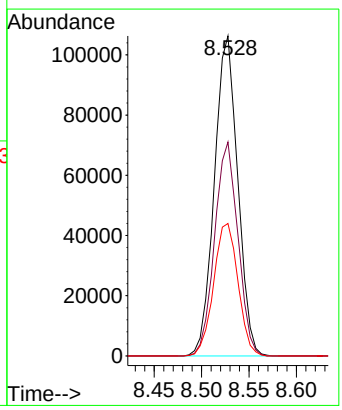
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

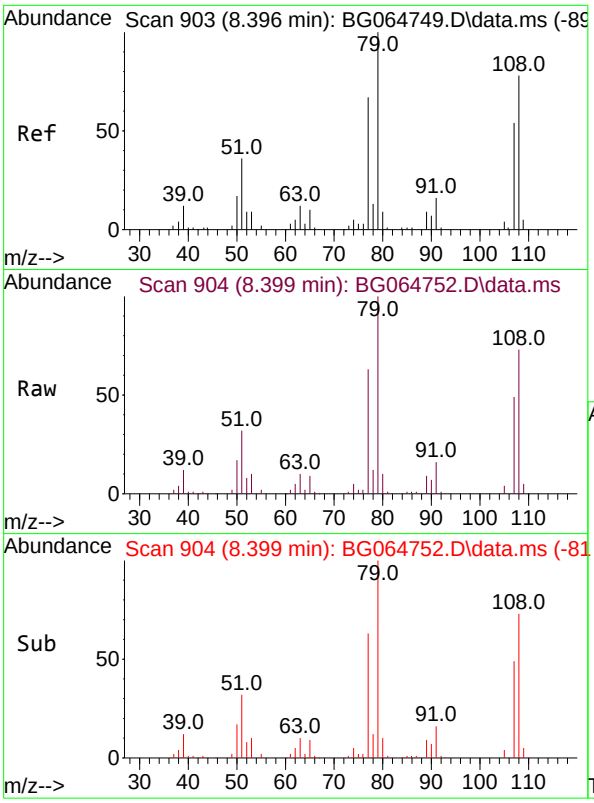



#14
1,2-Dichlorobenzene
Concen: 79.436 ng
RT: 8.528 min Scan# 926
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:146 Resp: 182159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.8 | 52.0 | 78.0 |
| 111 | 41.4 | 34.7 | 52.1 |

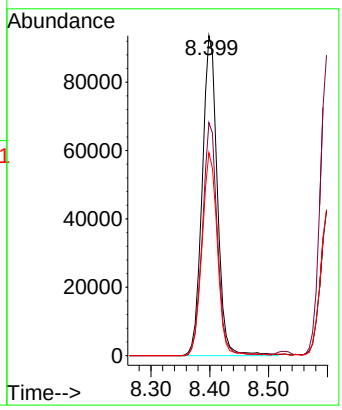





#15
Benzyl Alcohol
Concen: 83.145 ng
RT: 8.399 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 79 Resp: 16686

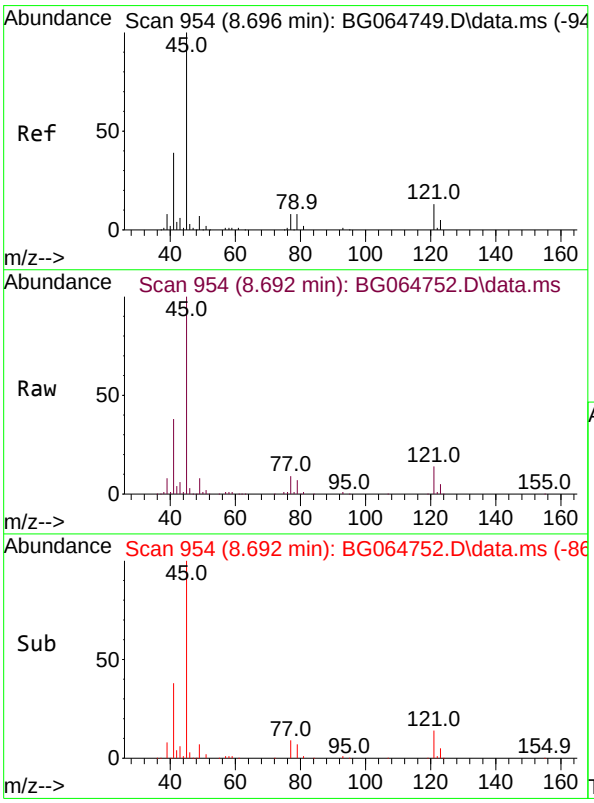
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.8 | 62.3 | 93.5 |
| 77 | 63.4 | 53.5 | 80.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

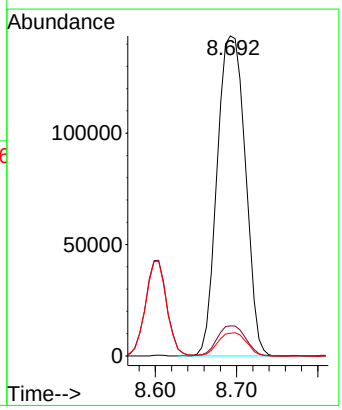
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

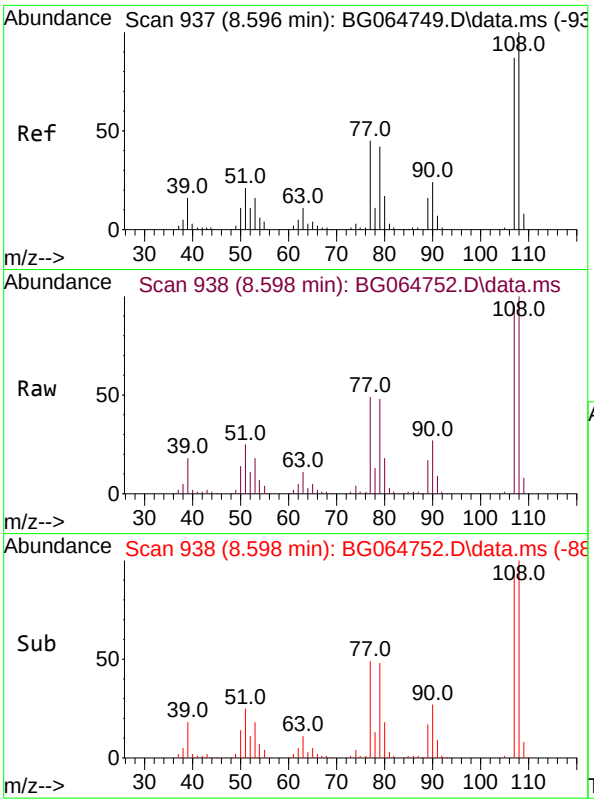



#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.148 ng
RT: 8.692 min Scan# 954
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 45 Resp: 345673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.4 | 0.0 | 28.8 |
| 79 | 7.1 | 0.0 | 28.1 |

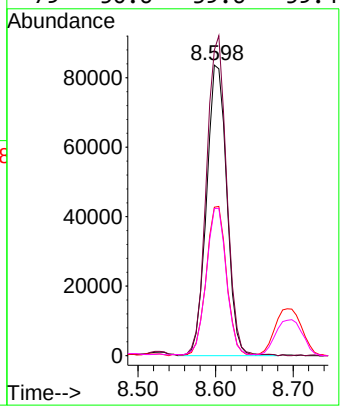





#17
2-Methylphenol
Concen: 80.814 ng
RT: 8.598 min Scan# 9
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:107 Resp: 15211

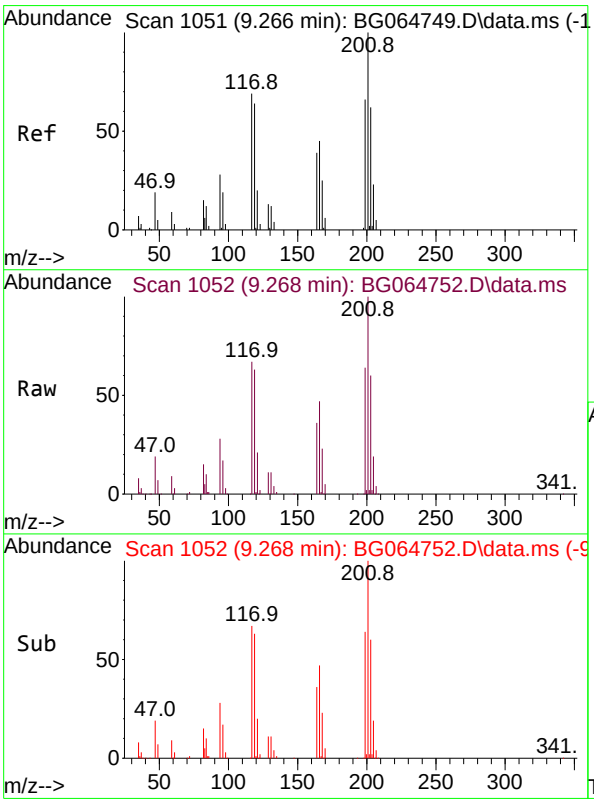
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 105.2 | 92.6 | 138.8 |
| 77 | 51.1 | 41.2 | 61.8 |
| 79 | 50.6 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

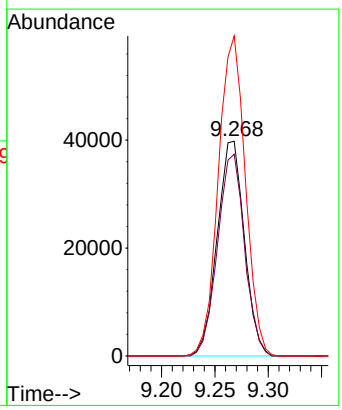
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

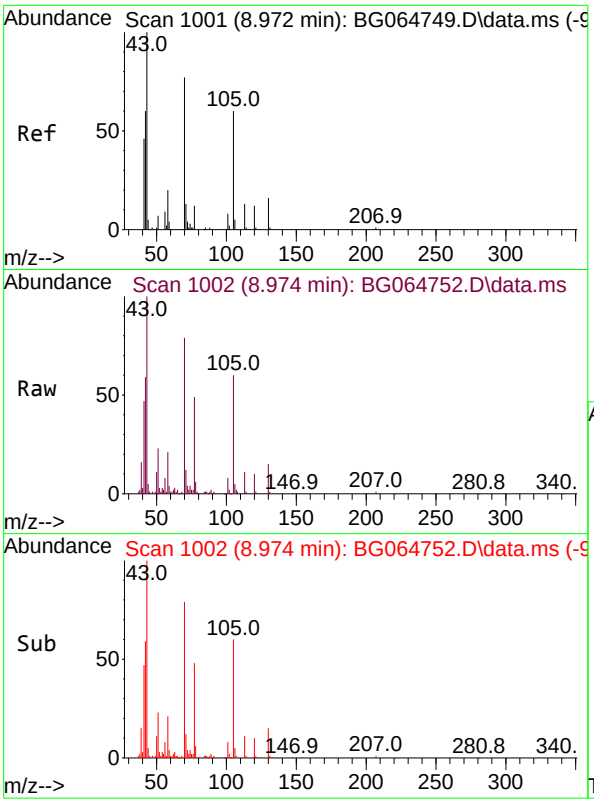



#18
Hexachloroethane
Concen: 78.483 ng
RT: 9.268 min Scan# 1052
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:117 Resp: 70302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.0 | 74.4 | 111.6 |
| 201 | 149.1 | 116.5 | 174.7 |

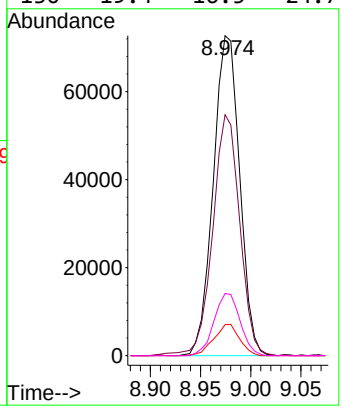





#19
n-Nitroso-di-n-propylamine
Concen: 80.726 ng
RT: 8.974 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 70 Resp: 13345

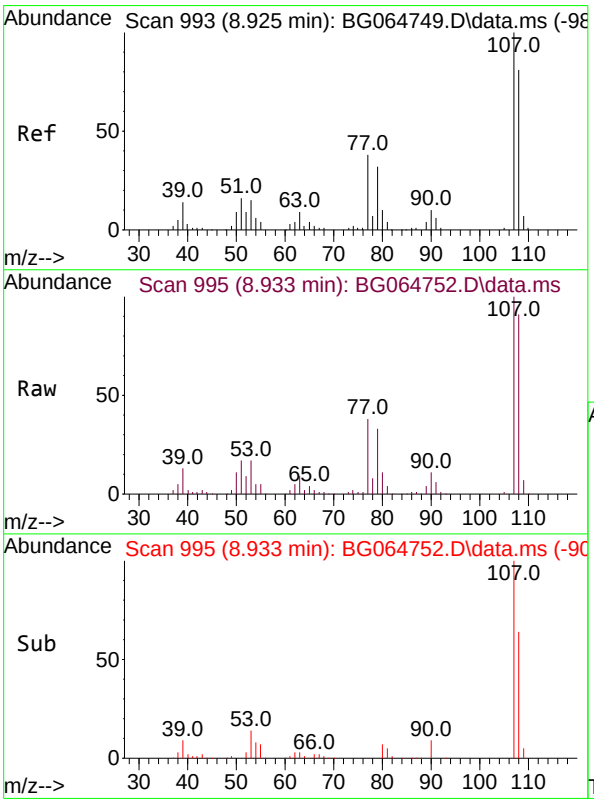
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 75.3 | 62.6 | 93.8 |
| 101 | 9.7 | 8.0 | 12.0 |
| 130 | 19.4 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

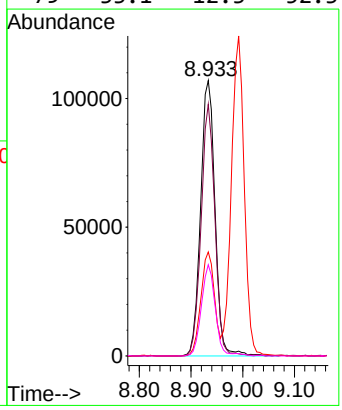
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

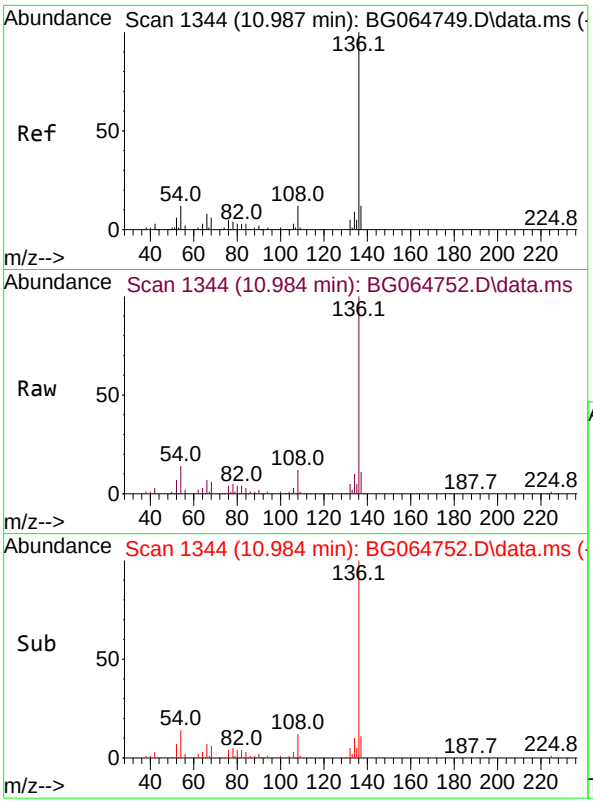



#20
3+4-Methylphenols
Concen: 80.182 ng
RT: 8.933 min Scan# 995
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:107 Resp: 206758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.4 | 61.0 | 101.0 |
| 77 | 37.8 | 17.6 | 57.6 |
| 79 | 33.1 | 12.3 | 52.3 |

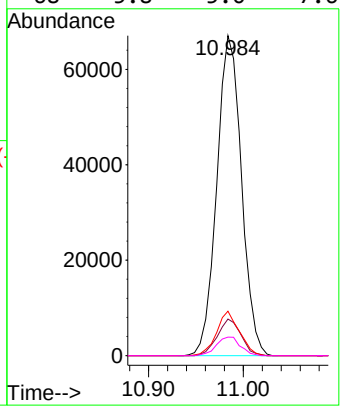





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:136 Resp: 12126

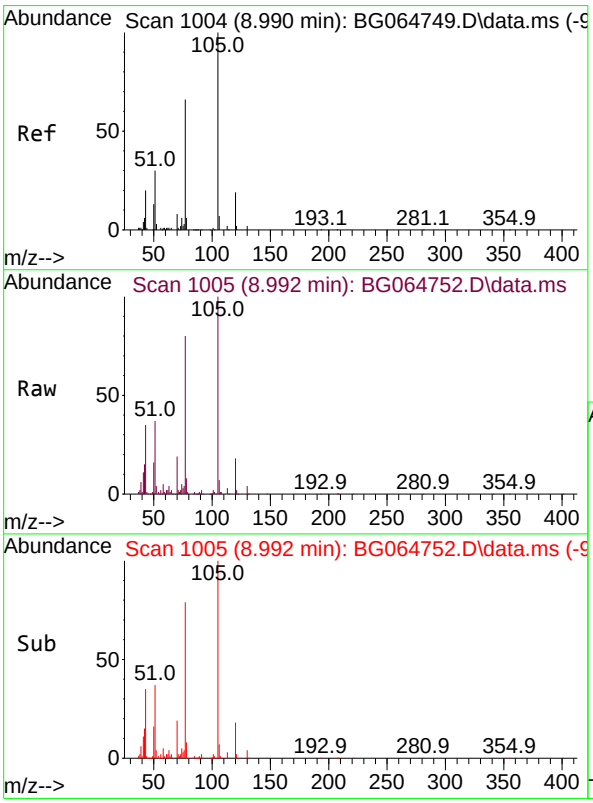
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.3 | 13.9 |
| 54 | 13.9 | 9.3 | 13.9 |
| 68 | 5.8 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

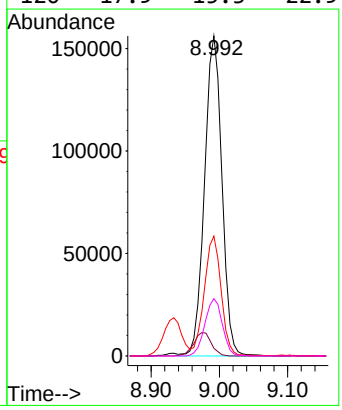
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

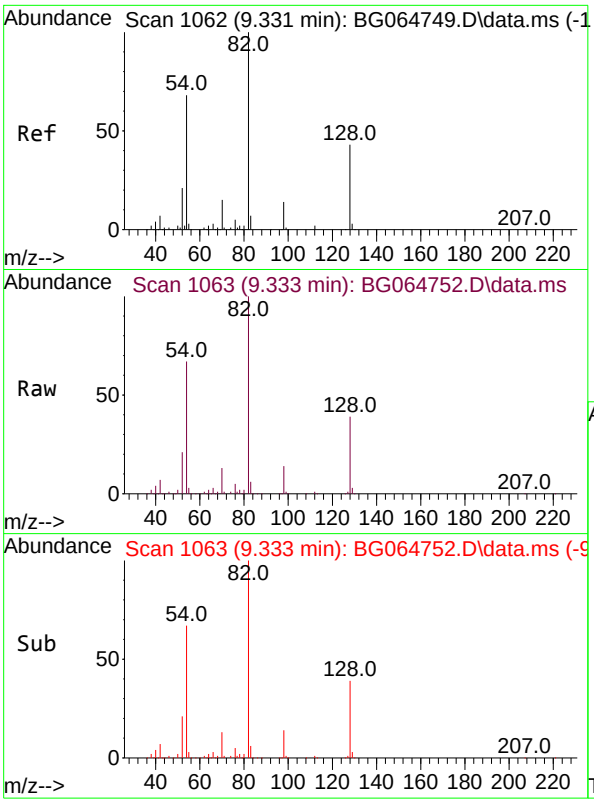



#22
Acetophenone
Concen: 83.774 ng
RT: 8.992 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:105 Resp: 276774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.4 | 1.3 | 1.9# |
| 51 | 37.4 | 27.9 | 41.9 |
| 120 | 17.9 | 15.3 | 22.9 |

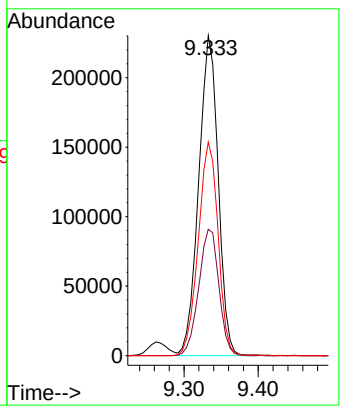





#23
Nitrobenzene-d5
Concen: 171.129 ng
RT: 9.333 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 82 Resp: 41972

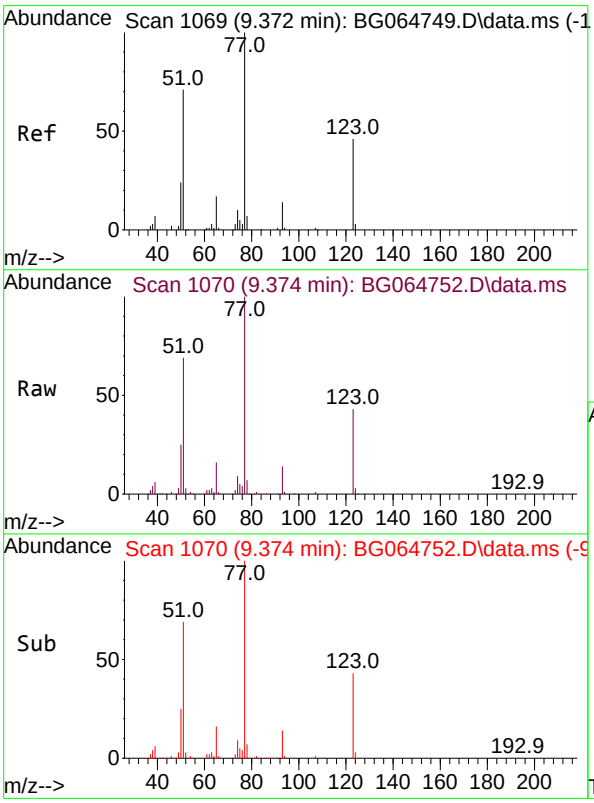
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.5 | 34.1 | 51.1 |
| 54 | 66.7 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

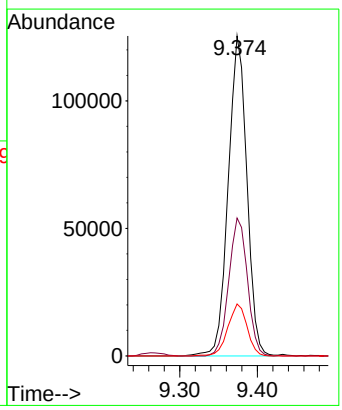
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

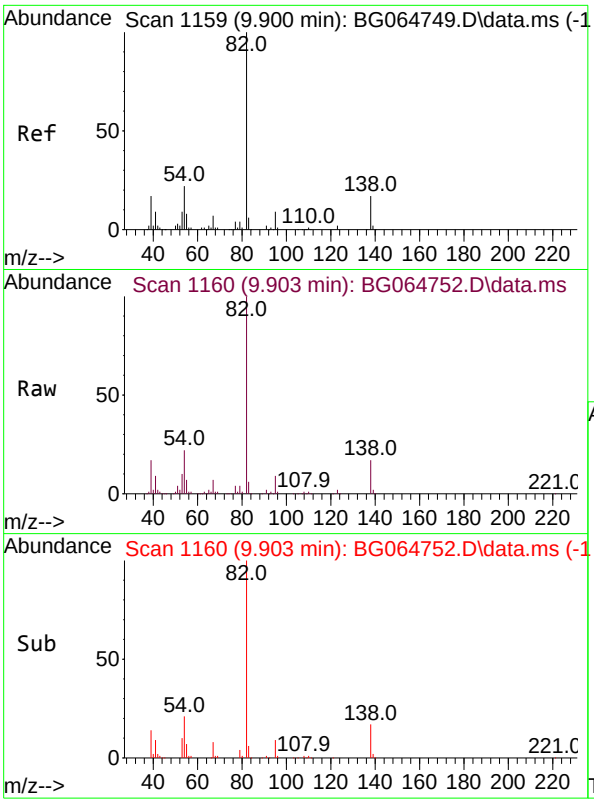



#24
Nitrobenzene
Concen: 84.650 ng
RT: 9.374 min Scan# 1070
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 77 Resp: 209778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.1 | 36.5 | 54.7 |
| 65 | 16.2 | 13.5 | 20.3 |

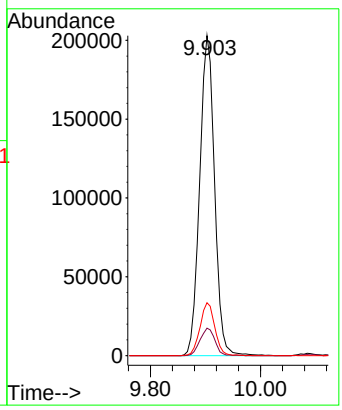





#25
Isophorone
Concen: 81.460 ng
RT: 9.903 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 82 Resp: 380468

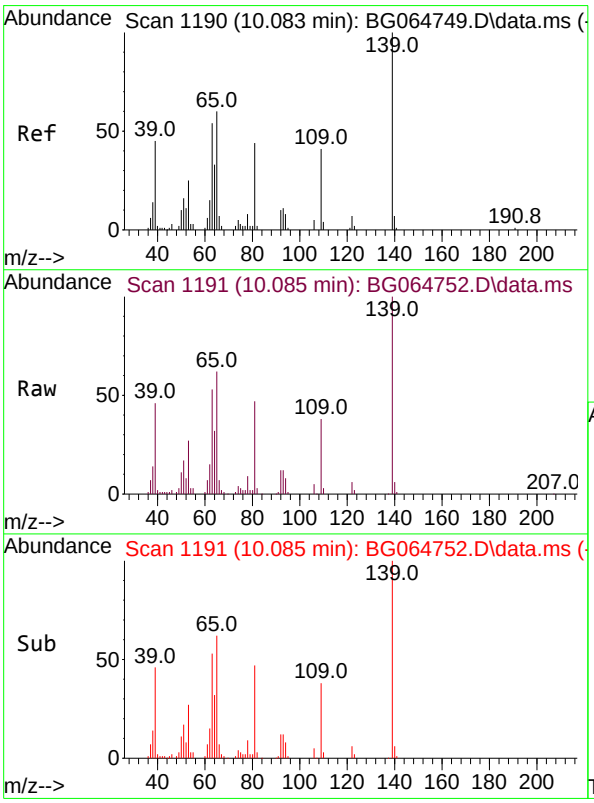
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.6 | 6.9 | 10.3 |
| 138 | 16.5 | 13.9 | 20.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

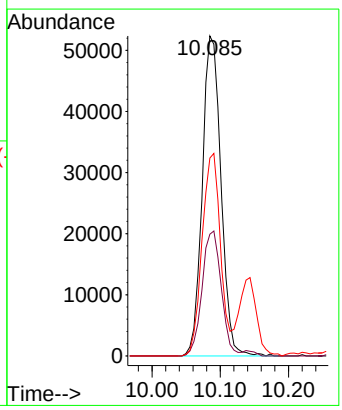
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

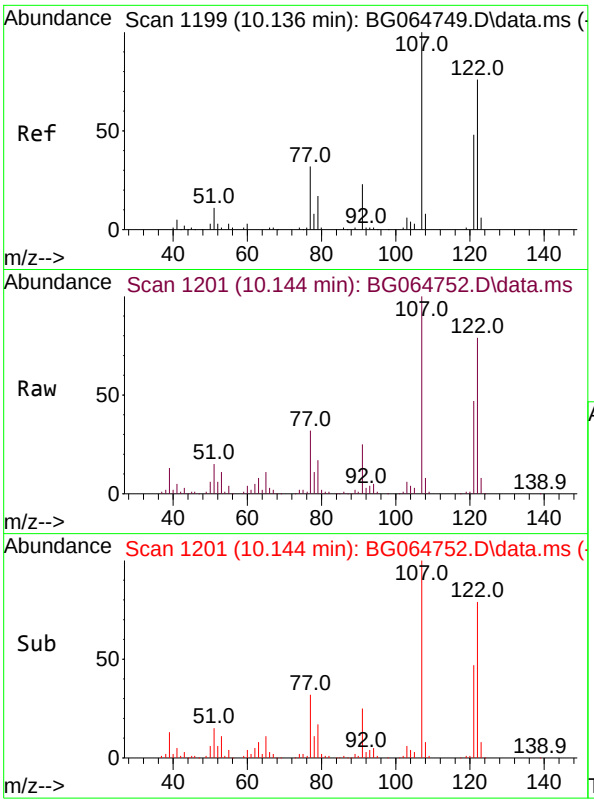



#26
2-Nitrophenol
Concen: 89.526 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:139 Resp: 99793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 38.0 | 32.5 | 48.7 |
| 65 | 61.8 | 47.6 | 71.4 |

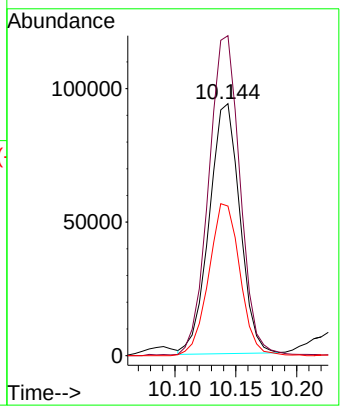





#27
2,4-Dimethylphenol
Concen: 82.812 ng
RT: 10.144 min Scan# 1
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:122 Resp: 16399

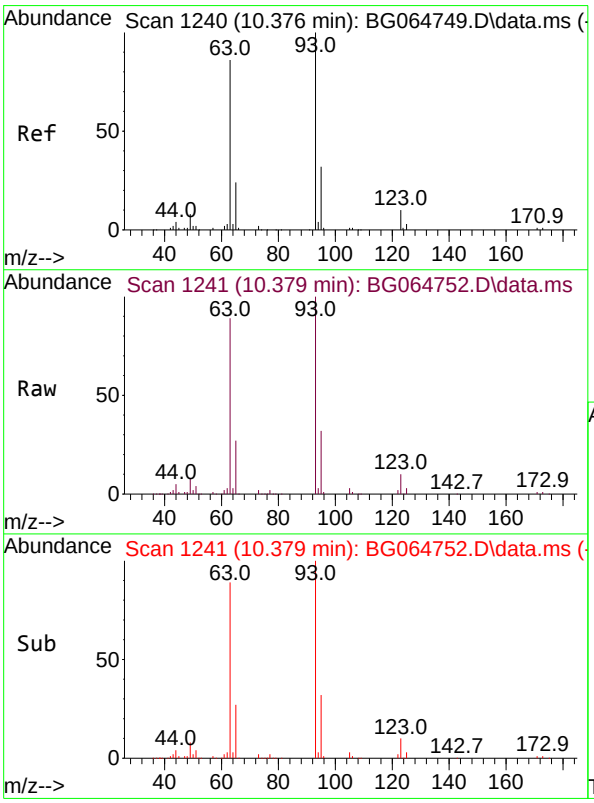
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 127.1 | 102.5 | 153.7 |
| 121 | 59.4 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

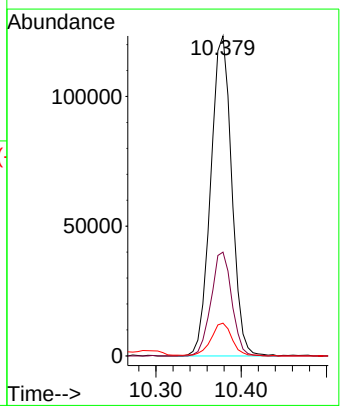
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

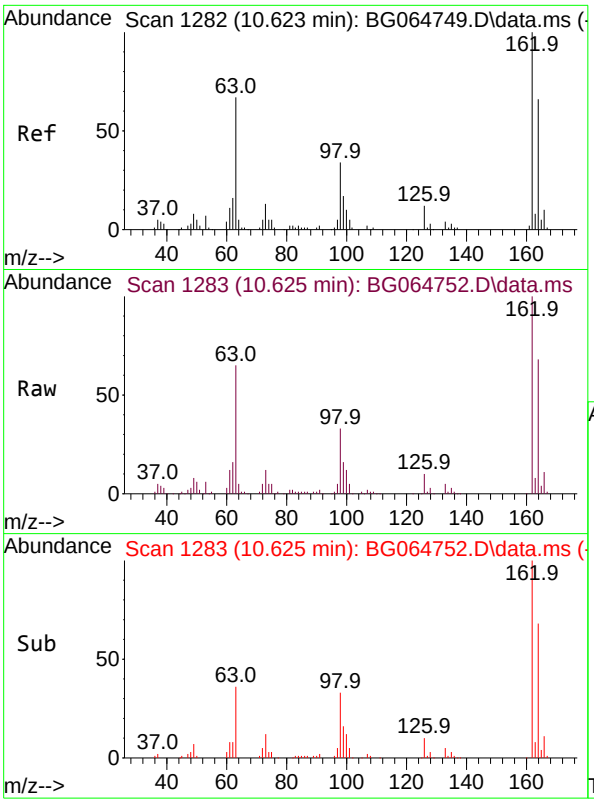



#28
bis(2-Chloroethoxy)methane
Concen: 82.303 ng
RT: 10.379 min Scan# 1241
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 93 Resp: 211036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 25.4 | 38.2 |
| 123 | 10.2 | 8.1 | 12.1 |

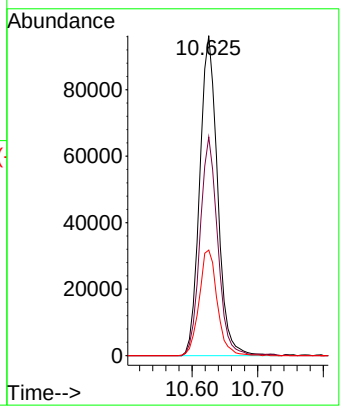





#29
2,4-Dichlorophenol
Concen: 85.199 ng
RT: 10.625 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:162 Resp: 18114

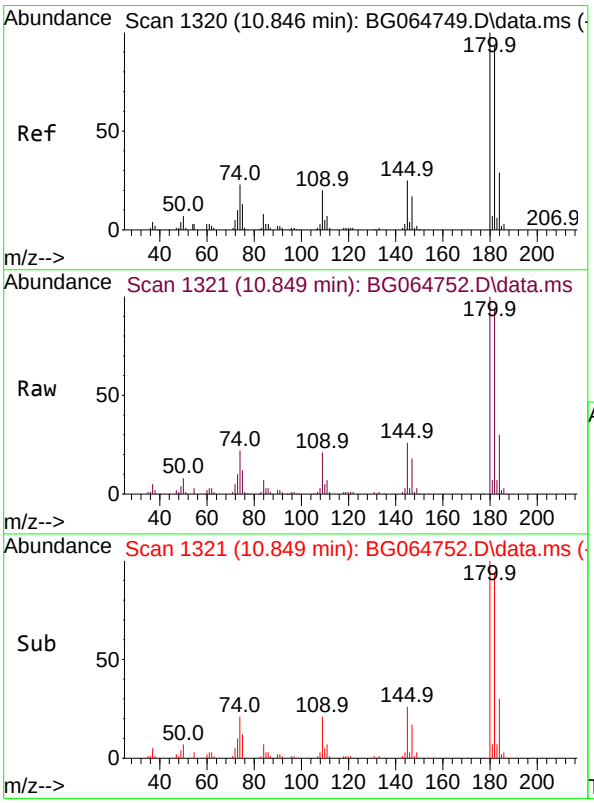
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 68.3 | 46.0 | 86.0 |
| 98 | 33.0 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

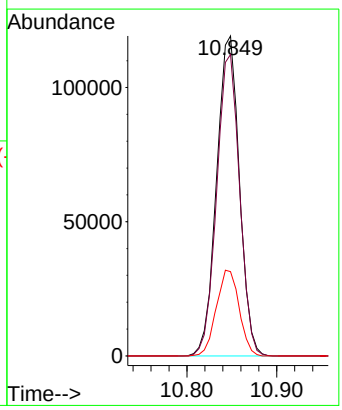
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

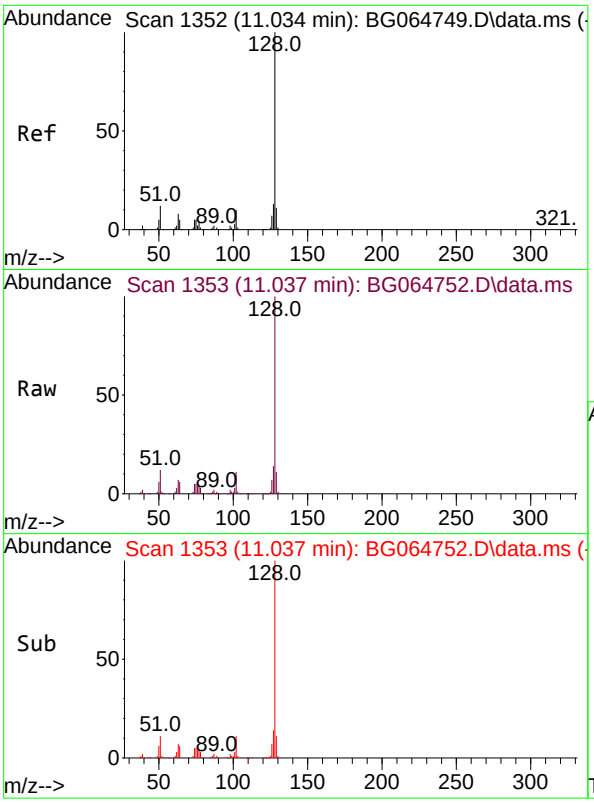



#30
1,2,4-Trichlorobenzene
Concen: 82.282 ng
RT: 10.849 min Scan# 1321
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:180 Resp: 211243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 74.2 | 111.4 |
| 145 | 26.3 | 20.0 | 30.0 |

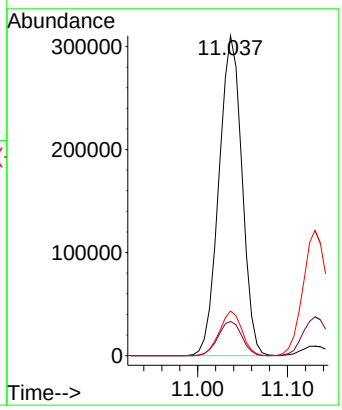





#31
Naphthalene
Concen: 80.791 ng
RT: 11.037 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:128 Resp: 55538

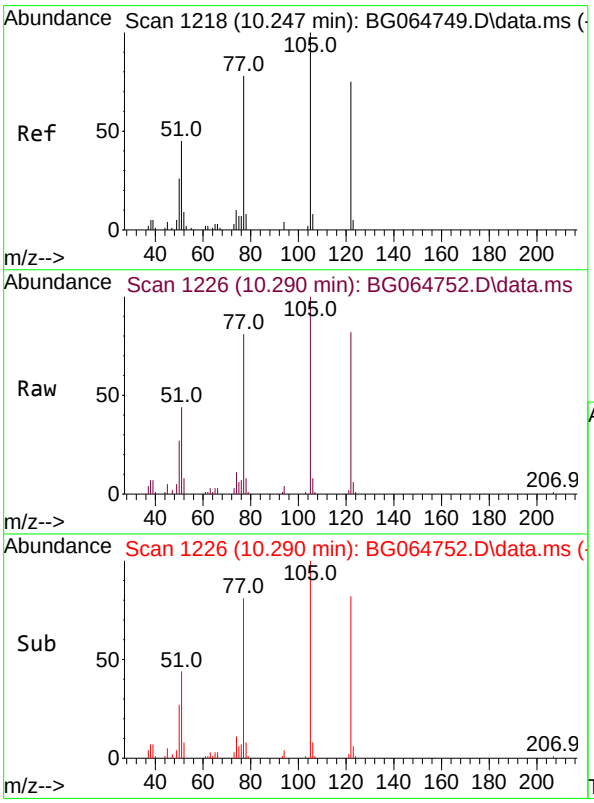
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.6 | 12.8 |
| 127 | 14.0 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

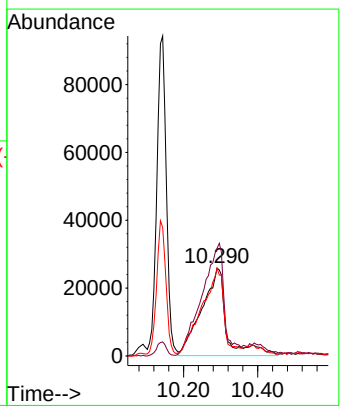
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

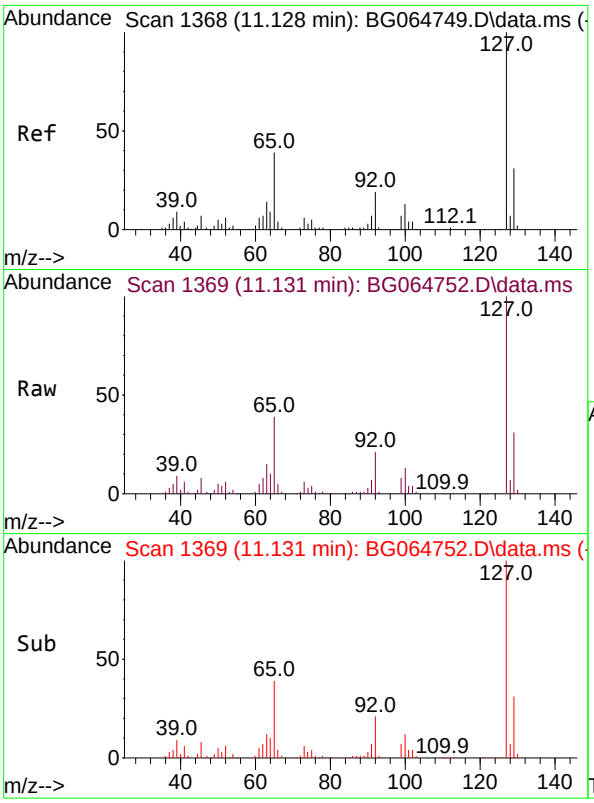



#32
Benzoic acid
Concen: 81.210 ng m
RT: 10.290 min Scan# 1226
Delta R.T. 0.043 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:122 Resp: 120088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.6 | 107.6 | 147.6 |
| 77 | 99.8 | 82.5 | 122.5 |

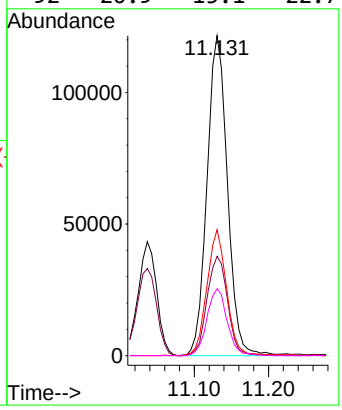





#33
4-Chloroaniline
Concen: 84.507 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:127 Resp: 23238

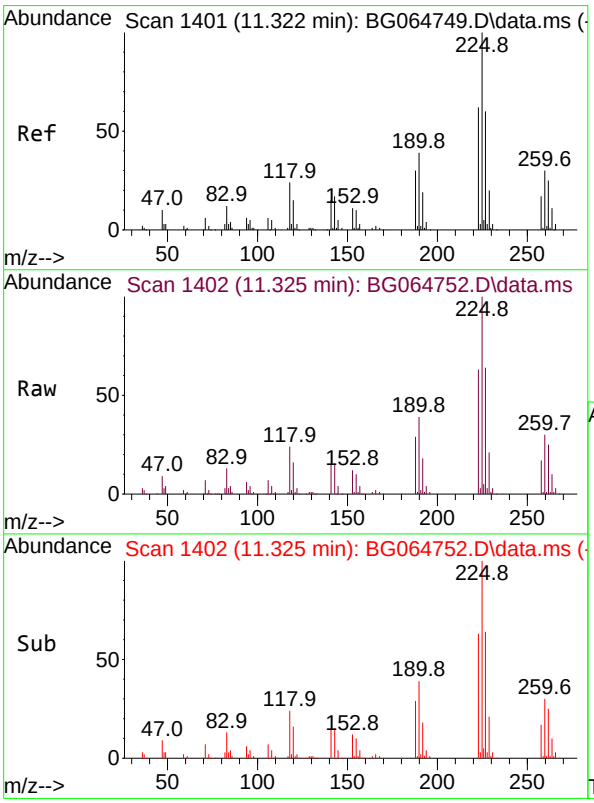
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.0 | 24.9 | 37.3 |
| 65 | 39.3 | 30.9 | 46.3 |
| 92 | 20.9 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

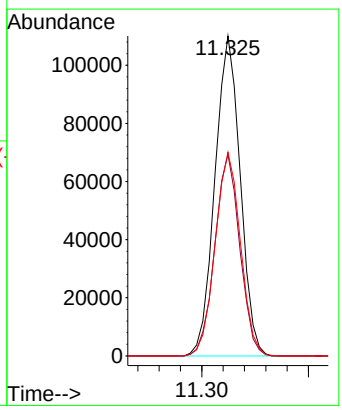
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

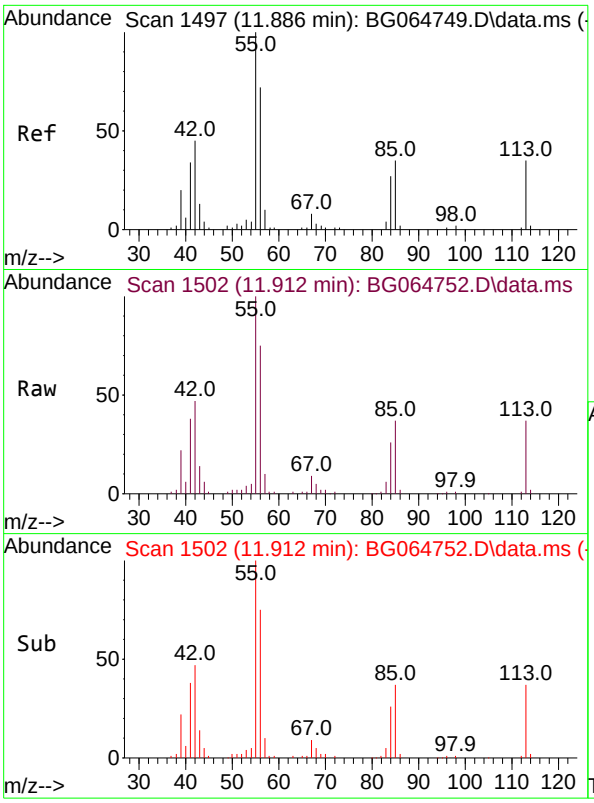



#34
Hexachlorobutadiene
Concen: 82.408 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:225 Resp: 181526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.0 | 49.9 | 74.9 |
| 227 | 63.6 | 50.6 | 75.8 |

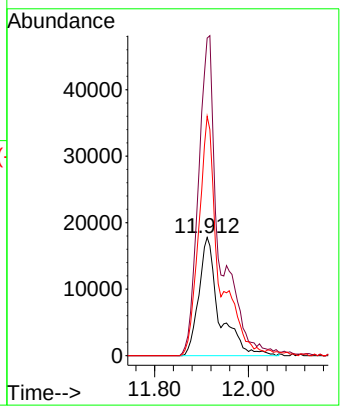





#35
Caprolactam
Concen: 84.873 ng m
RT: 11.912 min Scan# 1
Delta R.T. 0.026 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:113 Resp: 5392

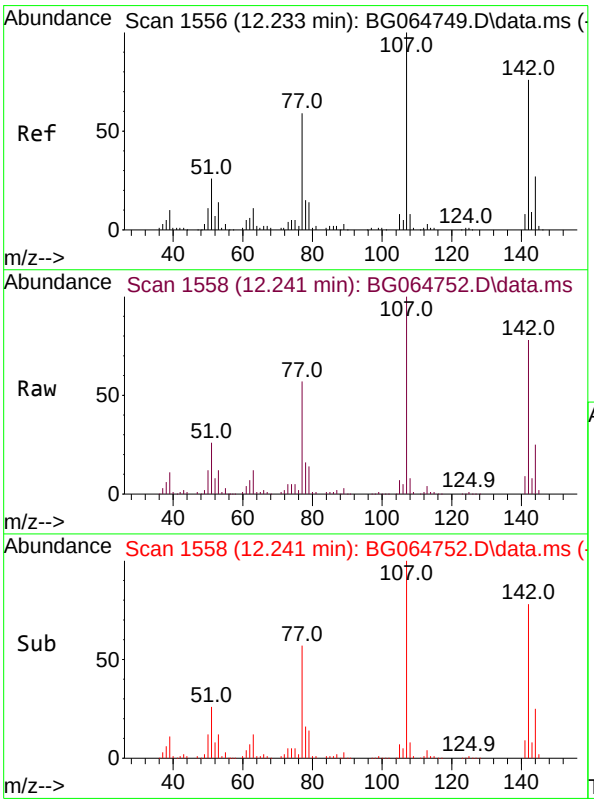
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 268.8 | 263.7 | 303.7 |
| 56 | 202.5 | 184.0 | 224.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

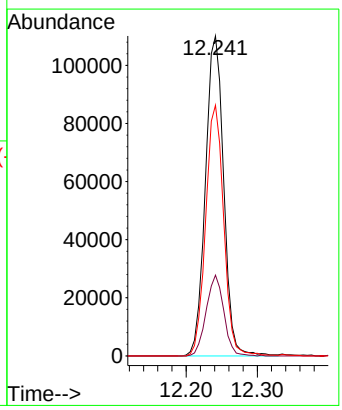
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

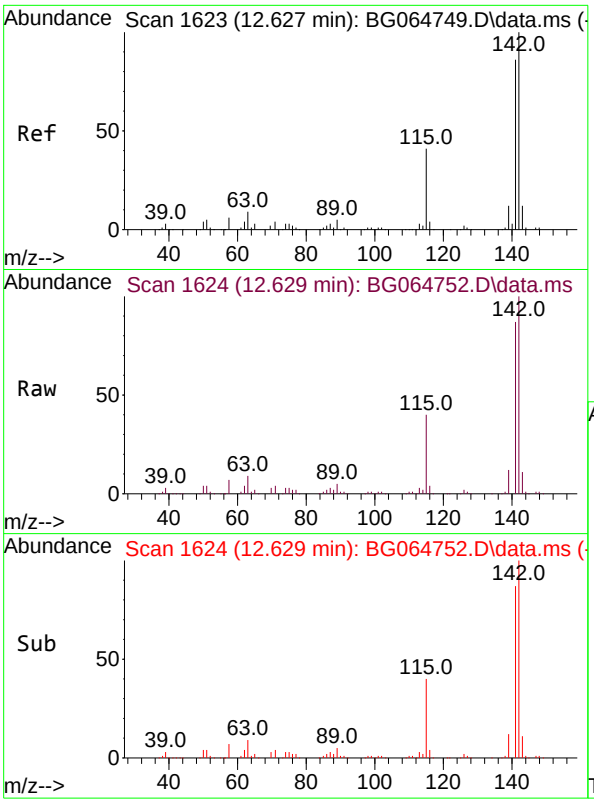



#36
4-Chloro-3-methylphenol
Concen: 82.752 ng
RT: 12.241 min Scan# 1558
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:107 Resp: 195826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.2 | 21.7 | 32.5 |
| 142 | 78.3 | 60.8 | 91.2 |

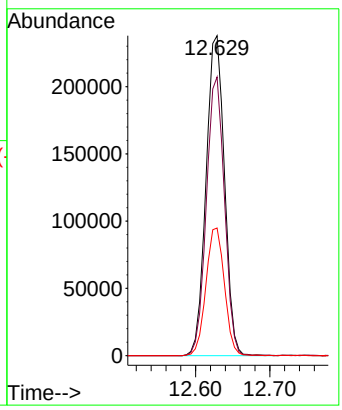





#37
2-Methylnaphthalene
Concen: 79.790 ng
RT: 12.629 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:142 Resp: 41046

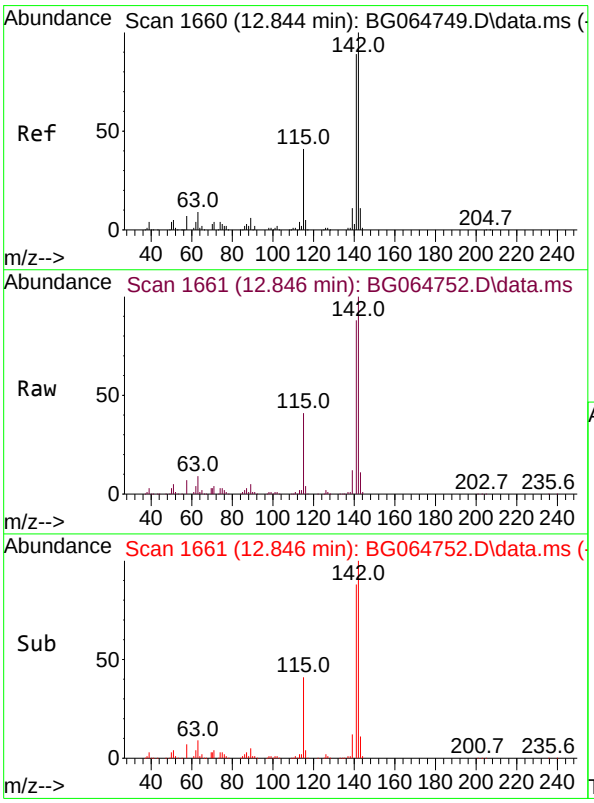
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 69.1 | 103.7 |
| 115 | 39.9 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

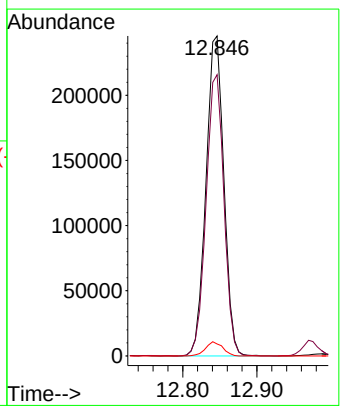
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

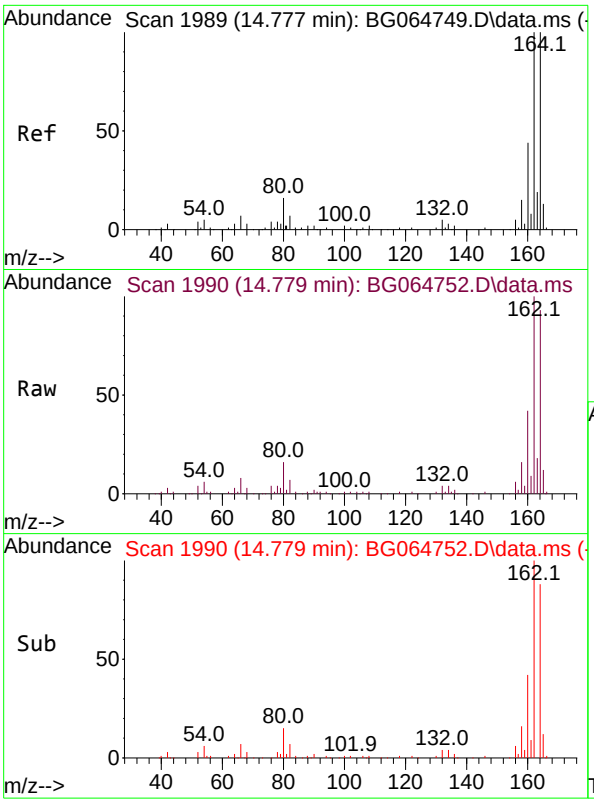



#38
1-Methylnaphthalene
Concen: 80.251 ng
RT: 12.846 min Scan# 1661
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:142 Resp: 410081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 70.8 | 106.2 |
| 116 | 3.7 | 3.7 | 5.5 |

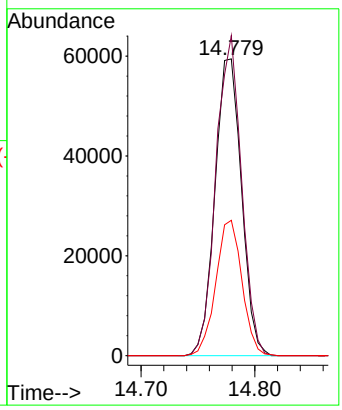





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.779 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:164 Resp: 9650

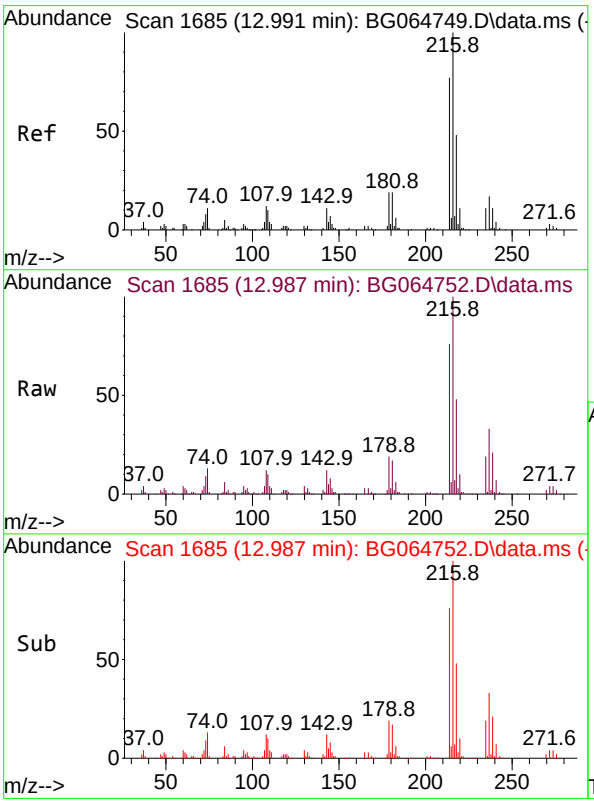
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.8 | 79.8 | 119.6 |
| 160 | 45.6 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

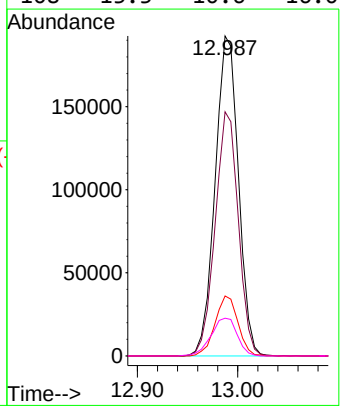
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

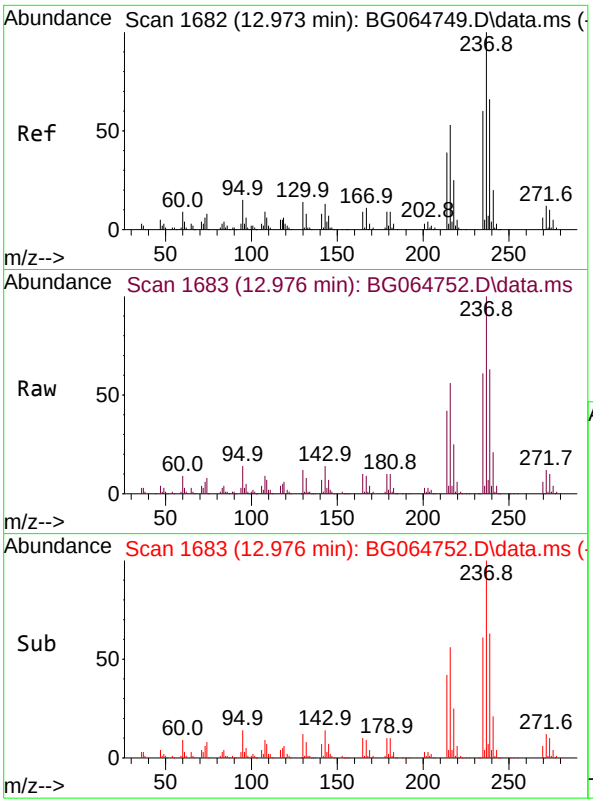



#40
1,2,4,5-Tetrachlorobenzene
Concen: 82.792 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:216 Resp: 310941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 75.7 | 60.5 | 90.7 |
| 179 | 18.4 | 14.7 | 22.1 |
| 108 | 13.3 | 10.6 | 16.0 |

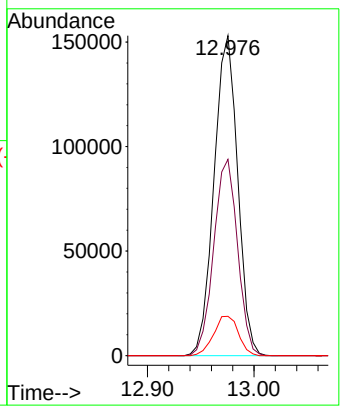





#41
Hexachlorocyclopentadiene
Concen: 87.822 ng
RT: 12.976 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:237 Resp: 23641

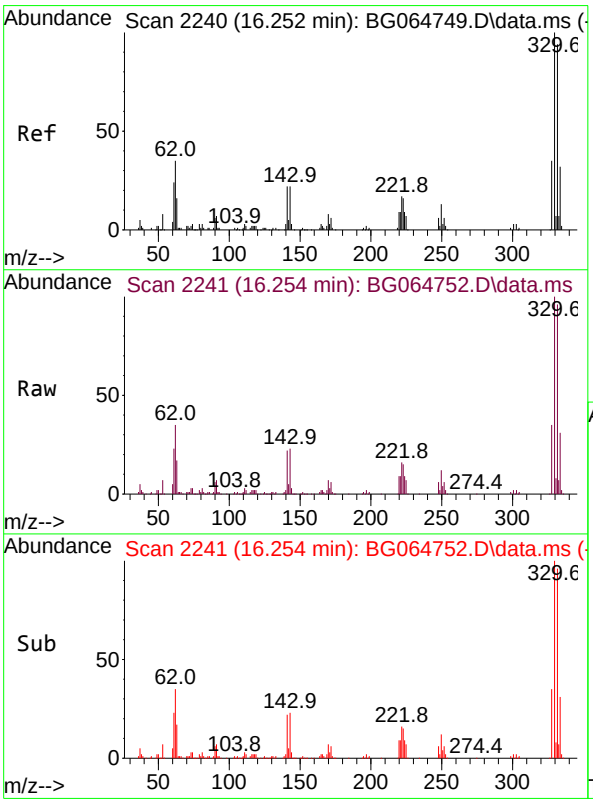
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.3 | 40.2 | 80.2 |
| 272 | 12.3 | 0.0 | 31.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

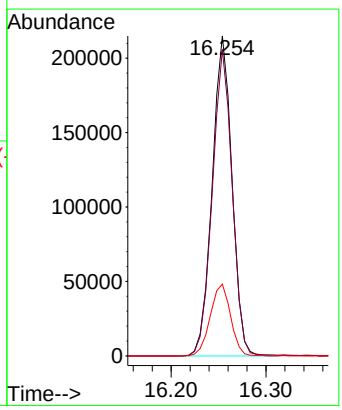
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

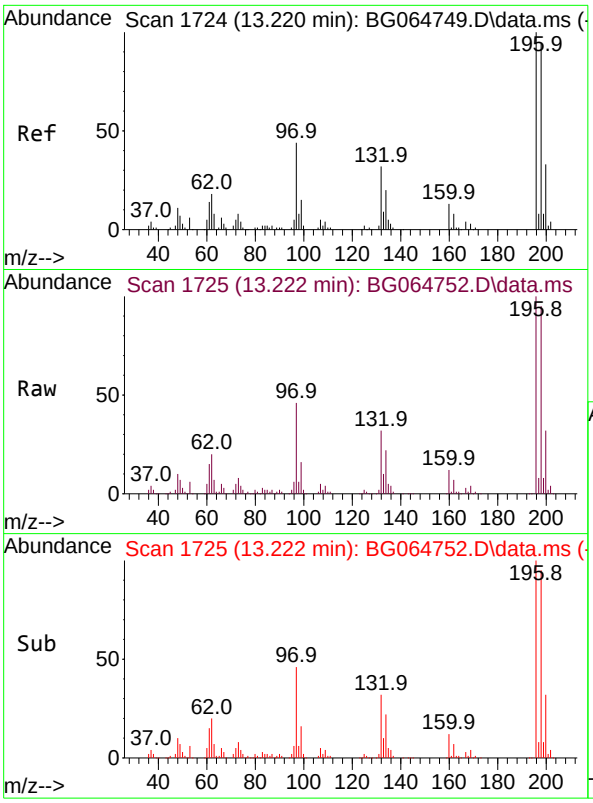



#42
2,4,6-Tribromophenol
Concen: 165.530 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:330 Resp: 311552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.0 | 115.6 |
| 141 | 23.0 | 18.2 | 27.2 |

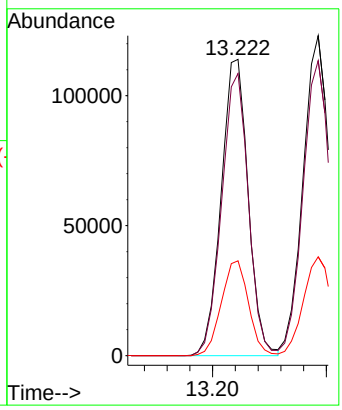





#43
2,4,6-Trichlorophenol
Concen: 85.368 ng
RT: 13.222 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:196 Resp: 18817

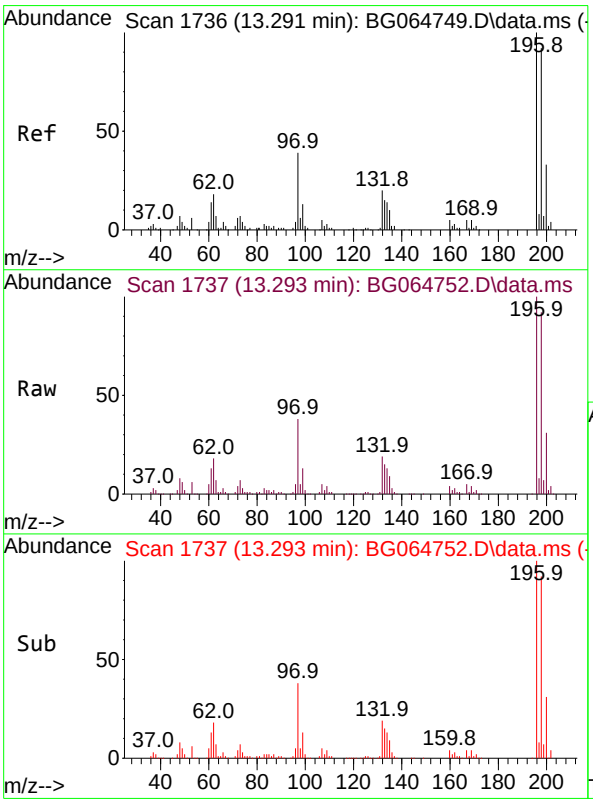
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.2 | 75.3 | 112.9 |
| 200 | 32.0 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

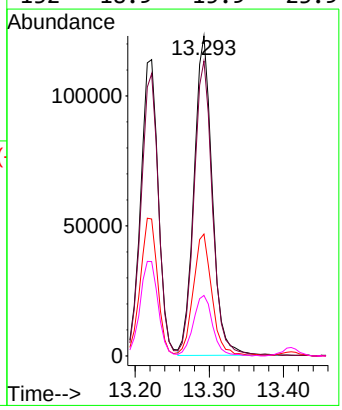
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

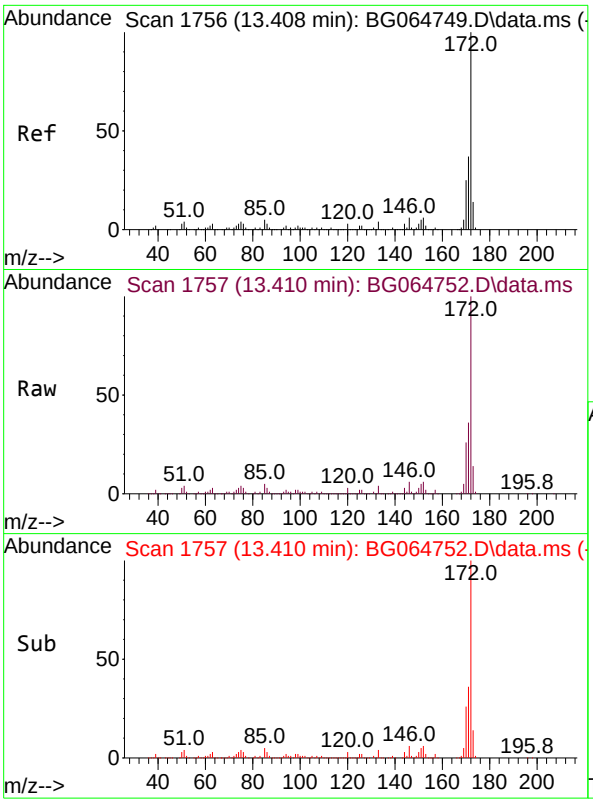



#44
2,4,5-Trichlorophenol
Concen: 84.775 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:196 Resp: 209584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.2 | 73.2 | 109.8 |
| 97 | 38.1 | 31.4 | 47.0 |
| 132 | 18.9 | 15.9 | 23.9 |

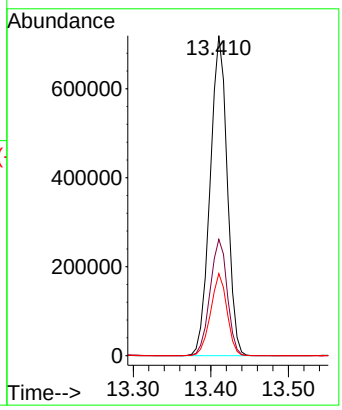





#45
2-Fluorobiphenyl
Concen: 158.776 ng
RT: 13.410 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:172 Resp: 109813

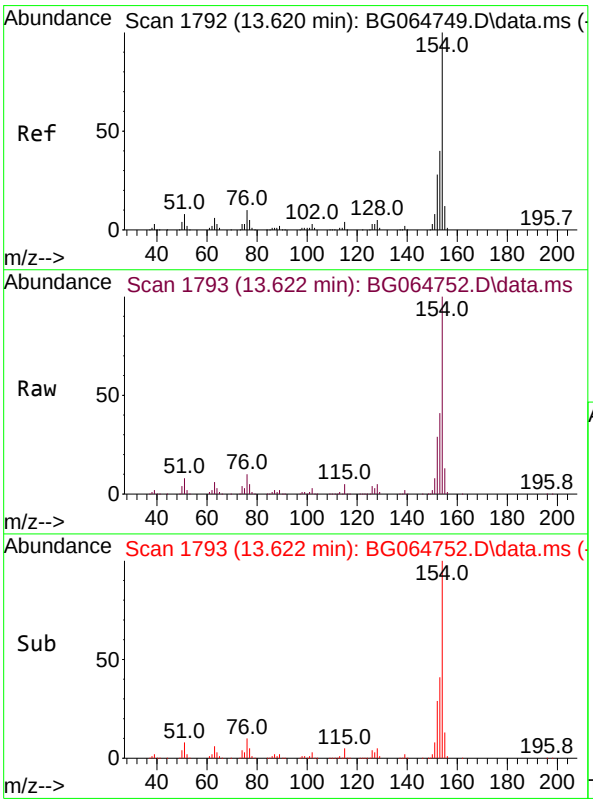
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.9 | 44.9 |
| 170 | 25.6 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

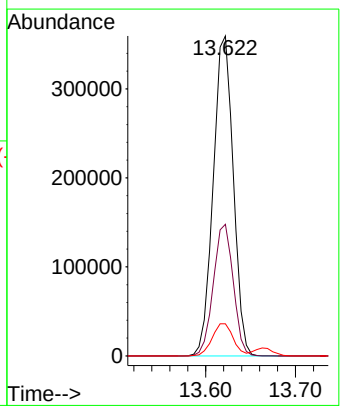
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

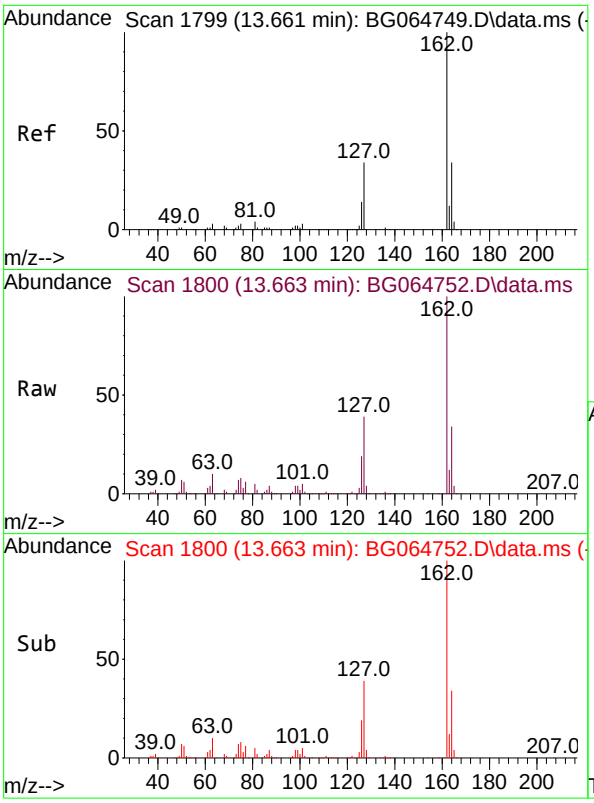



#46
1,1'-Biphenyl
Concen: 80.715 ng
RT: 13.622 min Scan# 1793
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:154 Resp: 559459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 19.8 | 59.8 |
| 76 | 10.0 | 0.0 | 30.0 |

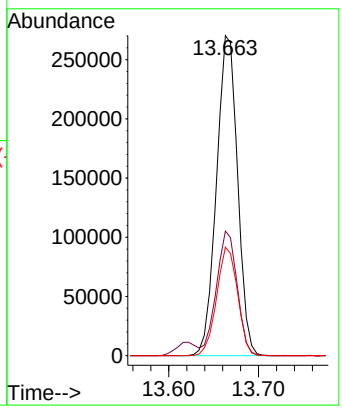





#47
2-Chloronaphthalene
Concen: 81.020 ng
RT: 13.663 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:162 Resp: 44242

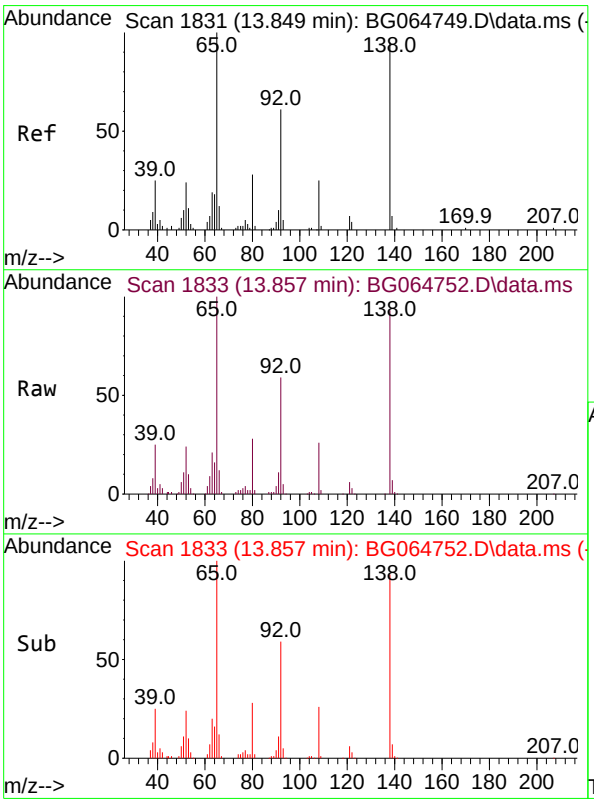
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.9 | 30.3 | 45.5 |
| 164 | 33.9 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

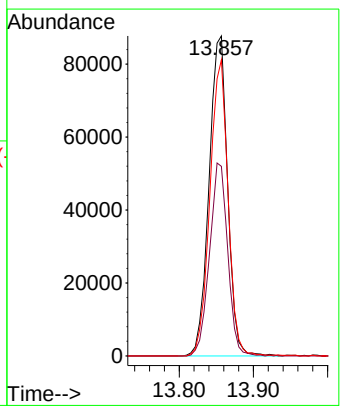
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

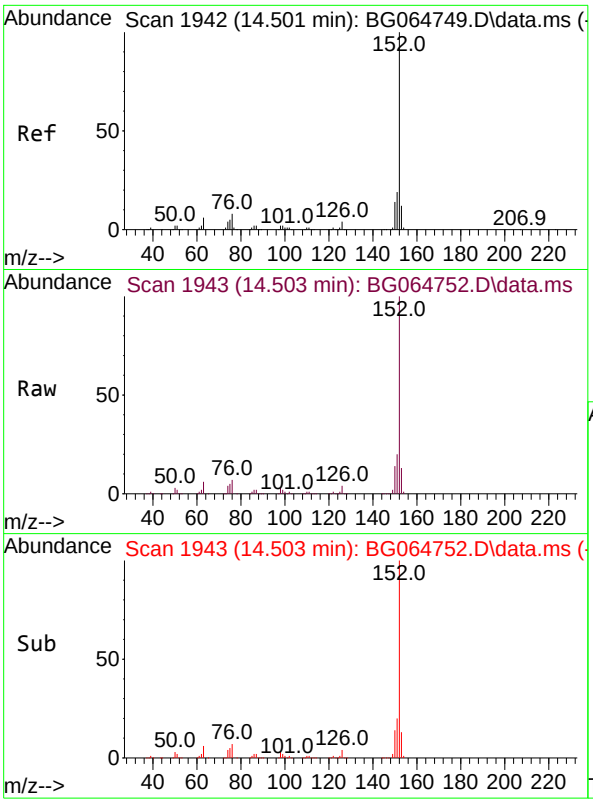



#48
2-Nitroaniline
Concen: 86.588 ng
RT: 13.857 min Scan# 1833
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 65 Resp: 152081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 59.2 | 48.6 | 73.0 |
| 138 | 92.5 | 76.4 | 114.6 |

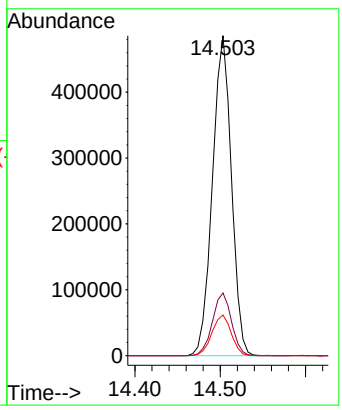





#49
Acenaphthylene
Concen: 80.362 ng
RT: 14.503 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:152 Resp: 74970

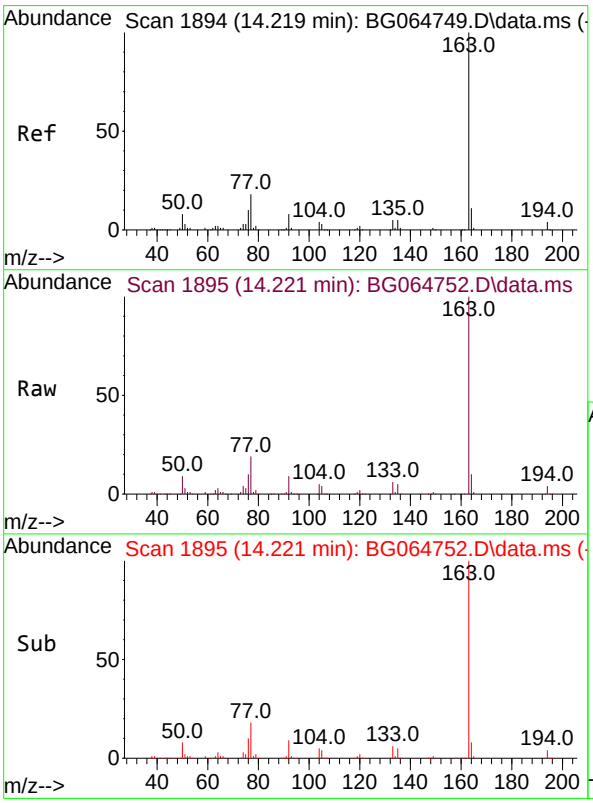
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.0 | 22.4 |
| 153 | 12.7 | 9.9 | 14.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

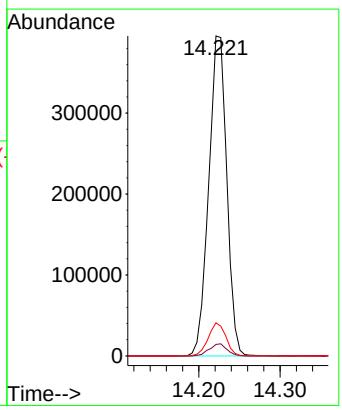
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

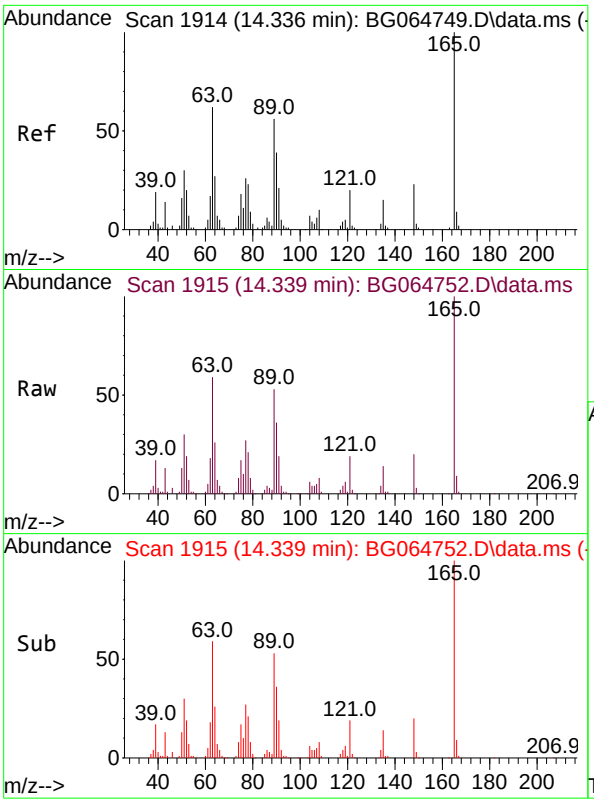



#50
Dimethylphthalate
Concen: 80.043 ng
RT: 14.221 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:163 Resp: 610187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.1 | 4.7 |
| 164 | 10.3 | 8.6 | 12.8 |

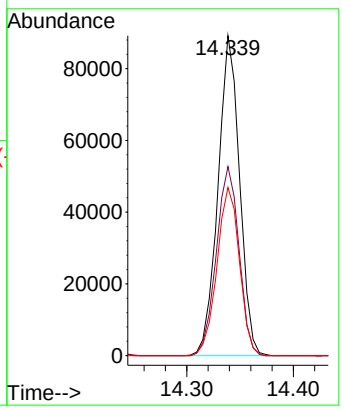





#51
2,6-Dinitrotoluene
Concen: 85.533 ng
RT: 14.339 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:165 Resp: 12546

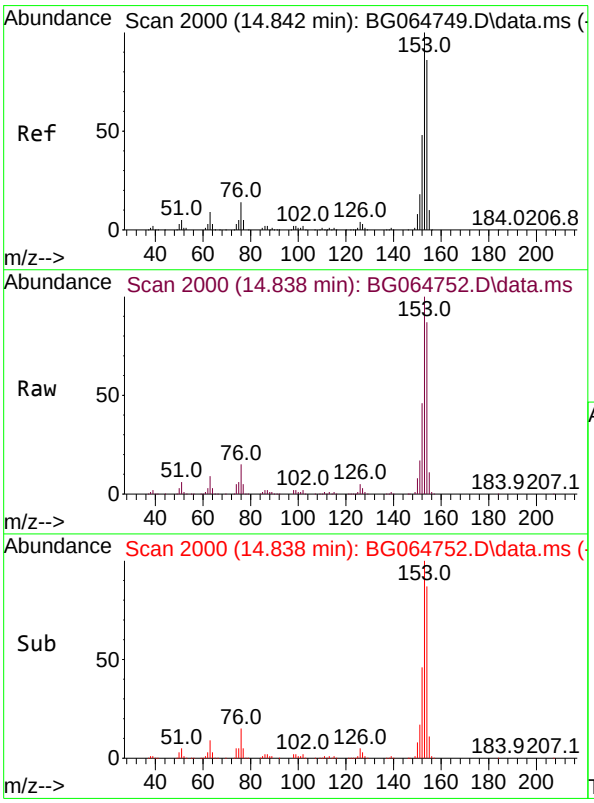
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.1 | 49.8 | 74.8 |
| 89 | 52.5 | 45.0 | 67.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

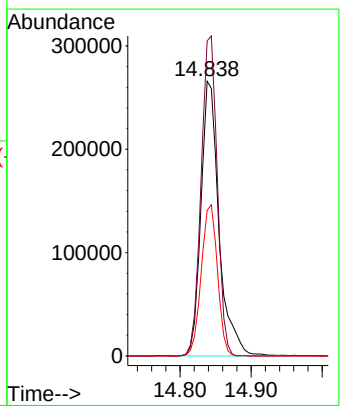
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

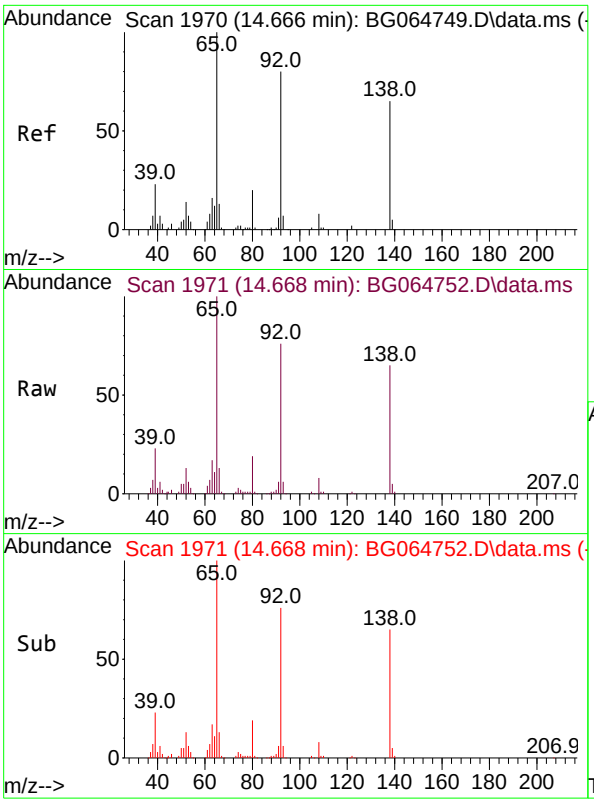



#52
Acenaphthene
Concen: 83.664 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:154 Resp: 467978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.7 | 93.0 | 139.4 |
| 152 | 53.0 | 44.4 | 66.6 |






#53
3-Nitroaniline
Concen: 86.095 ng
RT: 14.668 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

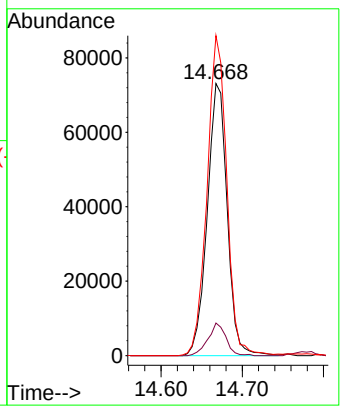
Tgt Ion:138 Resp: 12464

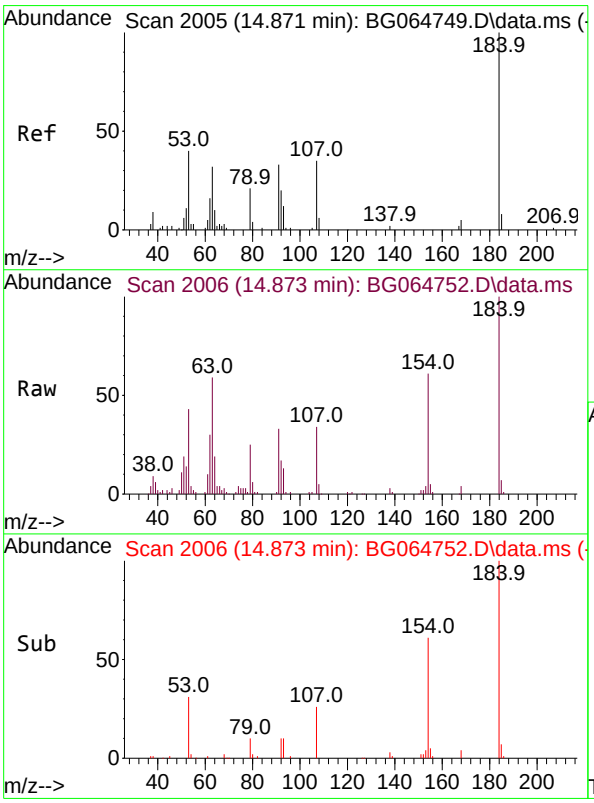
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 12.0 | 9.5 | 14.3 |
| 92 | 117.6 | 99.0 | 148.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

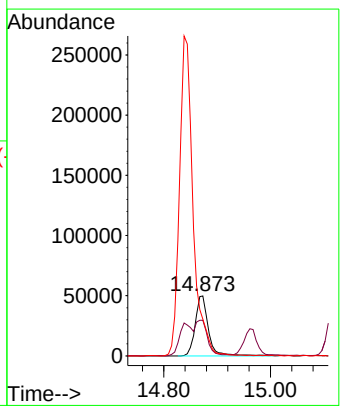


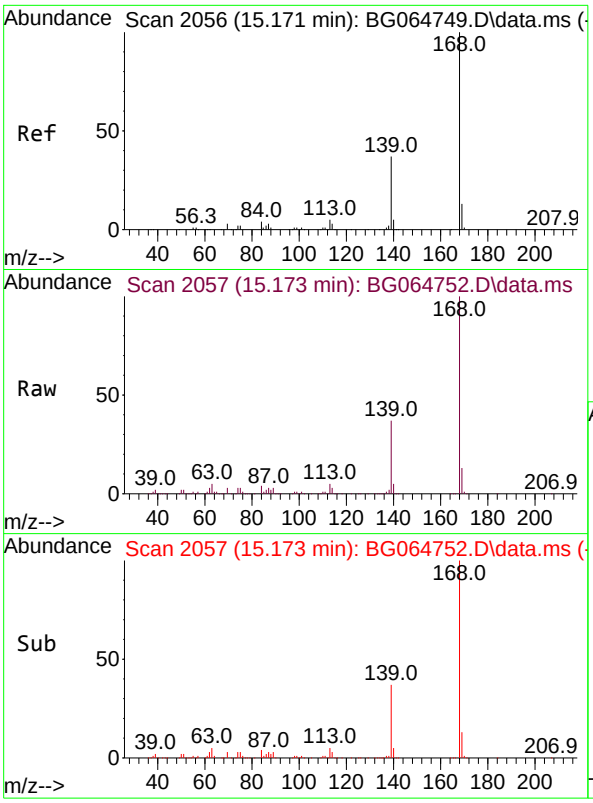




#54
2,4-Dinitrophenol
Concen: 84.450 ng
RT: 14.873 min Scan# 2006
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:184 Resp: 85396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 59.4 | 45.8 | 68.6 |
| 154 | 61.3 | 52.6 | 78.8 |

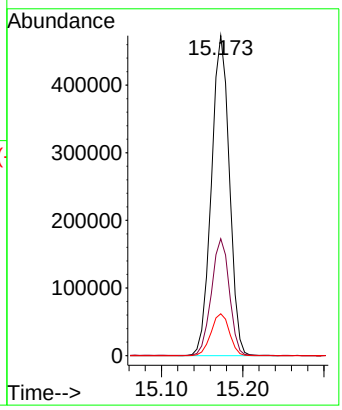





#55
Dibenzofuran
Concen: 78.683 ng
RT: 15.173 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:168 Resp: 72762

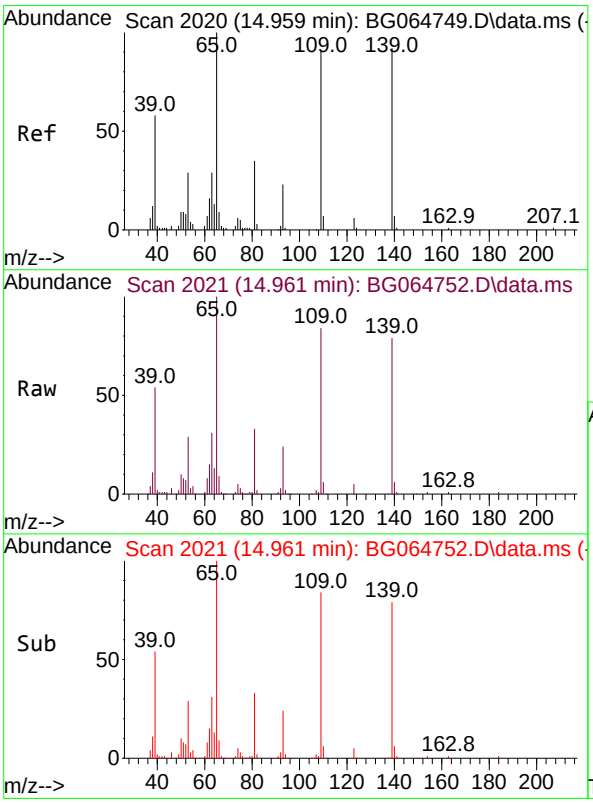
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.6 | 29.5 | 44.3 |
| 169 | 13.1 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

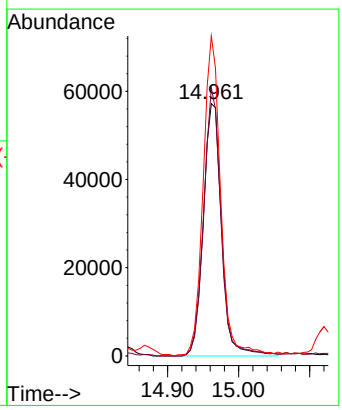
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

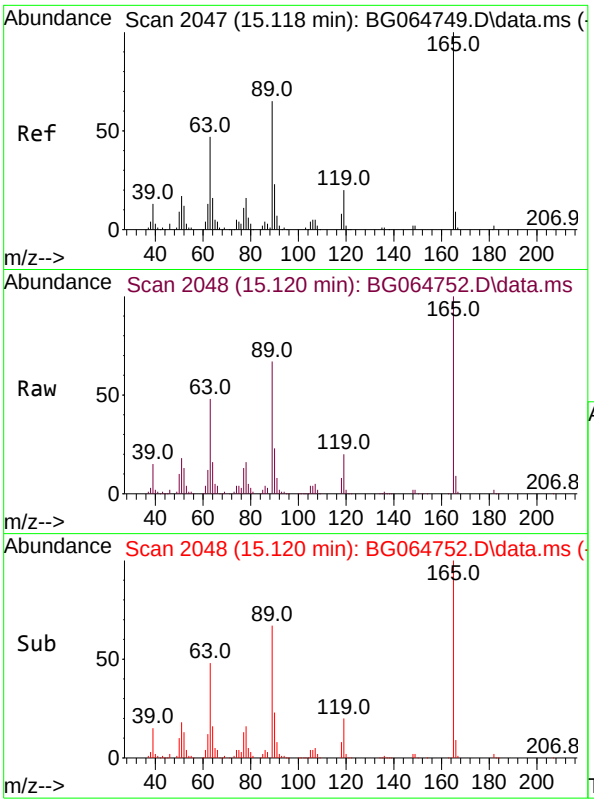



#56
4-Nitrophenol
Concen: 88.727 ng
RT: 14.961 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:139 Resp: 101920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 106.3 | 79.7 | 119.7 |
| 65 | 126.9 | 89.9 | 129.9 |

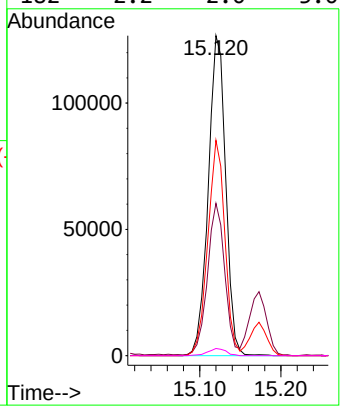





#57
2,4-Dinitrotoluene
Concen: 85.865 ng
RT: 15.120 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:165 Resp: 18883

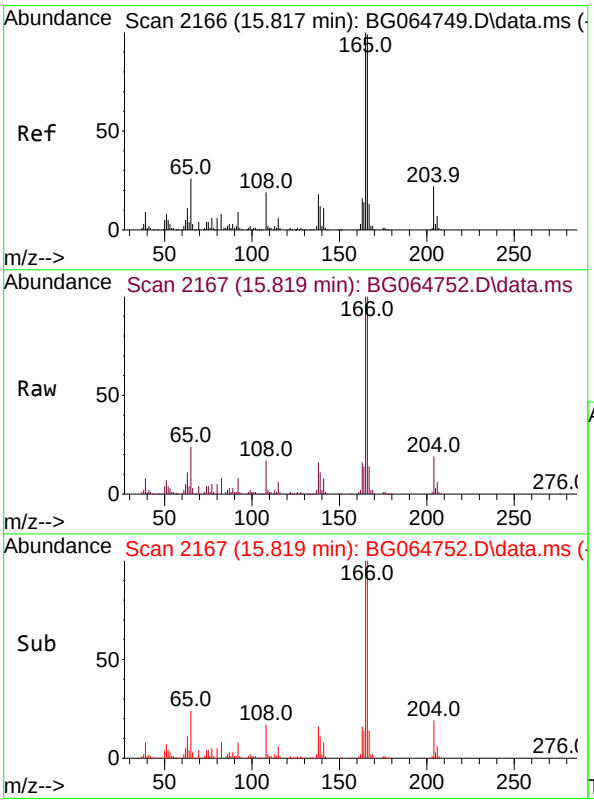
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.6 | 37.8 | 56.6 |
| 89 | 67.3 | 51.6 | 77.4 |
| 182 | 2.2 | 2.0 | 3.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

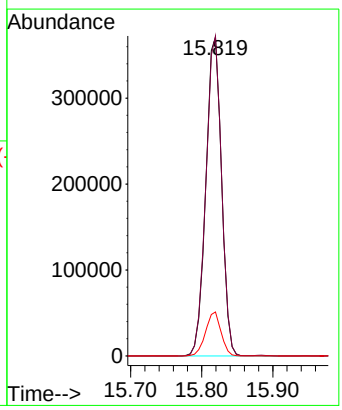
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

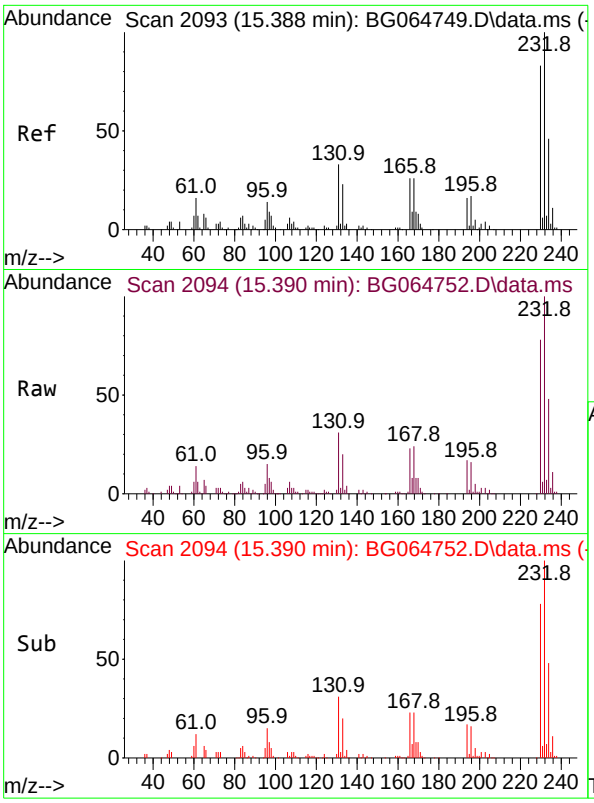



#58
Fluorene
Concen: 78.187 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:166 Resp: 567083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.4 | 80.5 | 120.7 |
| 167 | 13.8 | 10.3 | 15.5 |

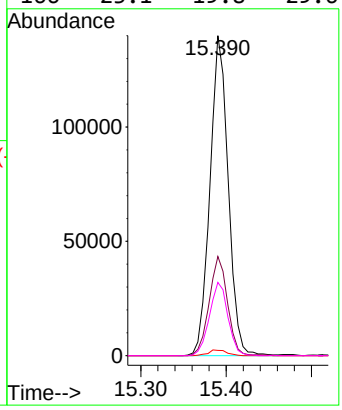





#59
2,3,4,6-Tetrachlorophenol
Concen: 85.265 ng
RT: 15.390 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:232 Resp: 20798

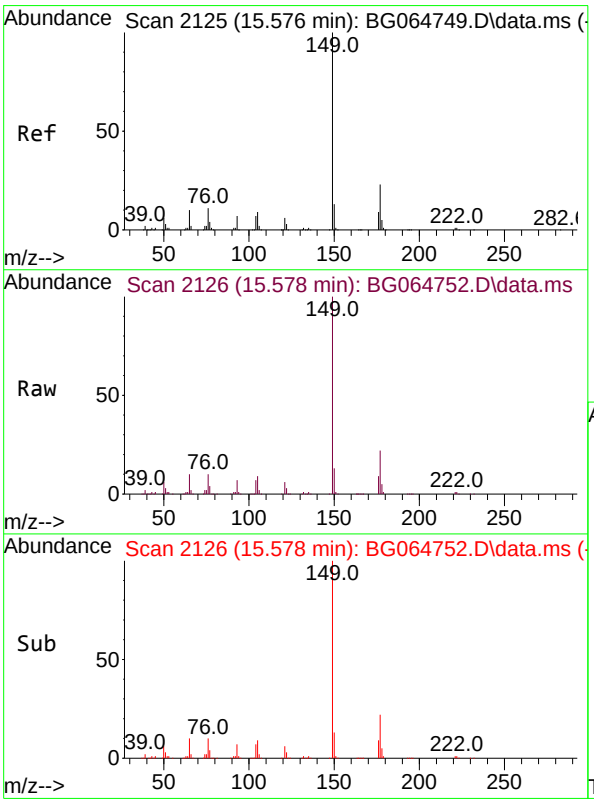
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 31.1 | 26.0 | 39.0 |
| 130 | 1.8 | 1.6 | 2.4 |
| 166 | 23.1 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

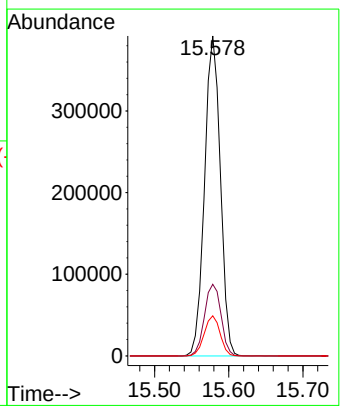
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

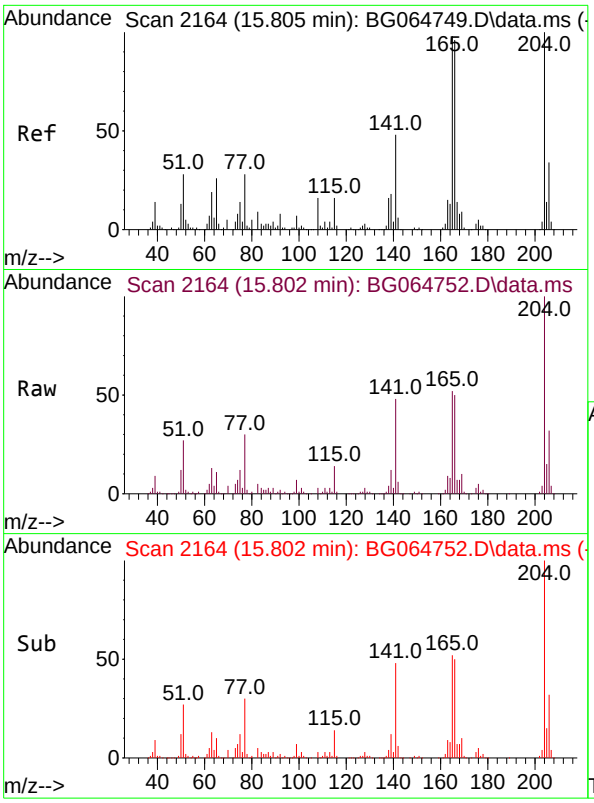



#60
Diethylphthalate
Concen: 79.342 ng
RT: 15.578 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:149 Resp: 579413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.4 | 18.4 | 27.6 |
| 150 | 12.5 | 10.1 | 15.1 |

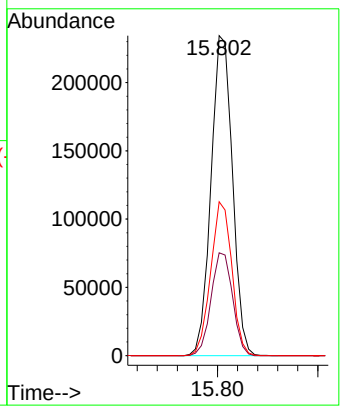





#61
4-Chlorophenyl-phenylether
Concen: 79.684 ng
RT: 15.802 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:204 Resp: 346839

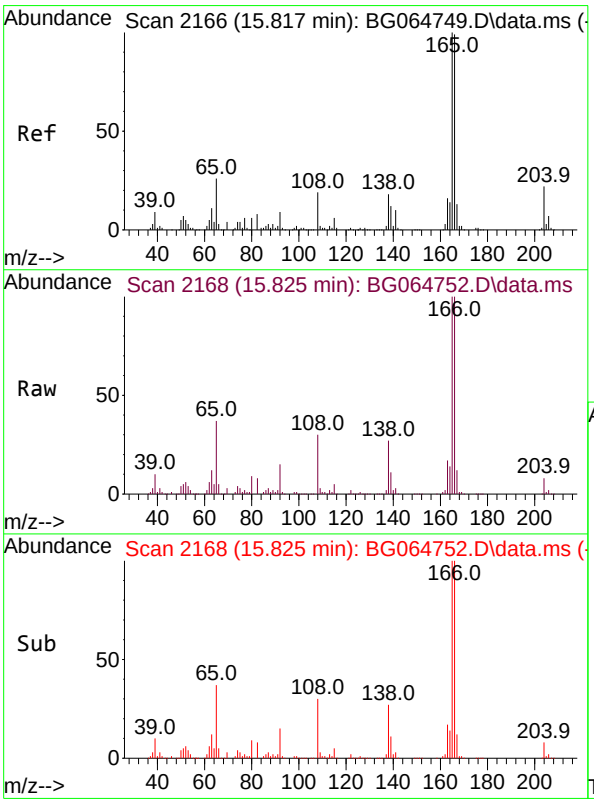
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.1 | 26.9 | 40.3 |
| 141 | 48.1 | 38.1 | 57.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

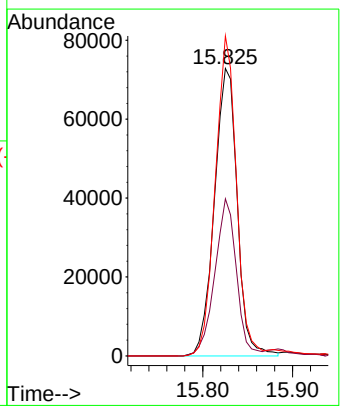
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

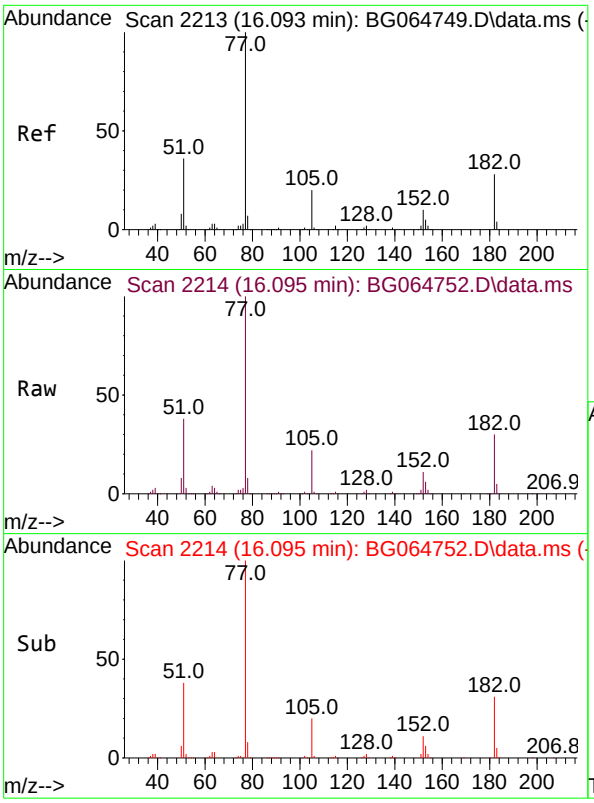



#62
4-Nitroaniline
Concen: 86.012 ng
RT: 15.825 min Scan# 2168
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:138 Resp: 129007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 54.6 | 30.7 | 70.7 |
| 108 | 111.3 | 85.7 | 125.7 |

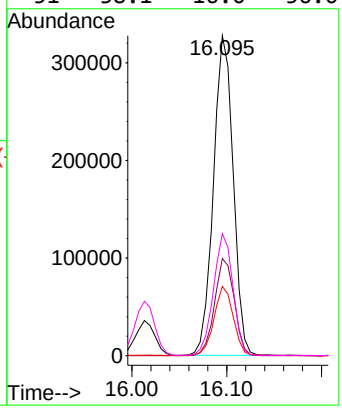





#63
Azobenzene
Concen: 77.985 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 77 Resp: 47369

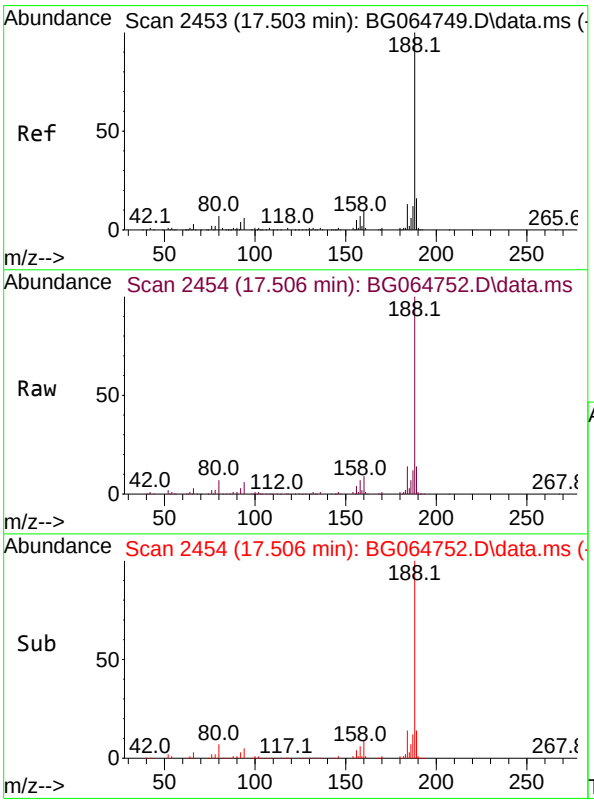
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.3 | 8.1 | 48.1 |
| 105 | 21.6 | 0.1 | 40.1 |
| 51 | 38.1 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

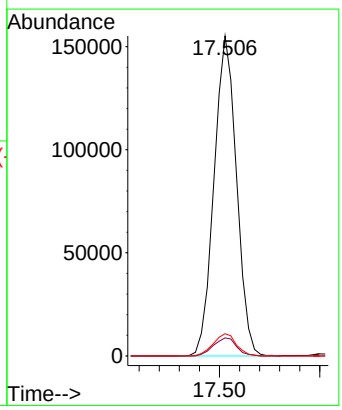
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

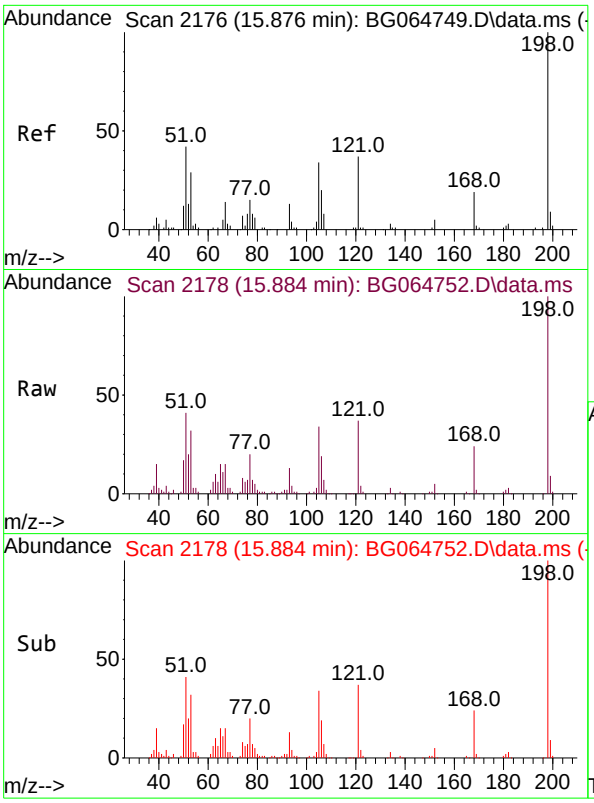



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:188 Resp: 241350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.6 | 4.7 | 7.1 |
| 80 | 6.9 | 5.4 | 8.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 94.071 ng
RT: 15.884 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

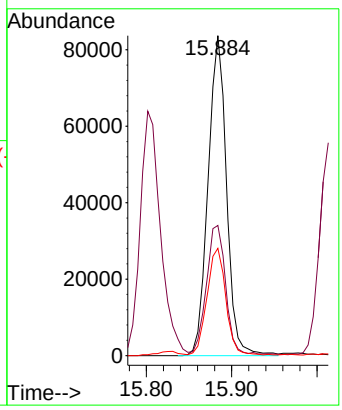
Tgt Ion:198 Resp: 12605

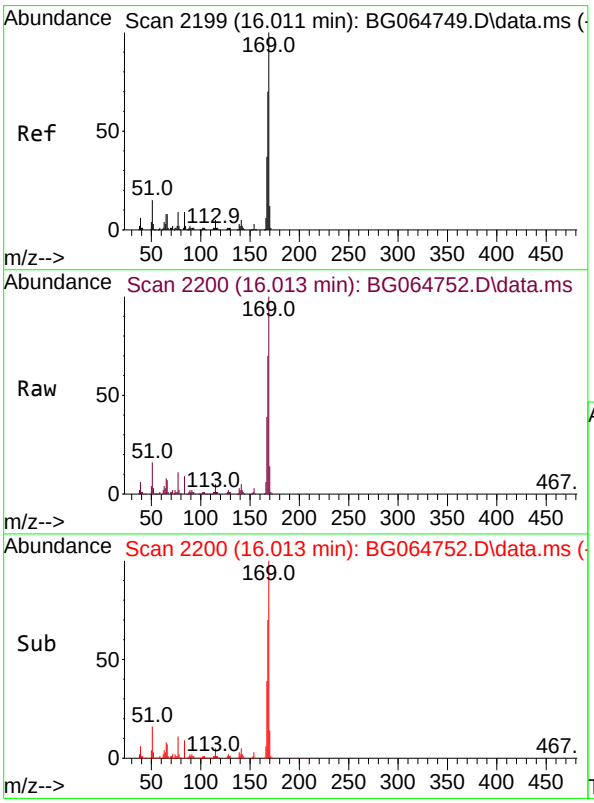
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.7 | 25.2 | 65.2 |
| 105 | 33.5 | 14.2 | 54.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

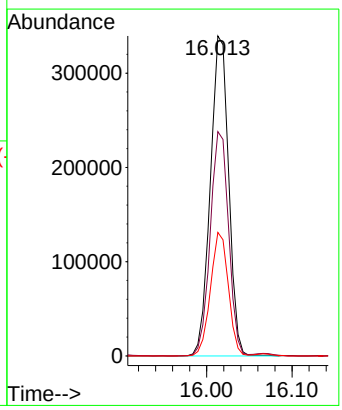


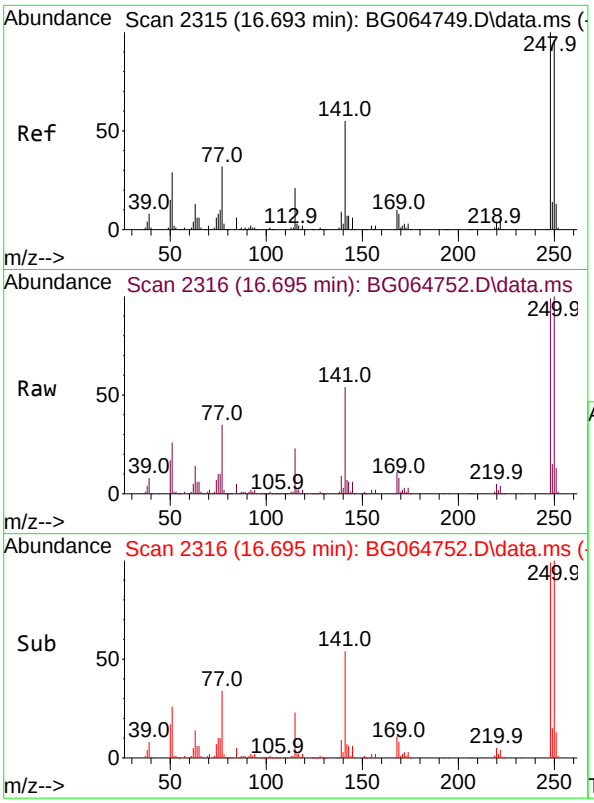




#66
n-Nitrosodiphenylamine
Concen: 80.031 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:169 Resp: 505935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.1 | 55.9 | 83.9 |
| 167 | 38.6 | 29.8 | 44.6 |

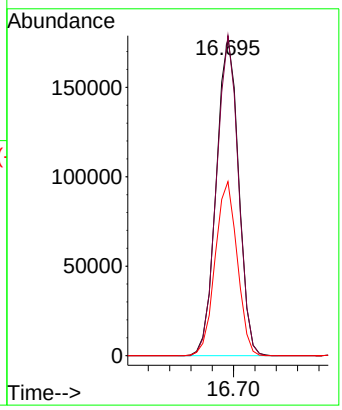





#67
4-Bromophenyl-phenylether
Concen: 81.469 ng
RT: 16.695 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:248 Resp: 25821

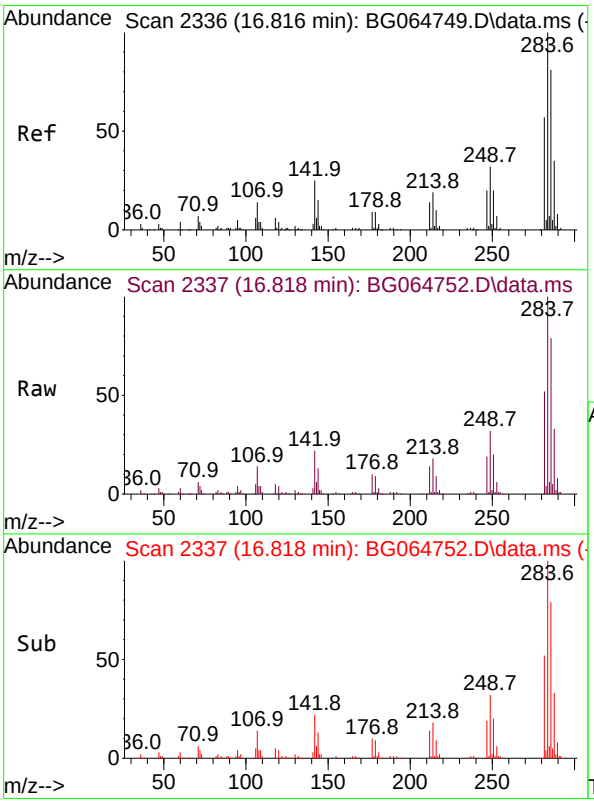
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.5 | 77.0 | 115.6 |
| 141 | 54.6 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

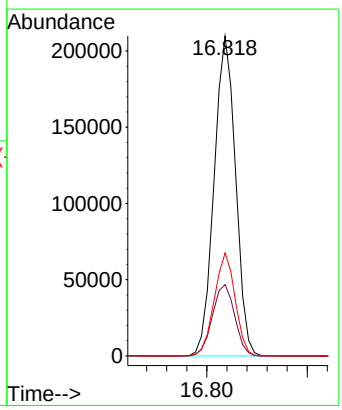
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

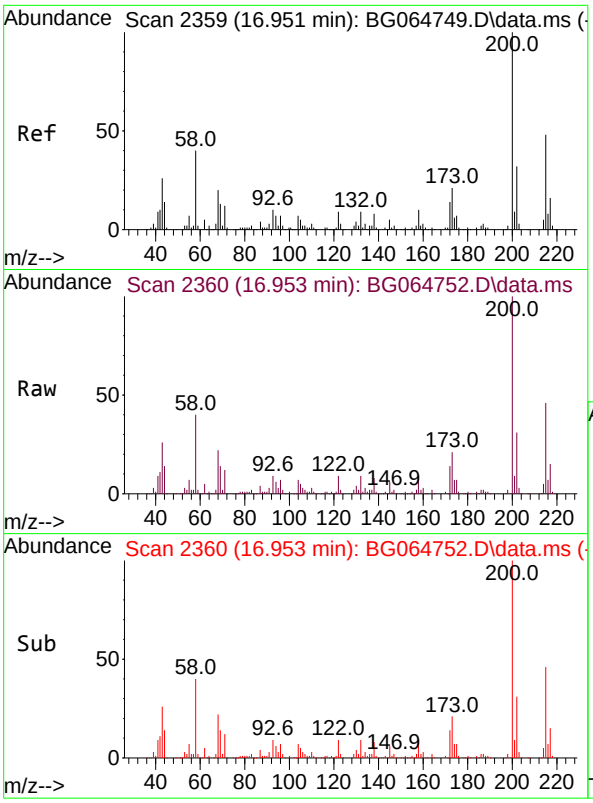



#68
Hexachlorobenzene
Concen: 81.224 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:284 Resp: 311899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.3 | 19.7 | 29.5 |
| 249 | 32.2 | 28.1 | 42.1 |

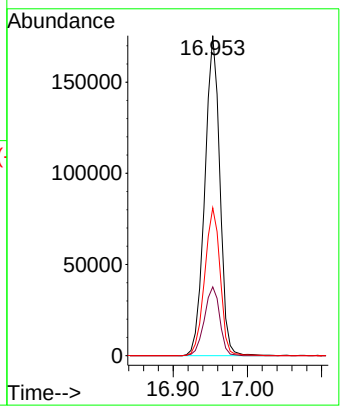





#69
Atrazine
Concen: 80.938 ng
RT: 16.953 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:200 Resp: 24669

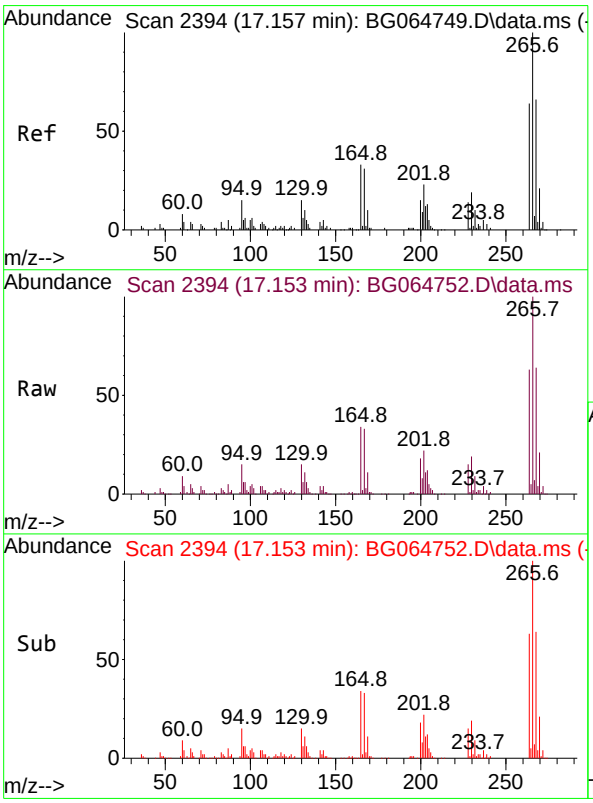
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.5 | 0.9 | 40.9 |
| 215 | 46.2 | 27.5 | 67.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

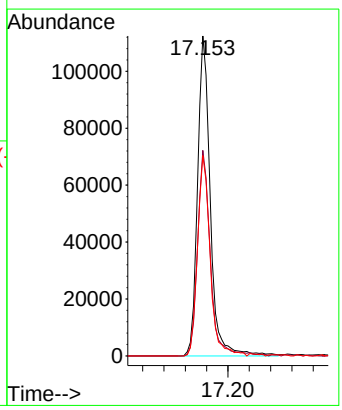
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

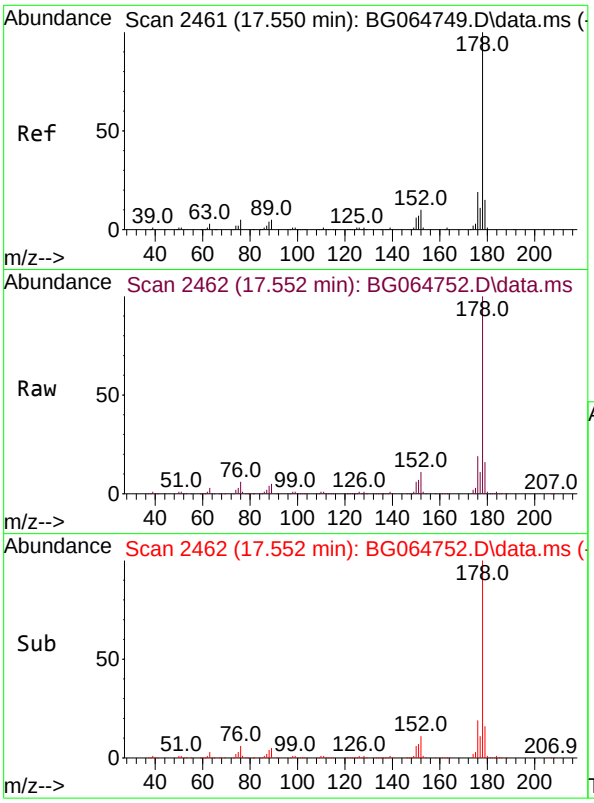



#70
Pentachlorophenol
Concen: 81.697 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:266 Resp: 185967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 68.5 | 56.1 | 84.1 |
| 264 | 67.2 | 51.2 | 76.8 |

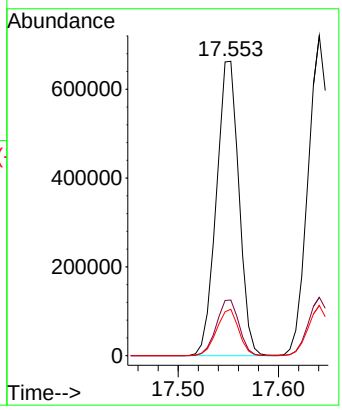





#71
Phenanthrene
Concen: 78.503 ng
RT: 17.552 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:178 Resp: 103663

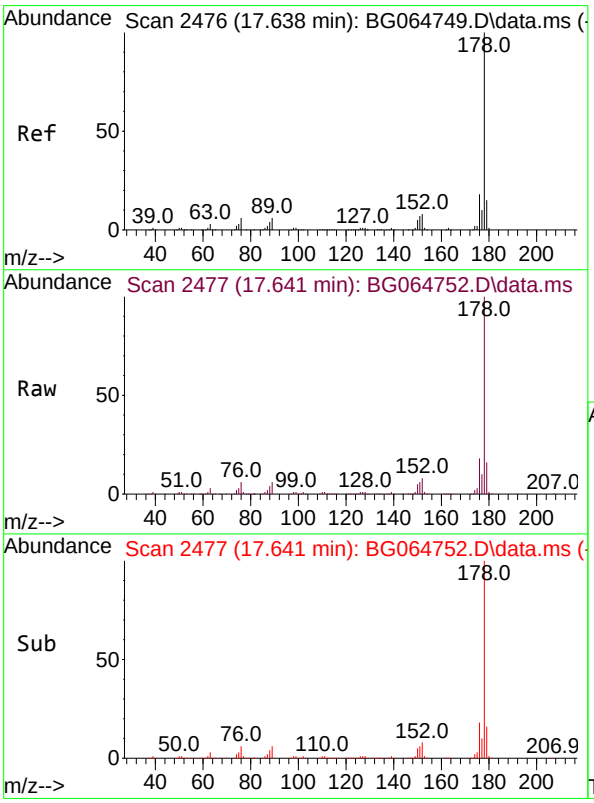
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 14.8 | 22.2 |
| 179 | 15.7 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

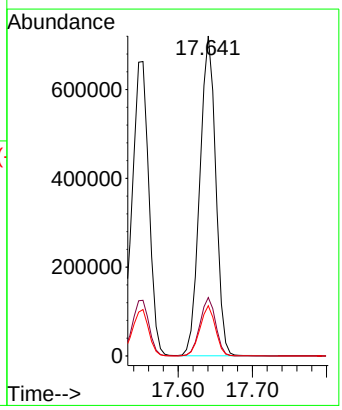
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

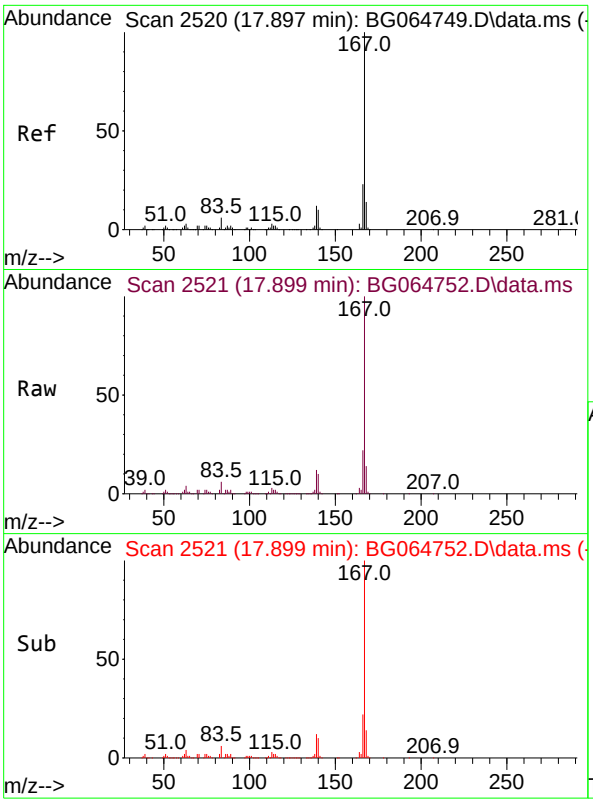



#72
Anthracene
Concen: 79.854 ng
RT: 17.641 min Scan# 2477
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:178 Resp: 1075224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.5 | 21.7 |
| 179 | 15.7 | 12.2 | 18.4 |

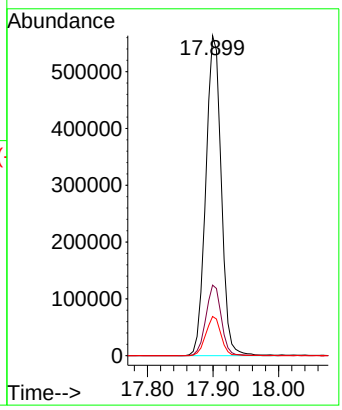





#73
Carbazole
Concen: 79.248 ng
RT: 17.899 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:167 Resp: 91732

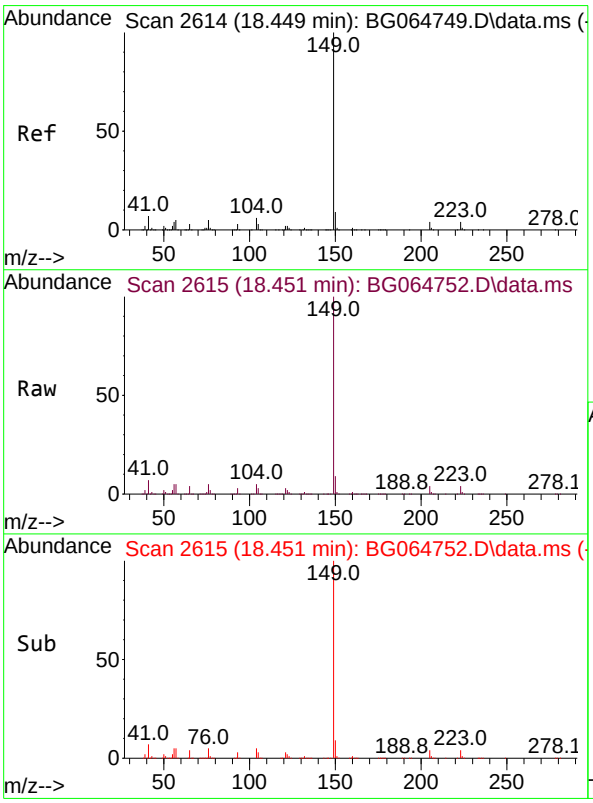
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 18.0 | 27.0 |
| 139 | 12.2 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

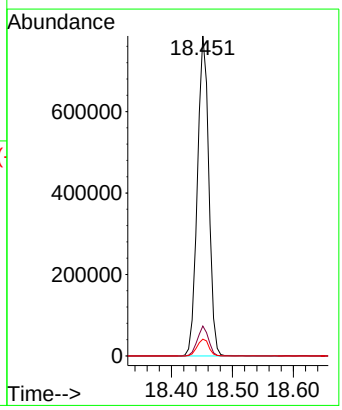
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

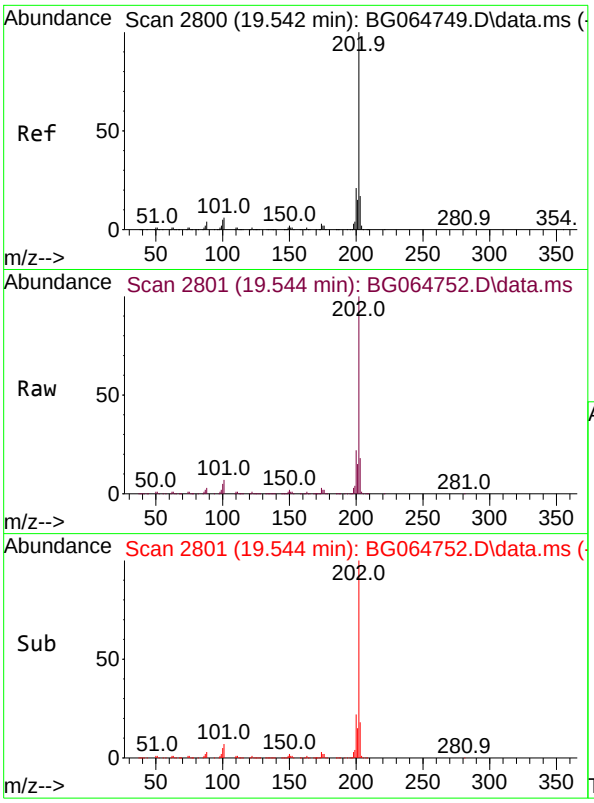



#74
Di-n-butylphthalate
Concen: 79.189 ng
RT: 18.451 min Scan# 2615
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:149 Resp: 1022641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 5.2 | 4.4 | 6.6 |






#75
Fluoranthene
Concen: 77.406 ng
RT: 19.544 min Scan# 28
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

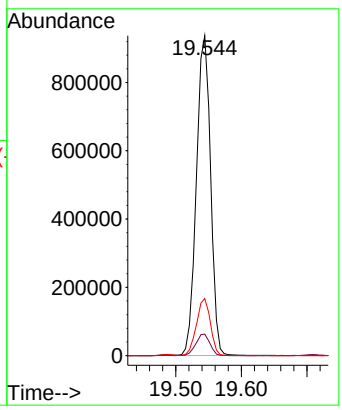
Tgt Ion:202 Resp: 139773

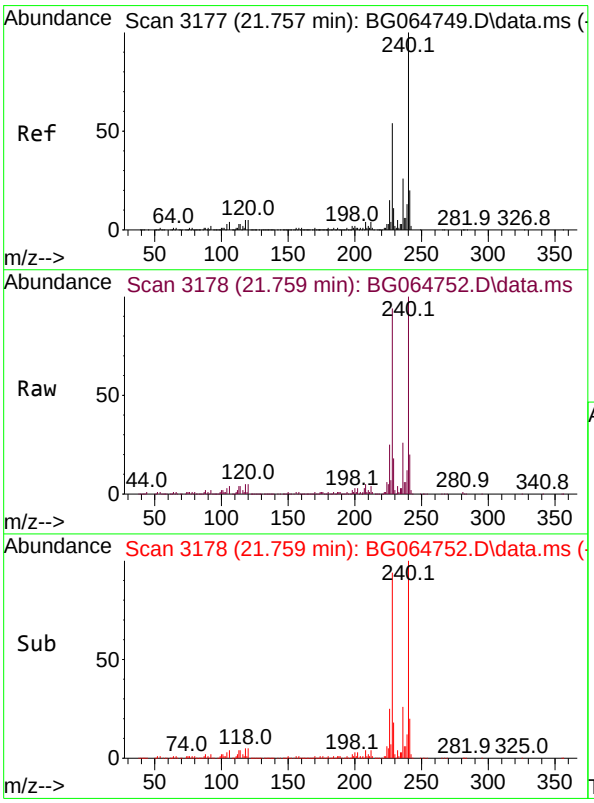
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.7 | 0.0 | 26.4 |
| 203 | 17.8 | 0.0 | 37.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

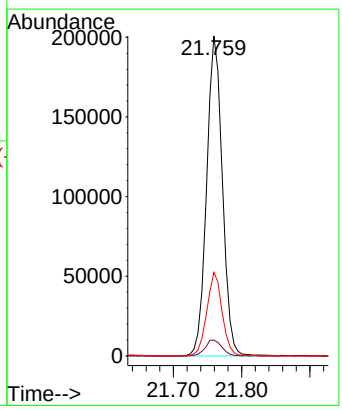


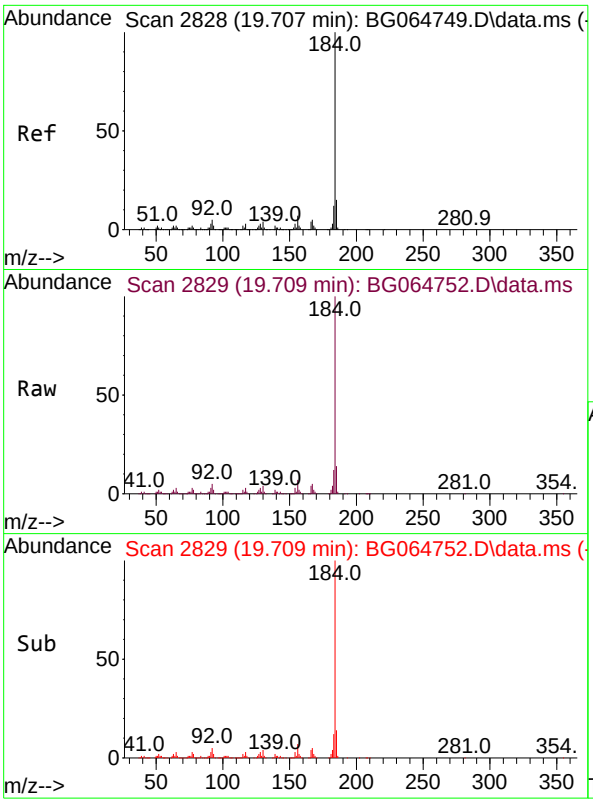




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3178
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:240 Resp: 320922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.9 | 4.2 | 6.4 |
| 236 | 26.1 | 20.8 | 31.2 |

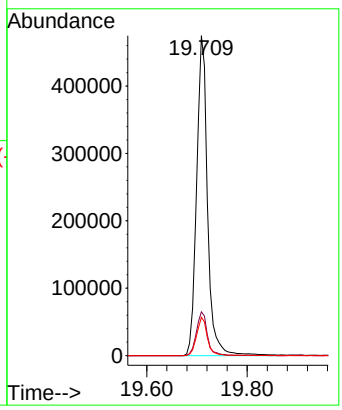





#77
Benzidine
Concen: 74.419 ng
RT: 19.709 min Scan# 28
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:184 Resp: 715252

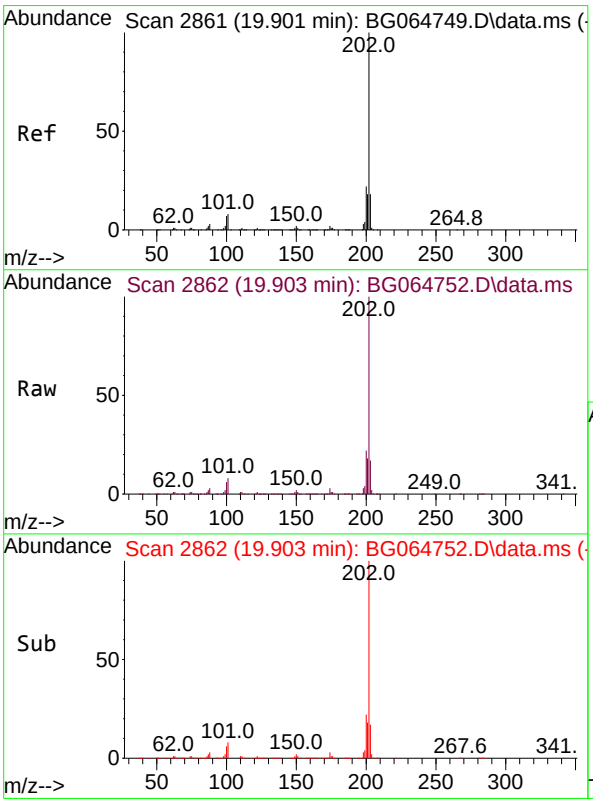
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.7 | 11.8 | 17.6 |
| 183 | 12.0 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

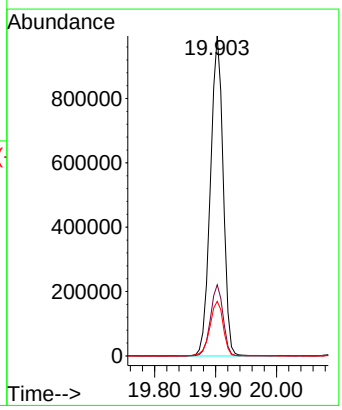
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

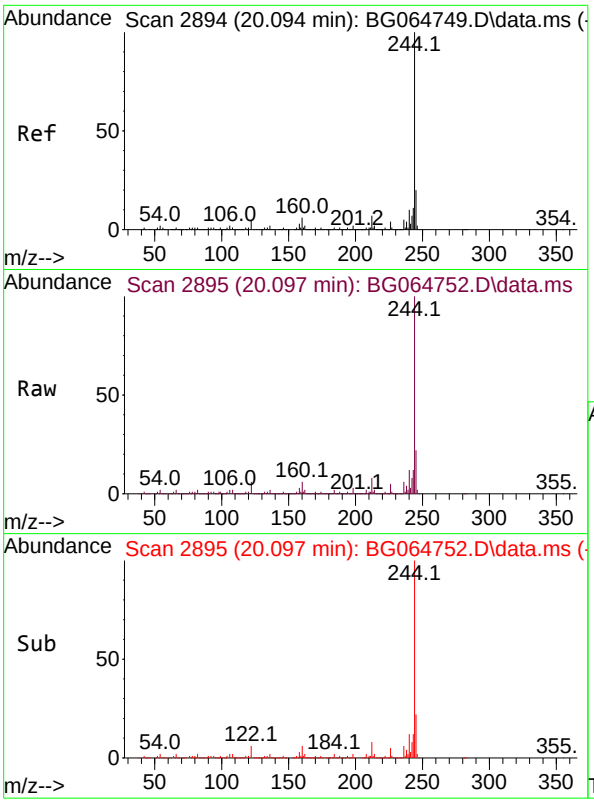



#78
Pyrene
Concen: 80.273 ng
RT: 19.903 min Scan# 2862
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:202 Resp: 1443820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.9 | 26.9 |
| 203 | 17.0 | 14.0 | 21.0 |

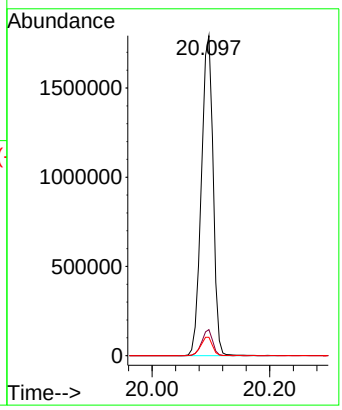





#79
Terphenyl-d14
Concen: 152.157 ng
RT: 20.097 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:244 Resp: 248237

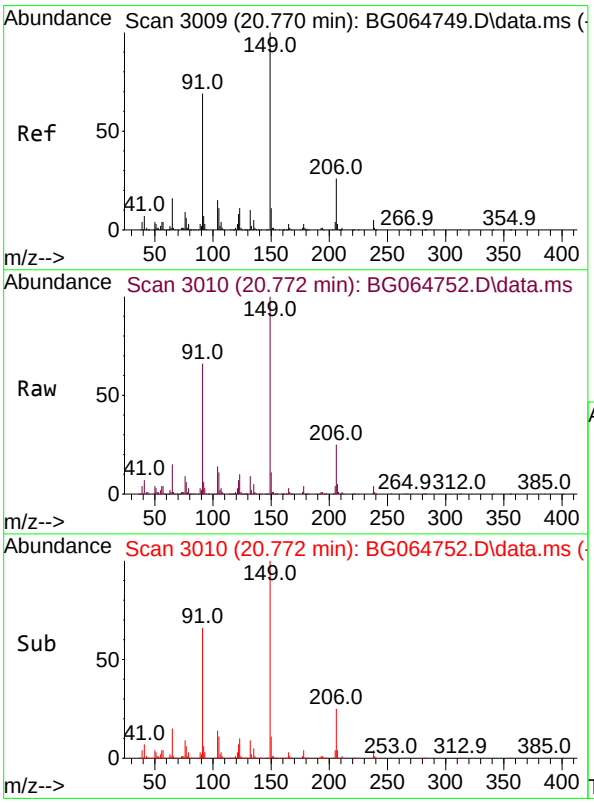
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 5.8 | 8.6 |
| 122 | 5.7 | 4.3 | 6.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

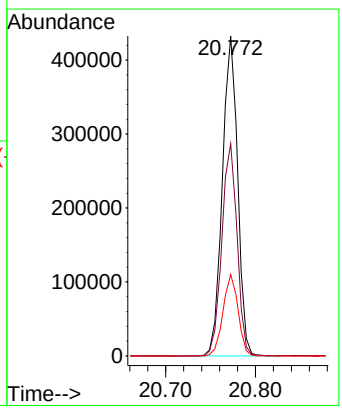
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

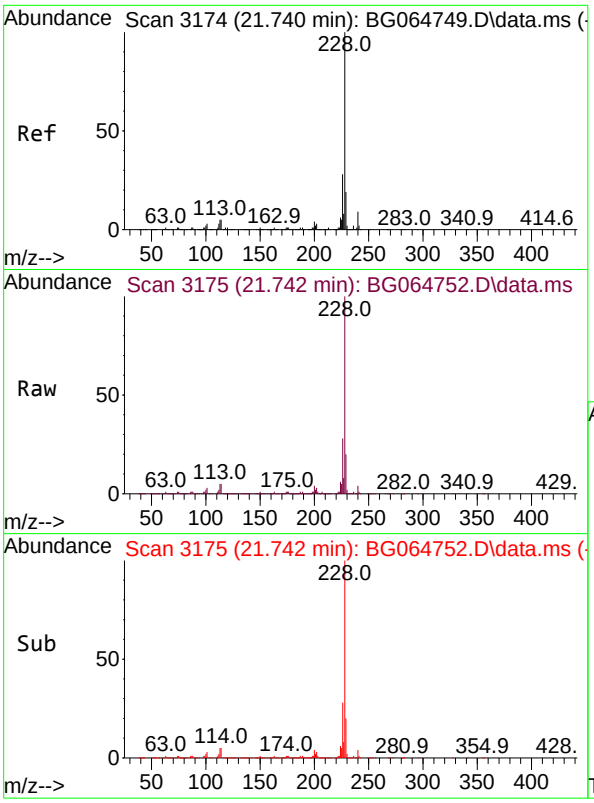



#80
Butylbenzylphthalate
Concen: 80.795 ng
RT: 20.772 min Scan# 3010
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:149 Resp: 511144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.3 | 54.9 | 82.3 |
| 206 | 25.5 | 21.2 | 31.8 |






#81
Benzo(a)anthracene
Concen: 79.153 ng
RT: 21.742 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

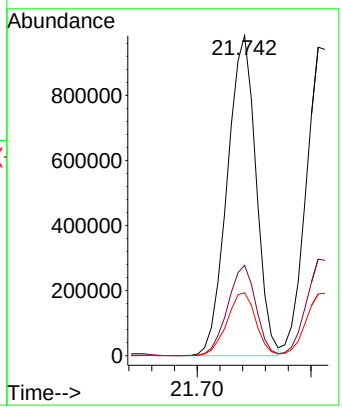
Tgt Ion:228 Resp: 172723

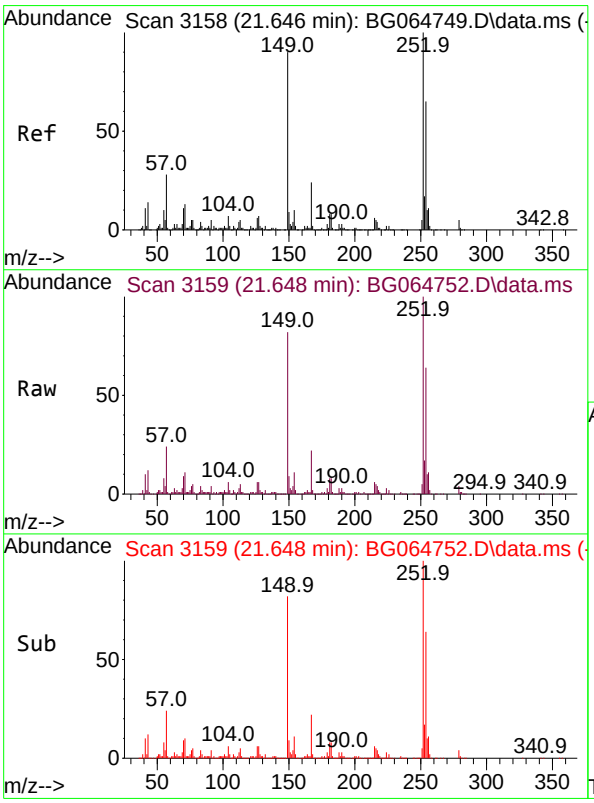
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 22.1 | 33.1 |
| 229 | 19.6 | 15.5 | 23.3 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

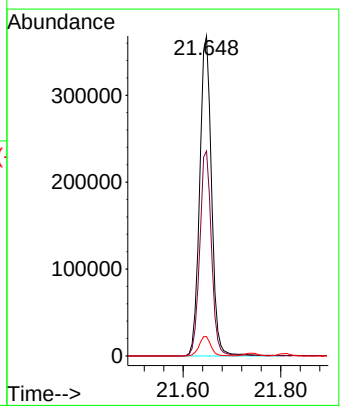


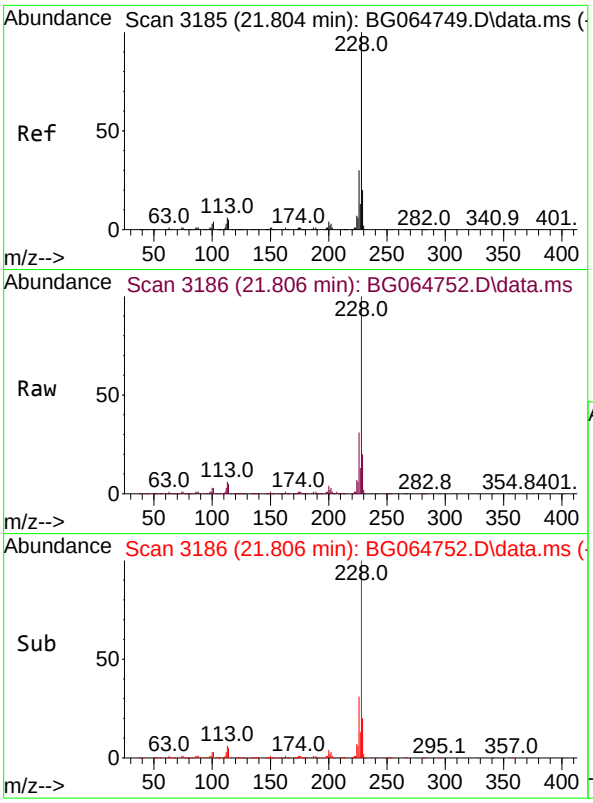




#82
3,3'-Dichlorobenzidine
Concen: 76.933 ng
RT: 21.648 min Scan# 3159
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:252 Resp: 617916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.0 | 51.8 | 77.8 |
| 126 | 6.0 | 4.7 | 7.1 |

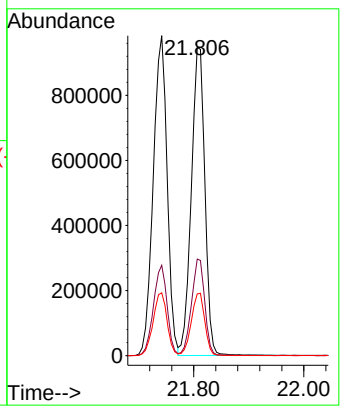





#83
Chrysene
Concen: 78.881 ng
RT: 21.806 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:228 Resp: 162281

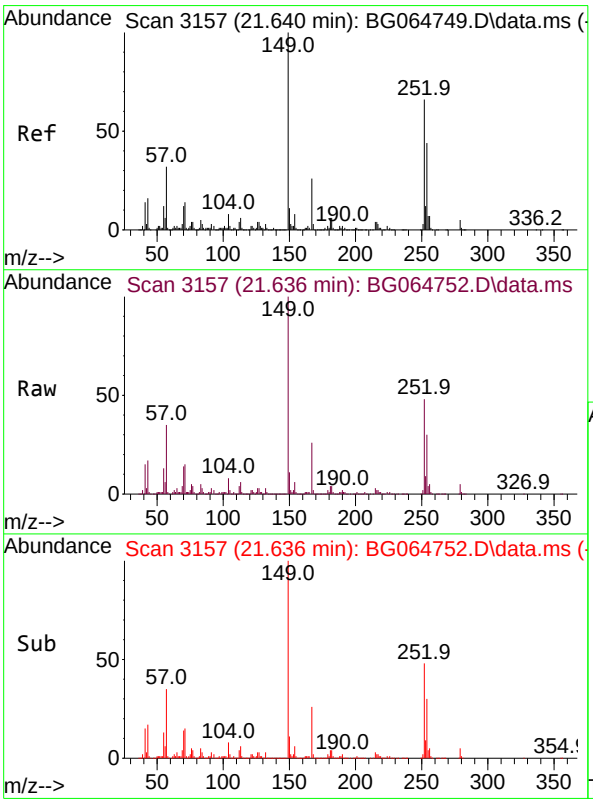
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 24.2 | 36.2 |
| 229 | 20.0 | 16.0 | 24.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

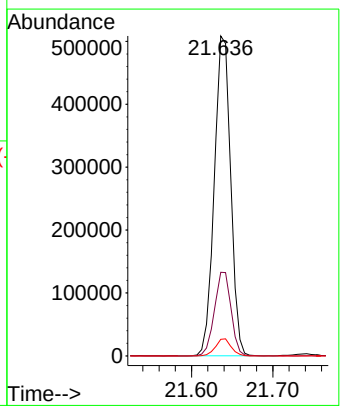
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

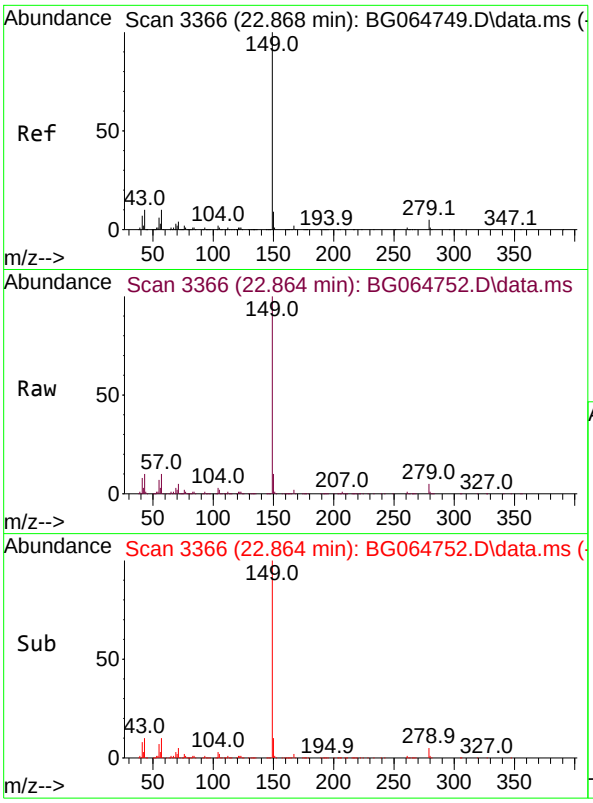



#84
Bis(2-ethylhexyl)phthalate
Concen: 76.834 ng
RT: 21.636 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:149 Resp: 710301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.1 | 21.0 | 31.4 |
| 279 | 5.2 | 4.1 | 6.1 |

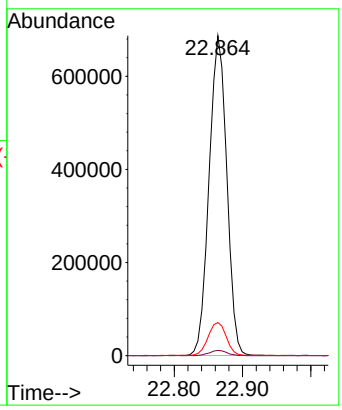





#85
Di-n-octyl phthalate
Concen: 77.260 ng
RT: 22.864 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:149 Resp: 123460

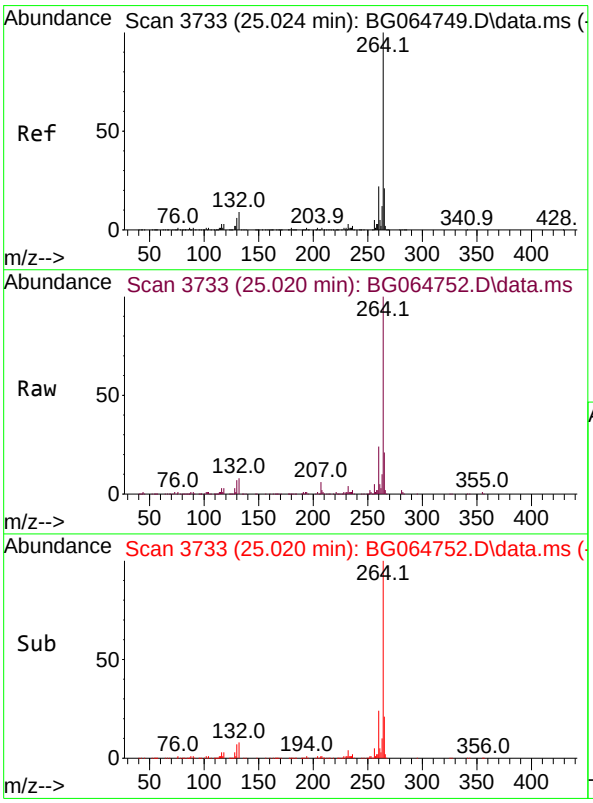
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 10.7 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

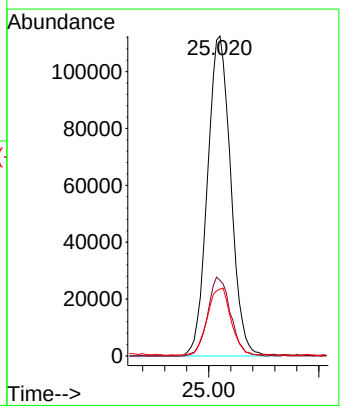
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

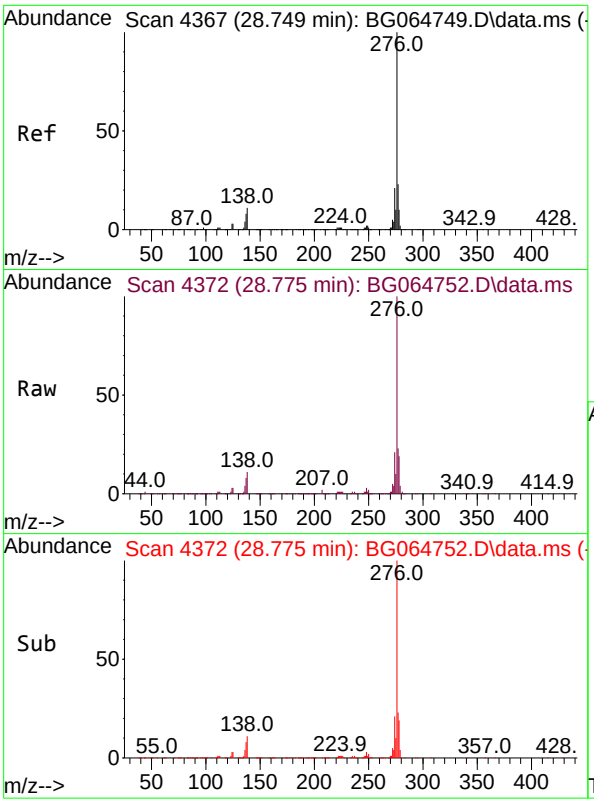



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.020 min Scan# 3733
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:264 Resp: 330317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 17.2 | 25.8 |
| 265 | 20.9 | 16.6 | 25.0 |






#87
Indeno(1,2,3-cd)pyrene
Concen: 83.713 ng
RT: 28.775 min Scan# 4
Delta R.T. 0.026 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

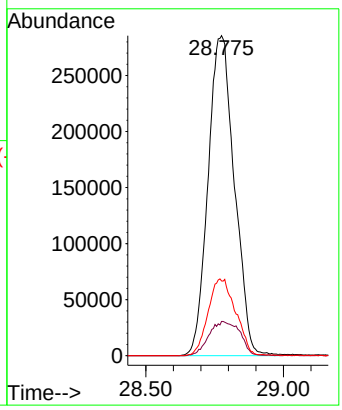
Tgt Ion:276 Resp: 189978

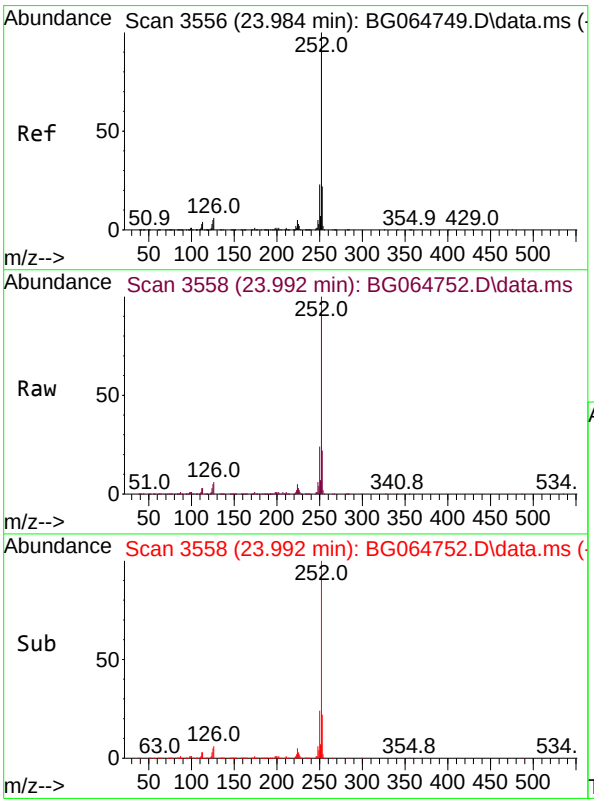
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.5 | 4.5 | 6.7 |
| 277 | 25.1 | 20.0 | 30.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

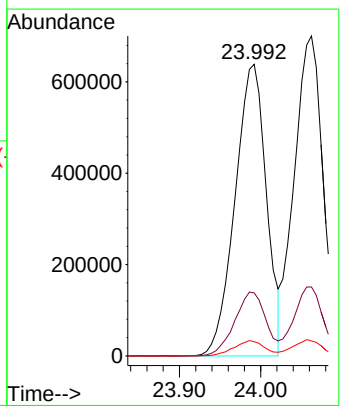


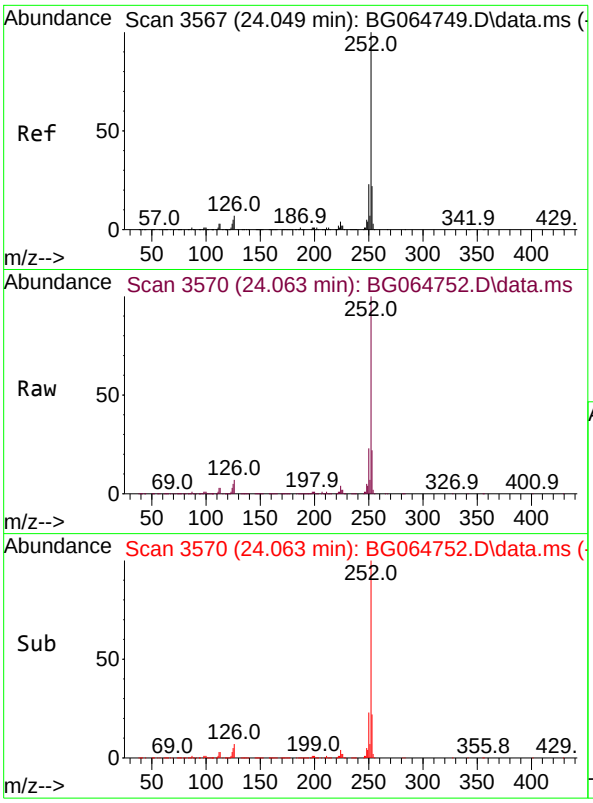




#88
Benzo(b)fluoranthene
Concen: 81.466 ng
RT: 23.992 min Scan# 3558
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:252 Resp: 1712491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.4 | 26.2 |
| 125 | 4.9 | 4.2 | 6.2 |

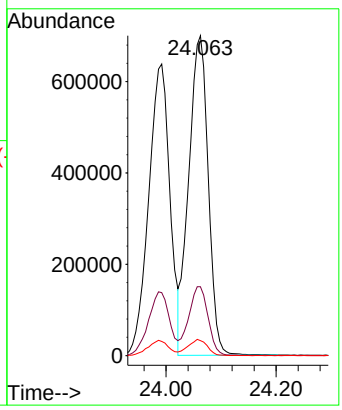





#89
Benzo(k)fluoranthene
Concen: 81.620 ng
RT: 24.063 min Scan# 3
Delta R.T. 0.014 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:252 Resp: 172370

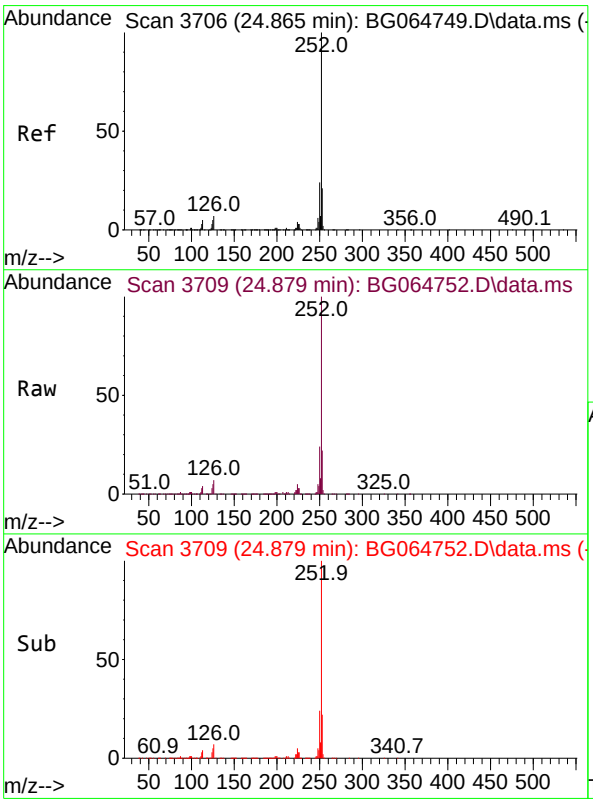
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.8 | 26.8 |
| 125 | 4.7 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

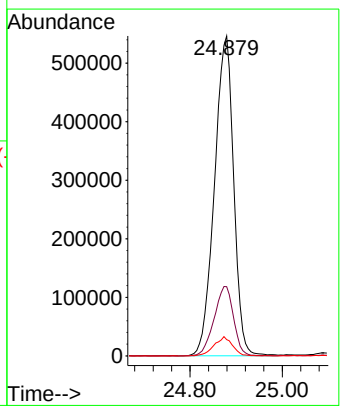
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

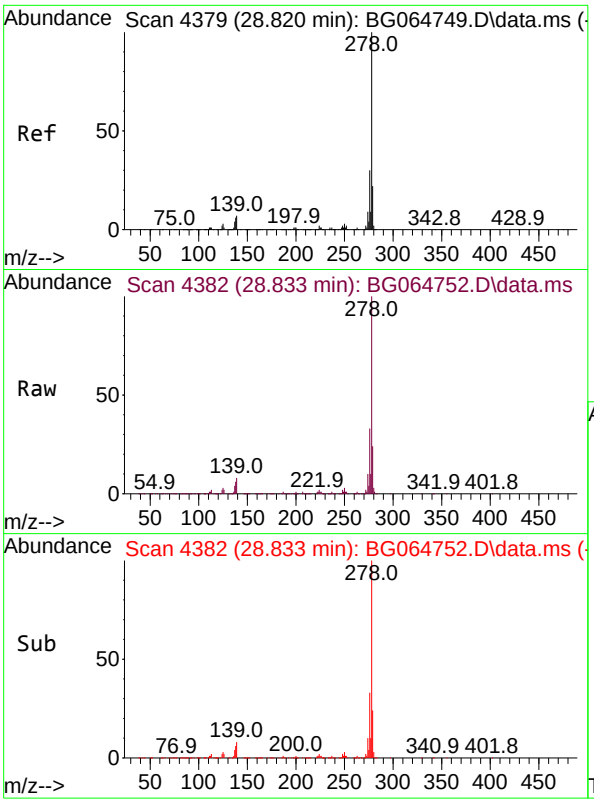



#90
Benzo(a)pyrene
Concen: 81.225 ng
RT: 24.879 min Scan# 3709
Delta R.T. 0.014 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:252 Resp: 1583859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 16.9 | 25.3 |
| 125 | 5.1 | 4.2 | 6.4 |






#91
Dibenzo(a,h)anthracene
Concen: 83.894 ng
RT: 28.833 min Scan# 4
Delta R.T. 0.014 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

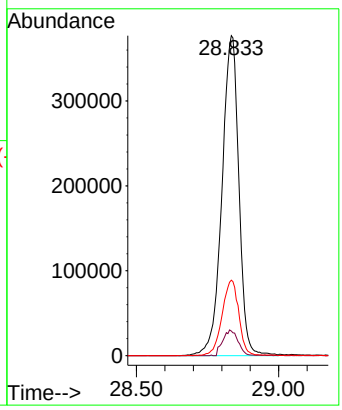
Tgt Ion:278 Resp: 155970

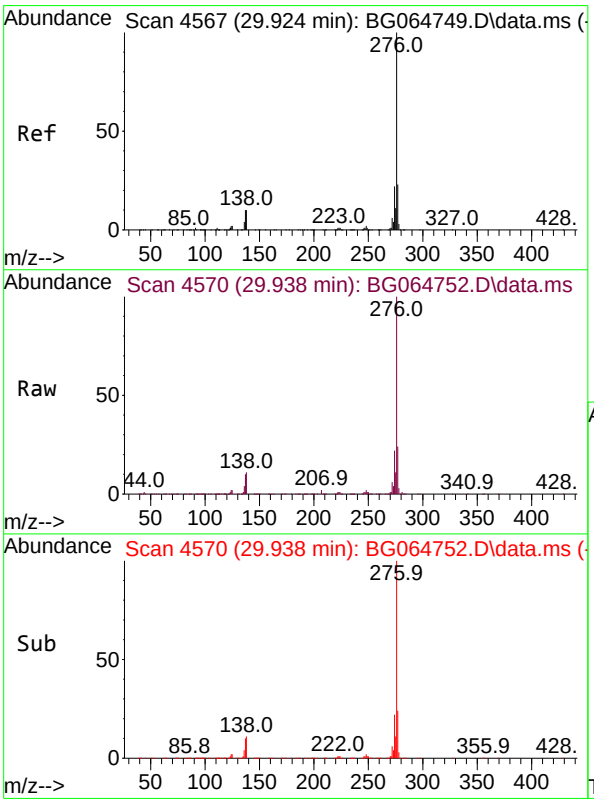
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.7 | 5.8 | 8.8 |
| 279 | 23.6 | 17.3 | 25.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

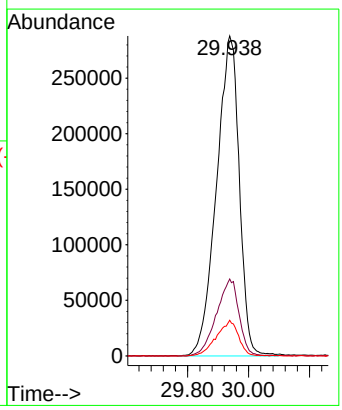



#92
Benzo(g,h,i)perylene
Concen: 83.541 ng
RT: 29.938 min Scan# 4570
Delta R.T. 0.014 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:276 Resp: 1494746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 18.0 | 27.0 |
| 138 | 11.1 | 8.2 | 12.2 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.165 | 152 | 33326 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.985 | 136 | 132747 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.775 | 164 | 109409 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.507 | 188 | 274232 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.755 | 240 | 377705 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.016 | 264 | 409953 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.703 | 112 | 120553 | 63.167 | ng | 0.00 |
| 7) Phenol-d6 | 7.307 | 99 | 163728 | 64.502 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.328 | 82 | 166272 | 61.930 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.249 | 330 | 136910 | 64.162 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.406 | 172 | 470384 | 59.990 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.092 | 244 | 1191783 | 62.068 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.535 | 88 | 23293 | 31.527 | ng | 96 |
| 3) Pyridine | 3.946 | 79 | 64481 | 29.291 | ng | 96 |
| 4) n-Nitrosodimethylamine | 3.852 | 42 | 36442 | 32.525 | ng | 91 |
| 6) Aniline | 7.483 | 93 | 115393 | 34.106 | ng | 99 |
| 8) 2-Chlorophenol | 7.730 | 128 | 68691 | 32.779 | ng | 96 |
| 9) Benzaldehyde | 7.295 | 77 | 58482 | 35.196 | ng | 90 |
| 10) Phenol | 7.336 | 94 | 91069 | 32.974 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 7.571 | 93 | 63934 | 32.532 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 8.059 | 146 | 81195 | 33.672 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 8.206 | 146 | 80784 | 32.901 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 8.523 | 146 | 80788 | 33.934 | ng | 99 |
| 15) Benzyl Alcohol | 8.400 | 79 | 72009 | 34.561 | ng | 91 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.688 | 45 | 148081 | 31.833 | ng | 99 |
| 17) 2-Methylphenol | 8.600 | 107 | 62824 | 32.149 | ng | 96 |
| 18) Hexachloroethane | 9.263 | 117 | 29173 | 31.370 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.970 | 70 | 58847 | 34.287 | ng | 91 |
| 20) 3+4-Methylphenols | 8.923 | 107 | 86297 | 32.235 | ng | 96 |
| 22) Acetophenone | 8.987 | 105 | 122146 | 33.774 | ng | 99 |
| 24) Nitrobenzene | 9.369 | 77 | 89962 | 33.162 | ng | 94 |
| 25) Isophorone | 9.898 | 82 | 165493 | 32.368 | ng | 97 |
| 26) 2-Nitrophenol | 10.086 | 139 | 40886 | 33.507 | ng | 98 |
| 27) 2,4-Dimethylphenol | 10.139 | 122 | 68610 | 31.650 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.374 | 93 | 90243 | 32.150 | ng | 97 |
| 29) 2,4-Dichlorophenol | 10.627 | 162 | 76896 | 33.040 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.844 | 180 | 95519 | 33.988 | ng | 96 |
| 31) Naphthalene | 11.038 | 128 | 236163 | 31.383 | ng | 100 |
| 32) Benzoic acid | 10.245 | 122 | 43241m | 30.681 | ng | |
| 33) 4-Chloroaniline | 11.126 | 127 | 101262 | 33.639 | ng | 100 |
| 34) Hexachlorobutadiene | 11.326 | 225 | 75988 | 31.513 | ng | 97 |
| 35) Caprolactam | 11.884 | 113 | 22870 | 32.854 | ng | 95 |
| 36) 4-Chloro-3-methylphenol | 12.236 | 107 | 83400 | 32.195 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.624 | 142 | 161122 | 28.612 | ng | 97 |
| 38) 1-Methylnaphthalene | 12.842 | 142 | 168025 | 30.038 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.989 | 216 | 134917 | 31.686 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 12.971 | 237 | 93533 | 30.647 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 13.218 | 196 | 80067 | 32.039 | ng | 97 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.288 | 196 | 88366 | 31.528 | ng | | 95 |
| 46) 1,1'-Biphenyl | 13.617 | 154 | 253543 | 32.265 | ng | | 95 |
| 47) 2-Chloronaphthalene | 13.664 | 162 | 192989 | 31.173 | ng | | 99 |
| 48) 2-Nitroaniline | 13.846 | 65 | 66734 | 33.514 | ng | | 95 |
| 49) Acenaphthylene | 14.504 | 152 | 336105 | 31.779 | ng | | 98 |
| 50) Dimethylphthalate | 14.222 | 163 | 273873 | 31.689 | ng | | 96 |
| 51) 2,6-Dinitrotoluene | 14.334 | 165 | 55364 | 33.291 | ng | | 97 |
| 52) Acenaphthene | 14.839 | 154 | 200981 | 31.693 | ng | | 100 |
| 53) 3-Nitroaniline | 14.663 | 138 | 55656 | 33.908 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.869 | 184 | 30993 | 32.871 | ng | | 91 |
| 55) Dibenzofuran | 15.168 | 168 | 328578 | 31.341 | ng | | 97 |
| 56) 4-Nitrophenol | 14.957 | 139 | 43480 | 33.387 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 15.115 | 165 | 83443 | 33.468 | ng | | 98 |
| 58) Fluorene | 15.815 | 166 | 260110 | 31.633 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.392 | 232 | 95337 | 34.475 | ng | | 97 |
| 60) Diethylphthalate | 15.574 | 149 | 260062 | 31.411 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.803 | 204 | 151269 | 30.654 | ng | | 99 |
| 62) 4-Nitroaniline | 15.815 | 138 | 57409 | 33.761 | ng | | 95 |
| 63) Azobenzene | 16.097 | 77 | 219873 | 31.929 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.879 | 198 | 51659 | 33.928 | ng | | 91 |
| 66) n-Nitrosodiphenylamine | 16.014 | 169 | 234732 | 32.679 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.696 | 248 | 113704 | 31.573 | ng | | 96 |
| 68) Hexachlorobenzene | 16.819 | 284 | 136782 | 31.349 | ng | | 95 |
| 69) Atrazine | 16.949 | 200 | 114666 | 33.110 | ng | | 98 |
| 70) Pentachlorophenol | 17.154 | 266 | 72699 | 32.137 | ng | | 97 |
| 71) Phenanthrene | 17.548 | 178 | 472871 | 31.516 | ng | | 99 |
| 72) Anthracene | 17.636 | 178 | 486138 | 31.775 | ng | | 99 |
| 73) Carbazole | 17.900 | 167 | 431125 | 32.779 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.453 | 149 | 467217 | 31.841 | ng | | 99 |
| 75) Fluoranthene | 19.540 | 202 | 649361 | 31.649 | ng | | 99 |
| 77) Benzidine | 19.710 | 184 | 374997 | 33.151 | ng | | 99 |
| 78) Pyrene | 19.898 | 202 | 679837 | 32.115 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.768 | 149 | 231586 | 31.103 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.737 | 228 | 813112 | 31.660 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.643 | 252 | 321145 | 33.973 | ng | | 98 |
| 83) Chrysene | 21.802 | 228 | 755443 | 31.200 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.637 | 149 | 336357 | 30.914 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.859 | 149 | 578463 | 30.757 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.746 | 276 | 909527 | 32.293 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.981 | 252 | 800751 | 30.693 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.046 | 252 | 841278 | 32.097 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.863 | 252 | 781704 | 32.301 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.811 | 278 | 741916 | 32.155 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.910 | 276 | 705009 | 31.749 | ng | | 99 |

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

ICAL Form

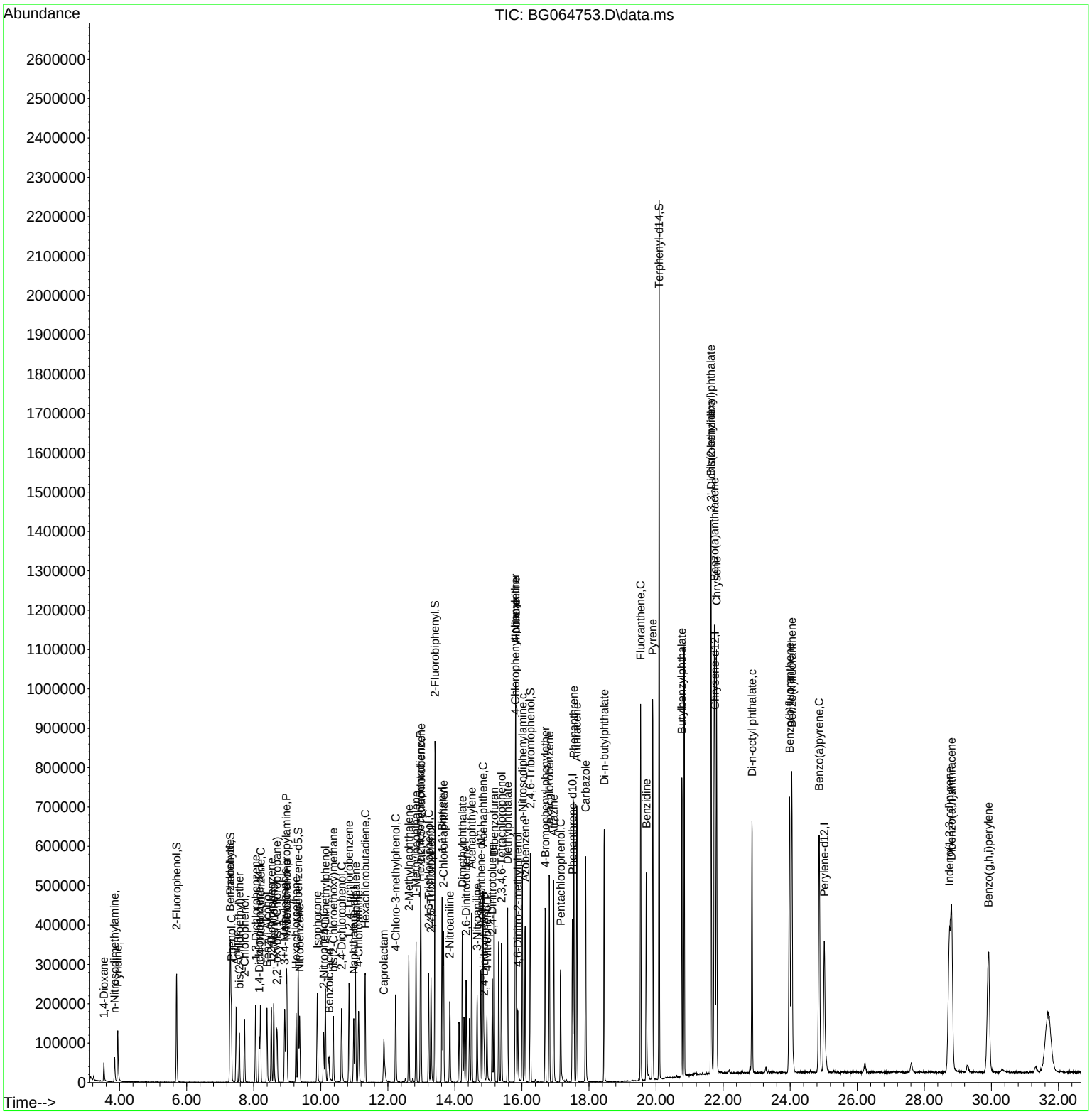
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

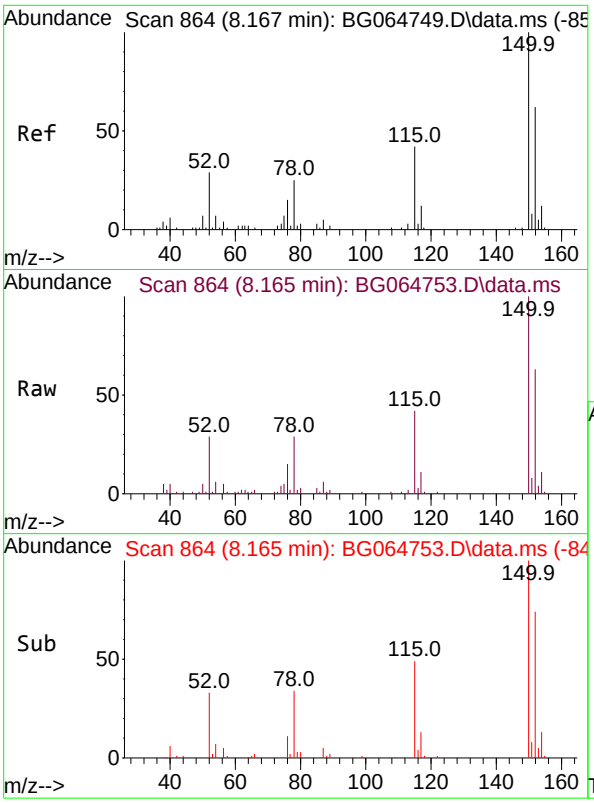
Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
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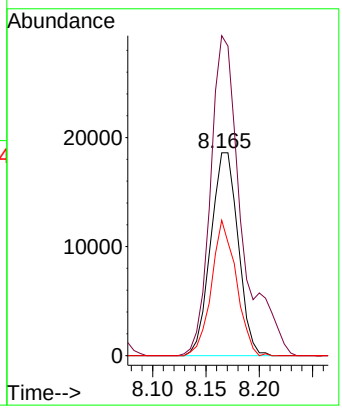





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:152 Resp: 3332

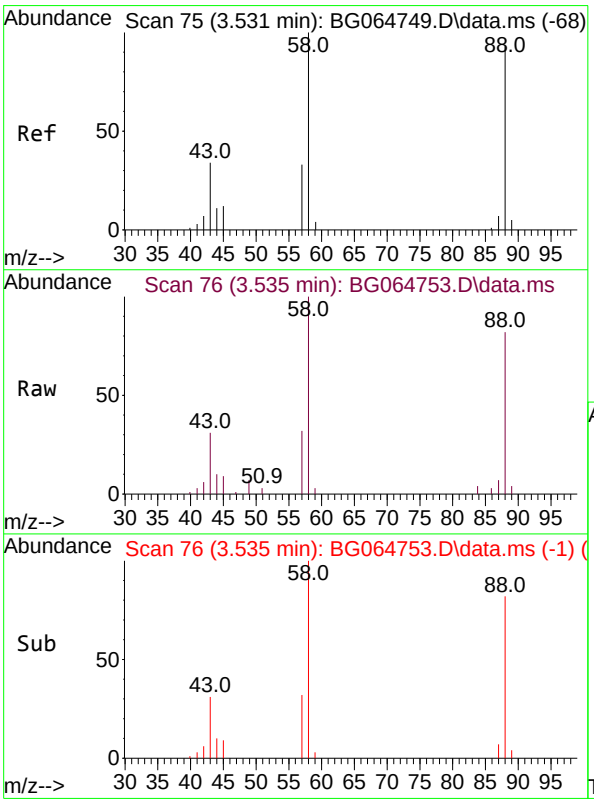
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.7 | 129.2 | 193.8 |
| 115 | 66.7 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

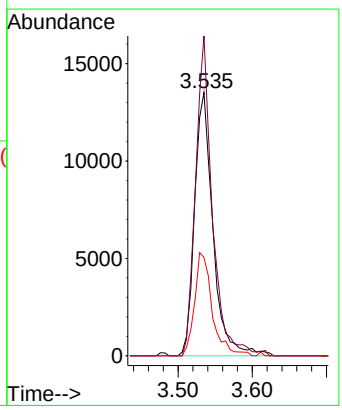
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

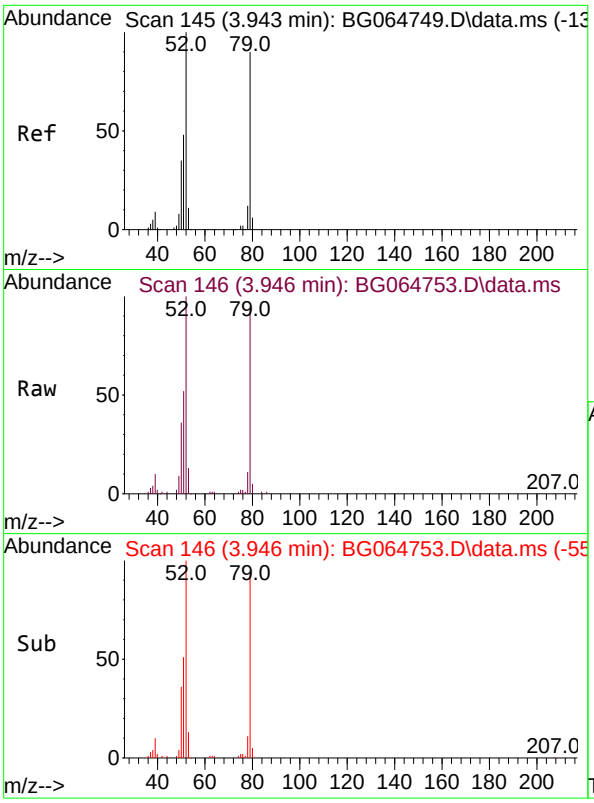



#2
1,4-Dioxane
Concen: 31.527 ng
RT: 3.535 min Scan# 76
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 88 Resp: 23293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 111.2 | 84.6 | 126.8 |
| 43 | 37.7 | 30.0 | 45.0 |

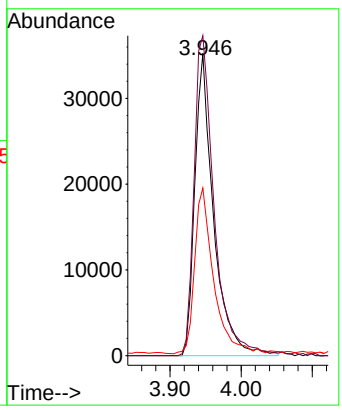





#3
Pyridine
Concen: 29.291 ng
RT: 3.946 min Scan# 14
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 79 Resp: 6448

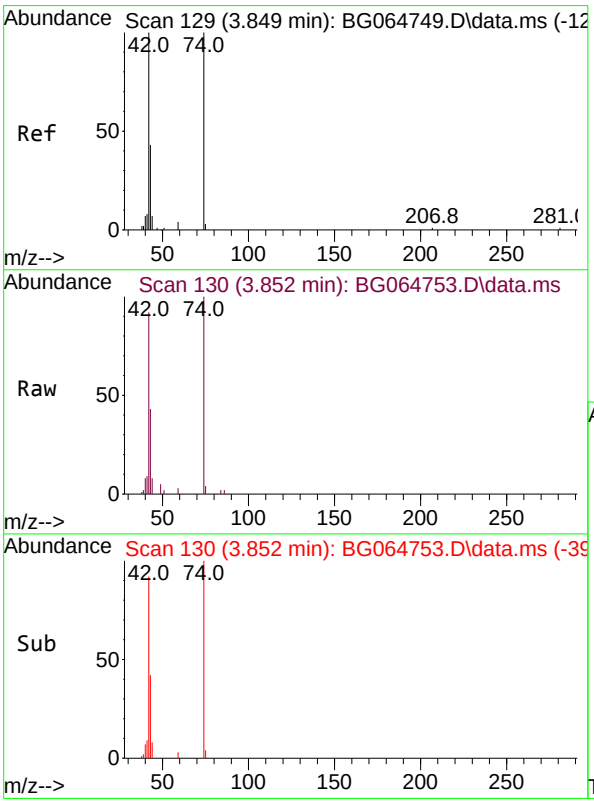
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 105.9 | 89.0 | 133.4 |
| 51 | 55.5 | 43.4 | 65.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

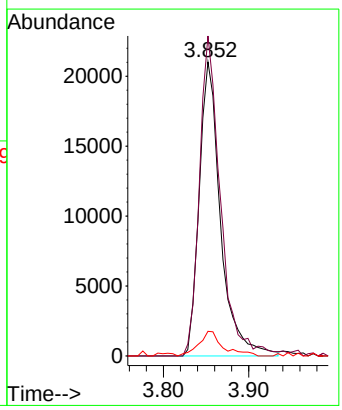
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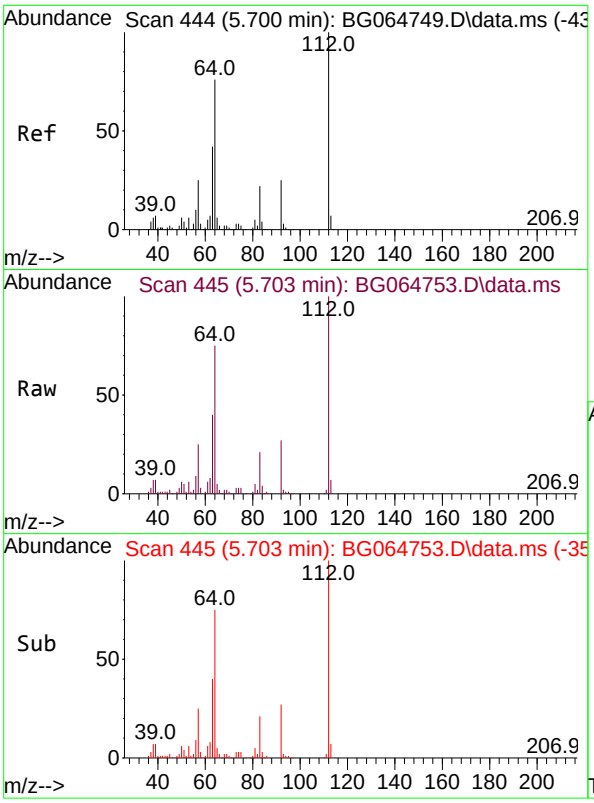



#4
n-Nitrosodimethylamine
Concen: 32.525 ng
RT: 3.852 min Scan# 130
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 42 Resp: 36442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 108.9 | 79.8 | 119.6 |
| 44 | 8.4 | 5.9 | 8.9 |






#5
2-Fluorophenol
Concen: 63.167 ng
RT: 5.703 min Scan# 44
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

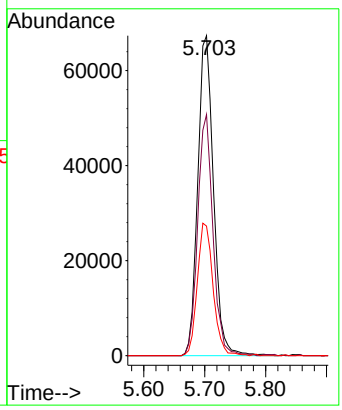
Tgt Ion:112 Resp: 12055

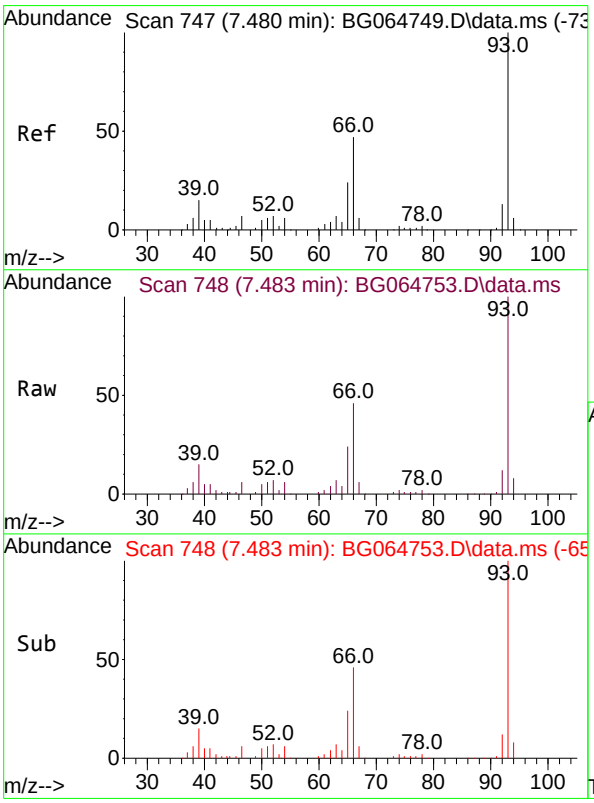
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.3 | 61.0 | 91.4 |
| 63 | 40.5 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

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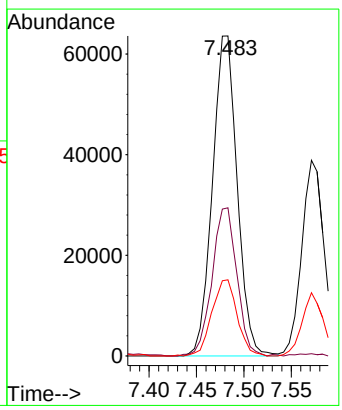


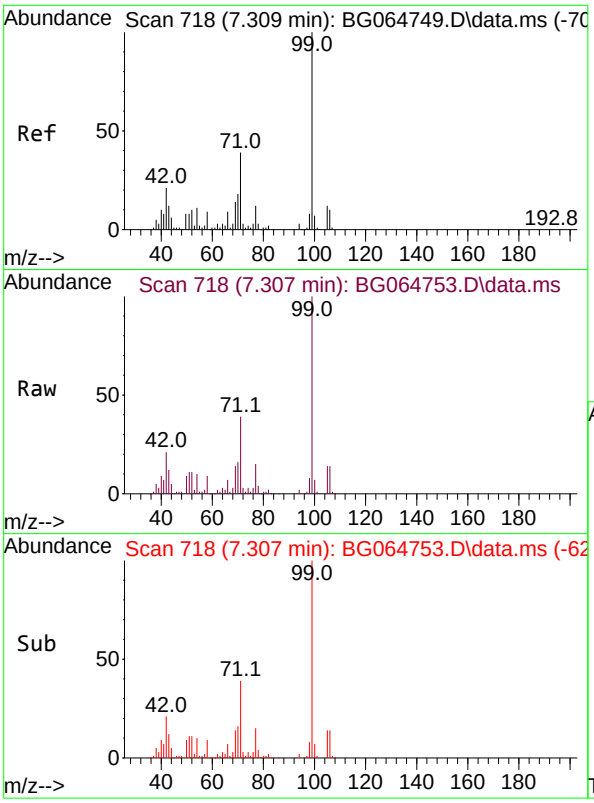




#6
Aniline
Concen: 34.106 ng
RT: 7.483 min Scan# 748
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 93 Resp: 115393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 46.3 | 37.7 | 56.5 |
| 65 | 23.8 | 19.1 | 28.7 |

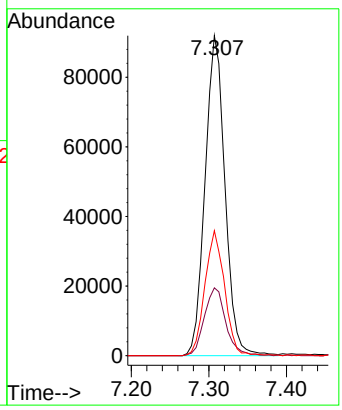





#7
Phenol-d6
Concen: 64.502 ng
RT: 7.307 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 99 Resp: 16372

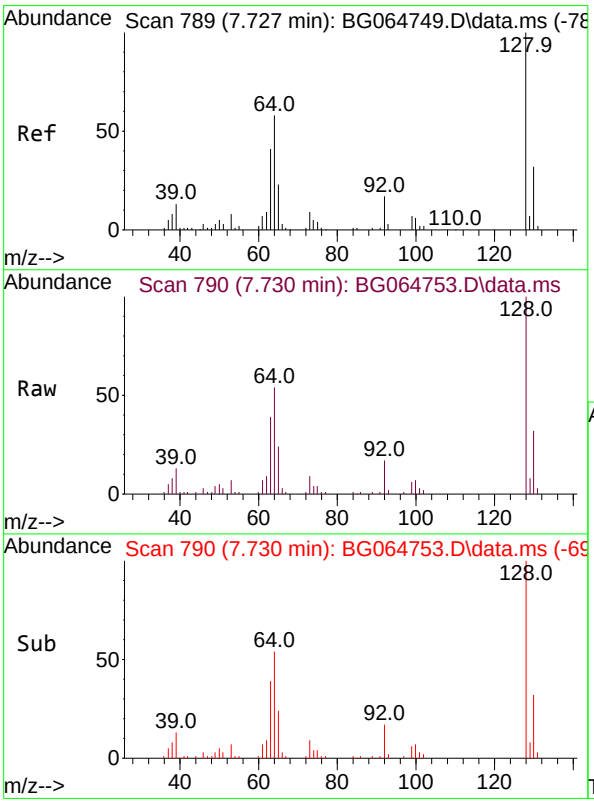
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.2 | 16.8 | 25.2 |
| 71 | 39.0 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

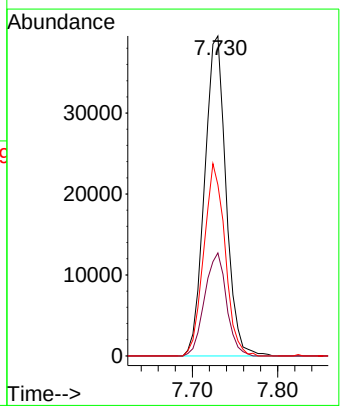
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

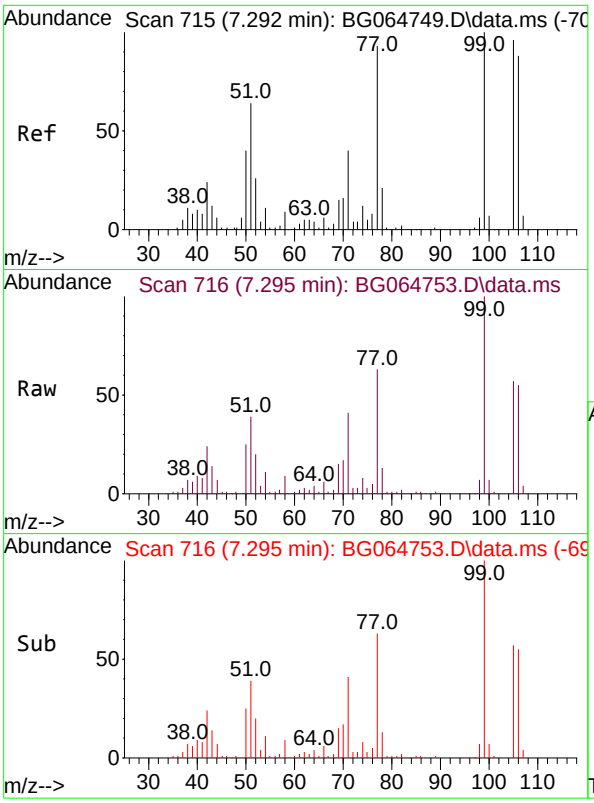



#8
2-Chlorophenol
Concen: 32.779 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:128 Resp: 68691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.2 | 11.9 | 51.9 |
| 64 | 53.5 | 38.4 | 78.4 |

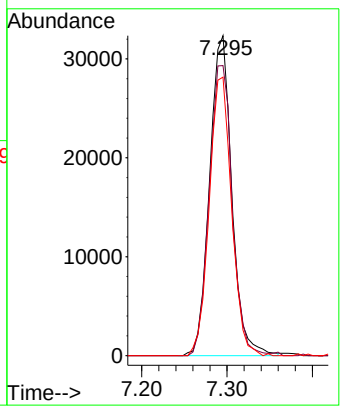





#9
Benzaldehyde
Concen: 35.196 ng
RT: 7.295 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 77 Resp: 5848

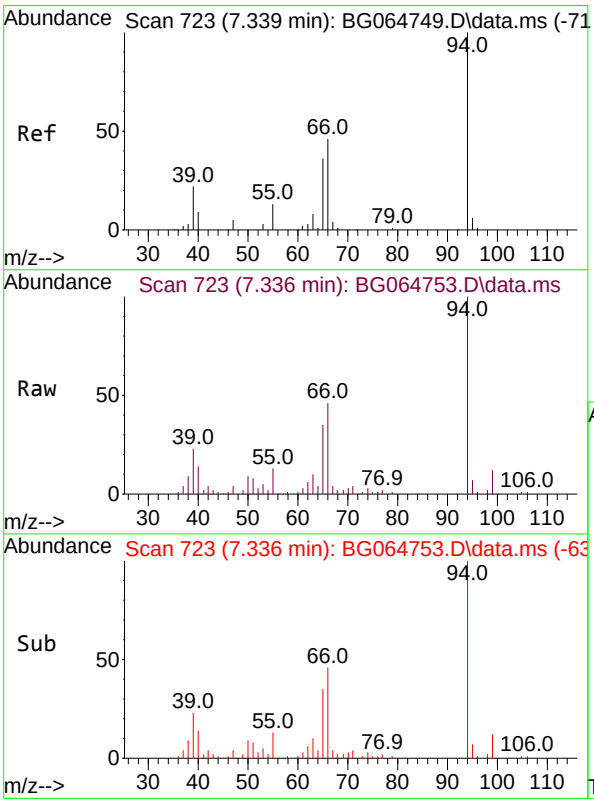
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 90.6 | 83.8 | 123.8 |
| 106 | 87.0 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

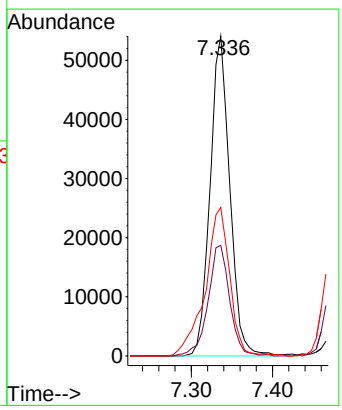
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

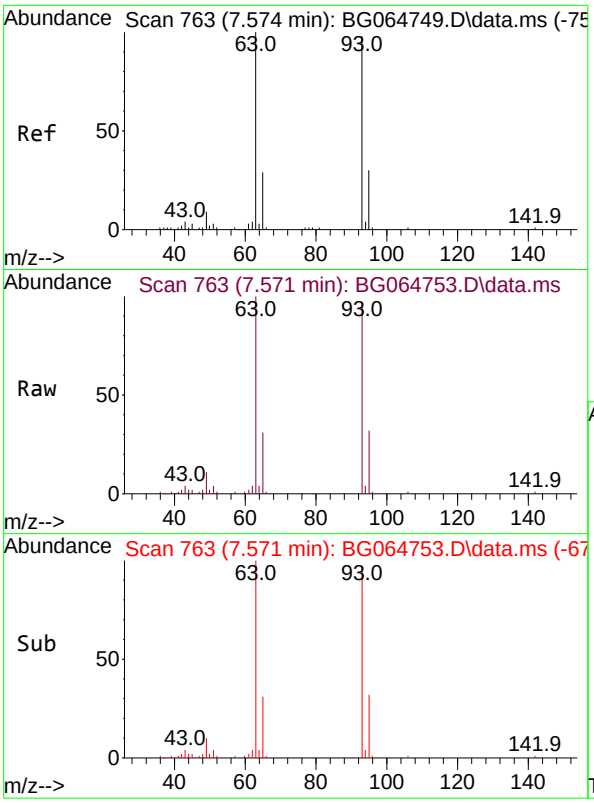



#10
Phenol
Concen: 32.974 ng
RT: 7.336 min Scan# 723
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 94 Resp: 91069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.6 | 17.0 | 57.0 |
| 66 | 46.4 | 29.8 | 69.8 |

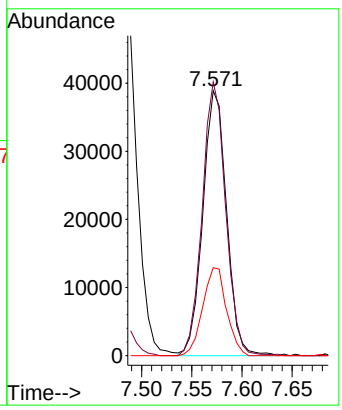





#11
bis(2-Chloroethyl)ether
Concen: 32.532 ng
RT: 7.571 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 93 Resp: 6393

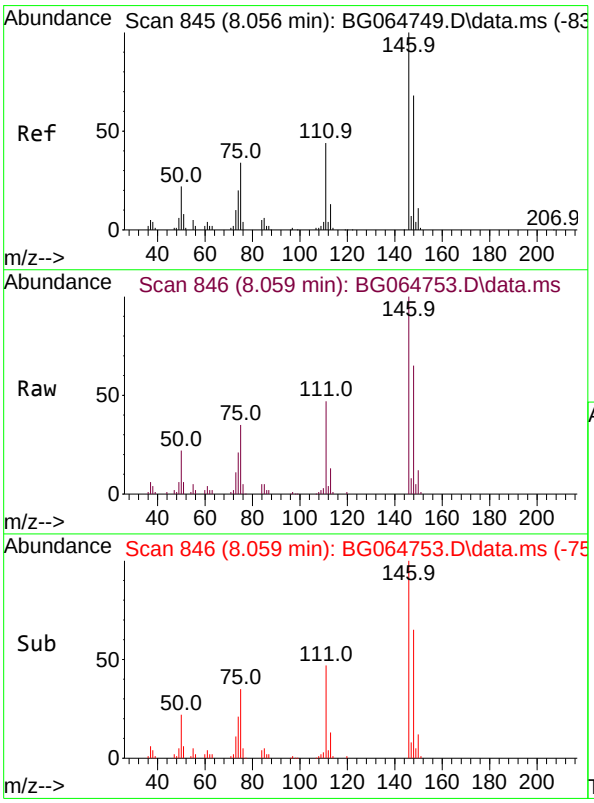
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 103.4 | 81.8 | 121.8 |
| 95 | 33.2 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

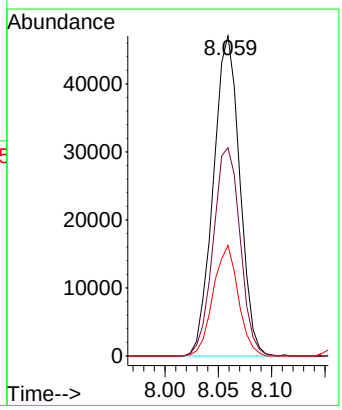
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

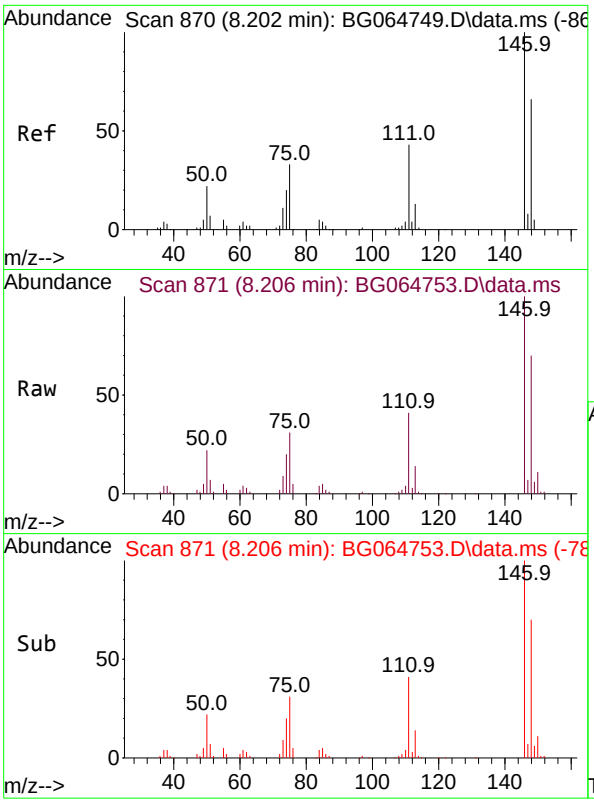



#12
1,3-Dichlorobenzene
Concen: 33.672 ng
RT: 8.059 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:146 Resp: 81195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 54.6 | 82.0 |
| 75 | 34.5 | 27.6 | 41.4 |

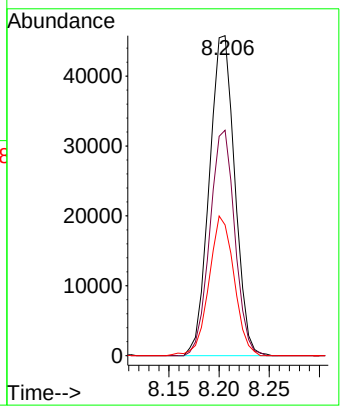





#13
1,4-Dichlorobenzene
Concen: 32.901 ng
RT: 8.206 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:146 Resp: 8078

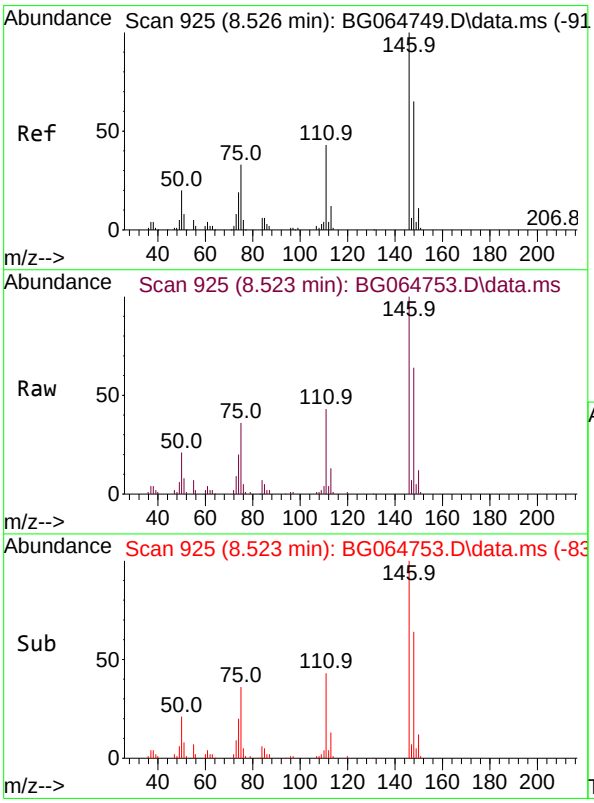
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.5 | 53.1 | 79.7 |
| 111 | 40.8 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

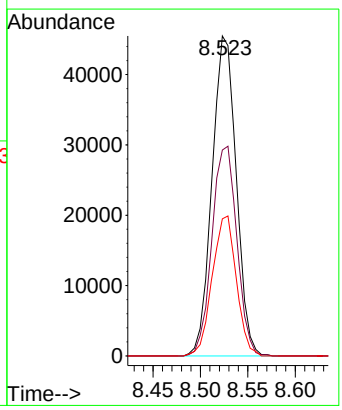
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

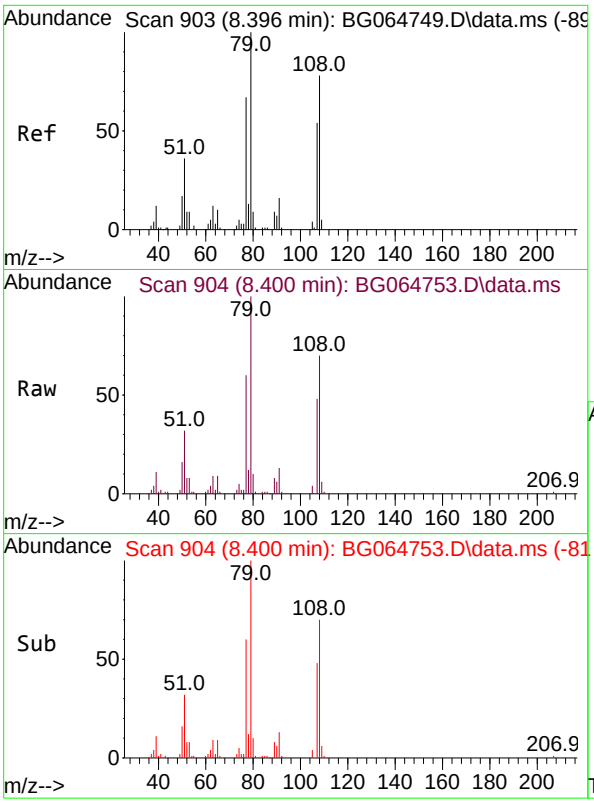



#14
1,2-Dichlorobenzene
Concen: 33.934 ng
RT: 8.523 min Scan# 925
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:146 Resp: 80788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 52.0 | 78.0 |
| 111 | 42.8 | 34.7 | 52.1 |






#15
Benzyl Alcohol
Concen: 34.561 ng
RT: 8.400 min Scan# 90
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

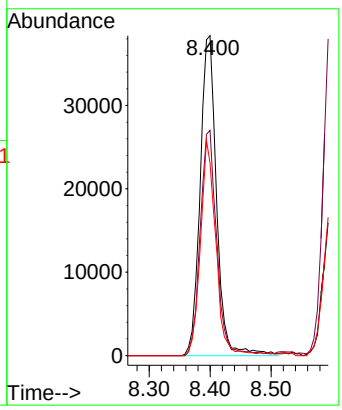
Tgt Ion: 79 Resp: 72009

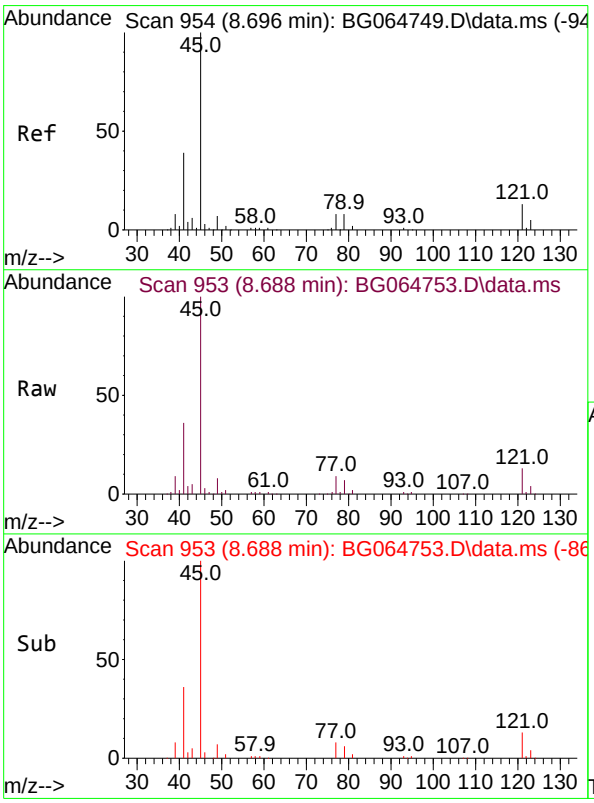
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 70.4 | 62.3 | 93.5 |
| 77 | 60.1 | 53.5 | 80.3 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

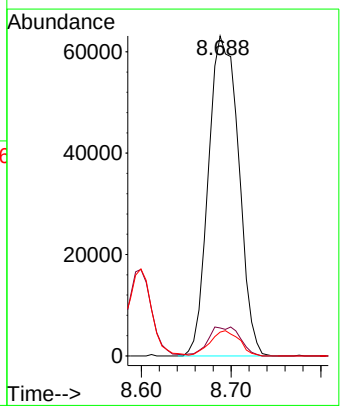


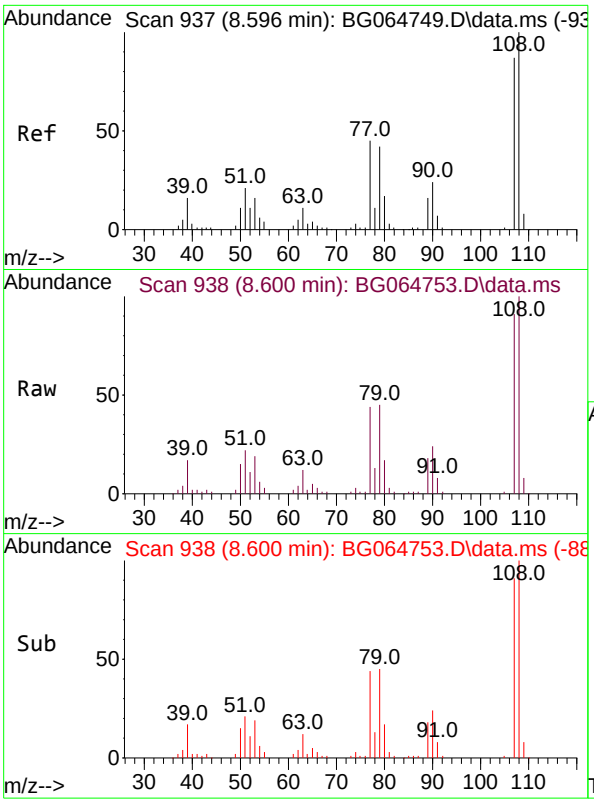




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.833 ng
RT: 8.688 min Scan# 953
Delta R.T. -0.008 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 45 Resp: 148081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 8.7 | 0.0 | 28.8 |
| 79 | 7.4 | 0.0 | 28.1 |

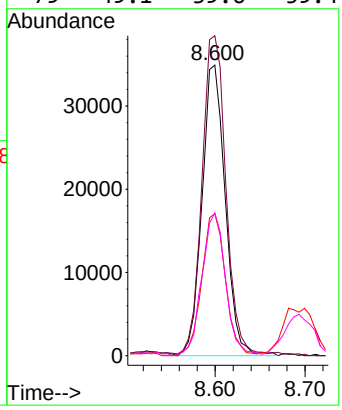





#17
2-Methylphenol
Concen: 32.149 ng
RT: 8.600 min Scan# 9
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:107 Resp: 6282

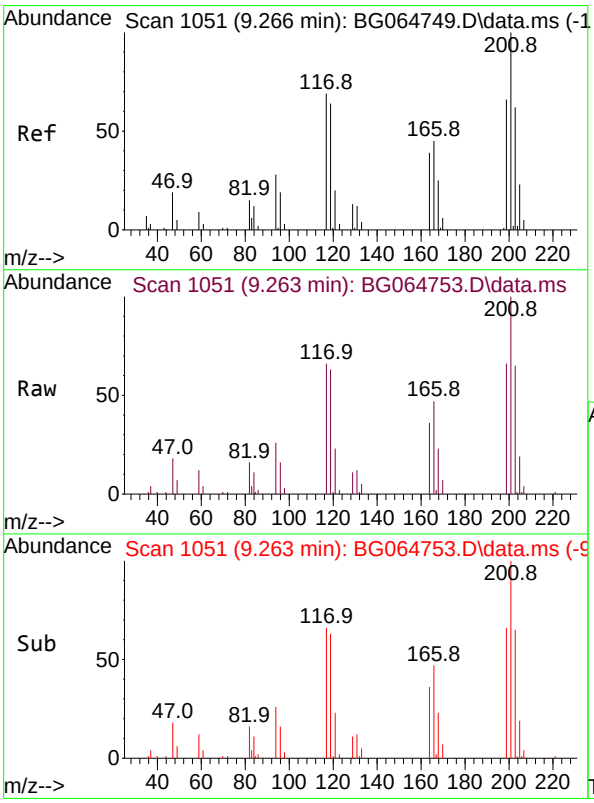
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.1 | 92.6 | 138.8 |
| 77 | 48.8 | 41.2 | 61.8 |
| 79 | 49.1 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

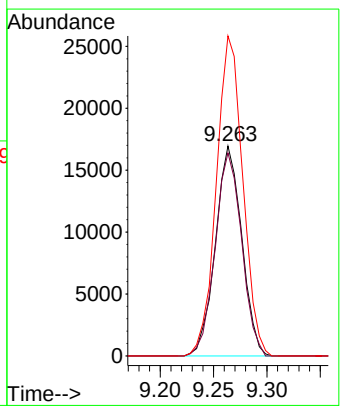
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

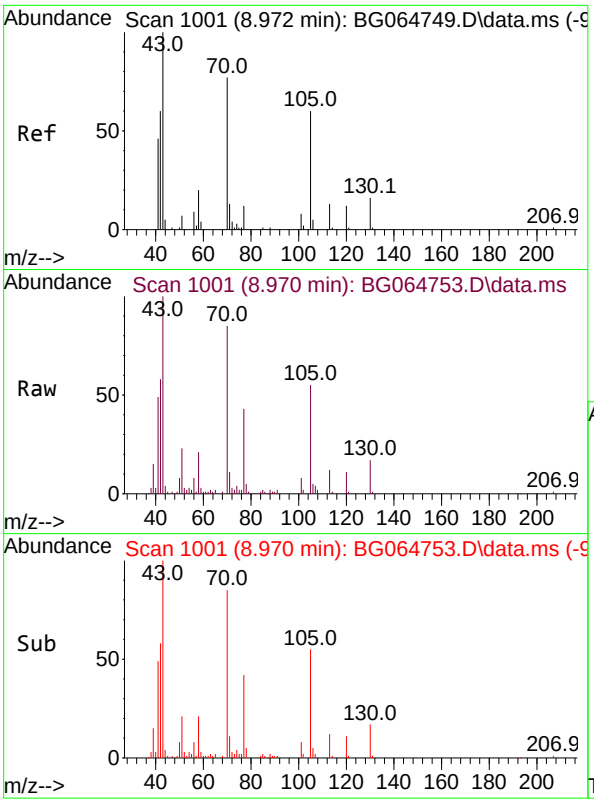



#18
Hexachloroethane
Concen: 31.370 ng
RT: 9.263 min Scan# 1051
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:117 Resp: 29173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 74.4 | 111.6 |
| 201 | 152.5 | 116.5 | 174.7 |

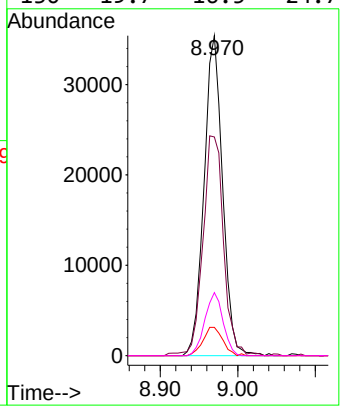





#19
n-Nitroso-di-n-propylamine
Concen: 34.287 ng
RT: 8.970 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 70 Resp: 5884

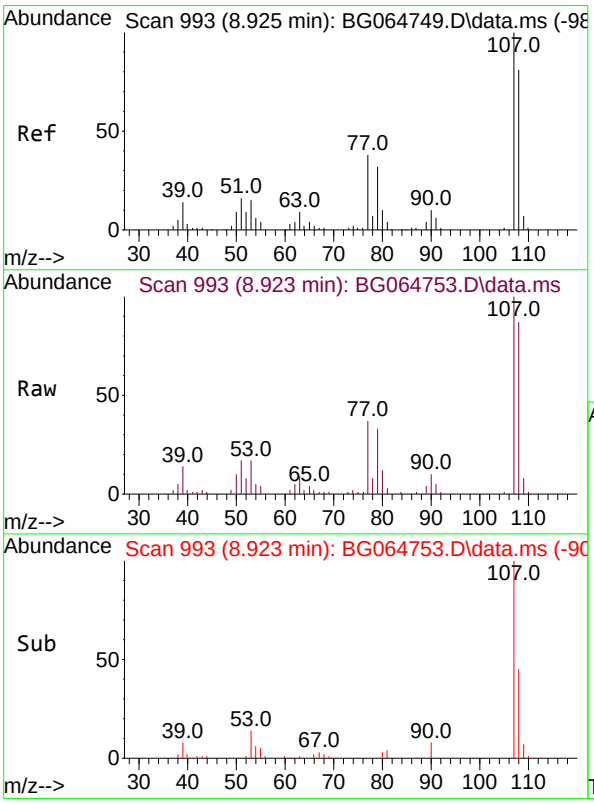
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.3 | 62.6 | 93.8 |
| 101 | 8.8 | 8.0 | 12.0 |
| 130 | 19.7 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

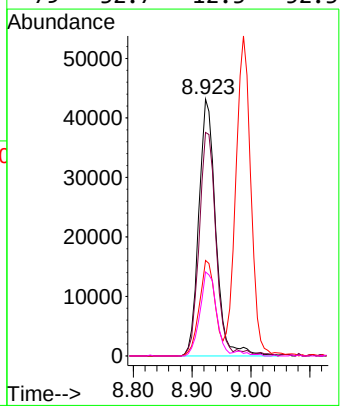
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

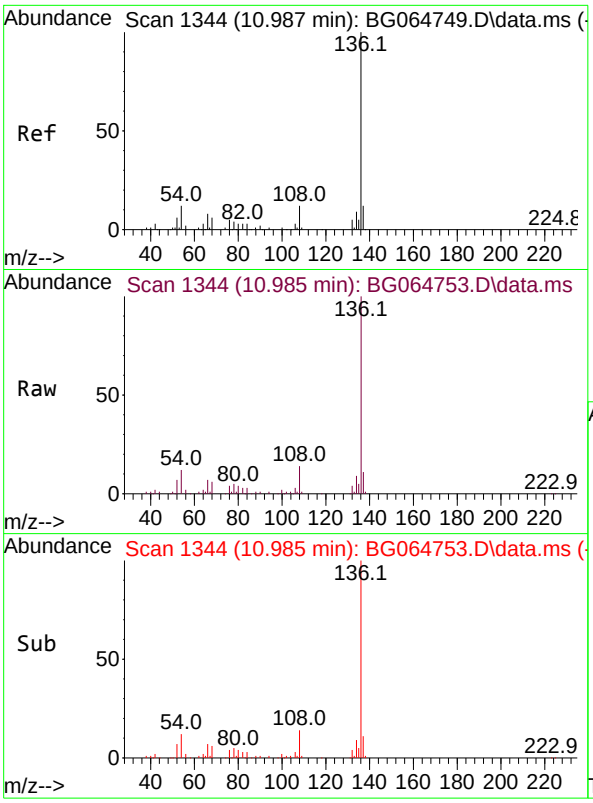



#20
3+4-Methylphenols
Concen: 32.235 ng
RT: 8.923 min Scan# 993
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:107 Resp: 86297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.0 | 61.0 | 101.0 |
| 77 | 37.2 | 17.6 | 57.6 |
| 79 | 32.7 | 12.3 | 52.3 |

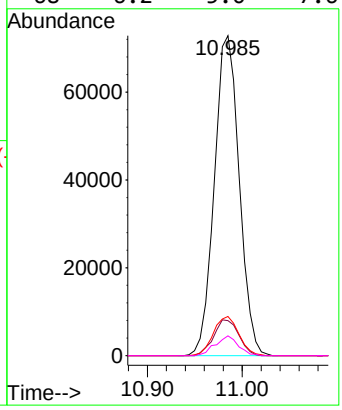





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:136 Resp: 13274

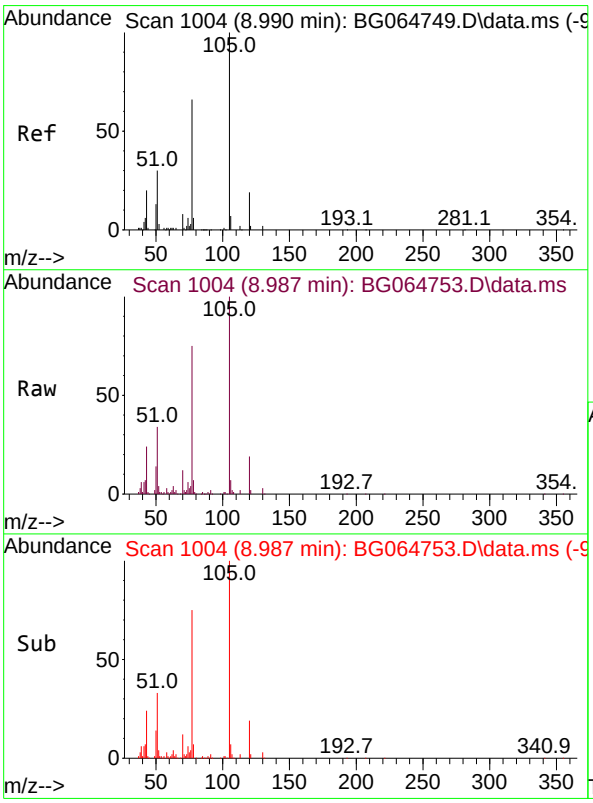
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.3 | 13.9 |
| 54 | 12.2 | 9.3 | 13.9 |
| 68 | 6.2 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

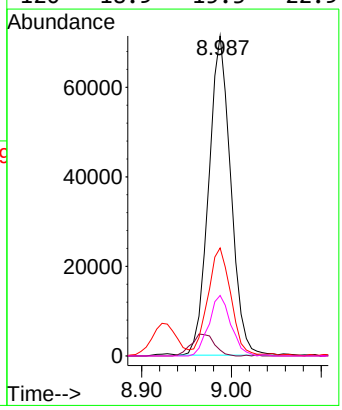
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

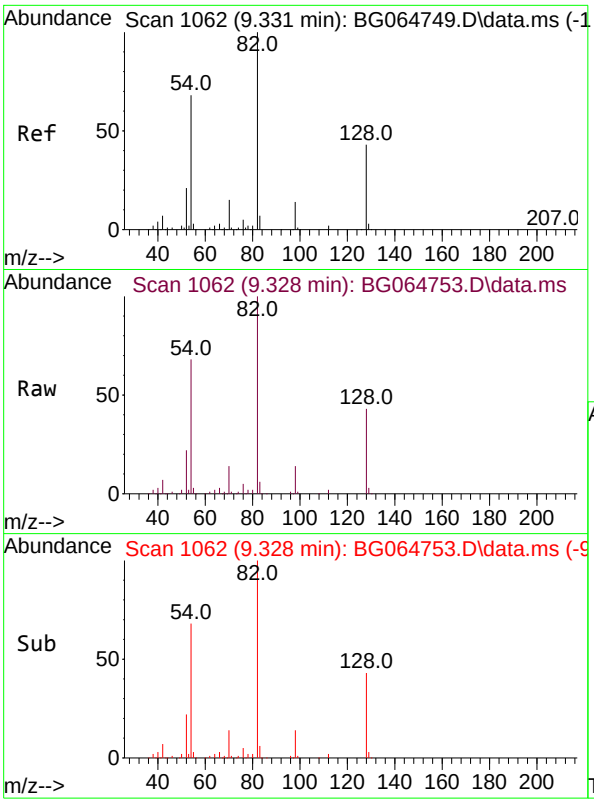



#22
Acetophenone
Concen: 33.774 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:105 Resp: 122146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.8 | 1.3 | 1.9 |
| 51 | 33.7 | 27.9 | 41.9 |
| 120 | 18.9 | 15.3 | 22.9 |

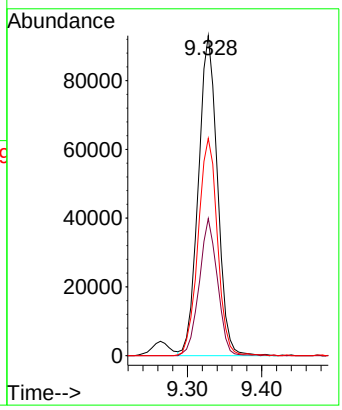





#23
Nitrobenzene-d5
Concen: 61.930 ng
RT: 9.328 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 82 Resp: 16627

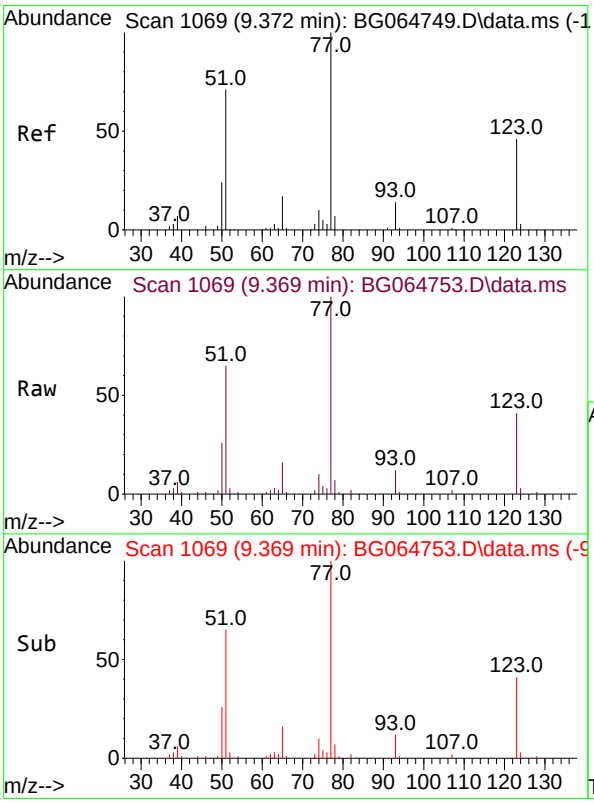
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.8 | 34.1 | 51.1 |
| 54 | 67.9 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

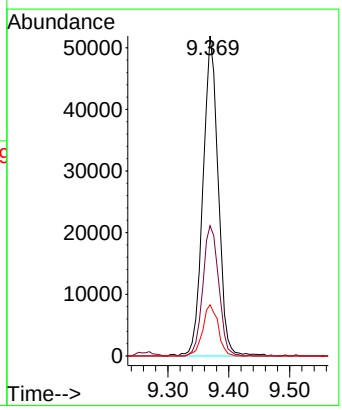
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

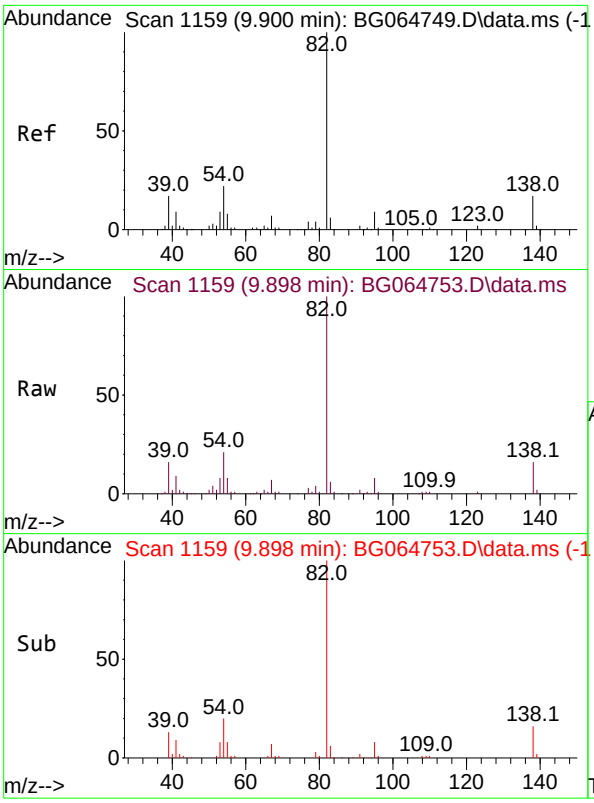



#24
Nitrobenzene
Concen: 33.162 ng
RT: 9.369 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 77 Resp: 89962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 40.7 | 36.5 | 54.7 |
| 65 | 16.0 | 13.5 | 20.3 |






#25
Isophorone
Concen: 32.368 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

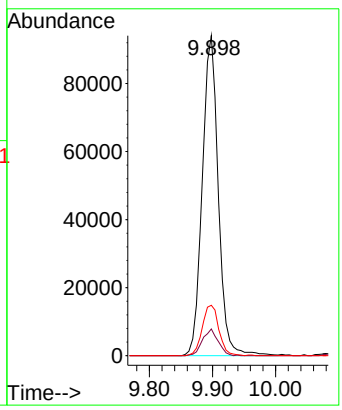
Tgt Ion: 82 Resp: 16549

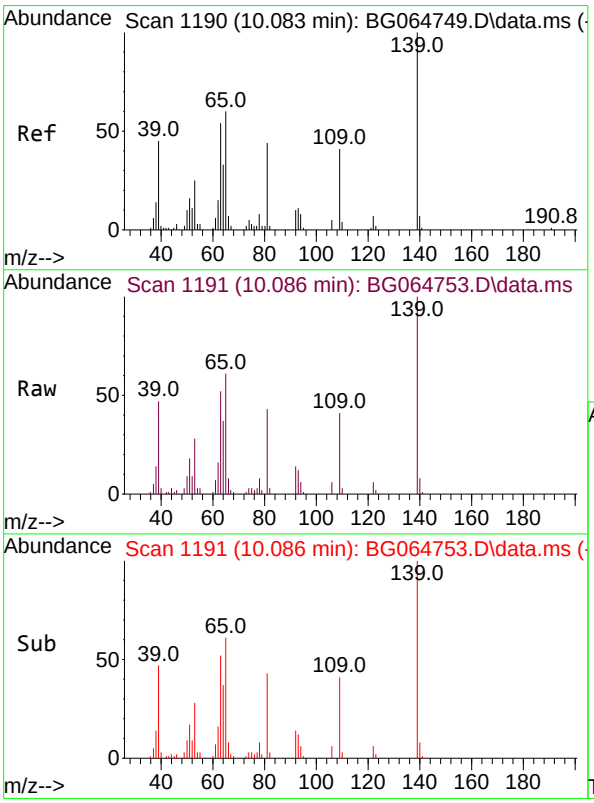
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.3 | 6.9 | 10.3 |
| 138 | 15.7 | 13.9 | 20.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

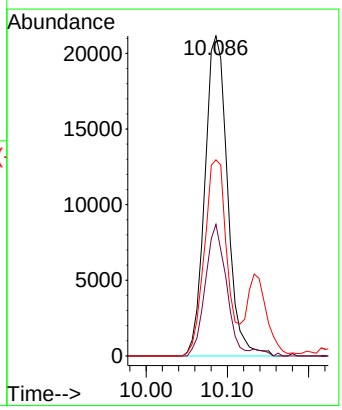


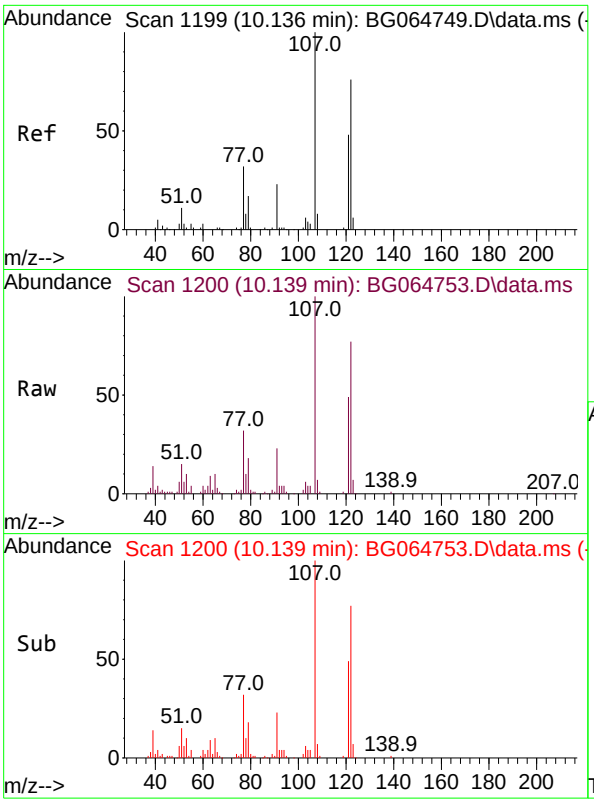




#26
2-Nitrophenol
Concen: 33.507 ng
RT: 10.086 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:139 Resp: 40886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 41.1 | 32.5 | 48.7 |
| 65 | 61.3 | 47.6 | 71.4 |

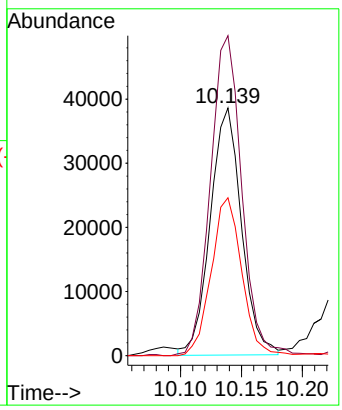





#27
2,4-Dimethylphenol
Concen: 31.650 ng
RT: 10.139 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:122 Resp: 6861

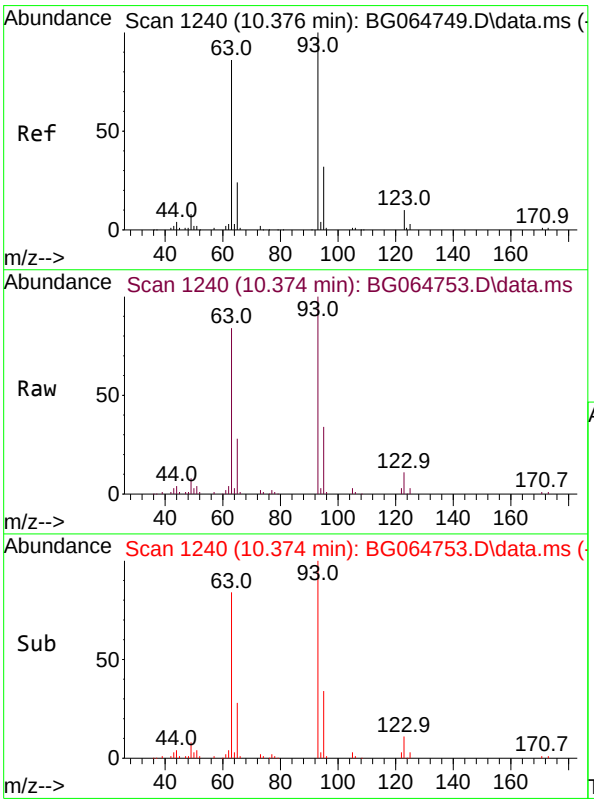
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 129.3 | 102.5 | 153.7 |
| 121 | 63.8 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

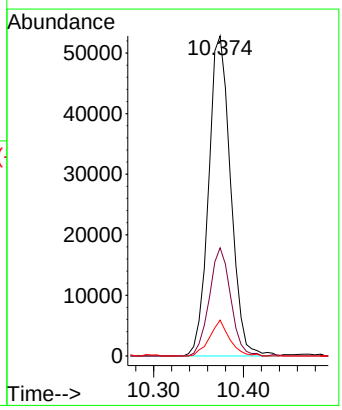
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

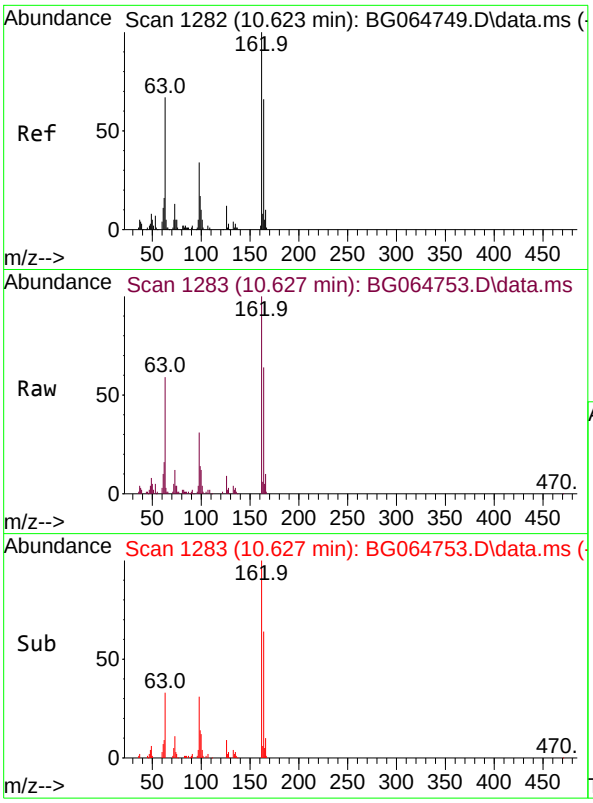



#28
bis(2-Chloroethoxy)methane
Concen: 32.150 ng
RT: 10.374 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 93 Resp: 90243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.8 | 25.4 | 38.2 |
| 123 | 11.2 | 8.1 | 12.1 |






#29
2,4-Dichlorophenol
Concen: 33.040 ng
RT: 10.627 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

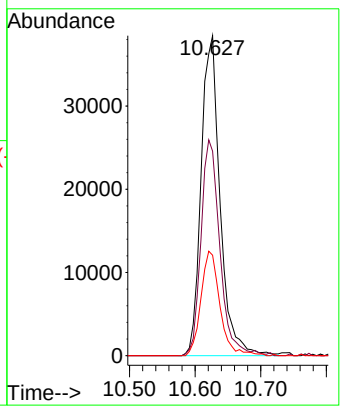
Tgt Ion:162 Resp: 7689

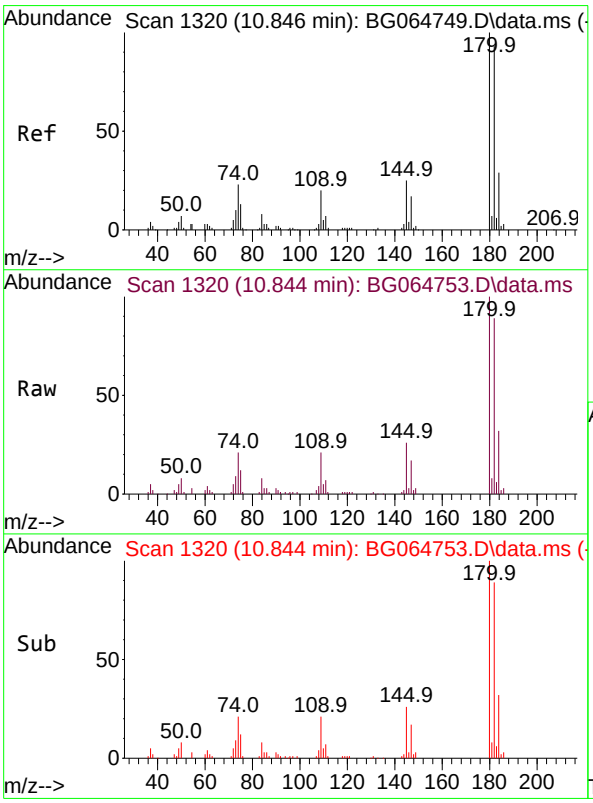
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.9 | 46.0 | 86.0 |
| 98 | 31.4 | 14.2 | 54.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

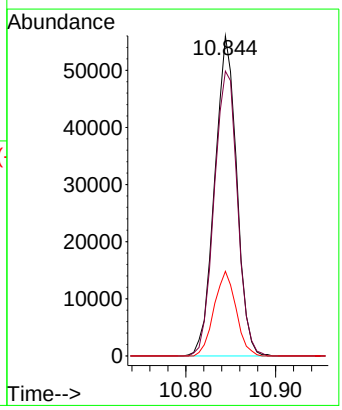


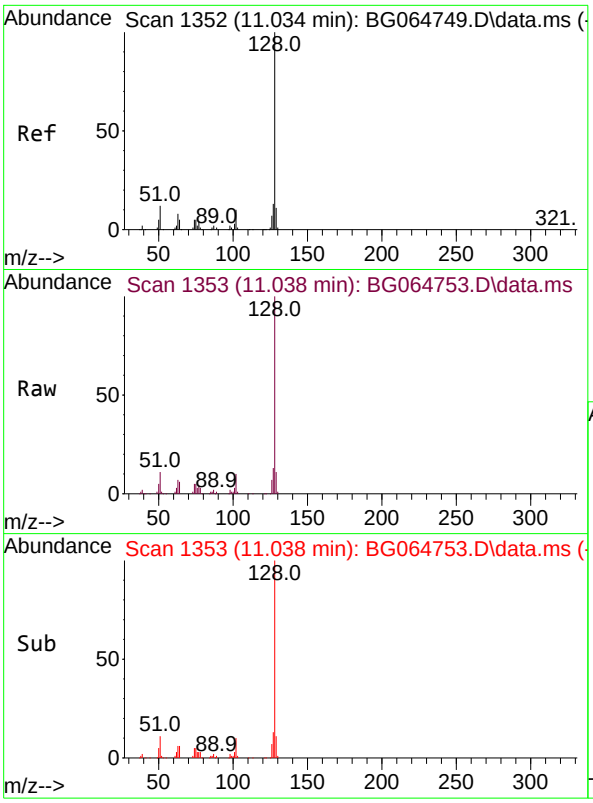




#30
1,2,4-Trichlorobenzene
Concen: 33.988 ng
RT: 10.844 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:180 Resp: 95519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 89.0 | 74.2 | 111.4 |
| 145 | 26.4 | 20.0 | 30.0 |






#31
Naphthalene
Concen: 31.383 ng
RT: 11.038 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

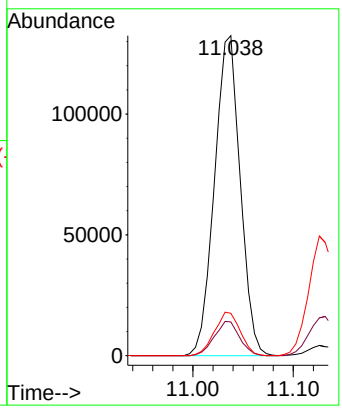
Tgt Ion:128 Resp: 23616

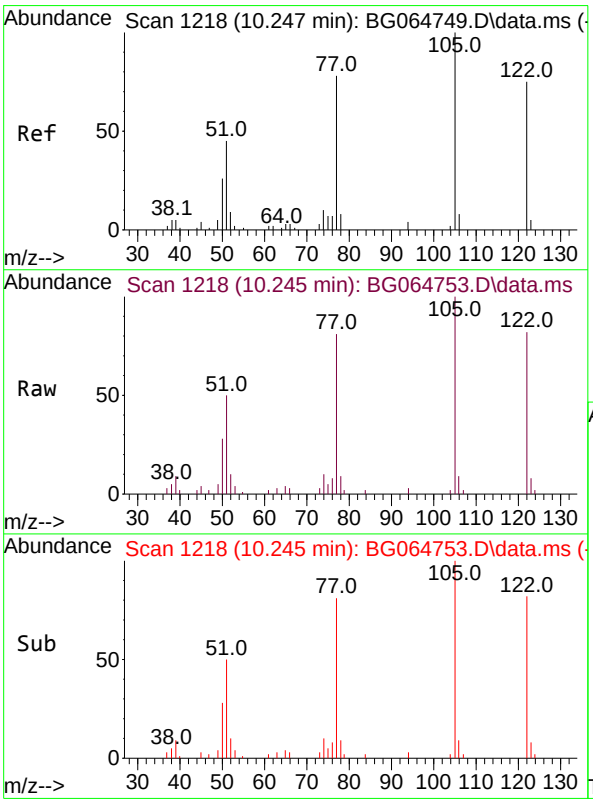
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.6 | 8.6 | 12.8 |
| 127 | 13.2 | 10.6 | 16.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

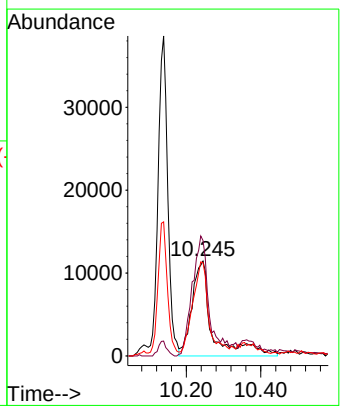


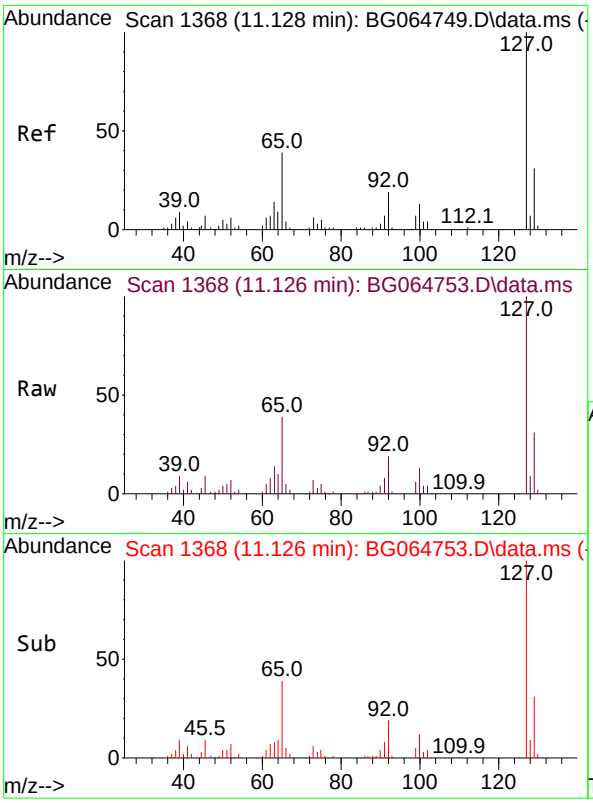




#32
Benzoic acid
Concen: 30.681 ng m
RT: 10.245 min Scan# 1218
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:122 Resp: 43241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.7 | 107.6 | 147.6 |
| 77 | 98.4 | 82.5 | 122.5 |

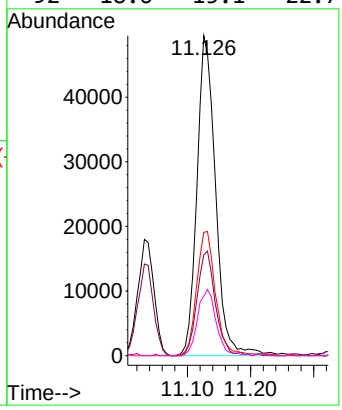





#33
4-Chloroaniline
Concen: 33.639 ng
RT: 11.126 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:127 Resp: 10126

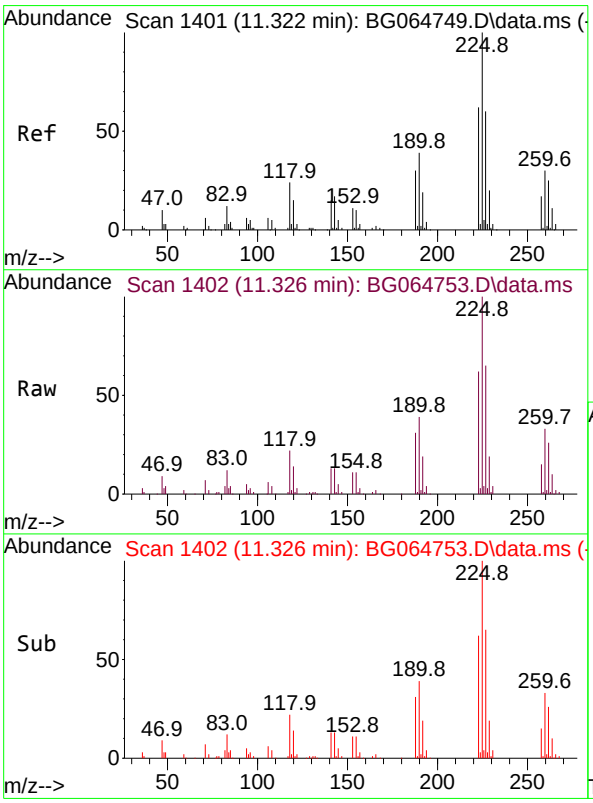
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.5 | 24.9 | 37.3 |
| 65 | 38.5 | 30.9 | 46.3 |
| 92 | 18.6 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

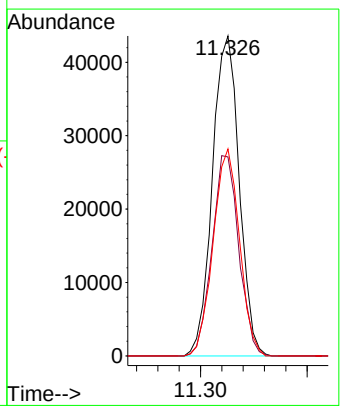
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

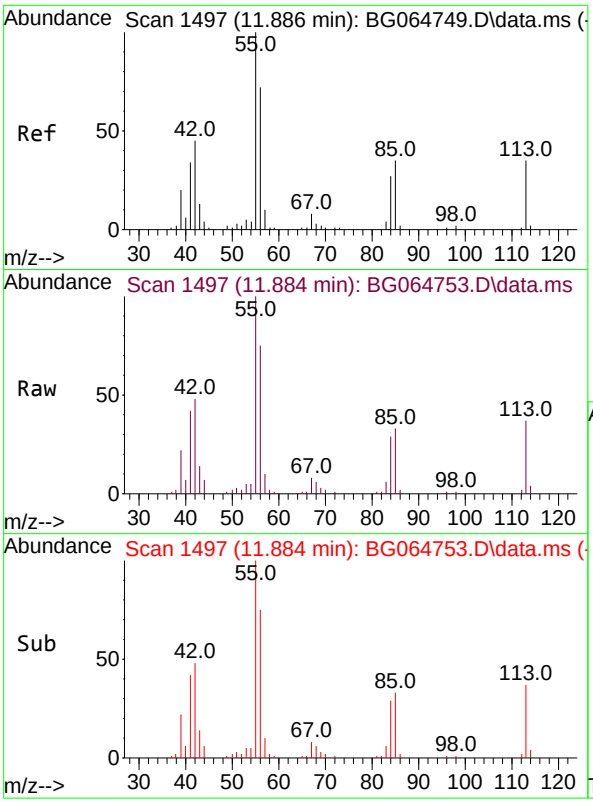



#34
Hexachlorobutadiene
Concen: 31.513 ng
RT: 11.326 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:225 Resp: 75988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.6 | 49.9 | 74.9 |
| 227 | 62.0 | 50.6 | 75.8 |

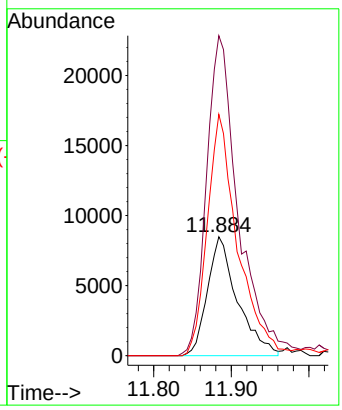





#35
Caprolactam
Concen: 32.854 ng
RT: 11.884 min Scan# 14
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:113 Resp: 2287

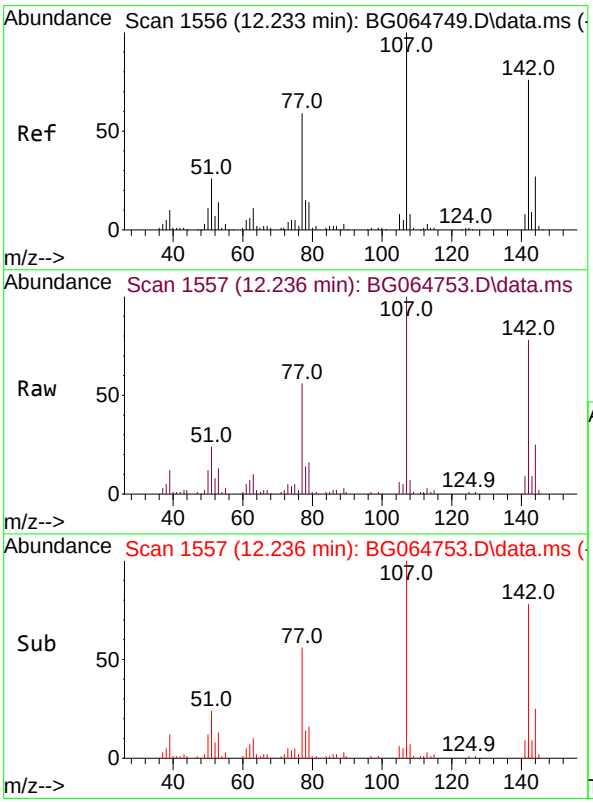
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 269.5 | 263.7 | 303.7 |
| 56 | 203.1 | 184.0 | 224.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

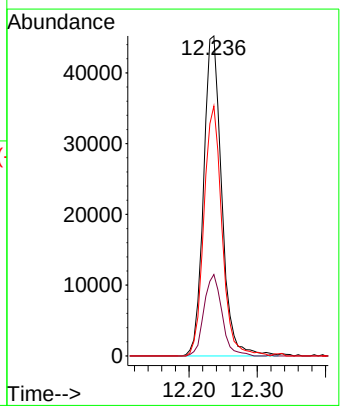
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

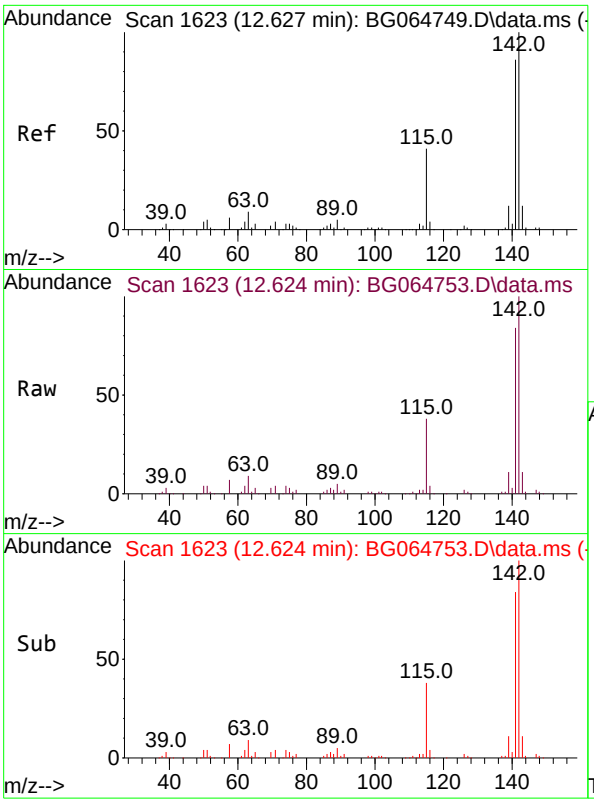



#36
4-Chloro-3-methylphenol
Concen: 32.195 ng
RT: 12.236 min Scan# 1557
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:107 Resp: 83400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.4 | 21.7 | 32.5 |
| 142 | 78.1 | 60.8 | 91.2 |

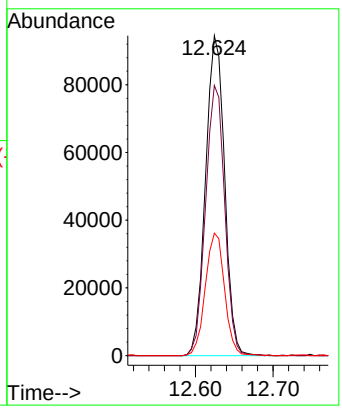





#37
2-Methylnaphthalene
Concen: 28.612 ng
RT: 12.624 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:142 Resp: 16112

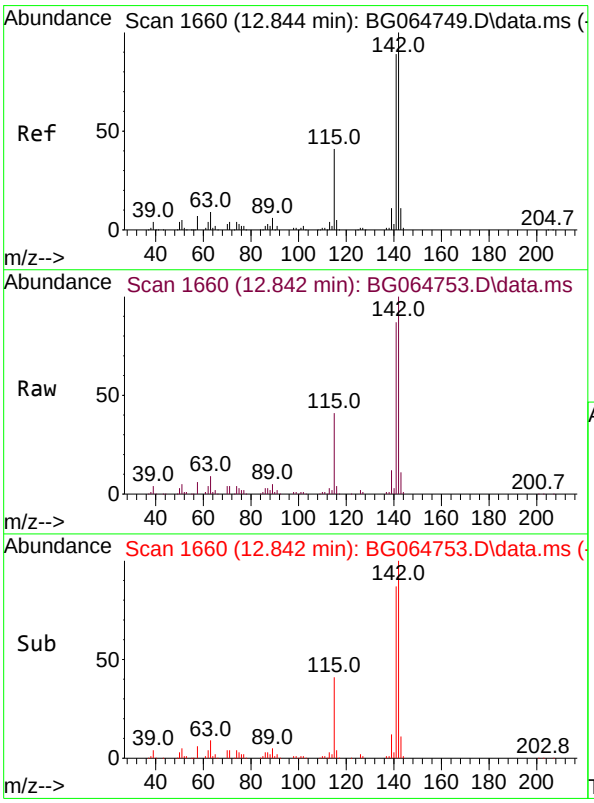
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 84.4 | 69.1 | 103.7 |
| 115 | 38.3 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

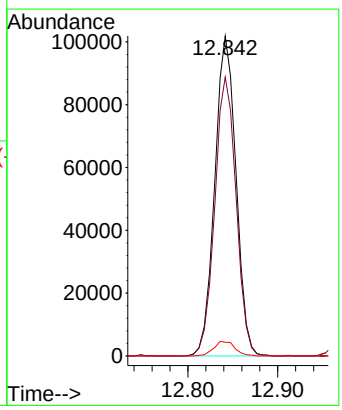
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

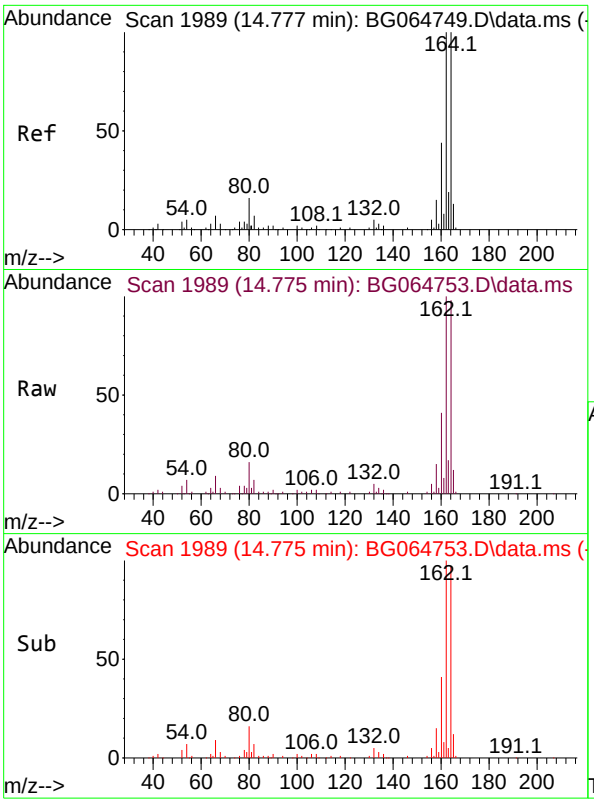



#38
1-Methylnaphthalene
Concen: 30.038 ng
RT: 12.842 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:142 Resp: 168025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 70.8 | 106.2 |
| 116 | 4.3 | 3.7 | 5.5 |






#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 19
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

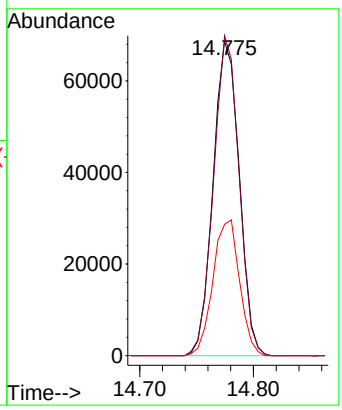
Tgt Ion:164 Resp: 10940

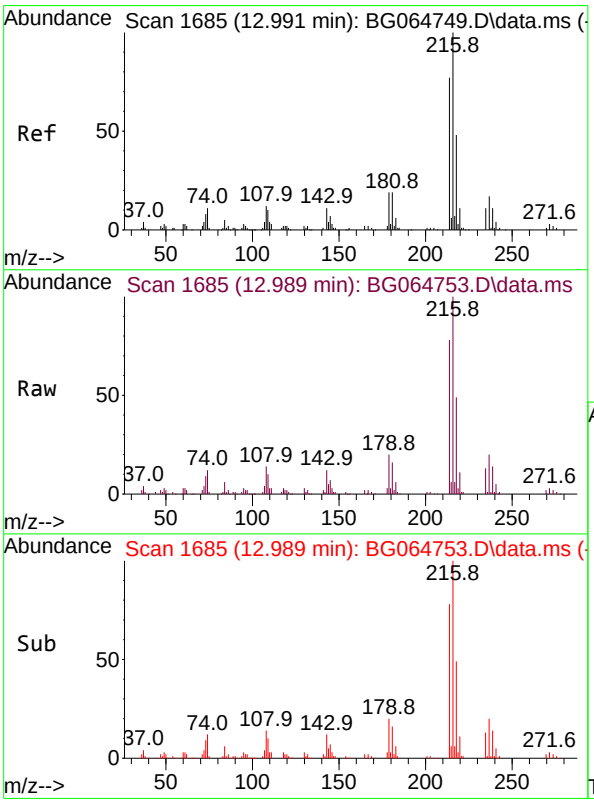
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.7 | 79.8 | 119.6 |
| 160 | 41.7 | 34.9 | 52.3 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

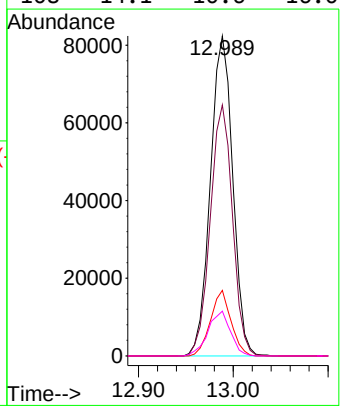


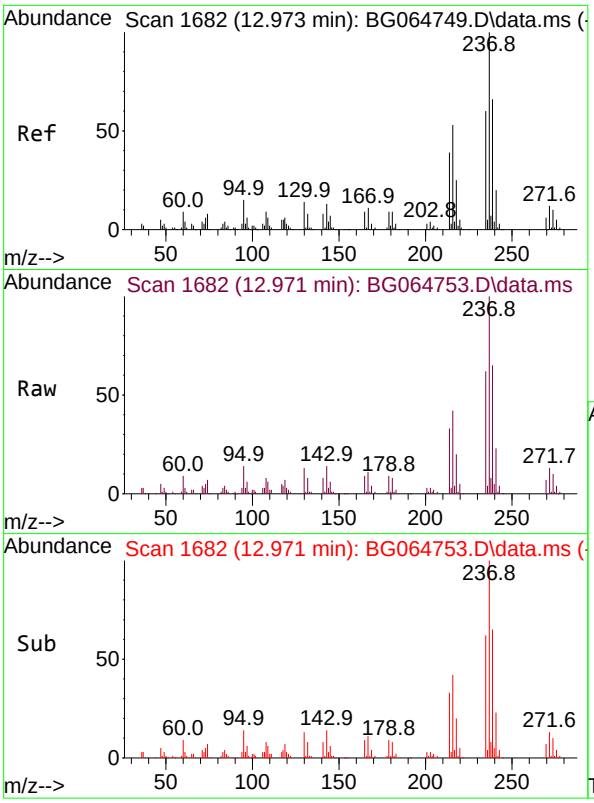




#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.686 ng
RT: 12.989 min Scan# 1685
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:216 Resp: 134917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.8 | 60.5 | 90.7 |
| 179 | 18.8 | 14.7 | 22.1 |
| 108 | 14.1 | 10.6 | 16.0 |






#41
Hexachlorocyclopentadiene
Concen: 30.647 ng
RT: 12.971 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

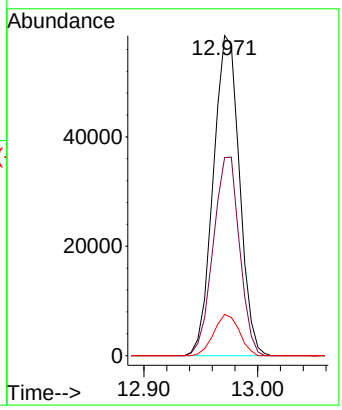
Tgt Ion:237 Resp: 9353

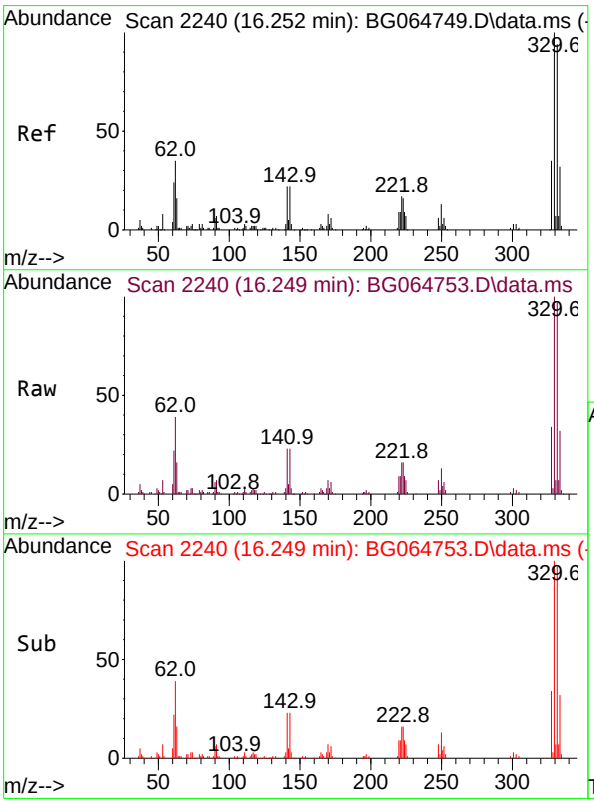
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.9 | 40.2 | 80.2 |
| 272 | 12.9 | 0.0 | 31.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

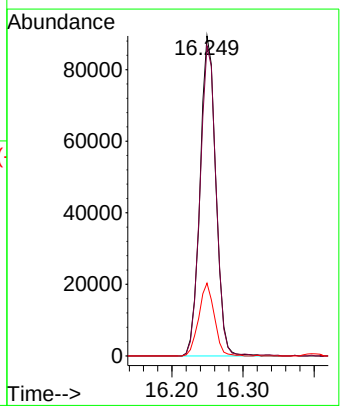


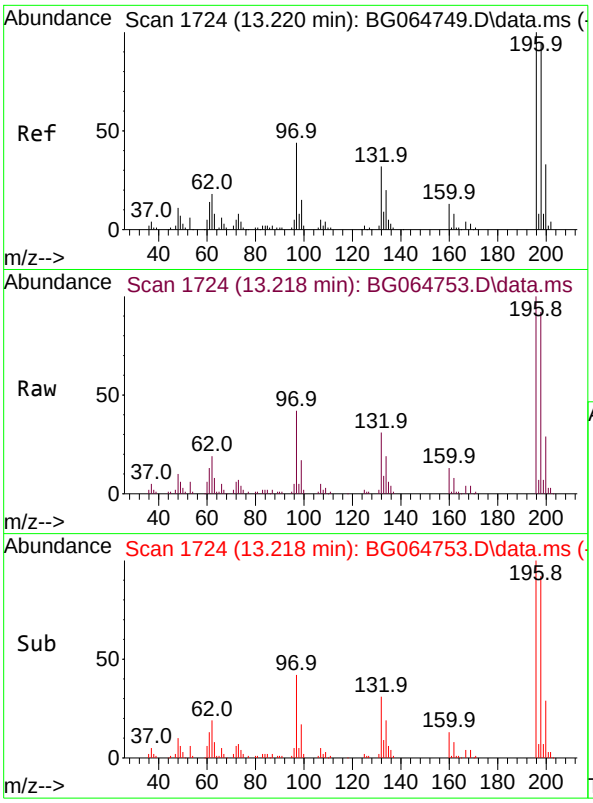




#42
2,4,6-Tribromophenol
Concen: 64.162 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:330 Resp: 136910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.9 | 77.0 | 115.6 |
| 141 | 22.4 | 18.2 | 27.2 |

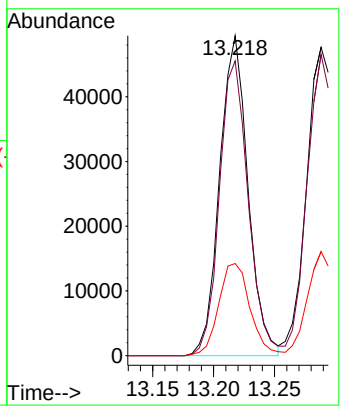





#43
2,4,6-Trichlorophenol
Concen: 32.039 ng
RT: 13.218 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:196 Resp: 8006

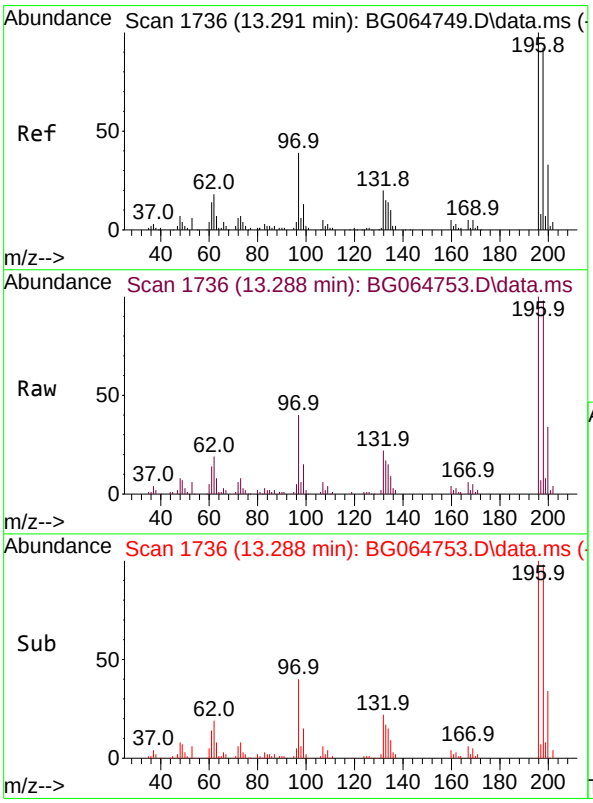
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.1 | 75.3 | 112.9 |
| 200 | 28.8 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

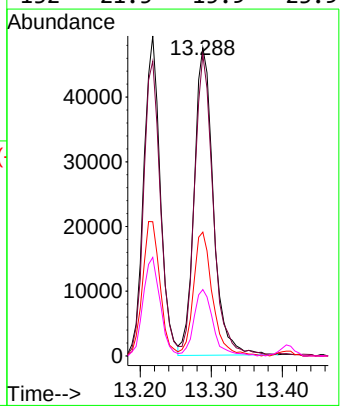
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

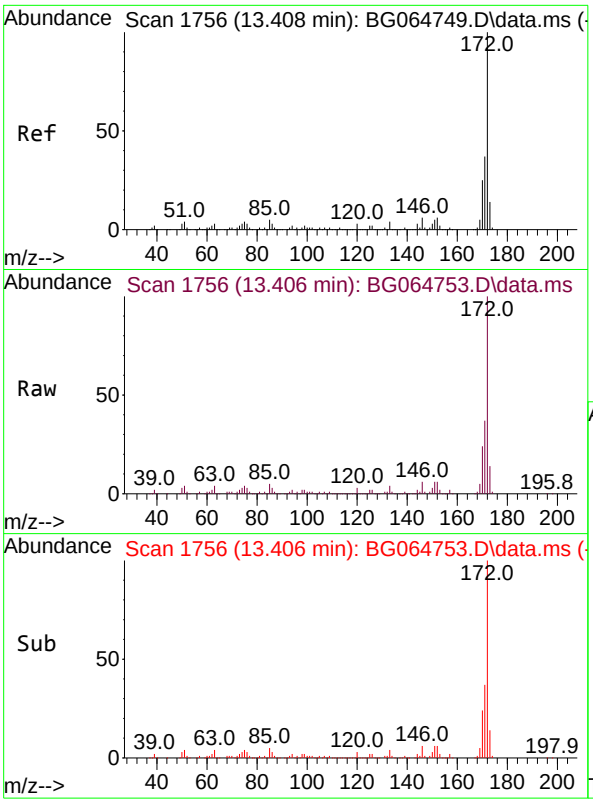



#44
2,4,5-Trichlorophenol
Concen: 31.528 ng
RT: 13.288 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:196 Resp: 88366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.7 | 73.2 | 109.8 |
| 97 | 40.2 | 31.4 | 47.0 |
| 132 | 21.5 | 15.9 | 23.9 |

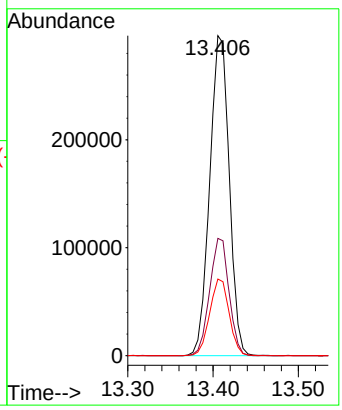





#45
2-Fluorobiphenyl
Concen: 59.990 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:172 Resp: 47038

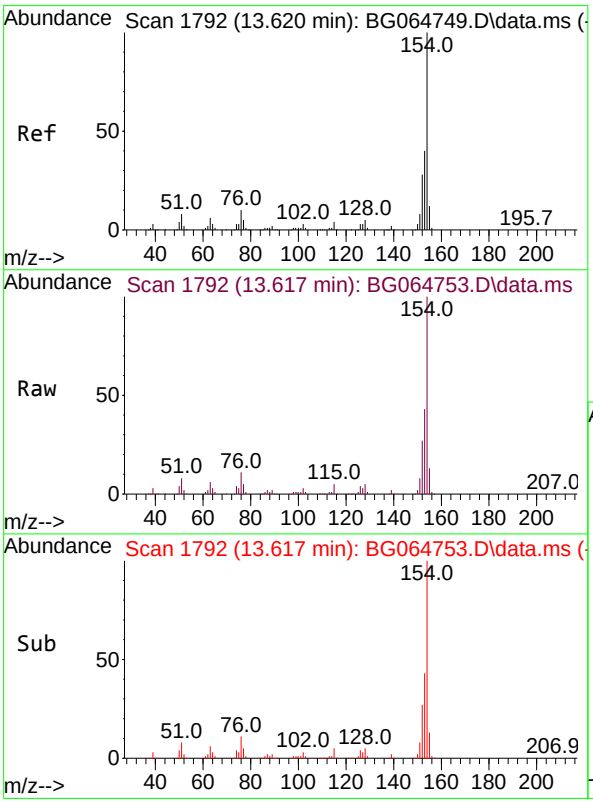
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.9 | 44.9 |
| 170 | 23.9 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

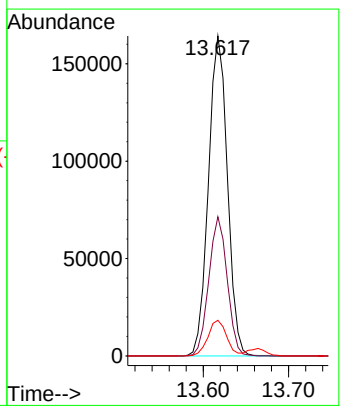
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

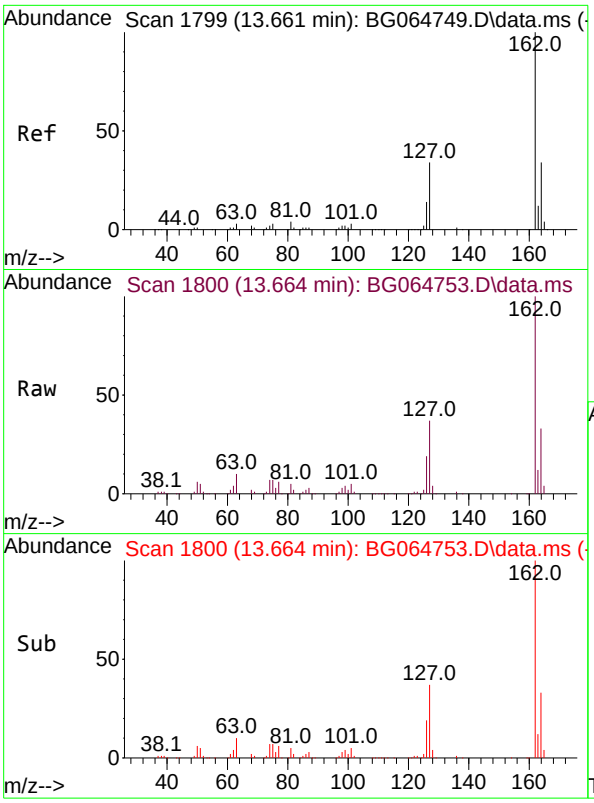



#46
1,1'-Biphenyl
Concen: 32.265 ng
RT: 13.617 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:154 Resp: 253543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 43.5 | 19.8 | 59.8 |
| 76 | 11.1 | 0.0 | 30.0 |

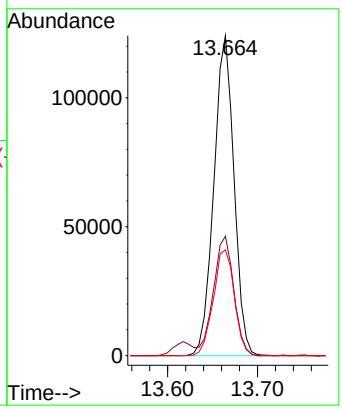





#47
2-Chloronaphthalene
Concen: 31.173 ng
RT: 13.664 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:162 Resp: 192989

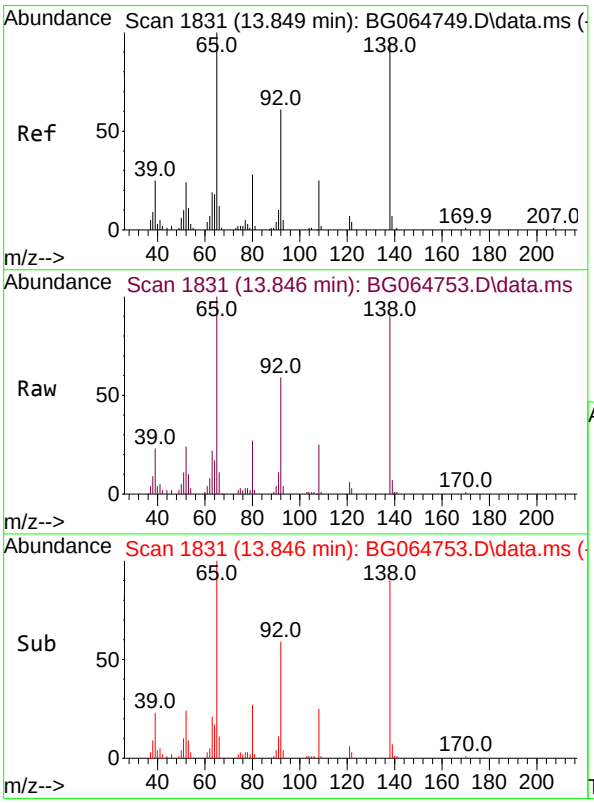
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.4 | 30.3 | 45.5 |
| 164 | 33.1 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

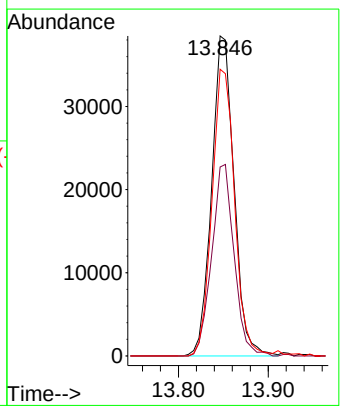
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

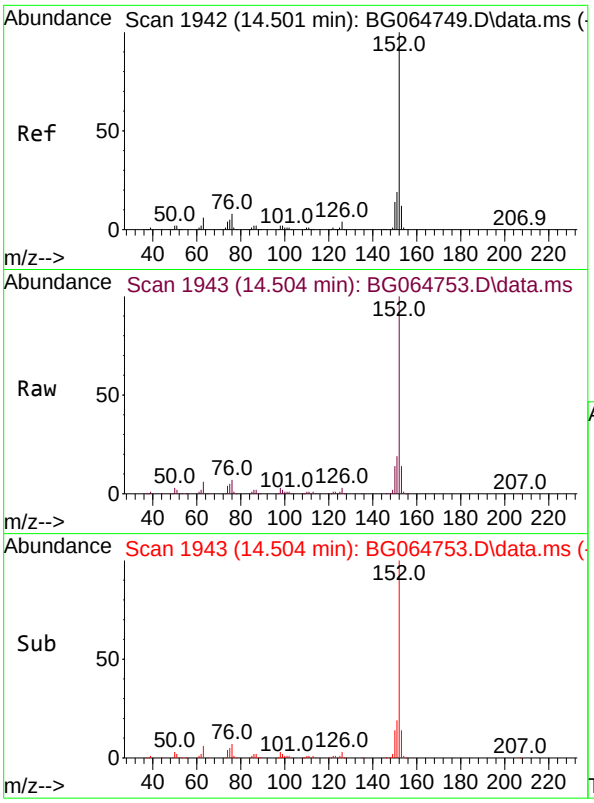



#48
2-Nitroaniline
Concen: 33.514 ng
RT: 13.846 min Scan# 1831
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 65 Resp: 66734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 59.0 | 48.6 | 73.0 |
| 138 | 89.6 | 76.4 | 114.6 |

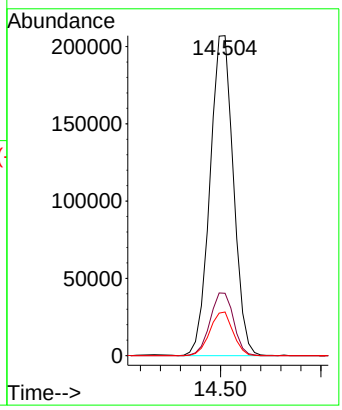





#49
Acenaphthylene
Concen: 31.779 ng
RT: 14.504 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:152 Resp: 33610

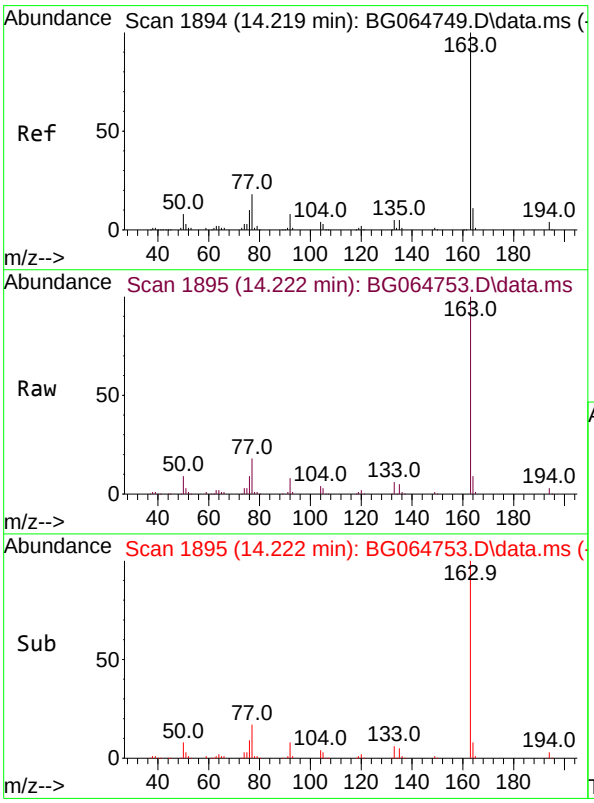
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.0 | 22.4 |
| 153 | 13.6 | 9.9 | 14.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

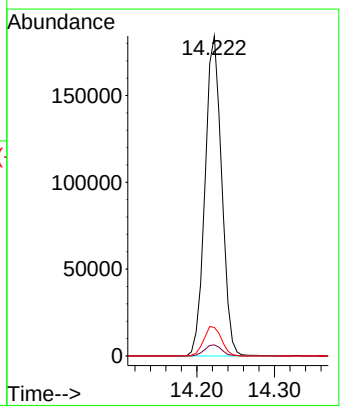
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

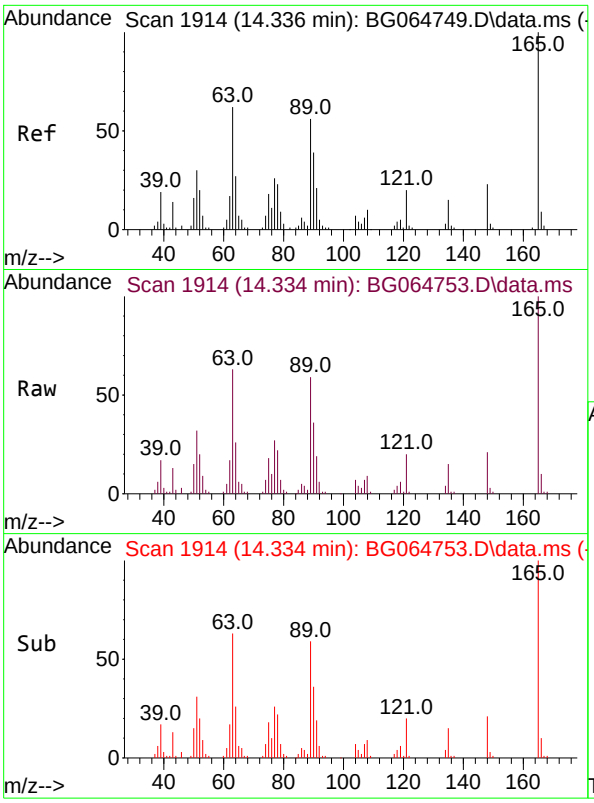



#50
Dimethylphthalate
Concen: 31.689 ng
RT: 14.222 min Scan# 1895
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:163 Resp: 273873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 3.1 | 4.7 |
| 164 | 8.9 | 8.6 | 12.8 |

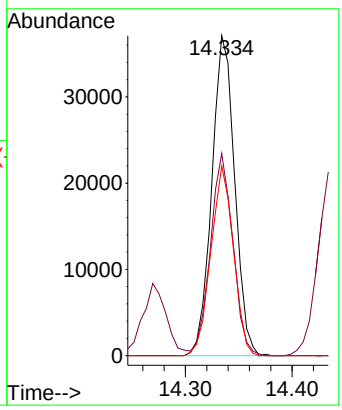





#51
2,6-Dinitrotoluene
Concen: 33.291 ng
RT: 14.334 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:165 Resp: 5536

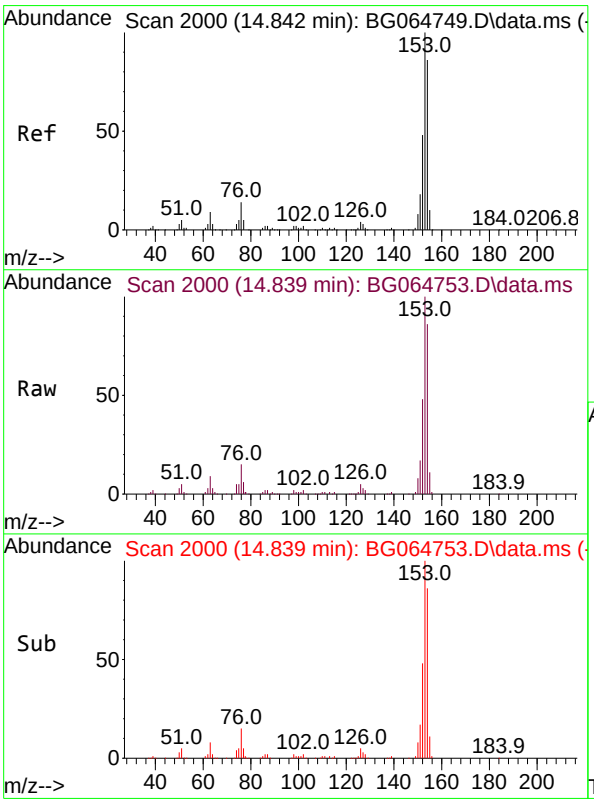
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.1 | 49.8 | 74.8 |
| 89 | 59.3 | 45.0 | 67.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

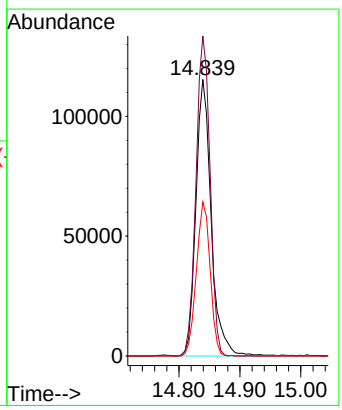
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

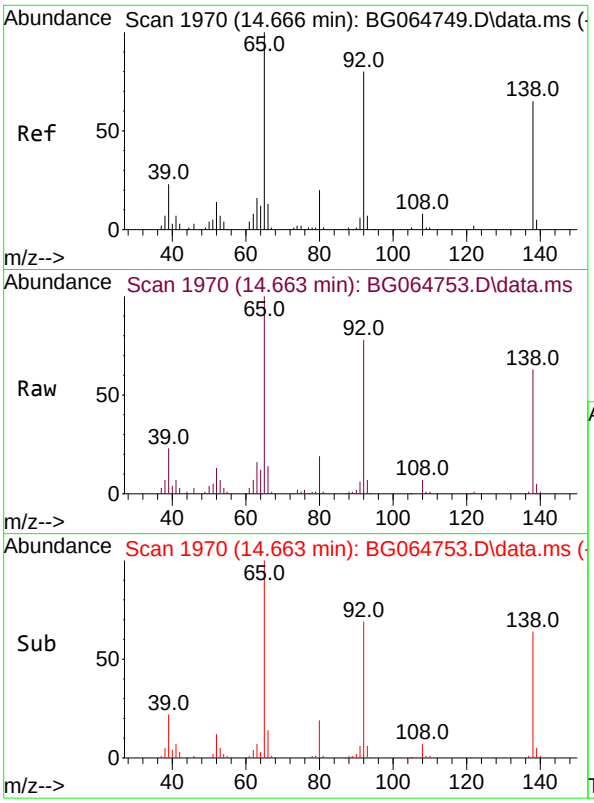



#52
Acenaphthene
Concen: 31.693 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:154 Resp: 200981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.8 | 93.0 | 139.4 |
| 152 | 55.6 | 44.4 | 66.6 |






#53
3-Nitroaniline
Concen: 33.908 ng
RT: 14.663 min Scan# 19
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

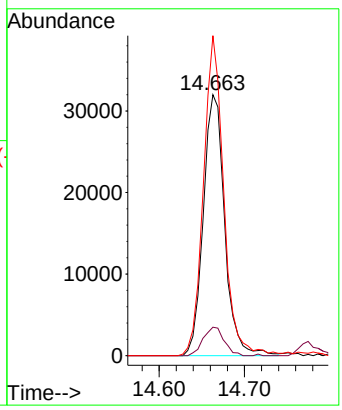
Tgt Ion:138 Resp: 5565

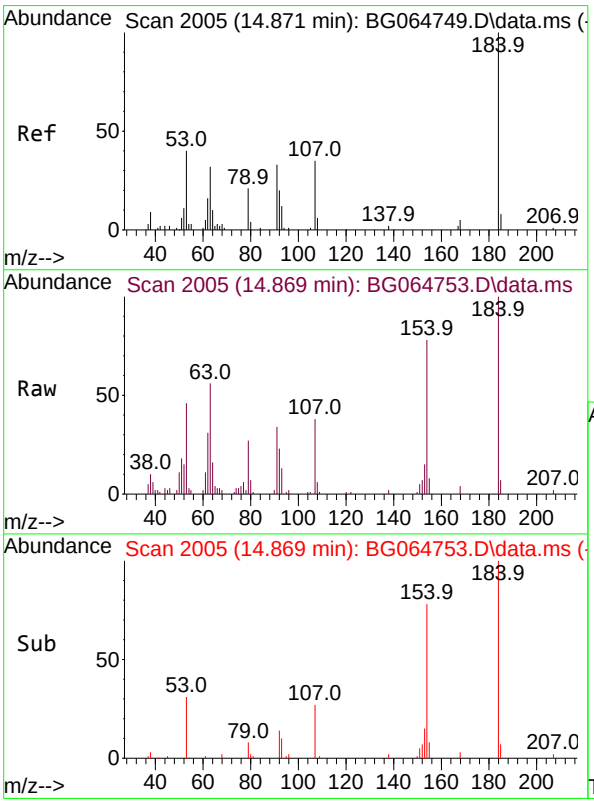
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 9.5 | 14.3 |
| 92 | 122.7 | 99.0 | 148.4 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

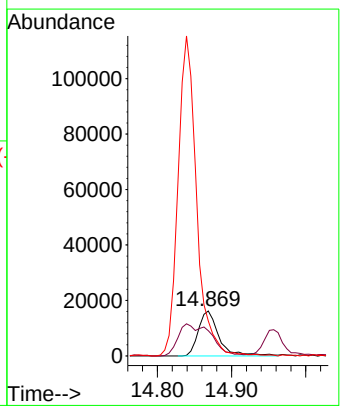


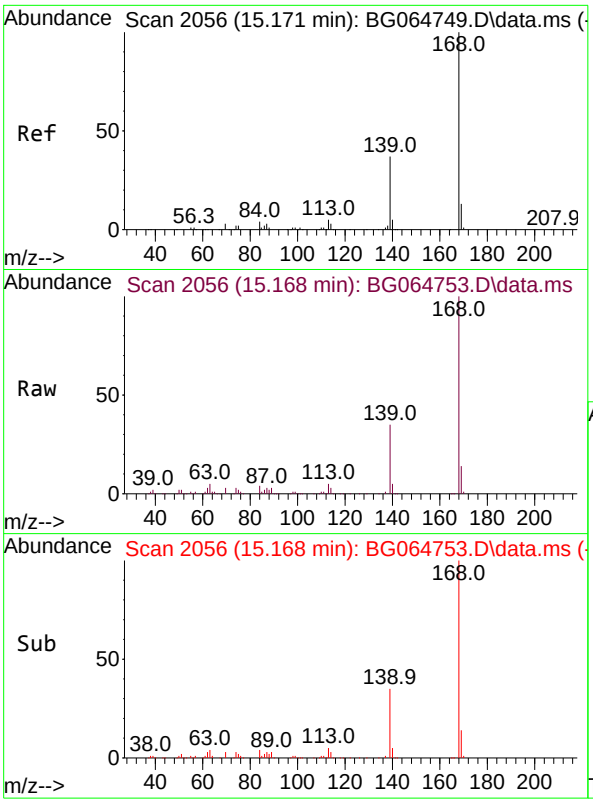




#54
2,4-Dinitrophenol
Concen: 32.871 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:184 Resp: 30993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 56.3 | 45.8 | 68.6 |
| 154 | 77.9 | 52.6 | 78.8 |

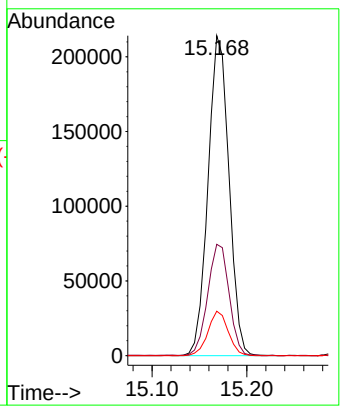





#55
Dibenzofuran
Concen: 31.341 ng
RT: 15.168 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:168 Resp: 32857

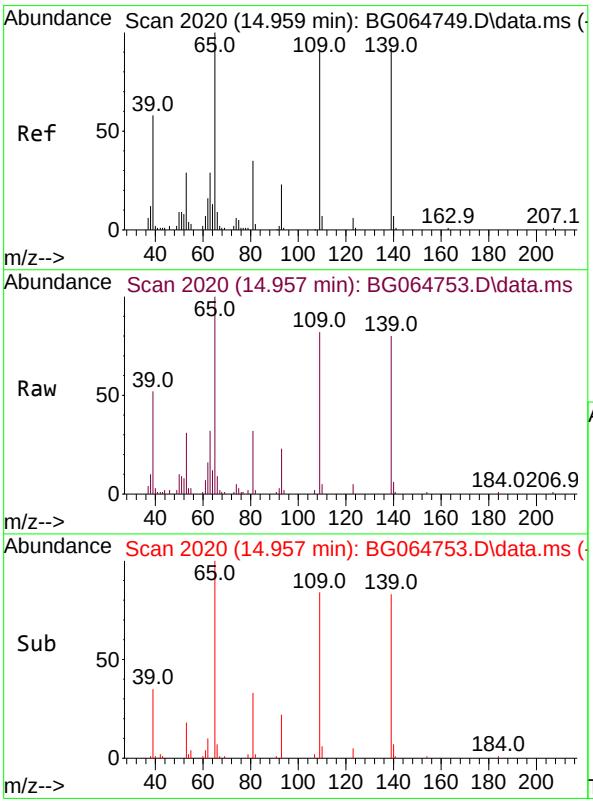
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.8 | 29.5 | 44.3 |
| 169 | 13.9 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

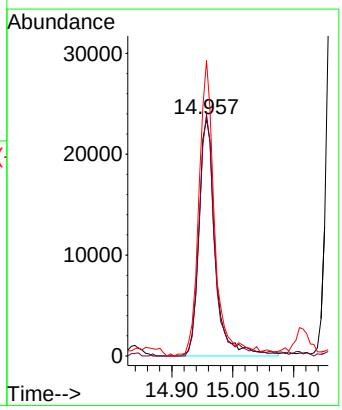
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

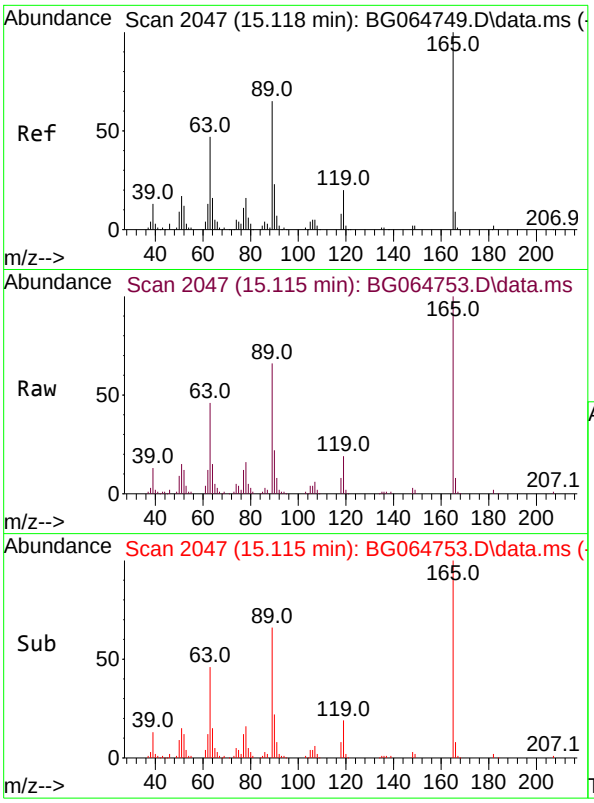



#56
4-Nitrophenol
Concen: 33.387 ng
RT: 14.957 min Scan# 2020
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:139 Resp: 43480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 102.0 | 79.7 | 119.7 |
| 65 | 124.7 | 89.9 | 129.9 |

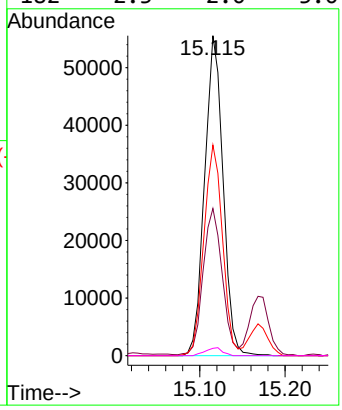





#57
2,4-Dinitrotoluene
Concen: 33.468 ng
RT: 15.115 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:165 Resp: 8344

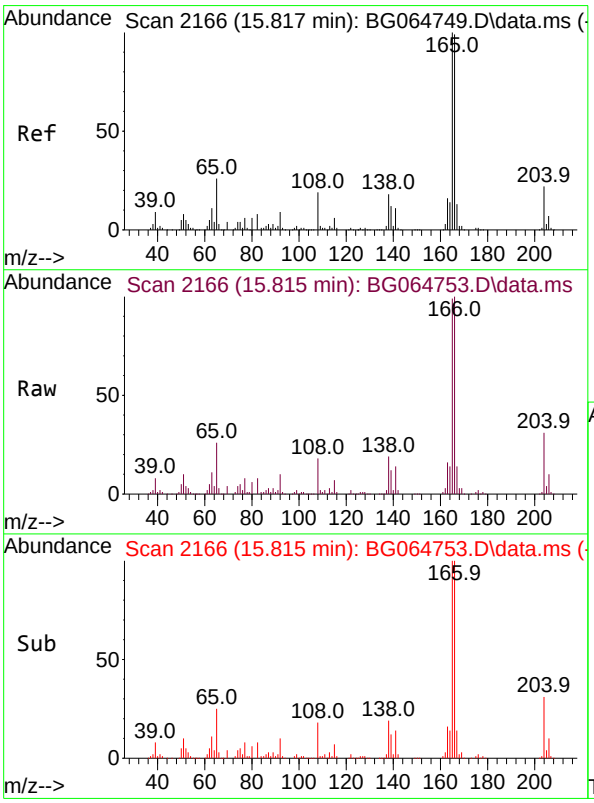
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.0 | 37.8 | 56.6 |
| 89 | 65.8 | 51.6 | 77.4 |
| 182 | 2.3 | 2.0 | 3.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

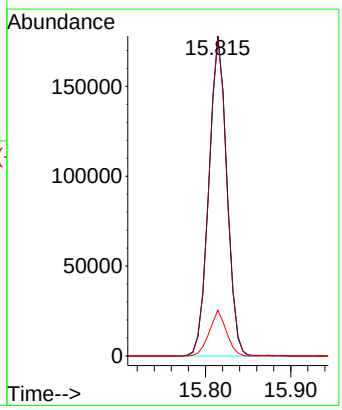
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

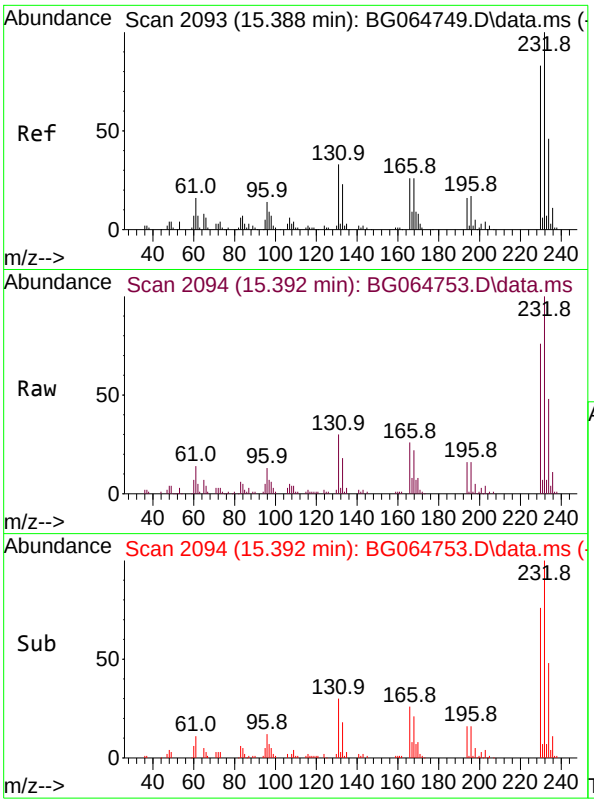



#58
Fluorene
Concen: 31.633 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:166 Resp: 260110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.3 | 80.5 | 120.7 |
| 167 | 14.3 | 10.3 | 15.5 |

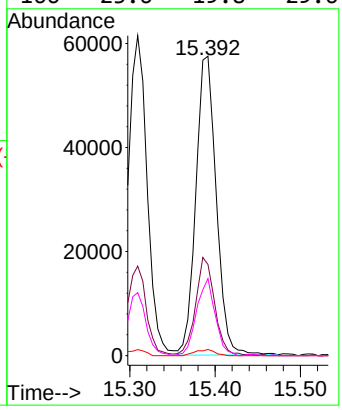





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.475 ng
RT: 15.392 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:232 Resp: 9533

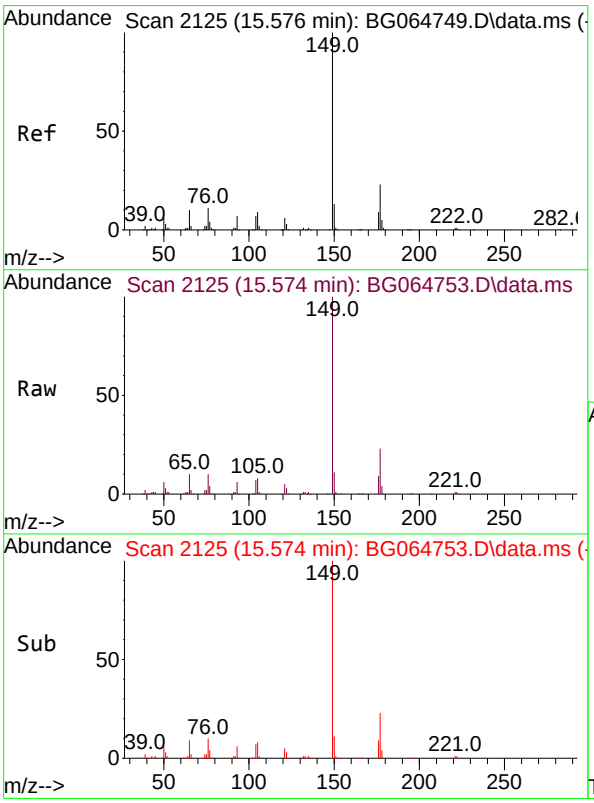
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 30.9 | 26.0 | 39.0 |
| 130 | 1.9 | 1.6 | 2.4 |
| 166 | 23.6 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

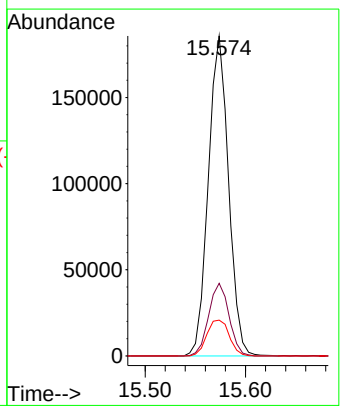
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

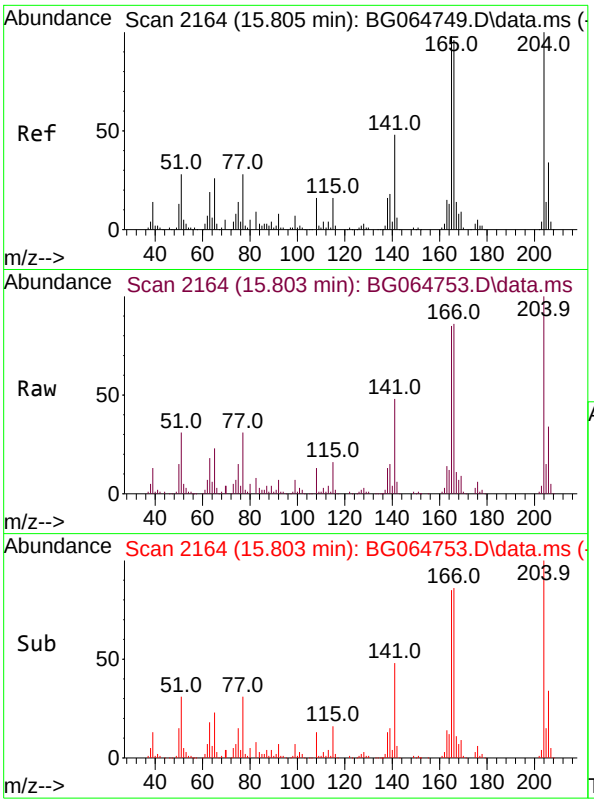



#60
Diethylphthalate
Concen: 31.411 ng
RT: 15.574 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:149 Resp: 260062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.7 | 18.4 | 27.6 |
| 150 | 11.2 | 10.1 | 15.1 |

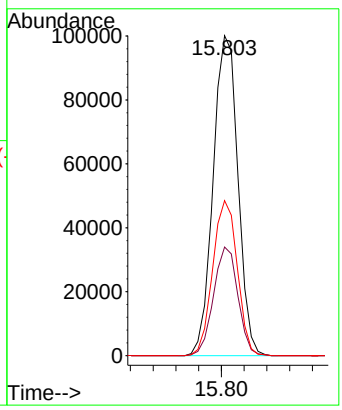





#61
4-Chlorophenyl-phenylether
Concen: 30.654 ng
RT: 15.803 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:204 Resp: 15126

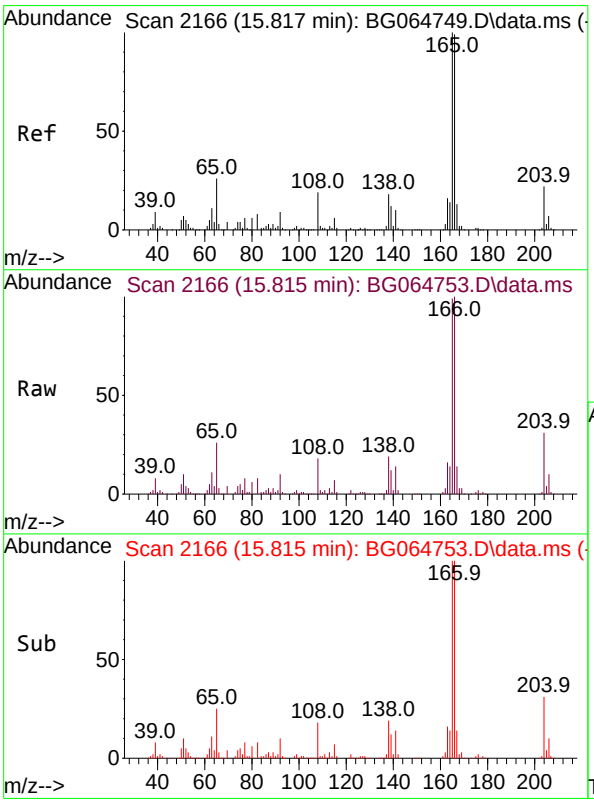
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.9 | 26.9 | 40.3 |
| 141 | 48.4 | 38.1 | 57.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

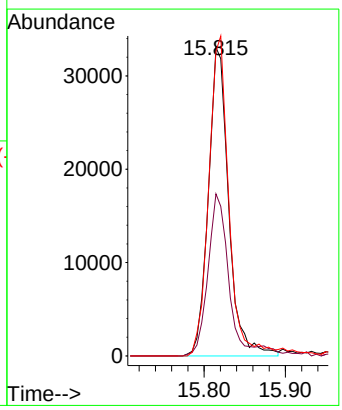
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

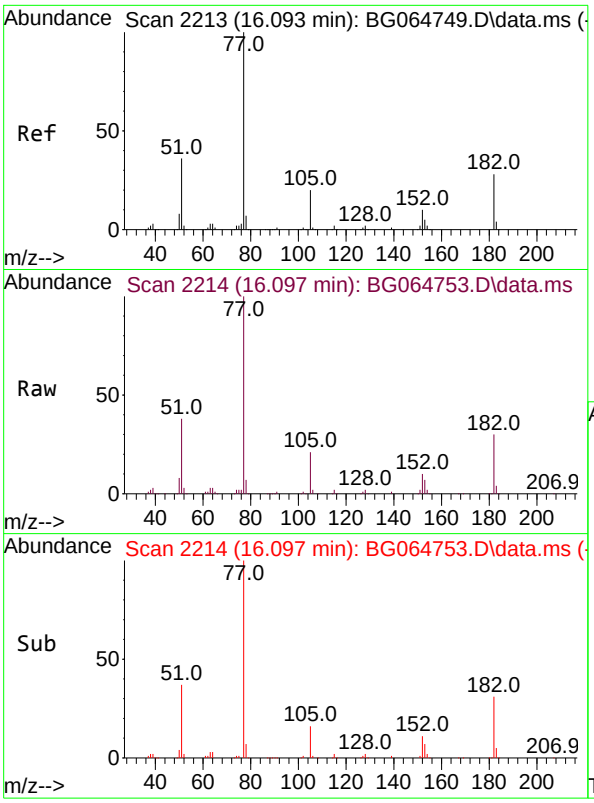



#62
4-Nitroaniline
Concen: 33.761 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:138 Resp: 57409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 52.5 | 30.7 | 70.7 |
| 108 | 98.7 | 85.7 | 125.7 |

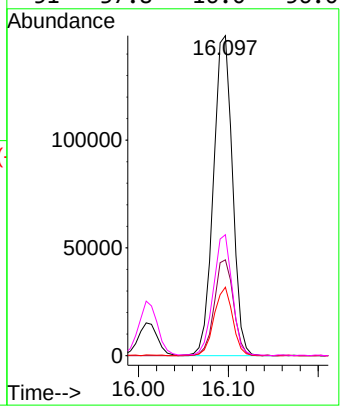





#63
Azobenzene
Concen: 31.929 ng
RT: 16.097 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 77 Resp: 21987

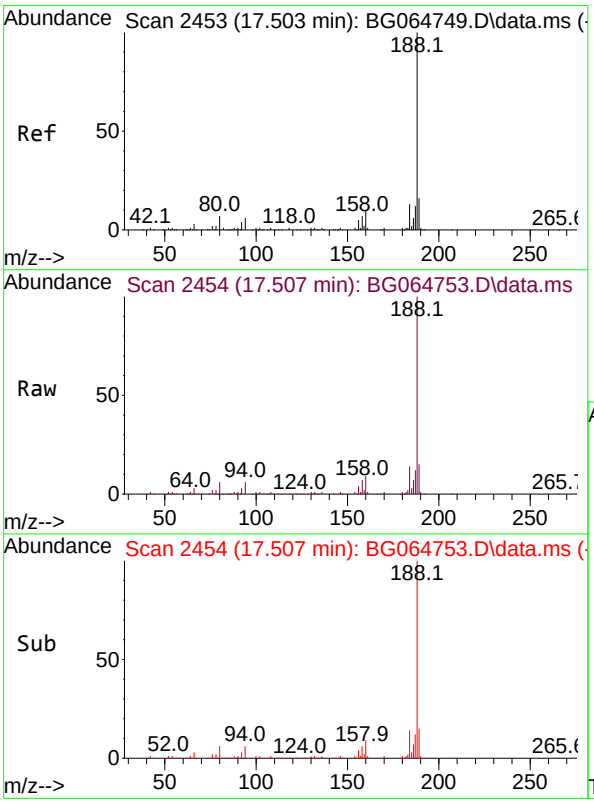
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.9 | 8.1 | 48.1 |
| 105 | 21.4 | 0.1 | 40.1 |
| 51 | 37.8 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

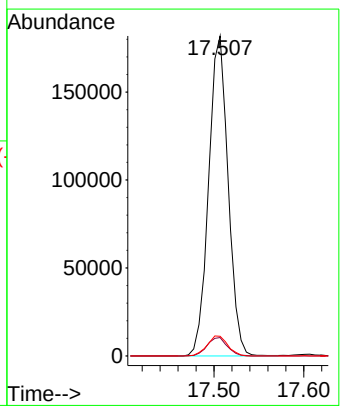
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

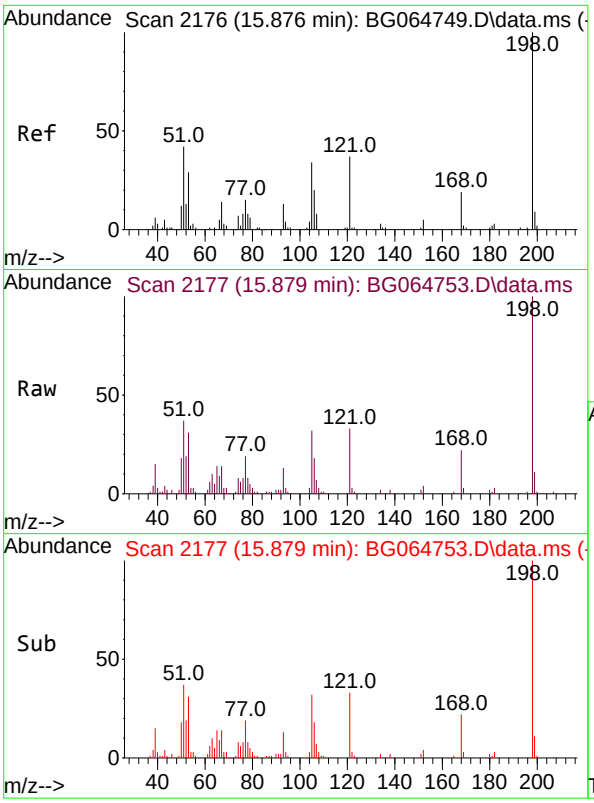



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:188 Resp: 274232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.7 | 4.7 | 7.1 |
| 80 | 6.1 | 5.4 | 8.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 33.928 ng
RT: 15.879 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

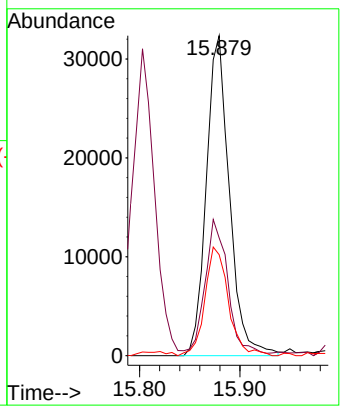
Tgt Ion:198 Resp: 5165

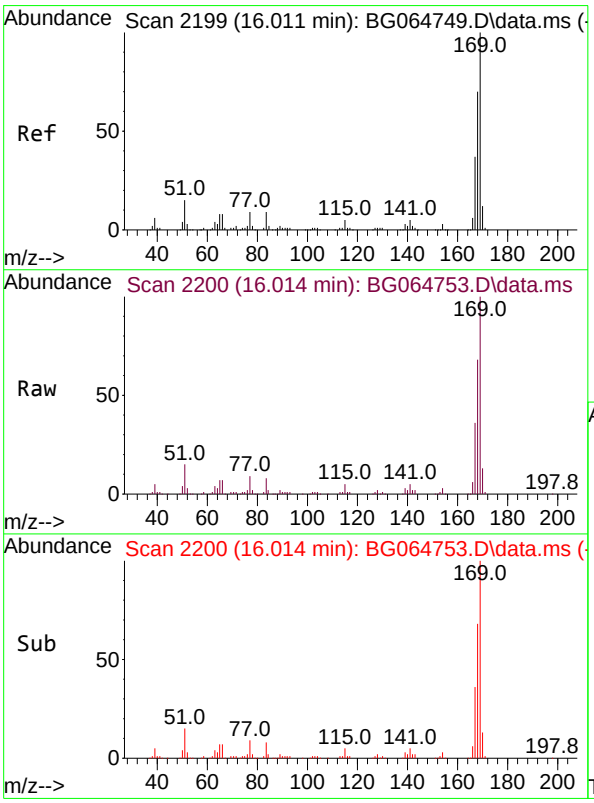
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 36.8 | 25.2 | 65.2 |
| 105 | 31.5 | 14.2 | 54.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

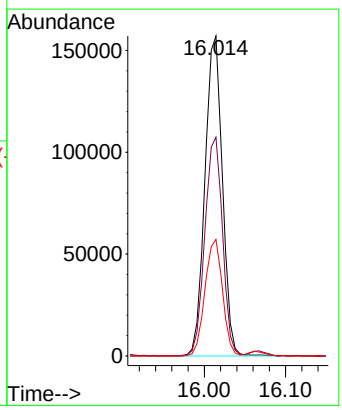


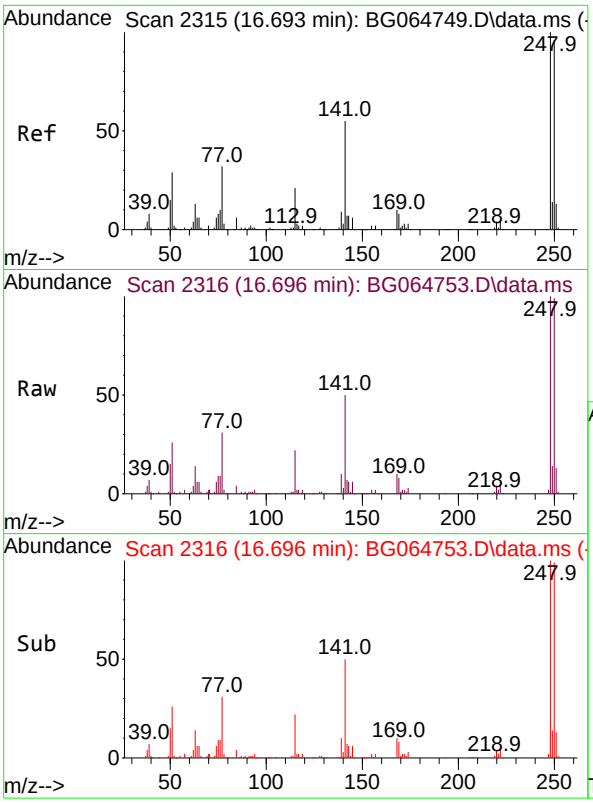




#66
n-Nitrosodiphenylamine
Concen: 32.679 ng
RT: 16.014 min Scan# 2200
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:169 Resp: 234732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.3 | 55.9 | 83.9 |
| 167 | 36.4 | 29.8 | 44.6 |

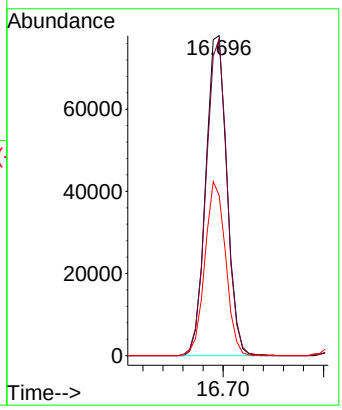





#67
4-Bromophenyl-phenylether
Concen: 31.573 ng
RT: 16.696 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:248 Resp: 11370

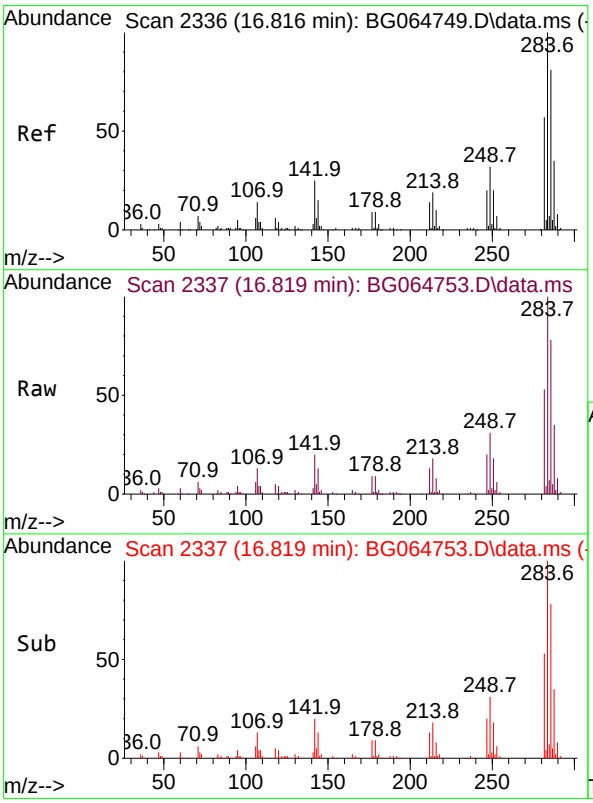
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.0 | 77.0 | 115.6 |
| 141 | 50.1 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

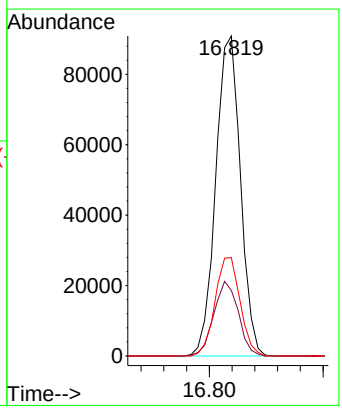
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

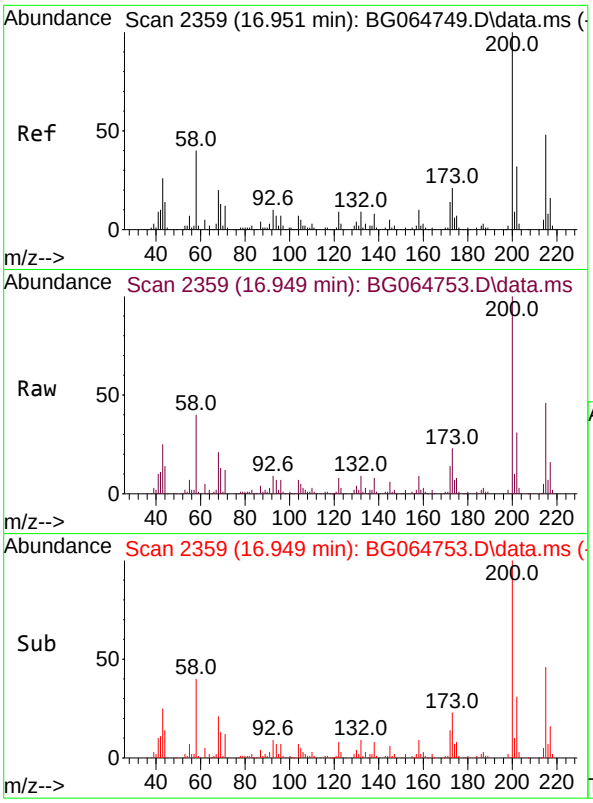



#68
Hexachlorobenzene
Concen: 31.349 ng
RT: 16.819 min Scan# 2337
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:284 Resp: 136782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 20.5 | 19.7 | 29.5 |
| 249 | 33.5 | 28.1 | 42.1 |

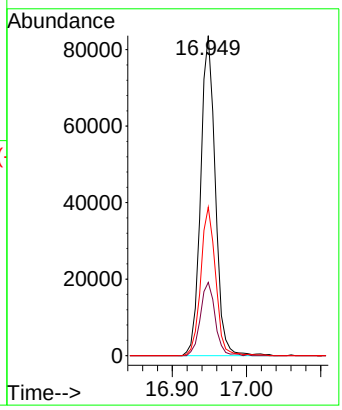





#69
Atrazine
Concen: 33.110 ng
RT: 16.949 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:200 Resp: 11466

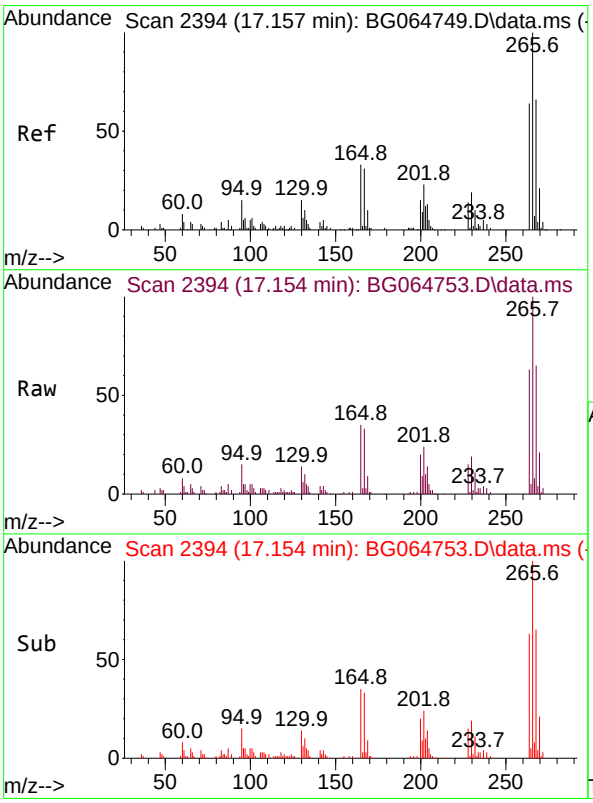
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.9 | 0.9 | 40.9 |
| 215 | 46.4 | 27.5 | 67.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

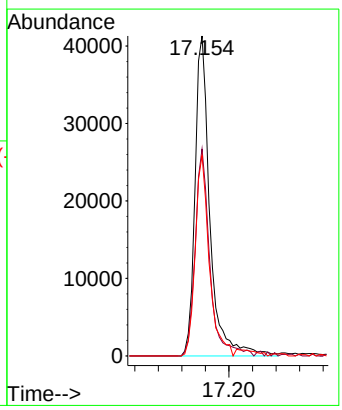
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

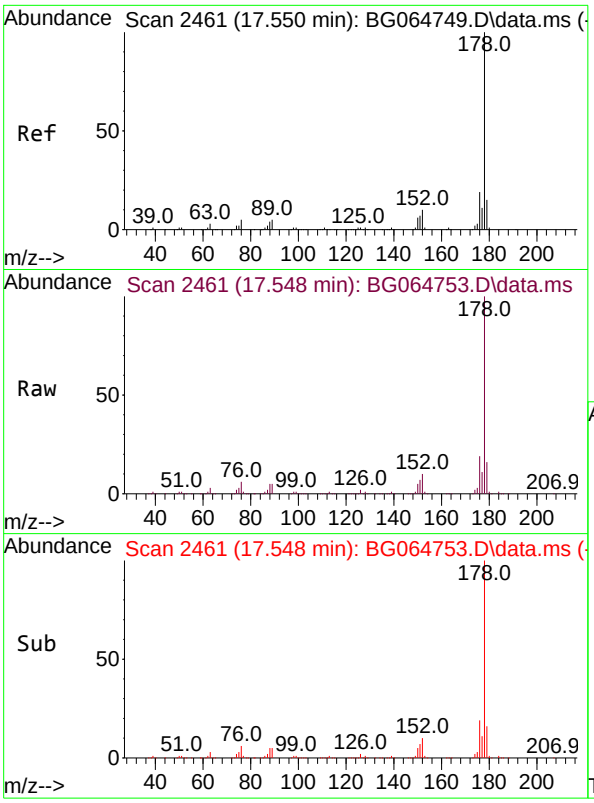



#70
Pentachlorophenol
Concen: 32.137 ng
RT: 17.154 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:266 Resp: 72699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 69.1 | 56.1 | 84.1 |
| 264 | 68.1 | 51.2 | 76.8 |

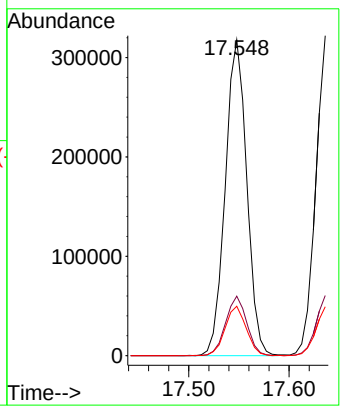





#71
Phenanthrene
Concen: 31.516 ng
RT: 17.548 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:178 Resp: 472871

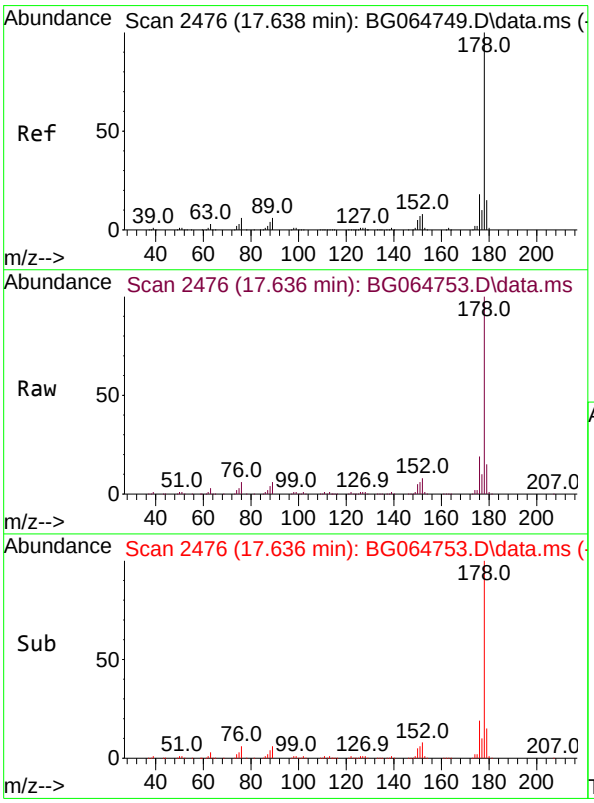
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

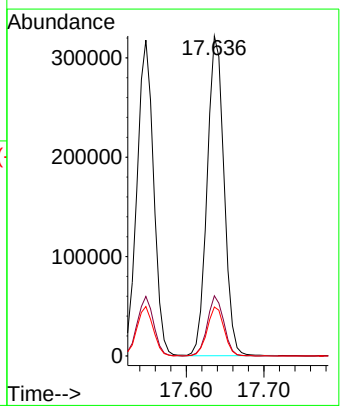
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

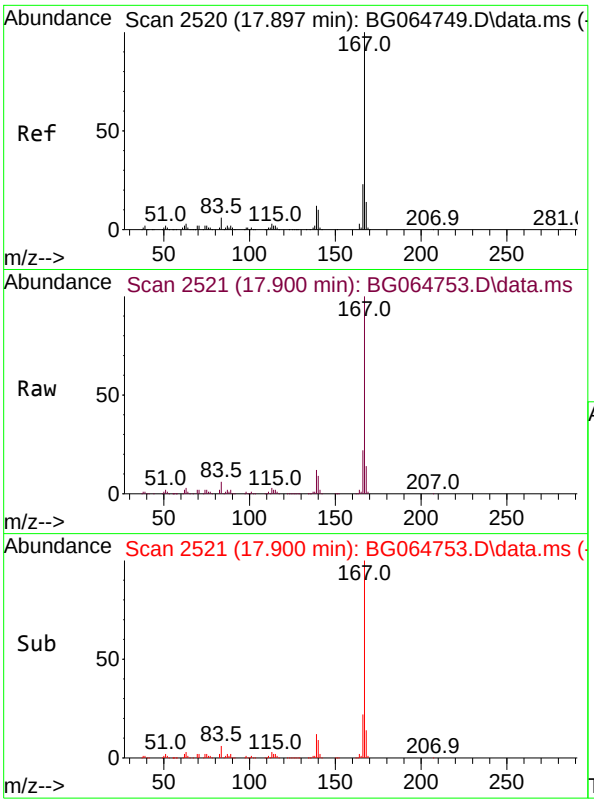



#72
Anthracene
Concen: 31.775 ng
RT: 17.636 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:178 Resp: 486138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.5 | 21.7 |
| 179 | 15.3 | 12.2 | 18.4 |

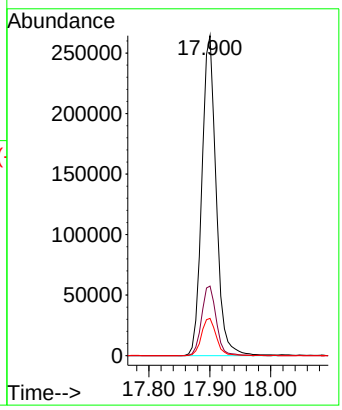





#73
Carbazole
Concen: 32.779 ng
RT: 17.900 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:167 Resp: 43112

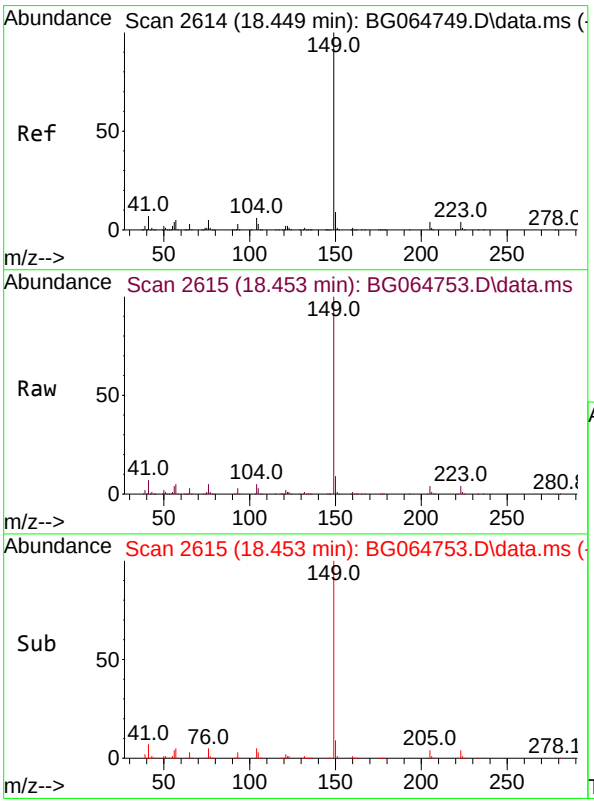
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 18.0 | 27.0 |
| 139 | 11.6 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

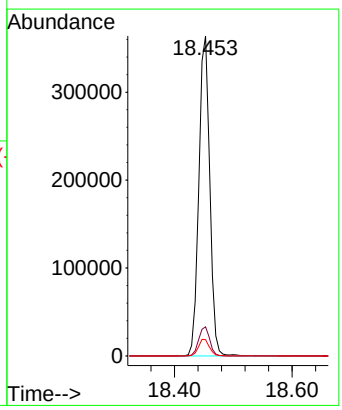
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

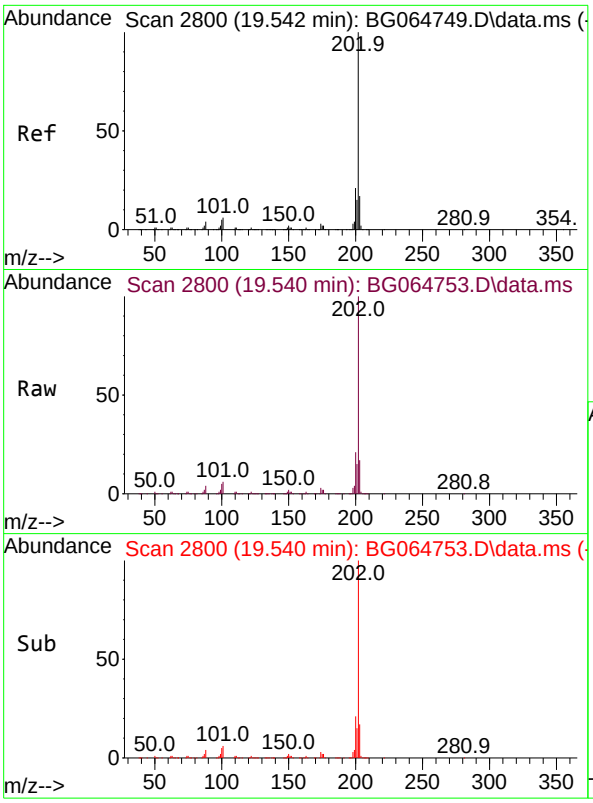



#74
Di-n-butylphthalate
Concen: 31.841 ng
RT: 18.453 min Scan# 2615
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:149 Resp: 467217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.5 | 11.3 |
| 104 | 5.1 | 4.4 | 6.6 |

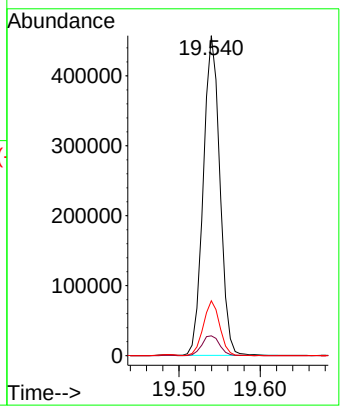





#75
Fluoranthene
Concen: 31.649 ng
RT: 19.540 min Scan# 28
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:202 Resp: 649361

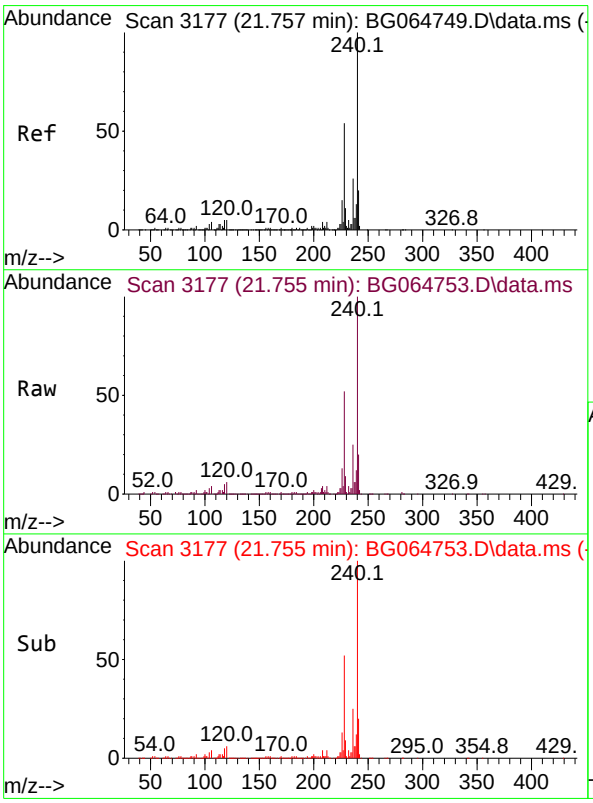
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.2 | 0.0 | 26.4 |
| 203 | 17.2 | 0.0 | 37.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

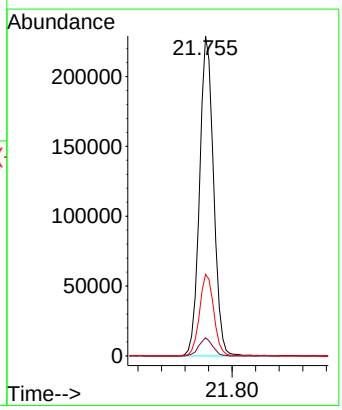
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

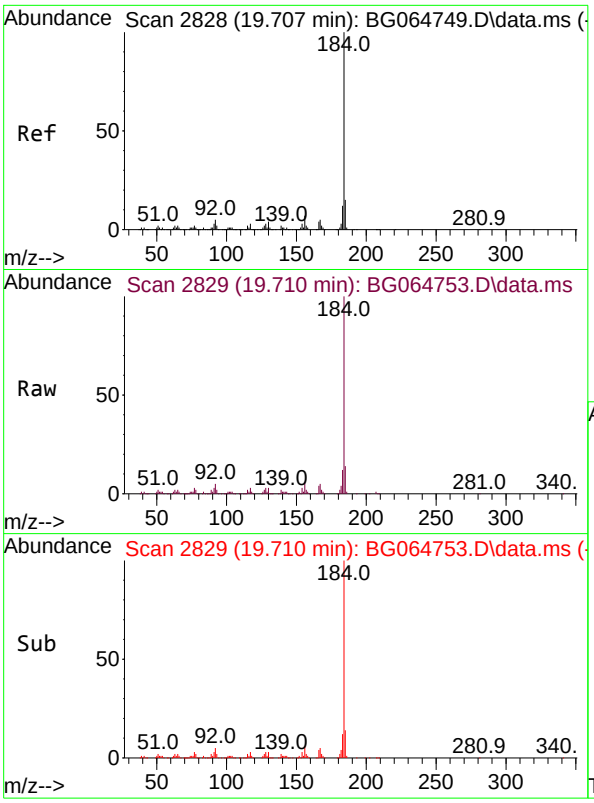



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:240 Resp: 377705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 4.2 | 6.4 |
| 236 | 25.5 | 20.8 | 31.2 |

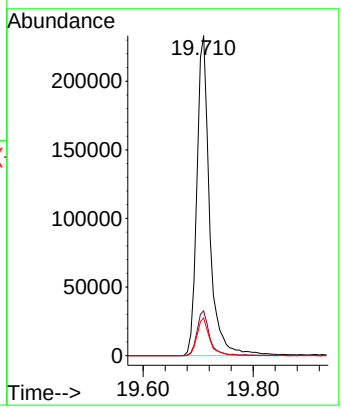





#77
Benzidine
Concen: 33.151 ng
RT: 19.710 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:184 Resp: 37499

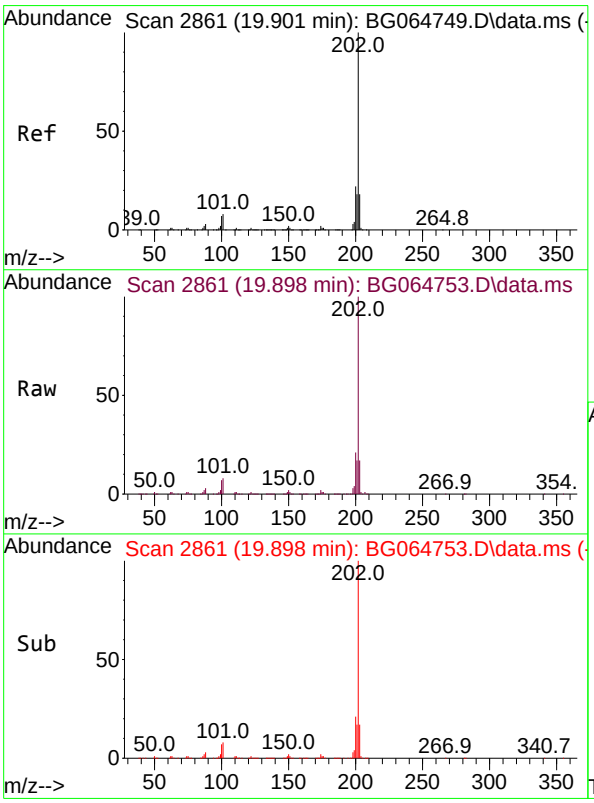
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 11.8 | 17.6 |
| 183 | 11.8 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

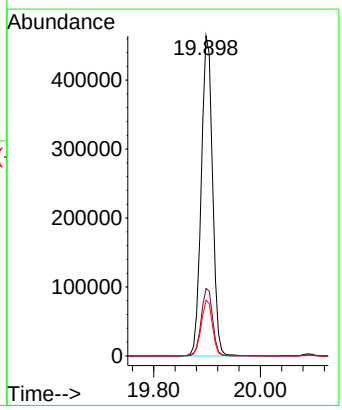
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

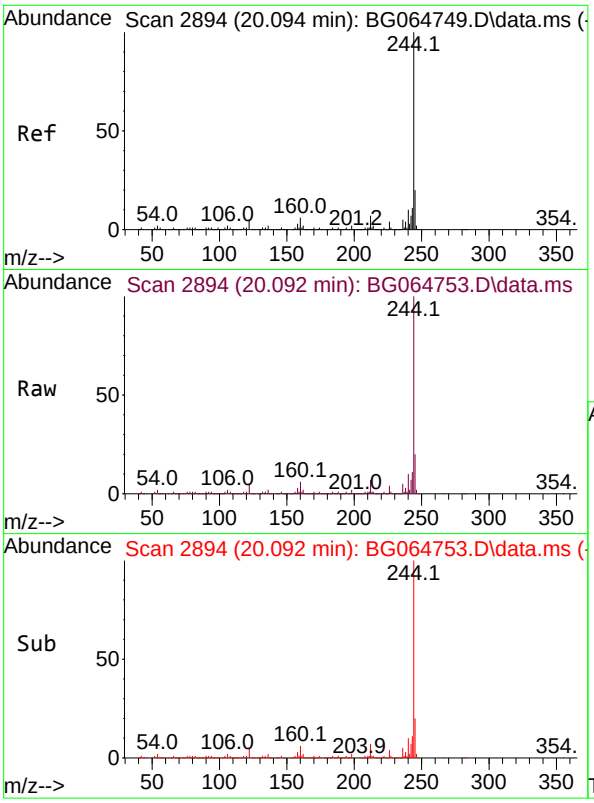



#78
Pyrene
Concen: 32.115 ng
RT: 19.898 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:202 Resp: 679837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.9 | 26.9 |
| 203 | 17.4 | 14.0 | 21.0 |

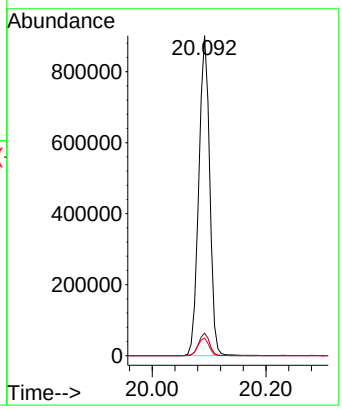





#79
Terphenyl-d14
Concen: 62.068 ng
RT: 20.092 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:244 Resp: 119178

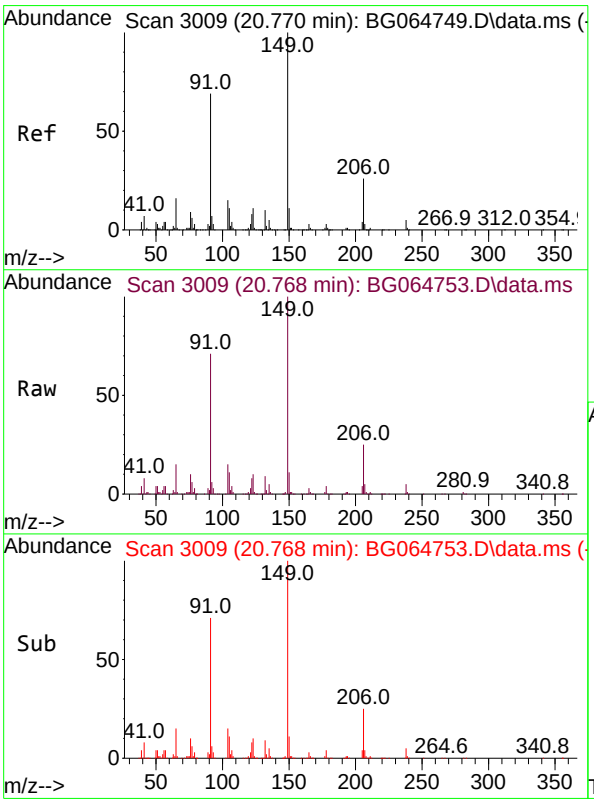
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.8 | 8.6 |
| 122 | 5.5 | 4.3 | 6.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

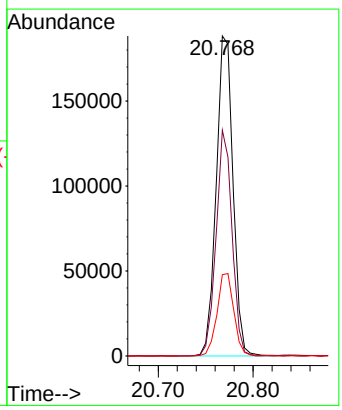
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

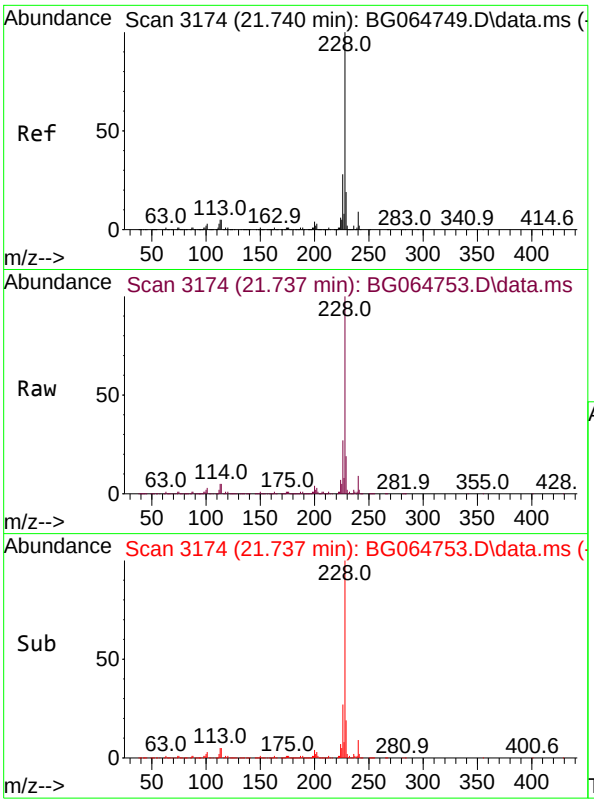



#80
Butylbenzylphthalate
Concen: 31.103 ng
RT: 20.768 min Scan# 3009
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:149 Resp: 231586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.5 | 54.9 | 82.3 |
| 206 | 25.4 | 21.2 | 31.8 |






#81
Benzo(a)anthracene
Concen: 31.660 ng
RT: 21.737 min Scan# 3
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

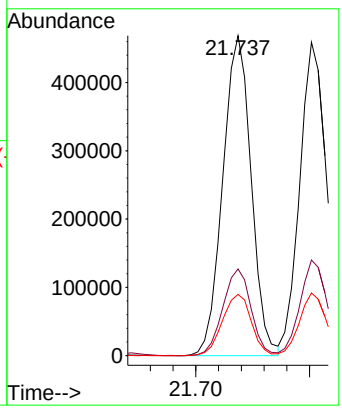
**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

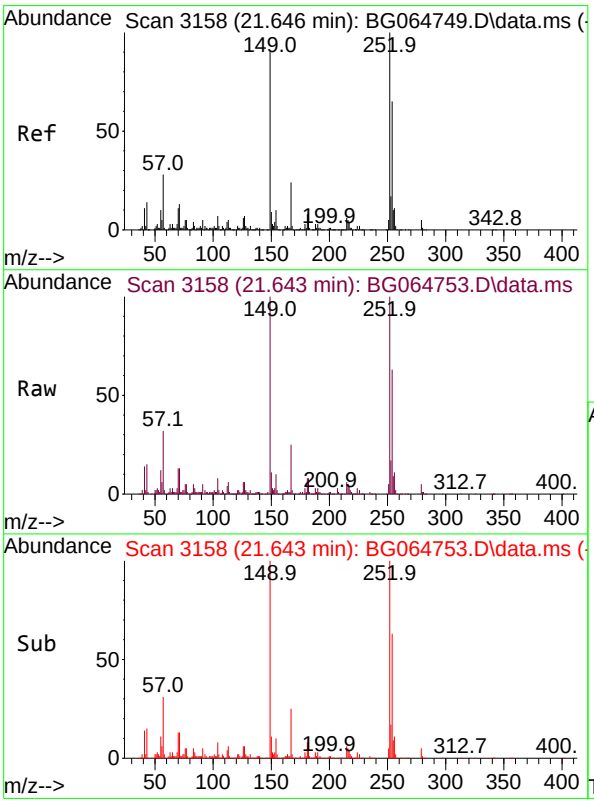
Tgt Ion:228 Resp: 81311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 22.1 | 33.1 |
| 229 | 19.1 | 15.5 | 23.3 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

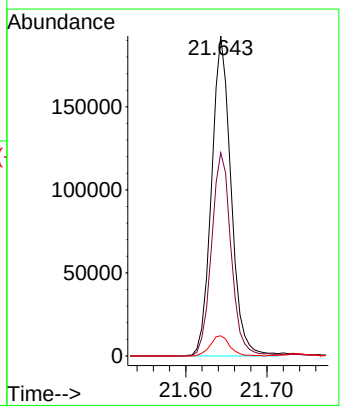


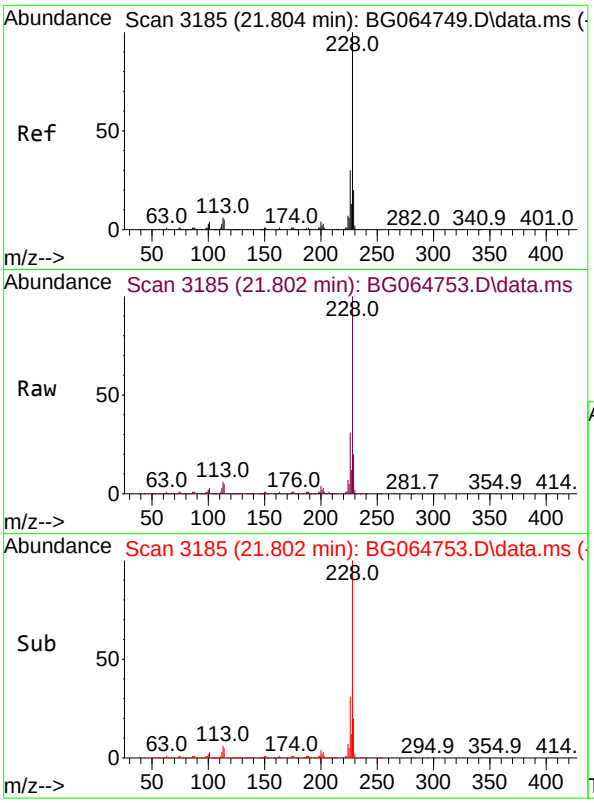




#82
3,3'-Dichlorobenzidine
Concen: 33.973 ng
RT: 21.643 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:252 Resp: 321145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.5 | 51.8 | 77.8 |
| 126 | 6.3 | 4.7 | 7.1 |

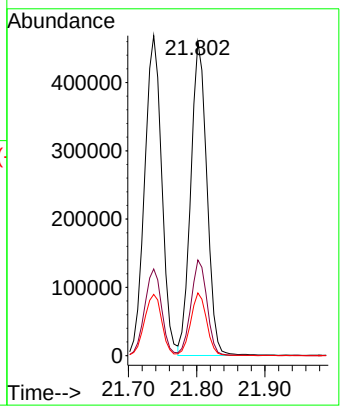





#83
Chrysene
Concen: 31.200 ng
RT: 21.802 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:228 Resp: 75544

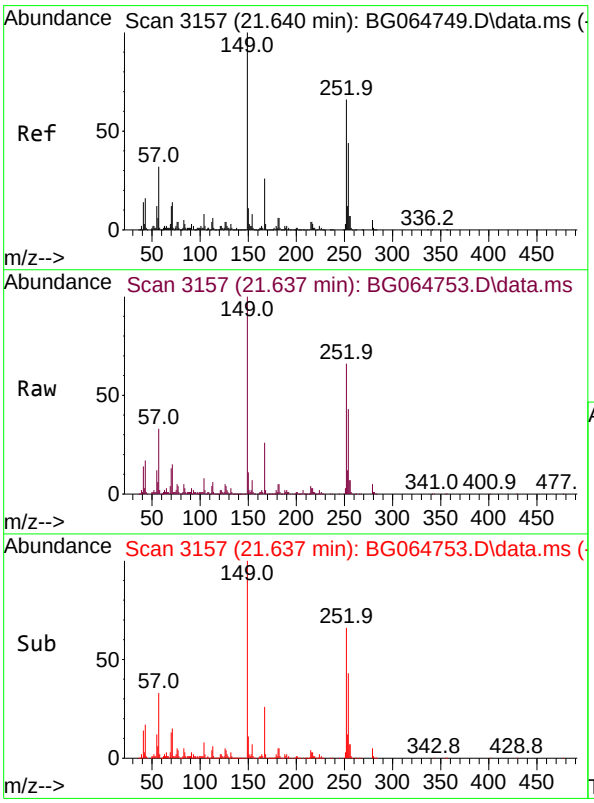
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 24.2 | 36.2 |
| 229 | 20.0 | 16.0 | 24.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

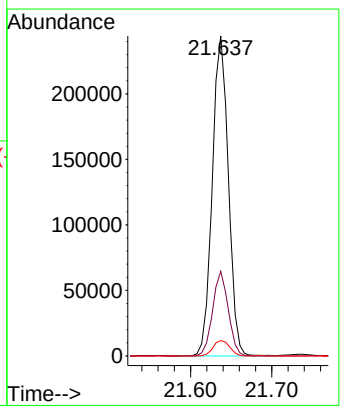
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

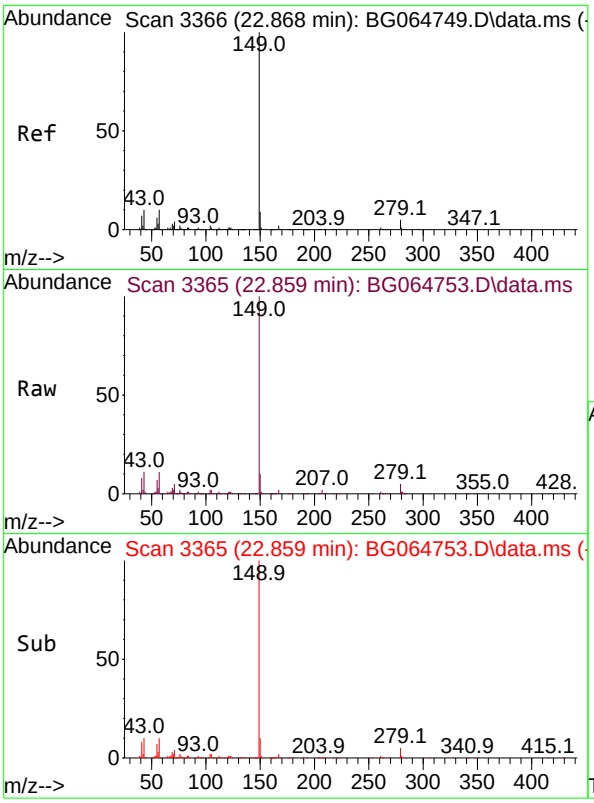



#84
Bis(2-ethylhexyl)phthalate
Concen: 30.914 ng
RT: 21.637 min Scan# 3157
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:149 Resp: 336357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.4 | 21.0 | 31.4 |
| 279 | 4.8 | 4.1 | 6.1 |

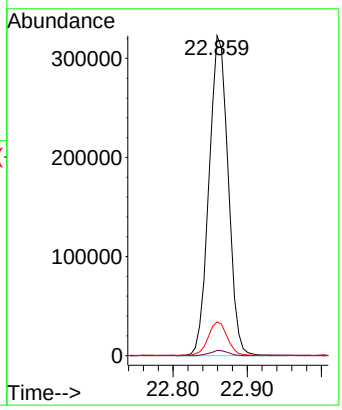





#85
Di-n-octyl phthalate
Concen: 30.757 ng
RT: 22.859 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:149 Resp: 57846

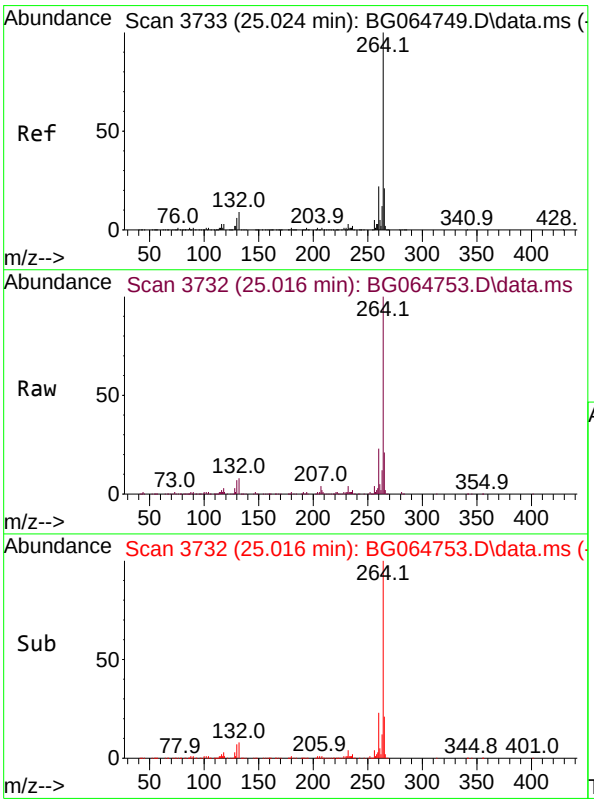
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.5 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

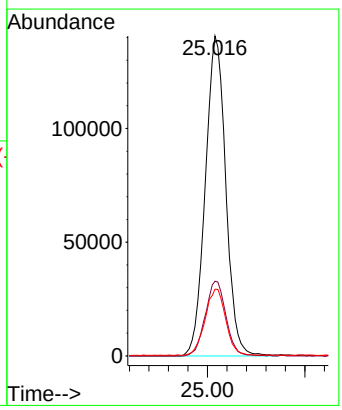
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

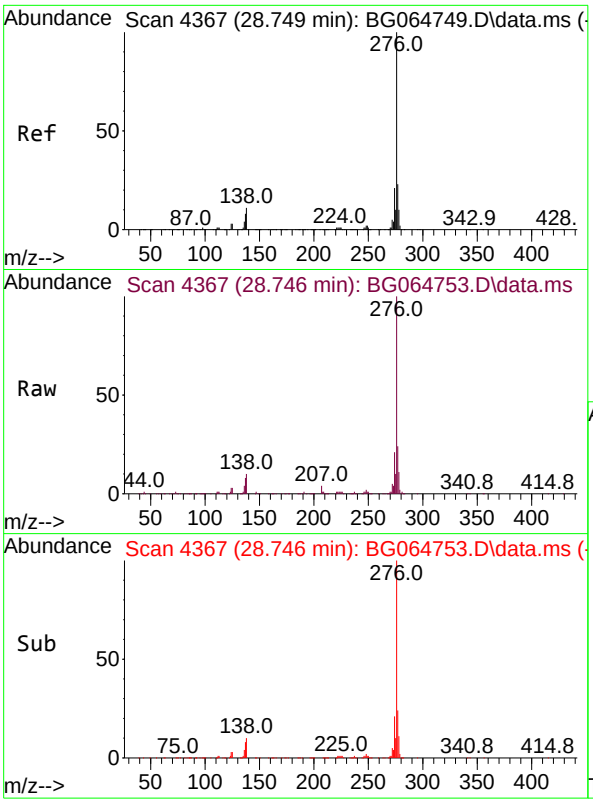



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3732
Delta R.T. -0.008 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:264 Resp: 409953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 17.2 | 25.8 |
| 265 | 20.9 | 16.6 | 25.0 |

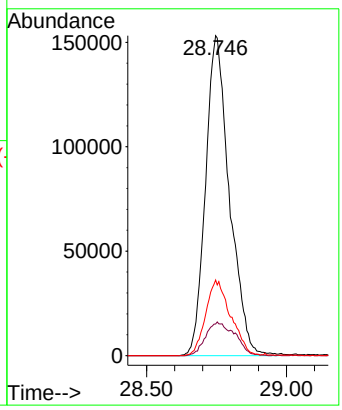





#87
Indeno(1,2,3-cd)pyrene
Concen: 32.293 ng
RT: 28.746 min Scan# 4
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:276 Resp: 90952

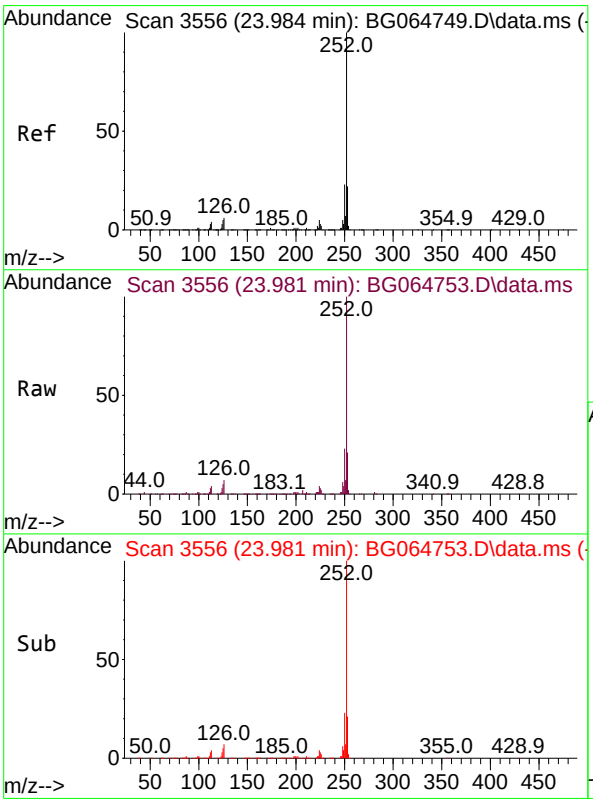
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 12.7 | 4.5 | 6.7# |
| 277 | 24.6 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

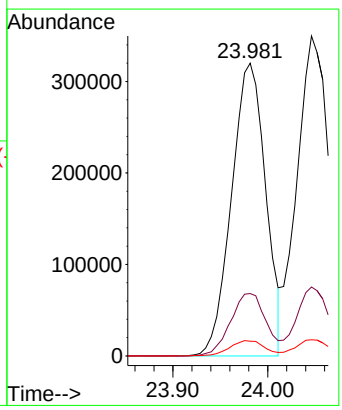
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

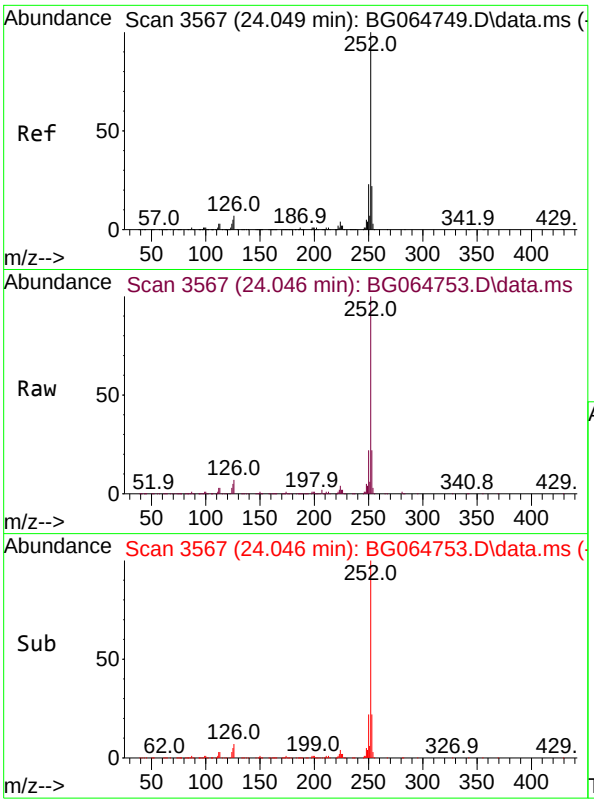



#88
Benzo(b)fluoranthene
Concen: 30.693 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:252 Resp: 800751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 17.4 | 26.2 |
| 125 | 5.0 | 4.2 | 6.2 |

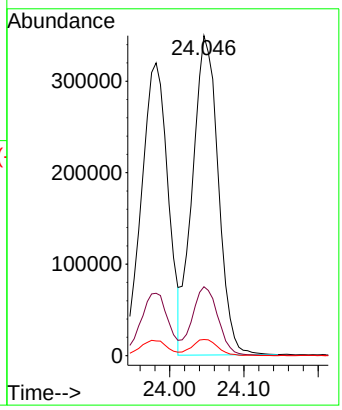





#89
Benzo(k)fluoranthene
Concen: 32.097 ng
RT: 24.046 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:252 Resp: 84127

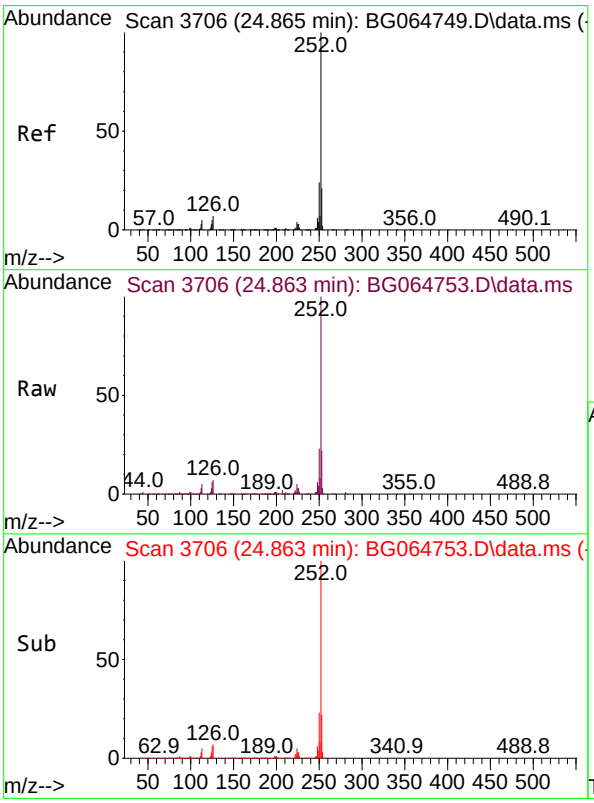
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.8 | 26.8 |
| 125 | 5.0 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

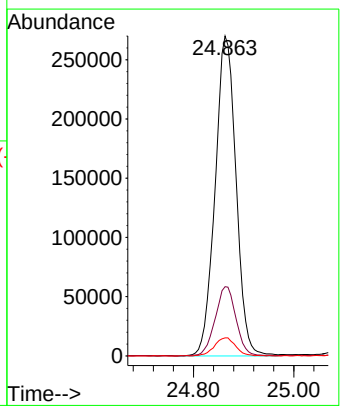
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

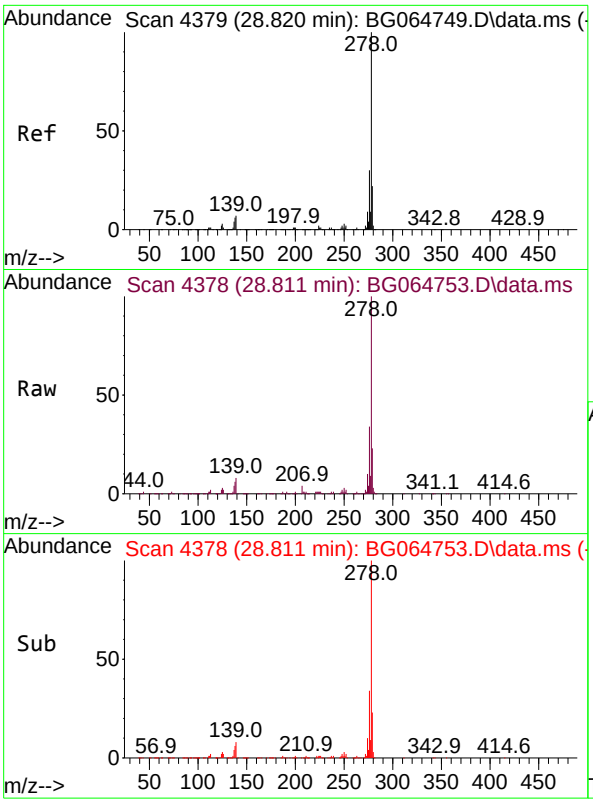



#90
Benzo(a)pyrene
Concen: 32.301 ng
RT: 24.863 min Scan# 3706
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:252 Resp: 781704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 16.9 | 25.3 |
| 125 | 5.6 | 4.2 | 6.4 |

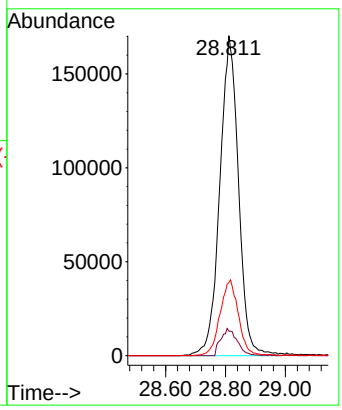





#91
Dibenzo(a,h)anthracene
Concen: 32.155 ng
RT: 28.811 min Scan# 4
Delta R.T. -0.008 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:278 Resp: 74191

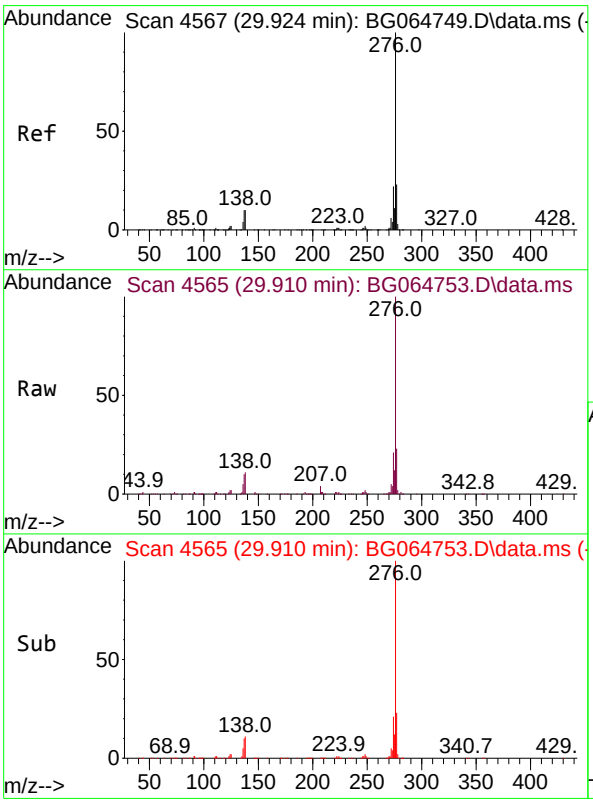
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.6 | 5.8 | 8.8 |
| 279 | 22.8 | 17.3 | 25.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

**Manual Integrations**
**APPROVED**

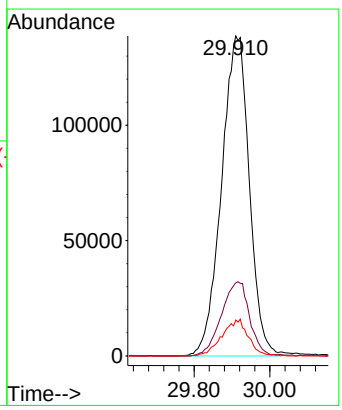
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025




#92
Benzo(g,h,i)perylene
Concen: 31.749 ng
RT: 29.910 min Scan# 4565
Delta R.T. -0.014 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:276 Resp: 705009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.8 | 18.0 | 27.0 |
| 138 | 11.2 | 8.2 | 12.2 |



# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 111 | 0.00 |
| 2 | | 1,4-Dioxane | 0.443 | 0.349 | 21.2 | 83 | 0.00 |
| 3 | | Pyridine | 1.321 | 0.967 | 26.8# | 79 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.672 | 0.547 | 18.6 | 89 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.145 | 0.904 | 21.0 | 86 | 0.00 |
| 6 | | Aniline | 2.030 | 1.731 | 14.7 | 92 | 0.00 |
| 7 | S | Phenol-d6 | 1.523 | 1.228 | 19.4 | 87 | 0.00 |
| 8 | | 2-Chlorophenol | 1.258 | 1.031 | 18.0 | 88 | 0.00 |
| 9 | | Benzaldehyde | 0.997 | 0.877 | 12.0 | 95 | 0.00 |
| 10 | C | Phenol | 1.657 | 1.366 | 17.6 | 89 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.179 | 0.959 | 18.7 | 87 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.447 | 1.218 | 15.8 | 91 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.474 | 1.212 | 17.8 | 90 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.429 | 1.212 | 15.2 | 92 | 0.00 |
| 15 | | Benzyl Alcohol | 1.250 | 1.080 | 13.6 | 92 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.792 | 2.222 | 20.4 | 87 | 0.00 |
| 17 | | 2-Methylphenol | 1.173 | 0.943 | 19.6 | 86 | 0.00 |
| 18 | | Hexachloroethane | 0.558 | 0.438 | 21.5 | 87 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.030 | 0.883 | 14.3 | 90 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.607 | 1.295 | 19.4 | 88 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 111 | 0.00 |
| 22 | | Acetophenone | 0.545 | 0.460 | 15.6 | 91 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.405 | 0.313 | 22.7 | 84 | 0.00 |
| 24 | | Nitrobenzene | 0.409 | 0.339 | 17.1 | 91 | 0.00 |
| 25 | | Isophorone | 0.770 | 0.623 | 19.1 | 90 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.154 | 16.3 | 88 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.327 | 0.258 | 21.1 | 87 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.423 | 0.340 | 19.6 | 89 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.351 | 0.290 | 17.4 | 88 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.423 | 0.360 | 14.9 | 94 | 0.00 |
| 31 | | Naphthalene | 1.134 | 0.890 | 21.5 | 86 | 0.00 |
| 32 | | Benzoic acid | 0.205 | 0.163 | 20.5 | 88 | 0.00 |
| 33 | | 4-Chloroaniline | 0.454 | 0.381 | 16.1 | 90 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.363 | 0.286 | 21.2# | 87 | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.086 | 18.1 | 93 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.390 | 0.314 | 19.5 | 89 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.848 | 0.607 | 28.4# | 80 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.843 | 0.633 | 24.9 | 84 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.778 | 0.617 | 20.7 | 90 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.558 | 0.427 | 23.5 | 87 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.390 | 0.313 | 19.7 | 92 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.457 | 0.366 | 19.9 | 89 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.512 | 0.404 | 21.1 | 88 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.433 | 1.075 | 25.0 | 86 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.436 | 1.159 | 19.3 | 92 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 0.882 | 22.1 | 90 | 0.00 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 0.364 | 0.305 | 16.2 | 93 | 0.00 |
| 49 | | Acenaphthylene | 1.933 | 1.536 | 20.5 | 91 | 0.00 |
| 50 | | Dimethylphthalate | 1.580 | 1.252 | 20.8 | 92 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.304 | 0.253 | 16.8 | 94 | 0.00 |
| 52 | C | Acenaphthene | 1.159 | 0.918 | 20.8# | 90 | 0.00 |
| 53 | | 3-Nitroaniline | 0.300 | 0.254 | 15.3 | 95 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.158 | 0.142 | 10.1 | 95 | 0.00 |
| 55 | | Dibenzofuran | 1.916 | 1.502 | 21.6 | 91 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.238 | 0.199 | 16.4 | 94 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.456 | 0.381 | 16.4 | 94 | 0.00 |
| 58 | | Fluorene | 1.503 | 1.189 | 20.9 | 92 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.506 | 0.436 | 13.8 | 99 | 0.00 |
| 60 | | Diethylphthalate | 1.513 | 1.188 | 21.5 | 91 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.902 | 0.691 | 23.4 | 89 | 0.00 |
| 62 | | 4-Nitroaniline | 0.311 | 0.262 | 15.8 | 93 | 0.00 |
| 63 | | Azobenzene | 1.259 | 1.005 | 20.2 | 93 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 116 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.111 | 0.094 | 15.3 | 93 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.524 | 0.428 | 18.3 | 92 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.263 | 0.207 | 21.3 | 89 | 0.00 |
| 68 | | Hexachlorobenzene | 0.318 | 0.249 | 21.7 | 90 | 0.00 |
| 69 | | Atrazine | 0.253 | 0.209 | 17.4 | 95 | 0.00 |
| 70 | C | Pentachlorophenol | 0.157 | 0.133 | 15.3 | 96 | 0.00 |
| 71 | | Phenanthrene | 1.094 | 0.862 | 21.2 | 91 | 0.00 |
| 72 | | Anthracene | 1.116 | 0.886 | 20.6 | 92 | 0.00 |
| 73 | | Carbazole | 0.959 | 0.786 | 18.0 | 94 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.070 | 0.852 | 20.4 | 91 | 0.00 |
| 75 | C | Fluoranthene | 1.496 | 1.184 | 20.9# | 92 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 115 | 0.00 |
| 77 | | Benzidine | 0.599 | 0.496 | 17.2 | 101 | 0.00 |
| 78 | | Pyrene | 1.121 | 0.900 | 19.7 | 93 | 0.00 |
| 79 | S | Terphenyl-d14 | 1.017 | 0.789 | 22.4 | 89 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.394 | 0.307 | 22.1 | 90 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.360 | 1.076 | 20.9 | 90 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.501 | 0.425 | 15.2 | 94 | 0.00 |
| 83 | | Chrysene | 1.282 | 1.000 | 22.0 | 88 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.576 | 0.445 | 22.7 | 88 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 0.996 | 0.766 | 23.1# | 85 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 110 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.374 | 1.109 | 19.3 | 87 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.273 | 0.977 | 23.3 | 83 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.279 | 1.026 | 19.8 | 90 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.181 | 0.953 | 19.3 | 88 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.126 | 0.905 | 19.6 | 86 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 1.083 | 0.860 | 20.6 | 86 | -0.01 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 = 4

# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 111 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 31.527 | 21.2 | 83 | 0.00 |
| 3 | | Pyridine | 40.000 | 29.291 | 26.8# | 79 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 32.525 | 18.7 | 89 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 63.167 | 21.0 | 86 | 0.00 |
| 6 | | Aniline | 40.000 | 34.106 | 14.7 | 92 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 64.502 | 19.4 | 87 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 32.779 | 18.1 | 88 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 35.196 | 12.0 | 95 | 0.00 |
| 10 | C | Phenol | 40.000 | 32.974 | 17.6 | 89 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 32.532 | 18.7 | 87 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 33.672 | 15.8 | 91 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 32.901 | 17.7 | 90 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 33.934 | 15.2 | 92 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 34.561 | 13.6 | 92 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 31.833 | 20.4 | 87 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 32.149 | 19.6 | 86 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 31.370 | 21.6 | 87 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 34.287 | 14.3 | 90 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 32.235 | 19.4 | 88 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 111 | 0.00 |
| 22 | | Acetophenone | 40.000 | 33.774 | 15.6 | 91 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 61.930 | 22.6 | 84 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 33.162 | 17.1 | 91 | 0.00 |
| 25 | | Isophorone | 40.000 | 32.368 | 19.1 | 90 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 33.507 | 16.2 | 88 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 31.650 | 20.9 | 87 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 32.150 | 19.6 | 89 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 33.040 | 17.4 | 88 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 33.988 | 15.0 | 94 | 0.00 |
| 31 | | Naphthalene | 40.000 | 31.383 | 21.5 | 86 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 30.681 | 23.3 | 88 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 33.639 | 15.9 | 90 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 31.513 | 21.2# | 87 | 0.00 |
| 35 | | Caprolactam | 40.000 | 32.854 | 17.9 | 93 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 32.195 | 19.5 | 89 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 28.612 | 28.5# | 80 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 30.038 | 24.9 | 84 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 114 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 31.686 | 20.8 | 90 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 30.647 | 23.4 | 87 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 64.162 | 19.8 | 92 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 32.039 | 19.9 | 89 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 31.528 | 21.2 | 88 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 59.990 | 25.0# | 86 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 32.265 | 19.3 | 92 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 31.173 | 22.1 | 90 | 0.00 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 33.514 | 16.2 | 93 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 31.779 | 20.6 | 91 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 31.689 | 20.8 | 92 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 33.291 | 16.8 | 94 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 31.693 | 20.8# | 90 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 33.908 | 15.2 | 95 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 32.871 | 17.8 | 95 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 31.341 | 21.6 | 91 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 33.387 | 16.5 | 94 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 33.468 | 16.3 | 94 | 0.00 |
| 58 | | Fluorene | 40.000 | 31.633 | 20.9 | 92 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 34.475 | 13.8 | 99 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 31.411 | 21.5 | 91 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 30.654 | 23.4 | 89 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 33.761 | 15.6 | 93 | 0.00 |
| 63 | | Azobenzene | 40.000 | 31.929 | 20.2 | 93 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 116 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 33.928 | 15.2 | 93 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 32.679 | 18.3 | 92 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 31.573 | 21.1 | 89 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 31.349 | 21.6 | 90 | 0.00 |
| 69 | | Atrazine | 40.000 | 33.110 | 17.2 | 95 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 32.137 | 19.7 | 96 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 31.516 | 21.2 | 91 | 0.00 |
| 72 | | Anthracene | 40.000 | 31.775 | 20.6 | 92 | 0.00 |
| 73 | | Carbazole | 40.000 | 32.779 | 18.1 | 94 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 31.841 | 20.4 | 91 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 31.649 | 20.9# | 92 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 115 | 0.00 |
| 77 | | Benzidine | 40.000 | 33.151 | 17.1 | 101 | 0.00 |
| 78 | | Pyrene | 40.000 | 32.115 | 19.7 | 93 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 62.068 | 22.4 | 89 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 31.103 | 22.2 | 90 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 31.660 | 20.8 | 90 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 33.973 | 15.1 | 94 | 0.00 |
| 83 | | Chrysene | 40.000 | 31.200 | 22.0 | 88 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 30.914 | 22.7 | 88 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 30.757 | 23.1# | 85 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 110 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 32.293 | 19.3 | 87 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 30.693 | 23.3 | 83 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 32.097 | 19.8 | 90 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 32.301 | 19.2 | 88 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 32.155 | 19.6 | 86 | 0.00 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 31.749 | 20.6 | 86 | -0.01 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 = 4

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Dec 05 14:52:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026238.D 50 =BP026148.D 60 =BP026149.D 80 =BP0261
50.D

| | | Compound | 2.5 | 5 | 10 | 20 | 40 | 50 | 60 | 80 | Avg | %RSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | I | 1,4-Dichlorobenzen... | ----------ISTD---------- | | | | | | | | | |
| 2) | | 1,4-Dioxane | | 0.507 | 0.520 | 0.524 | 0.490 | 0.502 | 0.505 | 0.494 | 0.506 | 2.46 |
| 3) | | Pyridine | | 1.401 | 1.459 | 1.510 | 1.391 | 1.485 | 1.466 | 1.458 | 1.453 | 2.96 |
| 4) | | n-Nitrosodimet... | | | 0.535 | 0.560 | 0.515 | 0.552 | 0.549 | 0.540 | 0.542 | 2.93 |
| 5) | S | 2-Fluorophenol | | 1.193 | 1.249 | 1.277 | 1.231 | 1.255 | 1.258 | 1.245 | 1.244 | 2.14 |
| 6) | | Aniline | | 1.953 | 2.050 | 2.154 | 1.885 | 2.138 | 2.127 | 2.117 | 2.061 | 5.04 |
| 7) | S | Phenol-d6 | | 1.465 | 1.564 | 1.623 | 1.505 | 1.632 | 1.606 | 1.596 | 1.570 | 4.02 |
| 8) | | 2-Chlorophenol | | 1.318 | 1.398 | 1.438 | 1.398 | 1.452 | 1.439 | 1.453 | 1.414 | 3.40 |
| 9) | | Benzaldehyde | | | 0.963 | 0.899 | 1.014 | 0.719 | 0.812 | 0.673 | 0.847 | 16.00 |
| 10) | C | Phenol | | 1.570 | 1.658 | 1.757 | 1.608 | 1.759 | 1.742 | 1.729 | 1.689 | 4.58 |
| 11) | | bis(2-Chloroet... | | 1.252 | 1.334 | 1.368 | 1.265 | 1.363 | 1.338 | 1.350 | 1.324 | 3.54 |
| 12) | | 1,3-Dichlorobe... | | 1.511 | 1.526 | 1.570 | 1.537 | 1.528 | 1.518 | 1.518 | 1.530 | 1.29 |
| 13) | C | 1,4-Dichlorobe... | | 1.495 | 1.547 | 1.589 | 1.552 | 1.546 | 1.532 | 1.530 | 1.541 | 1.83 |
| 14) | | 1,2-Dichlorobe... | | 1.453 | 1.482 | 1.521 | 1.487 | 1.480 | 1.470 | 1.464 | 1.480 | 1.47 |
| 15) | | Benzyl Alcohol | | | 1.074 | 1.181 | 1.064 | 1.194 | 1.164 | 1.173 | 1.142 | 5.01 |
| 16) | | 2,2'-oxybis(1-... | | 1.769 | 1.841 | 1.961 | 1.699 | 1.924 | 1.852 | 1.892 | 1.848 | 4.89 |
| 17) | | 2-Methylphenol | | 1.067 | 1.126 | 1.191 | 1.077 | 1.202 | 1.180 | 1.182 | 1.146 | 4.92 |
| 18) | | Hexachloroethane | | 0.527 | 0.559 | 0.569 | 0.562 | 0.565 | 0.557 | 0.581 | 0.560 | 2.98 |
| 19) | P | n-Nitroso-di-n... | 0.937 | 0.899 | 0.960 | 1.063 | 0.884 | 1.039 | 0.975 | 0.986 | 0.968 | 6.44 |
| 20) | | 3+4-Methylphenols | | | 1.530 | 1.656 | 1.450 | 1.648 | 1.601 | 1.613 | 1.583 | 5.00 |
| 21) | I | Naphthalene-d8 | ----------ISTD---------- | | | | | | | | | |
| 22) | | Acetophenone | | 0.497 | 0.521 | 0.530 | 0.499 | 0.504 | 0.507 | 0.493 | 0.507 | 2.67 |
| 23) | S | Nitrobenzene-d5 | | 0.335 | 0.357 | 0.362 | 0.350 | 0.351 | 0.355 | 0.349 | 0.351 | 2.37 |
| 24) | | Nitrobenzene | | 0.339 | 0.356 | 0.368 | 0.352 | 0.357 | 0.360 | 0.354 | 0.355 | 2.51 |
| 25) | | Isophorone | | 0.655 | 0.693 | 0.736 | 0.649 | 0.710 | 0.686 | 0.697 | 0.689 | 4.37 |
| 26) | C | 2-Nitrophenol | | 0.152 | 0.164 | 0.182 | 0.184 | 0.189 | 0.192 | 0.193 | 0.180 | 8.72 |
| 27) | | 2,4-Dimethylph... | | 0.305 | 0.327 | 0.337 | 0.278 | 0.328 | 0.327 | 0.323 | 0.318 | 6.31 |
| 28) | | bis(2-Chloroet... | | 0.425 | 0.439 | 0.454 | 0.411 | 0.442 | 0.426 | 0.436 | 0.433 | 3.19 |
| 29) | C | 2,4-Dichloroph... | | 0.298 | 0.322 | 0.335 | 0.325 | 0.330 | 0.330 | 0.328 | 0.324 | 3.73 |
| 30) | | 1,2,4-Trichlor... | | 0.331 | 0.337 | 0.337 | 0.346 | 0.325 | 0.328 | 0.328 | 0.333 | 2.16 |
| 31) | | Naphthalene | | 1.080 | 1.114 | 1.115 | 1.075 | 1.073 | 1.059 | 1.052 | 1.081 | 2.29 |
| 32) | | Benzoic acid | | | 0.209 | 0.268 | 0.162 | 0.276 | 0.329 | 0.285 | 0.255 | 23.37 |
| 33) | | 4-Chloroaniline | | 0.429 | 0.461 | 0.479 | 0.425 | 0.463 | 0.458 | 0.457 | 0.453 | 4.30 |
| 34) | C | Hexachlorobuta... | | 0.213 | 0.218 | 0.219 | 0.231 | 0.211 | 0.212 | 0.219 | 0.217 | 3.17 |
| 35) | | Caprolactam | | | 0.113 | 0.123 | 0.106 | 0.118 | 0.114 | 0.113 | 0.114 | 4.96 |
| 36) | C | 4-Chloro-3-met... | | 0.314 | 0.342 | 0.366 | 0.323 | 0.356 | 0.344 | 0.342 | 0.341 | 5.21 |
| 37) | | 2-Methylnaphth... | | 0.732 | 0.791 | 0.804 | 0.743 | 0.773 | 0.746 | 0.744 | 0.762 | 3.64 |
| 38) | | 1-Methylnaphth... | | 0.735 | 0.767 | 0.785 | 0.731 | 0.746 | 0.729 | 0.719 | 0.744 | 3.18 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 39) | I | Acenaphthene-d10 | ----------ISTD---------- | | | | | | | | |
| 40) | | 1,2,4,5-Tetrac... | 0.607 | 0.610 | 0.613 | 0.637 | 0.594 | 0.610 | 0.603 | 0.611 | 2.18 |
| 41) | P | Hexachlorocycl... | | 0.347 | 0.382 | 0.306 | 0.396 | 0.418 | 0.436 | 0.381 | 12.53 |
| 42) | S | 2,4,6-Tribromo... | 0.241 | 0.253 | 0.273 | 0.269 | 0.262 | 0.260 | 0.262 | 0.260 | 4.04 |
| 43) | C | 2,4,6-Trichlor... | 0.380 | 0.404 | 0.431 | 0.422 | 0.420 | 0.426 | 0.420 | 0.415 | 4.24 |
| 44) | | 2,4,5-Trichlor... | 0.428 | 0.454 | 0.482 | 0.462 | 0.469 | 0.473 | 0.468 | 0.462 | 3.71 |
| 45) | S | 2-Fluorobiphenyl | 1.430 | 1.442 | 1.453 | 1.414 | 1.317 | 1.325 | 1.249 | 1.376 | 5.70 |
| 46) | | 1,1'-Biphenyl | 1.499 | 1.540 | 1.580 | 1.519 | 1.469 | 1.504 | 1.460 | 1.510 | 2.74 |
| 47) | | 2-Chloronaphth... | 1.167 | 1.215 | 1.217 | 1.208 | 1.164 | 1.195 | 1.162 | 1.190 | 2.07 |
| 48) | | 2-Nitroaniline | 0.289 | 0.310 | 0.345 | 0.314 | 0.336 | 0.349 | 0.339 | 0.326 | 6.75 |
| 49) | | Acenaphthylene | 1.890 | 1.987 | 2.051 | 1.941 | 1.943 | 1.951 | 1.906 | 1.953 | 2.75 |
| 50) | | Dimethylphthalate | 1.470 | 1.517 | 1.573 | 1.469 | 1.470 | 1.470 | 1.462 | 1.490 | 2.74 |
| 51) | | 2,6-Dinitrotol... | 0.235 | 0.267 | 0.310 | 0.305 | 0.312 | 0.313 | 0.319 | 0.295 | 10.63 |
| 52) | C | Acenaphthene | 1.139 | 1.182 | 1.180 | 1.117 | 1.141 | 1.153 | 1.081 | 1.142 | 3.10 |
| 53) | | 3-Nitroaniline | 0.286 | 0.330 | 0.368 | 0.332 | 0.364 | 0.368 | 0.362 | 0.344 | 8.81 |
| 54) | P | 2,4-Dinitrophenol | | 0.124 | 0.174 | 0.056 | 0.187 | 0.194 | 0.208 | 0.157 | 36.56 |
| 55) | | Dibenzofuran | 1.779 | 1.832 | 1.880 | 1.782 | 1.763 | 1.738 | 1.654 | 1.776 | 4.01 |
| 56) | P | 4-Nitrophenol | | 0.290 | 0.331 | 0.269 | 0.314 | 0.324 | 0.317 | 0.307 | 7.70 |
| 57) | | 2,4-Dinitrotol... | 0.362 | 0.407 | 0.469 | 0.440 | 0.464 | 0.465 | 0.459 | 0.438 | 9.14 |
| 58) | | Fluorene | 1.447 | 1.490 | 1.500 | 1.403 | 1.374 | 1.351 | 1.267 | 1.405 | 5.89 |
| 59) | | 2,3,4,6-Tetrac... | 0.361 | 0.391 | 0.409 | 0.390 | 0.397 | 0.396 | 0.394 | 0.391 | 3.73 |
| 60) | | Diethylphthalate | 1.493 | 1.507 | 1.592 | 1.452 | 1.493 | 1.462 | 1.465 | 1.495 | 3.16 |
| 61) | | 4-Chlorophenyl... | 0.718 | 0.717 | 0.741 | 0.714 | 0.691 | 0.673 | 0.648 | 0.700 | 4.53 |
| 62) | | 4-Nitroaniline | 0.313 | 0.359 | 0.394 | 0.333 | 0.368 | 0.376 | 0.358 | 0.357 | 7.59 |
| 63) | | Azobenzene | 1.200 | 1.276 | 1.346 | 1.206 | 1.279 | 1.252 | 1.240 | 1.257 | 3.96 |
| 64) | I | Phenanthrene-d10 | ----------ISTD---------- | | | | | | | | |
| 65) | | 4,6-Dinitro-2-... | | 0.099 | 0.123 | 0.081 | 0.132 | 0.134 | 0.141 | 0.118 | 19.93 |
| 66) | c | n-Nitrosodiphe... | 0.598 | 0.640 | 0.641 | 0.622 | 0.610 | 0.609 | 0.610 | 0.618 | 2.68 |
| 67) | | 4-Bromophenyl-... | 0.208 | 0.219 | 0.223 | 0.231 | 0.221 | 0.221 | 0.229 | 0.222 | 3.43 |
| 68) | | Hexachlorobenzene | 0.243 | 0.260 | 0.260 | 0.269 | 0.255 | 0.254 | 0.263 | 0.258 | 3.27 |
| 69) | | Atrazine | 0.217 | 0.232 | 0.247 | 0.232 | 0.233 | 0.229 | 0.237 | 0.233 | 3.86 |
| 70) | C | Pentachlorophenol | | 0.170 | 0.179 | 0.177 | 0.179 | 0.180 | 0.187 | 0.179 | 3.20 |
| 71) | | Phenanthrene | 1.128 | 1.179 | 1.179 | 1.128 | 1.102 | 1.089 | 1.087 | 1.127 | 3.43 |
| 72) | | Anthracene | 1.122 | 1.194 | 1.198 | 1.166 | 1.122 | 1.134 | 1.102 | 1.148 | 3.29 |
| 73) | | Carbazole | 1.083 | 1.178 | 1.151 | 1.075 | 1.045 | 1.050 | 1.030 | 1.087 | 5.16 |
| 74) | | Di-n-butylphth... | 1.219 | 1.290 | 1.372 | 1.292 | 1.304 | 1.223 | 1.290 | 1.284 | 4.05 |
| 75) | C | Fluoranthene | 1.383 | 1.464 | 1.452 | 1.392 | 1.308 | 1.319 | 1.287 | 1.372 | 5.12 |
| 76) | I | Chrysene-d12 | ----------ISTD---------- | | | | | | | | |
| 77) | | Benzidine | | 0.727 | 0.733 | 0.575 | 0.631 | 0.594 | 0.508 | 0.628 | 14.11 |
| 78) | | Pyrene | 1.266 | 1.318 | 1.375 | 1.275 | 1.309 | 1.302 | 1.277 | 1.303 | 2.85 |
| 79) | S | Terphenyl-d14 | 1.024 | 1.037 | 1.061 | 0.974 | 0.971 | 0.918 | 0.866 | 0.979 | 7.08 |
| 80) | | Butylbenzylpht... | 0.546 | 0.552 | 0.612 | 0.564 | 0.588 | 0.555 | 0.587 | 0.572 | 4.24 |
| 81) | | Benzo(a)anthra... | 1.373 | 1.401 | 1.437 | 1.364 | 1.349 | 1.350 | 1.328 | 1.372 | 2.66 |
| 82) | | 3,3'-Dichlorob... | | 0.513 | 0.526 | 0.498 | 0.492 | 0.491 | 0.475 | 0.499 | 3.61 |
| 83) | | Chrysene | 1.298 | 1.336 | 1.341 | 1.316 | 1.266 | 1.279 | 1.257 | 1.299 | 2.57 |
| 84) | | Bis(2-ethylhex... | 0.842 | 0.825 | 0.918 | 0.836 | 0.876 | 0.814 | 0.911 | 0.860 | 4.84 |
| 85) | c | Di-n-octyl pht... | | 1.414 | 1.572 | 1.510 | 1.553 | 1.467 | 1.584 | 1.517 | 4.37 |

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 86) | I | Perylene-d12 | ----------ISTD---------- | | | | | | | |
| 87) | | Indeno(1,2,3-c... | 1.442 | 1.484 | 1.538 | 1.592 | 1.483 | 1.531 | 1.511 | 1.512 | 3.20 |
| 88) | | Benzo(b)fluora... | 1.190 | 1.226 | 1.271 | 1.220 | 1.222 | 1.200 | 1.180 | 1.215 | 2.48 |
| 89) | | Benzo(k)fluora... | 1.206 | 1.228 | 1.275 | 1.209 | 1.213 | 1.192 | 1.189 | 1.216 | 2.39 |
| 90) | C | Benzo(a)pyrene | 1.121 | 1.153 | 1.198 | 1.160 | 1.147 | 1.146 | 1.142 | 1.153 | 2.05 |
| 91) | | Dibenzo(a,h)an... | 1.177 | 1.220 | 1.274 | 1.296 | 1.209 | 1.245 | 1.232 | 1.236 | 3.24 |
| 92) | | Benzo(g,h,i)pe... | 1.175 | 1.230 | 1.253 | 1.307 | 1.185 | 1.244 | 1.234 | 1.232 | 3.58 |

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.655 | 152 | 296435 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.431 | 136 | 1184362 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 759057 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1539519 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1732194 | 20.000 | ng | 0.01 |
| 86) Perylene-d12 | 24.918 | 264 | 1973418 | 20.000 | ng | 0.01 |
| 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... | 8.449 | 70 | 34712 | 2.457 | ng | 96 |

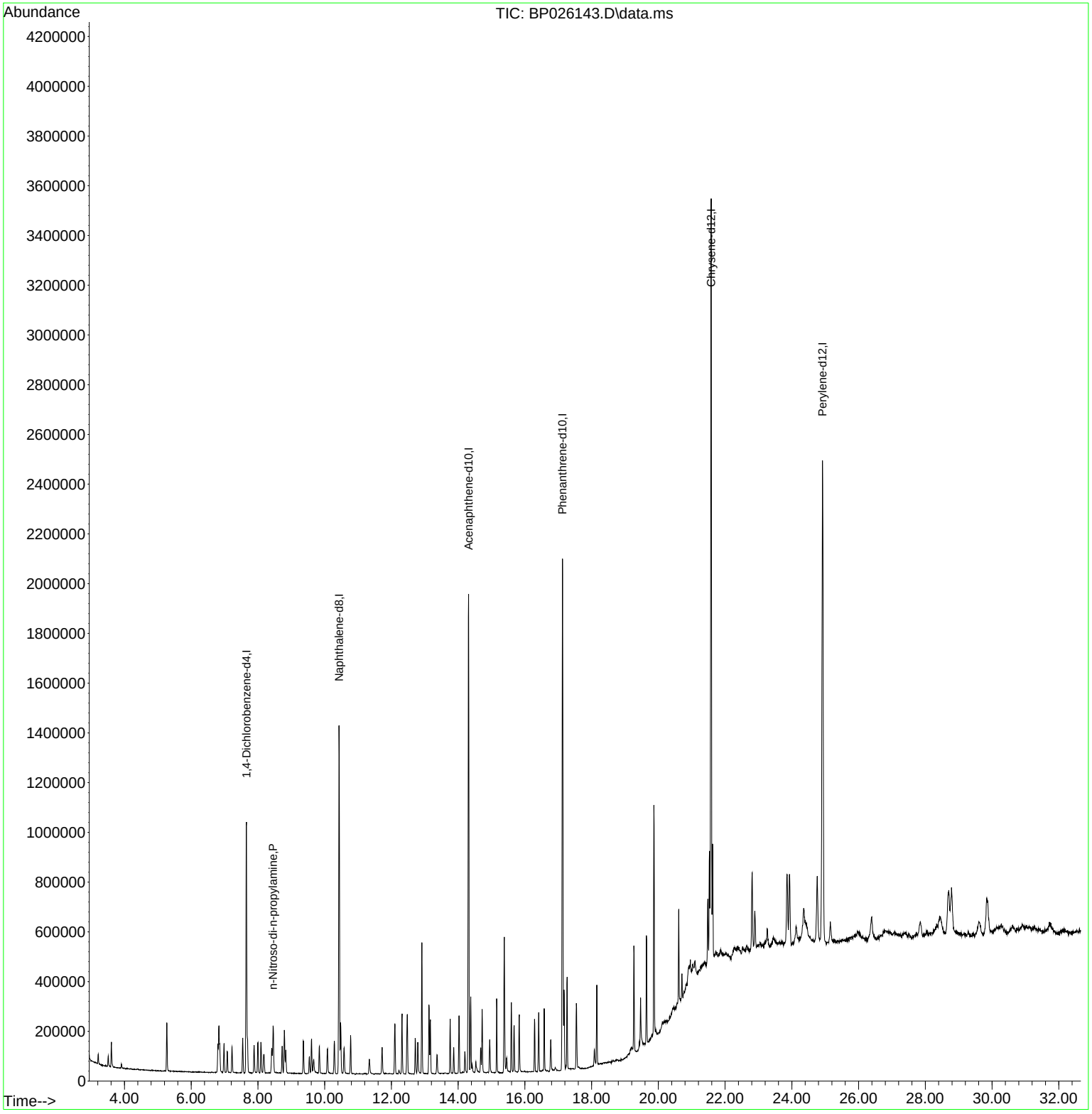
(#) = qualifier out of range (m) = manual integration (+) = signals summed

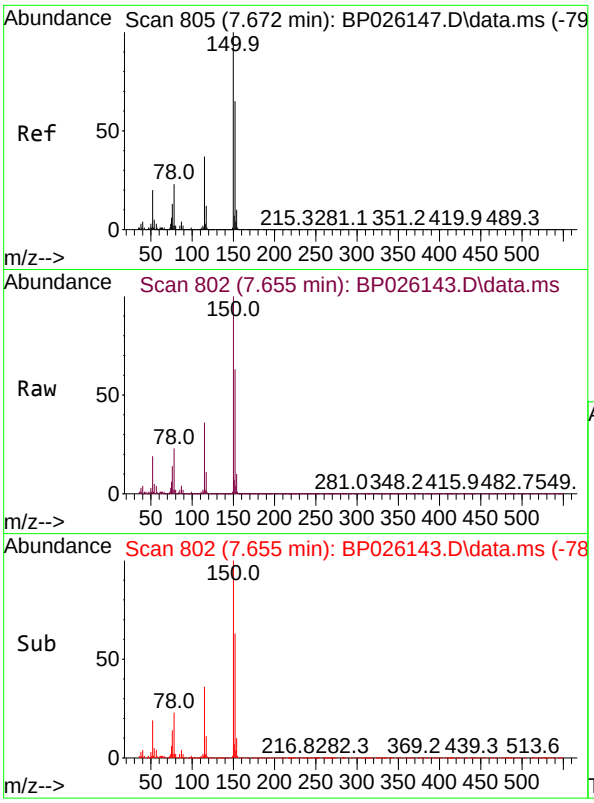
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



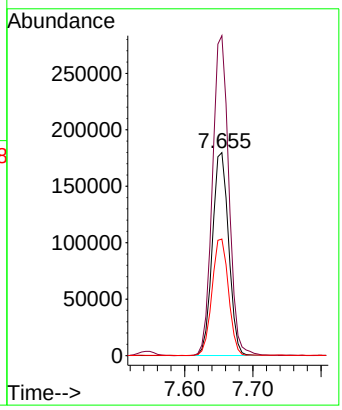


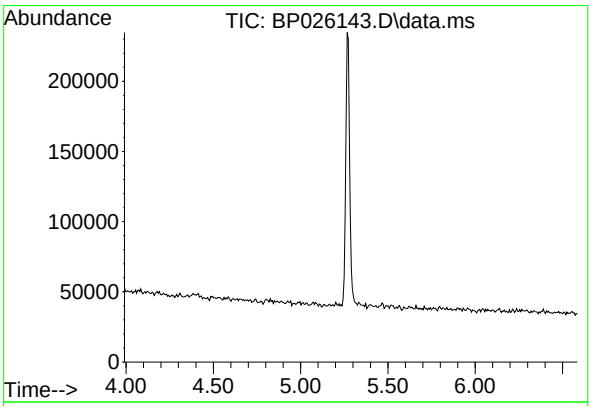

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:152 Resp: 296435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.7 | 123.0 | 184.6 |
| 115 | 57.5 | 46.3 | 69.5 |



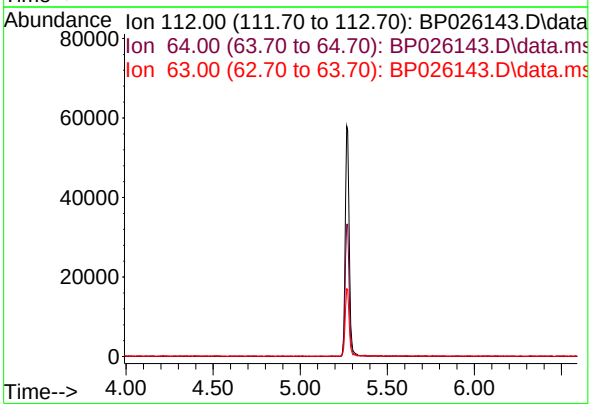



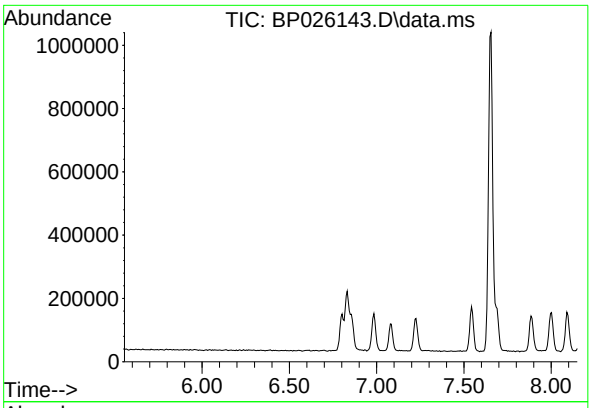

#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.29 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 57.2 |
| 63 | 29.4 |





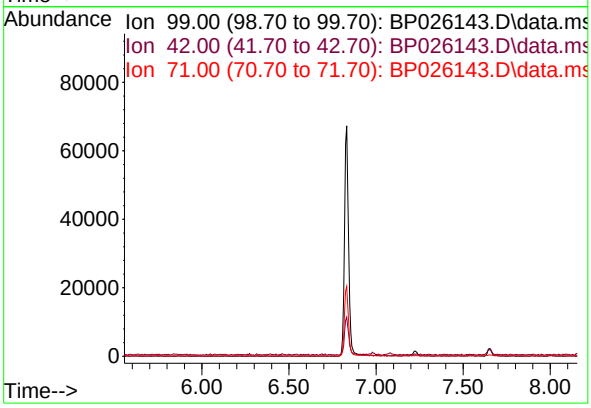

#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.85 min

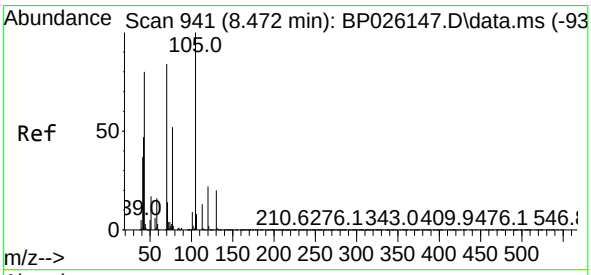
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 99

| Sig | Exp Ratio |
|---|---|
| 99 | 100 |
| 42 | 16.1 |
| 71 | 31.0 |

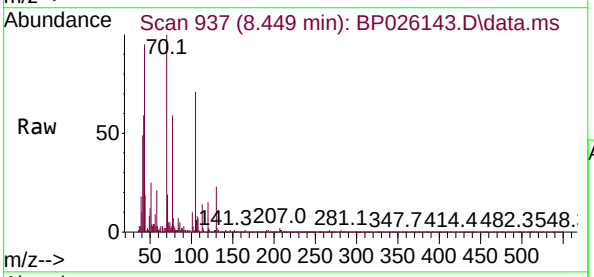


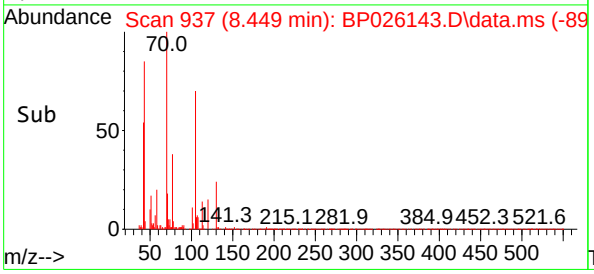



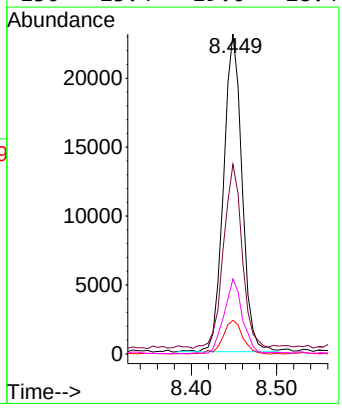

#19
n-Nitroso-di-n-propylamine
Concen: 2.457 ng
RT: 8.449 min Scan# 937
Delta R.T. -0.023 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

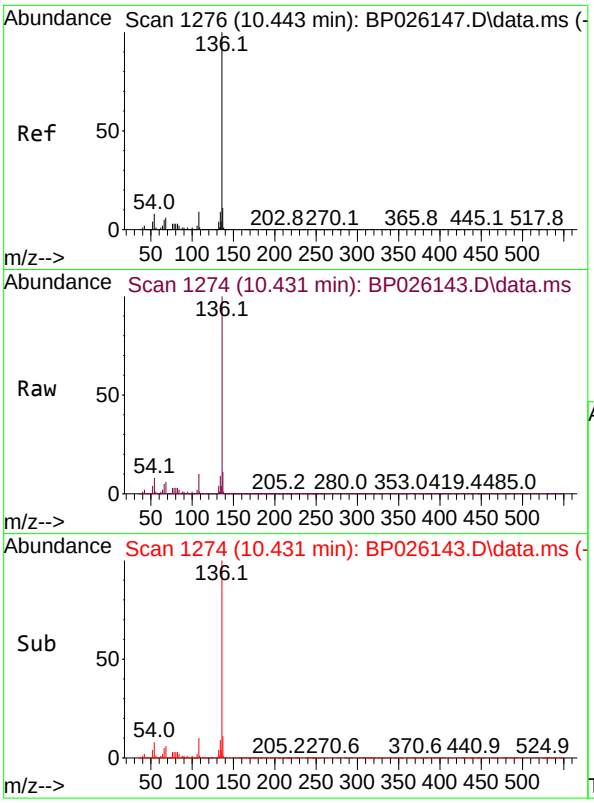
Tgt Ion: 70 Resp: 34712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 59.2 | 44.1 | 66.1 |
| 101 | 10.5 | 8.2 | 12.4 |
| 130 | 23.4 | 19.0 | 28.4 |



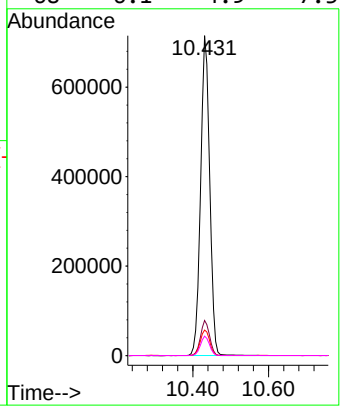


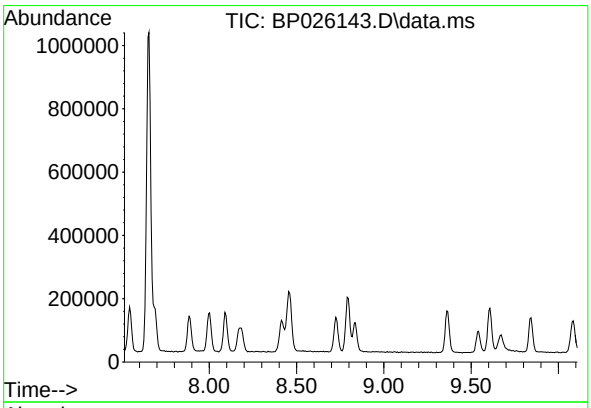

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:136 Resp: 1184362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 8.0 | 6.4 | 9.6 |
| 68 | 6.1 | 4.9 | 7.3 |



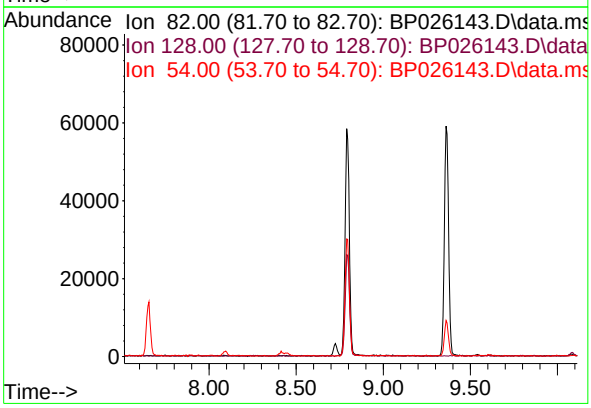



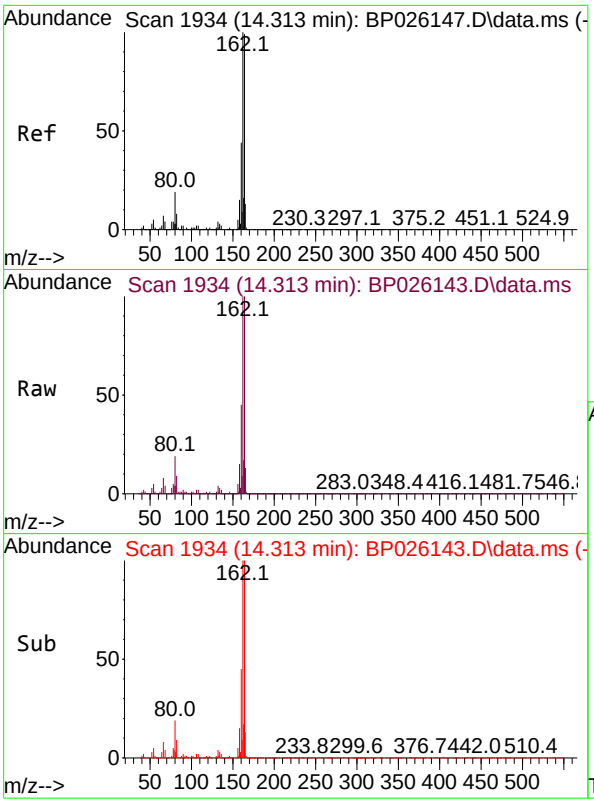

#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.81 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 82

| Sig | Exp Ratio |
|---|---|
| 82 | 100 |
| 128 | 46.7 |
| 54 | 52.0 |



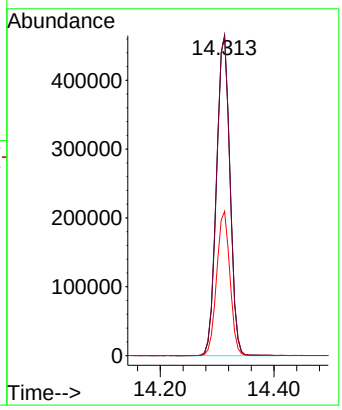


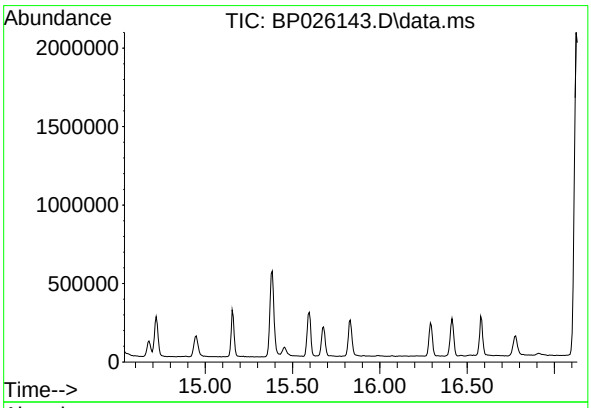

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:164 Resp: 759057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 80.3 | 120.5 |
| 160 | 45.1 | 35.2 | 52.8 |



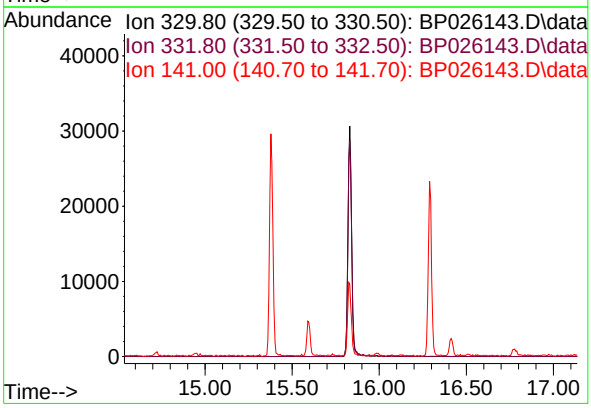



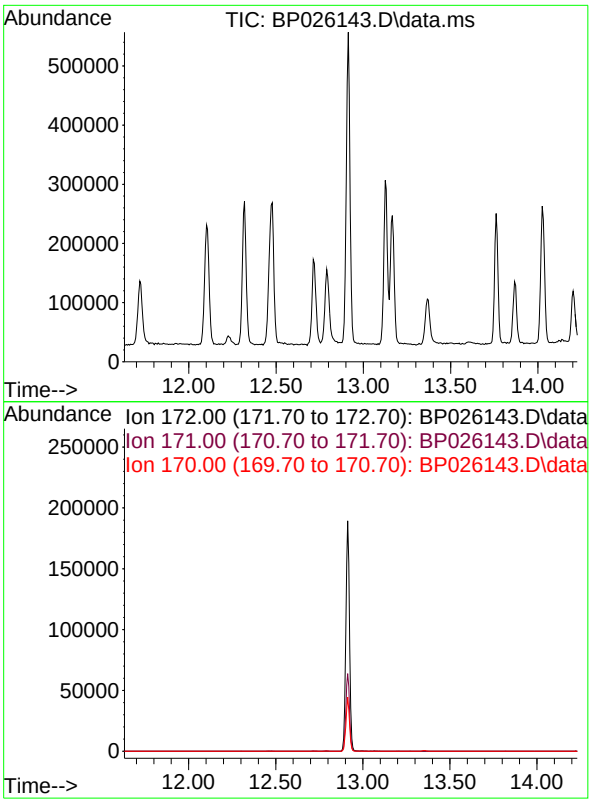

#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.84 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 97.5 |
| 141 | 33.5 |





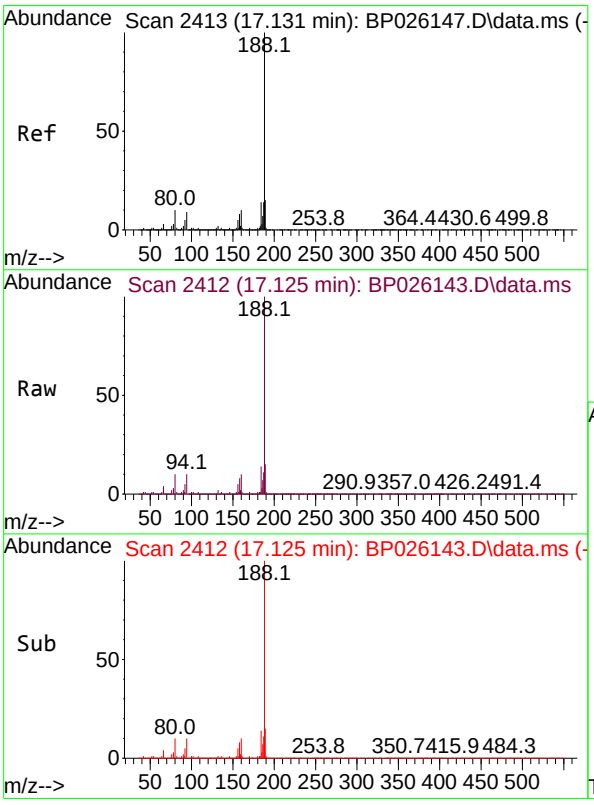

#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 172

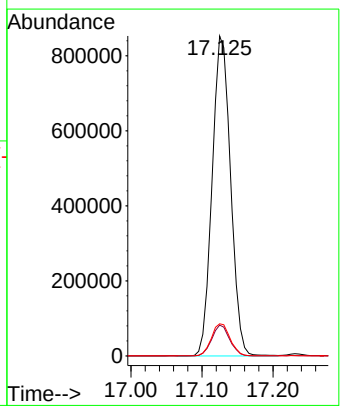
| Sig | Exp Ratio |
|---|---|
| 172 | 100 |
| 171 | 35.3 |
| 170 | 23.4 |

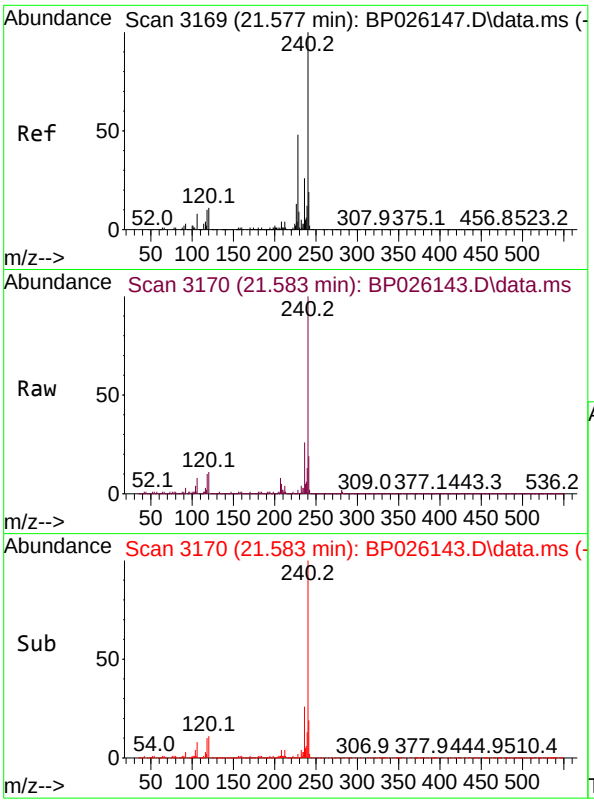



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion:188 Resp: 1539519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 7.8 | 11.6 |
| 80 | 10.0 | 8.2 | 12.2 |



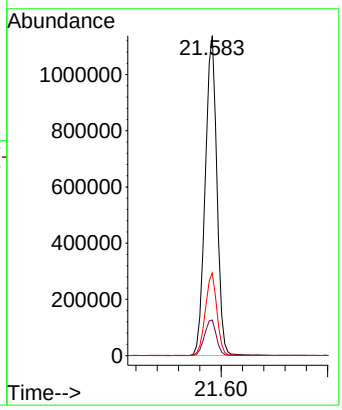


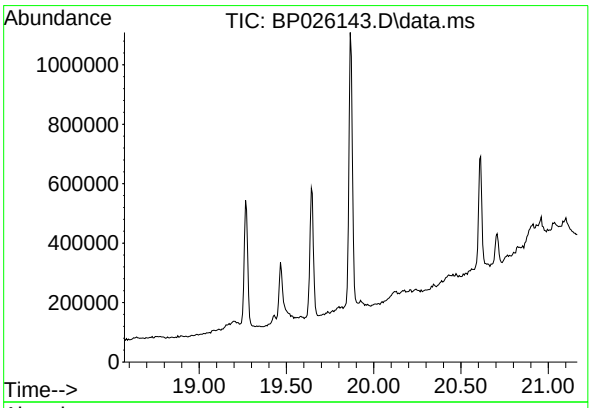

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:240 Resp: 1732194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 9.0 | 13.4 |
| 236 | 25.8 | 20.4 | 30.6 |



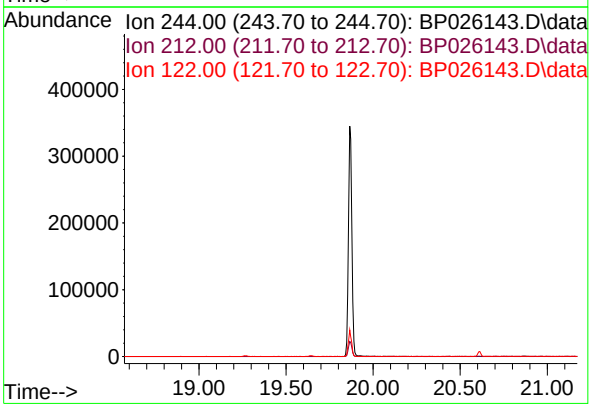



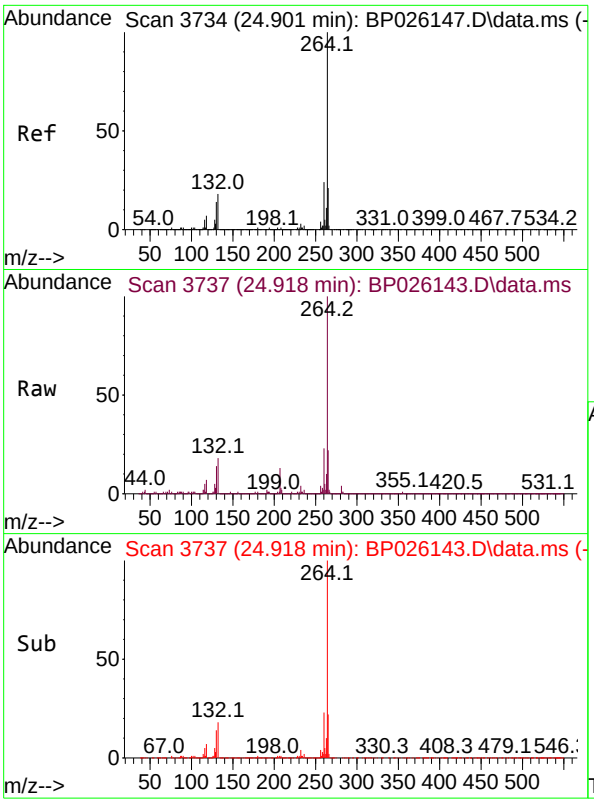

#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.87 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 7.3 |
| 122 | 10.2 |



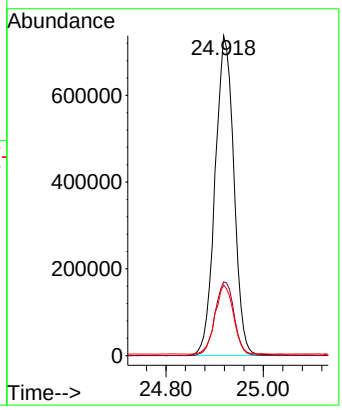



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:264 Resp: 1973418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.7 | 28.1 |
| 265 | 22.1 | 17.5 | 26.3 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 261259 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.437 | 136 | 1023584 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 643620 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.131 | 188 | 1346698 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1560462 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.918 | 264 | 1801943 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 155849 | 9.842 | ng | | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 191404 | 9.528 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.807 | 82 | 171702 | 10.379 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 77590 | 11.005 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 460038 | 10.313 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.872 | 244 | 798858 | 10.439 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 33093 | 4.981 | ng | | 96 |
| 3) Pyridine | 3.620 | 79 | 91499 | 4.844 | ng | | 97 |
| 6) Aniline | 7.002 | 93 | 127562 | 4.764 | ng | | 98 |
| 8) 2-Chlorophenol | 7.243 | 128 | 86099 | 4.908 | ng | | 99 |
| 10) Phenol | 6.872 | 94 | 102514 | 4.615 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 7.096 | 93 | 81759 | 4.649 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.561 | 146 | 98674 | 4.925 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 97655 | 4.815 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 94897 | 4.899 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.190 | 45 | 115566 | 4.387 | ng | | 95 |
| 17) 2-Methylphenol | 8.108 | 107 | 69679 | 4.771 | ng | | 97 |
| 18) Hexachloroethane | 8.743 | 117 | 34390 | 4.908 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.466 | 70 | 58743 | 4.718 | ng | | 99 |
| 22) Acetophenone | 8.478 | 105 | 127156 | 4.927 | ng | # | 99 |
| 24) Nitrobenzene | 8.849 | 77 | 86731 | 5.006 | ng | | 99 |
| 25) Isophorone | 9.378 | 82 | 167606 | 4.787 | ng | | 99 |
| 26) 2-Nitrophenol | 9.555 | 139 | 38871 | 6.573 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 78015 | 5.220 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.849 | 93 | 108845 | 4.925 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 76304 | 4.893 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 84591 | 5.002 | ng | | 94 |
| 31) Naphthalene | 10.484 | 128 | 276491 | 4.976 | ng | | 99 |
| 33) 4-Chloroaniline | 10.590 | 127 | 109680 | 5.080 | ng | | 100 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 54446 | 5.030 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 80314 | 4.924 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 187351 | 4.822 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.337 | 142 | 187981 | 4.977 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.478 | 216 | 97644 | 4.903 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.725 | 196 | 61137 | 5.131 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 12.796 | 196 | 68937 | 5.093 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.131 | 154 | 241240 | 4.917 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.166 | 162 | 187850 | 4.870 | ng | | 99 |
| 48) 2-Nitroaniline | 13.378 | 65 | 46485 | 5.239 | ng | | 90 |
| 49) Acenaphthylene | 14.031 | 152 | 304102 | 5.334 | ng | | 99 |
| 50) Dimethylphthalate | 13.766 | 163 | 236591 | 5.077 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.872 | 165 | 37885 | 4.835 | ng | | 91 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 52) Acenaphthene | 14.378 | 154 | 183221 | 4.803 | ng | | 98 |
| 53) 3-Nitroaniline | 14.201 | 138 | 46080 | 4.861 | ng | # | 97 |
| 55) Dibenzofuran | 14.725 | 168 | 286273 | 4.928 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.678 | 165 | 58186 | 5.089 | ng | | 97 |
| 58) Fluorene | 15.384 | 166 | 232855 | 5.102 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 58158 | 5.425 | ng | | 99 |
| 60) Diethylphthalate | 15.160 | 149 | 240172 | 5.123 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.384 | 204 | 115474 | 5.076 | ng | | 97 |
| 62) 4-Nitroaniline | 15.395 | 138 | 50292 | 5.003 | ng | | 97 |
| 63) Azobenzene | 15.678 | 77 | 193050 | 4.580 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.595 | 169 | 201167 | 4.795 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 69962 | 4.680 | ng | | 98 |
| 68) Hexachlorobenzene | 16.413 | 284 | 81728 | 4.805 | ng | | 97 |
| 69) Atrazine | 16.589 | 200 | 73147 | 5.086 | ng | | 99 |
| 71) Phenanthrene | 17.178 | 178 | 379854 | 4.882 | ng | | 100 |
| 72) Anthracene | 17.266 | 178 | 377623 | 4.865 | ng | | 99 |
| 73) Carbazole | 17.554 | 167 | 364556 | 4.990 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.148 | 149 | 410422 | 4.968 | ng | | 100 |
| 75) Fluoranthene | 19.266 | 202 | 465623 | 5.107 | ng | | 100 |
| 78) Pyrene | 19.642 | 202 | 493981 | 4.740 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.613 | 149 | 212828 | 6.092 | ng | | 100 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 535793 | 5.028 | ng | | 99 |
| 83) Chrysene | 21.630 | 228 | 506265 | 5.012 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 328471 | 5.749 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.677 | 276 | 649473 | 4.913 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.854 | 252 | 535938 | 4.848 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.930 | 252 | 543312 | 4.807 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.754 | 252 | 504836 | 4.939 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.777 | 278 | 530340 | 4.920 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.853 | 276 | 529220 | 5.083 | ng | | 99 |

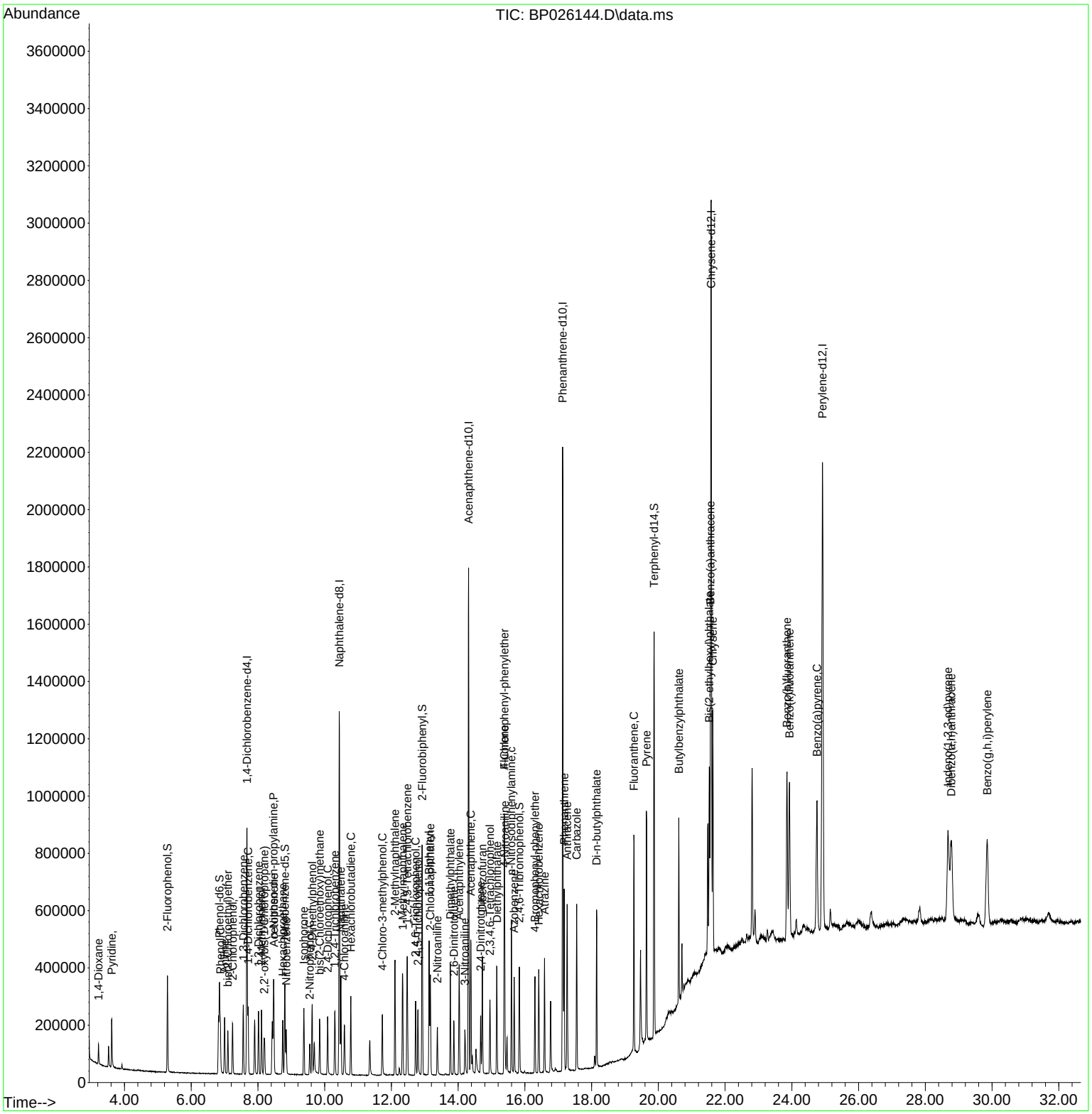
(#) = qualifier out of range (m) = manual integration (+) = signals summed

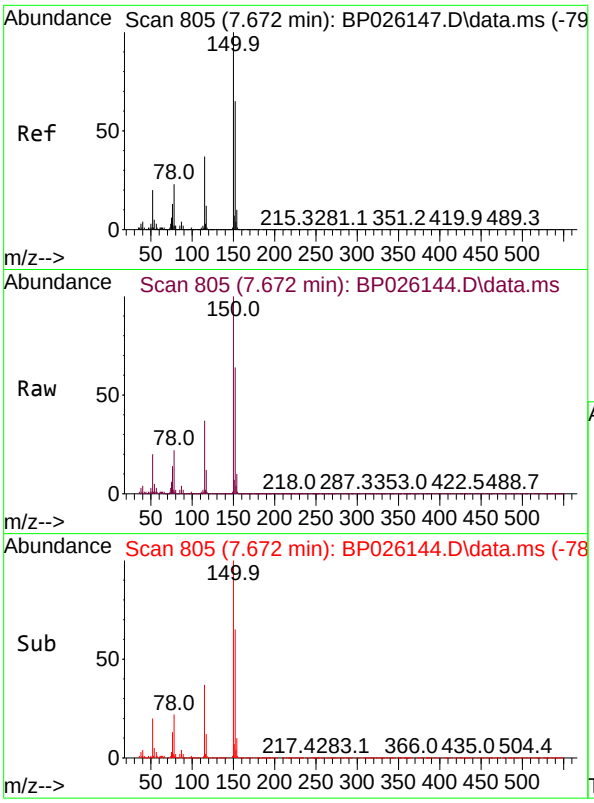
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026144.D
Acq On : 18 Nov 2025 15:12
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Quant Time: Nov 19 00:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



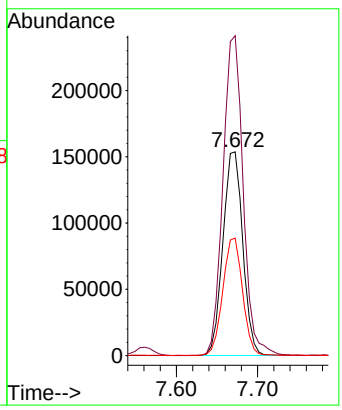


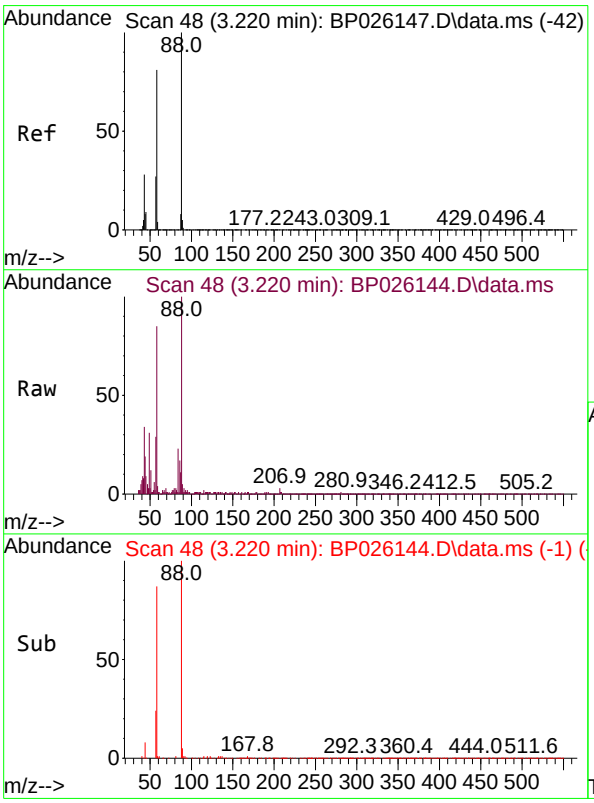

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:152 Resp: 261259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 123.0 | 184.6 |
| 115 | 57.7 | 46.3 | 69.5 |

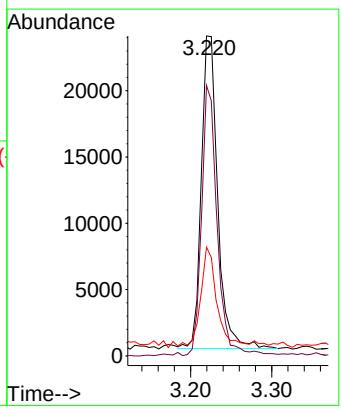


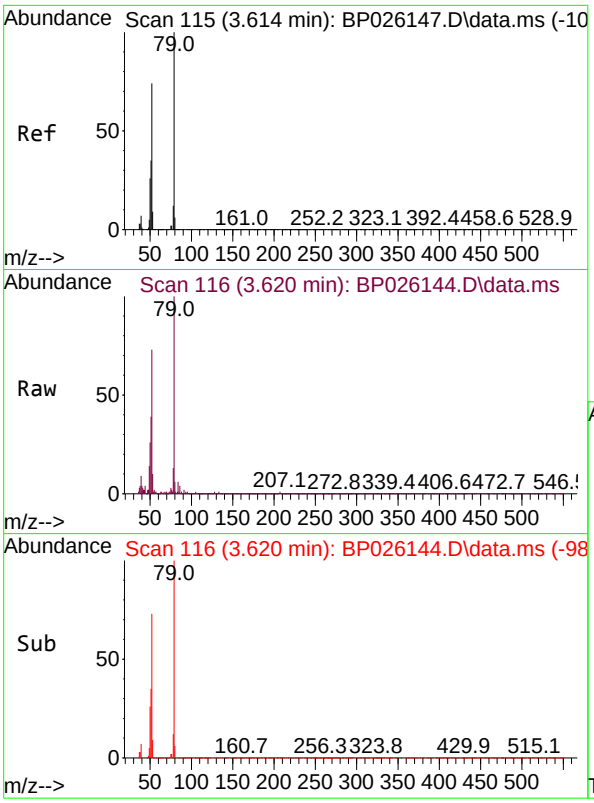




#2
1,4-Dioxane
Concen: 4.981 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 88 Resp: 33093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 82.3 | 64.2 | 96.4 |
| 43 | 30.9 | 21.5 | 32.3 |



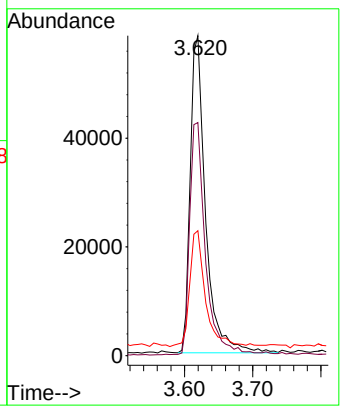


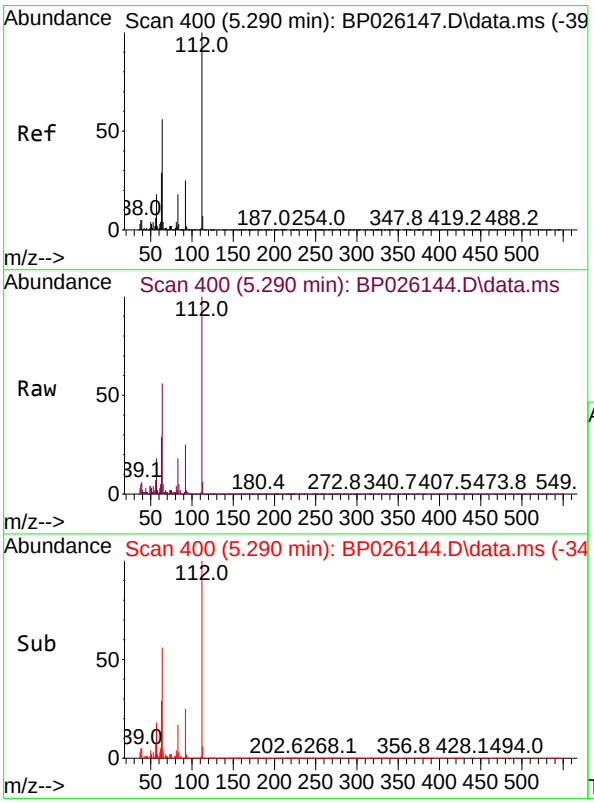

#3
Pyridine
Concen: 4.844 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 79 Resp: 91499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 72.8 | 60.2 | 90.2 |
| 51 | 39.0 | 29.5 | 44.3 |

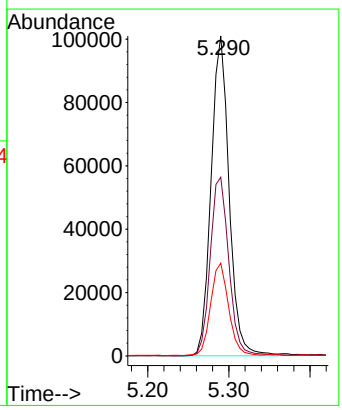


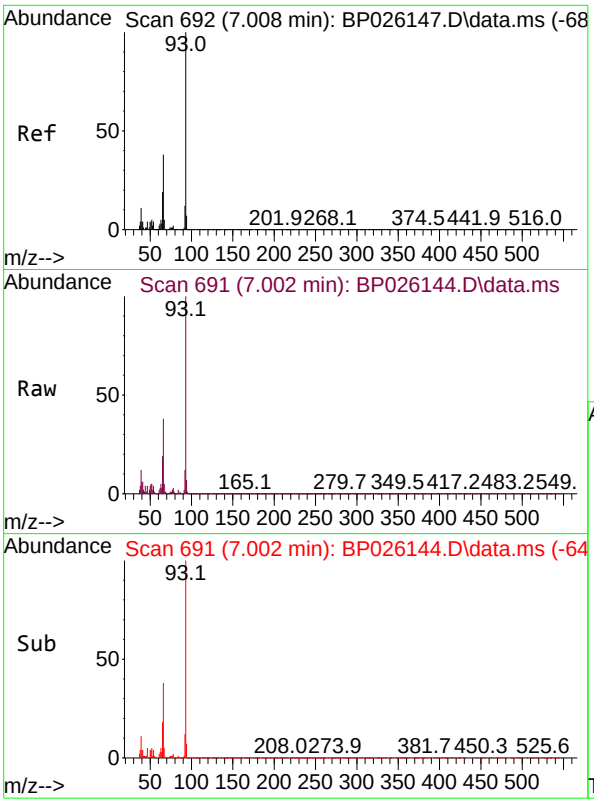




#5
2-Fluorophenol
Concen: 9.842 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:112 Resp: 155849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.8 | 45.8 | 68.6 |
| 63 | 29.0 | 23.5 | 35.3 |



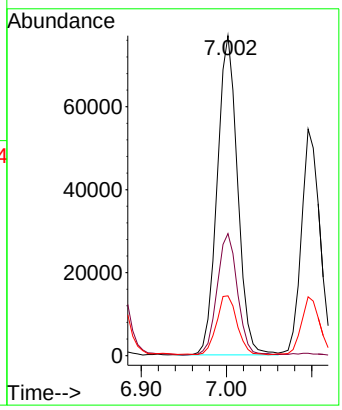


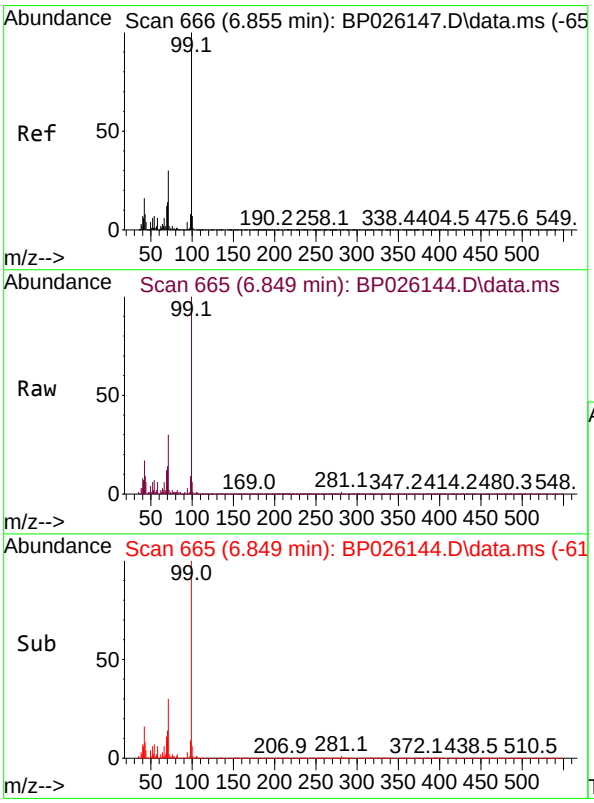

#6
Aniline
Concen: 4.764 ng
RT: 7.002 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 93 Resp: 127562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.1 | 31.7 | 47.5 |
| 65 | 18.7 | 15.8 | 23.6 |

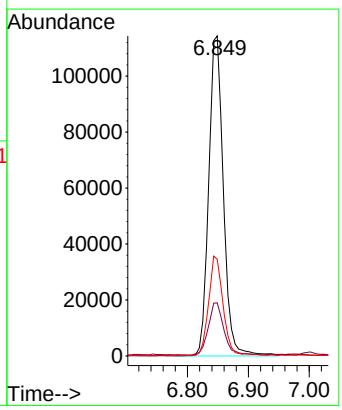


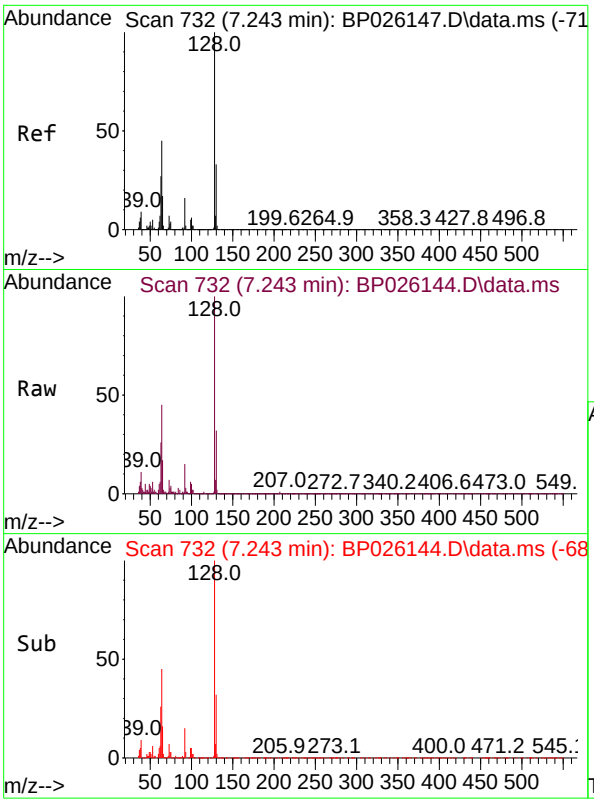




#7
Phenol-d6
Concen: 9.528 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 99 Resp: 191404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.6 | 12.9 | 19.3 |
| 71 | 30.2 | 24.8 | 37.2 |



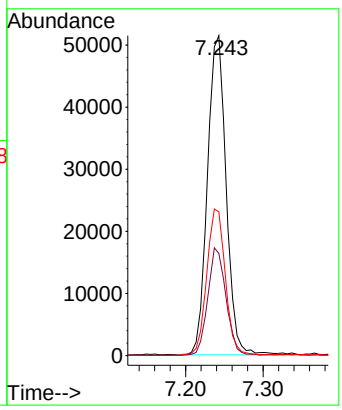


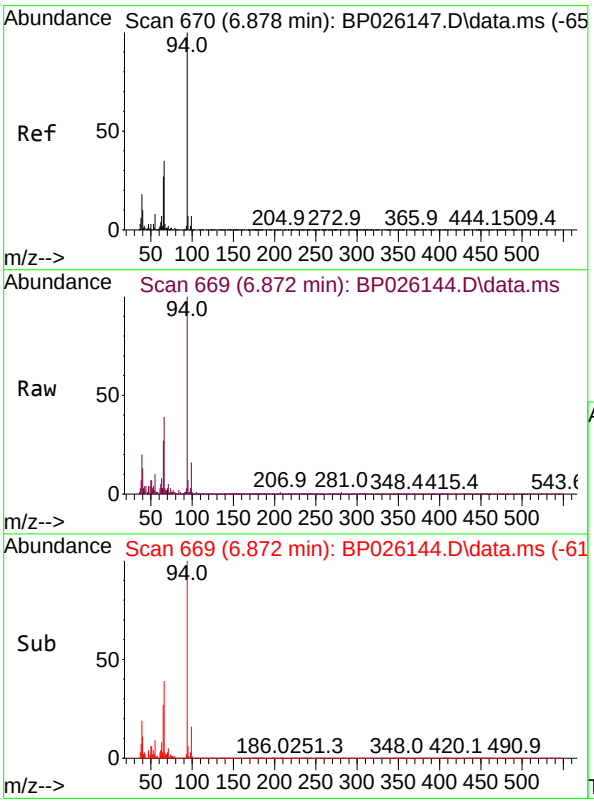

#8
2-Chlorophenol
Concen: 4.908 ng
RT: 7.243 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:128 Resp: 86099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.9 | 12.4 | 52.4 |
| 64 | 44.9 | 23.9 | 63.9 |

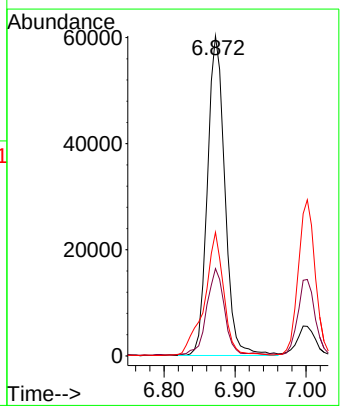


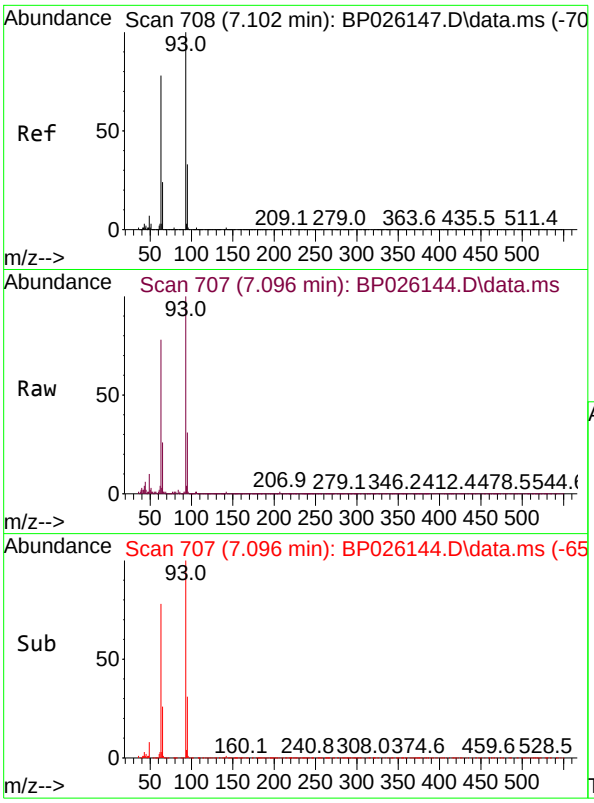




#10
Phenol
Concen: 4.615 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 94 Resp: 102514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.3 | 7.0 | 47.0 |
| 66 | 38.6 | 14.5 | 54.5 |



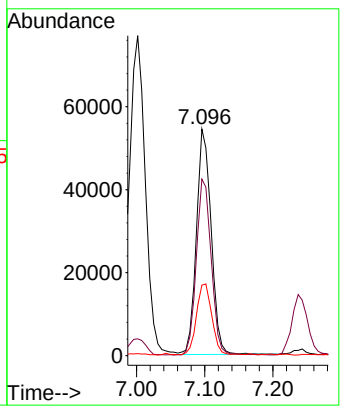


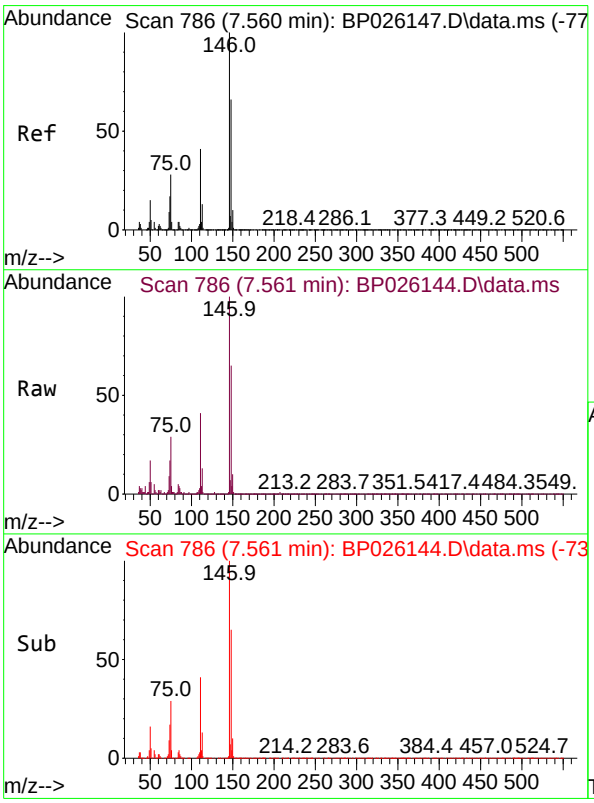

#11
bis(2-Chloroethyl)ether
Concen: 4.649 ng
RT: 7.096 min Scan# 7(
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 93 Resp: 81759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.9 | 58.8 | 98.8 |
| 95 | 31.1 | 12.1 | 52.1 |

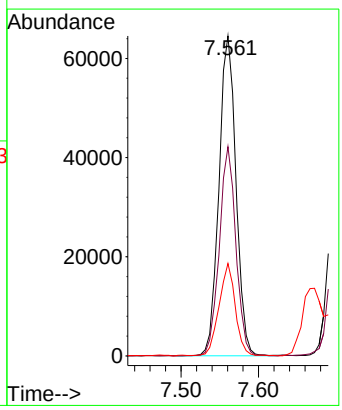


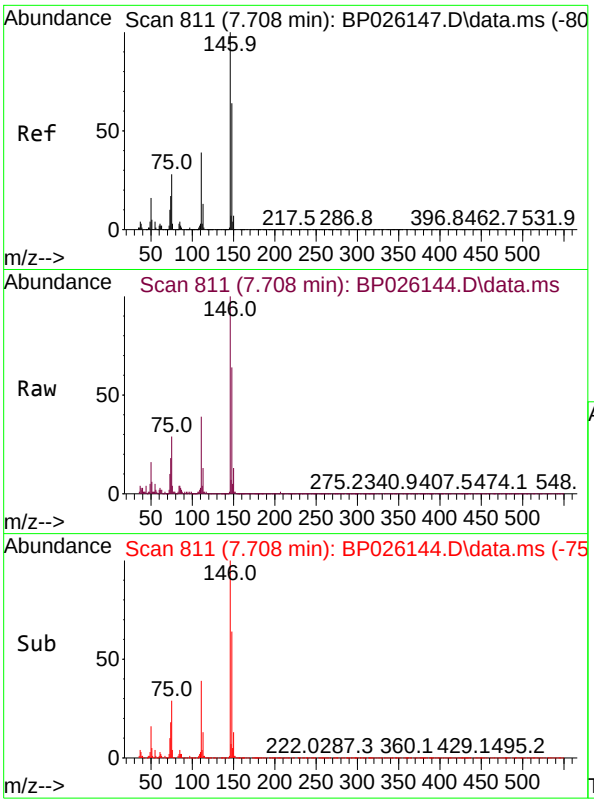




#12
1,3-Dichlorobenzene
Concen: 4.925 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:146 Resp: 98674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 51.8 | 77.8 |
| 75 | 28.9 | 22.2 | 33.2 |



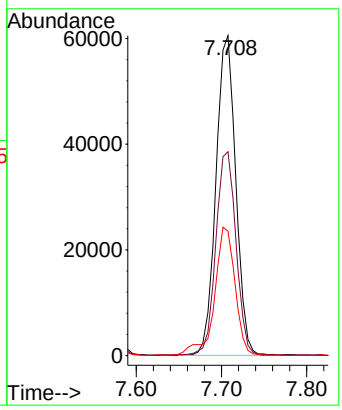


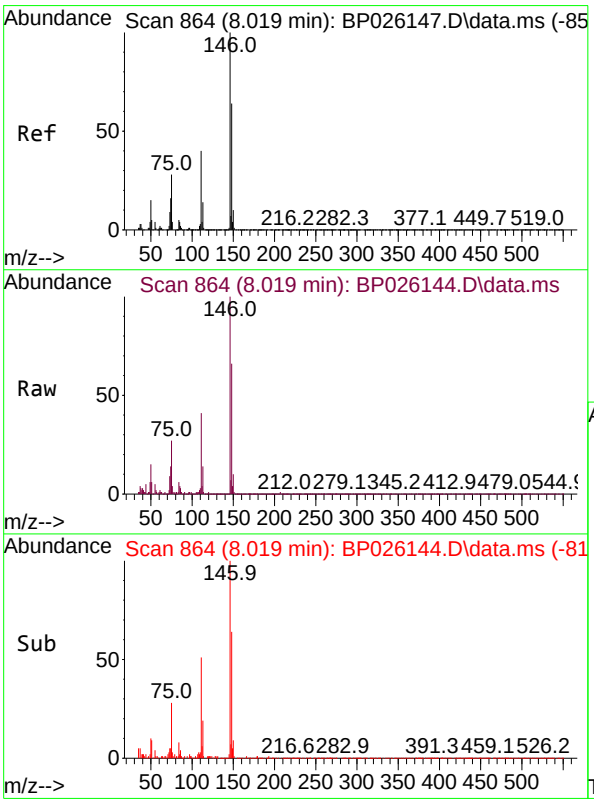

#13
1,4-Dichlorobenzene
Concen: 4.815 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:146 Resp: 97655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.4 | 77.2 |
| 111 | 38.9 | 31.7 | 47.5 |

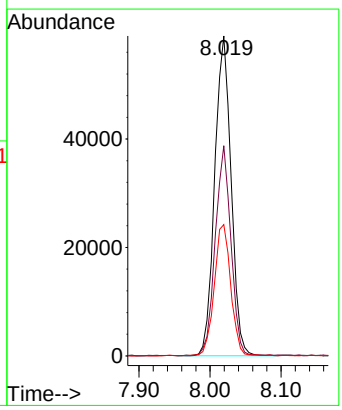


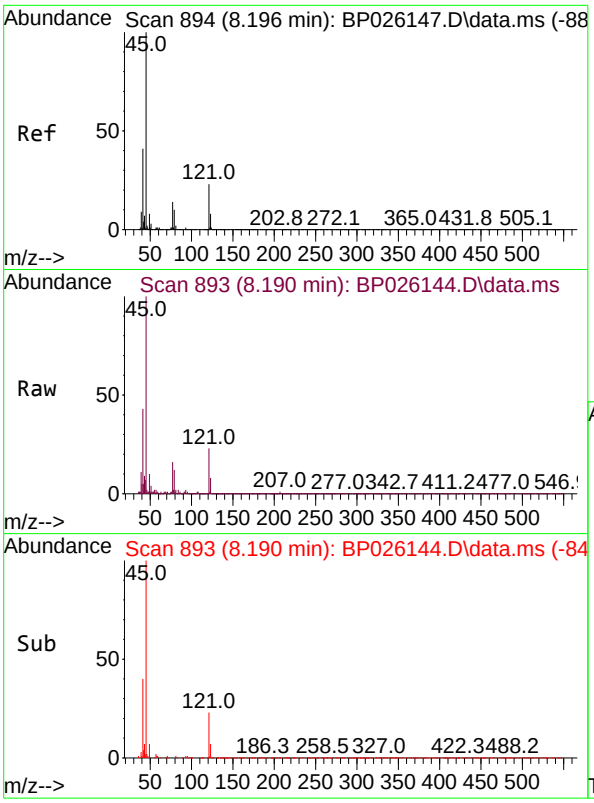




#14
1,2-Dichlorobenzene
Concen: 4.899 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:146 Resp: 94897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 51.0 | 76.6 |
| 111 | 41.0 | 33.0 | 49.4 |



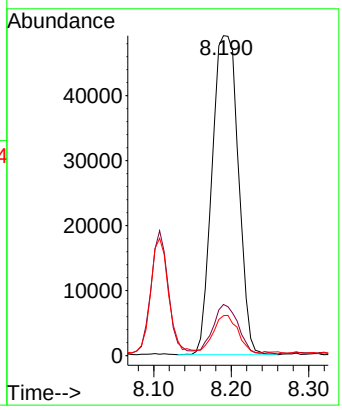


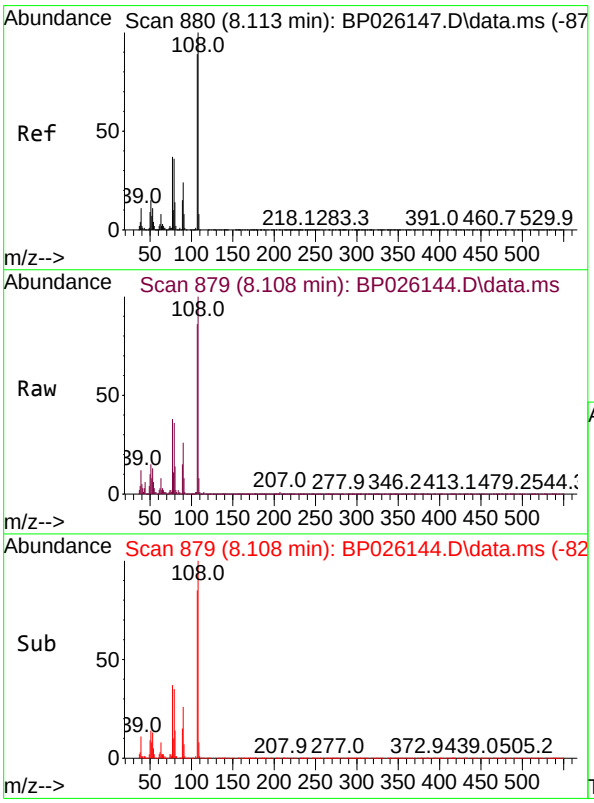

#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.387 ng
RT: 8.190 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 45 Resp: 115566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.0 | 0.0 | 33.9 |
| 79 | 12.5 | 0.0 | 30.4 |

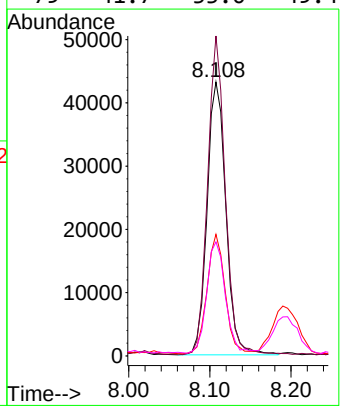


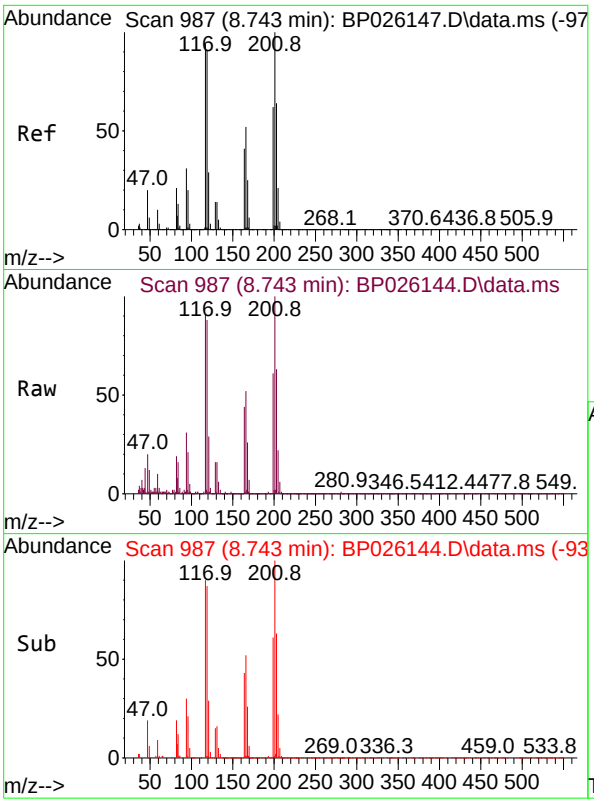




#17
2-Methylphenol
Concen: 4.771 ng
RT: 8.108 min Scan# 879
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:107 Resp: 69679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 116.9 | 89.7 | 134.5 |
| 77 | 44.4 | 33.9 | 50.9 |
| 79 | 41.7 | 33.0 | 49.4 |



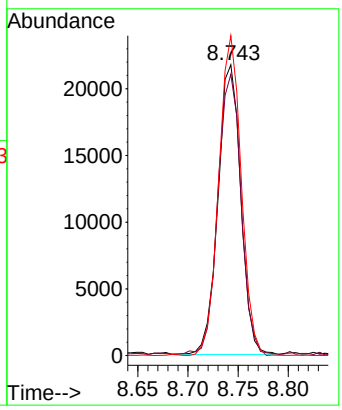


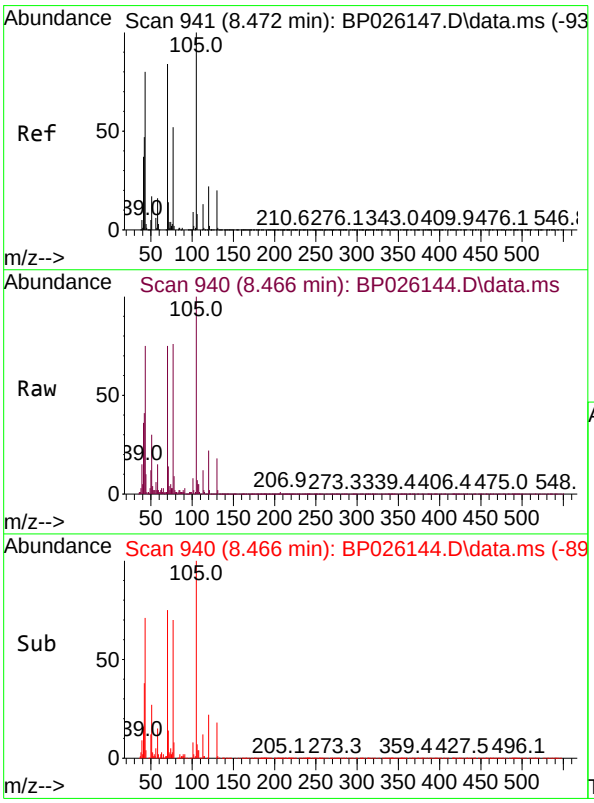

#18
Hexachloroethane
Concen: 4.908 ng
RT: 8.743 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:117 Resp: 34390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 78.7 | 118.1 |
| 201 | 110.0 | 85.1 | 127.7 |

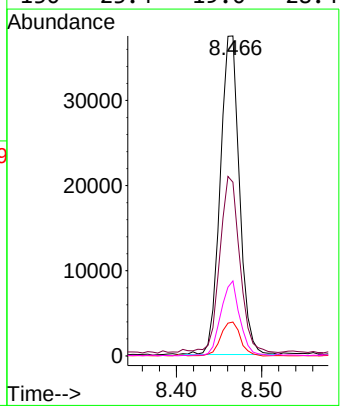


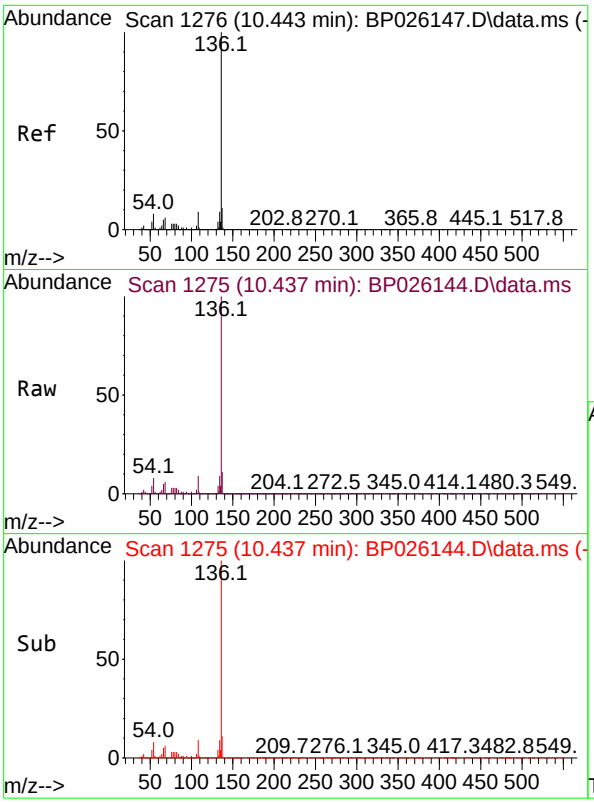




#19
n-Nitroso-di-n-propylamine
Concen: 4.718 ng
RT: 8.466 min Scan# 940
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 70 Resp: 58743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.3 | 44.1 | 66.1 |
| 101 | 10.6 | 8.2 | 12.4 |
| 130 | 23.4 | 19.0 | 28.4 |



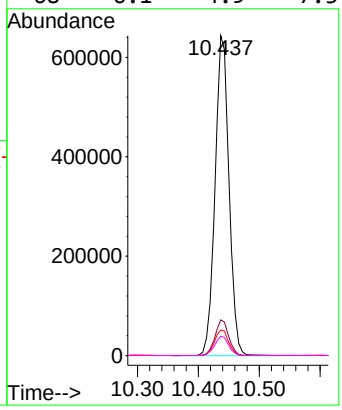


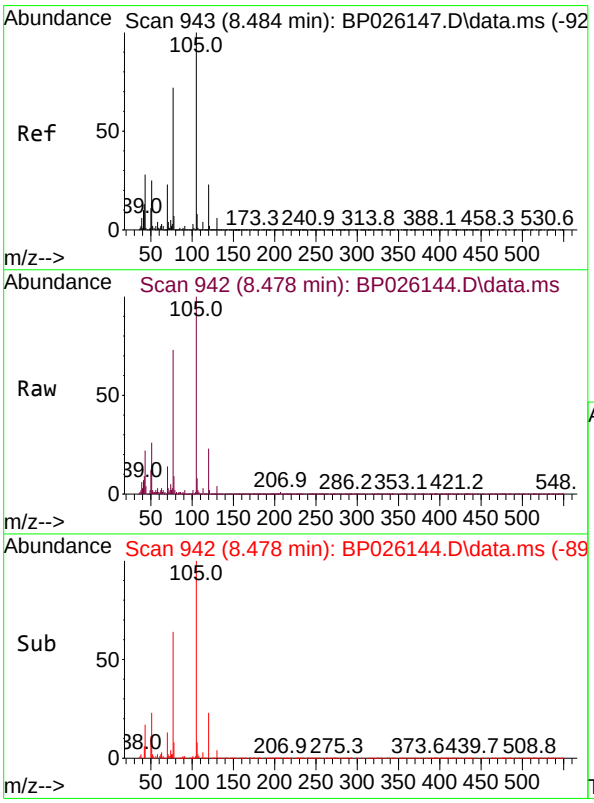

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:136 Resp: 1023584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.7 | 13.1 |
| 54 | 8.0 | 6.4 | 9.6 |
| 68 | 6.1 | 4.9 | 7.3 |

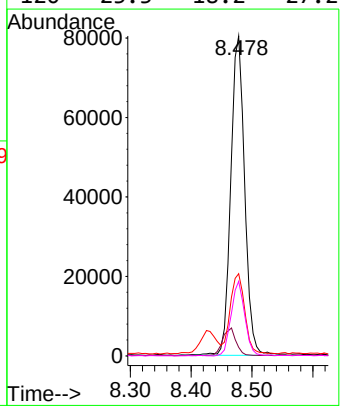


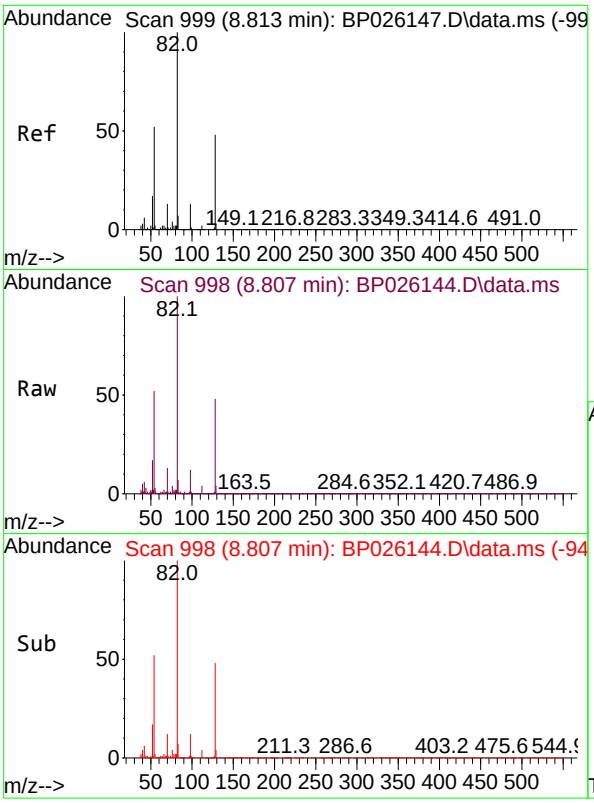




#22
Acetophenone
Concen: 4.927 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:105 Resp: 127156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.7 | 3.0 | 4.4# |
| 51 | 25.7 | 20.5 | 30.7 |
| 120 | 23.3 | 18.2 | 27.2 |



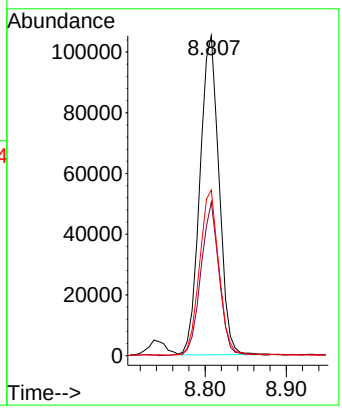


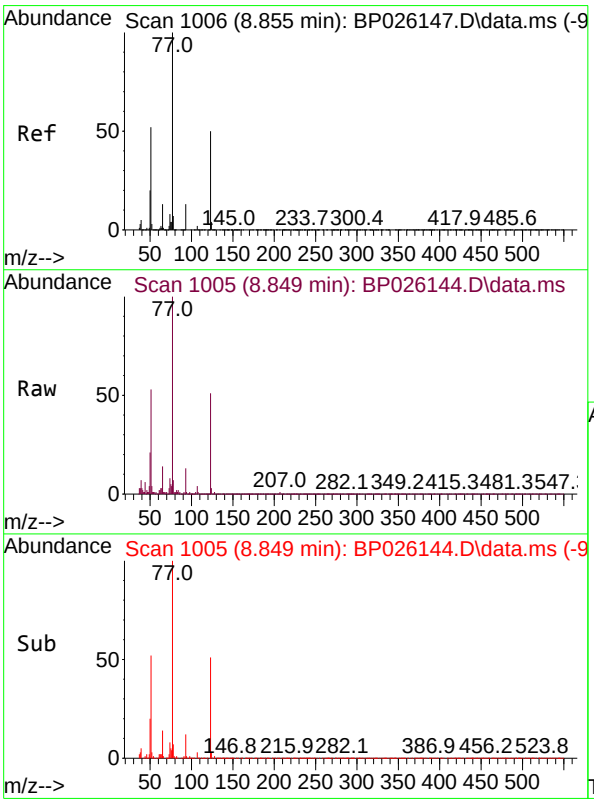

#23
Nitrobenzene-d5
Concen: 10.379 ng
RT: 8.807 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 82 Resp: 171702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.0 | 37.4 | 56.0 |
| 54 | 51.8 | 41.6 | 62.4 |

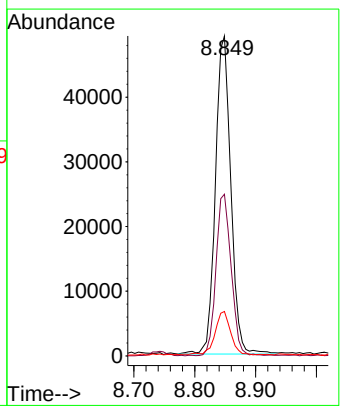


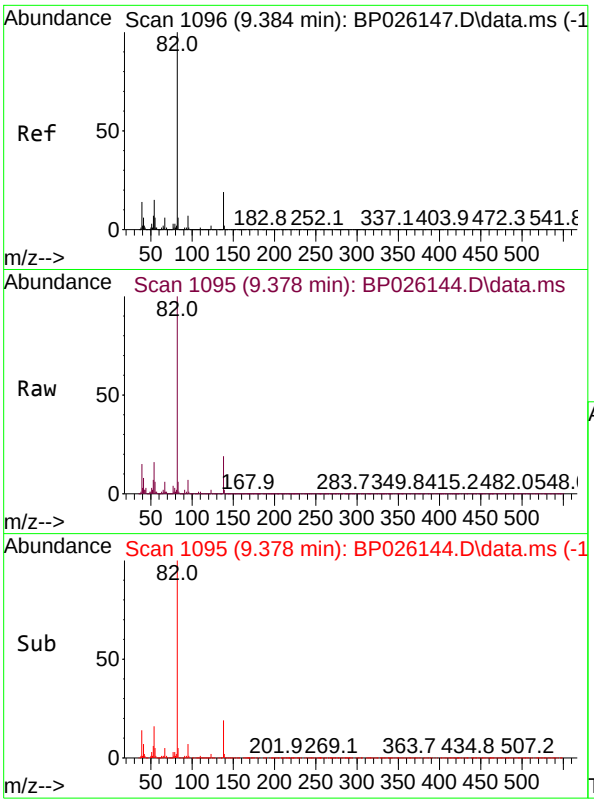




#24
Nitrobenzene
Concen: 5.006 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 77 Resp: 86731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.5 | 39.8 | 59.8 |
| 65 | 13.9 | 11.2 | 16.8 |



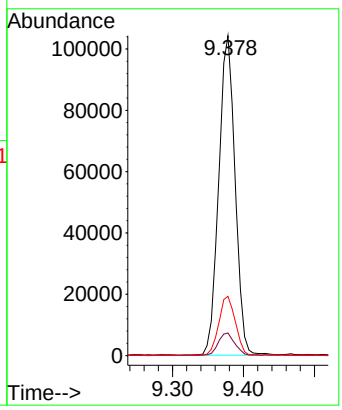


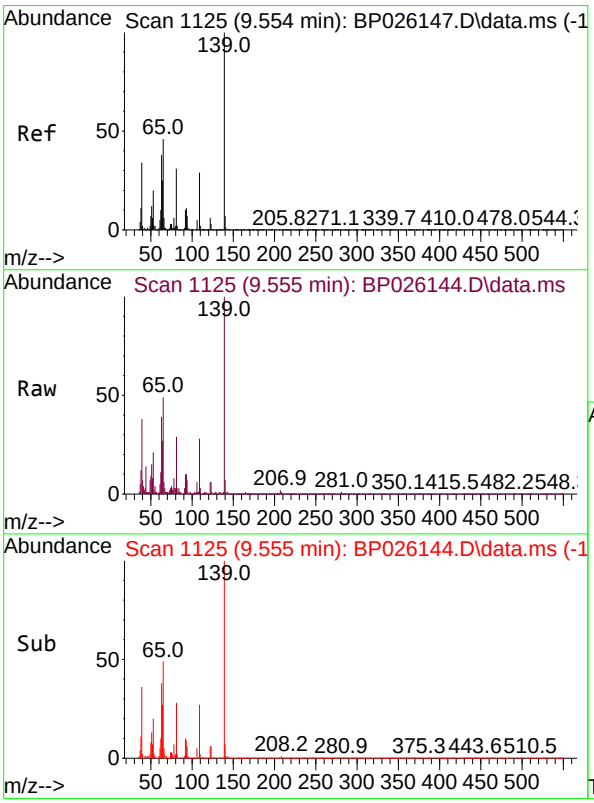

#25
Isophorone
Concen: 4.787 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 82 Resp: 167606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.0 |
| 138 | 18.5 | 15.4 | 23.0 |

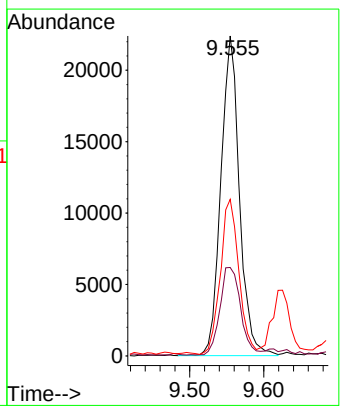


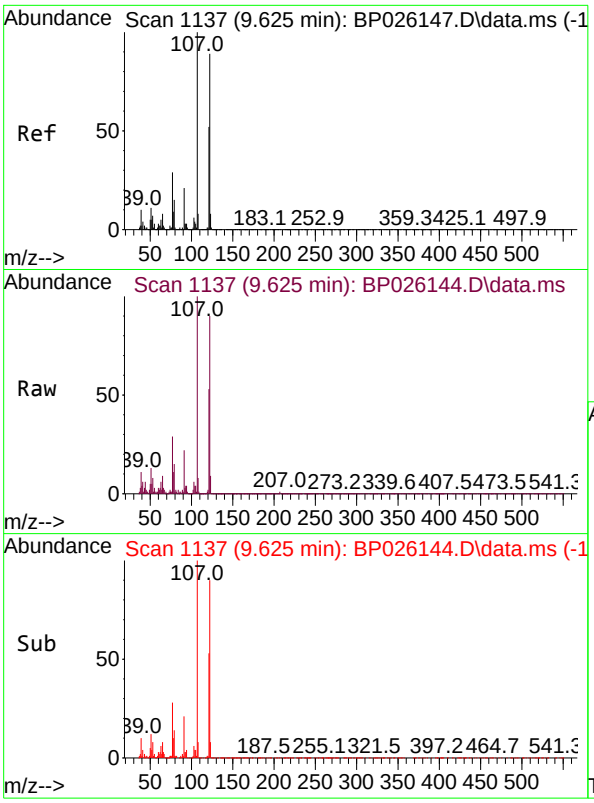




#26
2-Nitrophenol
Concen: 6.573 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:139 Resp: 38871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.6 | 22.3 | 33.5 |
| 65 | 48.9 | 37.2 | 55.8 |



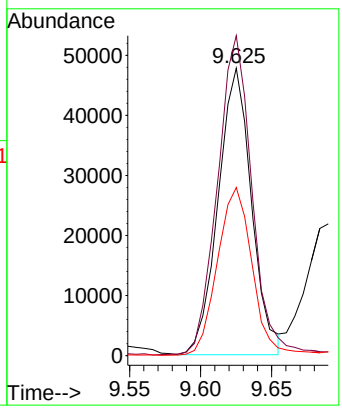


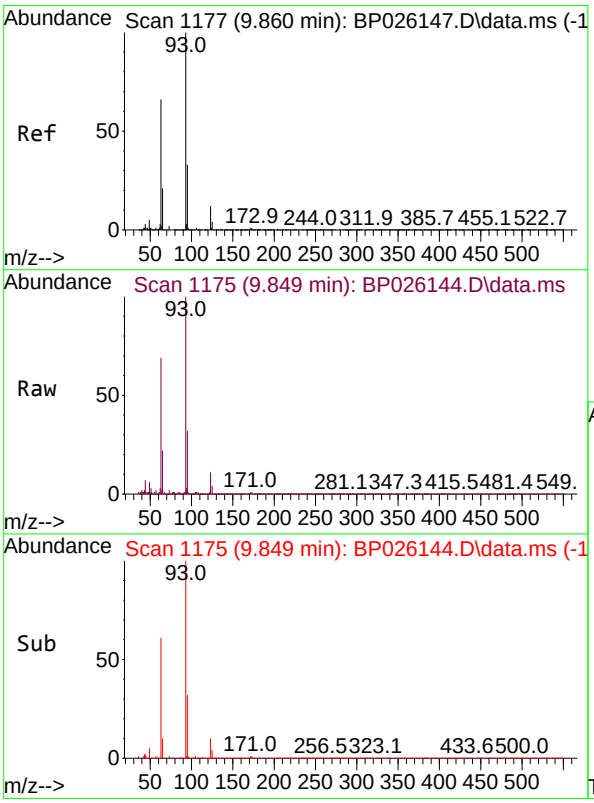

#27
2,4-Dimethylphenol
Concen: 5.220 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:122 Resp: 78015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.3 | 91.0 | 136.6 |
| 121 | 58.5 | 47.0 | 70.6 |

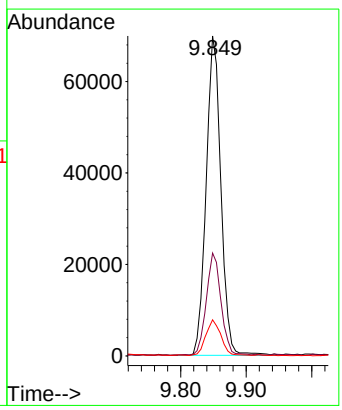


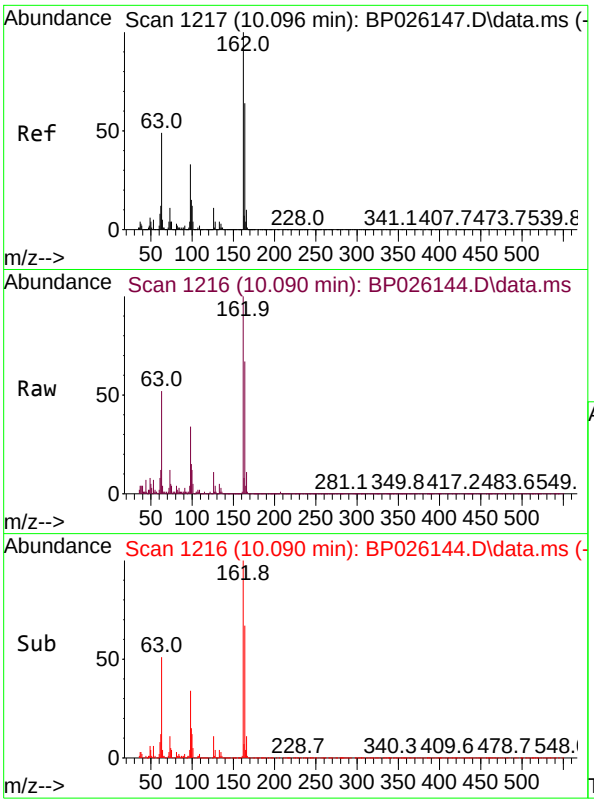




#28
bis(2-Chloroethoxy)methane
Concen: 4.925 ng
RT: 9.849 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 93 Resp: 108845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 26.4 | 39.6 |
| 123 | 11.3 | 9.4 | 14.0 |



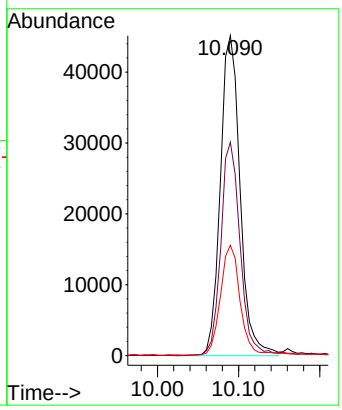


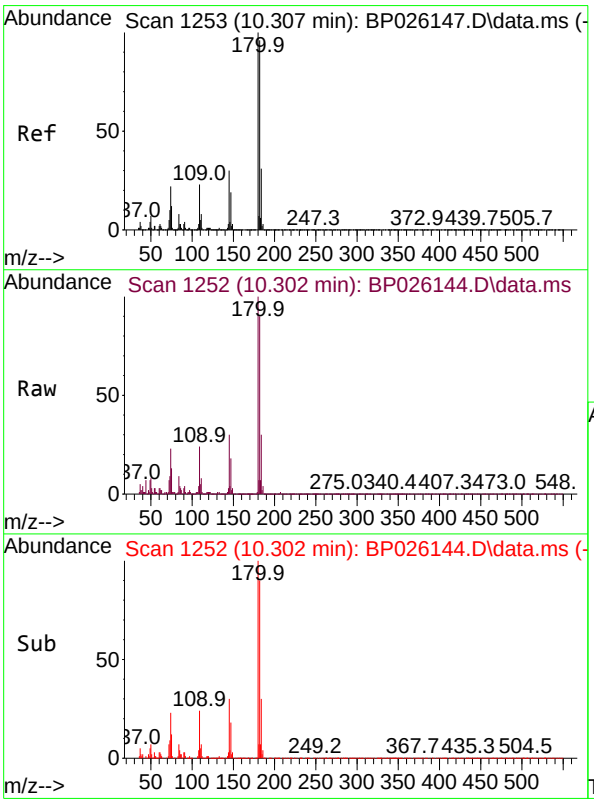

#29
2,4-Dichlorophenol
Concen: 4.893 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:162 Resp: 76304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.7 | 43.8 | 83.8 |
| 98 | 34.5 | 14.1 | 54.1 |

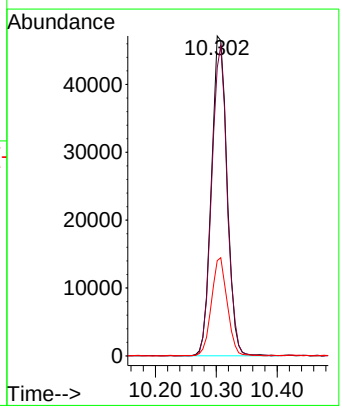


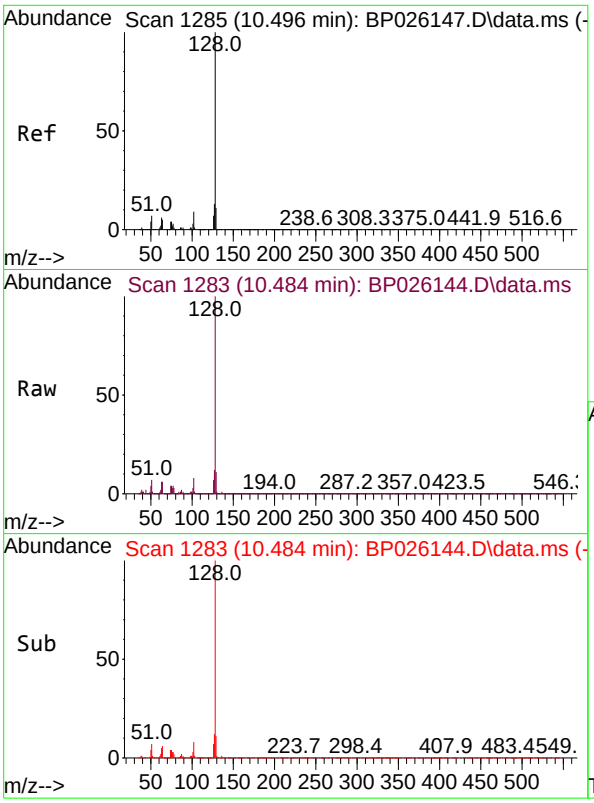




#30
1,2,4-Trichlorobenzene
Concen: 5.002 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:180 Resp: 84591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 90.1 | 78.1 | 117.1 |
| 145 | 29.8 | 24.2 | 36.4 |



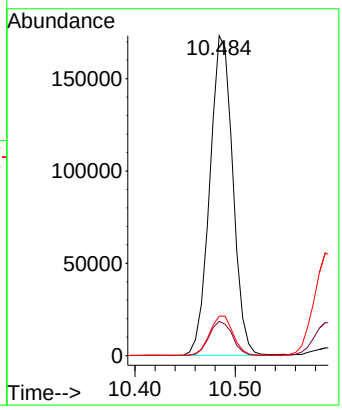


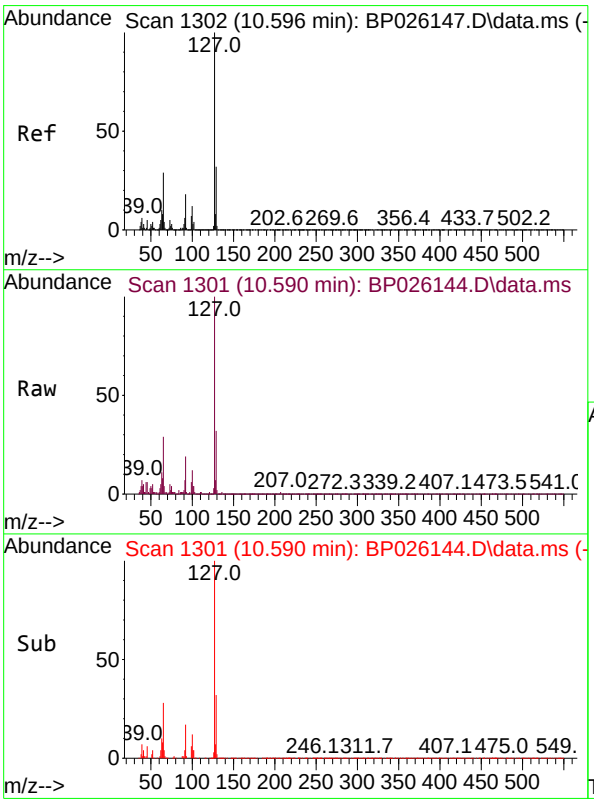

#31
Naphthalene
Concen: 4.976 ng
RT: 10.484 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:128 Resp: 276491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.6 |
| 127 | 12.3 | 10.2 | 15.4 |

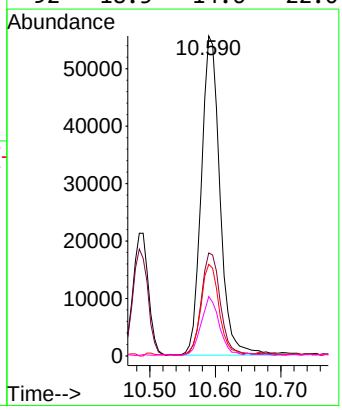


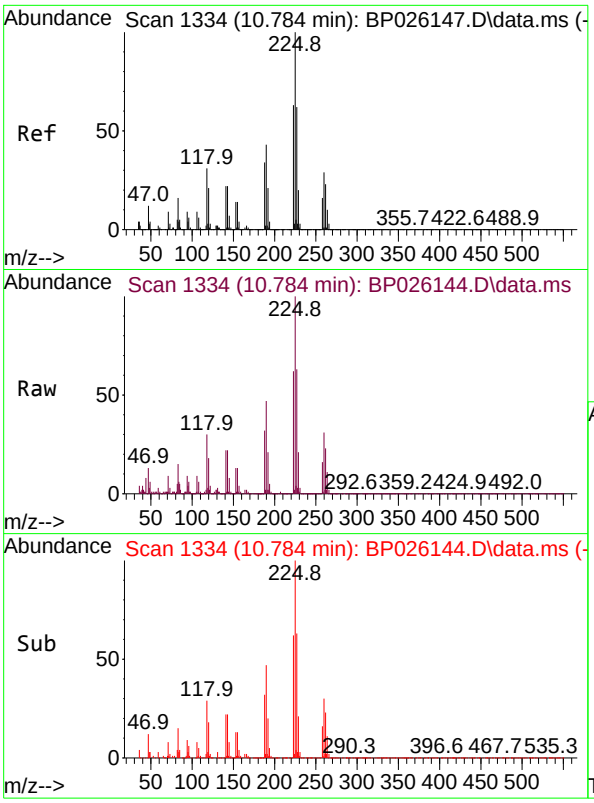




#33
4-Chloroaniline
Concen: 5.080 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:127 Resp: 109680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 25.8 | 38.8 |
| 65 | 28.6 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |



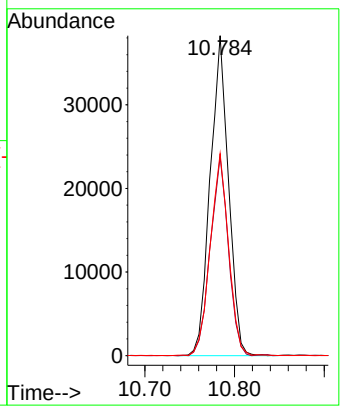


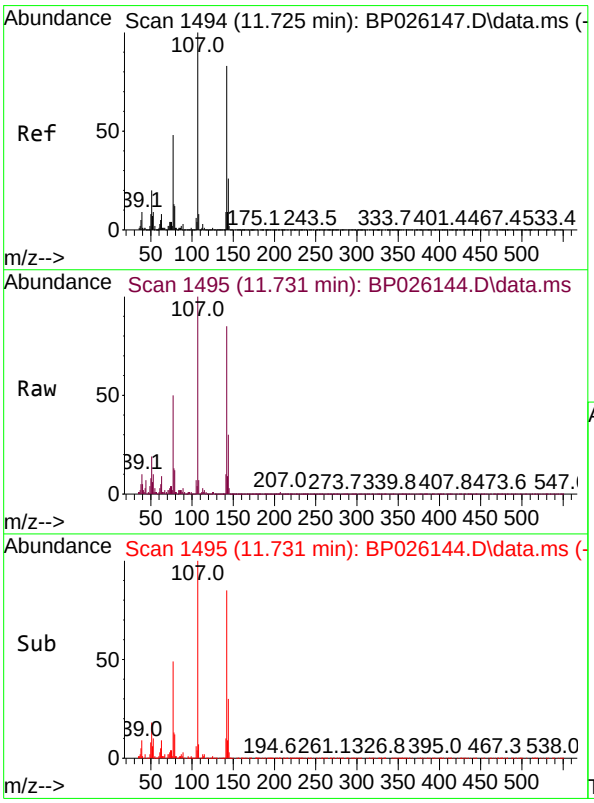

#34
Hexachlorobutadiene
Concen: 5.030 ng
RT: 10.784 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:225 Resp: 54446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 49.6 | 74.4 |
| 227 | 63.1 | 51.2 | 76.8 |

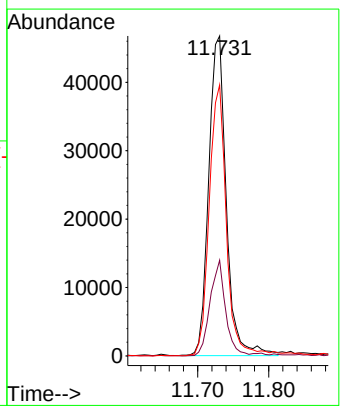


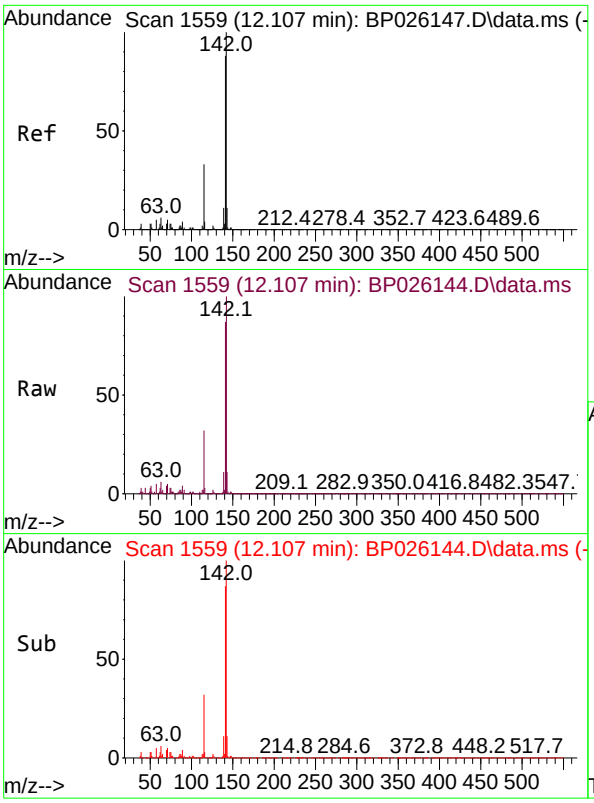




#36
4-Chloro-3-methylphenol
Concen: 4.924 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:107 Resp: 80314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.9 | 21.6 | 32.4 |
| 142 | 84.7 | 65.6 | 98.4 |



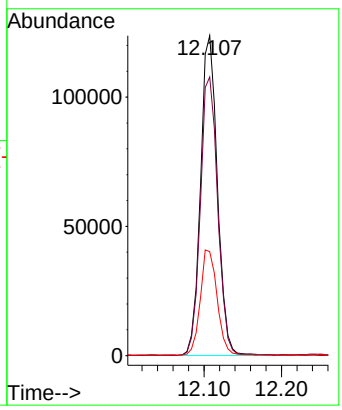


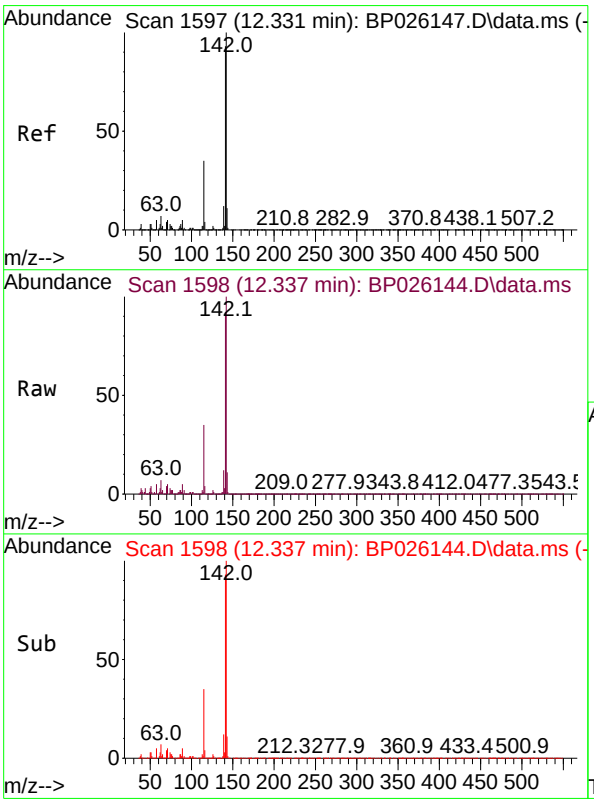

#37
2-Methylnaphthalene
Concen: 4.822 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:142 Resp: 187351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 71.0 | 106.6 |
| 115 | 32.5 | 26.6 | 39.8 |

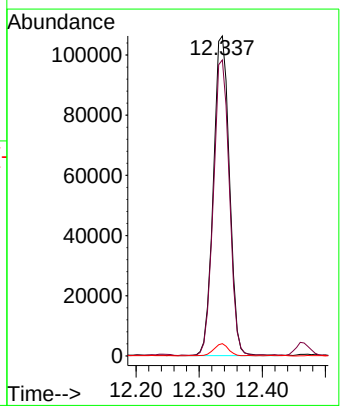


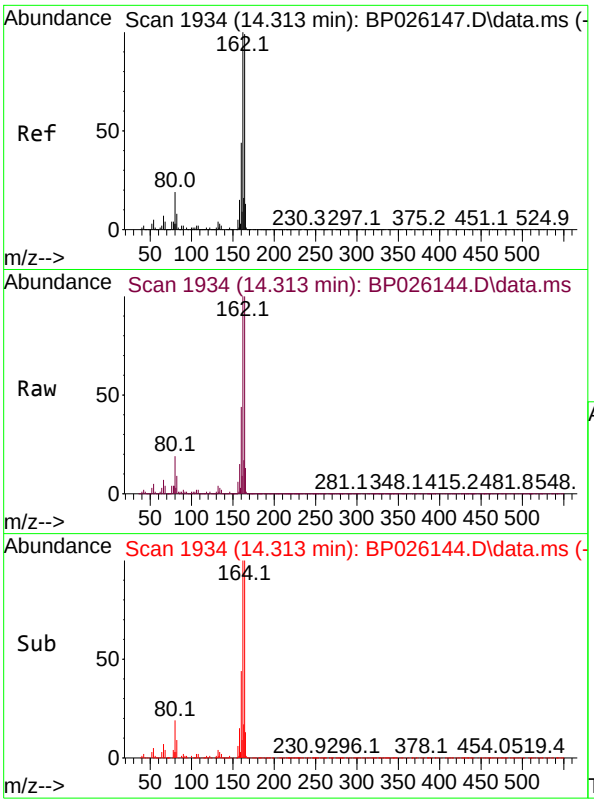




#38
1-Methylnaphthalene
Concen: 4.977 ng
RT: 12.337 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:142 Resp: 187981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.5 | 73.5 | 110.3 |
| 116 | 3.8 | 3.0 | 4.4 |



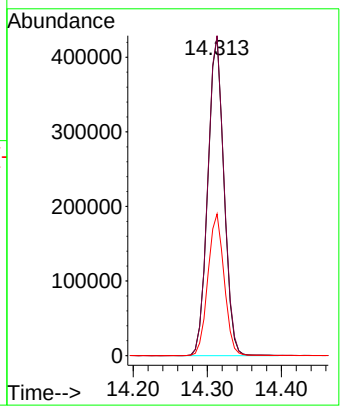


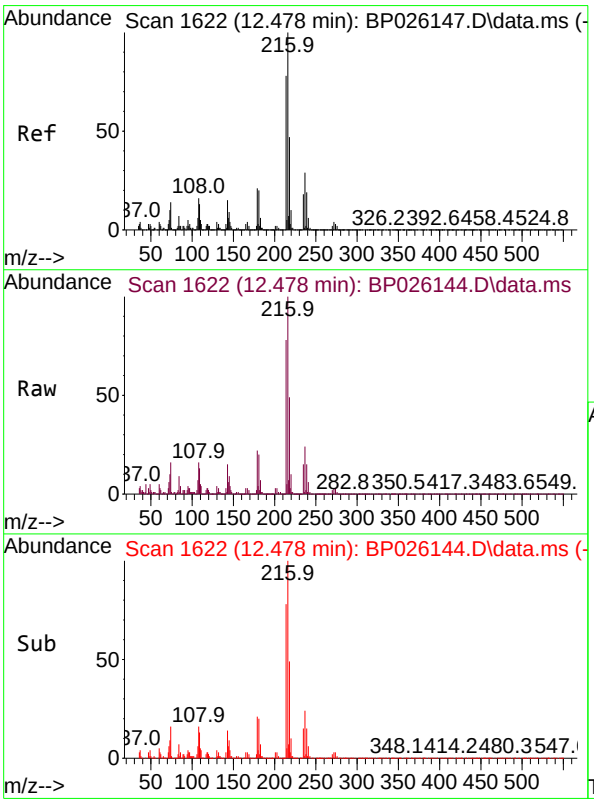

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:164 Resp: 643620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 80.3 | 120.5 |
| 160 | 44.4 | 35.2 | 52.8 |

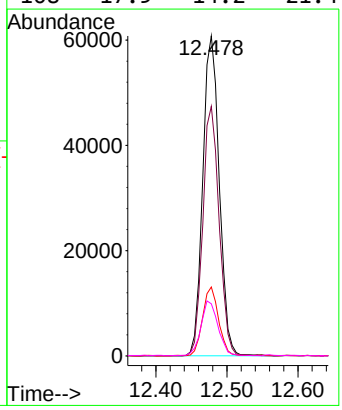


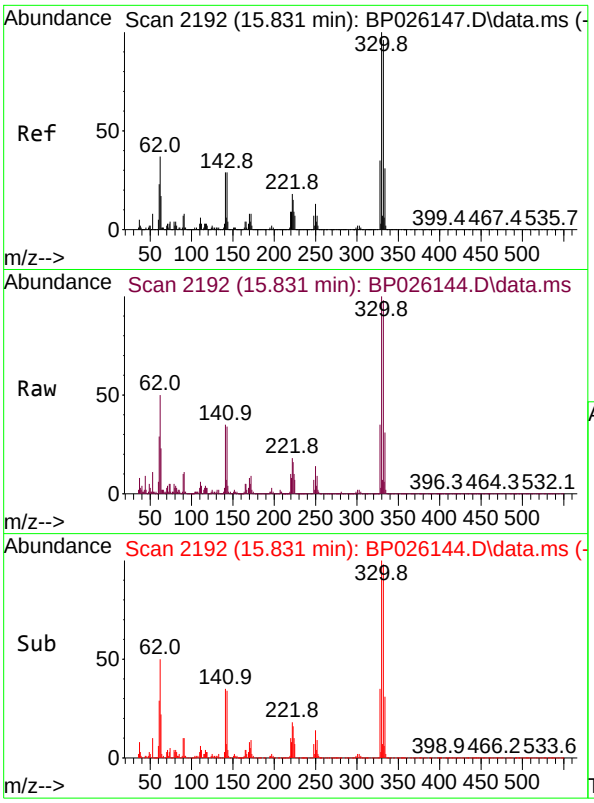




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.903 ng
RT: 12.478 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:216 Resp: 97644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.2 | 62.6 | 94.0 |
| 179 | 20.7 | 16.6 | 25.0 |
| 108 | 17.9 | 14.2 | 21.4 |



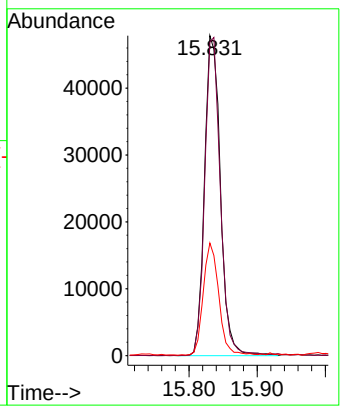


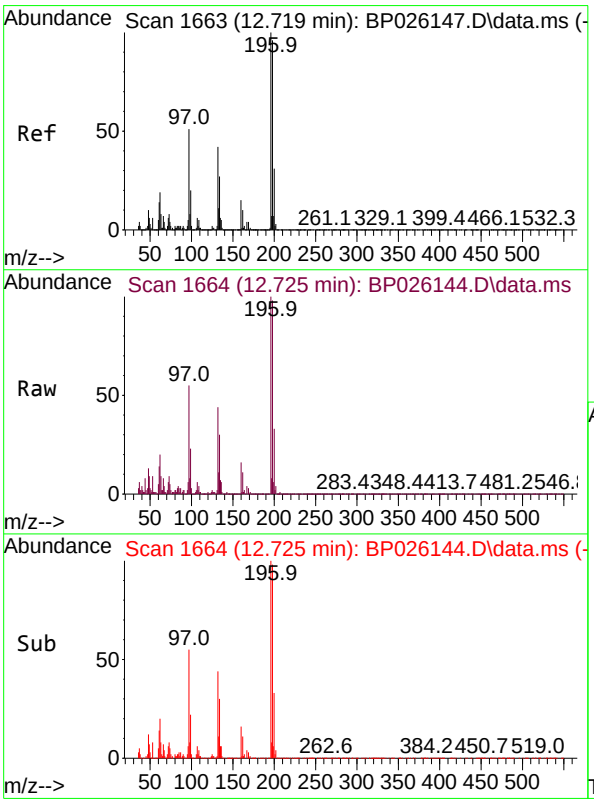

#42
2,4,6-Tribromophenol
Concen: 11.005 ng
RT: 15.831 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:330 Resp: 77590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 78.0 | 117.0 |
| 141 | 34.4 | 26.8 | 40.2 |

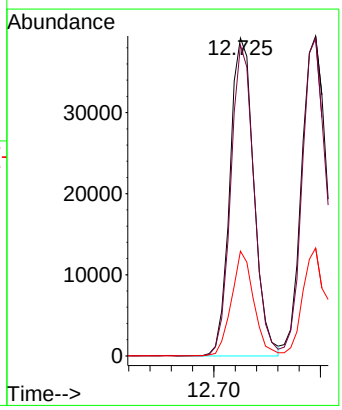


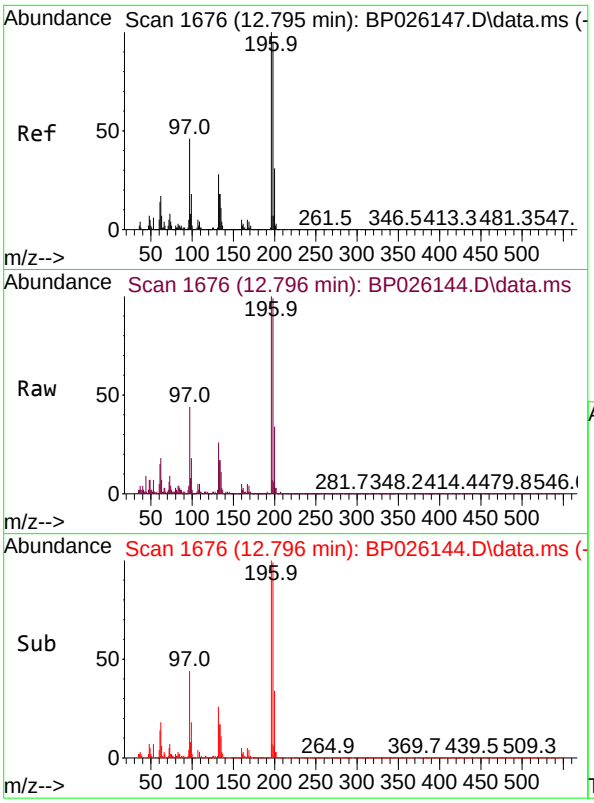




#43
2,4,6-Trichlorophenol
Concen: 5.131 ng
RT: 12.725 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:196 Resp: 61137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.8 | 76.9 | 115.3 |
| 200 | 33.0 | 24.6 | 37.0 |



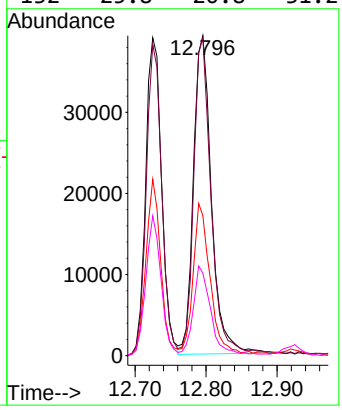


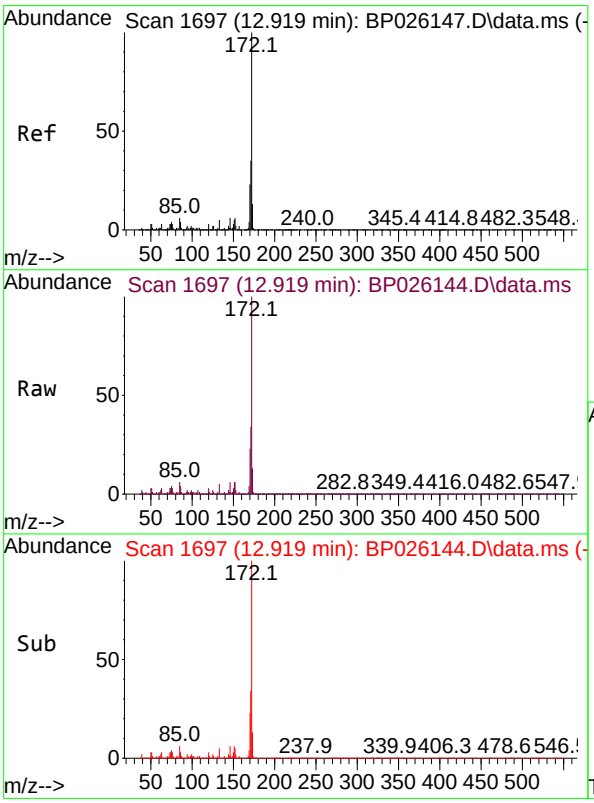

#44
2,4,5-Trichlorophenol
Concen: 5.093 ng
RT: 12.796 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:196 Resp: 68937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.2 | 76.4 | 114.6 |
| 97 | 43.8 | 35.7 | 53.5 |
| 132 | 25.8 | 20.8 | 31.2 |

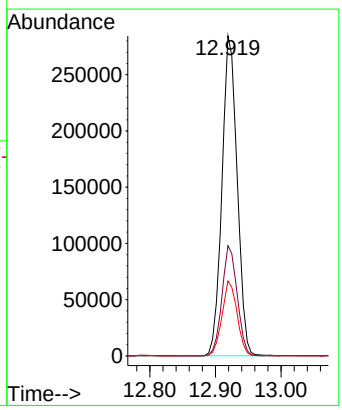


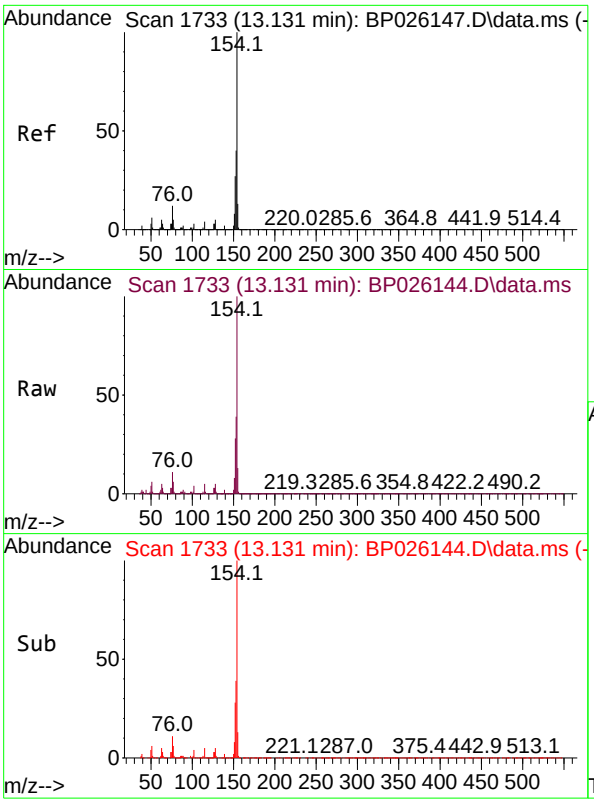




#45
2-Fluorobiphenyl
Concen: 10.313 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:172 Resp: 460038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.2 | 42.4 |
| 170 | 23.4 | 18.7 | 28.1 |



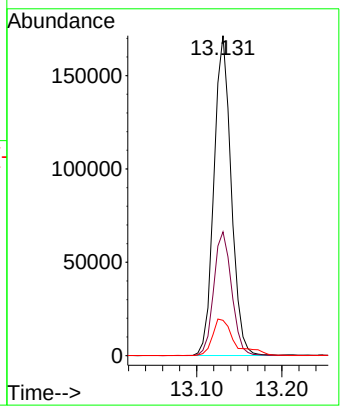


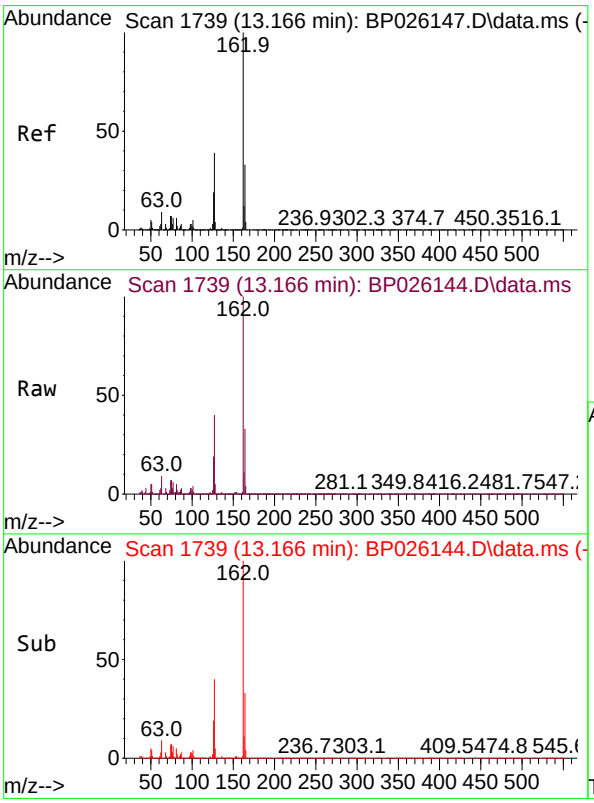

#46
1,1'-Biphenyl
Concen: 4.917 ng
RT: 13.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:154 Resp: 241240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.7 | 20.3 | 60.3 |
| 76 | 11.0 | 0.0 | 32.3 |

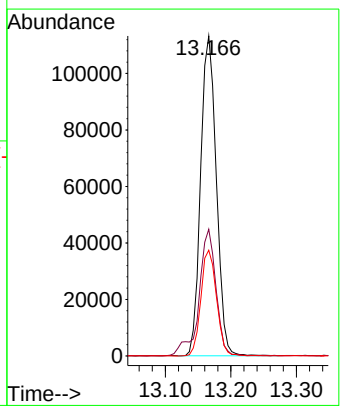


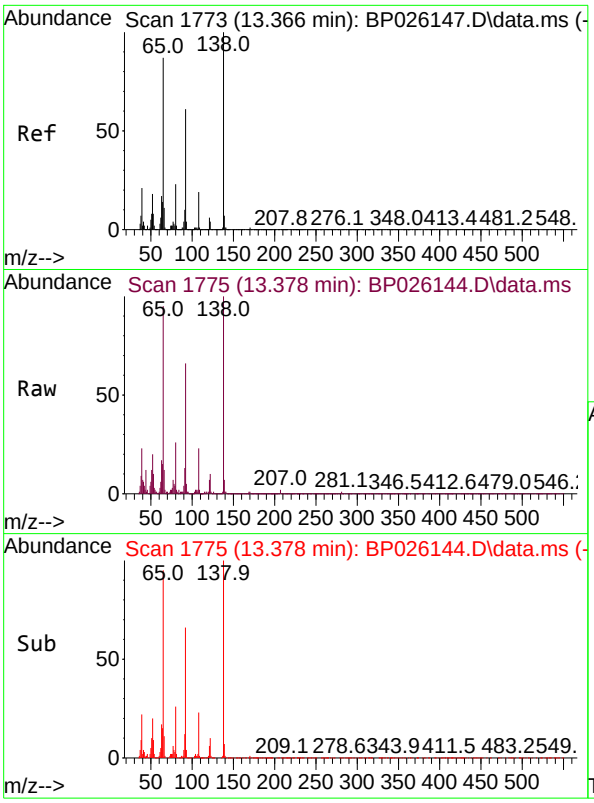




#47
2-Chloronaphthalene
Concen: 4.870 ng
RT: 13.166 min Scan# 1739
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:162 Resp: 187850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.6 | 30.9 | 46.3 |
| 164 | 33.0 | 26.4 | 39.6 |



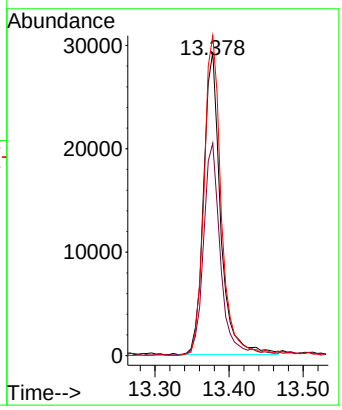


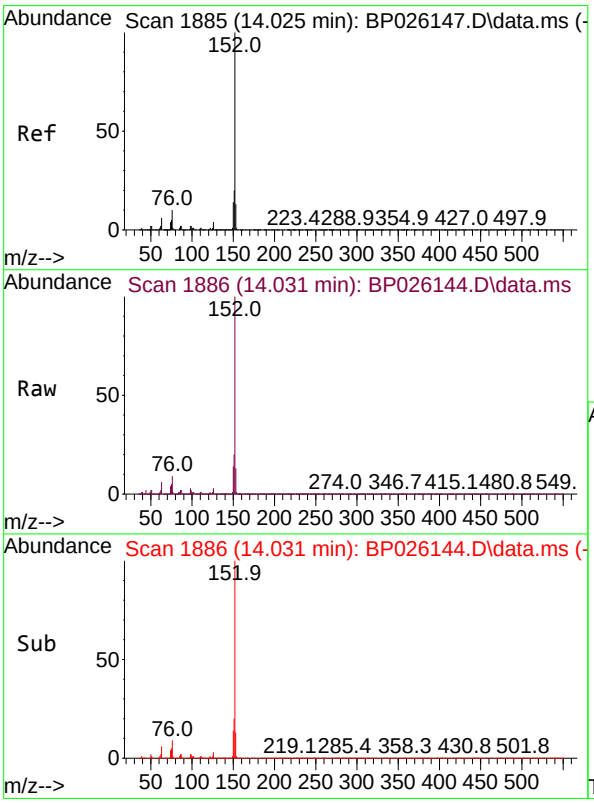

#48
2-Nitroaniline
Concen: 5.239 ng
RT: 13.378 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion: 65 Resp: 46485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.0 | 59.1 | 88.7 |
| 138 | 105.4 | 96.6 | 145.0 |

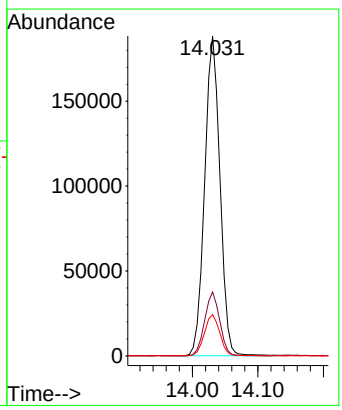


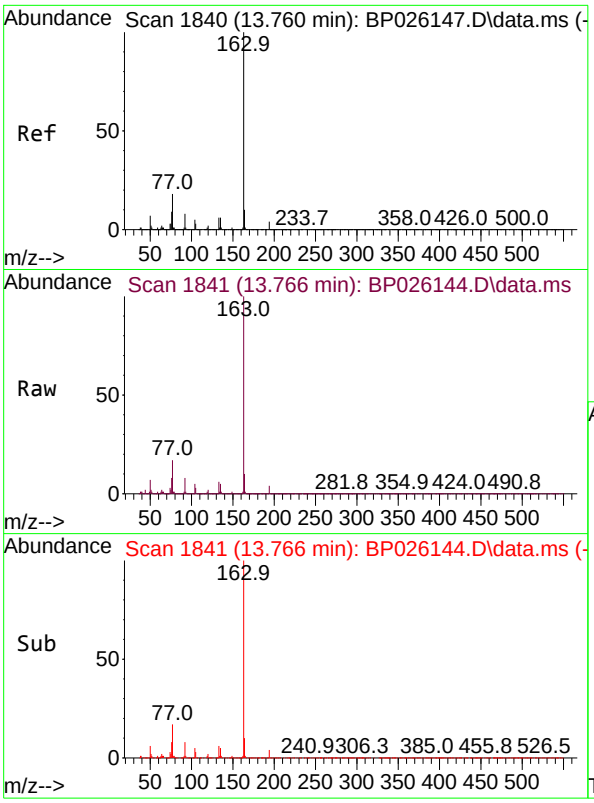




#49
Acenaphthylene
Concen: 5.334 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:152 Resp: 304102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 12.9 | 10.6 | 16.0 |



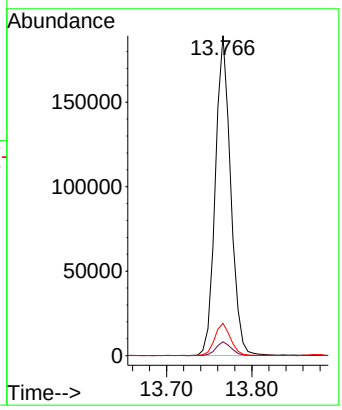


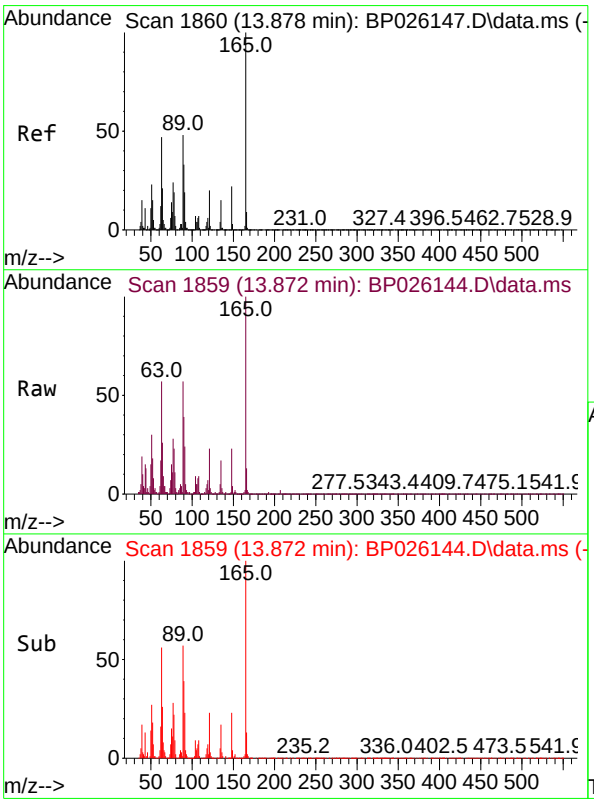

#50
Dimethylphthalate
Concen: 5.077 ng
RT: 13.766 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:163 Resp: 236591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.3 | 4.9 |
| 164 | 10.1 | 8.2 | 12.2 |

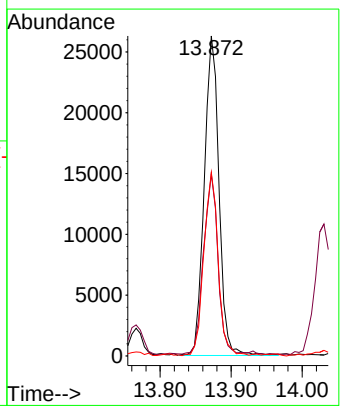


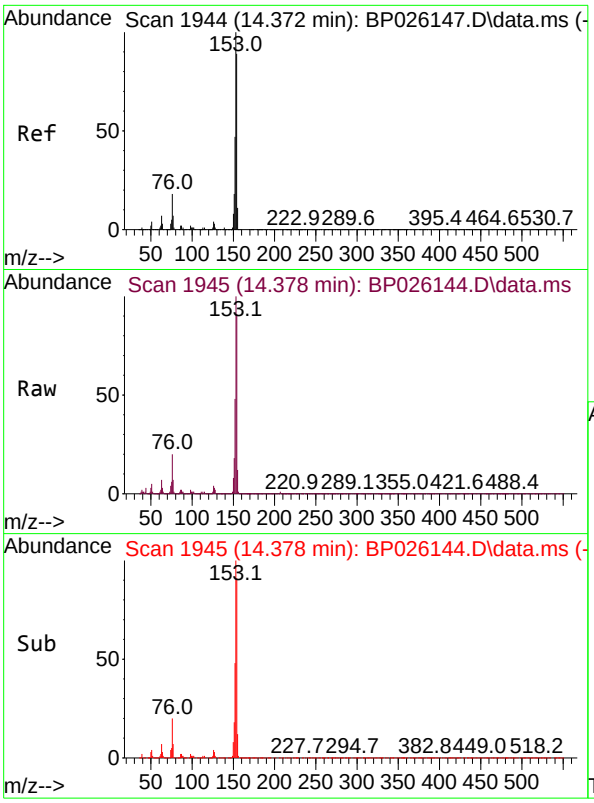




#51
2,6-Dinitrotoluene
Concen: 4.835 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 37885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.8 | 40.5 | 60.7 |
| 89 | 57.3 | 41.3 | 61.9 |



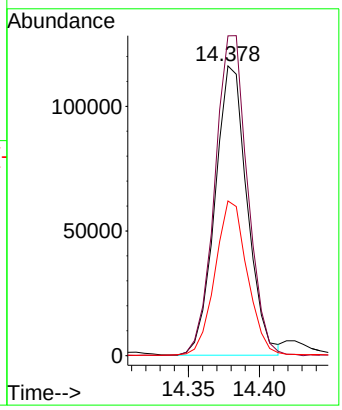


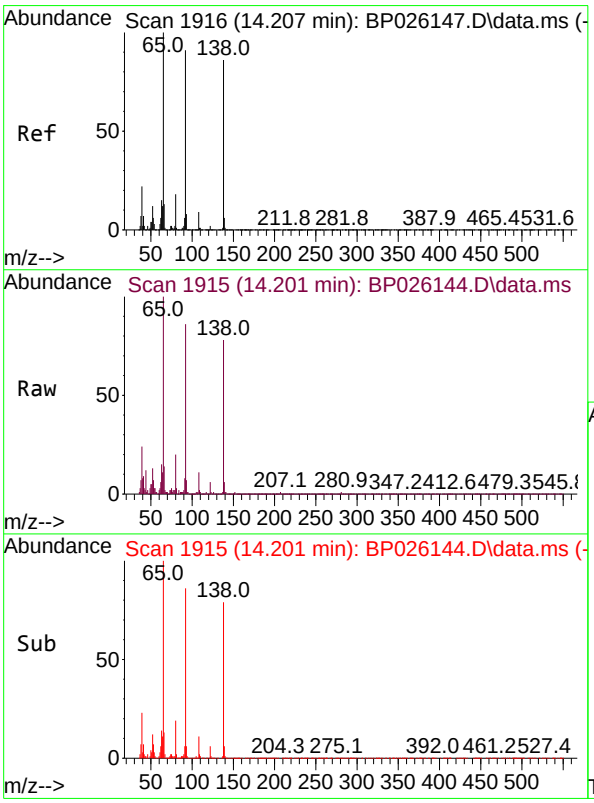

#52
Acenaphthene
Concen: 4.803 ng
RT: 14.378 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:154 Resp: 183221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.3 | 90.7 | 136.1 |
| 152 | 53.4 | 42.8 | 64.2 |

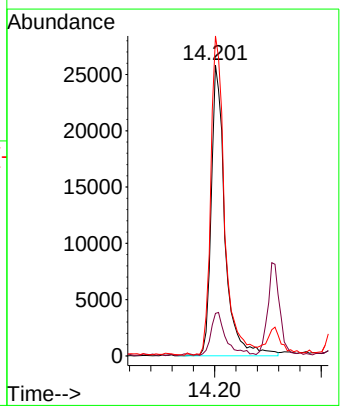


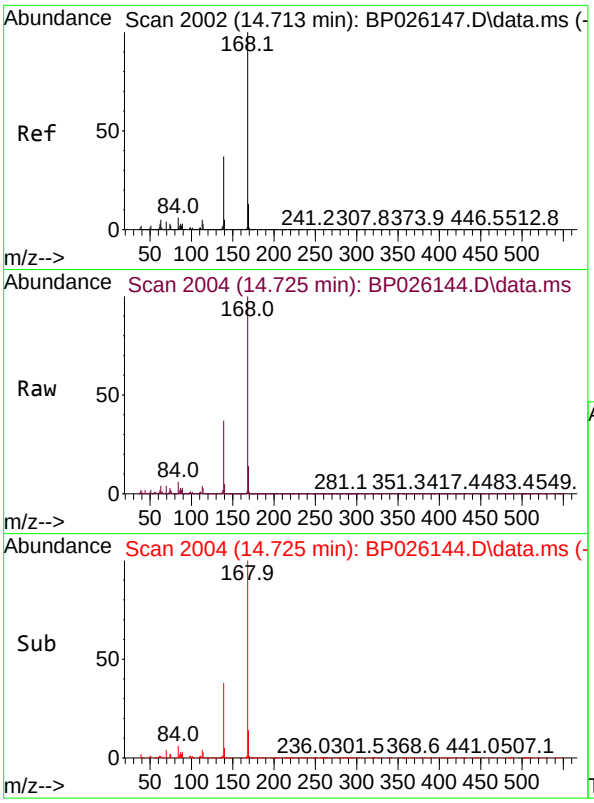




#53
3-Nitroaniline
Concen: 4.861 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:138 Resp: 46080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.6 | 8.9 | 13.3# |
| 92 | 110.1 | 86.3 | 129.5 |



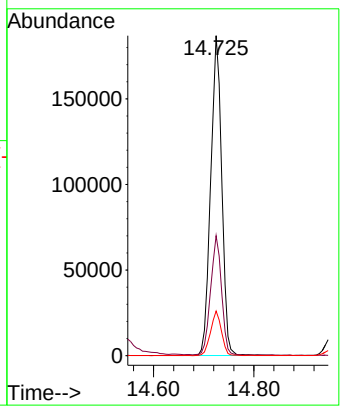


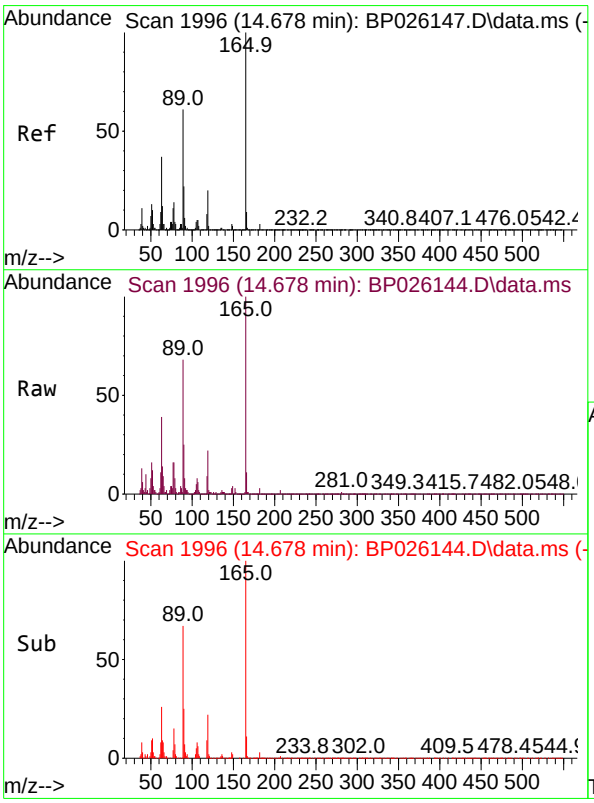

#55
Dibenzofuran
Concen: 4.928 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:168 Resp: 286273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.5 | 29.8 | 44.6 |
| 169 | 14.0 | 10.9 | 16.3 |

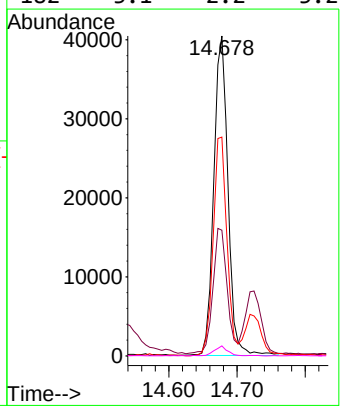


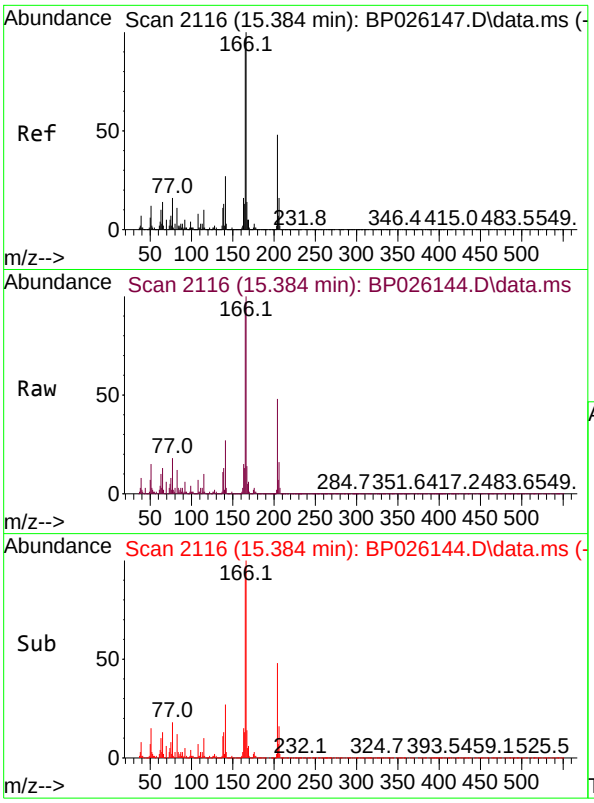




#57
2,4-Dinitrotoluene
Concen: 5.089 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 58186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.3 | 31.0 | 46.6 |
| 89 | 68.4 | 51.7 | 77.5 |
| 182 | 3.1 | 2.2 | 3.2 |



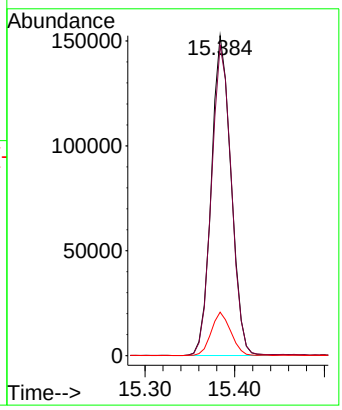


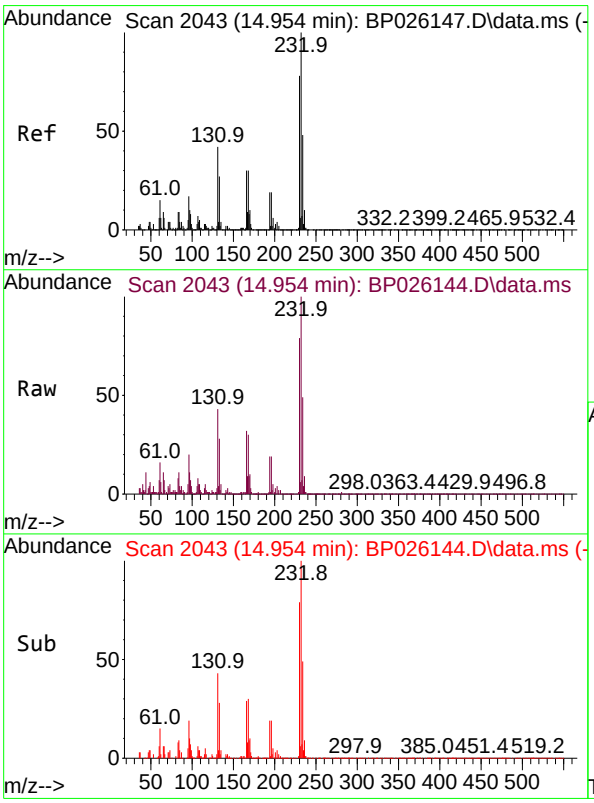

#58
Fluorene
Concen: 5.102 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:166 Resp: 232855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 77.9 | 116.9 |
| 167 | 13.6 | 11.0 | 16.4 |

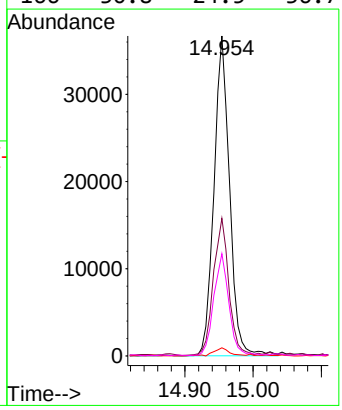


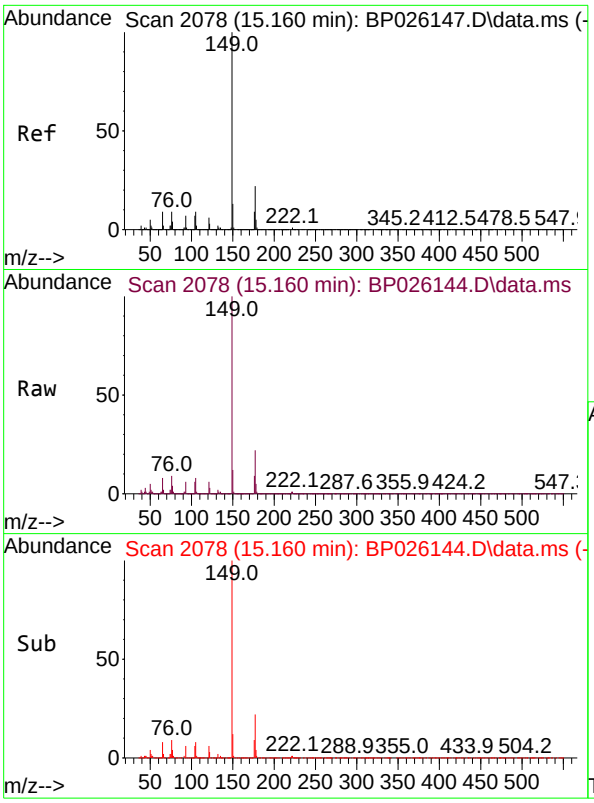




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.425 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:232 Resp: 58158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.5 | 34.8 | 52.2 |
| 130 | 2.6 | 1.8 | 2.8 |
| 166 | 30.8 | 24.5 | 36.7 |



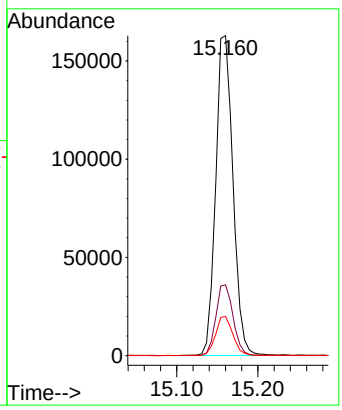


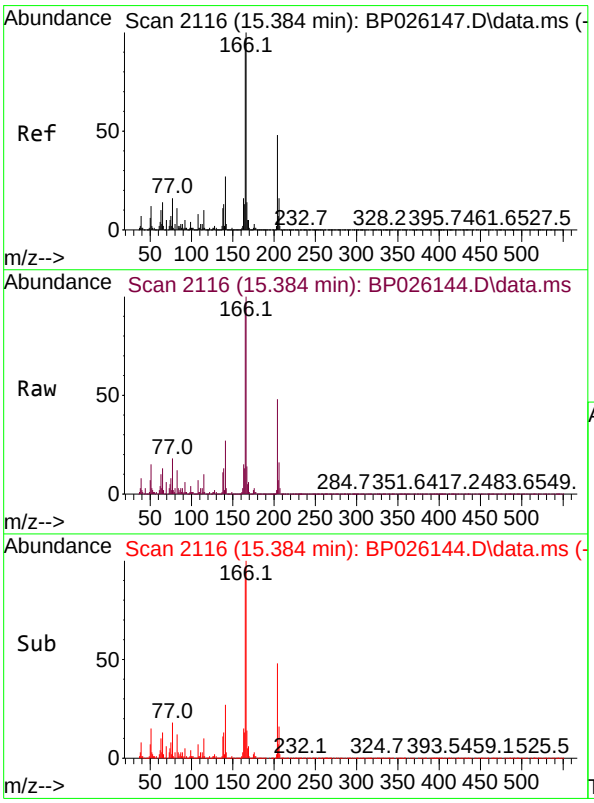

#60
Diethylphthalate
Concen: 5.123 ng
RT: 15.160 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:149 Resp: 240172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.9 | 26.9 |
| 150 | 12.2 | 9.9 | 14.9 |

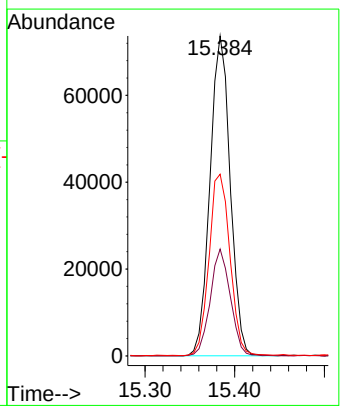


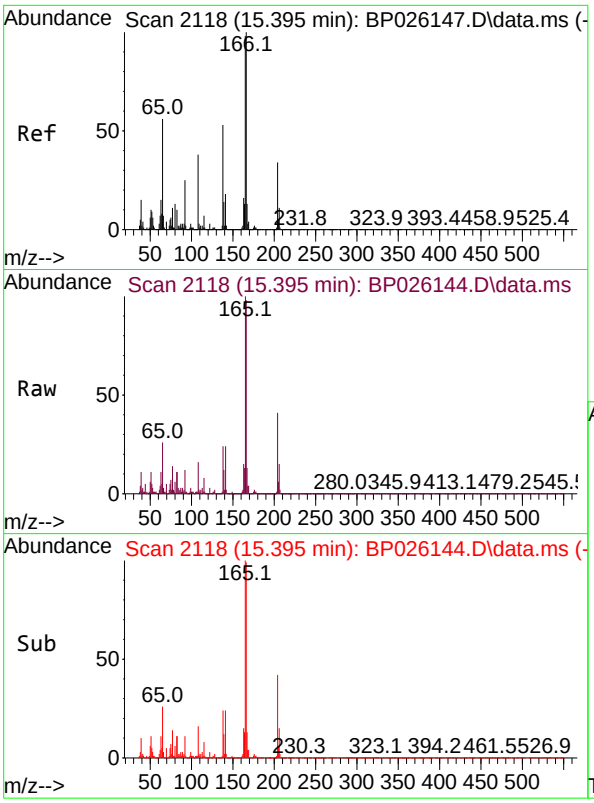




#61
4-Chlorophenyl-phenylether
Concen: 5.076 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:204 Resp: 115474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 26.2 | 39.2 |
| 141 | 56.8 | 48.1 | 72.1 |



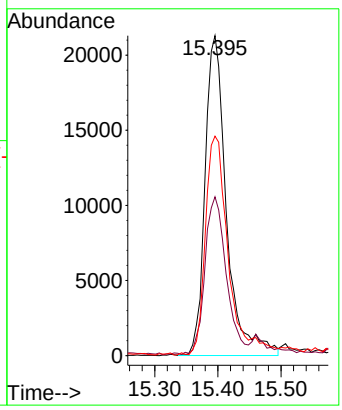


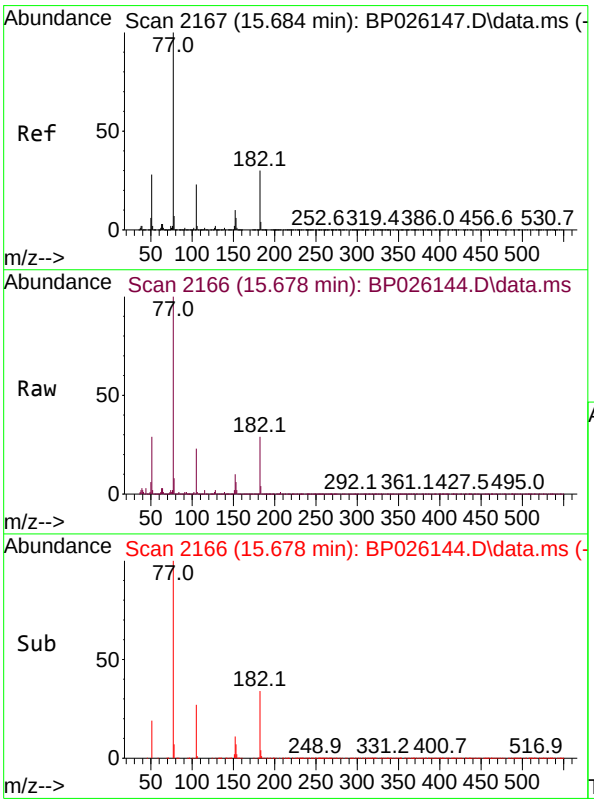

#62
4-Nitroaniline
Concen: 5.003 ng
RT: 15.395 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:138 Resp: 50292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.6 | 27.5 | 67.5 |
| 108 | 68.6 | 51.1 | 91.1 |

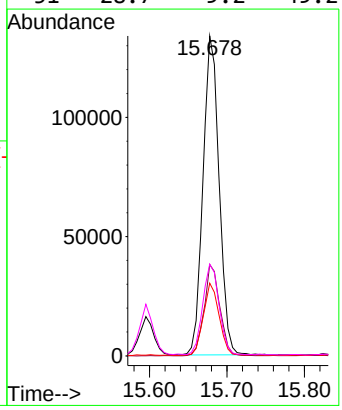


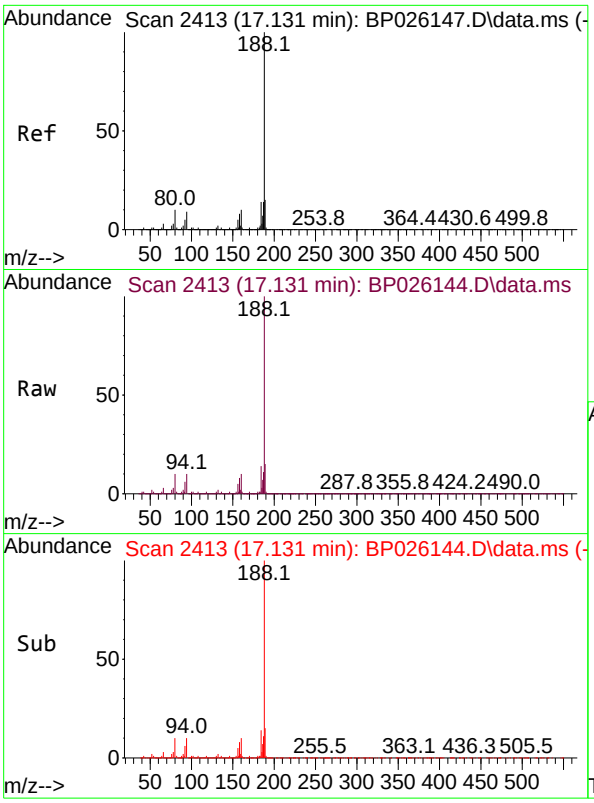




#63
Azobenzene
Concen: 4.580 ng
RT: 15.678 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 77 Resp: 193050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.5 | 8.8 | 48.8 |
| 105 | 22.7 | 2.6 | 42.6 |
| 51 | 28.7 | 9.2 | 49.2 |



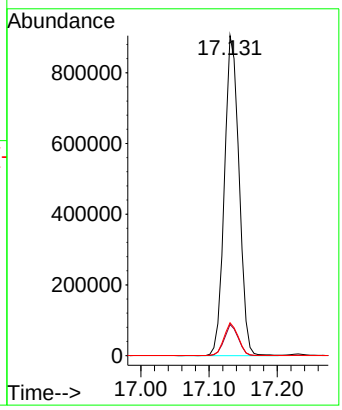


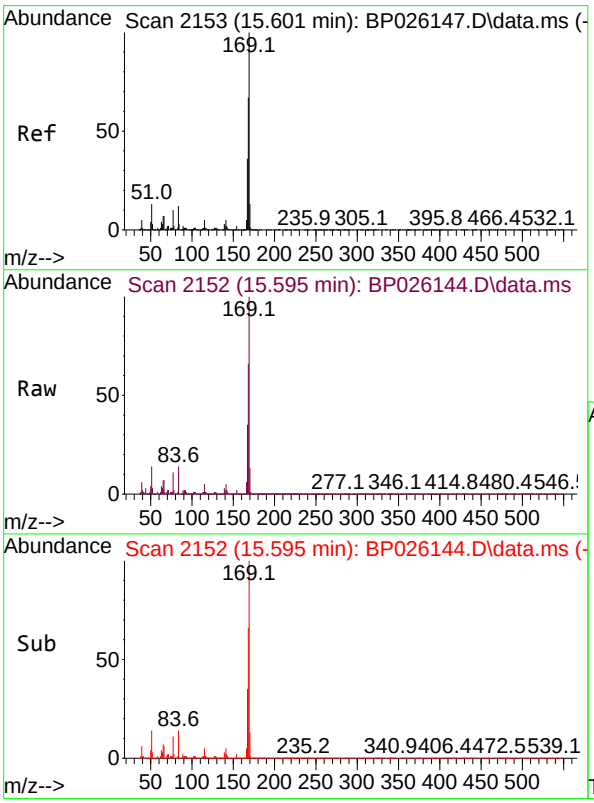

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:188 Resp: 1346698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.7 | 7.8 | 11.6 |
| 80 | 10.3 | 8.2 | 12.2 |

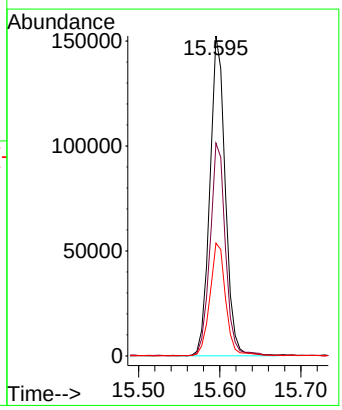


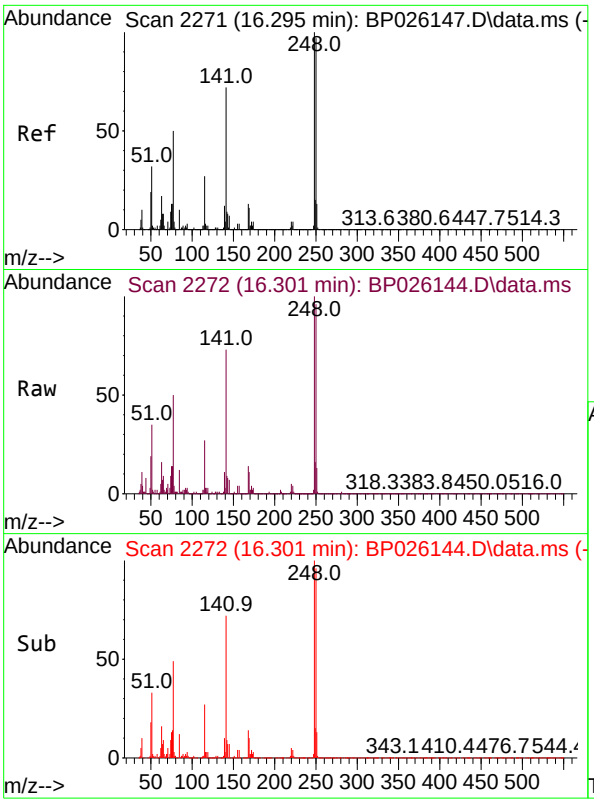




#66
n-Nitrosodiphenylamine
Concen: 4.795 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:169 Resp: 201167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 35.2 | 28.9 | 43.3 |



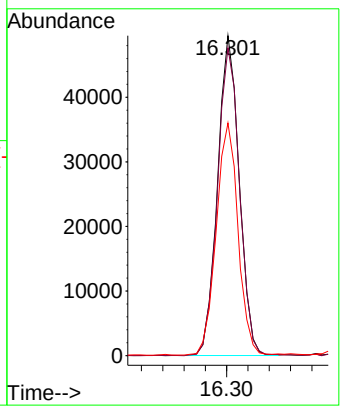


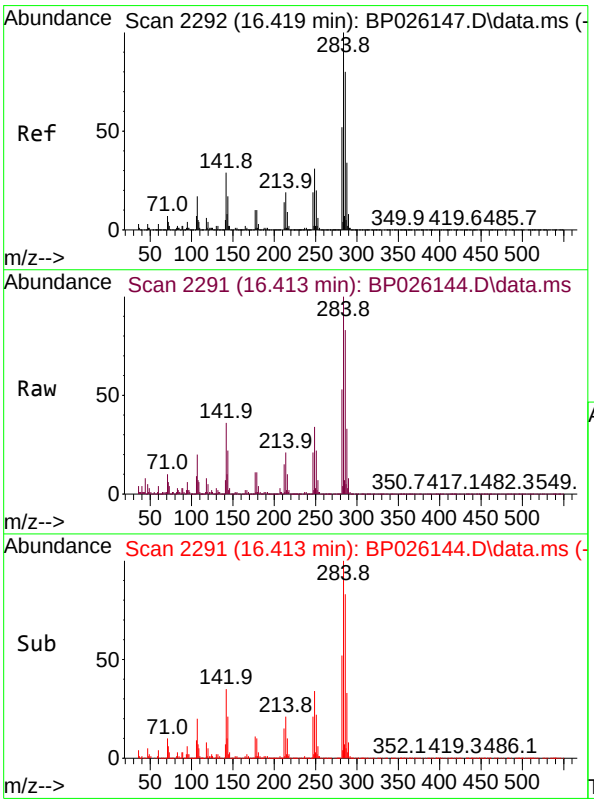

#67
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:248 Resp: 69962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.2 | 77.8 | 116.6 |
| 141 | 72.7 | 55.4 | 83.0 |

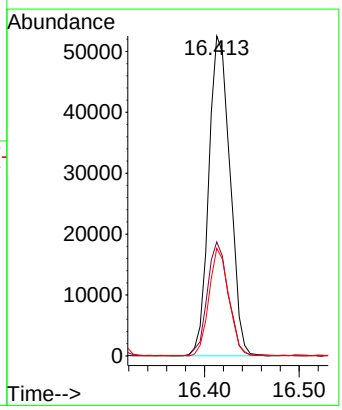


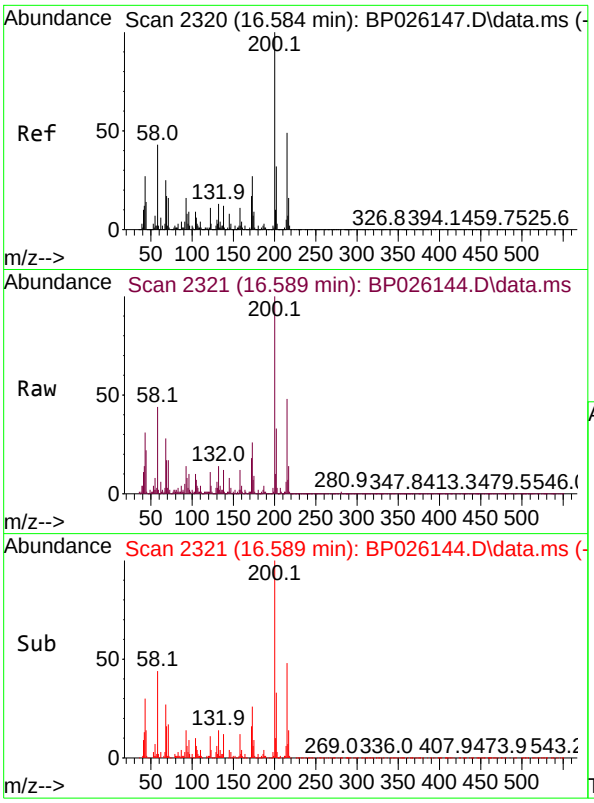




#68
Hexachlorobenzene
Concen: 4.805 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:284 Resp: 81728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.6 | 28.0 | 42.0 |
| 249 | 33.6 | 25.0 | 37.4 |



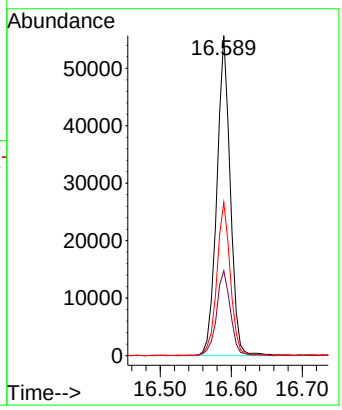


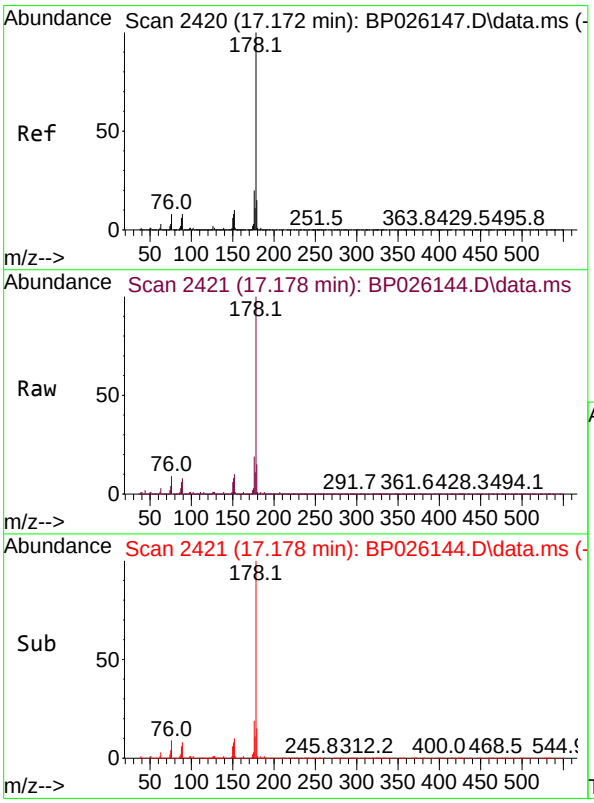

#69
Atrazine
Concen: 5.086 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:200 Resp: 73147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 6.7 | 46.7 |
| 215 | 47.9 | 27.4 | 67.4 |

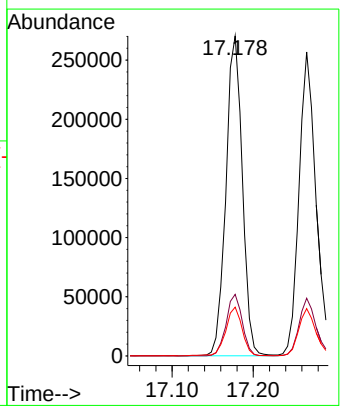


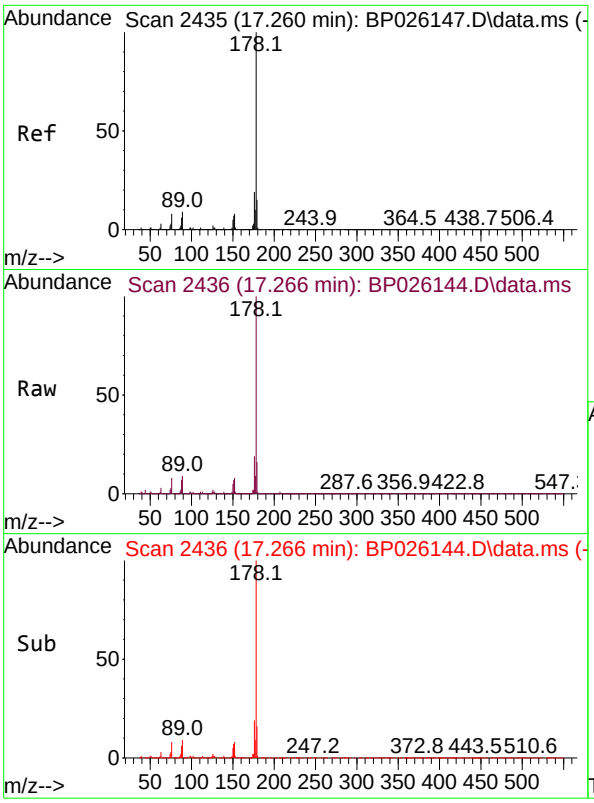




#71
Phenanthrene
Concen: 4.882 ng
RT: 17.178 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:178 Resp: 379854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.4 | 23.2 |
| 179 | 15.2 | 12.4 | 18.6 |



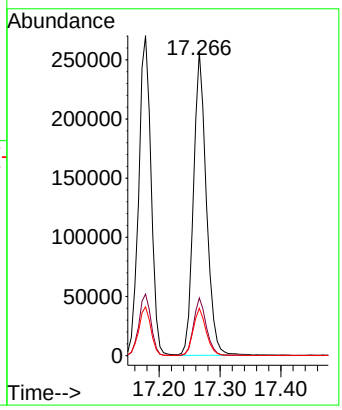


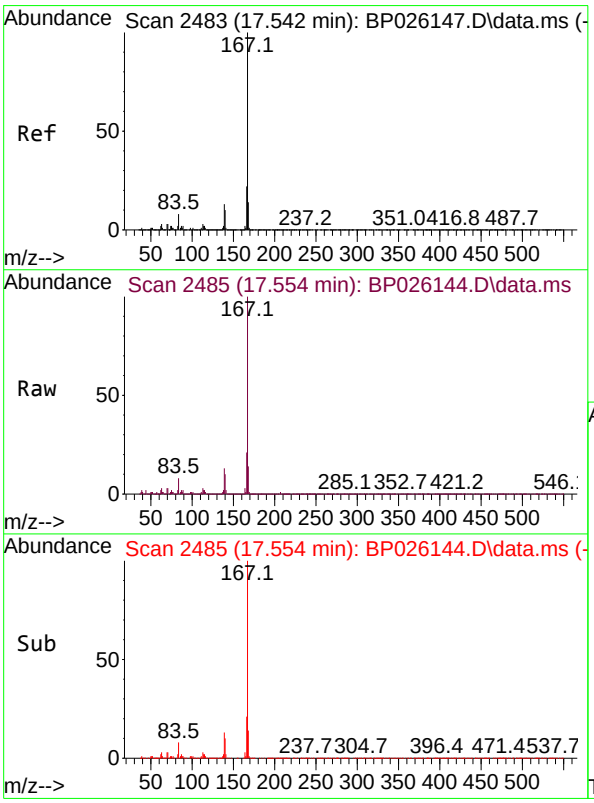

#72
Anthracene
Concen: 4.865 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:178 Resp: 377623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |

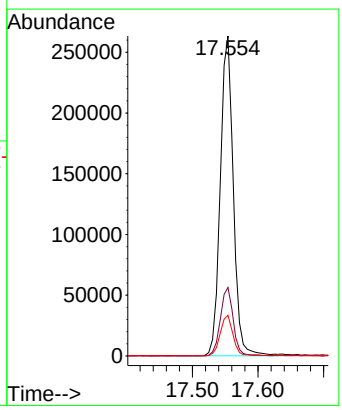


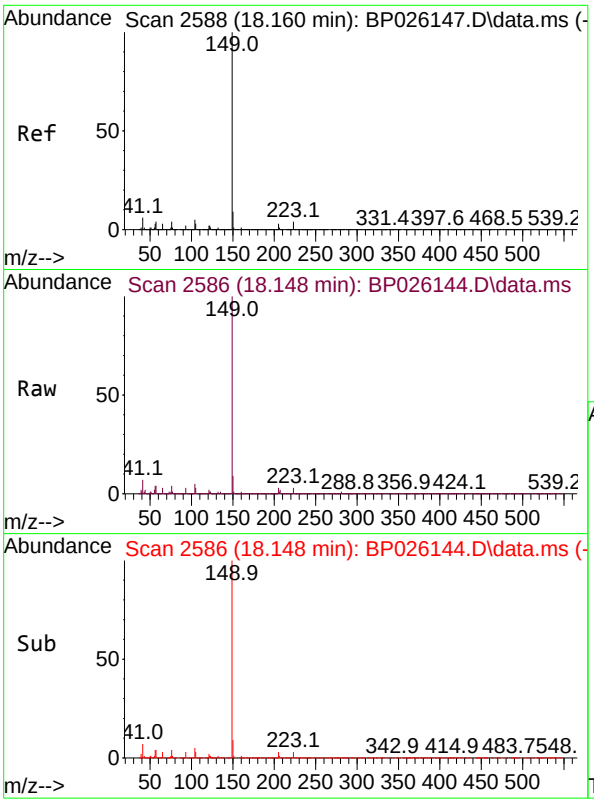




#73
Carbazole
Concen: 4.990 ng
RT: 17.554 min Scan# 2485
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:167 Resp: 364556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.1 | 25.7 |
| 139 | 12.7 | 10.2 | 15.4 |



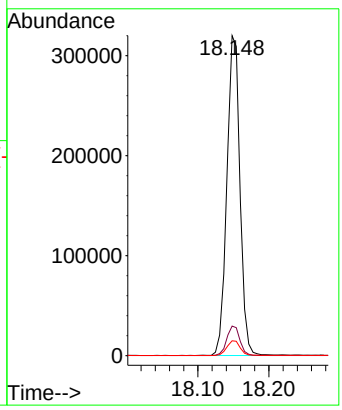


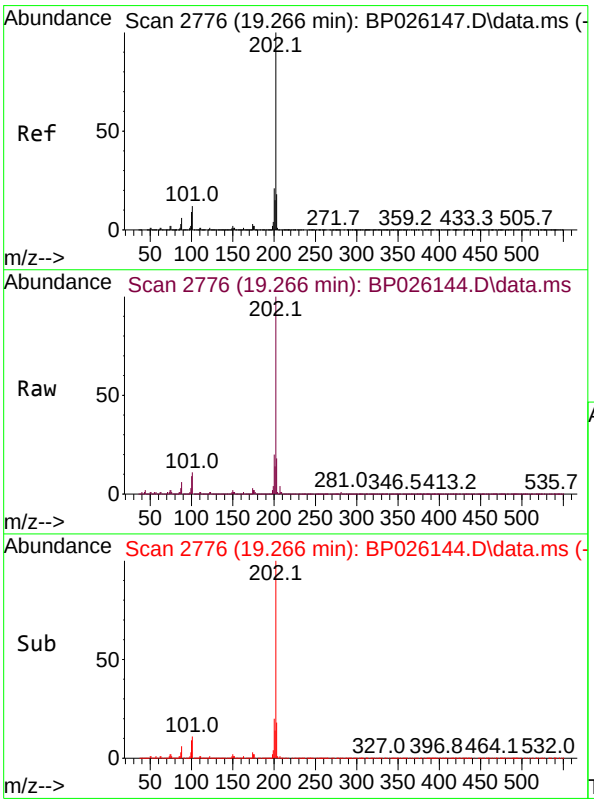

#74
Di-n-butylphthalate
Concen: 4.968 ng
RT: 18.148 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:149 Resp: 410422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.5 | 11.3 |
| 104 | 4.6 | 3.6 | 5.4 |

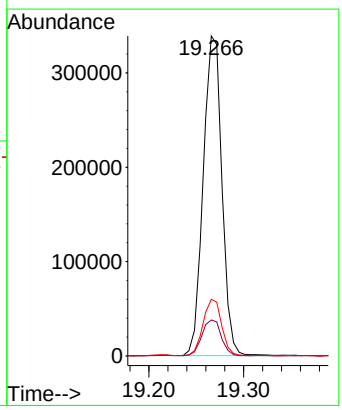


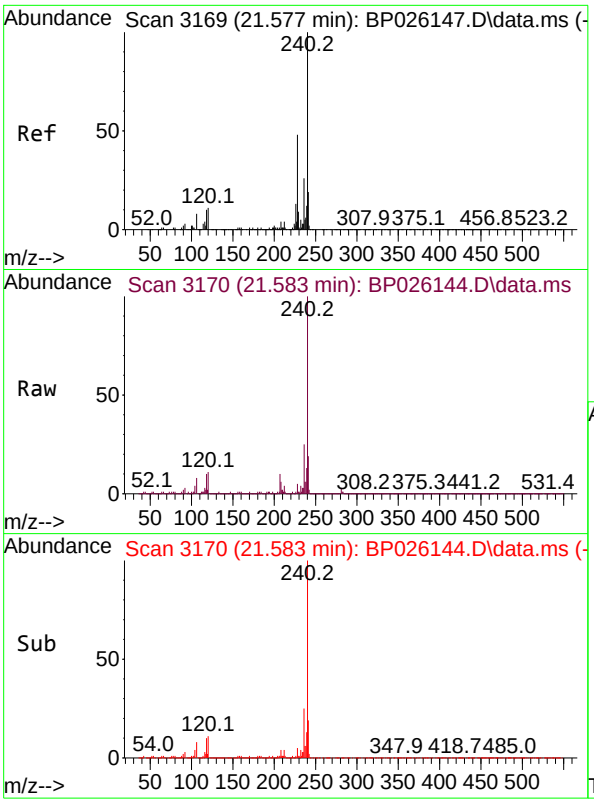




#75
Fluoranthene
Concen: 5.107 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 465623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 31.2 |
| 203 | 17.7 | 0.0 | 37.7 |



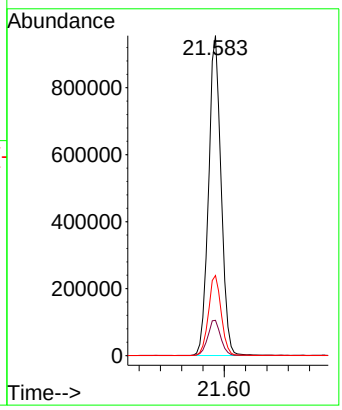


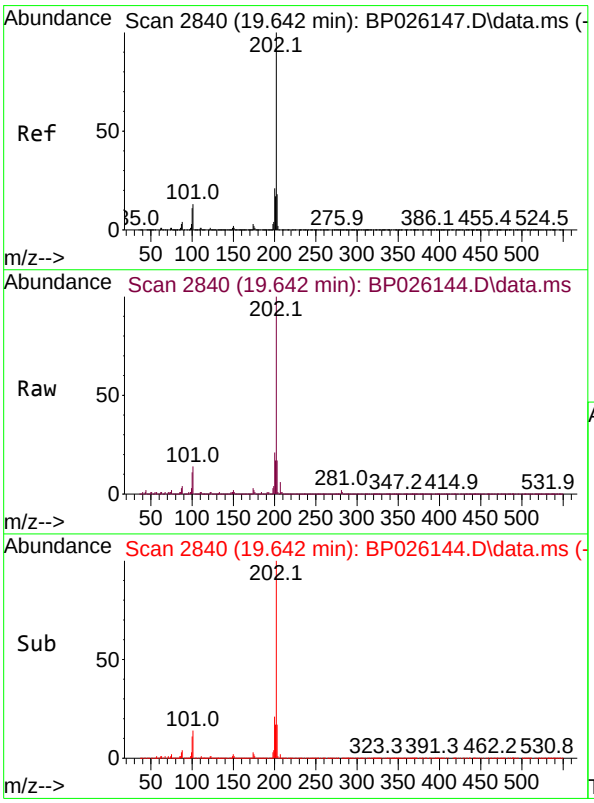

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:240 Resp: 1560462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.0 | 9.0 | 13.4 |
| 236 | 25.0 | 20.4 | 30.6 |

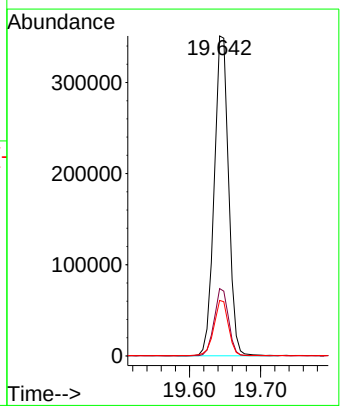


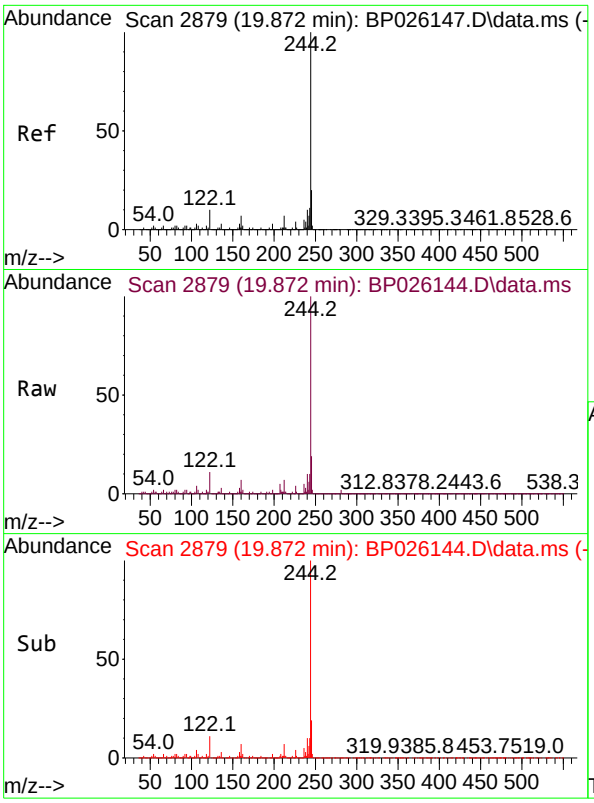




#78
Pyrene
Concen: 4.740 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 493981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.9 | 25.3 |
| 203 | 17.3 | 13.8 | 20.8 |



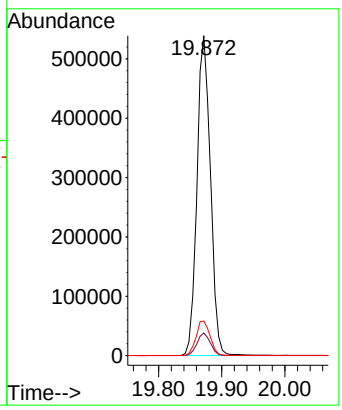


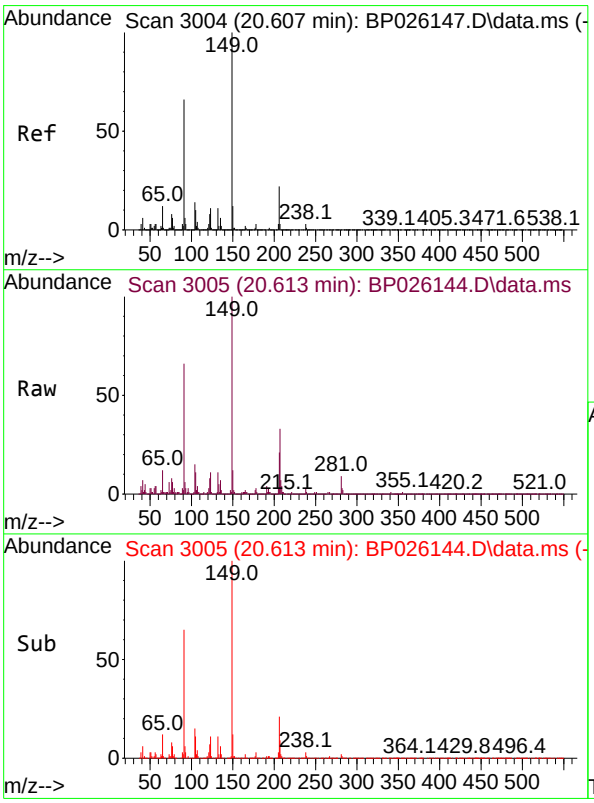

#79
Terphenyl-d14
Concen: 10.439 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:244 Resp: 798858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.8 | 8.8 |
| 122 | 10.8 | 8.2 | 12.2 |

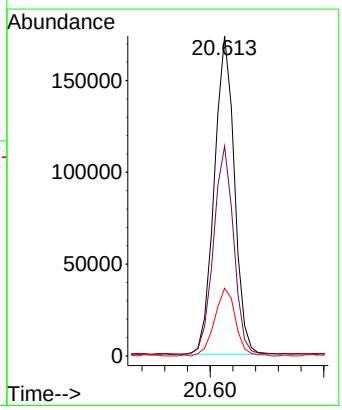


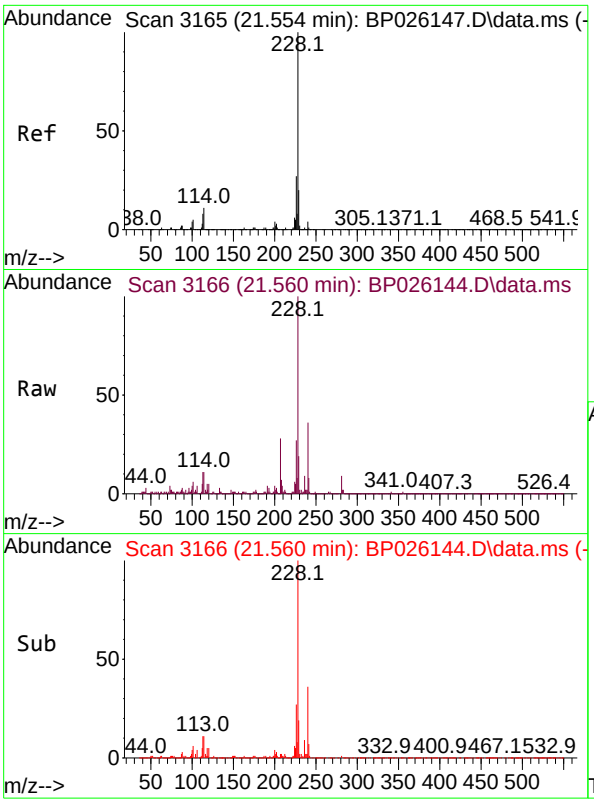




#80
Butylbenzylphthalate
Concen: 6.092 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:149 Resp: 212828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.5 | 52.6 | 79.0 |
| 206 | 21.1 | 16.9 | 25.3 |



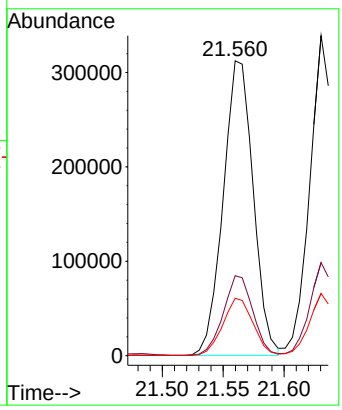


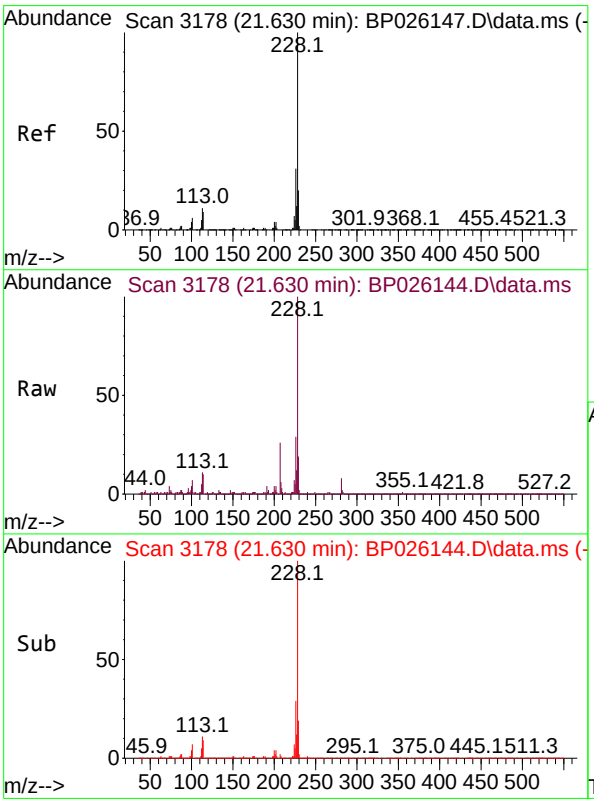

#81
Benzo(a)anthracene
Concen: 5.028 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:228 Resp: 535793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.8 | 32.8 |
| 229 | 19.5 | 15.9 | 23.9 |

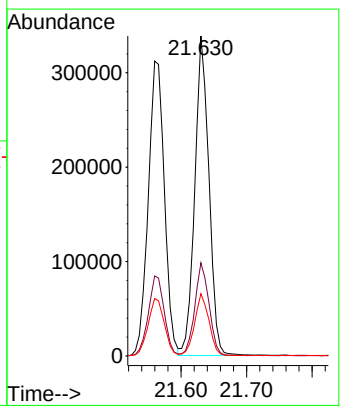


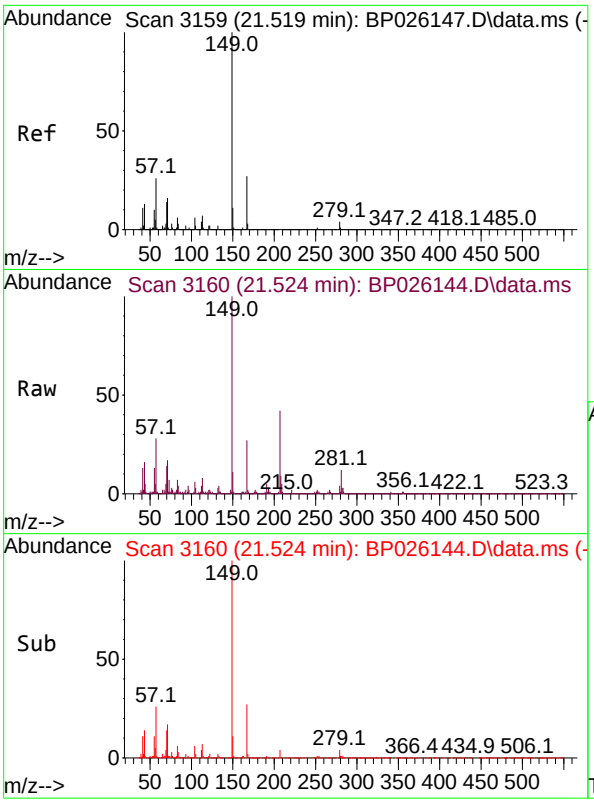




#83
Chrysene
Concen: 5.012 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:228 Resp: 506265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 23.9 | 35.9 |
| 229 | 19.4 | 15.9 | 23.9 |



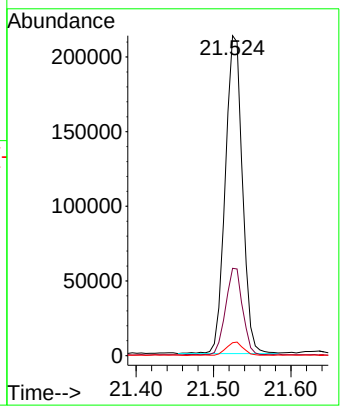


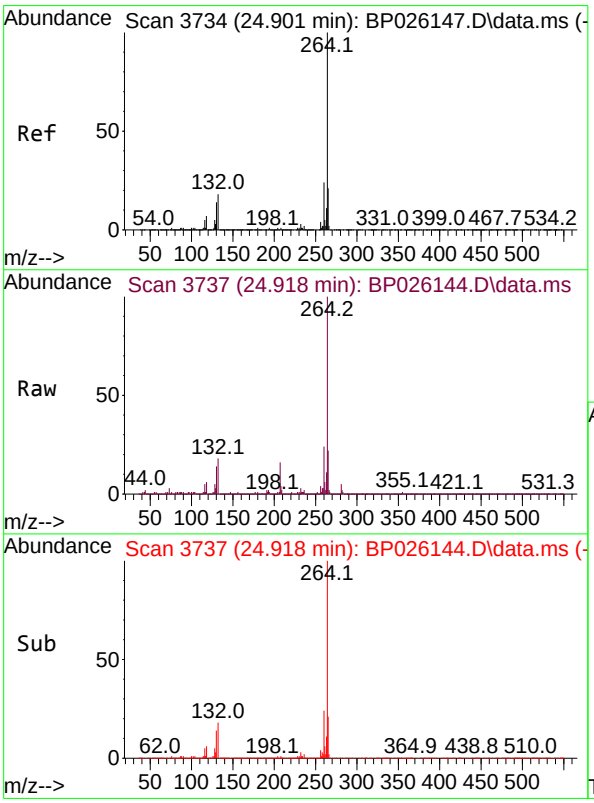

#84
Bis(2-ethylhexyl)phthalate
Concen: 5.749 ng
RT: 21.524 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:149 Resp: 328471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 22.1 | 33.1 |
| 279 | 4.1 | 3.3 | 4.9 |

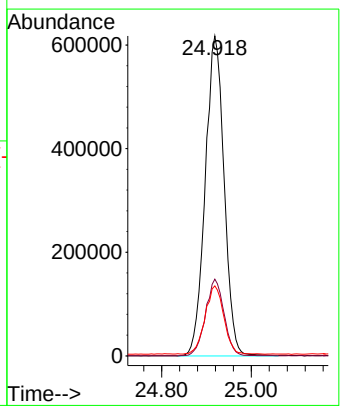


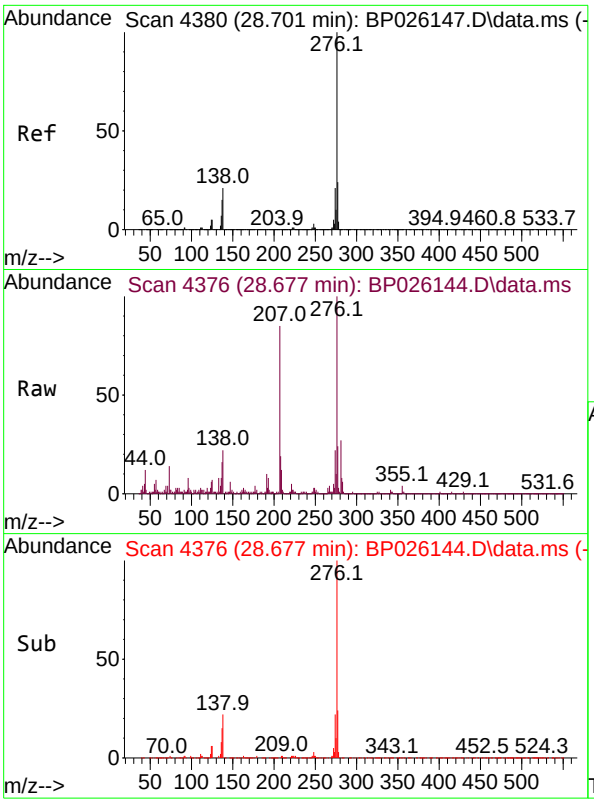




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:264 Resp: 1801943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.7 | 28.1 |
| 265 | 21.9 | 17.5 | 26.3 |



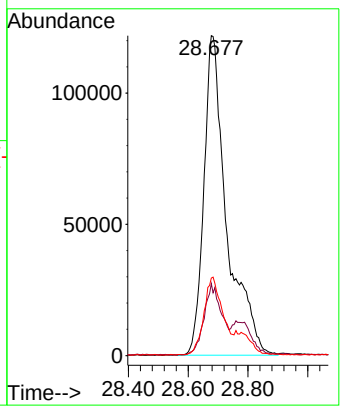


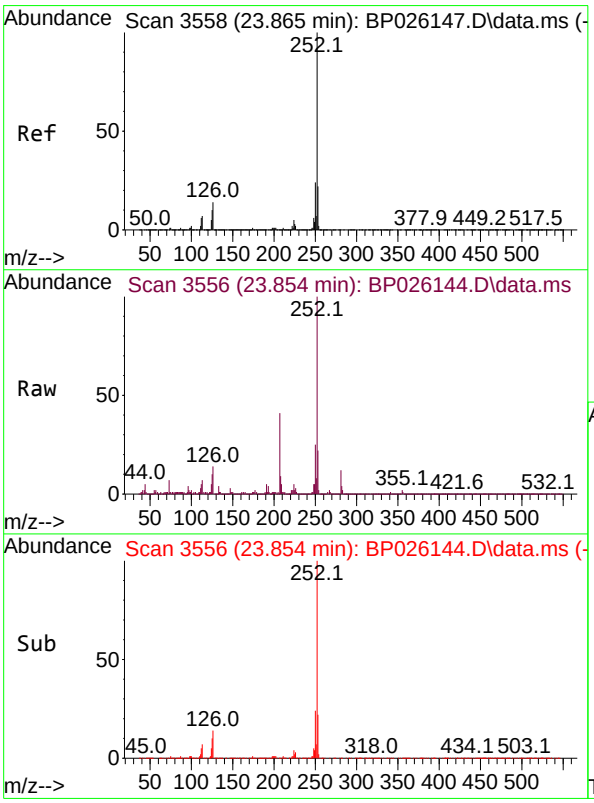

#87
Indeno(1,2,3-cd)pyrene
Concen: 4.913 ng
RT: 28.677 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:276 Resp: 649473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.0 | 13.8 | 20.8 |
| 277 | 20.2 | 16.7 | 25.1 |

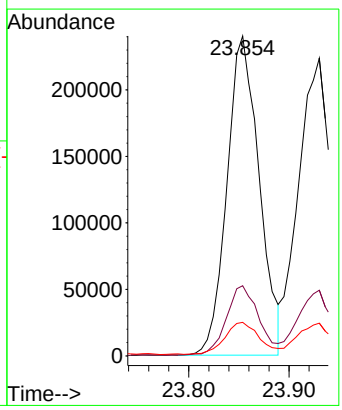


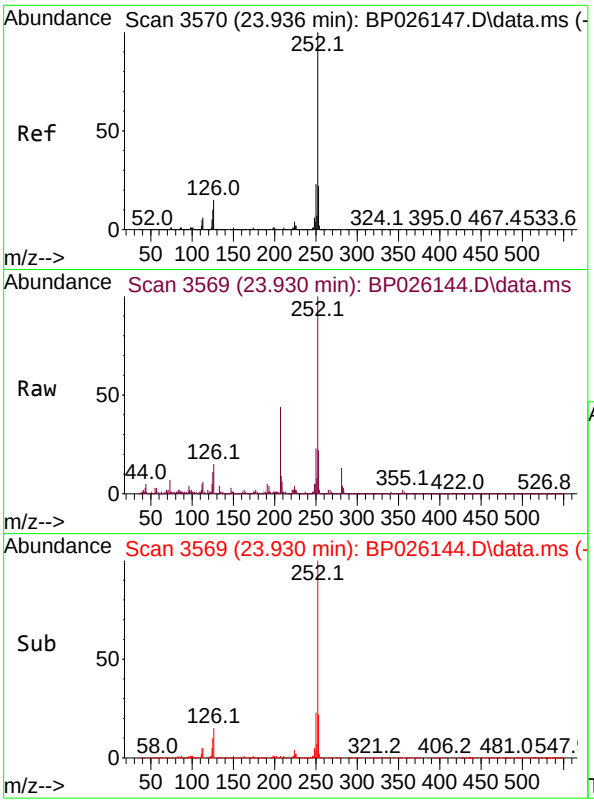




#88
Benzo(b)fluoranthene
Concen: 4.848 ng
RT: 23.854 min Scan# 3556
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:252 Resp: 535938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.6 | 26.4 |
| 125 | 10.5 | 8.2 | 12.4 |



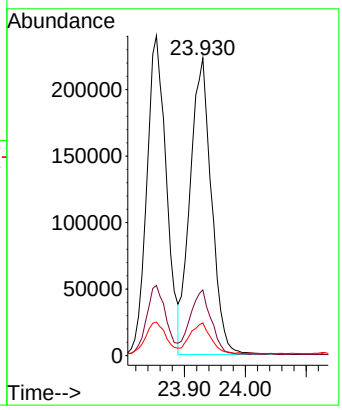


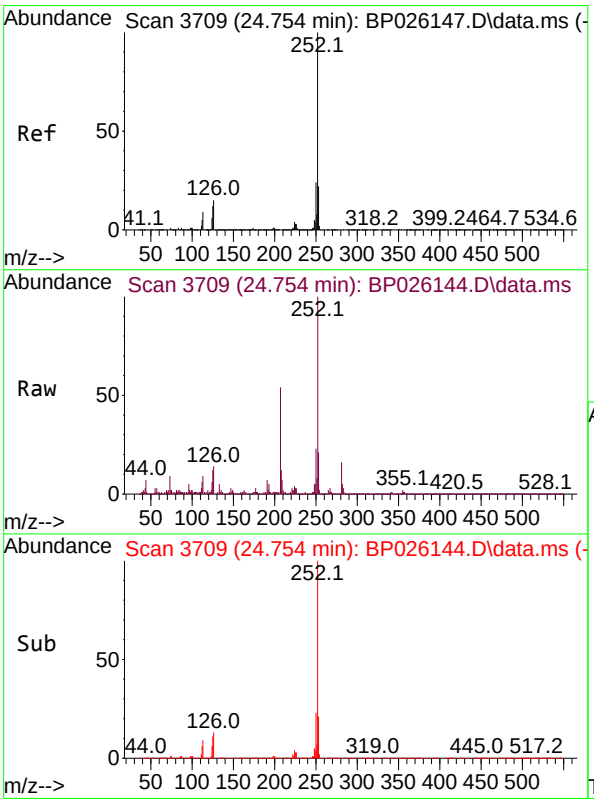

#89
Benzo(k)fluoranthene
Concen: 4.807 ng
RT: 23.930 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:252 Resp: 543312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 11.0 | 7.5 | 11.3 |

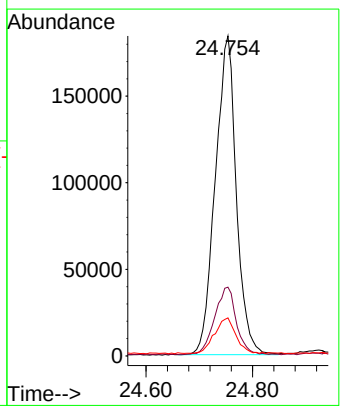


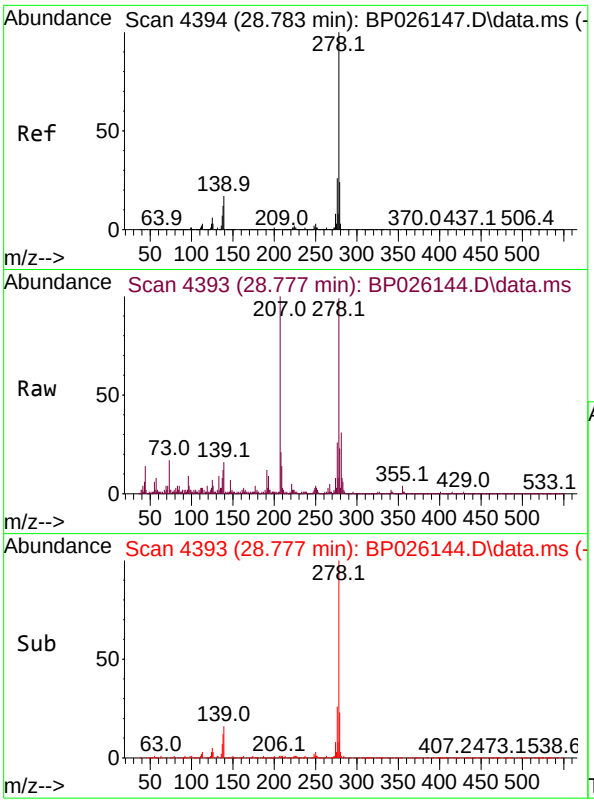




#90
Benzo(a)pyrene
Concen: 4.939 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:252 Resp: 504836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.4 | 26.2 |
| 125 | 11.9 | 9.0 | 13.6 |



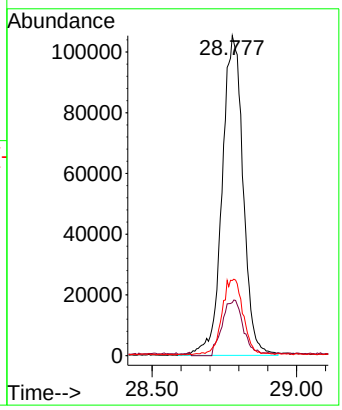


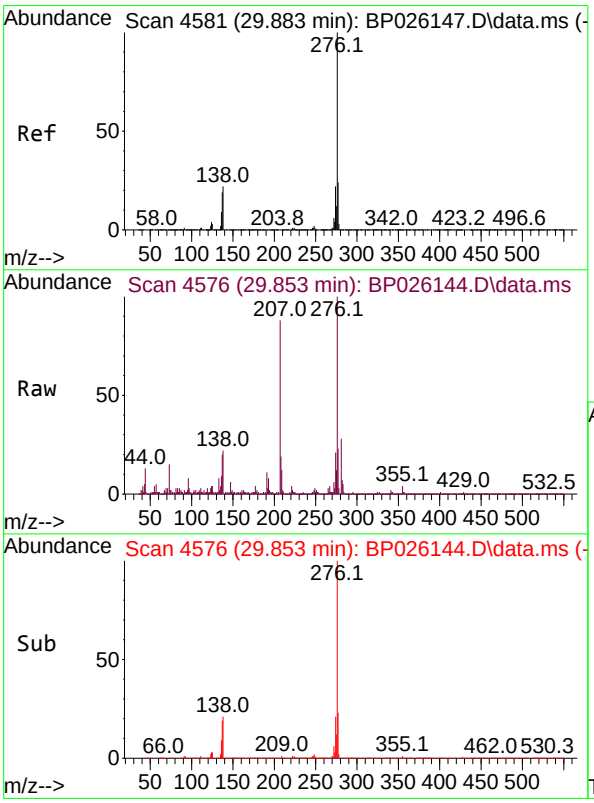

#91
Dibenzo(a,h)anthracene
Concen: 4.920 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC005

Tgt Ion:278 Resp: 530340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.6 | 13.2 | 19.8 |
| 279 | 23.5 | 19.2 | 28.8 |

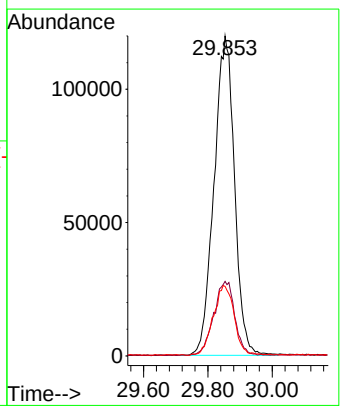



#92
Benzo(g,h,i)perylene
Concen: 5.083 ng
RT: 29.853 min Scan# 4576
Delta R.T. -0.029 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:276 Resp: 529220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 18.8 | 28.2 |
| 138 | 21.7 | 17.8 | 26.6 |



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 248452 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.437 | 136 | 980614 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 630488 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1297120 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.572 | 240 | 1508224 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.918 | 264 | 1757840 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 310270 | 20.603 | ng | | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 388699 | 20.348 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.808 | 82 | 349731 | 22.067 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 159702 | 23.122 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 909238 | 20.807 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.866 | 244 | 1563806 | 21.144 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 64612 | 10.226 | ng | | 99 |
| 3) Pyridine | 3.620 | 79 | 181259 | 10.090 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 66399 | 9.326 | ng | # | 94 |
| 6) Aniline | 7.002 | 93 | 254679 | 10.001 | ng | | 99 |
| 8) 2-Chlorophenol | 7.237 | 128 | 173633 | 10.408 | ng | | 98 |
| 9) Benzaldehyde | 6.819 | 77 | 119591 | 12.428 | ng | | 99 |
| 10) Phenol | 6.872 | 94 | 206001 | 9.752 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 165713 | 9.908 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.561 | 146 | 189523 | 9.947 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 192215 | 9.966 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 184124 | 9.995 | ng | | 100 |
| 15) Benzyl Alcohol | 7.902 | 79 | 133455 | 9.660 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.190 | 45 | 228694 | 9.130 | ng | | 98 |
| 17) 2-Methylphenol | 8.108 | 107 | 139821 | 10.067 | ng | | 99 |
| 18) Hexachloroethane | 8.743 | 117 | 69441 | 10.421 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.460 | 70 | 119306 | 10.077 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.431 | 107 | 190027 | 9.845 | ng | | 99 |
| 22) Acetophenone | 8.478 | 105 | 255635 | 10.340 | ng | # | 99 |
| 24) Nitrobenzene | 8.849 | 77 | 174709 | 10.525 | ng | | 99 |
| 25) Isophorone | 9.378 | 82 | 339778 | 10.129 | ng | | 99 |
| 26) 2-Nitrophenol | 9.555 | 139 | 80502 | 14.210 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.619 | 122 | 160115 | 11.184 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.855 | 93 | 215062 | 10.157 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 157750 | 10.558 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 165087 | 10.189 | ng | | 100 |
| 31) Naphthalene | 10.484 | 128 | 546001 | 10.256 | ng | | 99 |
| 32) Benzoic acid | 9.702 | 122 | 102438 | 11.868 | ng | | 99 |
| 33) 4-Chloroaniline | 10.590 | 127 | 225844 | 10.919 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 106776 | 10.297 | ng | | 98 |
| 35) Caprolactam | 11.354 | 113 | 55204 | 10.571 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 11.725 | 107 | 167761 | 10.736 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.101 | 142 | 387952 | 10.423 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.325 | 142 | 376177 | 10.395 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.472 | 216 | 192367 | 9.860 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.460 | 237 | 109280 | 13.468 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.713 | 196 | 127331 | 10.910 | ng | | 98 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

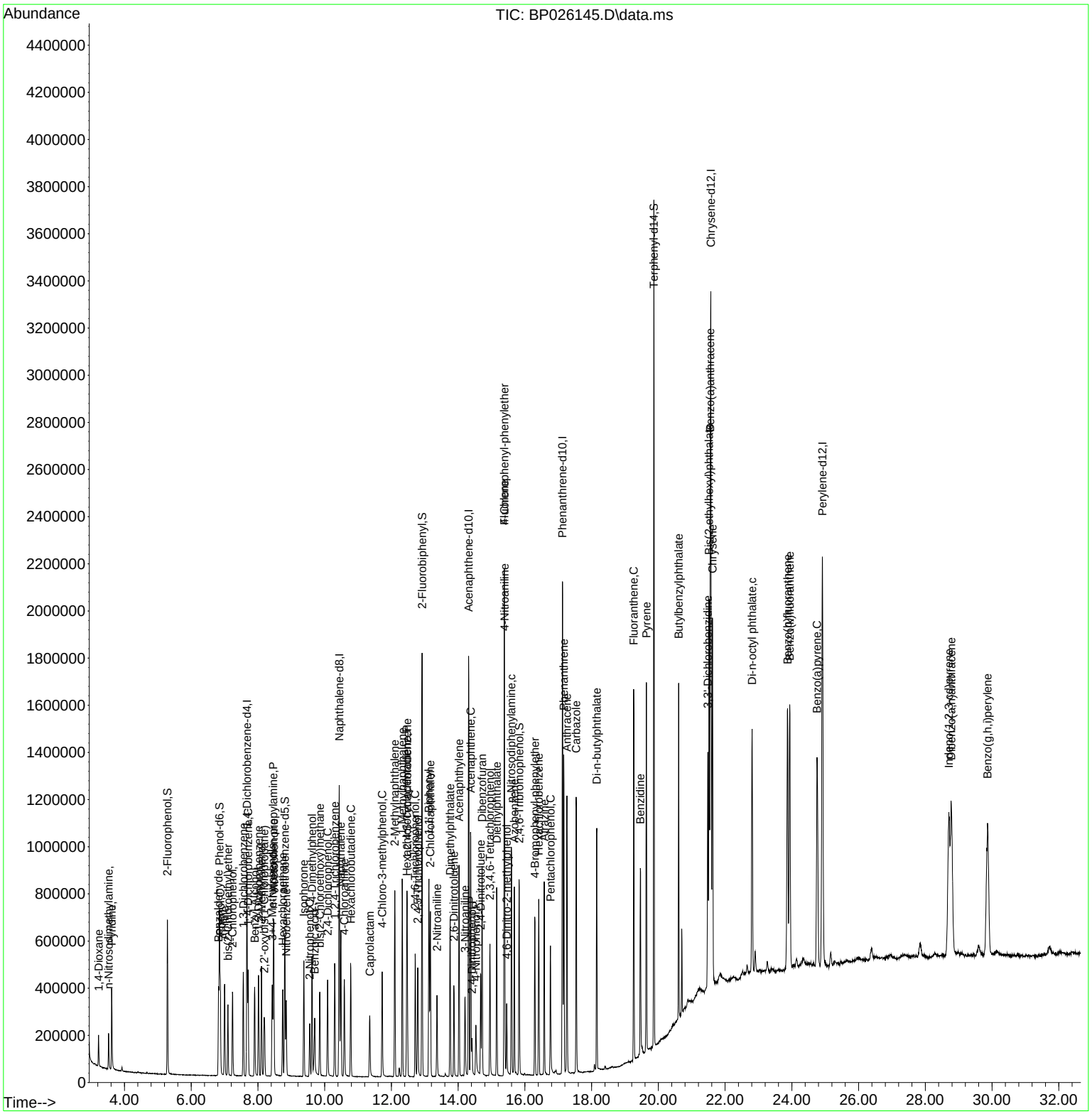
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.790 | 196 | 143128 | 10.794 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.125 | 154 | 485448 | 10.101 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.166 | 162 | 382981 | 10.136 | ng | | 99 |
| 48) 2-Nitroaniline | 13.366 | 65 | 97829 | 11.256 | ng | | 93 |
| 49) Acenaphthylene | 14.025 | 152 | 626312 | 11.215 | ng | | 99 |
| 50) Dimethylphthalate | 13.760 | 163 | 478267 | 10.476 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.872 | 165 | 84028 | 10.948 | ng | | 90 |
| 52) Acenaphthene | 14.378 | 154 | 372613 | 9.972 | ng | | 99 |
| 53) 3-Nitroaniline | 14.207 | 138 | 103894 | 11.189 | ng | # | 94 |
| 54) 2,4-Dinitrophenol | 14.413 | 184 | 38962 | 11.062 | ng | # | 89 |
| 55) Dibenzofuran | 14.719 | 168 | 577473 | 10.148 | ng | | 98 |
| 56) 4-Nitrophenol | 14.531 | 139 | 91274 | 9.876 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 14.678 | 165 | 128442 | 11.467 | ng | | 100 |
| 58) Fluorene | 15.384 | 166 | 469782 | 10.507 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 123375 | 11.749 | ng | | 99 |
| 60) Diethylphthalate | 15.154 | 149 | 475038 | 10.343 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.384 | 204 | 226085 | 10.144 | ng | | 97 |
| 62) 4-Nitroaniline | 15.390 | 138 | 113144 | 11.490 | ng | | 98 |
| 63) Azobenzene | 15.684 | 77 | 402256 | 9.741 | ng | | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.454 | 198 | 64177 | 11.592 | ng | | 93 |
| 66) n-Nitrosodiphenylamine | 15.595 | 169 | 415043 | 10.270 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 142168 | 9.873 | ng | | 98 |
| 68) Hexachlorobenzene | 16.413 | 284 | 168597 | 10.292 | ng | | 100 |
| 69) Atrazine | 16.584 | 200 | 150203 | 10.842 | ng | | 98 |
| 70) Pentachlorophenol | 16.766 | 266 | 109980 | 10.777 | ng | | 100 |
| 71) Phenanthrene | 17.166 | 178 | 764343 | 10.200 | ng | | 99 |
| 72) Anthracene | 17.260 | 178 | 774553 | 10.360 | ng | | 100 |
| 73) Carbazole | 17.536 | 167 | 763690 | 10.854 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 836819 | 10.517 | ng | | 99 |
| 75) Fluoranthene | 19.260 | 202 | 949438 | 10.812 | ng | | 100 |
| 77) Benzidine | 19.460 | 184 | 547975 | 13.836 | ng | | 99 |
| 78) Pyrene | 19.642 | 202 | 994219 | 9.871 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.607 | 149 | 416294 | 12.328 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.554 | 228 | 1056422 | 10.258 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.483 | 252 | 386780 | 11.403 | ng | | 99 |
| 83) Chrysene | 21.619 | 228 | 1007569 | 10.321 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.519 | 149 | 622482 | 11.273 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.807 | 149 | 1066561 | 11.335 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.706 | 276 | 1303884 | 10.110 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.871 | 252 | 1077584 | 9.993 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.936 | 252 | 1079191 | 9.789 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.754 | 252 | 1013571 | 10.165 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.777 | 278 | 1072192 | 10.197 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.865 | 276 | 1080830 | 10.641 | ng | | 99 |

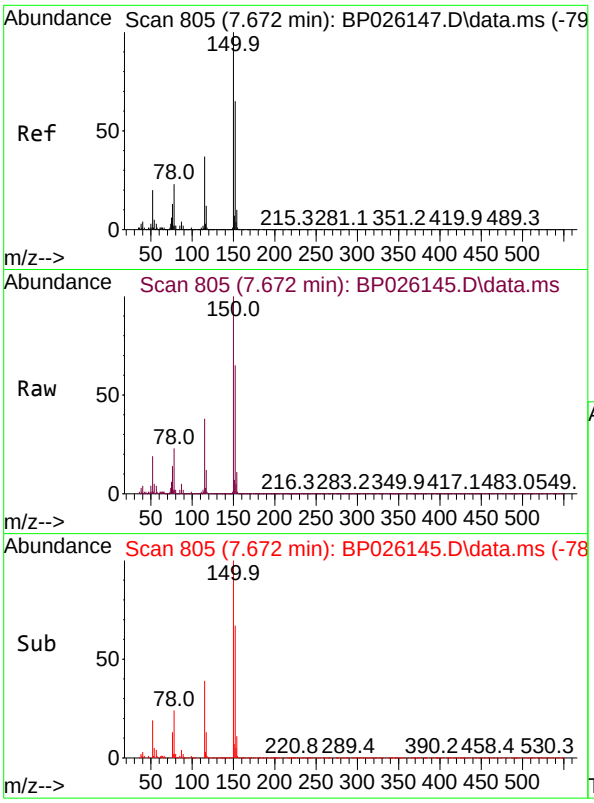
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026145.D
Acq On : 18 Nov 2025 15:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Quant Time: Nov 19 00:39:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



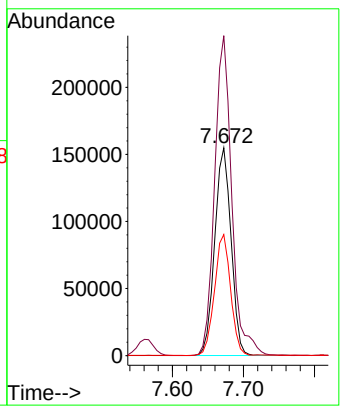


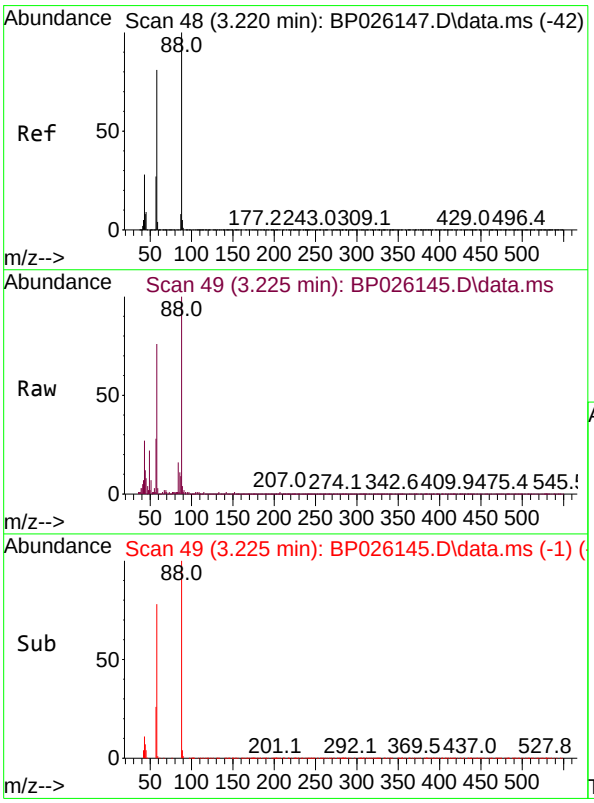

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 248452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.0 | 123.0 | 184.6 |
| 115 | 58.2 | 46.3 | 69.5 |

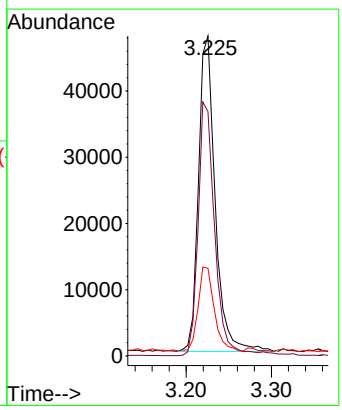


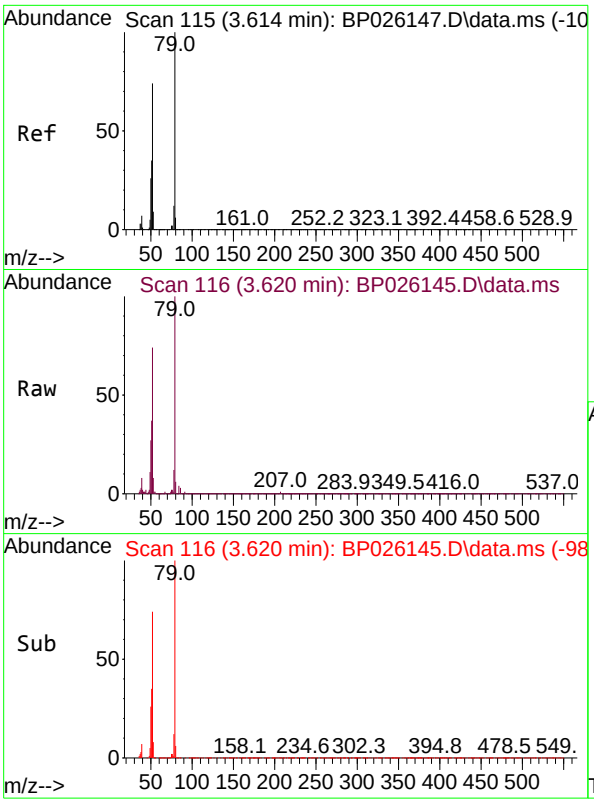




#2
1,4-Dioxane
Concen: 10.226 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 88 Resp: 64612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.1 | 64.2 | 96.4 |
| 43 | 25.7 | 21.5 | 32.3 |



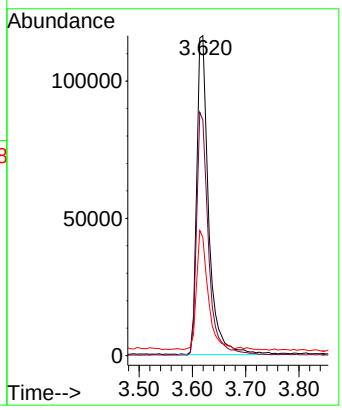


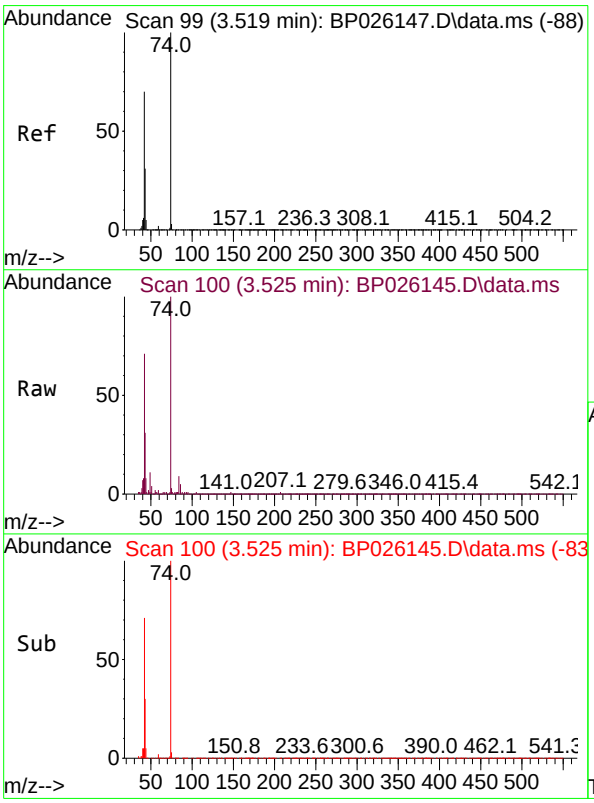

#3
Pyridine
Concen: 10.090 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 181259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 73.6 | 60.2 | 90.2 |
| 51 | 37.0 | 29.5 | 44.3 |

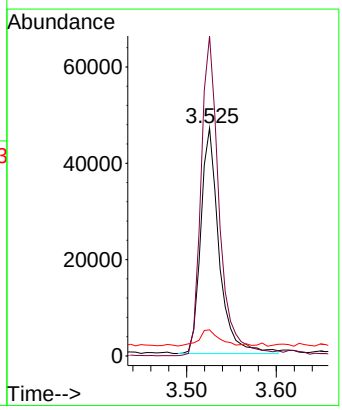


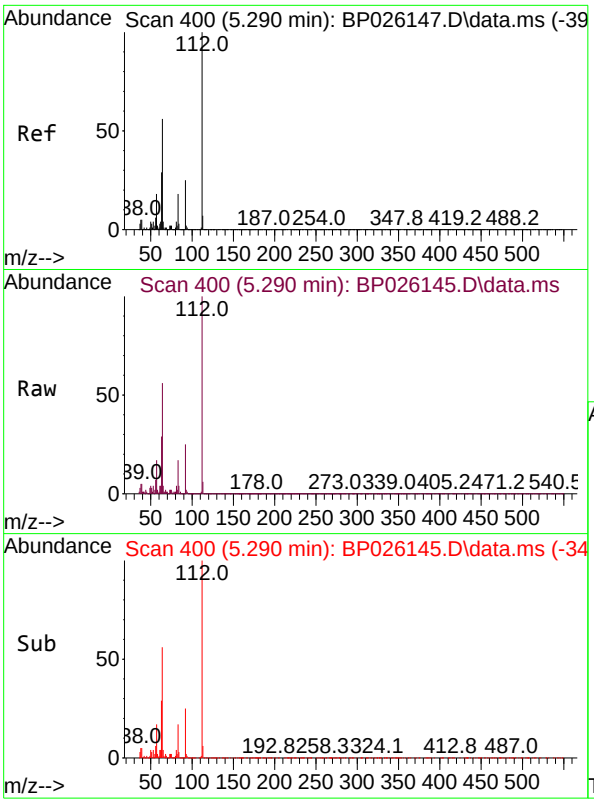




#4
n-Nitrosodimethylamine
Concen: 9.326 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 42 Resp: 66399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.4 | 118.1 | 177.1 |
| 44 | 11.4 | 6.2 | 9.4# |



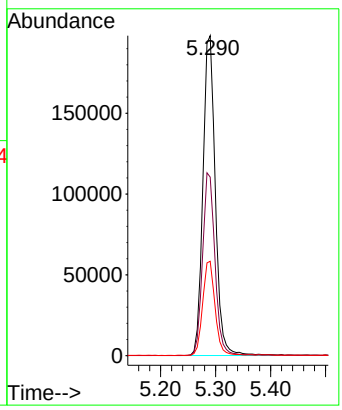


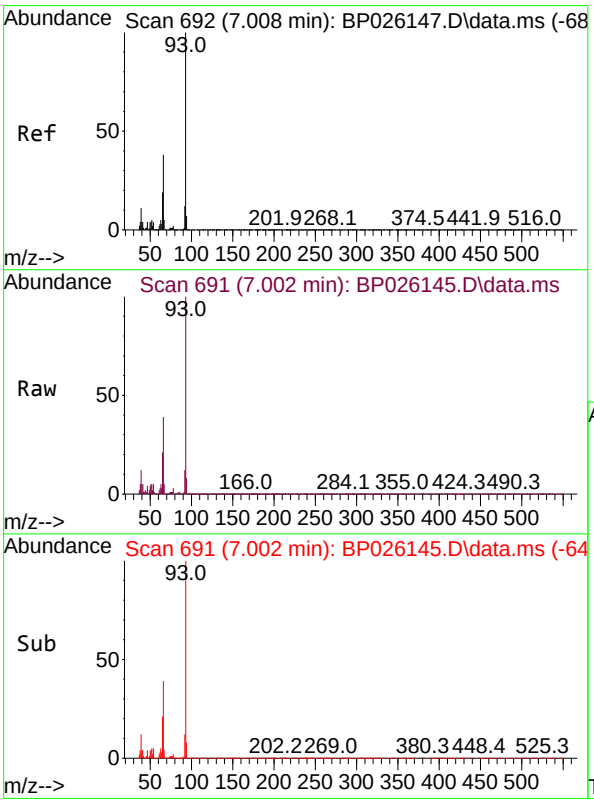

#5
2-Fluorophenol
Concen: 20.603 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:112 Resp: 310270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.8 | 45.8 | 68.6 |
| 63 | 29.5 | 23.5 | 35.3 |

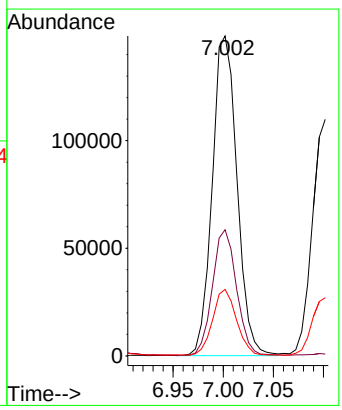


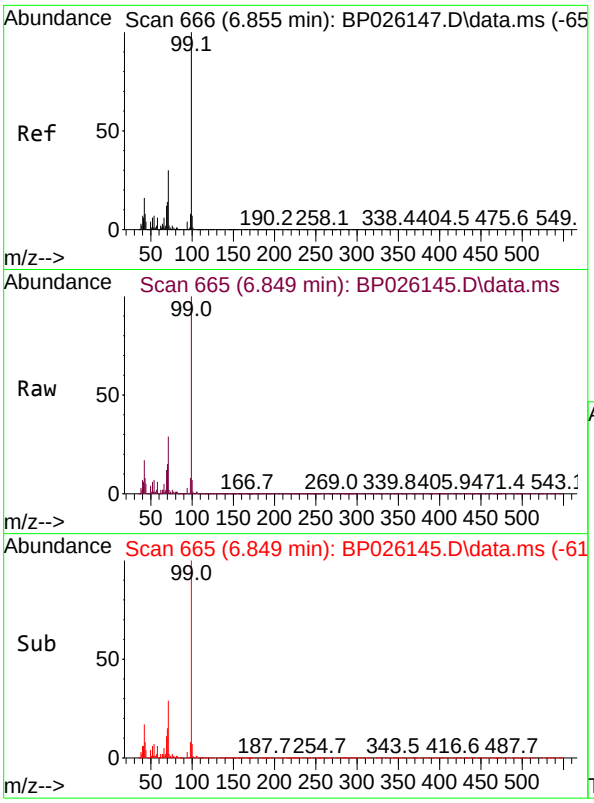




#6
Aniline
Concen: 10.001 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 93 Resp: 254679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.4 | 31.7 | 47.5 |
| 65 | 20.8 | 15.8 | 23.6 |



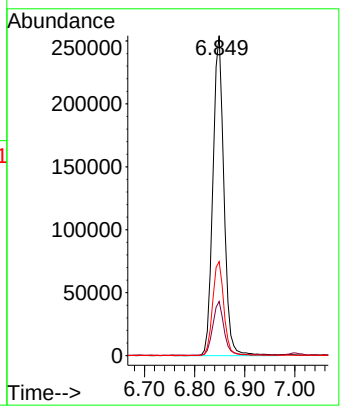


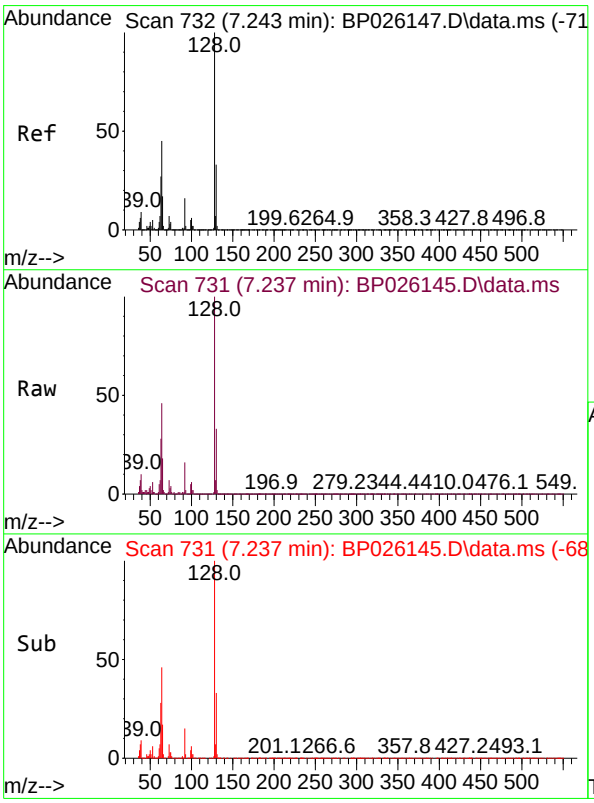

#7
Phenol-d6
Concen: 20.348 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 99 Resp: 388699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 12.9 | 19.3 |
| 71 | 29.4 | 24.8 | 37.2 |

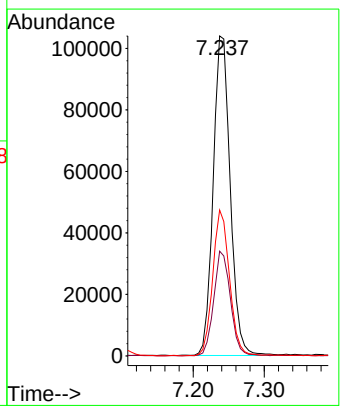


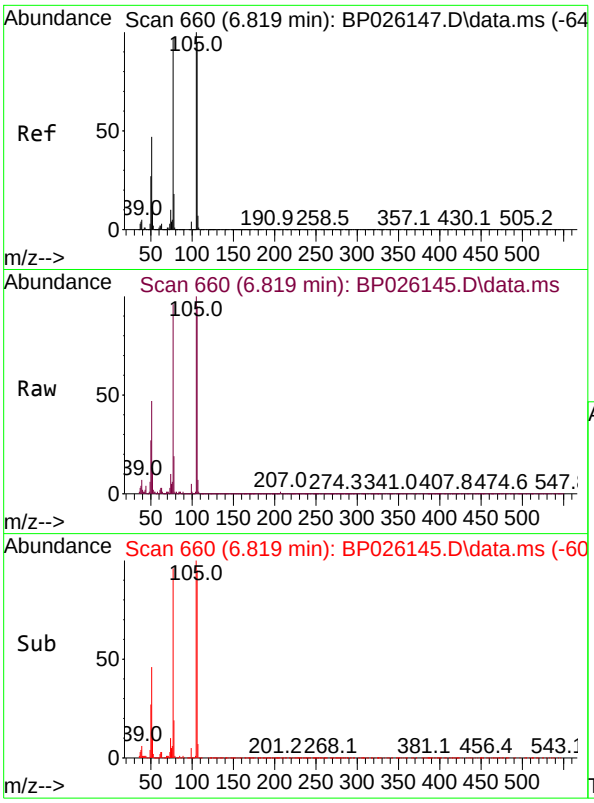




#8
2-Chlorophenol
Concen: 10.408 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:128 Resp: 173633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 12.4 | 52.4 |
| 64 | 45.6 | 23.9 | 63.9 |



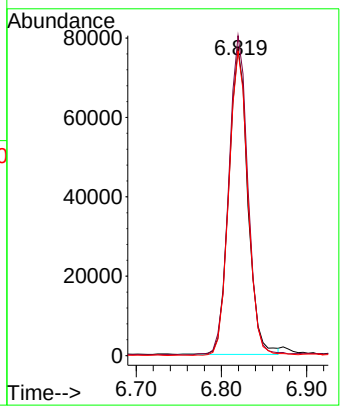


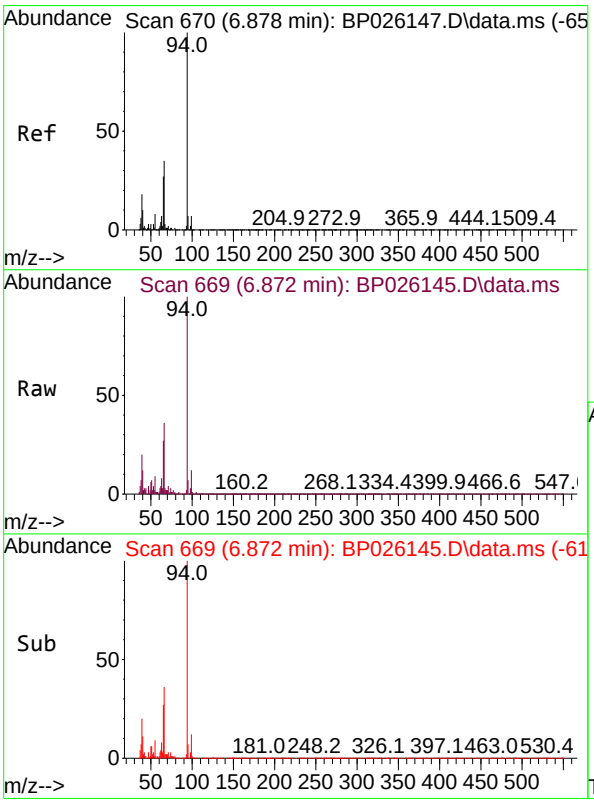

#9
Benzaldehyde
Concen: 12.428 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 119591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.1 | 82.9 | 122.9 |
| 106 | 99.0 | 77.8 | 117.8 |

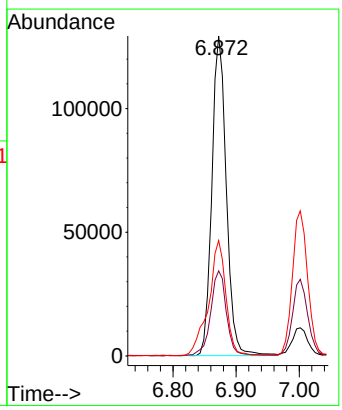


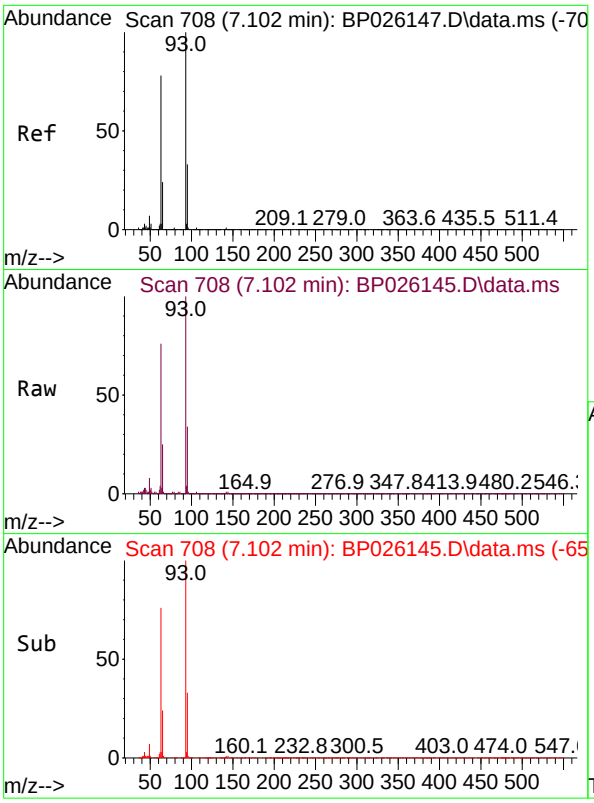




#10
Phenol
Concen: 9.752 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 94 Resp: 206001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.6 | 7.0 | 47.0 |
| 66 | 36.0 | 14.5 | 54.5 |



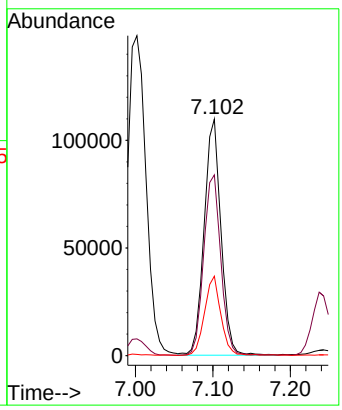


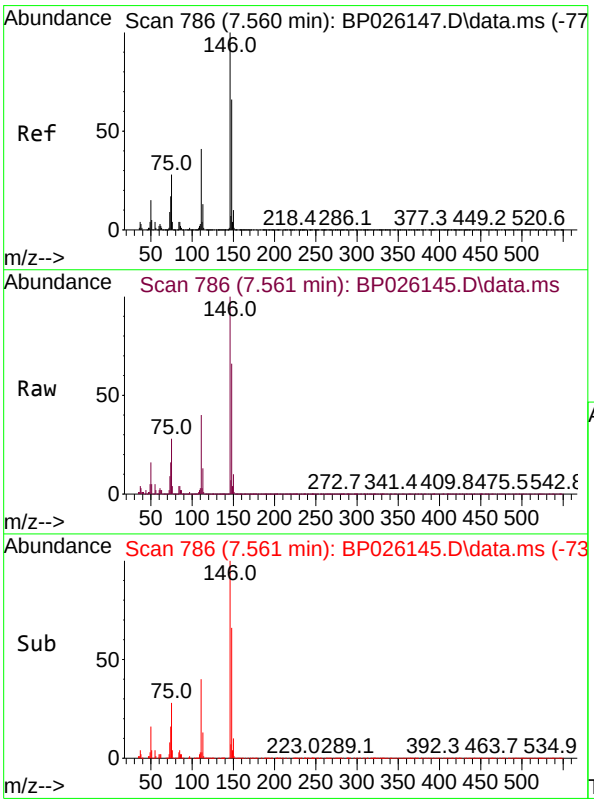

#11
bis(2-Chloroethyl)ether
Concen: 9.908 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 93 Resp: 165713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.4 | 58.8 | 98.8 |
| 95 | 33.6 | 12.1 | 52.1 |

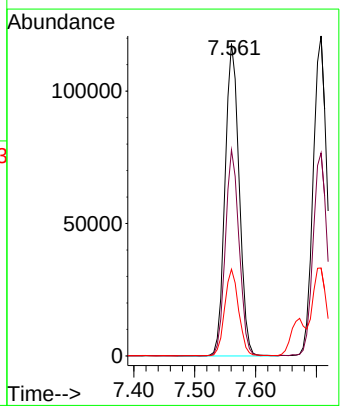


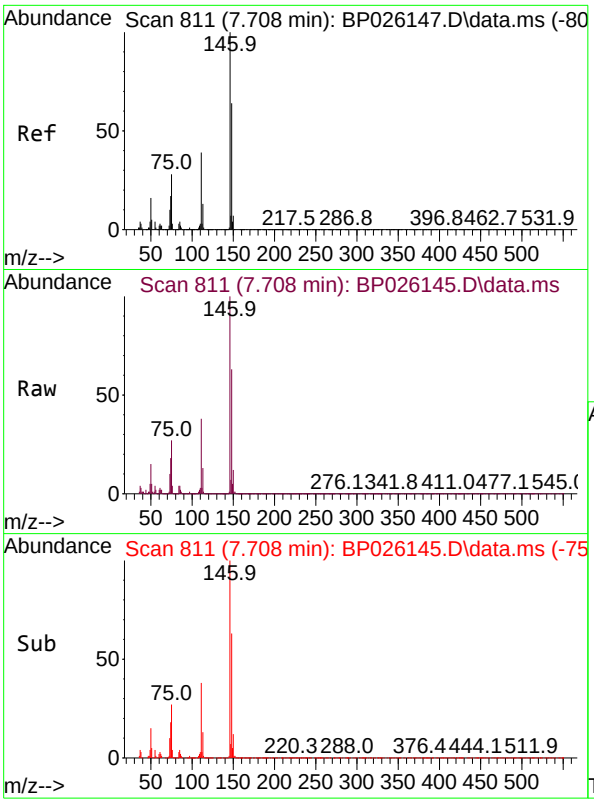




#12
1,3-Dichlorobenzene
Concen: 9.947 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:146 Resp: 189523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.0 | 51.8 | 77.8 |
| 75 | 27.7 | 22.2 | 33.2 |



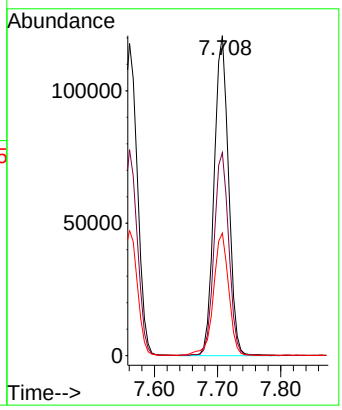


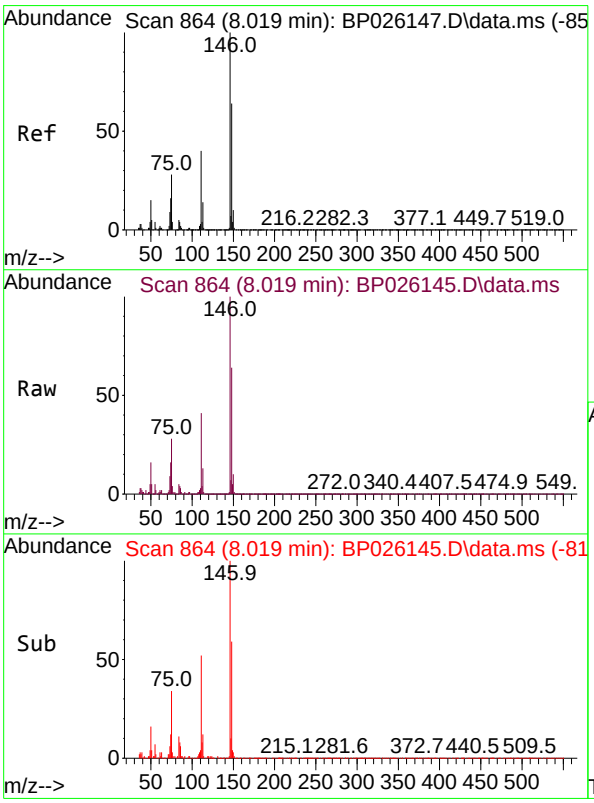

#13
1,4-Dichlorobenzene
Concen: 9.966 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:146 Resp: 192215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.4 | 77.2 |
| 111 | 38.3 | 31.7 | 47.5 |

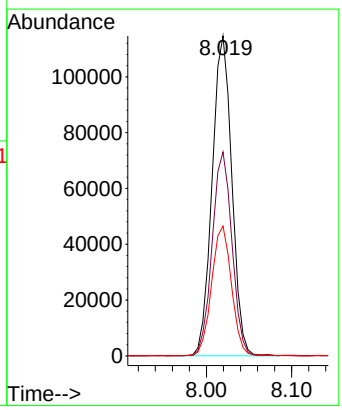


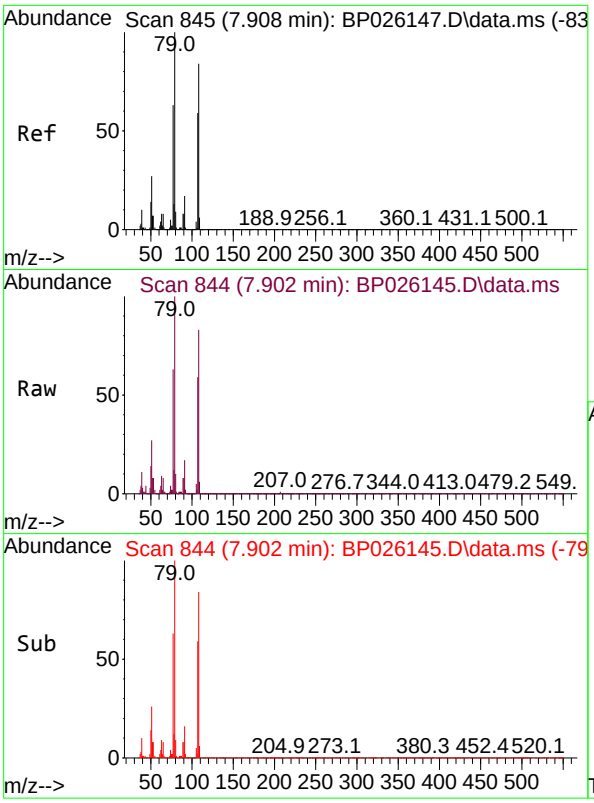




#14
1,2-Dichlorobenzene
Concen: 9.995 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:146 Resp: 184124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.0 | 76.6 |
| 111 | 40.6 | 33.0 | 49.4 |



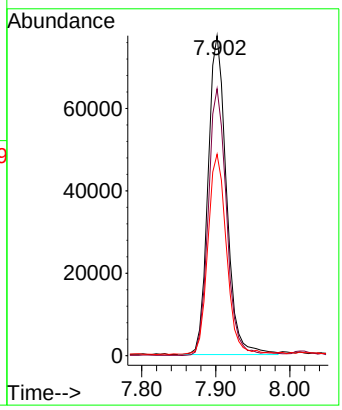


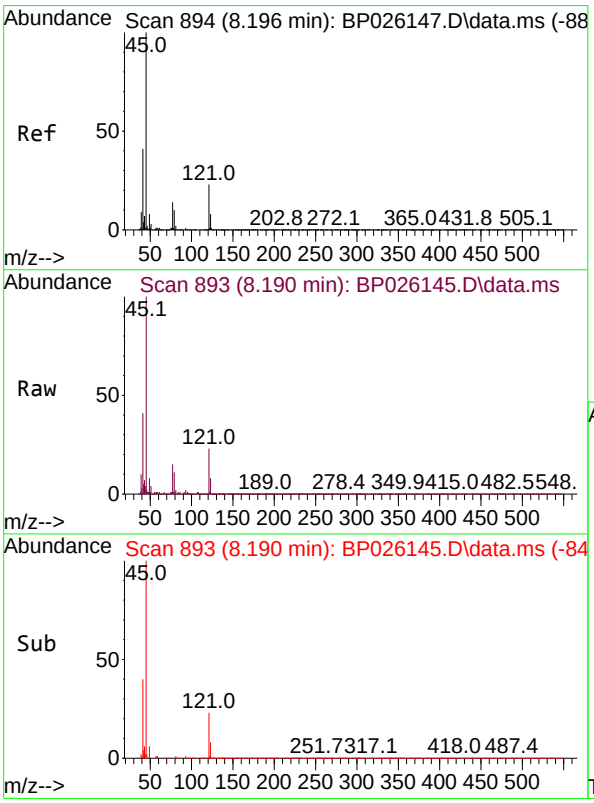

#15
Benzyl Alcohol
Concen: 9.660 ng
RT: 7.902 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 79 Resp: 133455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.4 | 66.2 | 99.4 |
| 77 | 62.9 | 50.0 | 75.0 |

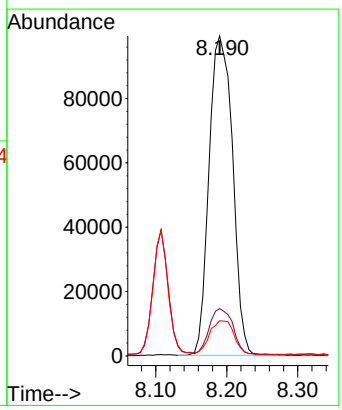


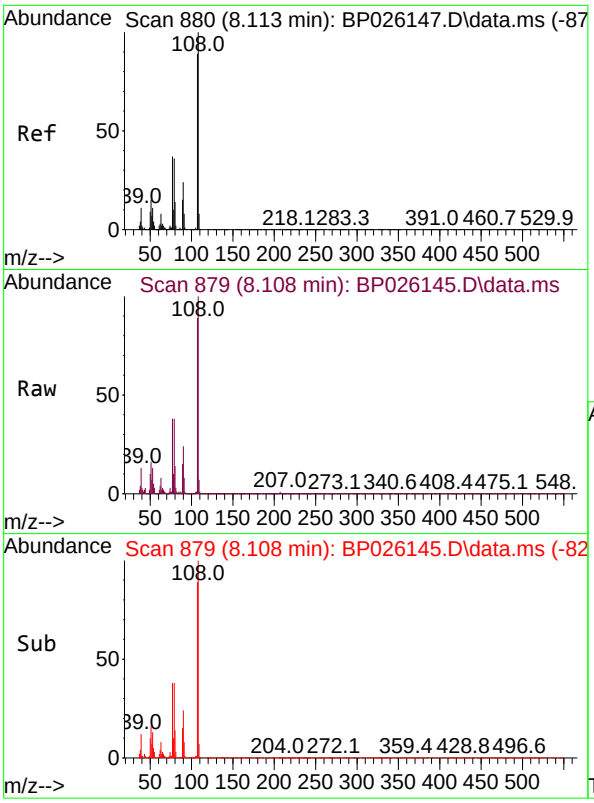




#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.130 ng
RT: 8.190 min Scan# 893
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 45 Resp: 228694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.8 | 0.0 | 33.9 |
| 79 | 11.0 | 0.0 | 30.4 |



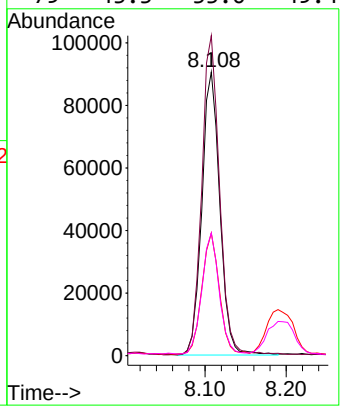


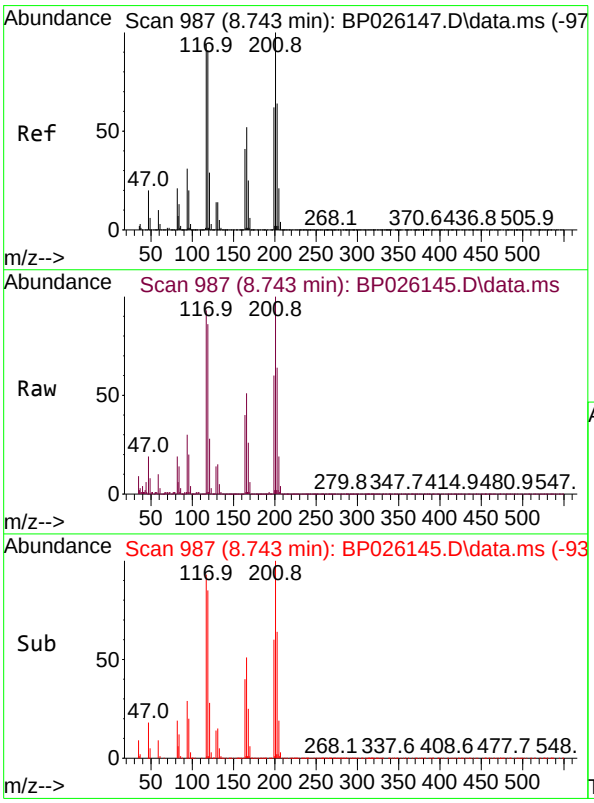

#17
2-Methylphenol
Concen: 10.067 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:107 Resp: 139821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.8 | 89.7 | 134.5 |
| 77 | 43.2 | 33.9 | 50.9 |
| 79 | 43.3 | 33.0 | 49.4 |

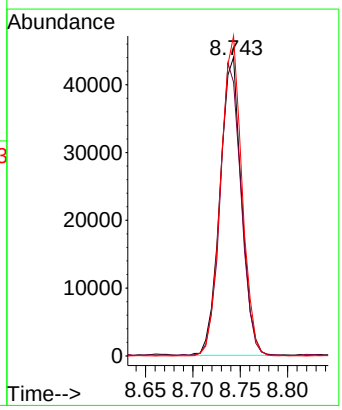


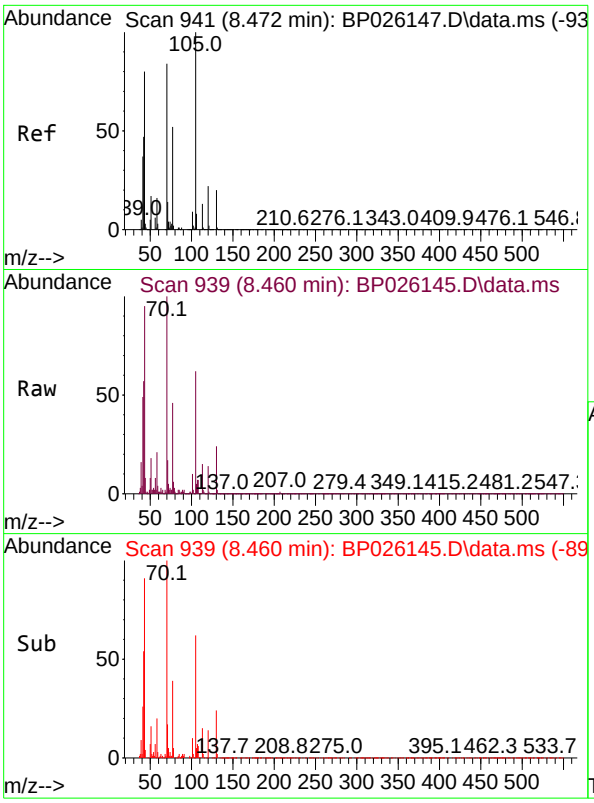




#18
Hexachloroethane
Concen: 10.421 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:117 Resp: 69441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 91.6 | 78.7 | 118.1 |
| 201 | 107.2 | 85.1 | 127.7 |



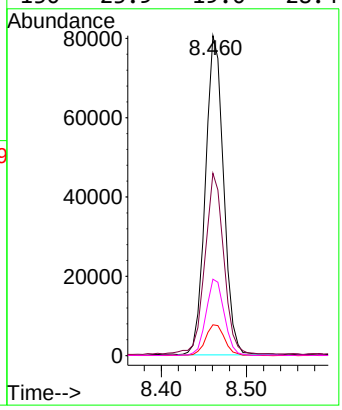


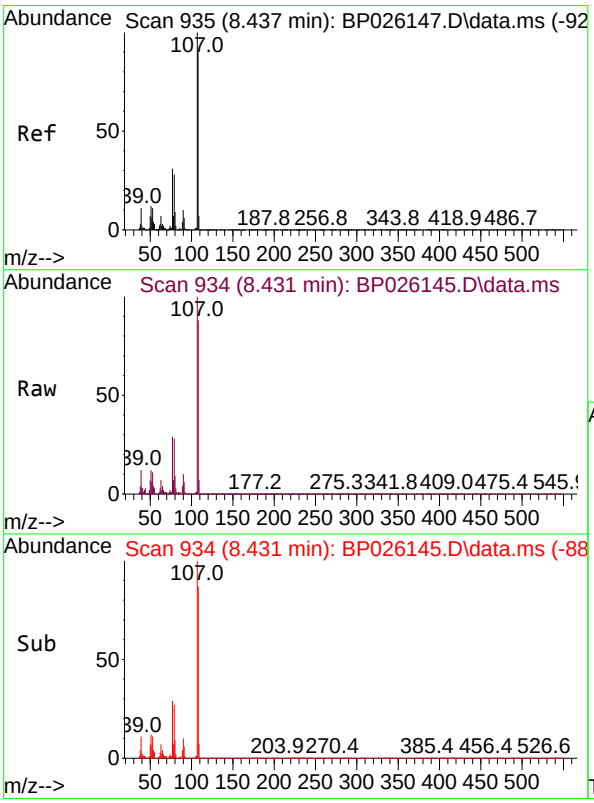

#19
n-Nitroso-di-n-propylamine
Concen: 10.077 ng
RT: 8.460 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 70 Resp: 119306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.0 | 44.1 | 66.1 |
| 101 | 9.6 | 8.2 | 12.4 |
| 130 | 23.9 | 19.0 | 28.4 |

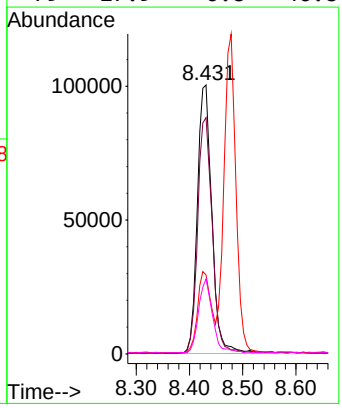


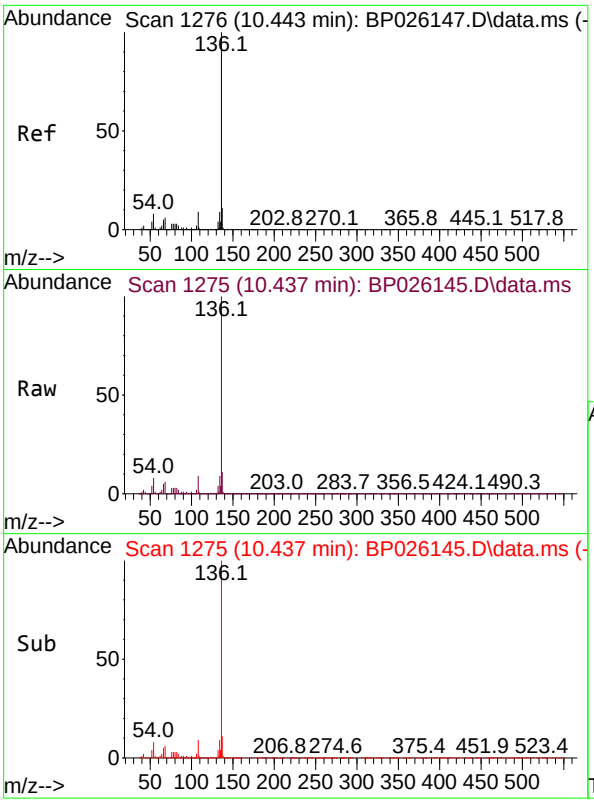




#20
3+4-Methylphenols
Concen: 9.845 ng
RT: 8.431 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:107 Resp: 190027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.9 | 68.9 | 108.9 |
| 77 | 29.4 | 10.4 | 50.4 |
| 79 | 27.9 | 6.8 | 46.8 |



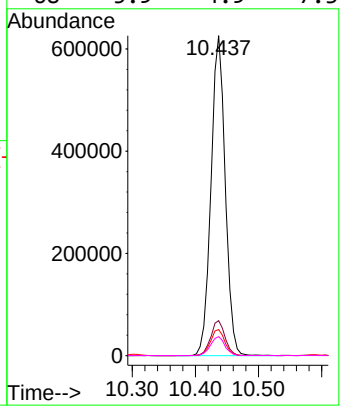


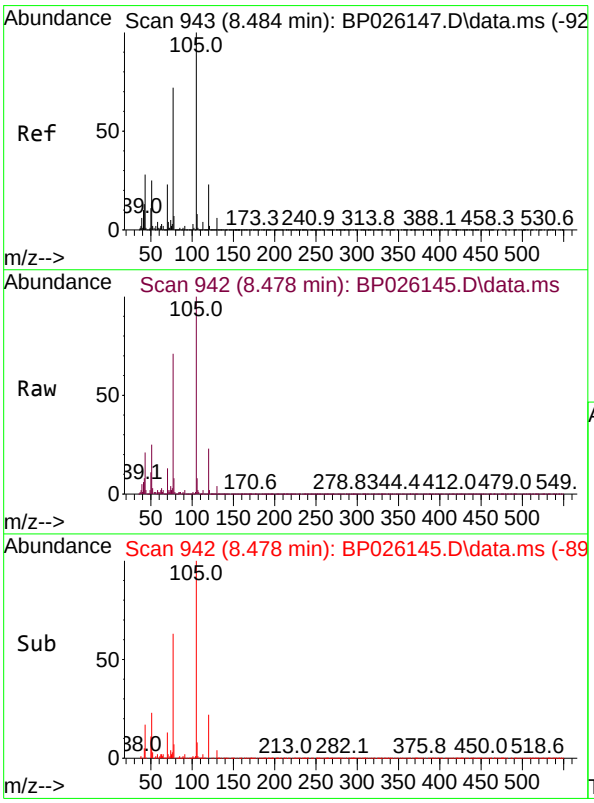

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:136 Resp: 980614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 8.1 | 6.4 | 9.6 |
| 68 | 5.9 | 4.9 | 7.3 |

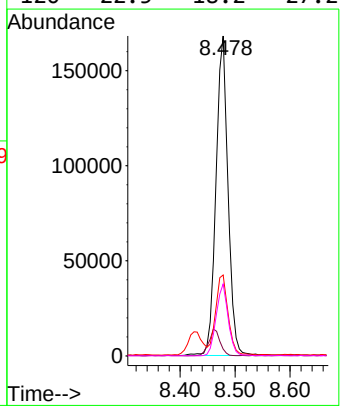


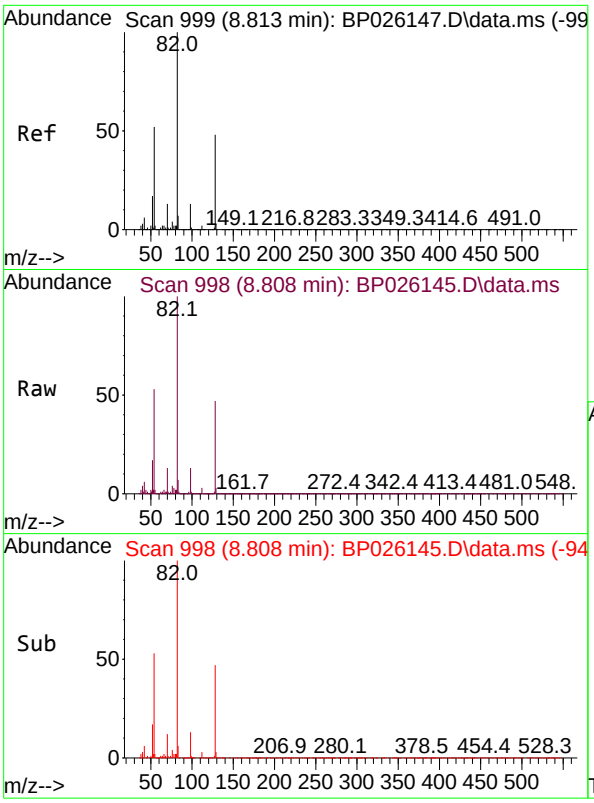




#22
Acetophenone
Concen: 10.340 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:105 Resp: 255635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.2 | 3.0 | 4.4# |
| 51 | 25.3 | 20.5 | 30.7 |
| 120 | 22.5 | 18.2 | 27.2 |



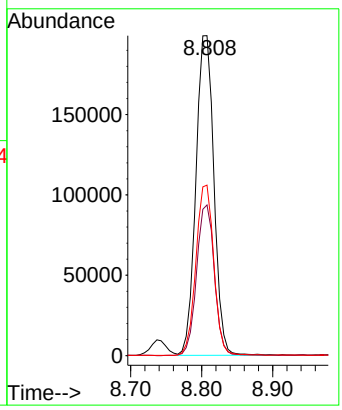


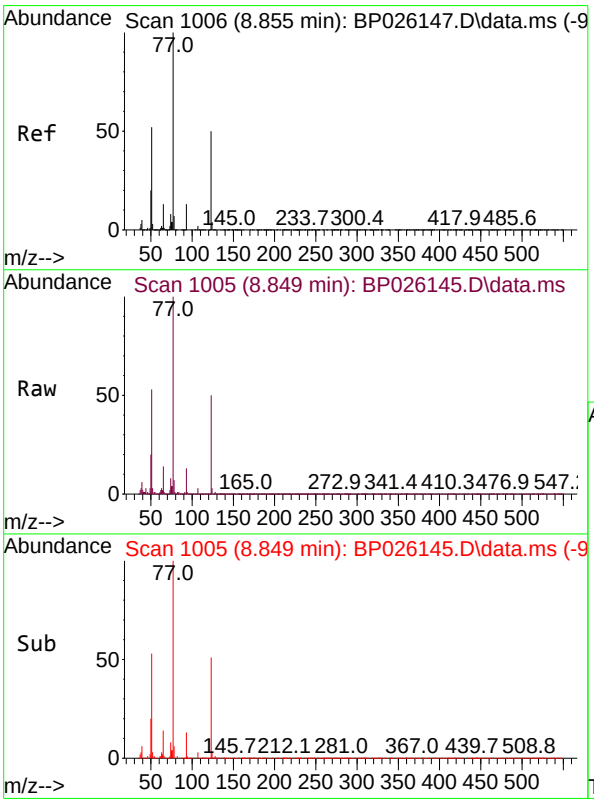

#23
Nitrobenzene-d5
Concen: 22.067 ng
RT: 8.808 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 349731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.1 | 37.4 | 56.0 |
| 54 | 53.3 | 41.6 | 62.4 |

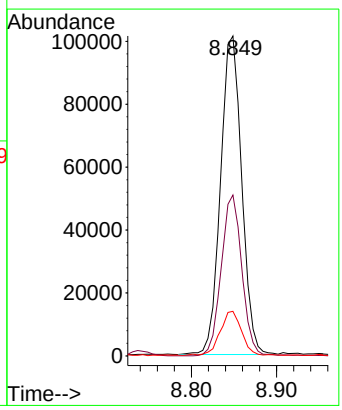


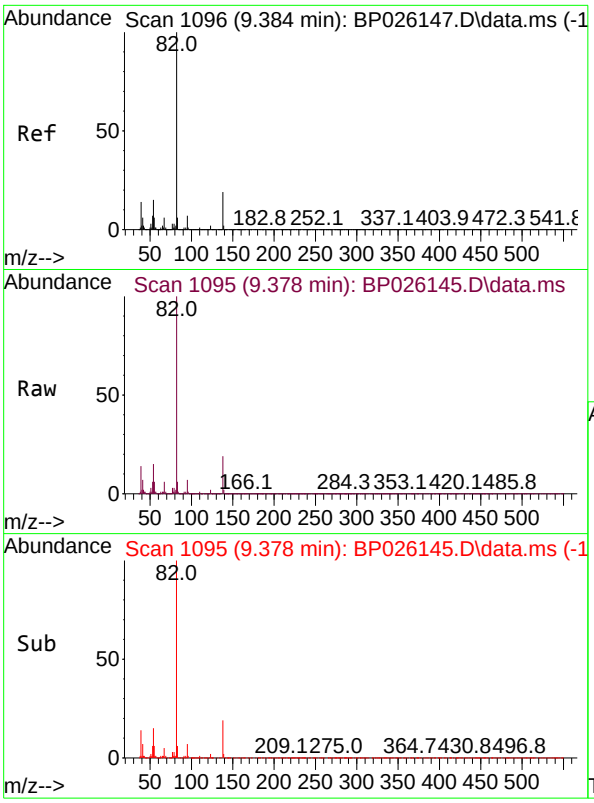




#24
Nitrobenzene
Concen: 10.525 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 77 Resp: 174709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.3 | 39.8 | 59.8 |
| 65 | 13.9 | 11.2 | 16.8 |



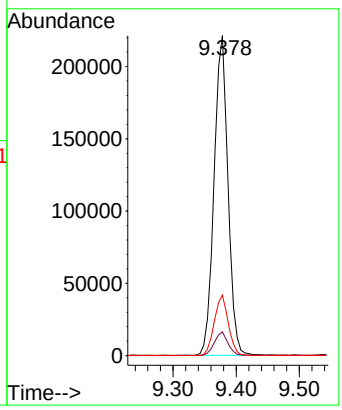


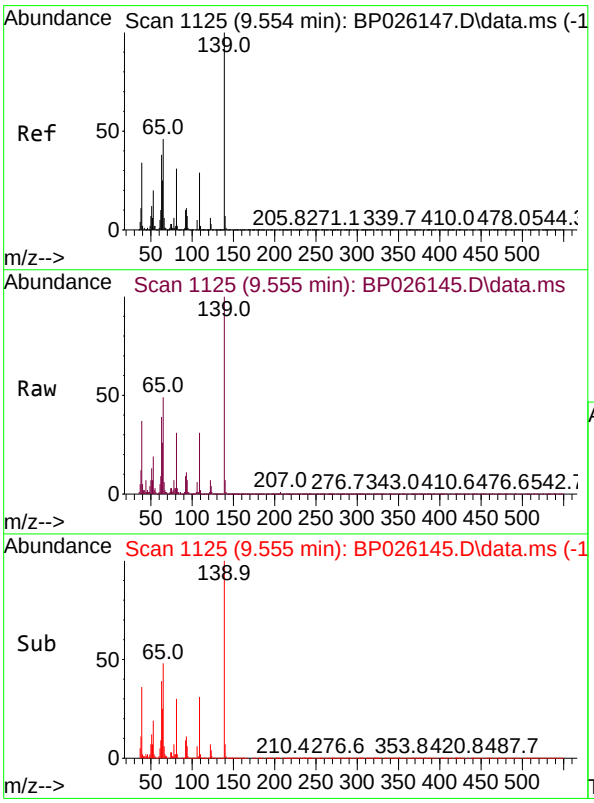

#25
Isophorone
Concen: 10.129 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 82 Resp: 339778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.4 | 8.0 |
| 138 | 18.9 | 15.4 | 23.0 |

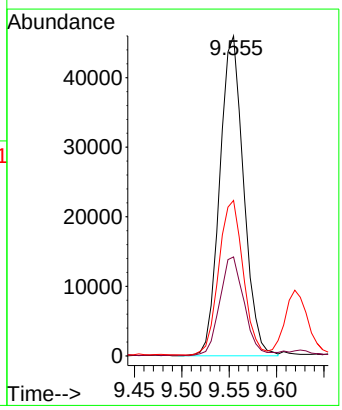


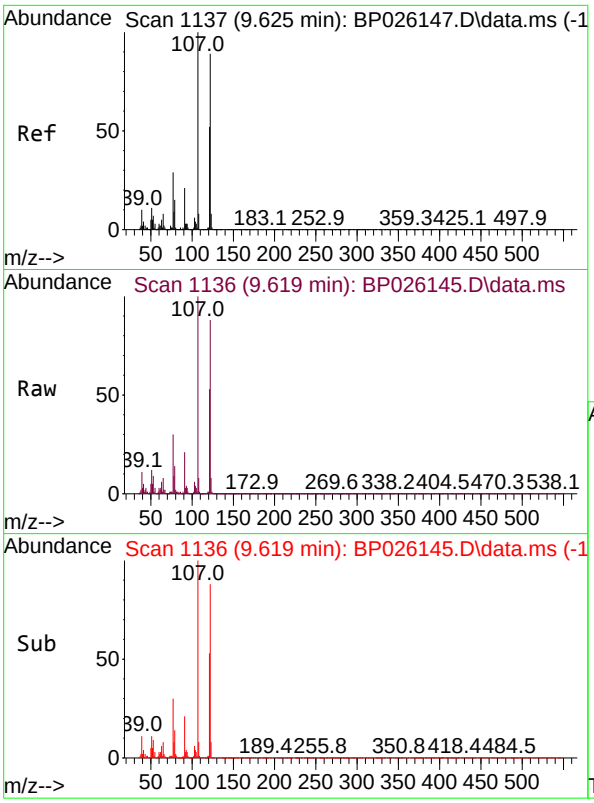




#26
2-Nitrophenol
Concen: 14.210 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:139 Resp: 80502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.9 | 22.3 | 33.5 |
| 65 | 48.6 | 37.2 | 55.8 |



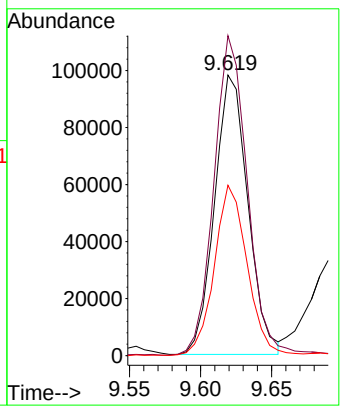


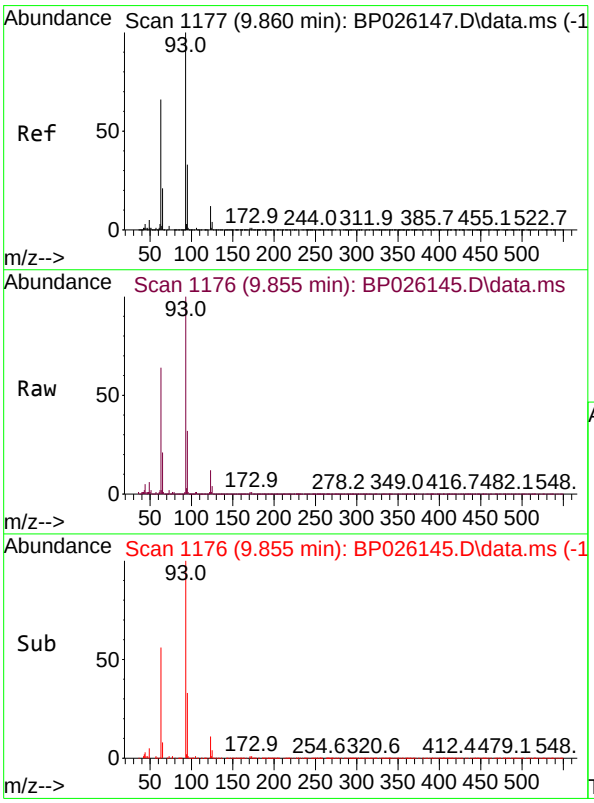

#27
2,4-Dimethylphenol
Concen: 11.184 ng
RT: 9.619 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:122 Resp: 160115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.1 | 91.0 | 136.6 |
| 121 | 60.7 | 47.0 | 70.6 |

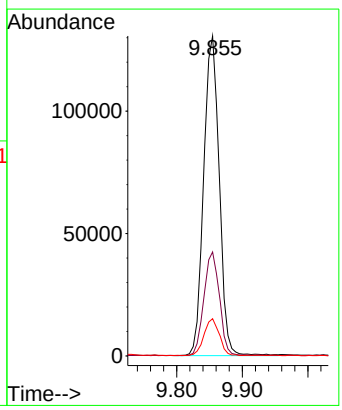


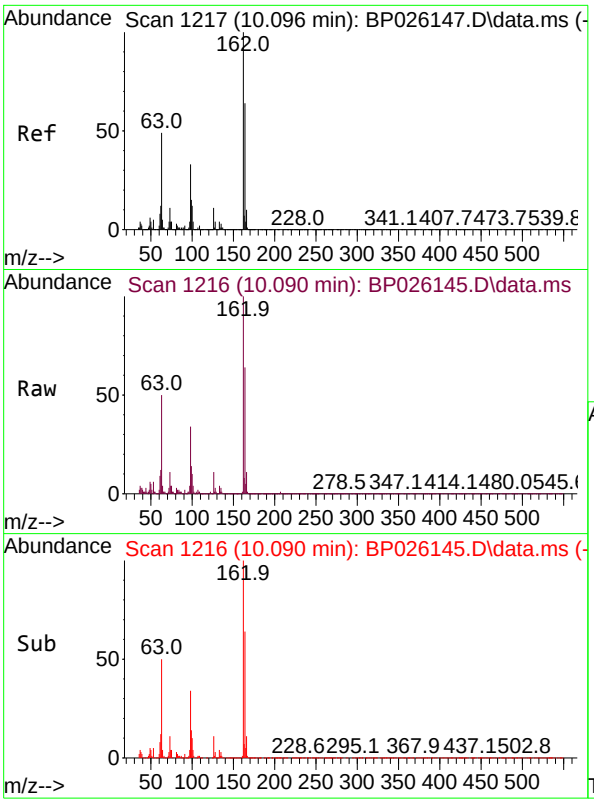




#28
bis(2-Chloroethoxy)methane
Concen: 10.157 ng
RT: 9.855 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 93 Resp: 215062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.4 | 39.6 |
| 123 | 11.6 | 9.4 | 14.0 |



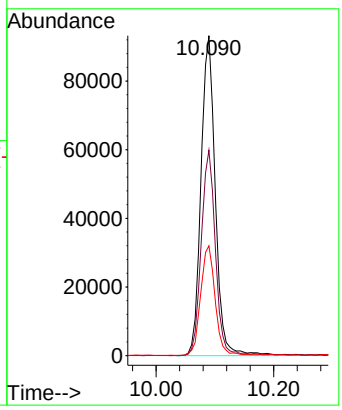


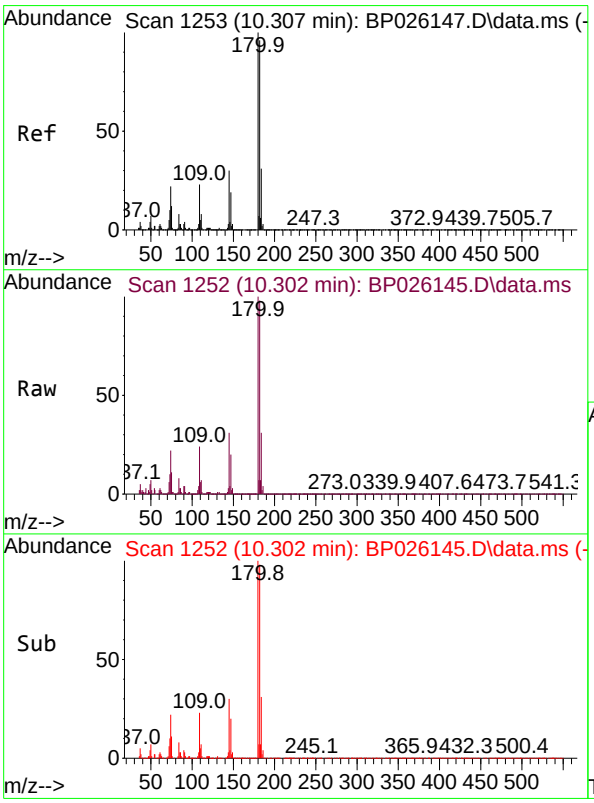

#29
2,4-Dichlorophenol
Concen: 10.558 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 157750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 43.8 | 83.8 |
| 98 | 34.3 | 14.1 | 54.1 |

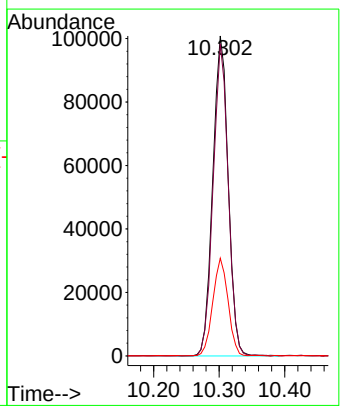


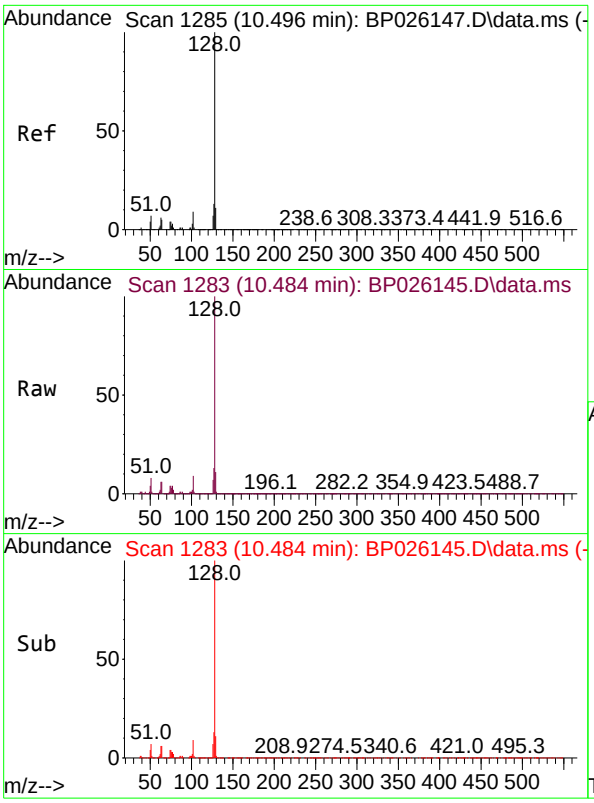




#30
1,2,4-Trichlorobenzene
Concen: 10.189 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:180 Resp: 165087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.5 | 78.1 | 117.1 |
| 145 | 30.5 | 24.2 | 36.4 |



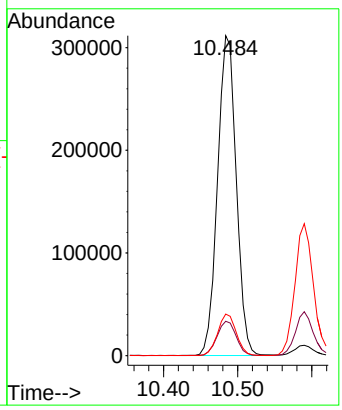


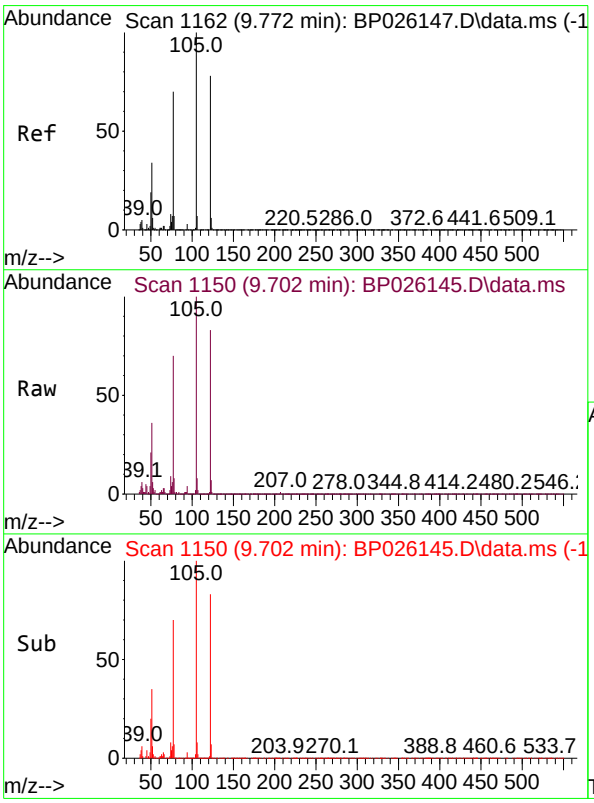

#31
Naphthalene
Concen: 10.256 ng
RT: 10.484 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:128 Resp: 546001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.0 | 13.6 |
| 127 | 13.0 | 10.2 | 15.4 |

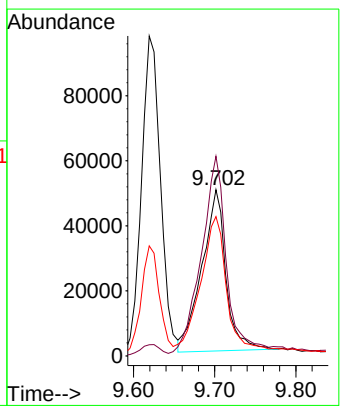


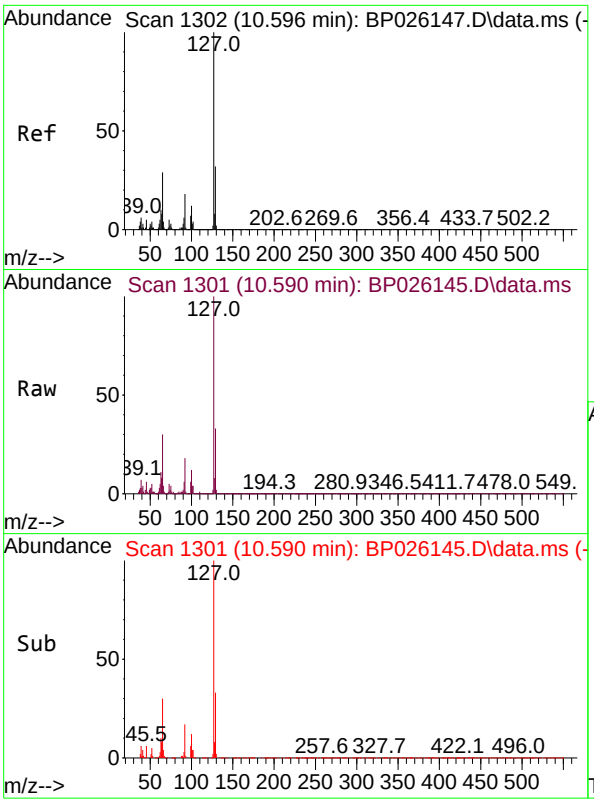




#32
Benzoic acid
Concen: 11.868 ng
RT: 9.702 min Scan# 1150
Delta R.T. -0.064 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:122 Resp: 102438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.1 | 100.1 | 140.1 |
| 77 | 83.9 | 66.7 | 106.7 |



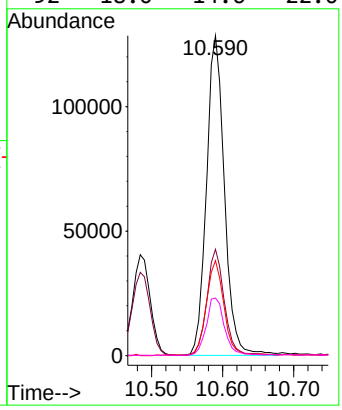


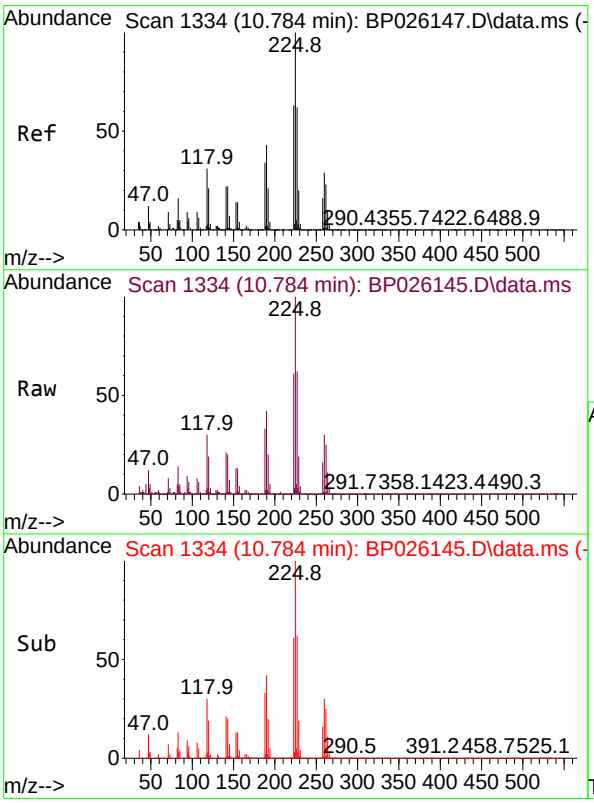

#33
4-Chloroaniline
Concen: 10.919 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:127 Resp: 225844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.2 | 25.8 | 38.8 |
| 65 | 29.7 | 22.7 | 34.1 |
| 92 | 18.0 | 14.6 | 22.0 |

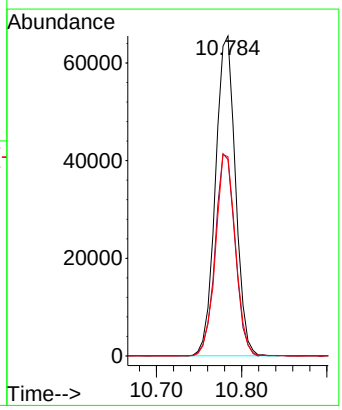


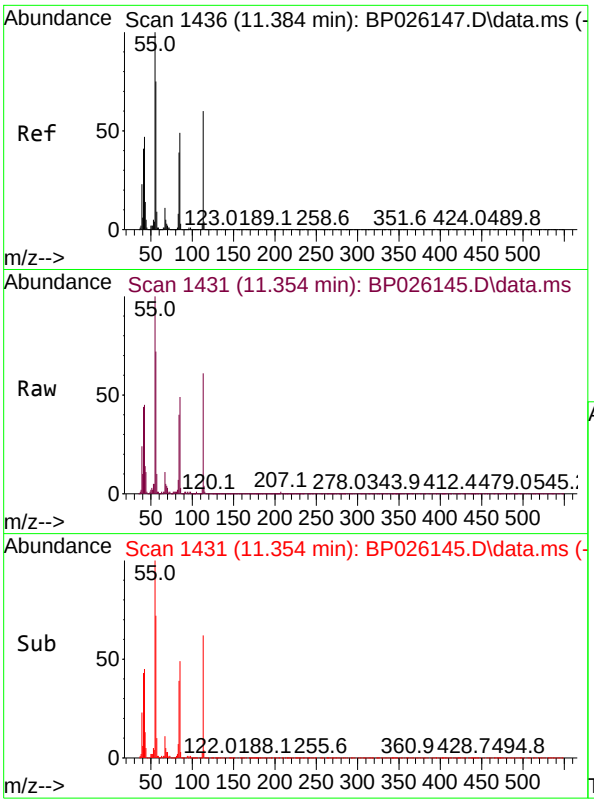




#34
Hexachlorobutadiene
Concen: 10.297 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:225 Resp: 106776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.4 | 49.6 | 74.4 |
| 227 | 62.2 | 51.2 | 76.8 |



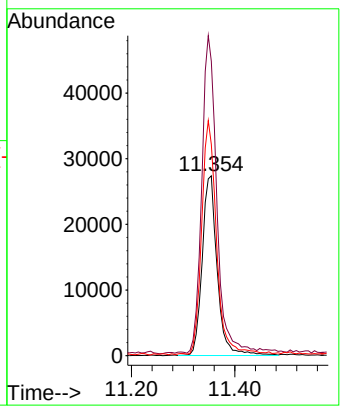


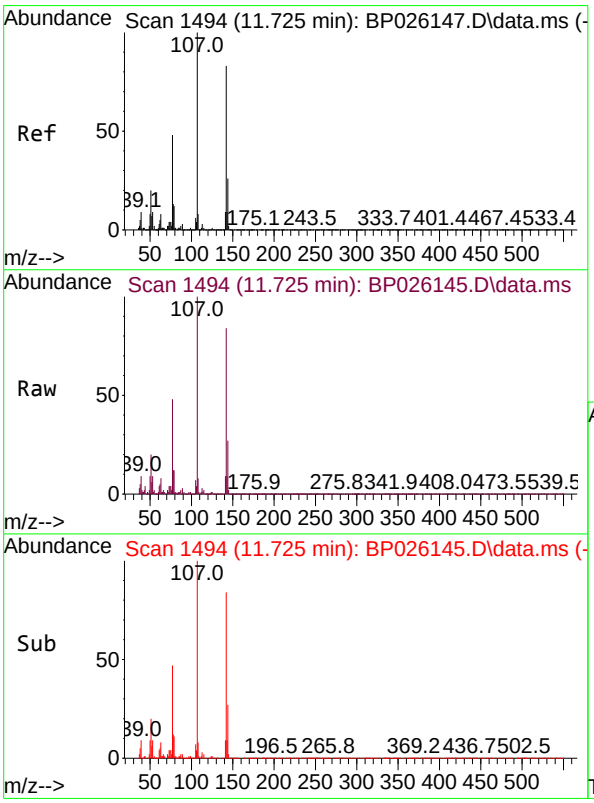

#35
Caprolactam
Concen: 10.571 ng
RT: 11.354 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:113 Resp: 55204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 163.8 | 153.0 | 193.0 |
| 56 | 117.6 | 106.4 | 146.4 |

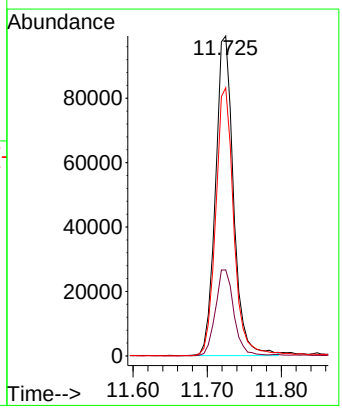


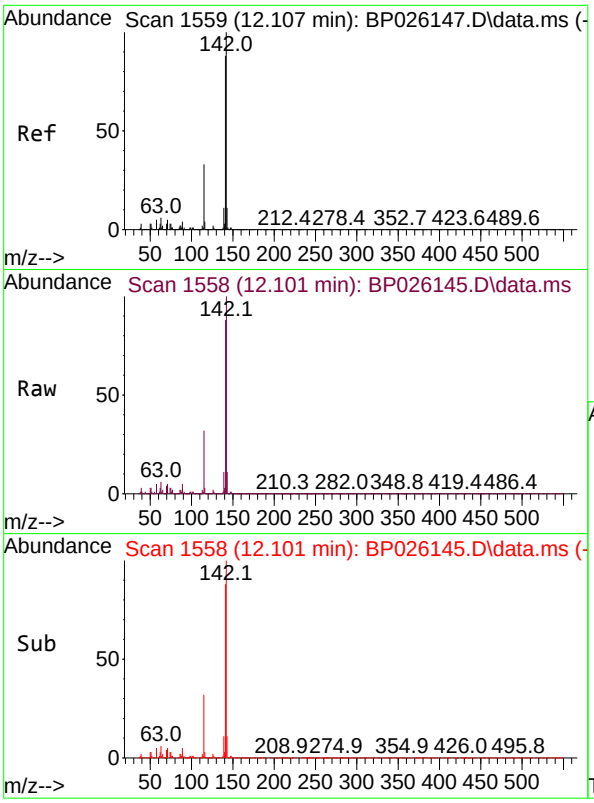




#36
4-Chloro-3-methylphenol
Concen: 10.736 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:107 Resp: 167761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.9 | 21.6 | 32.4 |
| 142 | 83.8 | 65.6 | 98.4 |



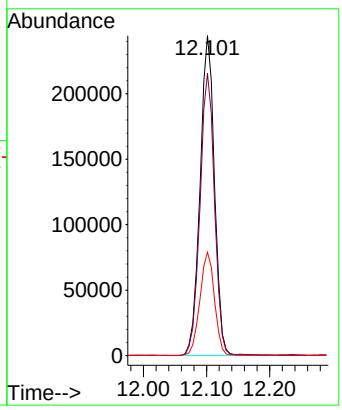


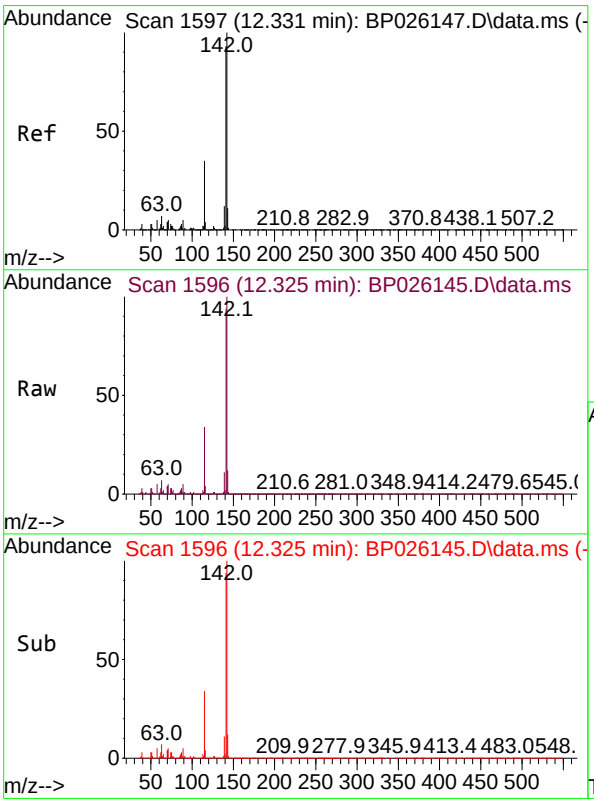

#37
2-Methylnaphthalene
Concen: 10.423 ng
RT: 12.101 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:142 Resp: 387952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 71.0 | 106.6 |
| 115 | 32.3 | 26.6 | 39.8 |

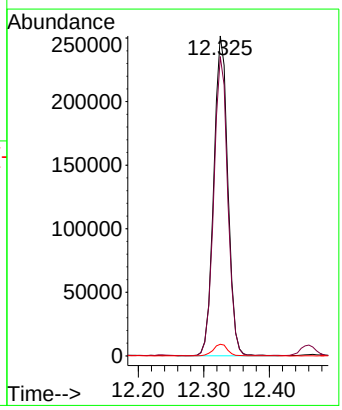


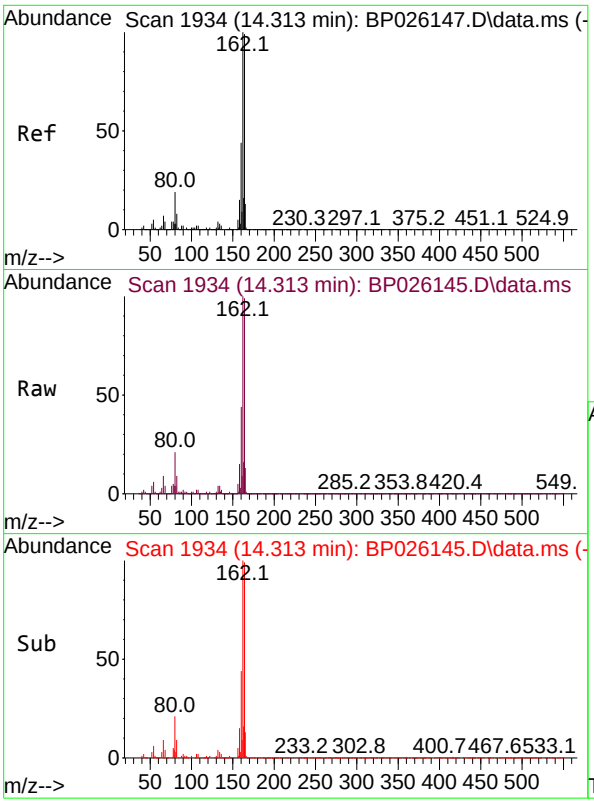




#38
1-Methylnaphthalene
Concen: 10.395 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:142 Resp: 376177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.5 | 73.5 | 110.3 |
| 116 | 3.6 | 3.0 | 4.4 |



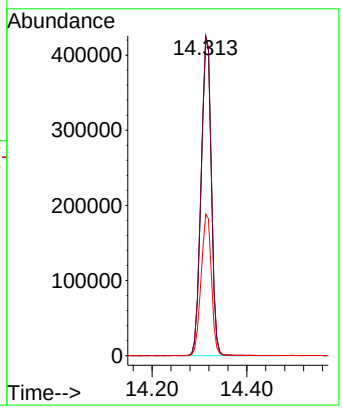


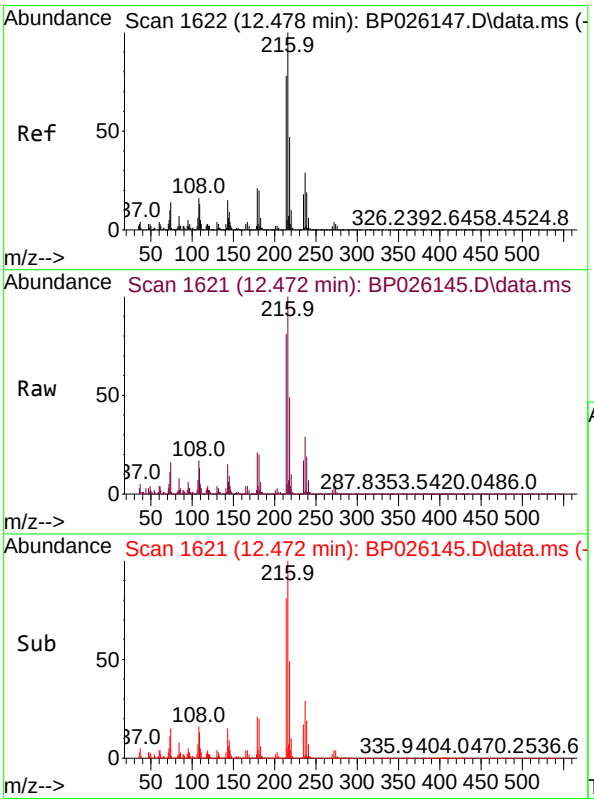

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:164 Resp: 630488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 80.3 | 120.5 |
| 160 | 44.6 | 35.2 | 52.8 |

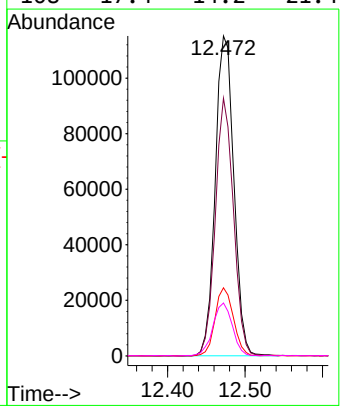


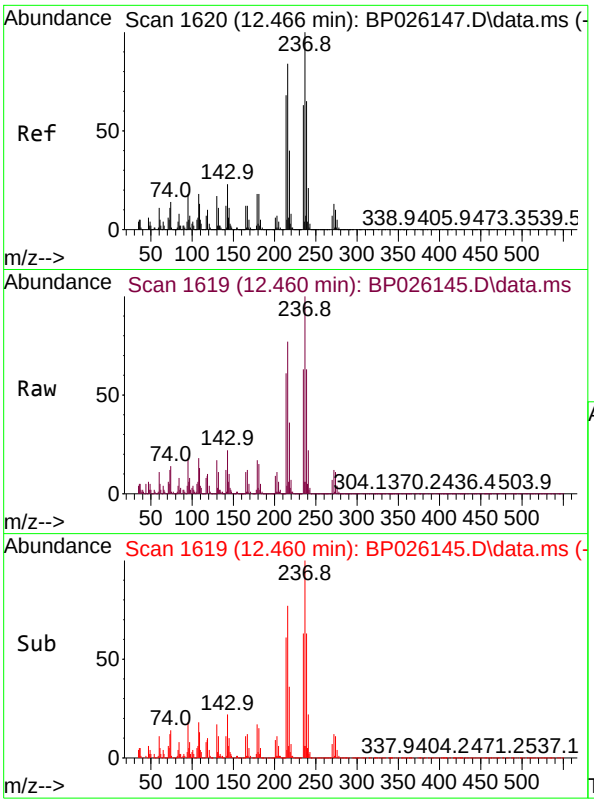




#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.860 ng
RT: 12.472 min Scan# 1621
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:216 Resp: 192367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 62.6 | 94.0 |
| 179 | 20.9 | 16.6 | 25.0 |
| 108 | 17.4 | 14.2 | 21.4 |



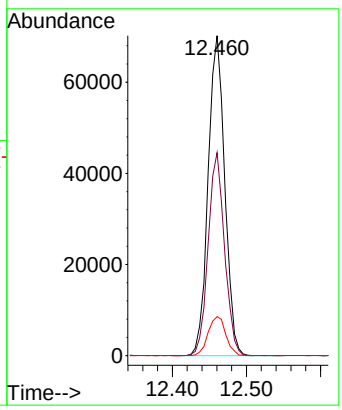


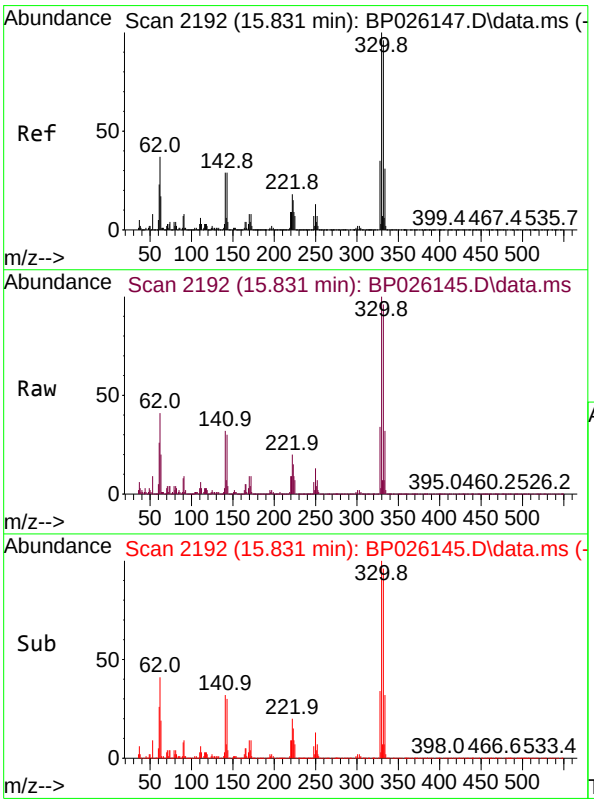

#41
Hexachlorocyclopentadiene
Concen: 13.468 ng
RT: 12.460 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:237 Resp: 109280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 43.3 | 83.3 |
| 272 | 12.2 | 0.0 | 32.9 |

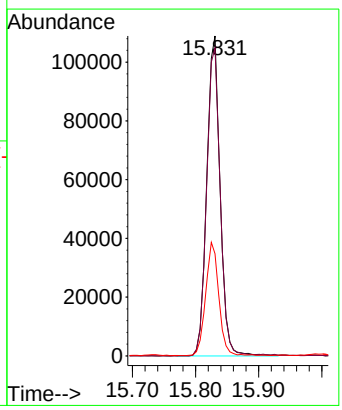


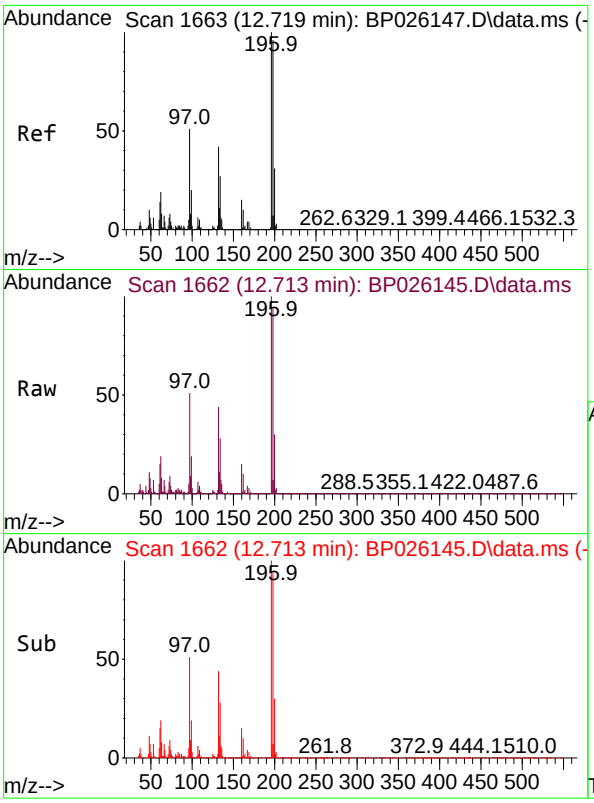




#42
2,4,6-Tribromophenol
Concen: 23.122 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:330 Resp: 159702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 78.0 | 117.0 |
| 141 | 35.0 | 26.8 | 40.2 |



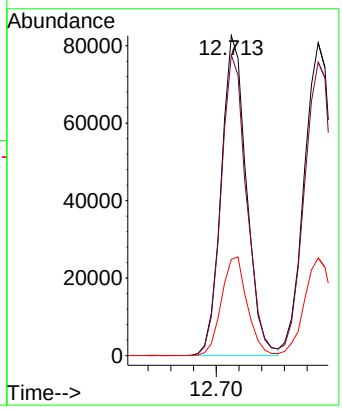


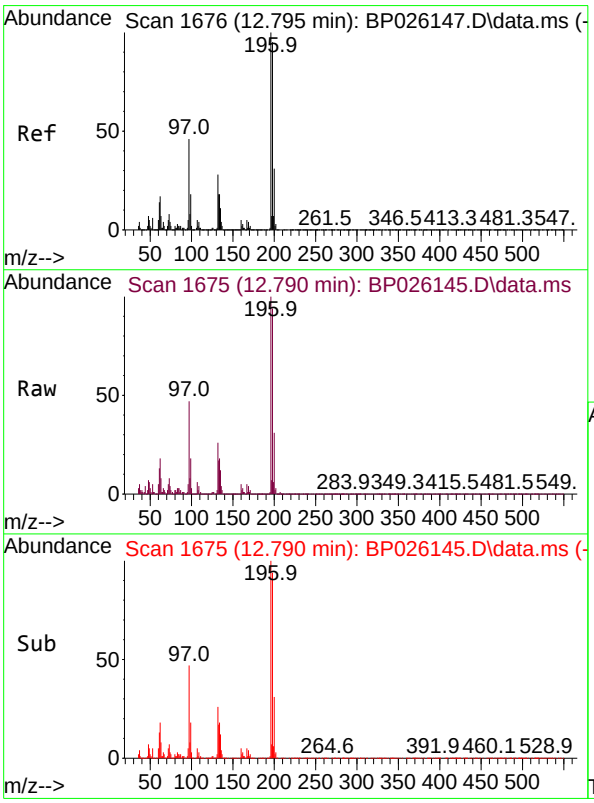

#43
2,4,6-Trichlorophenol
Concen: 10.910 ng
RT: 12.713 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:196 Resp: 127331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.0 | 76.9 | 115.3 |
| 200 | 30.1 | 24.6 | 37.0 |

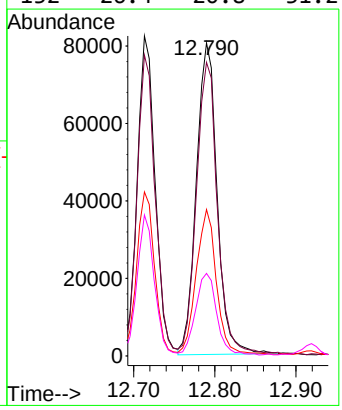


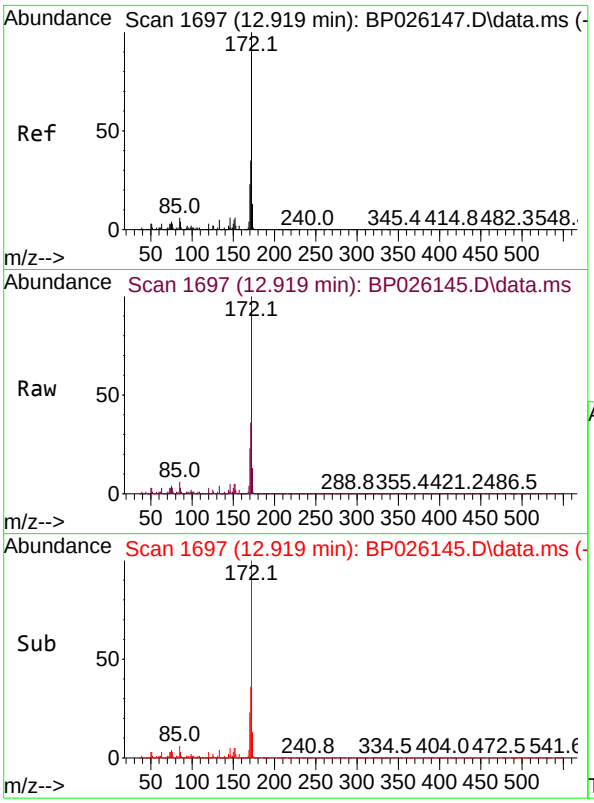




#44
2,4,5-Trichlorophenol
Concen: 10.794 ng
RT: 12.790 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:196 Resp: 143128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.8 | 76.4 | 114.6 |
| 97 | 46.8 | 35.7 | 53.5 |
| 132 | 26.4 | 20.8 | 31.2 |



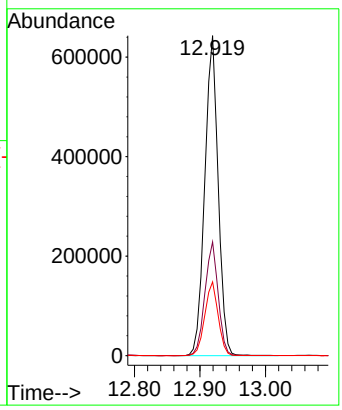


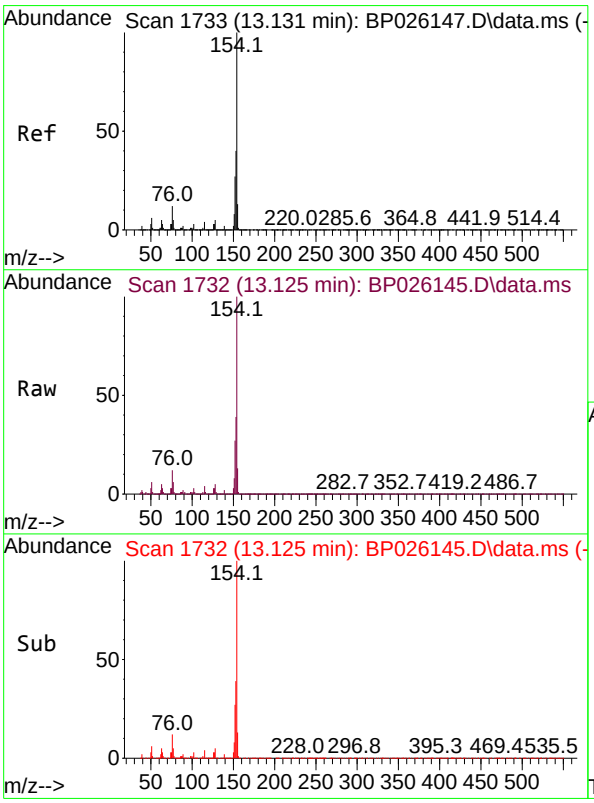

#45
2-Fluorobiphenyl
Concen: 20.807 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:172 Resp: 909238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.2 | 42.4 |
| 170 | 23.0 | 18.7 | 28.1 |

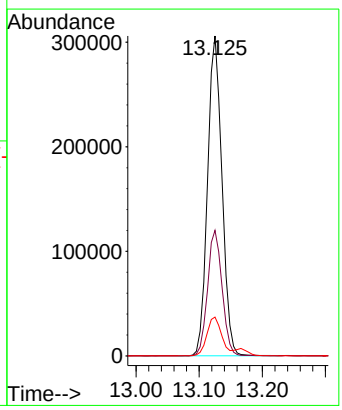


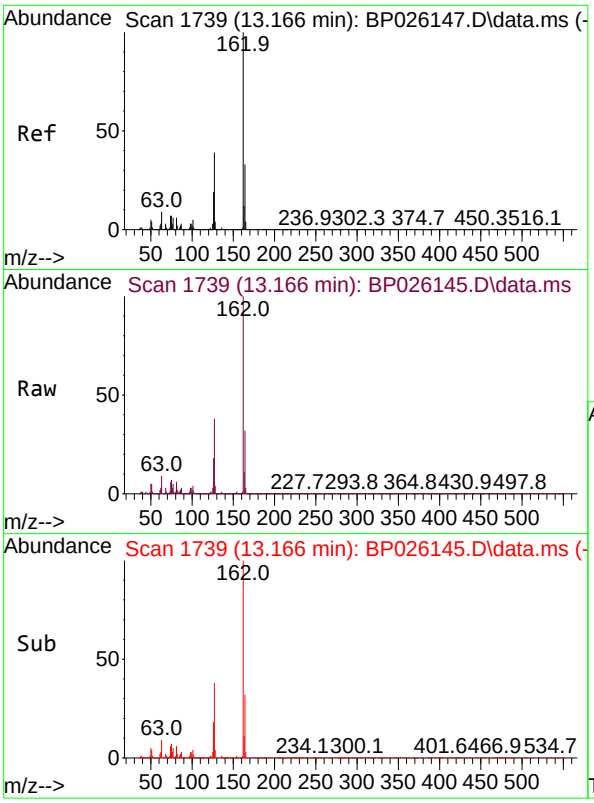




#46
1,1'-Biphenyl
Concen: 10.101 ng
RT: 13.125 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:154 Resp: 485448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.2 | 20.3 | 60.3 |
| 76 | 12.1 | 0.0 | 32.3 |



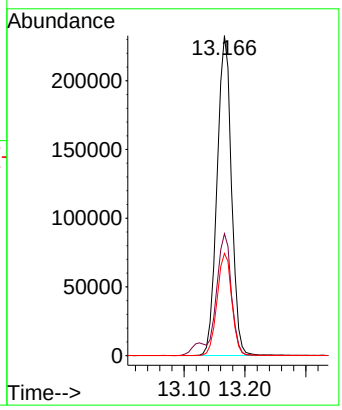


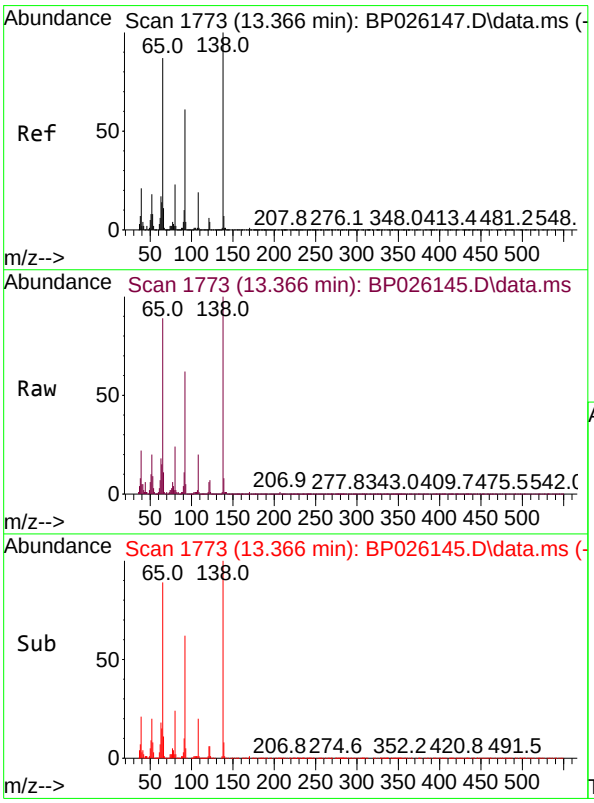

#47
2-Chloronaphthalene
Concen: 10.136 ng
RT: 13.166 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:162 Resp: 382981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.1 | 30.9 | 46.3 |
| 164 | 31.9 | 26.4 | 39.6 |

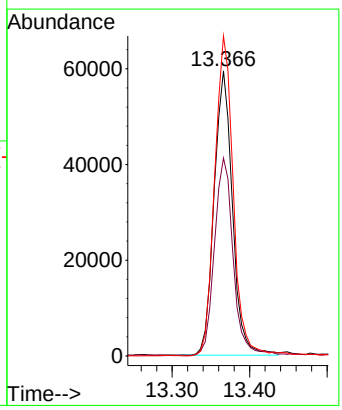


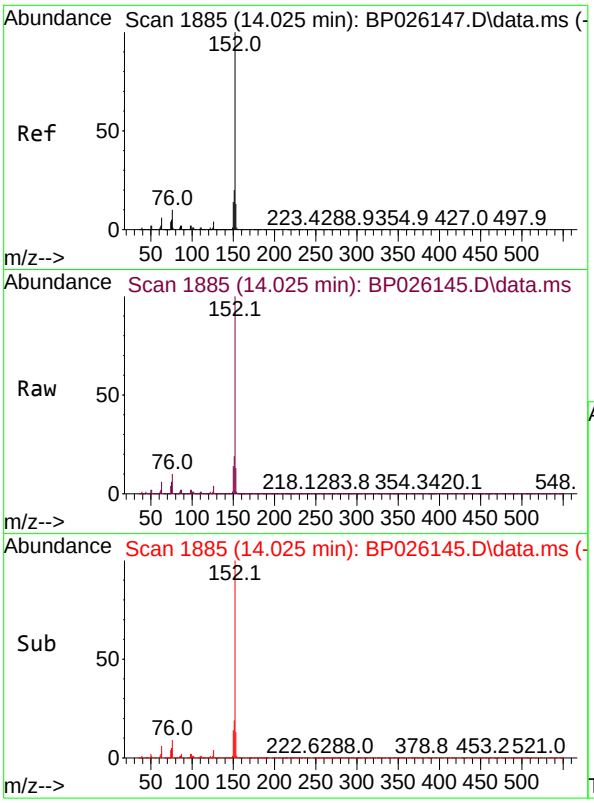




#48
2-Nitroaniline
Concen: 11.256 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 65 Resp: 97829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.4 | 59.1 | 88.7 |
| 138 | 112.3 | 96.6 | 145.0 |



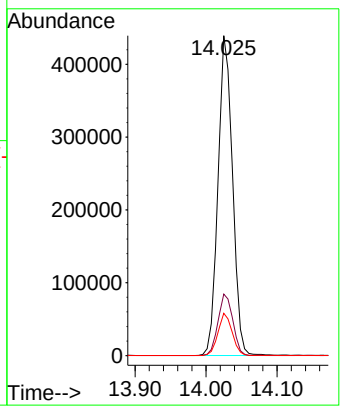


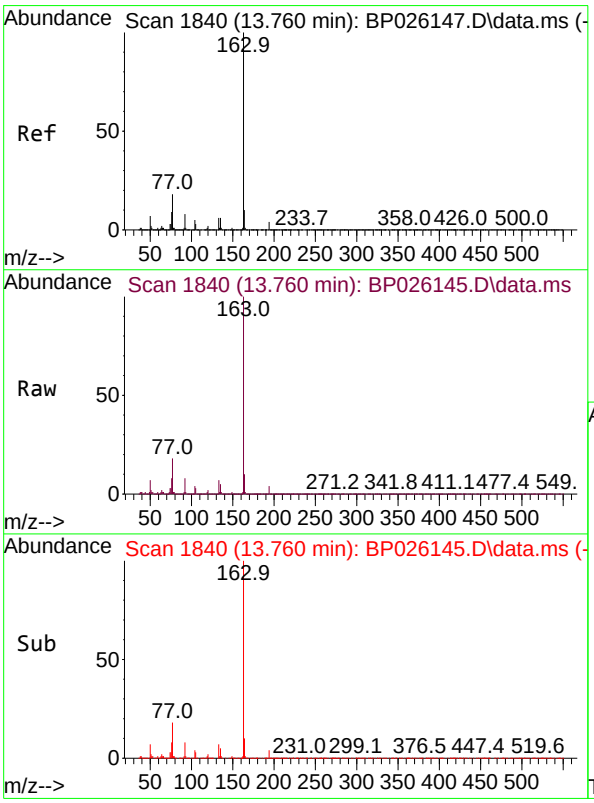

#49
Acenaphthylene
Concen: 11.215 ng
RT: 14.025 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:152 Resp: 626312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |

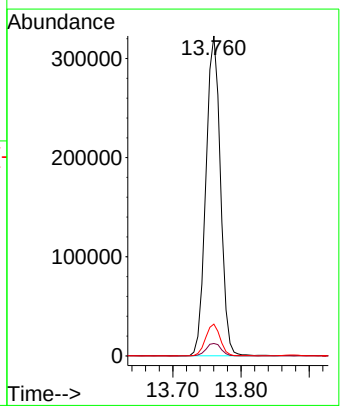


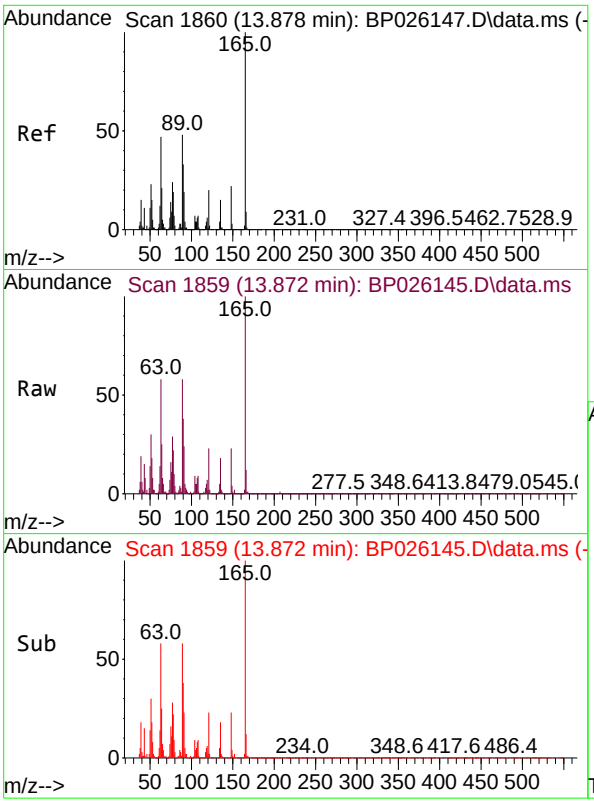




#50
Dimethylphthalate
Concen: 10.476 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:163 Resp: 478267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.3 | 4.9 |
| 164 | 9.9 | 8.2 | 12.2 |



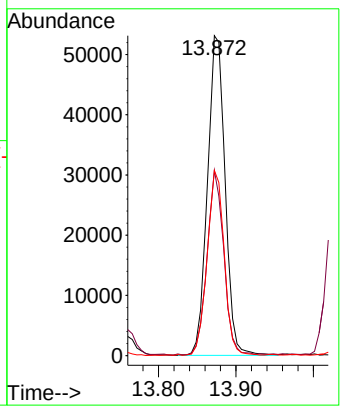


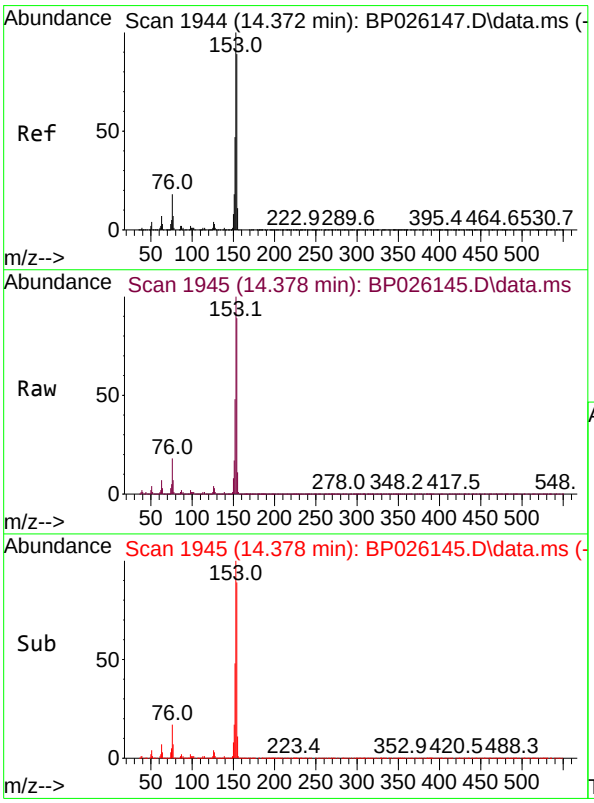

#51
2,6-Dinitrotoluene
Concen: 10.948 ng
RT: 13.872 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 84028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.9 | 40.5 | 60.7 |
| 89 | 57.9 | 41.3 | 61.9 |

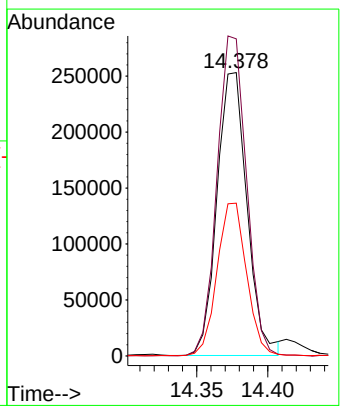


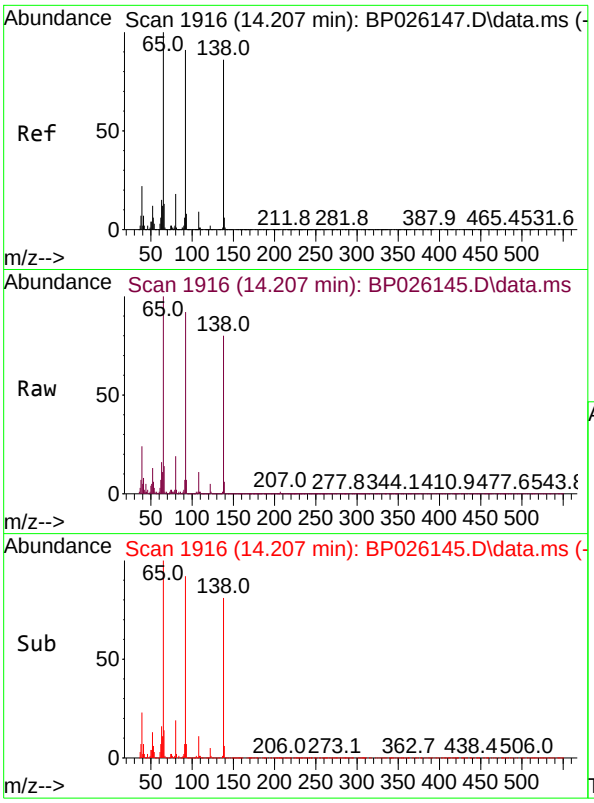




#52
Acenaphthene
Concen: 9.972 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:154 Resp: 372613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.9 | 90.7 | 136.1 |
| 152 | 53.9 | 42.8 | 64.2 |



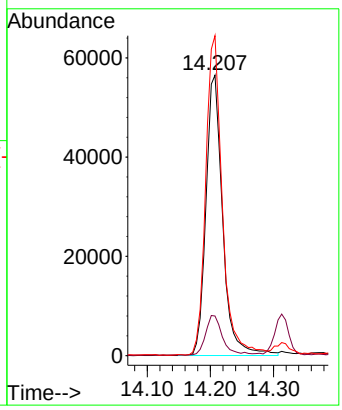


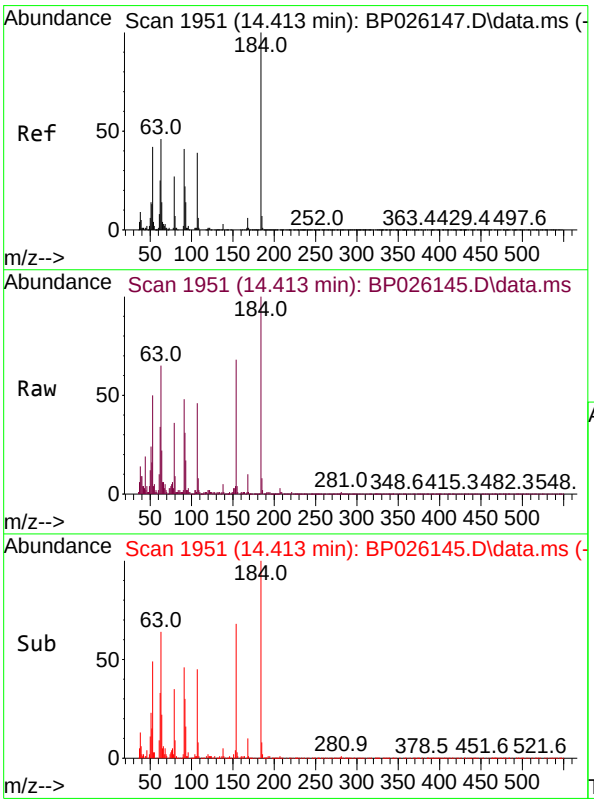

#53
3-Nitroaniline
Concen: 11.189 ng
RT: 14.207 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:138 Resp: 103894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.1 | 8.9 | 13.3# |
| 92 | 114.1 | 86.3 | 129.5 |

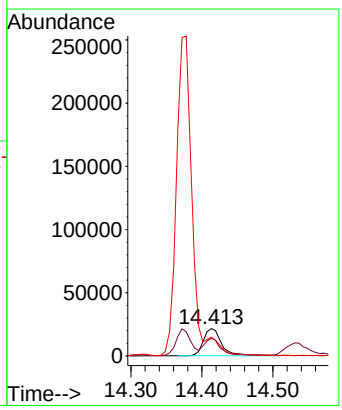


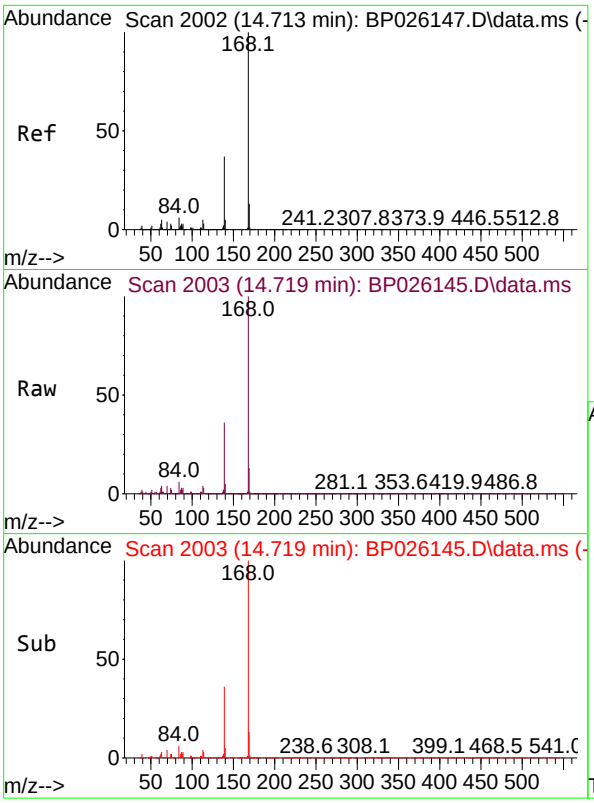




#54
2,4-Dinitrophenol
Concen: 11.062 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:184 Resp: 38962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 64.9 | 43.1 | 64.7# |
| 154 | 68.2 | 49.5 | 74.3 |



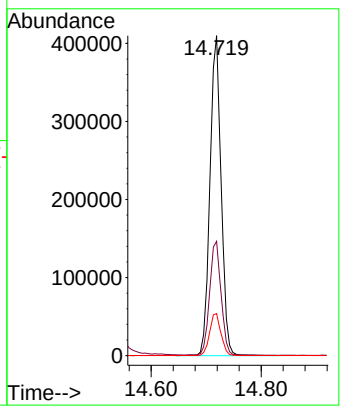


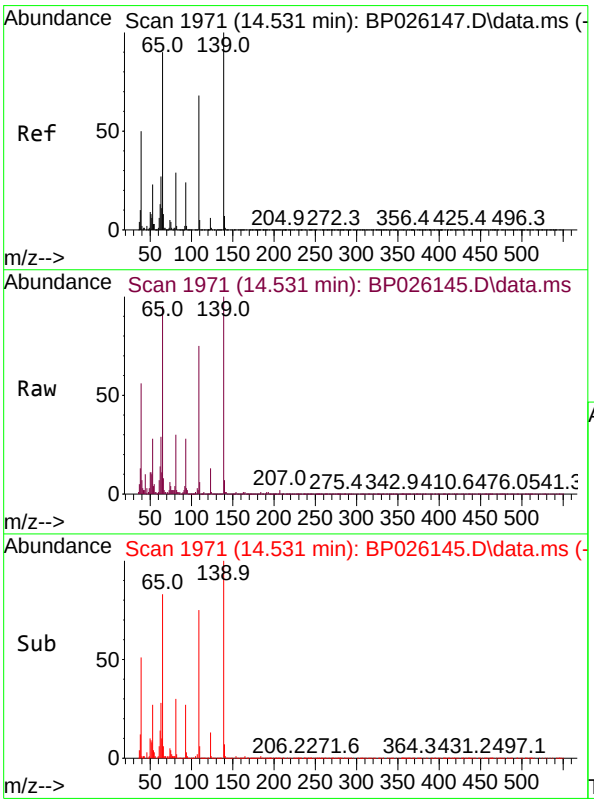

#55
Dibenzofuran
Concen: 10.148 ng
RT: 14.719 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:168 Resp: 577473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.7 | 29.8 | 44.6 |
| 169 | 13.1 | 10.9 | 16.3 |

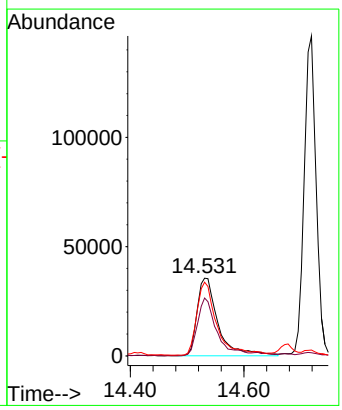


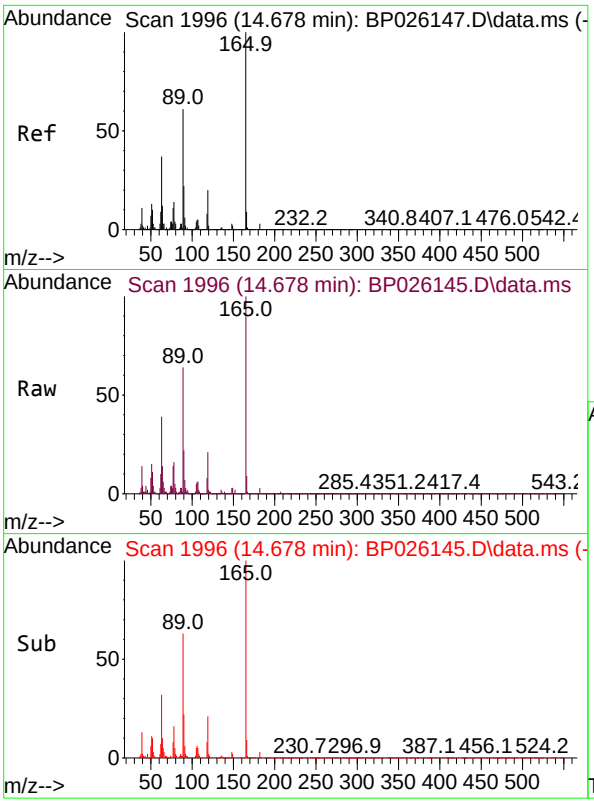




#56
4-Nitrophenol
Concen: 9.876 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:139 Resp: 91274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 74.5 | 46.8 | 86.8 |
| 65 | 94.9 | 69.3 | 109.3 |



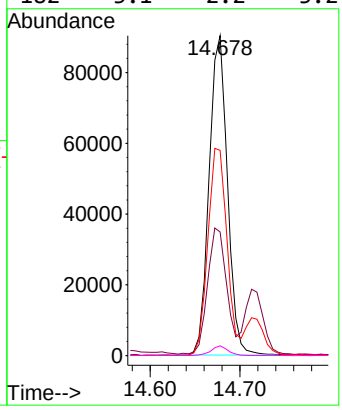


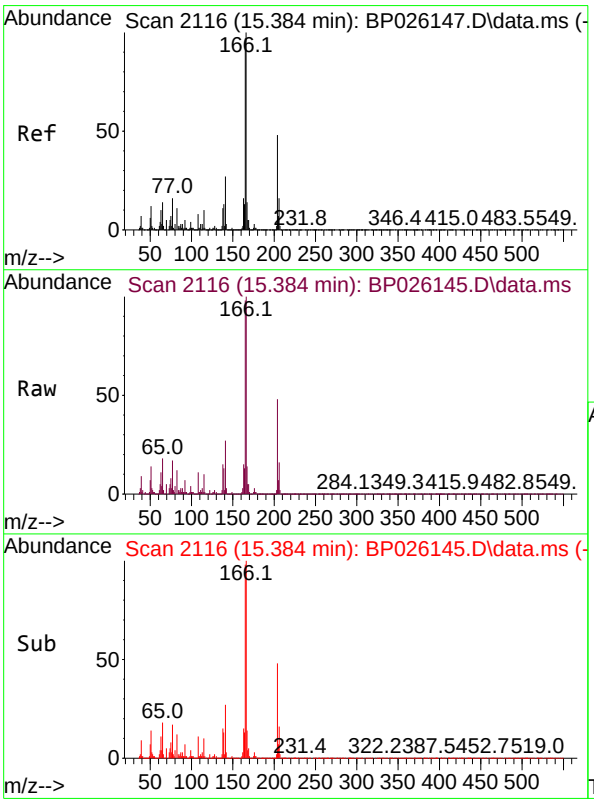

#57
2,4-Dinitrotoluene
Concen: 11.467 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:165 Resp: 128442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.6 | 31.0 | 46.6 |
| 89 | 64.1 | 51.7 | 77.5 |
| 182 | 3.1 | 2.2 | 3.2 |

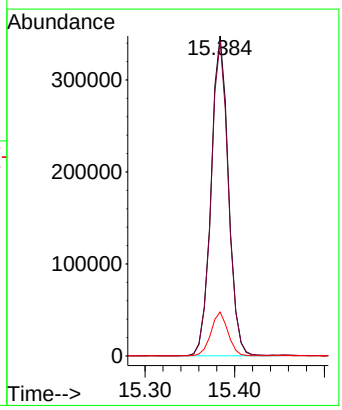


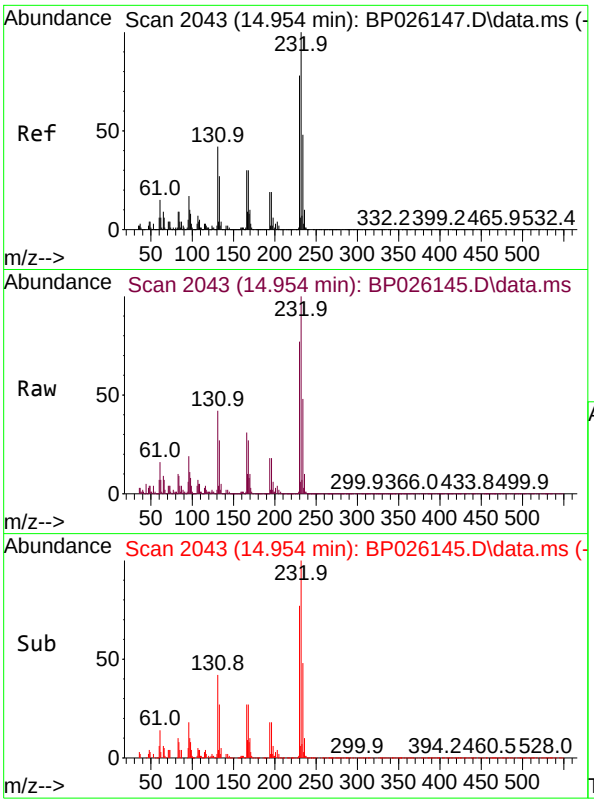




#58
Fluorene
Concen: 10.507 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:166 Resp: 469782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.3 | 77.9 | 116.9 |
| 167 | 13.7 | 11.0 | 16.4 |



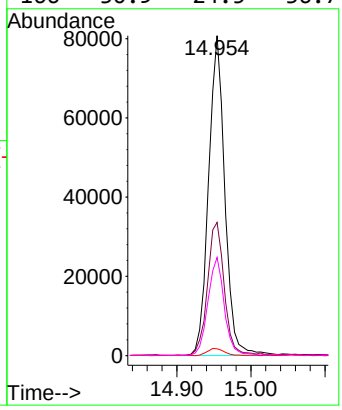


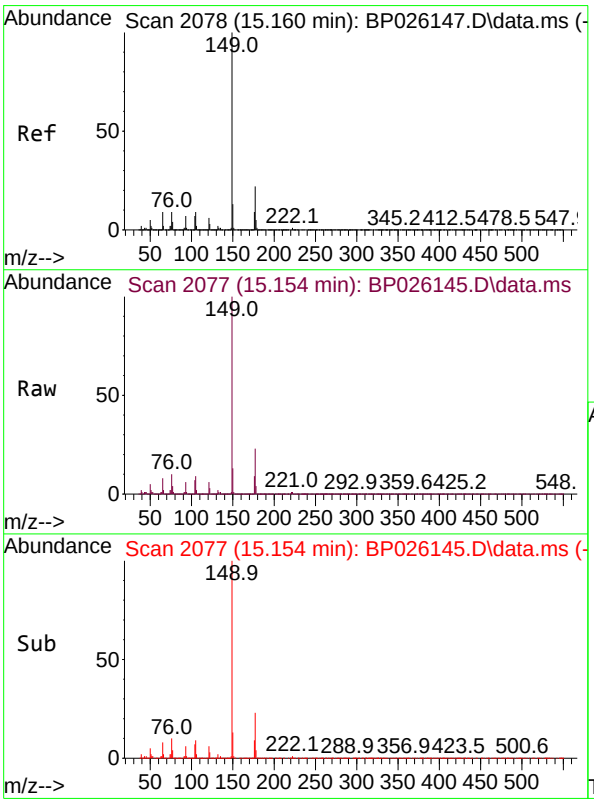

#59
2,3,4,6-Tetrachlorophenol
Concen: 11.749 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:232 Resp: 123375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 34.8 | 52.2 |
| 130 | 2.4 | 1.8 | 2.8 |
| 166 | 30.9 | 24.5 | 36.7 |

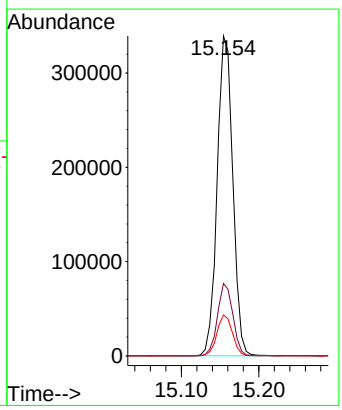


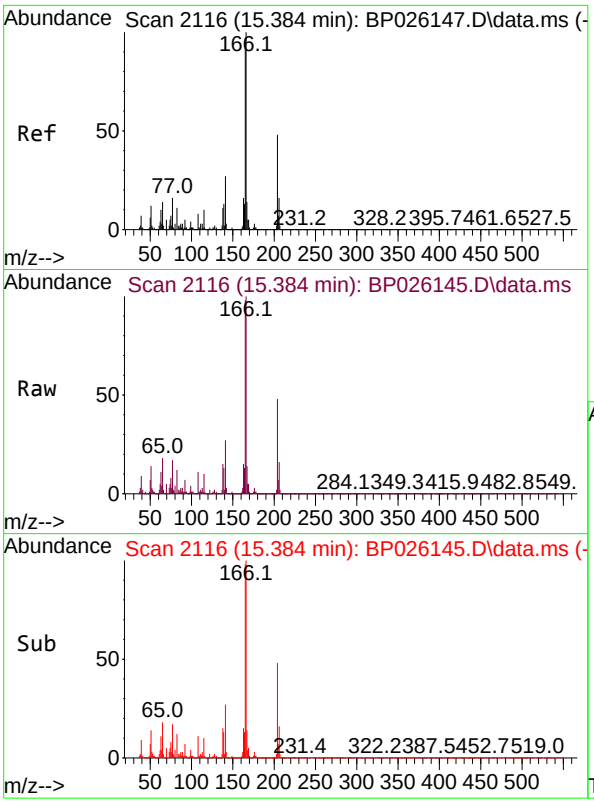




#60
Diethylphthalate
Concen: 10.343 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 475038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 17.9 | 26.9 |
| 150 | 12.8 | 9.9 | 14.9 |



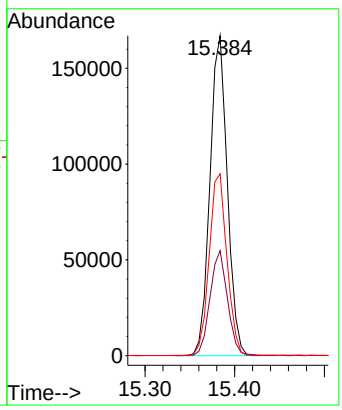


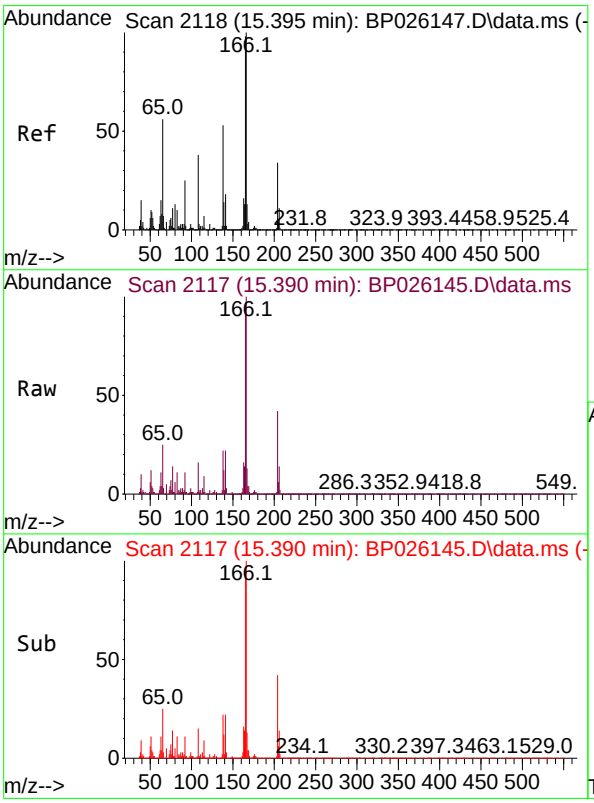

#61
4-Chlorophenyl-phenylether
Concen: 10.144 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:204 Resp: 226085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 26.2 | 39.2 |
| 141 | 56.8 | 48.1 | 72.1 |

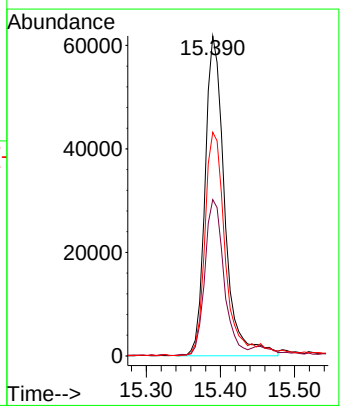


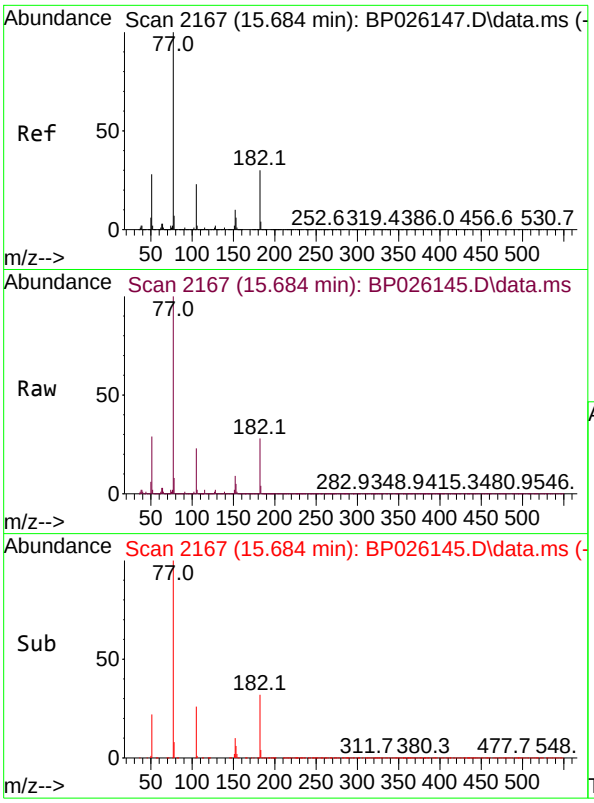




#62
4-Nitroaniline
Concen: 11.490 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:138 Resp: 113144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.8 | 27.5 | 67.5 |
| 108 | 69.9 | 51.1 | 91.1 |



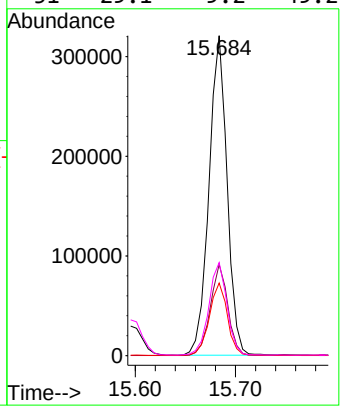


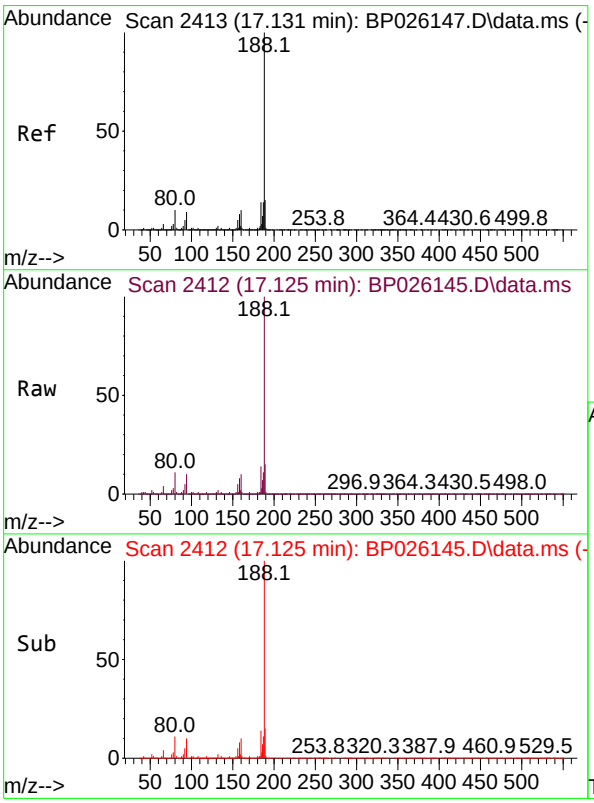

#63
Azobenzene
Concen: 9.741 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion: 77 Resp: 402256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.5 | 8.8 | 48.8 |
| 105 | 22.7 | 2.6 | 42.6 |
| 51 | 29.1 | 9.2 | 49.2 |

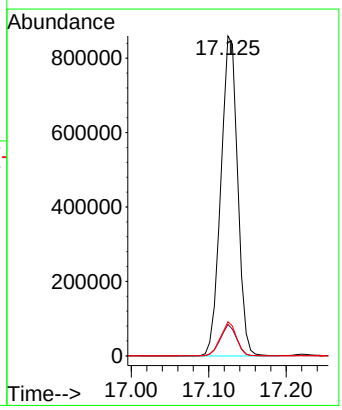


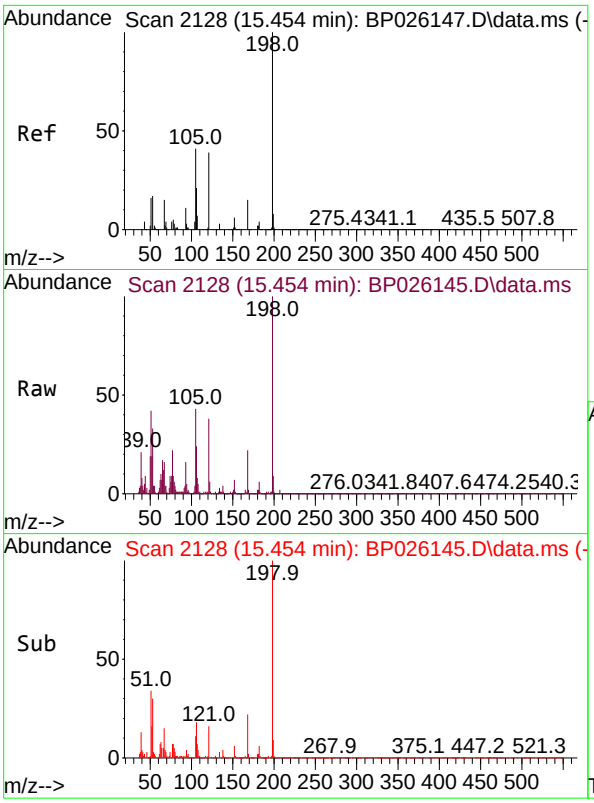




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:188 Resp: 1297120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.9 | 7.8 | 11.6 |
| 80 | 10.7 | 8.2 | 12.2 |



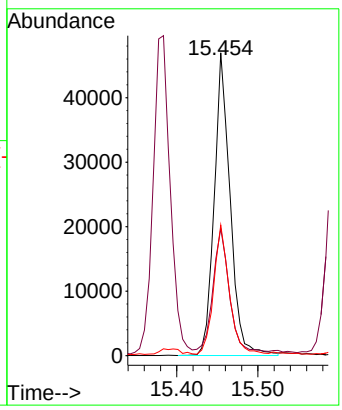


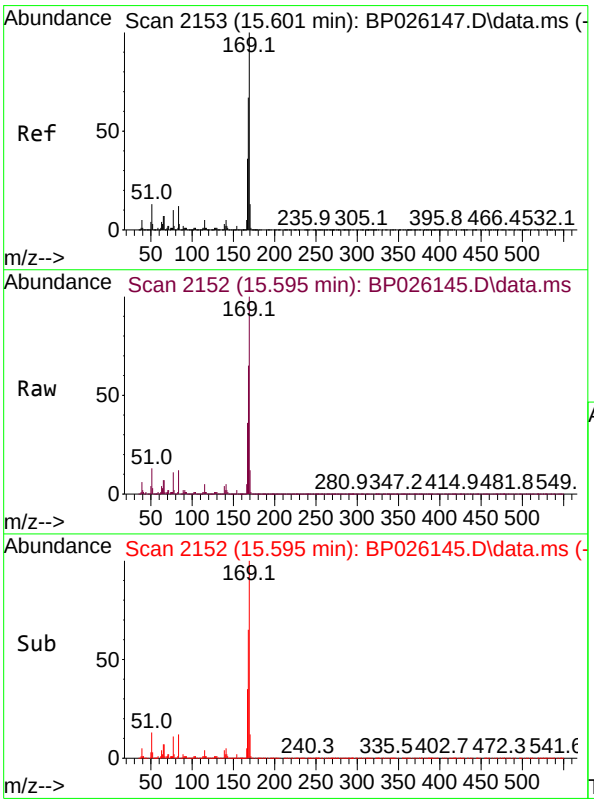

#65
4,6-Dinitro-2-methylphenol
Concen: 11.592 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:198 Resp: 64177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.0 | 18.4 | 58.4 |
| 105 | 43.1 | 18.5 | 58.5 |

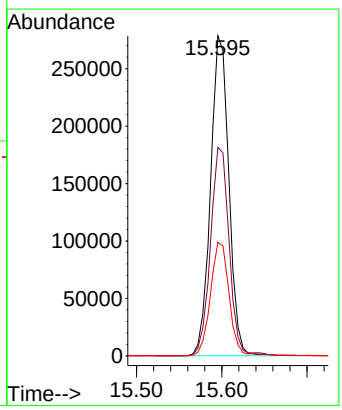


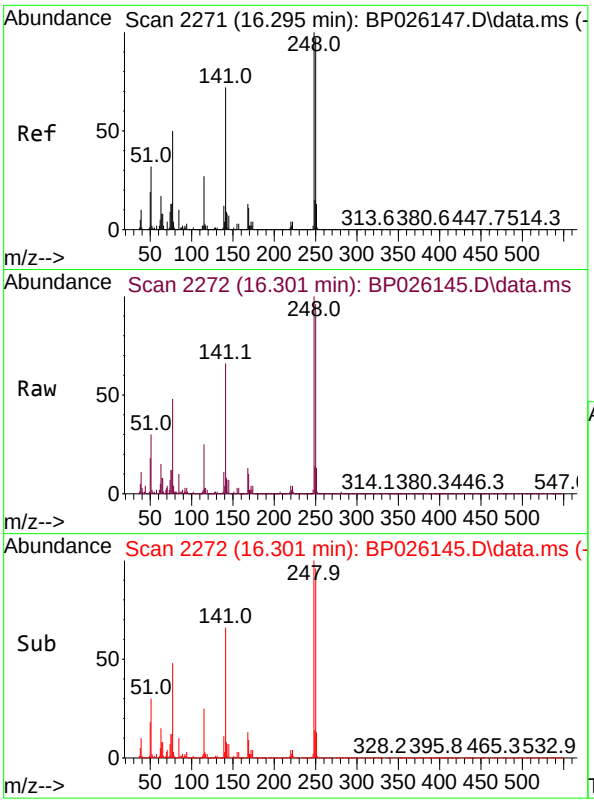




#66
n-Nitrosodiphenylamine
Concen: 10.270 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:169 Resp: 415043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.1 | 53.1 | 79.7 |
| 167 | 35.5 | 28.9 | 43.3 |



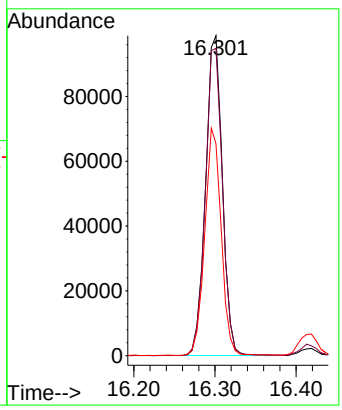


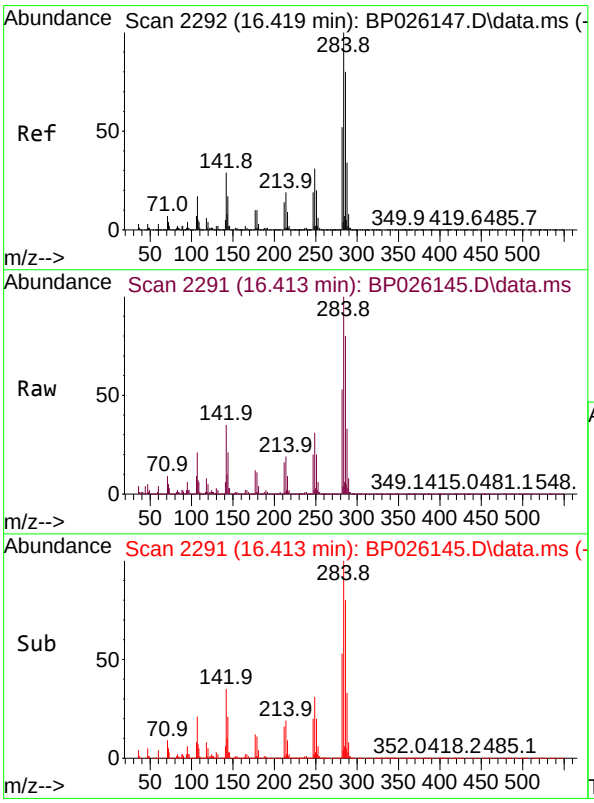

#67
4-Bromophenyl-phenylether
Concen: 9.873 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:248 Resp: 142168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 77.8 | 116.6 |
| 141 | 66.2 | 55.4 | 83.0 |

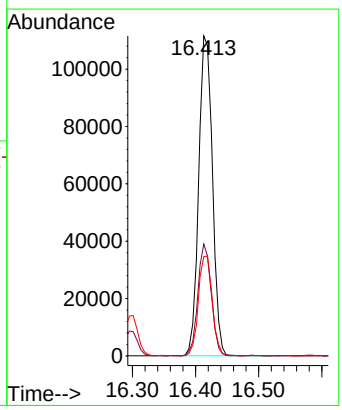


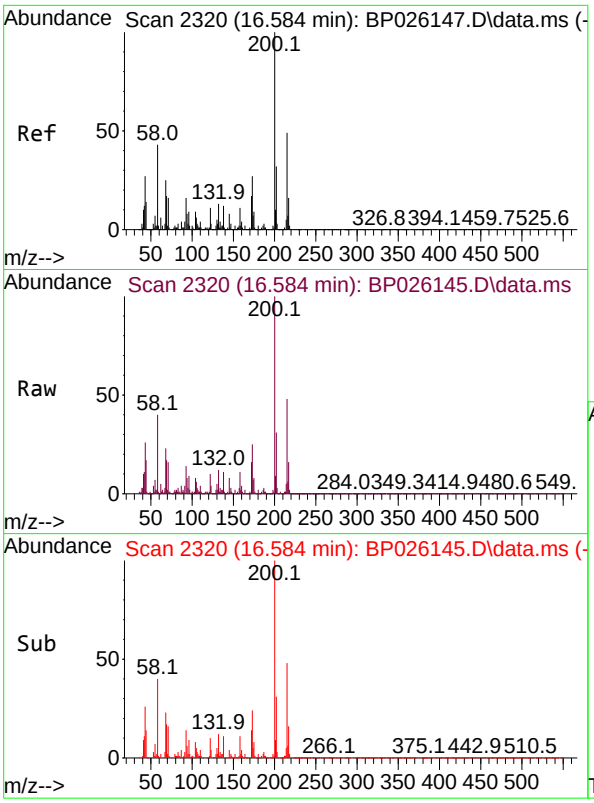




#68
Hexachlorobenzene
Concen: 10.292 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:284 Resp: 168597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.0 | 28.0 | 42.0 |
| 249 | 31.0 | 25.0 | 37.4 |



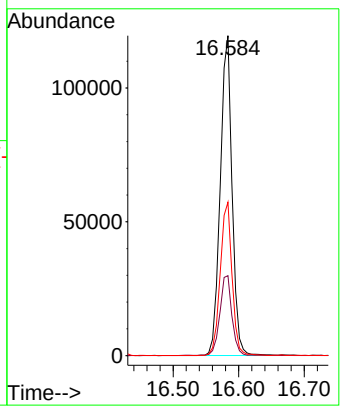


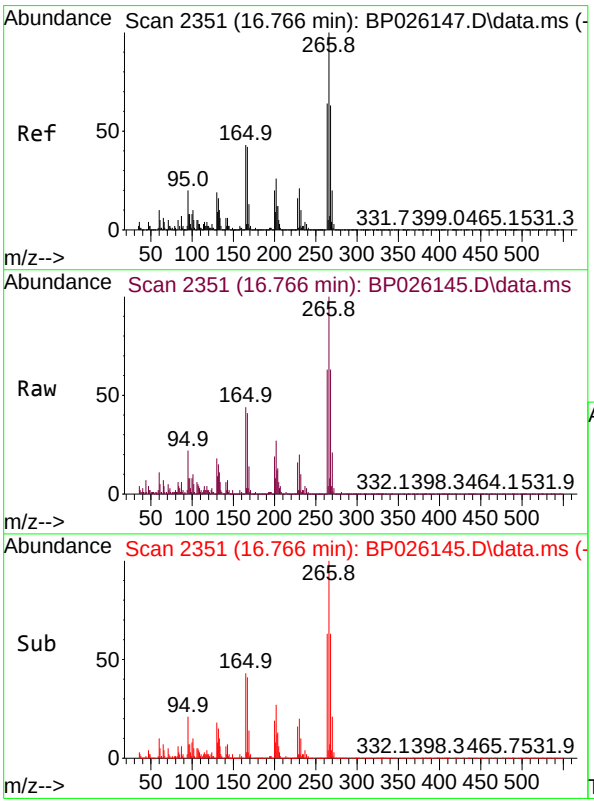

#69
Atrazine
Concen: 10.842 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:200 Resp: 150203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.0 | 6.7 | 46.7 |
| 215 | 47.9 | 27.4 | 67.4 |

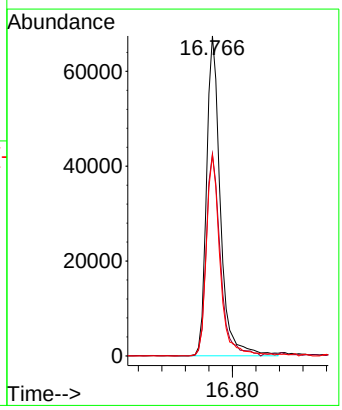


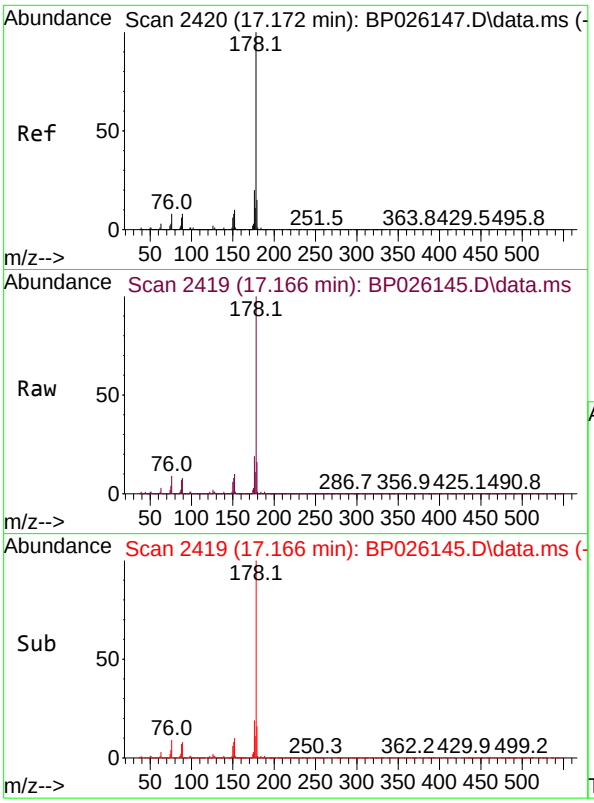




#70
Pentachlorophenol
Concen: 10.777 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:266 Resp: 109980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.0 | 76.4 |
| 264 | 62.8 | 50.2 | 75.2 |



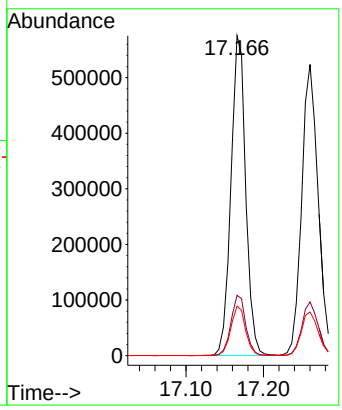


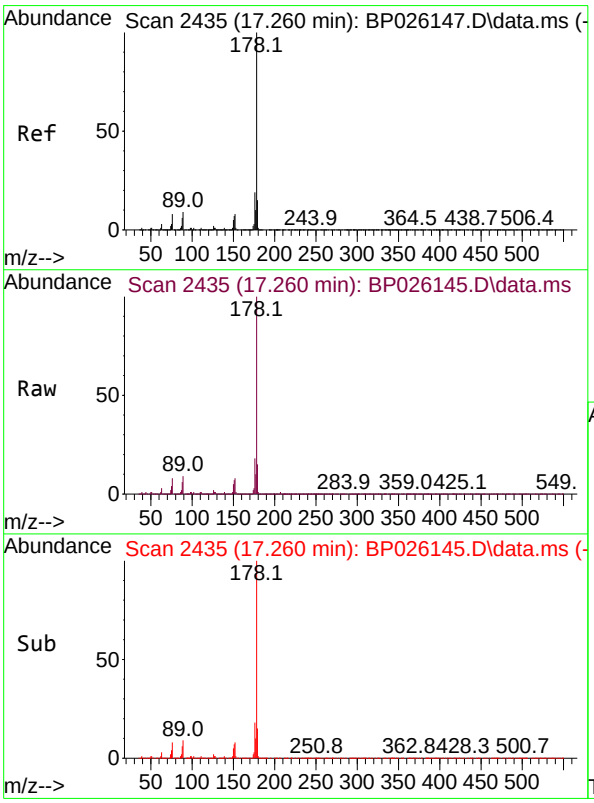

#71
Phenanthrene
Concen: 10.200 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:178 Resp: 764343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.4 | 23.2 |
| 179 | 15.5 | 12.4 | 18.6 |

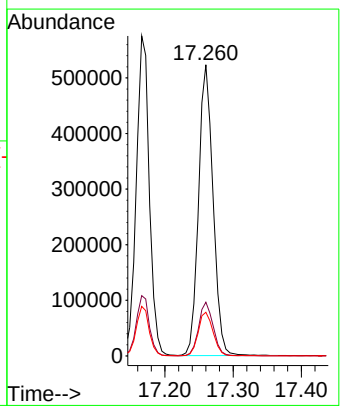


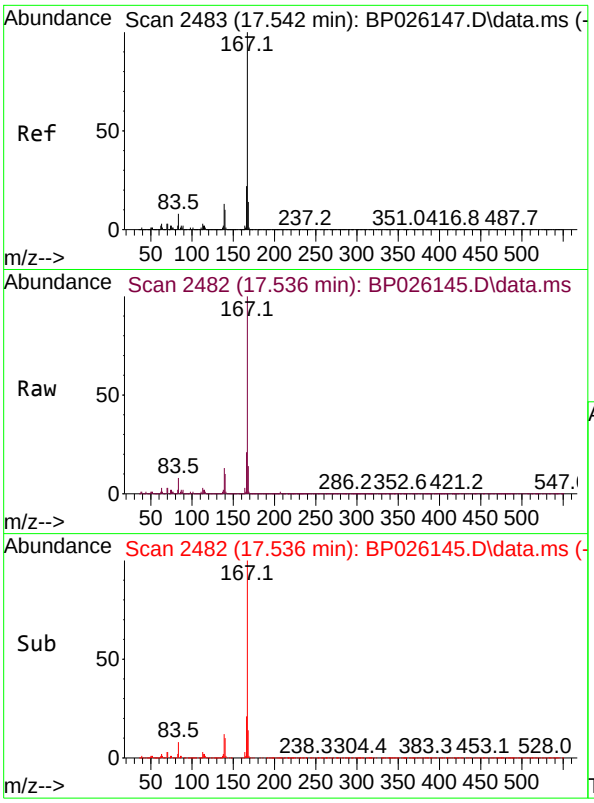




#72
Anthracene
Concen: 10.360 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:178 Resp: 774553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 14.8 | 22.2 |
| 179 | 15.0 | 12.2 | 18.4 |



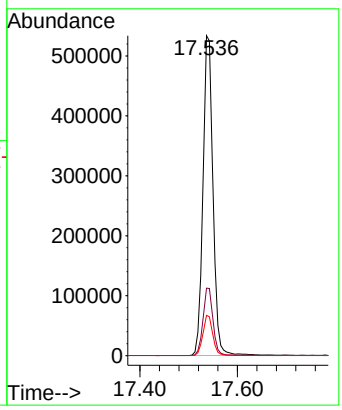


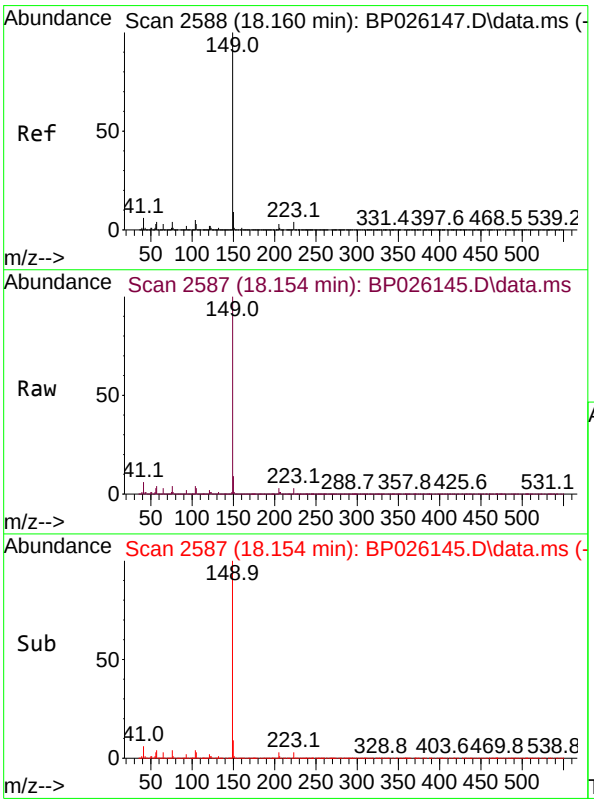

#73
Carbazole
Concen: 10.854 ng
RT: 17.536 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:167 Resp: 763690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.1 | 17.1 | 25.7 |
| 139 | 12.6 | 10.2 | 15.4 |

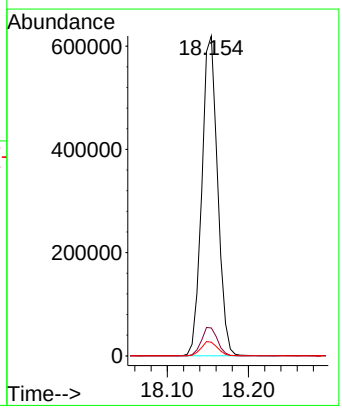


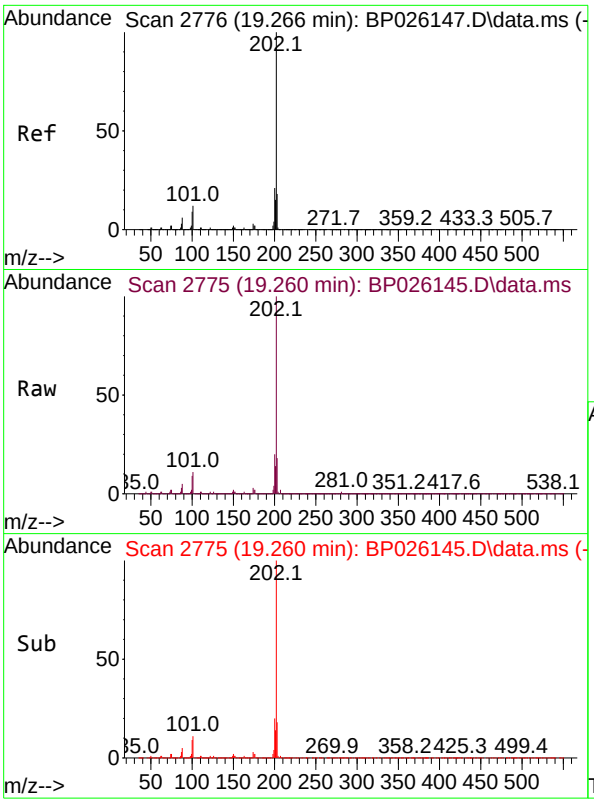




#74
Di-n-butylphthalate
Concen: 10.517 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 836819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.7 | 7.5 | 11.3 |
| 104 | 4.3 | 3.6 | 5.4 |



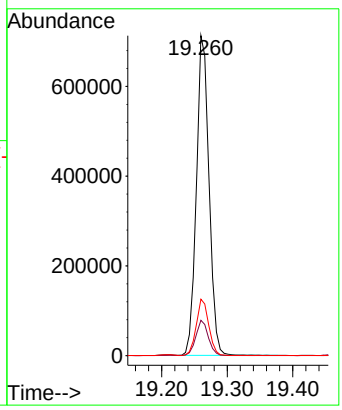


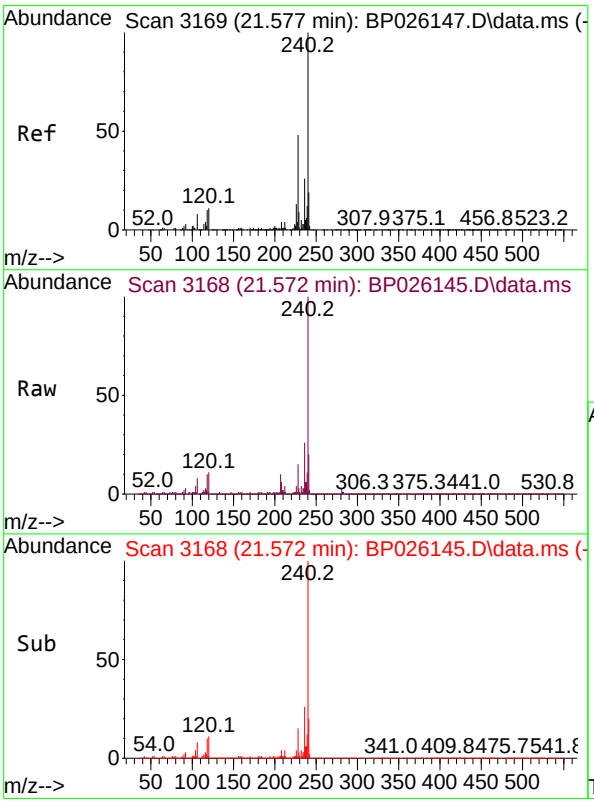

#75
Fluoranthene
Concen: 10.812 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:202 Resp: 949438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 31.2 |
| 203 | 17.6 | 0.0 | 37.7 |

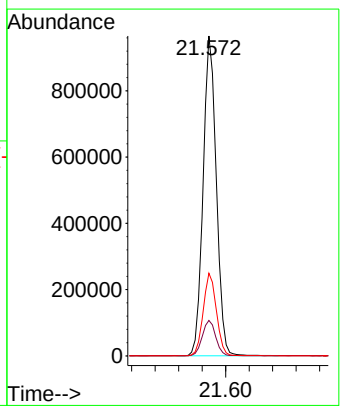


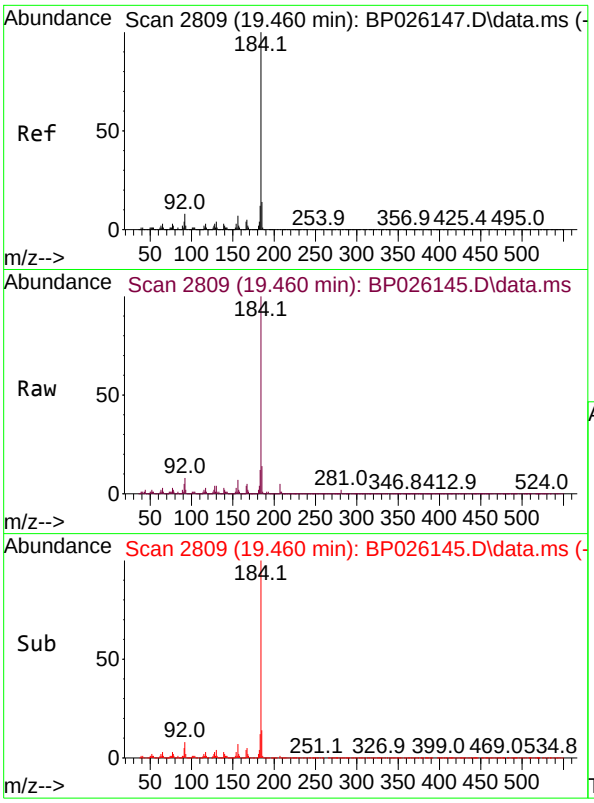




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:240 Resp: 1508224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 9.0 | 13.4 |
| 236 | 25.8 | 20.4 | 30.6 |



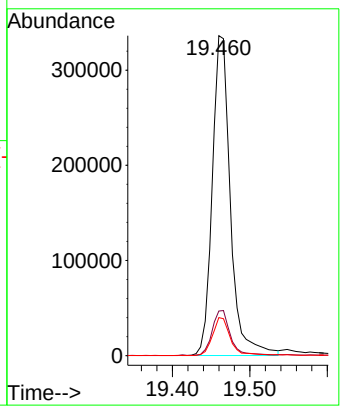


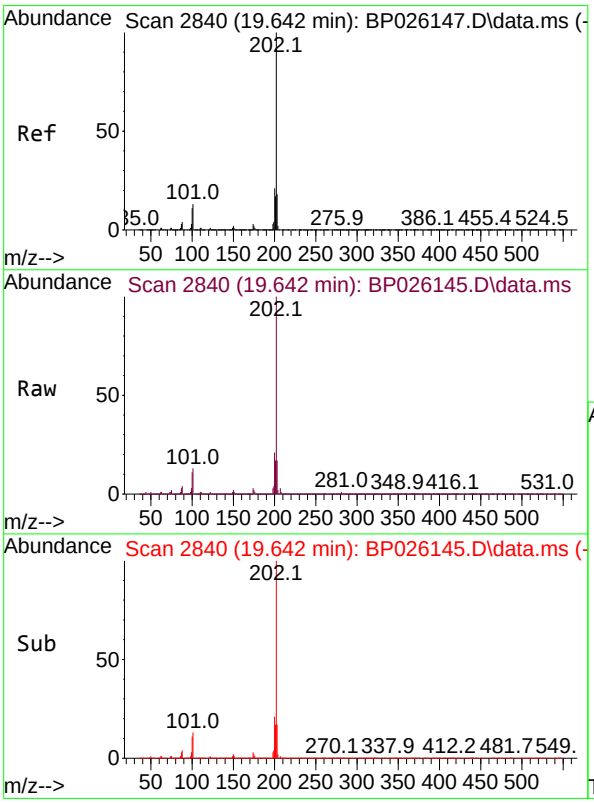

#77
Benzidine
Concen: 13.836 ng
RT: 19.460 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:184 Resp: 547975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.9 | 11.3 | 16.9 |
| 183 | 11.9 | 9.0 | 13.6 |

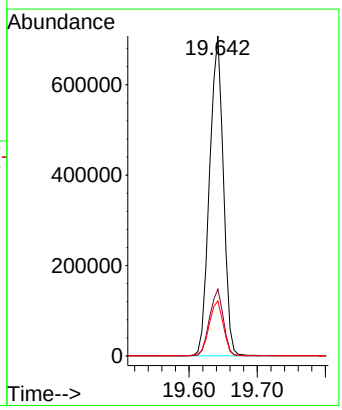


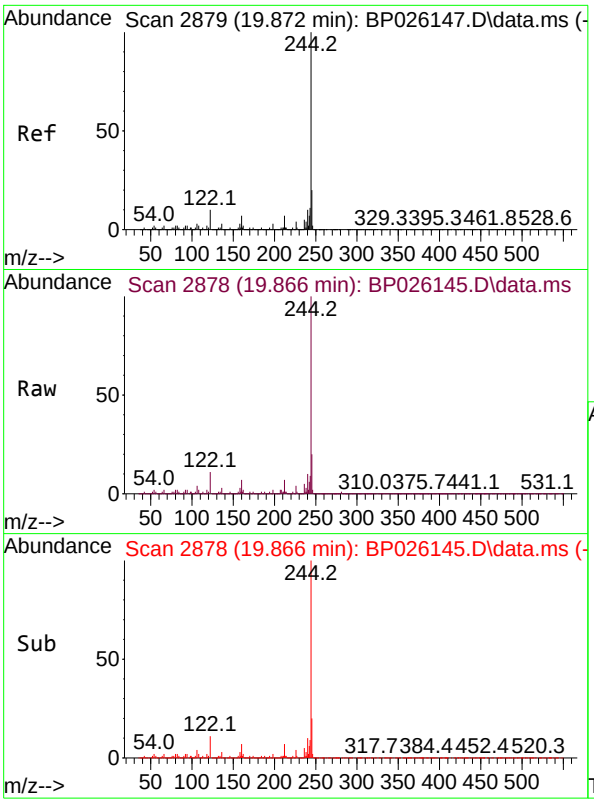




#78
Pyrene
Concen: 9.871 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:202 Resp: 994219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 16.9 | 25.3 |
| 203 | 17.2 | 13.8 | 20.8 |



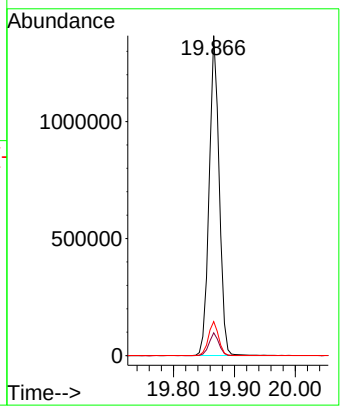


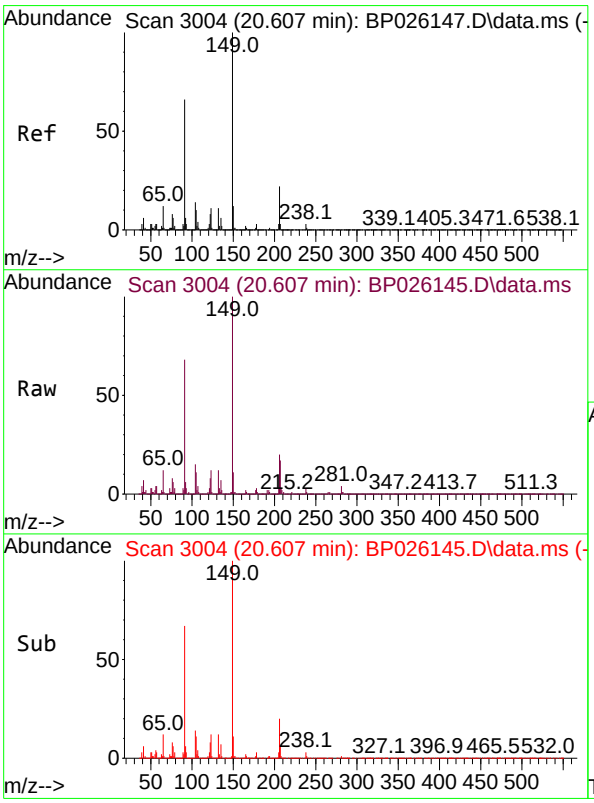

#79
Terphenyl-d14
Concen: 21.144 ng
RT: 19.866 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:244 Resp: 1563806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.8 | 8.8 |
| 122 | 10.6 | 8.2 | 12.2 |

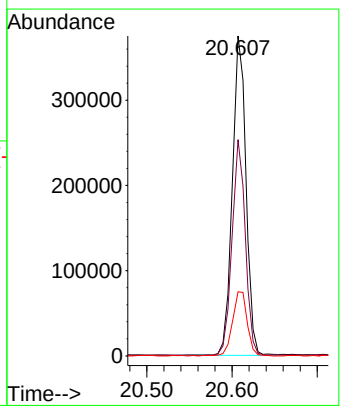


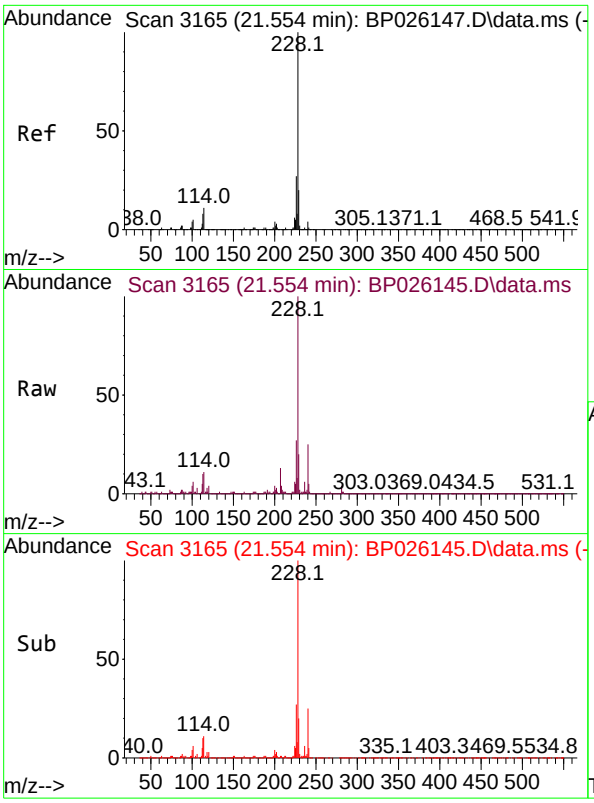




#80
Butylbenzylphthalate
Concen: 12.328 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 416294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.6 | 52.6 | 79.0 |
| 206 | 20.0 | 16.9 | 25.3 |



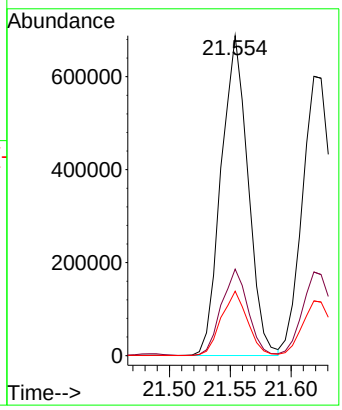


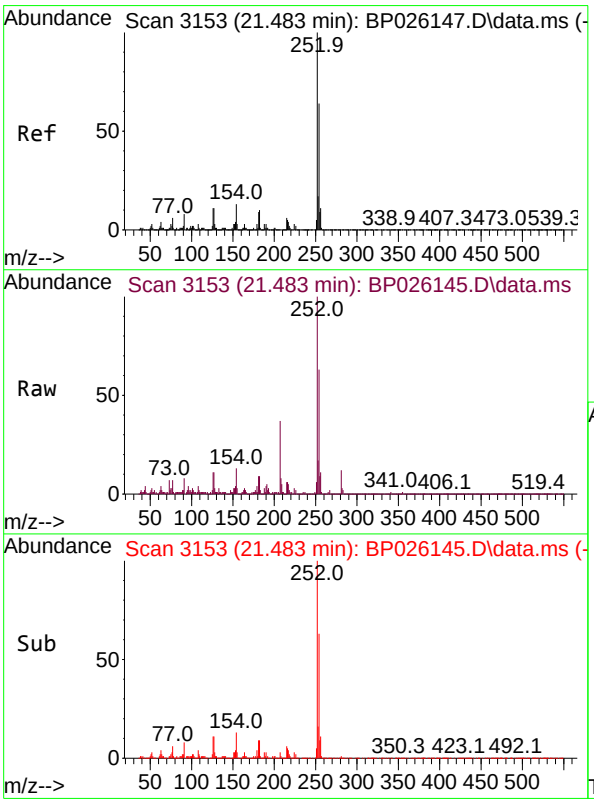

#81
Benzo(a)anthracene
Concen: 10.258 ng
RT: 21.554 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 1056422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 21.8 | 32.8 |
| 229 | 20.1 | 15.9 | 23.9 |

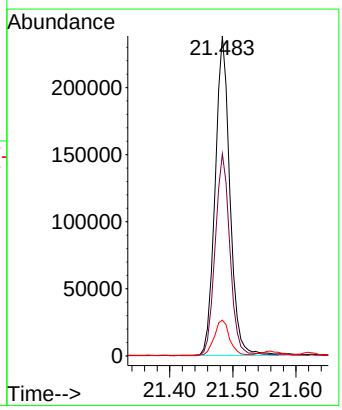


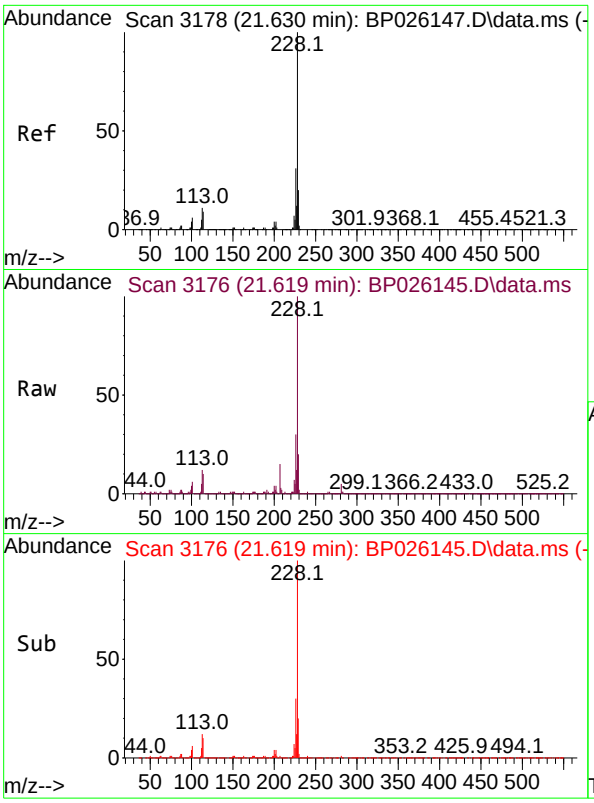




#82
3,3'-Dichlorobenzidine
Concen: 11.403 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 386780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.1 | 51.2 | 76.8 |
| 126 | 11.2 | 8.2 | 12.4 |



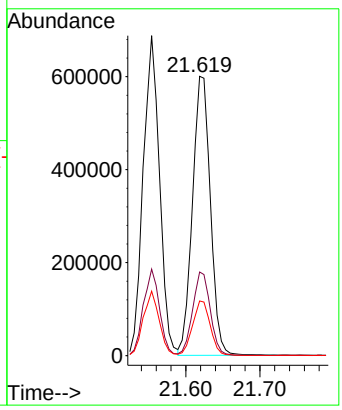


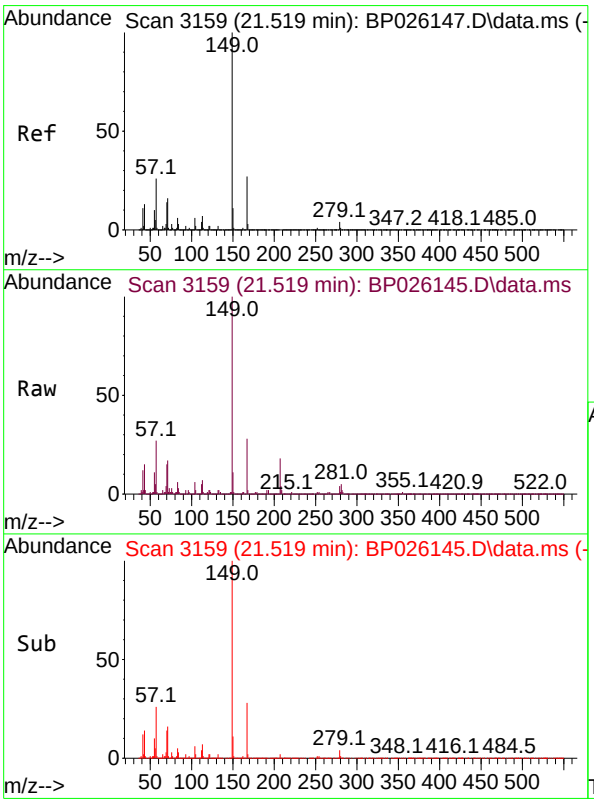

#83
Chrysene
Concen: 10.321 ng
RT: 21.619 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:228 Resp: 1007569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.9 | 35.9 |
| 229 | 19.6 | 15.9 | 23.9 |

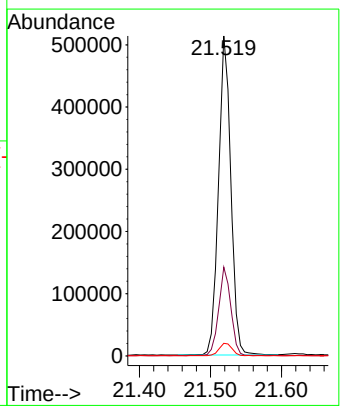


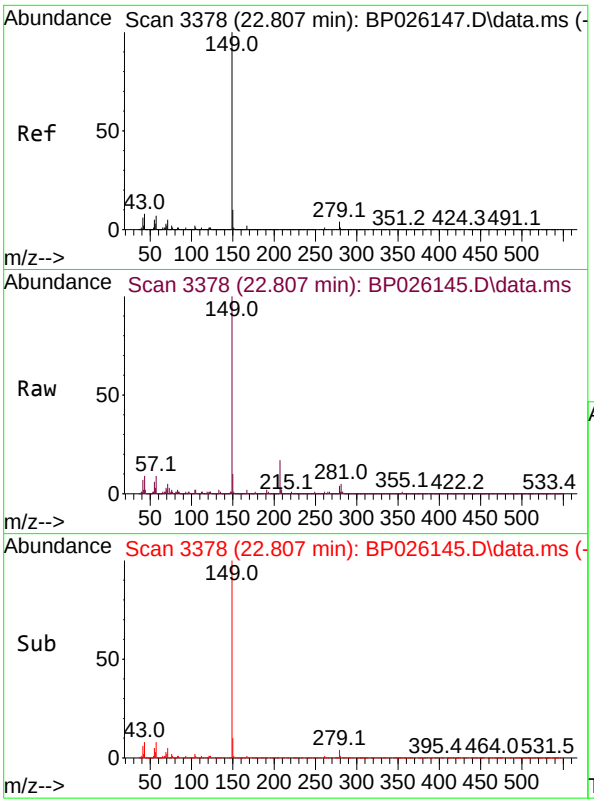




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.273 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 622482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 22.1 | 33.1 |
| 279 | 4.0 | 3.3 | 4.9 |



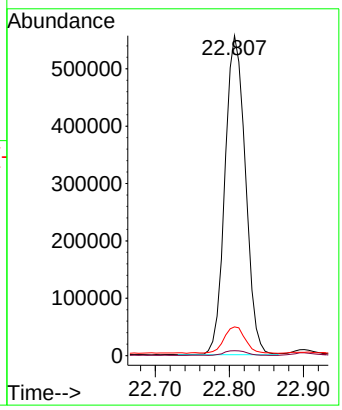


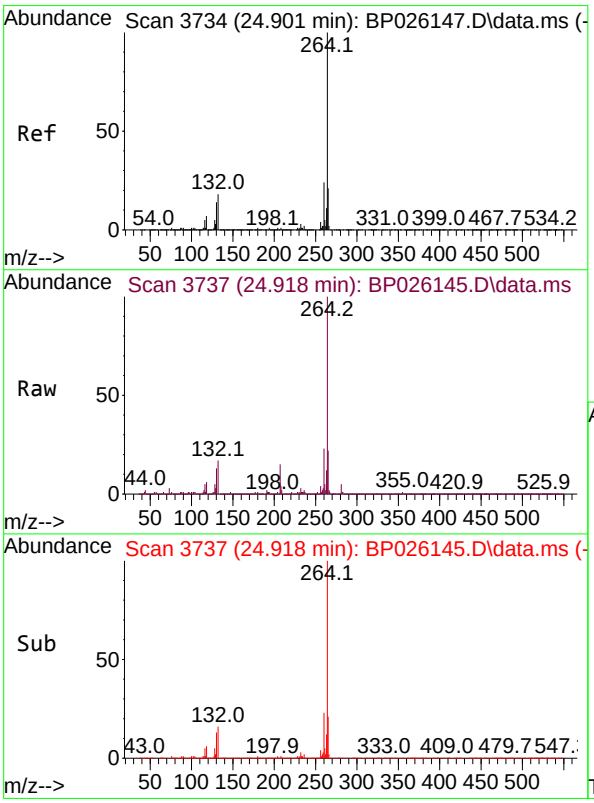

#85
Di-n-octyl phthalate
Concen: 11.335 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:149 Resp: 1066561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.5 | 6.6 | 10.0 |

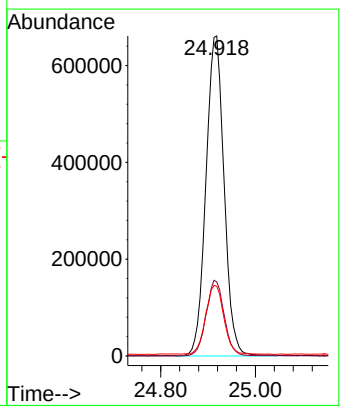


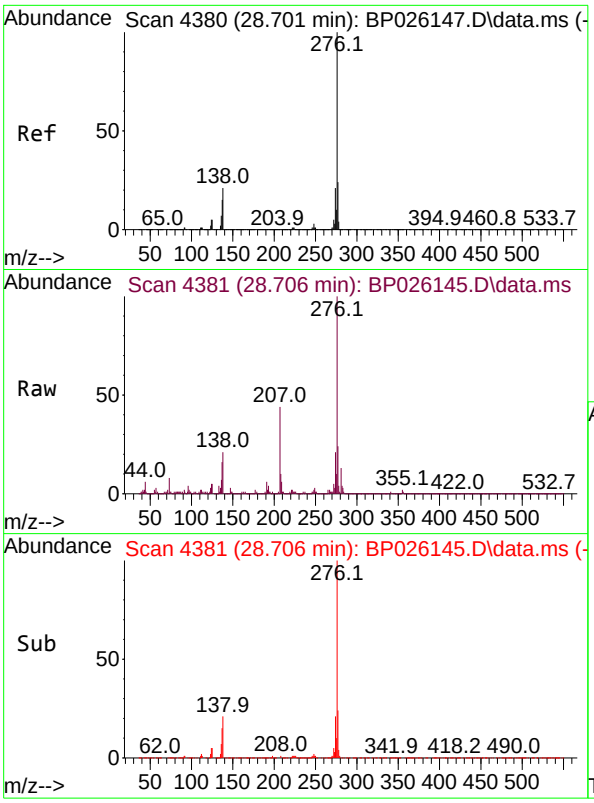




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:264 Resp: 1757840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.7 | 28.1 |
| 265 | 21.8 | 17.5 | 26.3 |



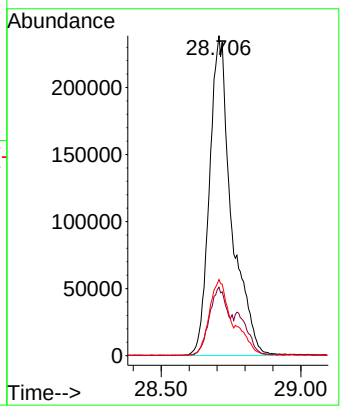


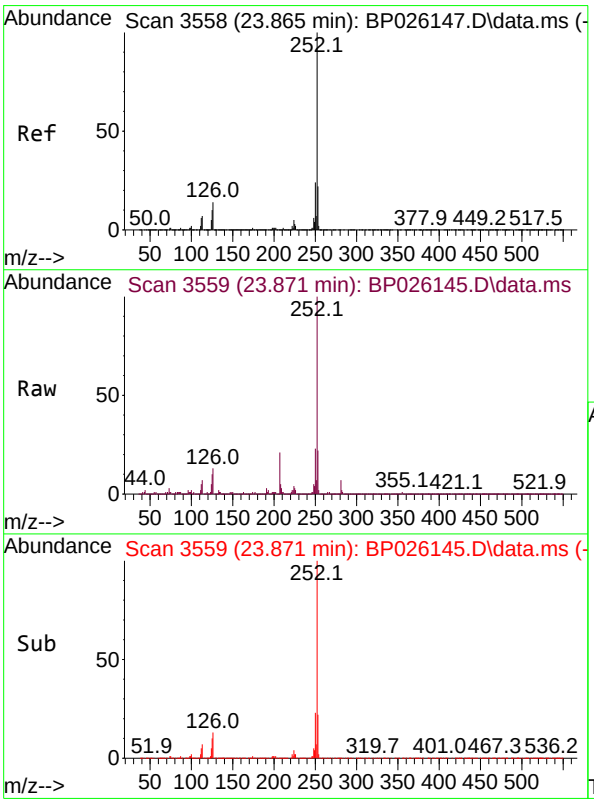

#87
Indeno(1,2,3-cd)pyrene
Concen: 10.110 ng
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:276 Resp: 1303884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.0 | 13.8 | 20.8 |
| 277 | 19.9 | 16.7 | 25.1 |

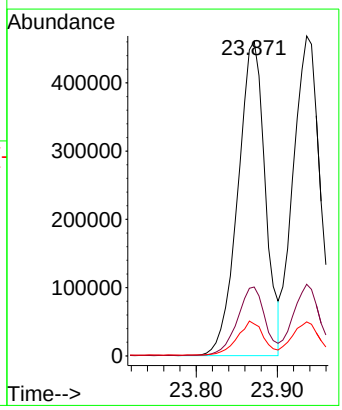


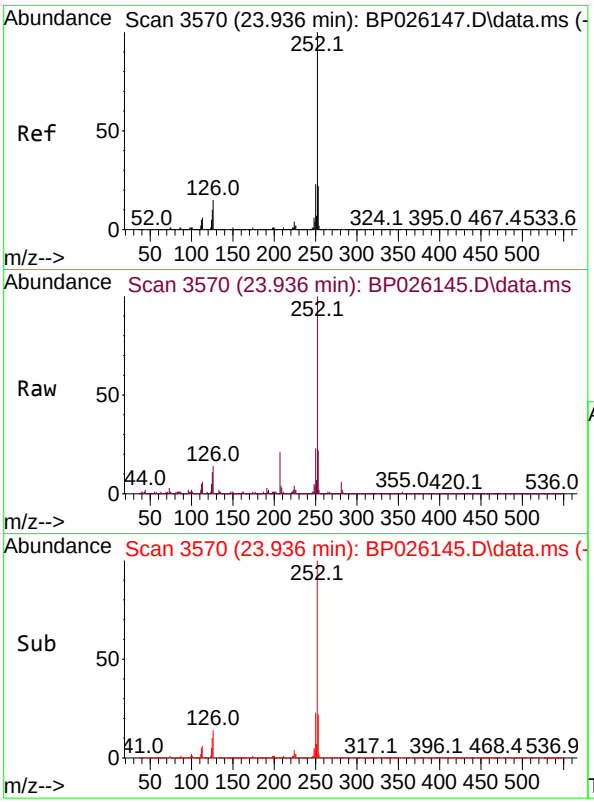




#88
Benzo(b)fluoranthene
Concen: 9.993 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 1077584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 10.1 | 8.2 | 12.4 |



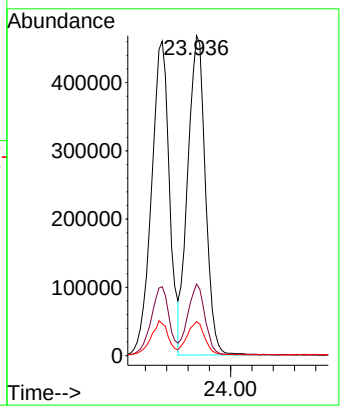


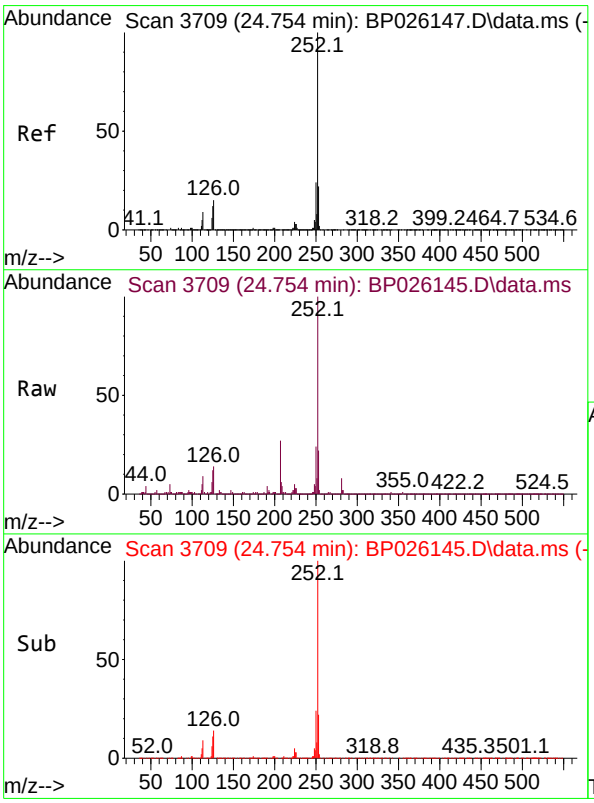

#89
Benzo(k)fluoranthene
Concen: 9.789 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:252 Resp: 1079191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.6 | 26.4 |
| 125 | 10.6 | 7.5 | 11.3 |

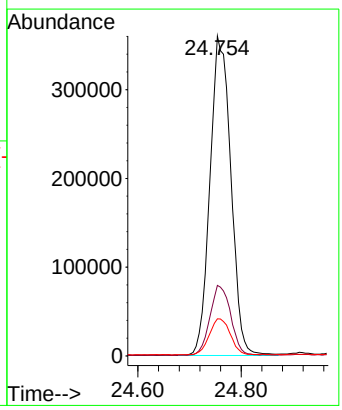


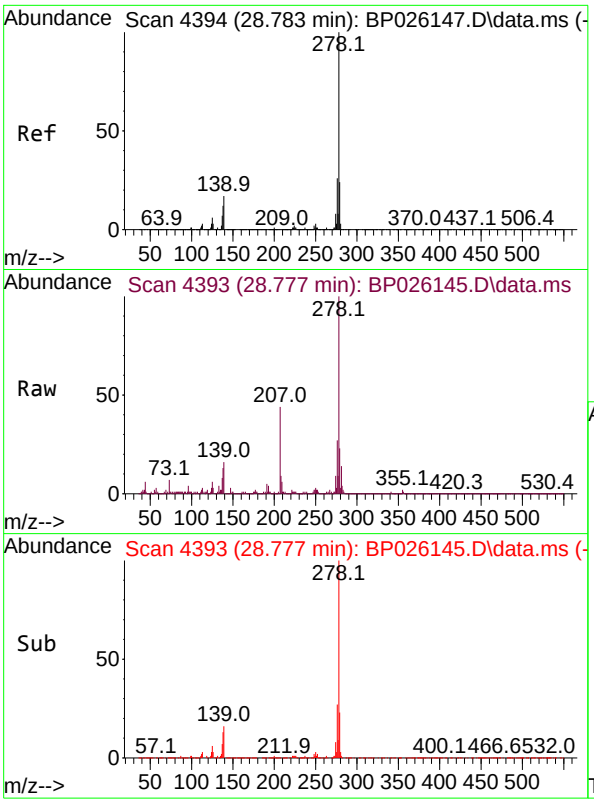




#90
Benzo(a)pyrene
Concen: 10.165 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 1013571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 11.6 | 9.0 | 13.6 |



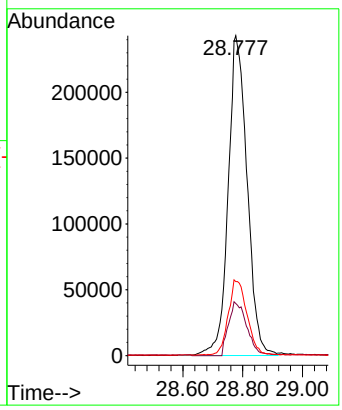


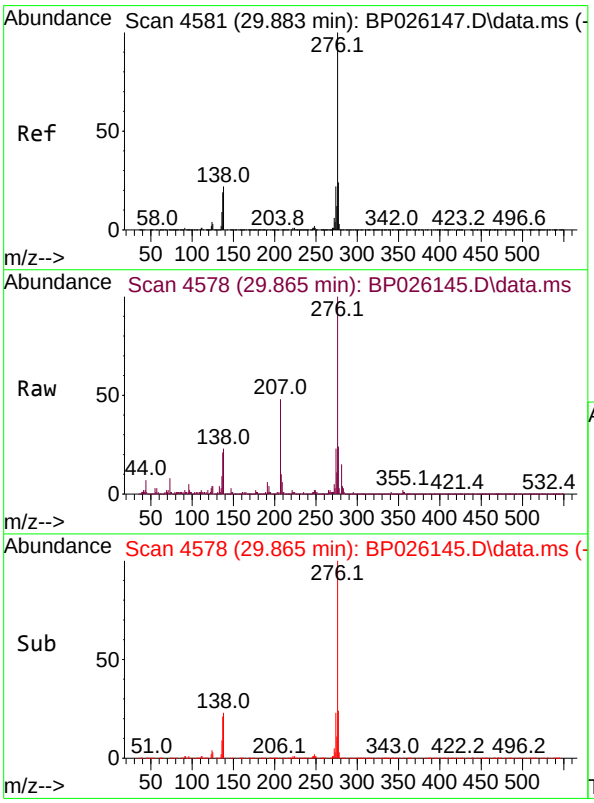

#91
Dibenzo(a,h)anthracene
Concen: 10.197 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC010

Tgt Ion:278 Resp: 1072192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.3 | 13.2 | 19.8 |
| 279 | 23.1 | 19.2 | 28.8 |

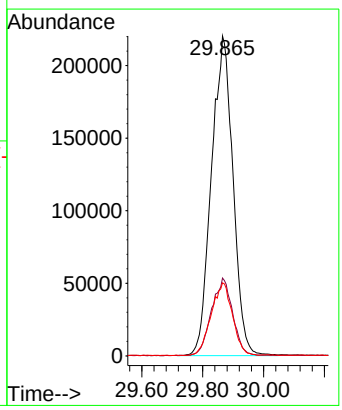



#92
Benzo(g,h,i)perylene
Concen: 10.641 ng
RT: 29.865 min Scan# 4578
Delta R.T. -0.017 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:276 Resp: 1080830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 18.8 | 28.2 |
| 138 | 22.8 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 298291 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.449 | 136 | 1240005 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 810030 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1709036 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.589 | 240 | 1880769 | 20.000 | ng | 0.02 |
| 86) Perylene-d12 | 24.924 | 264 | 2127701 | 20.000 | ng | 0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 762064 | 42.149 | ng | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 967986 | 42.206 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 898109 | 44.814 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.837 | 330 | 442990 | 49.922 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 2354273 | 41.935 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.878 | 244 | 3990615 | 43.268 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 156200 | 20.591 | ng | 99 |
| 3) Pyridine | 3.620 | 79 | 450325 | 20.880 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 167064 | 19.544 | ng | 95 |
| 6) Aniline | 7.002 | 93 | 642407 | 21.012 | ng | 99 |
| 8) 2-Chlorophenol | 7.243 | 128 | 428984 | 21.417 | ng | 98 |
| 9) Benzaldehyde | 6.819 | 77 | 268085 | 23.205 | ng | 97 |
| 10) Phenol | 6.872 | 94 | 524201 | 20.669 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 408052 | 20.320 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.561 | 146 | 468385 | 20.475 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 473917 | 20.465 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 453824 | 20.519 | ng | 100 |
| 15) Benzyl Alcohol | 7.902 | 79 | 352314 | 21.241 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 585097 | 19.455 | ng | 99 |
| 17) 2-Methylphenol | 8.108 | 107 | 355321 | 21.308 | ng | 99 |
| 18) Hexachloroethane | 8.749 | 117 | 169683 | 21.211 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 317044 | 22.304 | ng | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 494113 | 21.323 | ng | 99 |
| 22) Acetophenone | 8.484 | 105 | 656986 | 21.014 | ng | 100 |
| 24) Nitrobenzene | 8.849 | 77 | 456901 | 21.768 | ng | 99 |
| 25) Isophorone | 9.384 | 82 | 912115 | 21.502 | ng | 99 |
| 26) 2-Nitrophenol | 9.560 | 139 | 225396 | 31.463 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.619 | 122 | 418475 | 23.115 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.860 | 93 | 563383 | 21.042 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 415150 | 21.974 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 417562 | 20.380 | ng | 96 |
| 31) Naphthalene | 10.496 | 128 | 1383127 | 20.547 | ng | 100 |
| 32) Benzoic acid | 9.737 | 122 | 332008 | 30.418 | ng | 98 |
| 33) 4-Chloroaniline | 10.590 | 127 | 594215 | 22.720 | ng | 99 |
| 34) Hexachlorobutadiene | 10.796 | 225 | 271388 | 20.697 | ng | 99 |
| 35) Caprolactam | 11.366 | 113 | 152491 | 23.091 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 453497 | 22.951 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.113 | 142 | 997491 | 21.193 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 973734 | 21.279 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.490 | 216 | 496403 | 19.803 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.472 | 237 | 309362 | 29.677 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.725 | 196 | 349396 | 23.301 | ng | 98 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
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Quant Time: Nov 19 00:40:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.801 | 196 | 390063 | 22.897 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.137 | 154 | 1280167 | 20.733 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.178 | 162 | 985563 | 20.303 | ng | 99 |
| 48) 2-Nitroaniline | 13.372 | 65 | 279508 | 25.032 | ng | 96 |
| 49) Acenaphthylene | 14.031 | 152 | 1661599 | 23.158 | ng | 100 |
| 50) Dimethylphthalate | 13.772 | 163 | 1274006 | 21.720 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.884 | 165 | 251271 | 25.482 | ng | 98 |
| 52) Acenaphthene | 14.384 | 154 | 955446 | 19.901 | ng | 100 |
| 53) 3-Nitroaniline | 14.213 | 138 | 297736 | 24.958 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.431 | 184 | 141102 | 31.181 | ng | 96 |
| 55) Dibenzofuran | 14.719 | 168 | 1523244 | 20.834 | ng | 99 |
| 56) 4-Nitrophenol | 14.537 | 139 | 268085 | 22.578 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.678 | 165 | 380156 | 26.418 | ng | 97 |
| 58) Fluorene | 15.384 | 166 | 1215204 | 21.155 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.948 | 232 | 331539 | 24.574 | ng | 99 |
| 60) Diethylphthalate | 15.166 | 149 | 1289507 | 21.853 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.384 | 204 | 600360 | 20.967 | ng | 97 |
| 62) 4-Nitroaniline | 15.390 | 138 | 319109 | 25.224 | ng | 100 |
| 63) Azobenzene | 15.684 | 77 | 1089967 | 20.545 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.460 | 198 | 209402 | 28.706 | ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.601 | 169 | 1094982 | 20.565 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 381732 | 20.120 | ng | 99 |
| 68) Hexachlorobenzene | 16.419 | 284 | 443742 | 20.559 | ng | 97 |
| 69) Atrazine | 16.589 | 200 | 422452 | 23.144 | ng | 98 |
| 70) Pentachlorophenol | 16.772 | 266 | 306483 | 22.793 | ng | 99 |
| 71) Phenanthrene | 17.178 | 178 | 2014344 | 20.401 | ng | 100 |
| 72) Anthracene | 17.272 | 178 | 2046874 | 20.778 | ng | 100 |
| 73) Carbazole | 17.548 | 167 | 1966833 | 21.216 | ng | 100 |
| 74) Di-n-butylphthalate | 18.160 | 149 | 2344972 | 22.368 | ng | 99 |
| 75) Fluoranthene | 19.272 | 202 | 2482057 | 21.452 | ng | 99 |
| 77) Benzidine | 19.472 | 184 | 1379032 | 27.923 | ng | 100 |
| 78) Pyrene | 19.648 | 202 | 2586291 | 20.591 | ng | 100 |
| 80) Butylbenzylphthalate | 20.613 | 149 | 1151348 | 27.342 | ng | 99 |
| 81) Benzo(a)anthracene | 21.566 | 228 | 2702573 | 21.043 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.483 | 252 | 989512 | 23.394 | ng | 98 |
| 83) Chrysene | 21.636 | 228 | 2522765 | 20.723 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.530 | 149 | 1726261 | 25.069 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.813 | 149 | 2956568 | 25.198 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.706 | 276 | 3273296m | 20.969 | ng | |
| 88) Benzo(b)fluoranthene | 23.866 | 252 | 2704711 | 20.722 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.942 | 252 | 2712398 | 20.326 | ng | 99 |
| 90) Benzo(a)pyrene | 24.754 | 252 | 2549616 | 21.125 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.795 | 278 | 2711736 | 21.306 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.877 | 276 | 2666038m | 21.686 | ng | |

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

ICAL Form

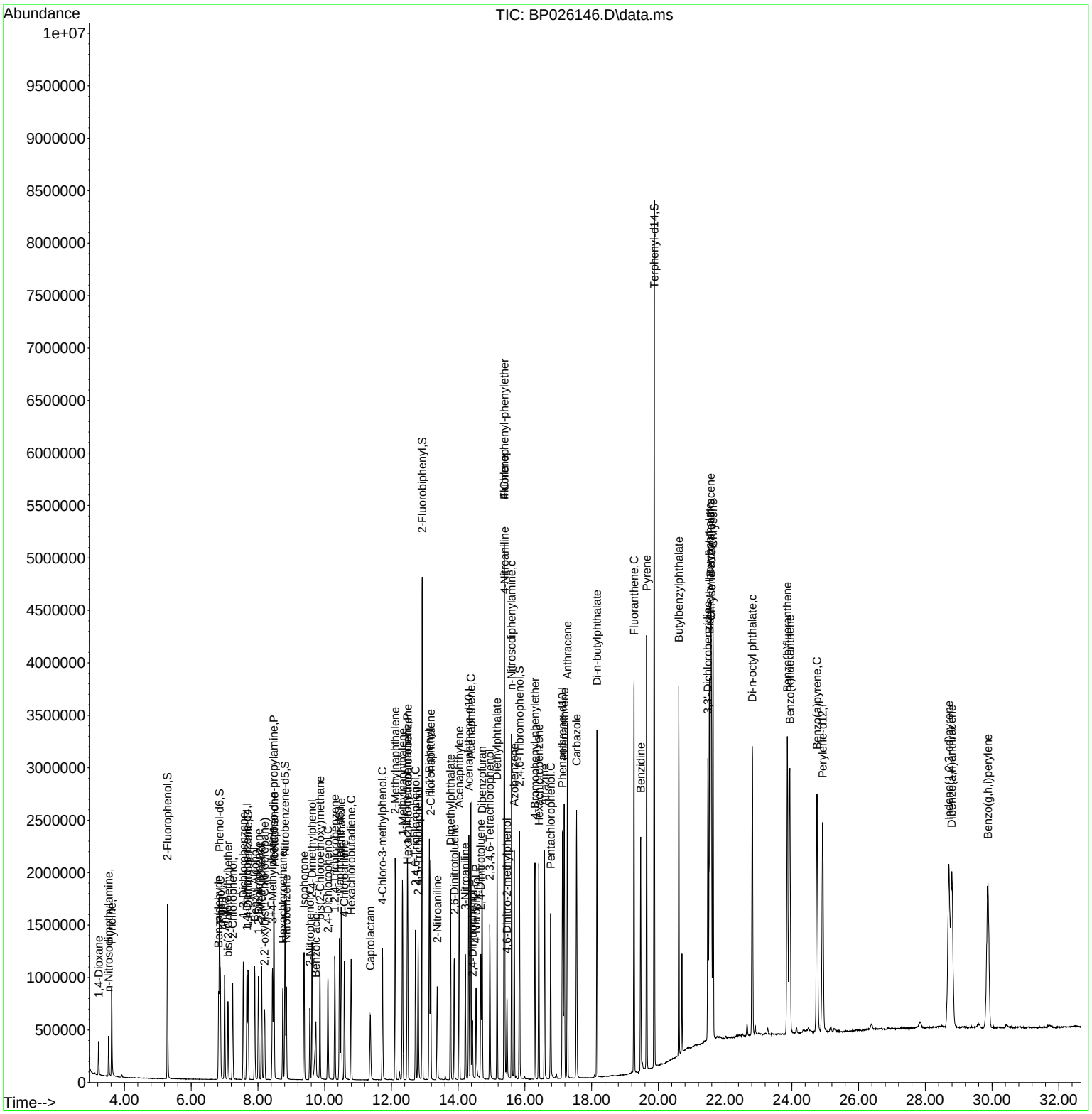
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Data File : BP026146.D
Acq On : 18 Nov 2025 16:35
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

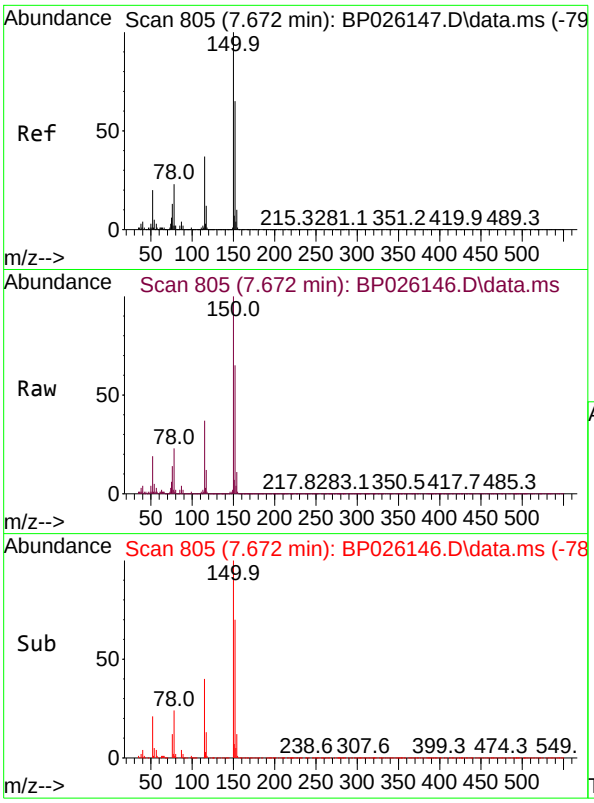
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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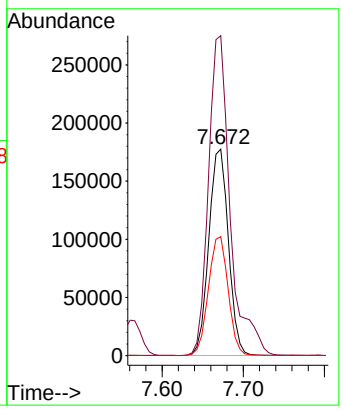





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:152 Resp: 29829

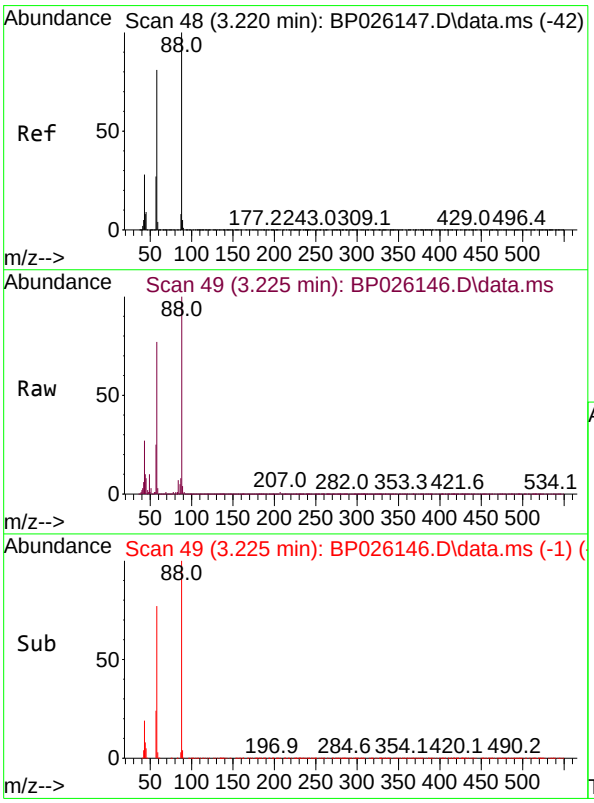
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.0 | 123.0 | 184.6 |
| 115 | 57.6 | 46.3 | 69.5 |




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**ClientSampleId :**
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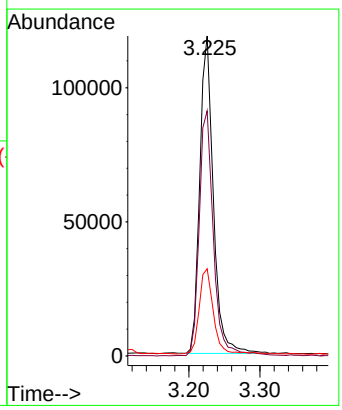
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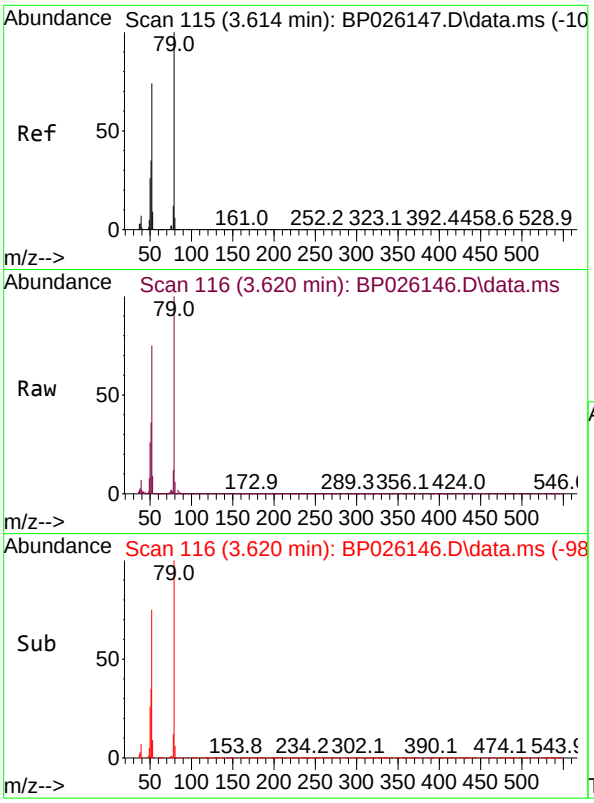



#2
1,4-Dioxane
Concen: 20.591 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 88 Resp: 156200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.0 | 64.2 | 96.4 |
| 43 | 28.2 | 21.5 | 32.3 |

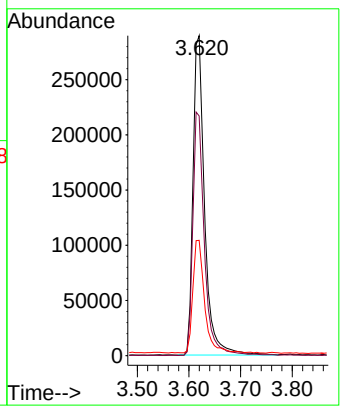





#3
Pyridine
Concen: 20.880 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 79 Resp: 45032

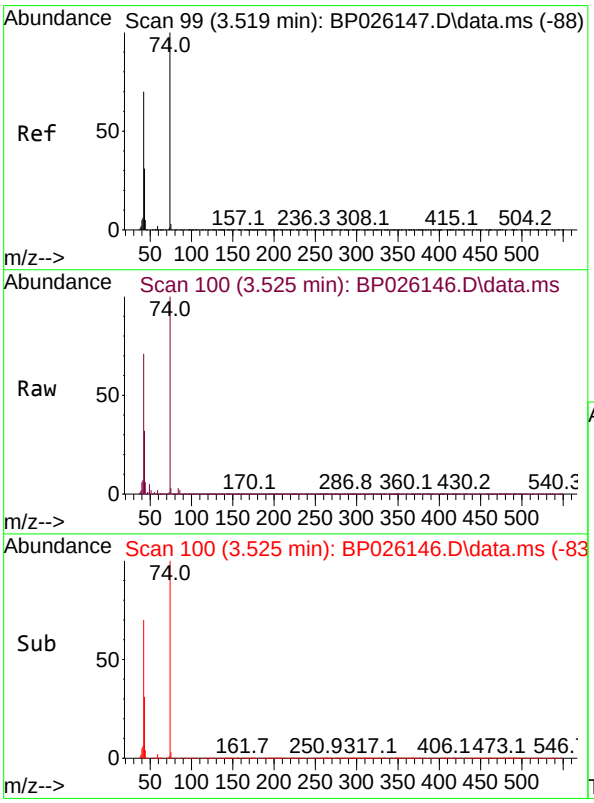
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.9 | 60.2 | 90.2 |
| 51 | 36.0 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

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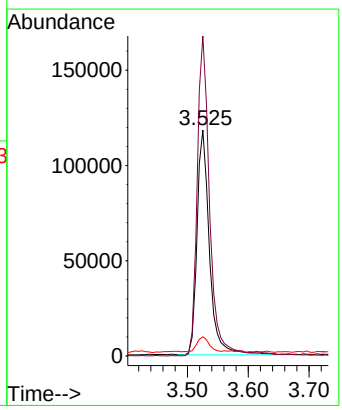
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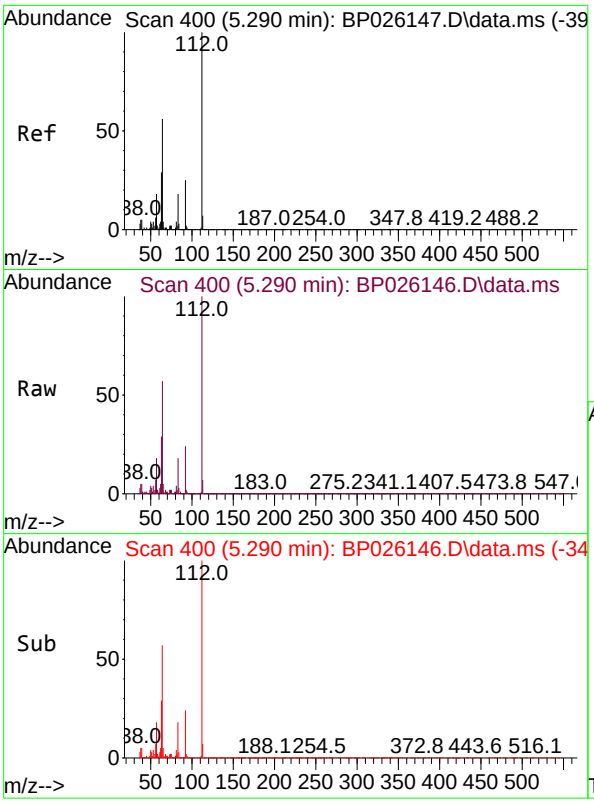



#4
n-Nitrosodimethylamine
Concen: 19.544 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 42 Resp: 167064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.6 | 118.1 | 177.1 |
| 44 | 8.5 | 6.2 | 9.4 |

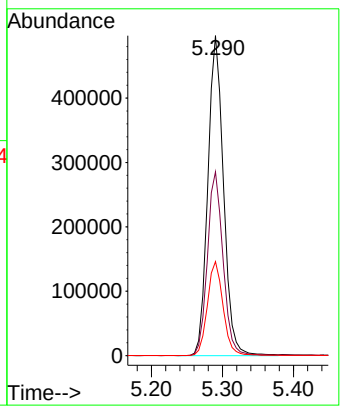





#5
2-Fluorophenol
Concen: 42.149 ng
RT: 5.290 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:112 Resp: 76206

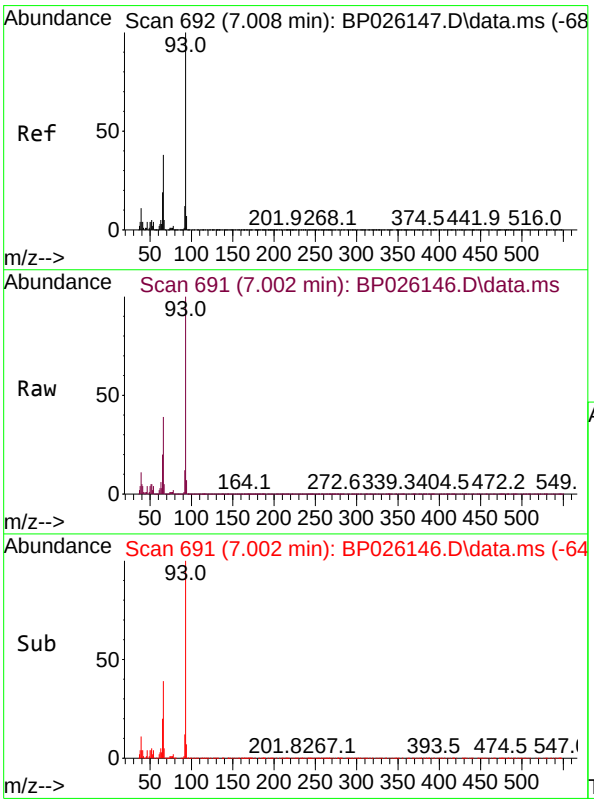
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.4 | 45.8 | 68.6 |
| 63 | 29.4 | 23.5 | 35.3 |




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BNA_P
**ClientSampleId :**
SSTDICC020

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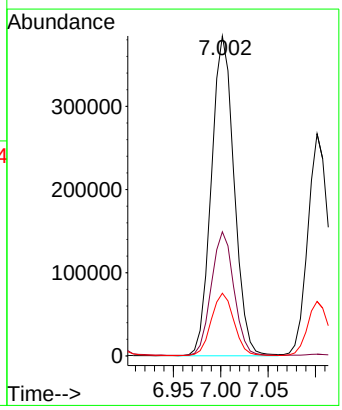
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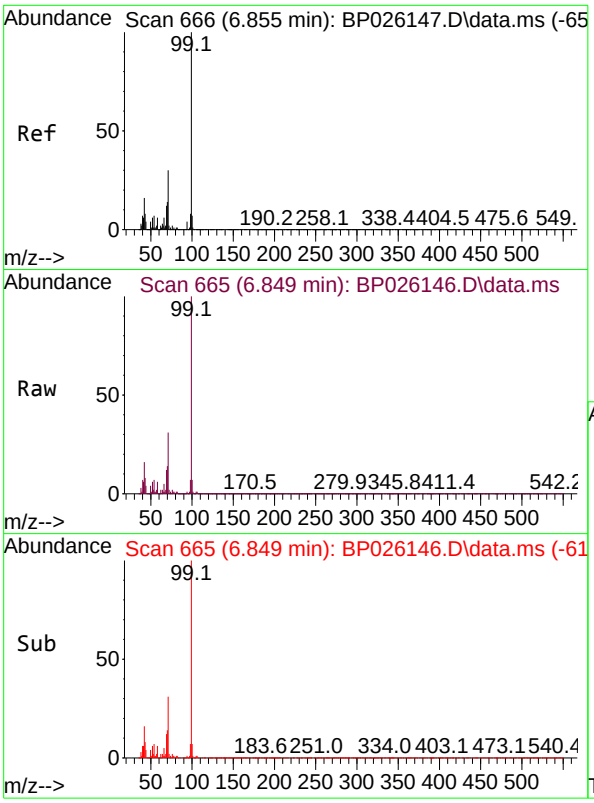



#6
Aniline
Concen: 21.012 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 642407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.8 | 31.7 | 47.5 |
| 65 | 19.6 | 15.8 | 23.6 |

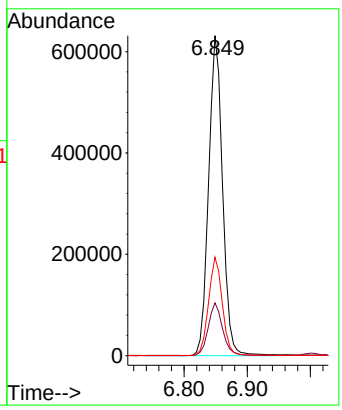





#7
Phenol-d6
Concen: 42.206 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 99 Resp: 96798

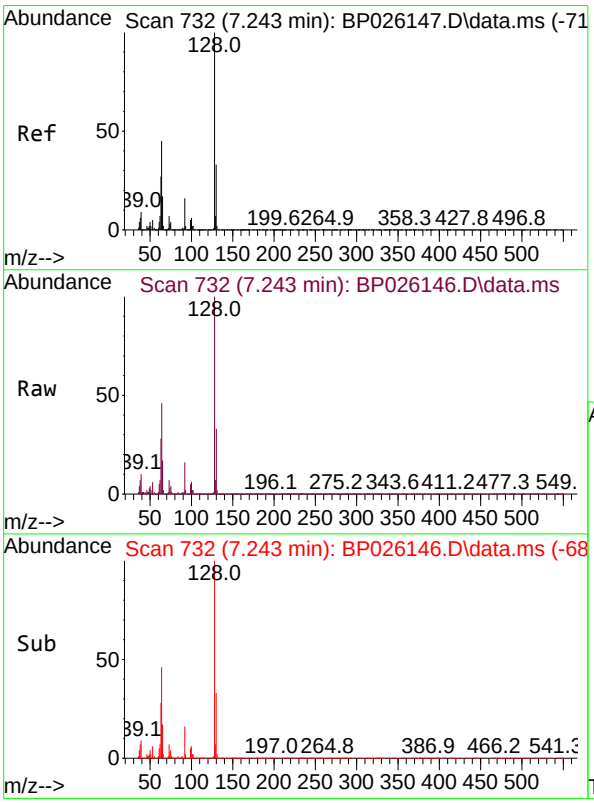
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.5 | 12.9 | 19.3 |
| 71 | 30.7 | 24.8 | 37.2 |




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BNA_P
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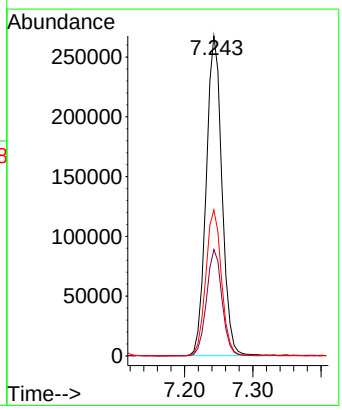
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Supervised By :Sohil Jodhani 11/19/2025

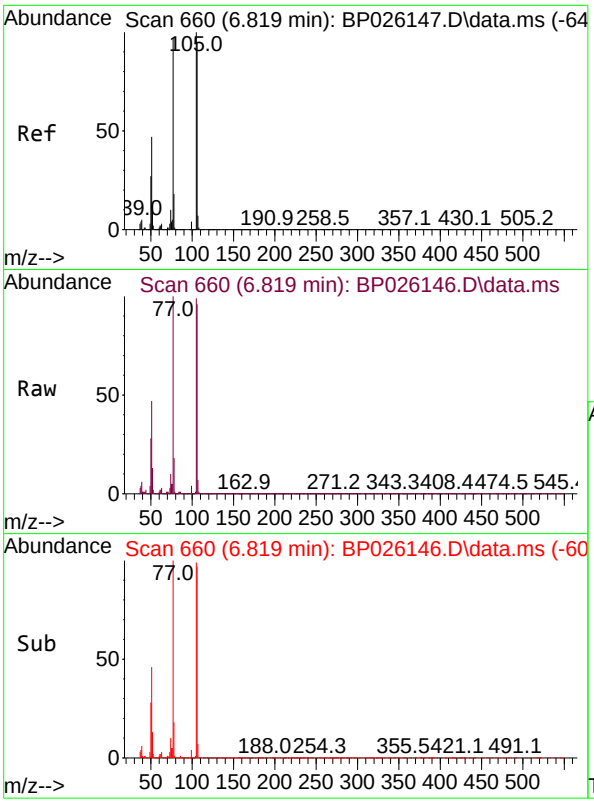



#8
2-Chlorophenol
Concen: 21.417 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:128 Resp: 428984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.2 | 12.4 | 52.4 |
| 64 | 45.6 | 23.9 | 63.9 |

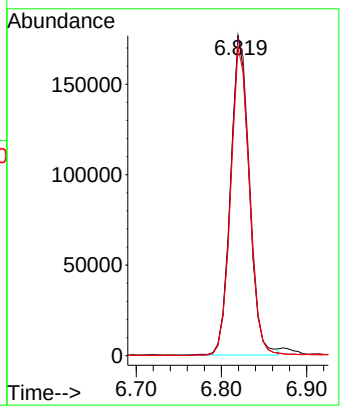





#9
Benzaldehyde
Concen: 23.205 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 26808

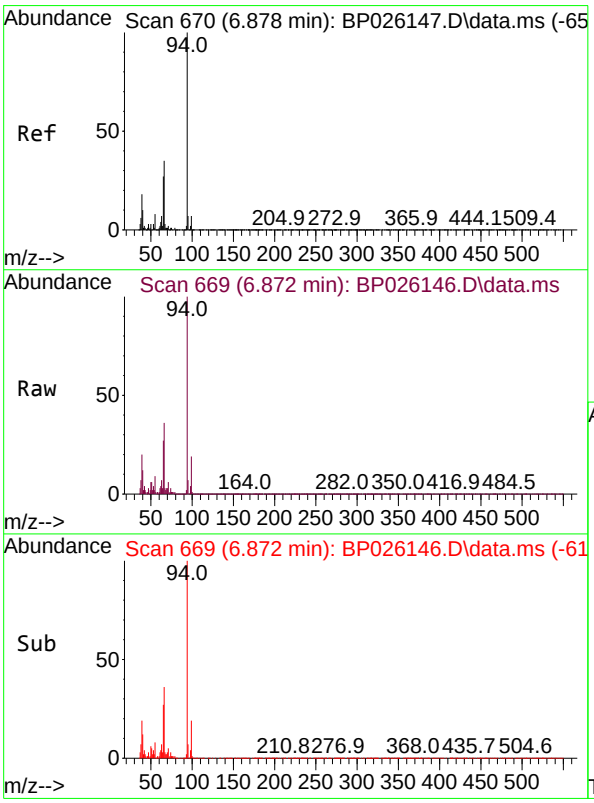
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.3 | 82.9 | 122.9 |
| 106 | 96.4 | 77.8 | 117.8 |




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**APPROVED**

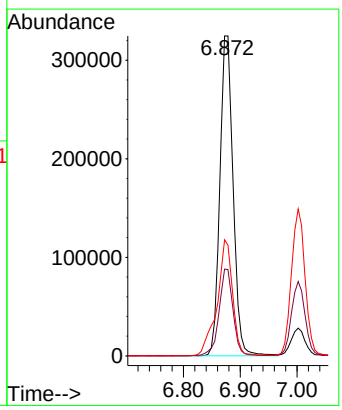
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

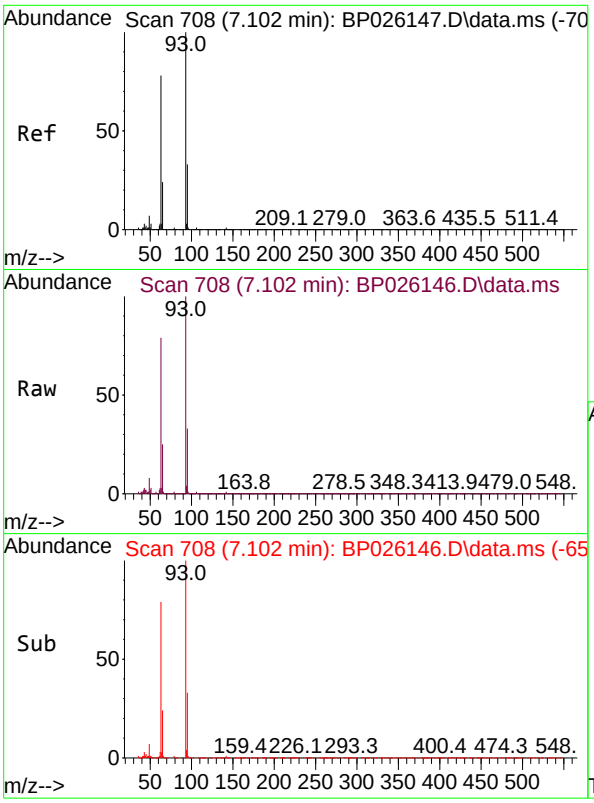



#10
Phenol
Concen: 20.669 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 94 Resp: 524201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.1 | 7.0 | 47.0 |
| 66 | 36.3 | 14.5 | 54.5 |

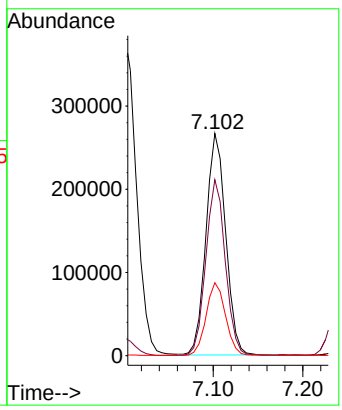





#11
bis(2-Chloroethyl)ether
Concen: 20.320 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 40805

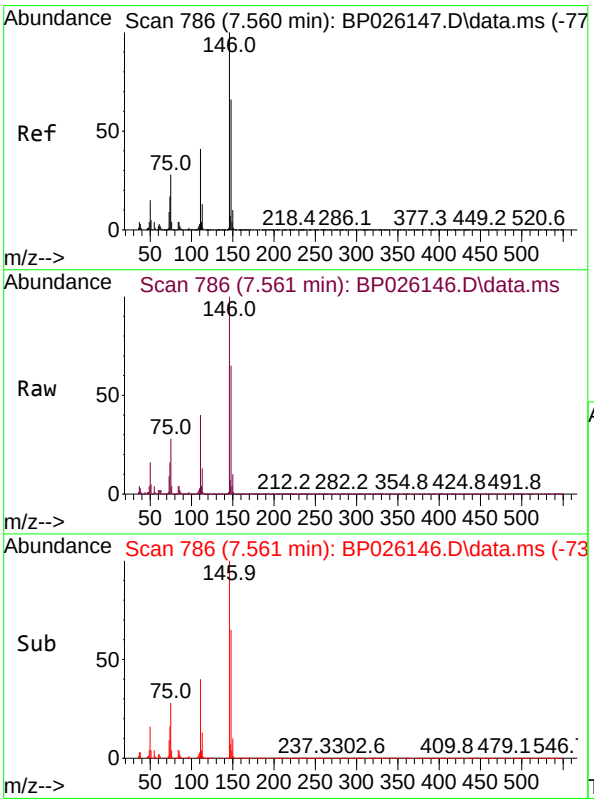
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.2 | 58.8 | 98.8 |
| 95 | 32.8 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

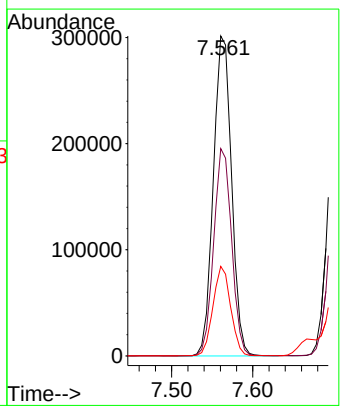
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

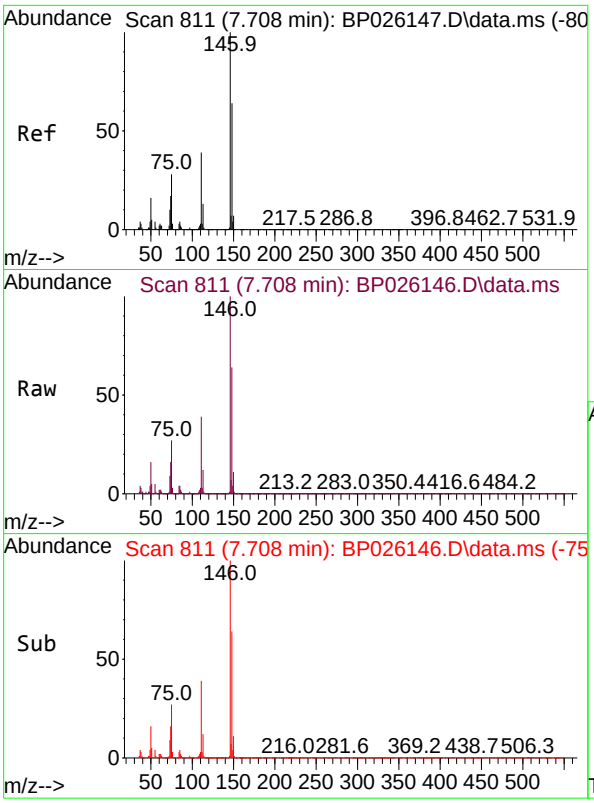



#12
1,3-Dichlorobenzene
Concen: 20.475 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:146 Resp: 468385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.8 | 77.8 |
| 75 | 28.0 | 22.2 | 33.2 |






#13
1,4-Dichlorobenzene
Concen: 20.465 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

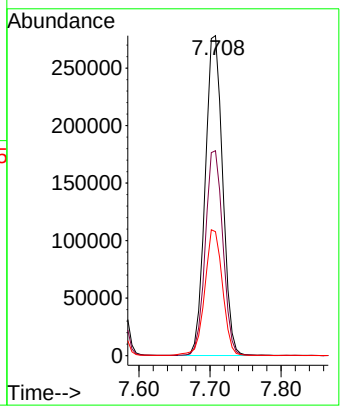
Tgt Ion:146 Resp: 47391

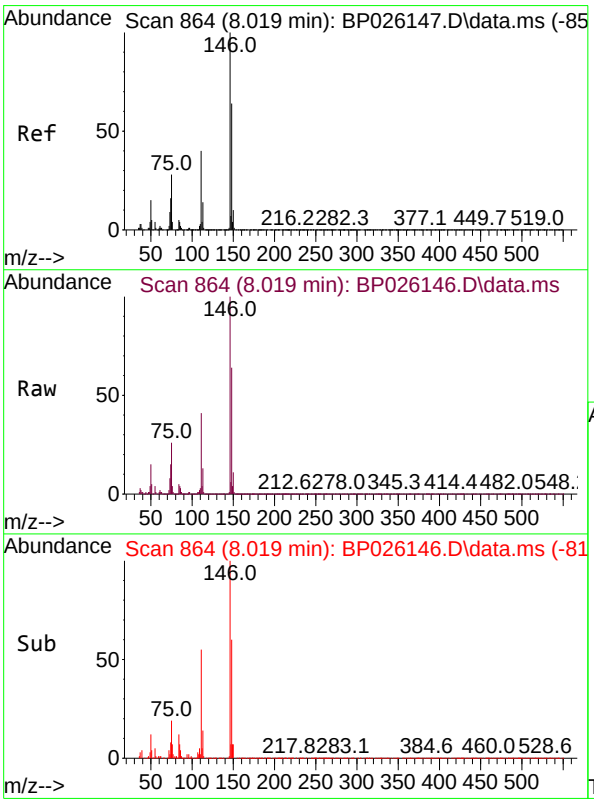
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 51.4 | 77.2 |
| 111 | 38.7 | 31.7 | 47.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

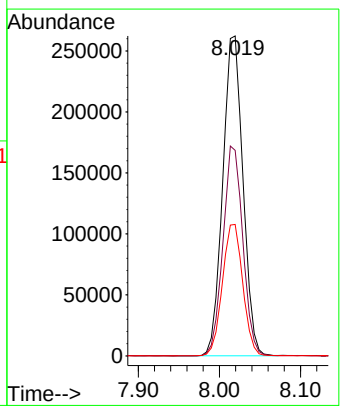


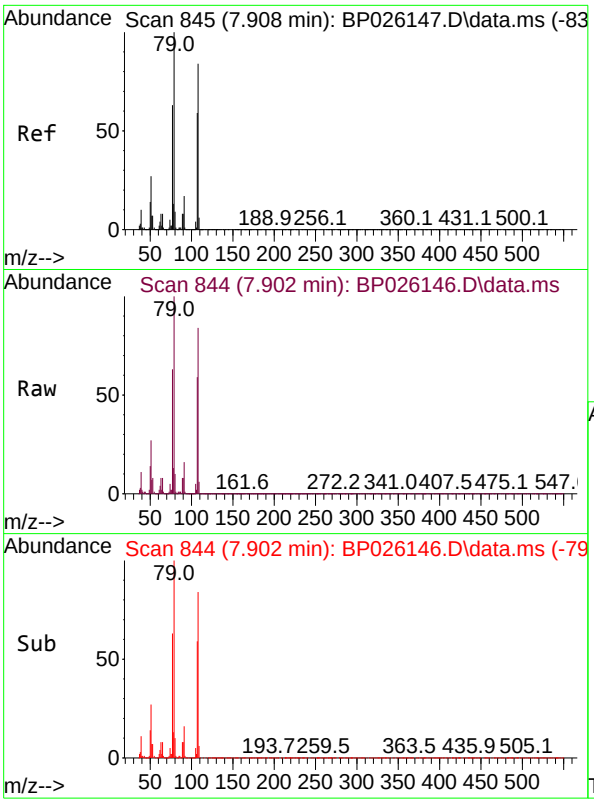




#14
1,2-Dichlorobenzene
Concen: 20.519 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:146 Resp: 453824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.0 | 76.6 |
| 111 | 41.1 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 21.241 ng
RT: 7.902 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

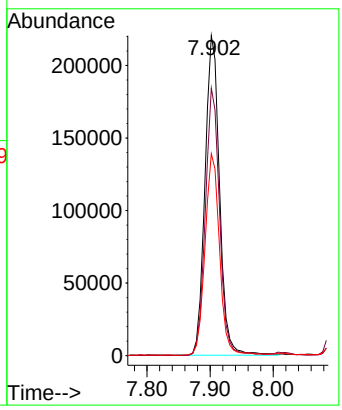
Tgt Ion: 79 Resp: 352314

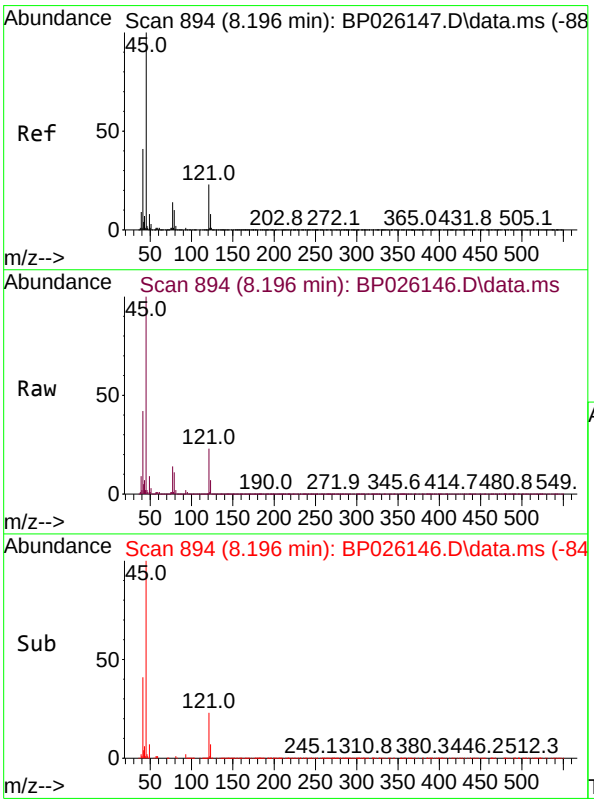
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.6 | 66.2 | 99.4 |
| 77 | 63.1 | 50.0 | 75.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

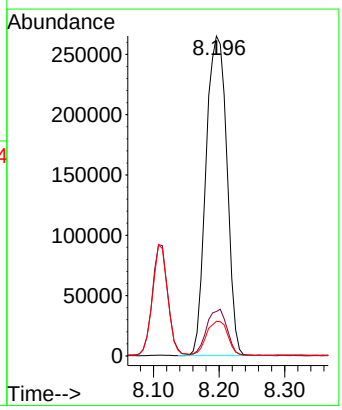


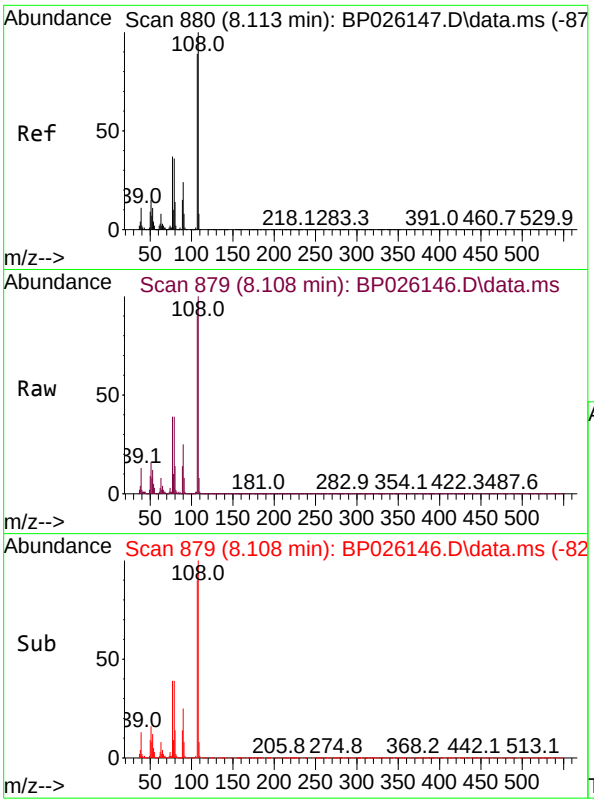




#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.455 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 45 Resp: 585097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.9 | 0.0 | 33.9 |
| 79 | 10.8 | 0.0 | 30.4 |

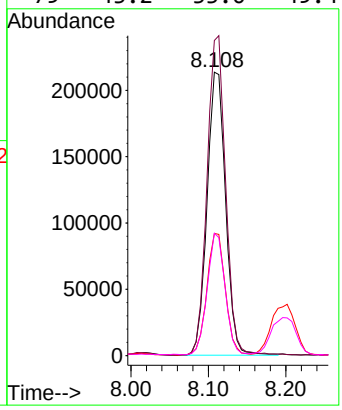





#17
2-Methylphenol
Concen: 21.308 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 35532

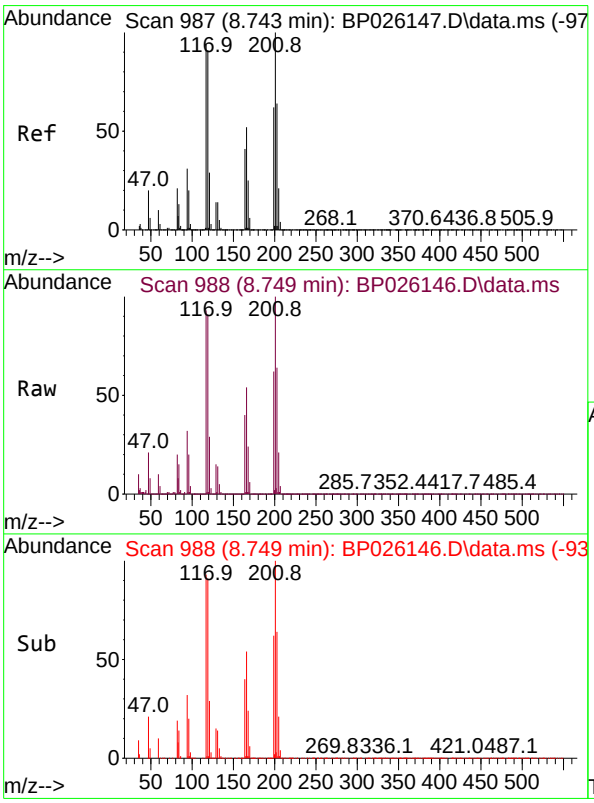
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.2 | 89.7 | 134.5 |
| 77 | 43.1 | 33.9 | 50.9 |
| 79 | 43.2 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

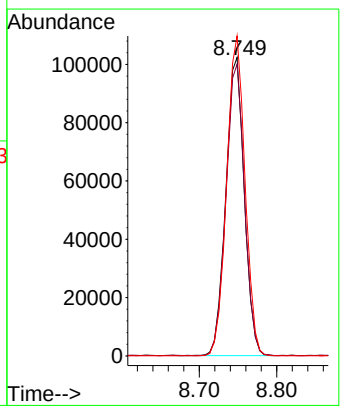
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

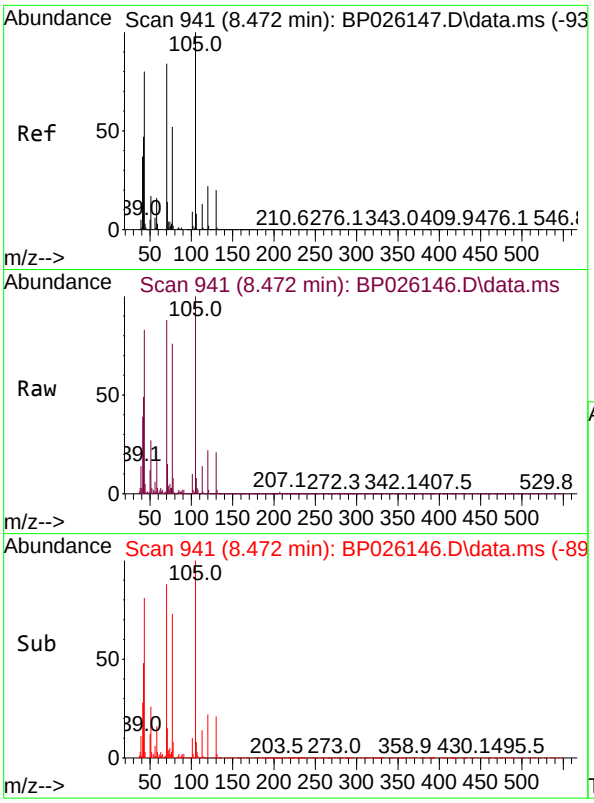



#18
Hexachloroethane
Concen: 21.211 ng
RT: 8.749 min Scan# 988
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:117 Resp: 169683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.7 | 78.7 | 118.1 |
| 201 | 107.2 | 85.1 | 127.7 |

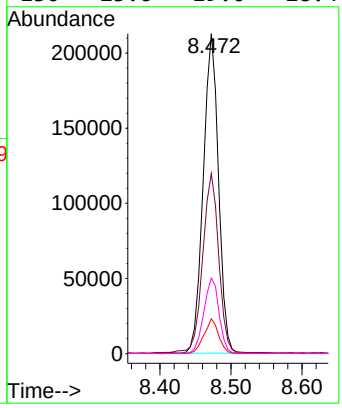





#19
n-Nitroso-di-n-propylamine
Concen: 22.304 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 70 Resp: 31704

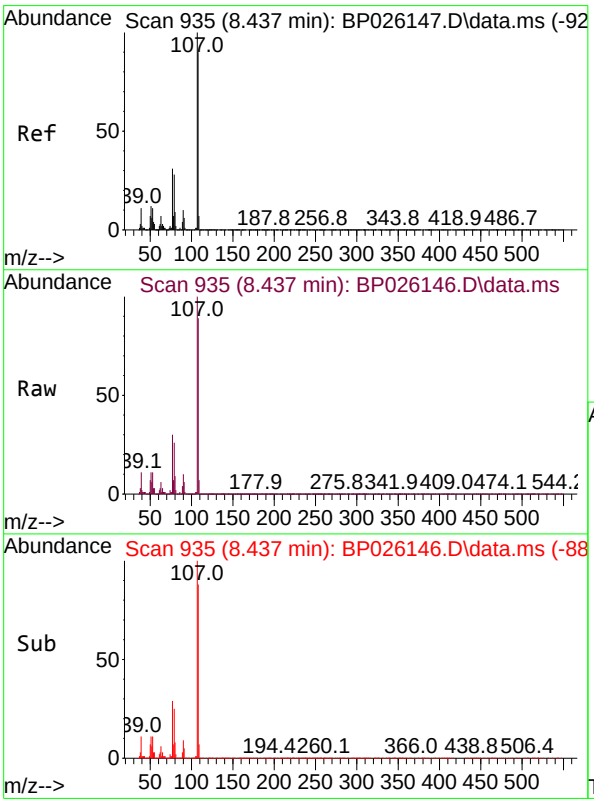
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.3 | 44.1 | 66.1 |
| 101 | 10.9 | 8.2 | 12.4 |
| 130 | 23.6 | 19.0 | 28.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

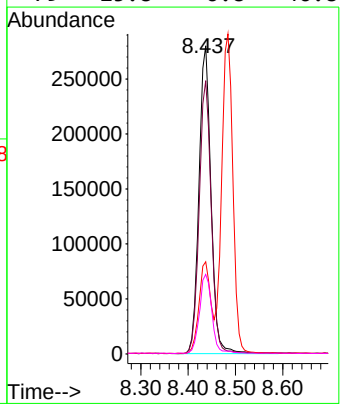
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

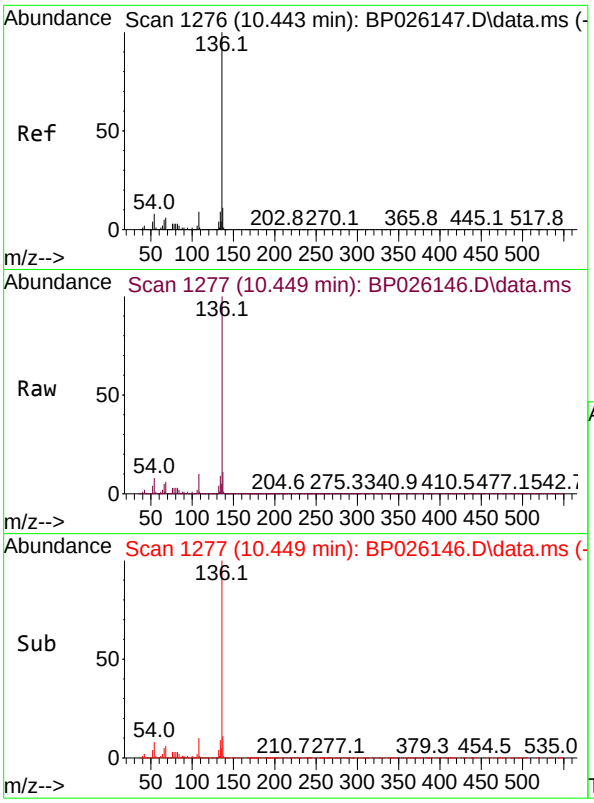



#20
3+4-Methylphenols
Concen: 21.323 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 494113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.7 | 68.9 | 108.9 |
| 77 | 29.9 | 10.4 | 50.4 |
| 79 | 25.8 | 6.8 | 46.8 |

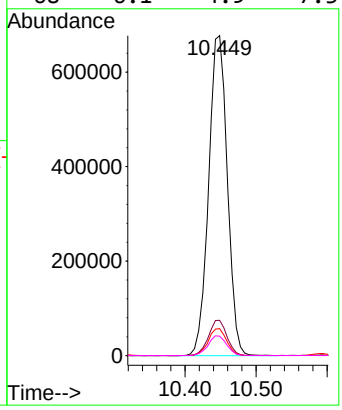





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:136 Resp: 124000

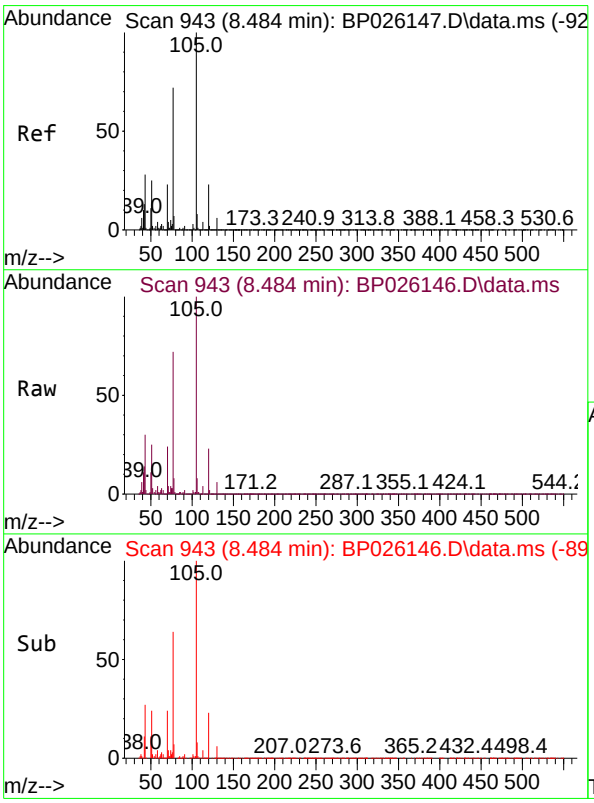
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 8.4 | 6.4 | 9.6 |
| 68 | 6.1 | 4.9 | 7.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

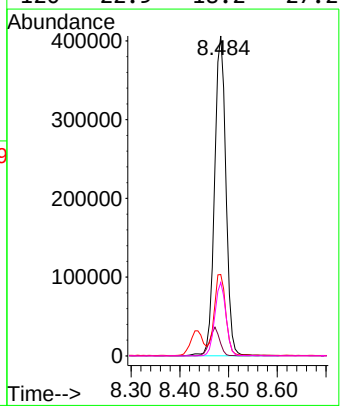
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

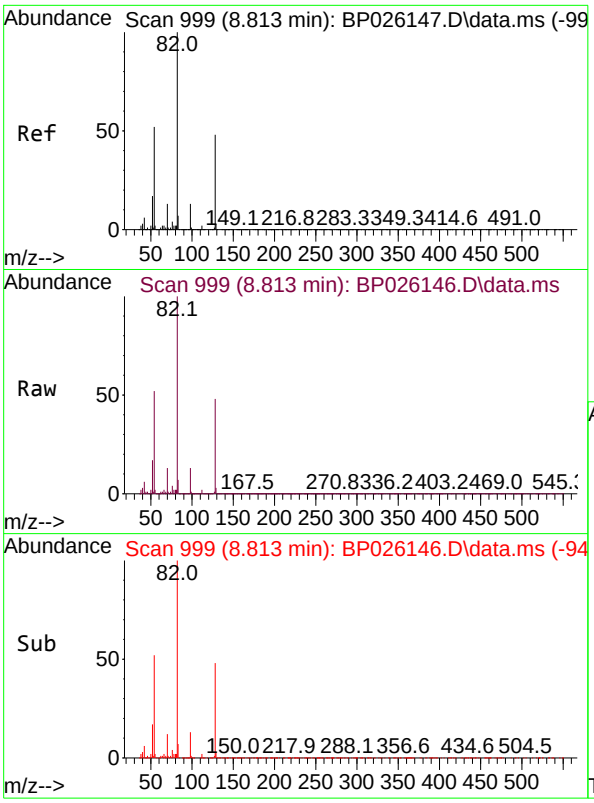



#22
Acetophenone
Concen: 21.014 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:105 Resp: 656986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.8 | 3.0 | 4.4 |
| 51 | 25.4 | 20.5 | 30.7 |
| 120 | 22.9 | 18.2 | 27.2 |

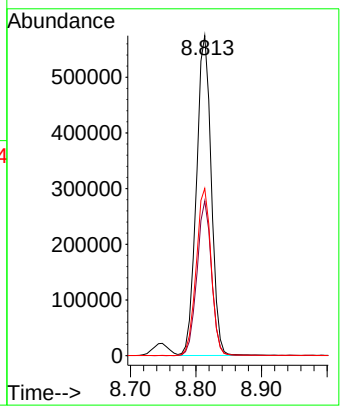





#23
Nitrobenzene-d5
Concen: 44.814 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 82 Resp: 898109

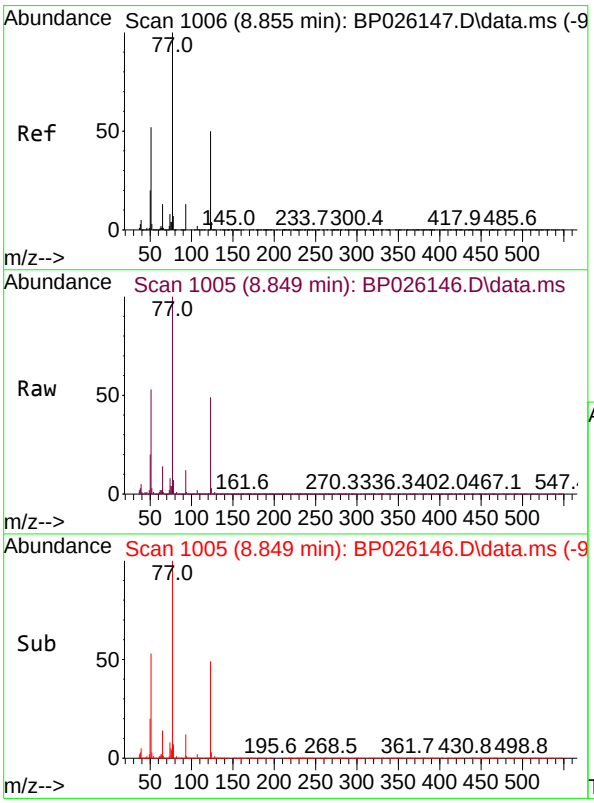
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.3 | 37.4 | 56.0 |
| 54 | 52.2 | 41.6 | 62.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

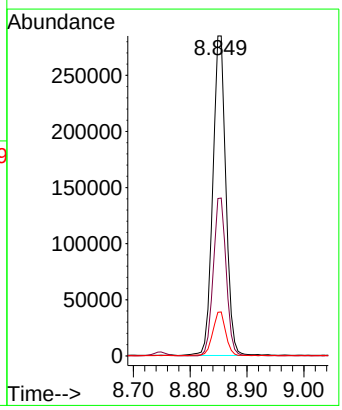
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

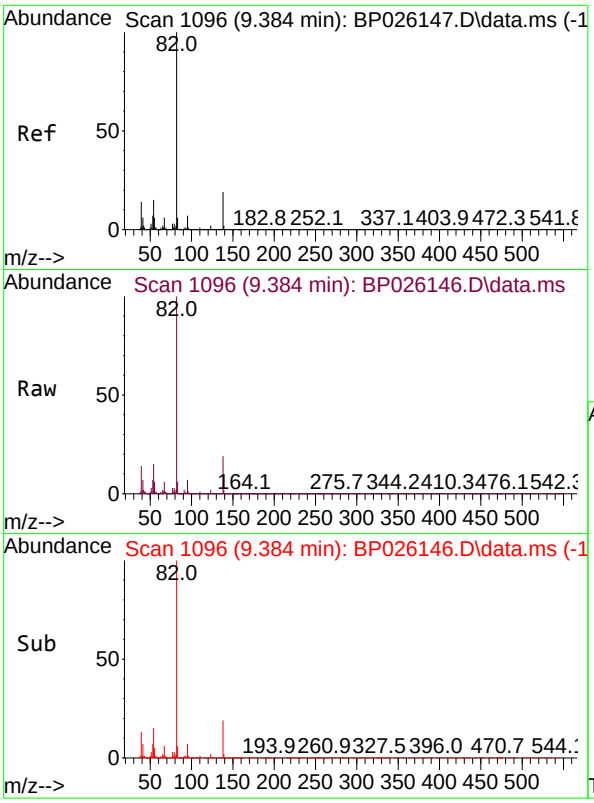



#24
Nitrobenzene
Concen: 21.768 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 456901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.2 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |

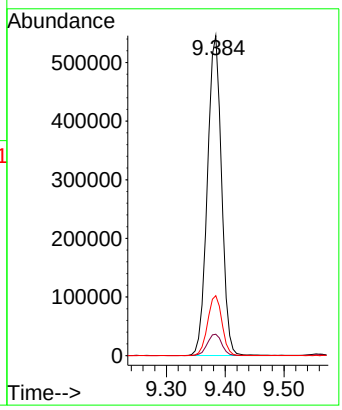





#25
Isophorone
Concen: 21.502 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 82 Resp: 91211

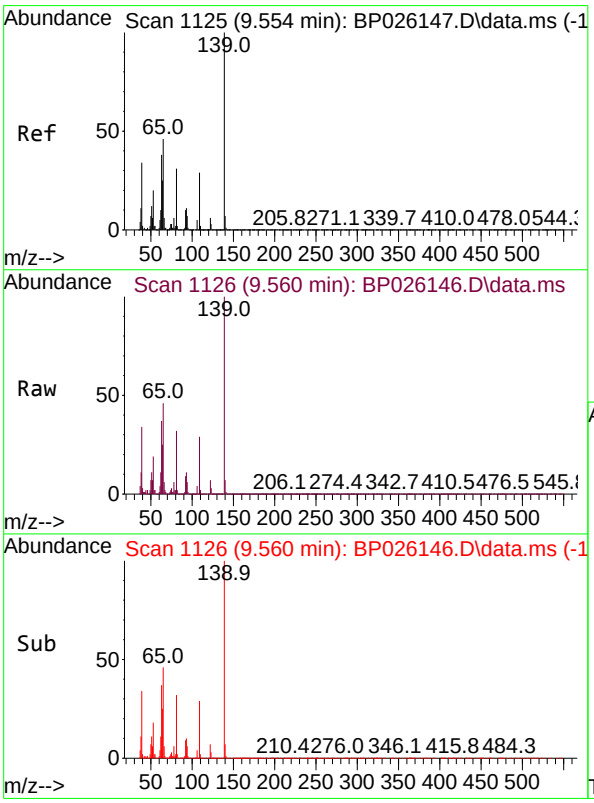
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 5.4 | 8.0 |
| 138 | 18.7 | 15.4 | 23.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

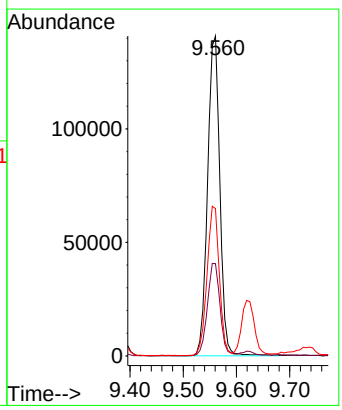
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

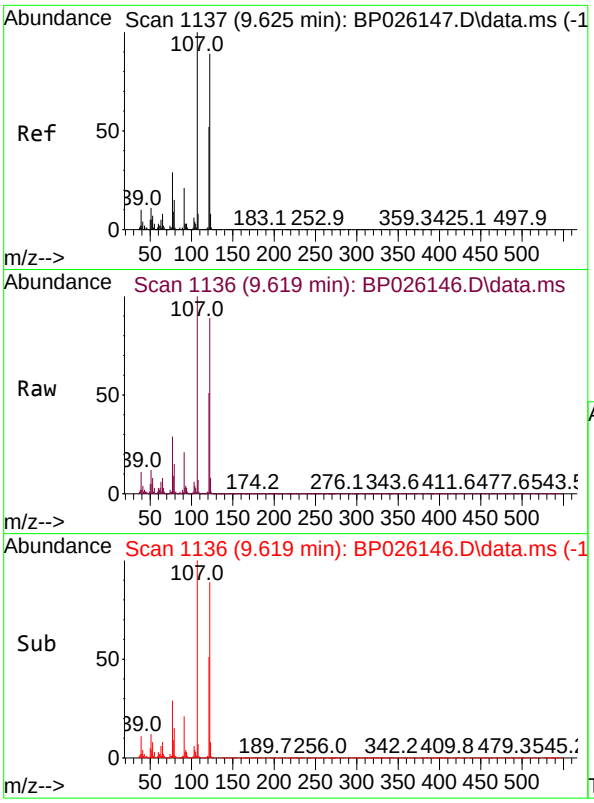



#26
2-Nitrophenol
Concen: 31.463 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:139 Resp: 225396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.8 | 22.3 | 33.5 |
| 65 | 46.0 | 37.2 | 55.8 |

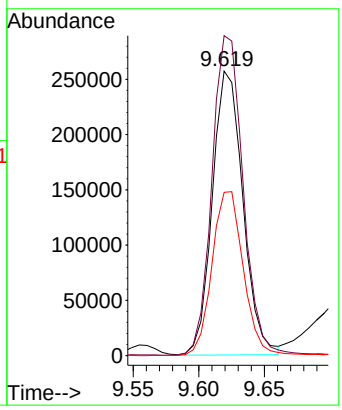





#27
2,4-Dimethylphenol
Concen: 23.115 ng
RT: 9.619 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:122 Resp: 41847

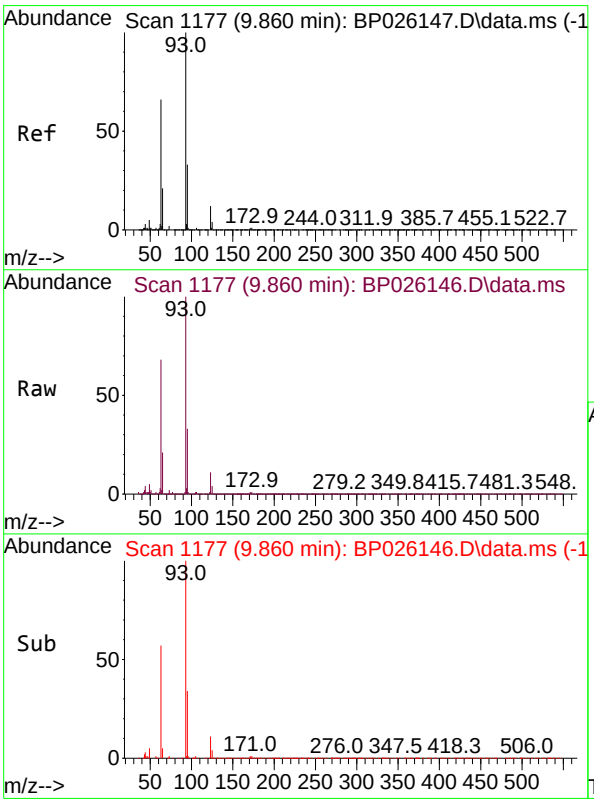
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.4 | 91.0 | 136.6 |
| 121 | 57.4 | 47.0 | 70.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

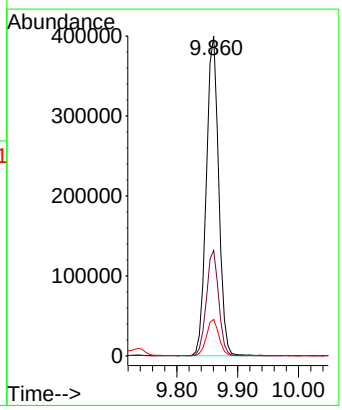
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

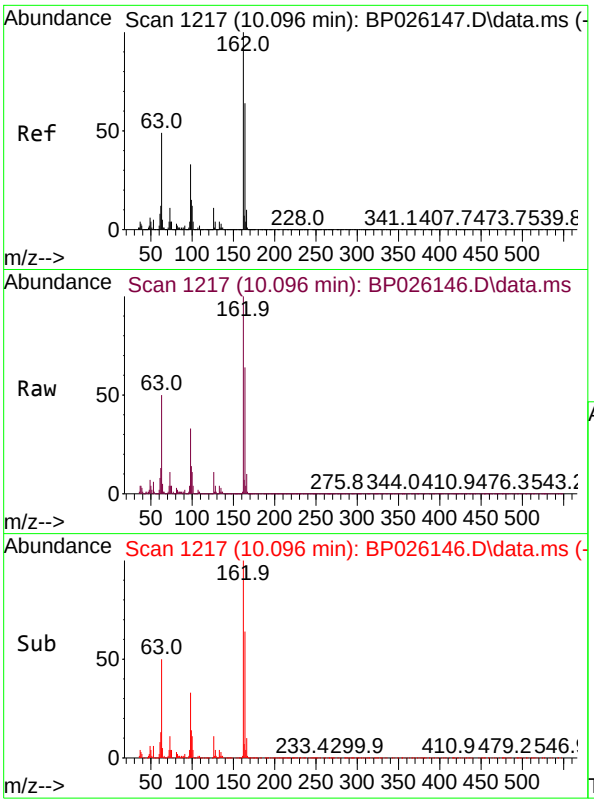



#28
bis(2-Chloroethoxy)methane
Concen: 21.042 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 563383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.0 | 26.4 | 39.6 |
| 123 | 11.4 | 9.4 | 14.0 |

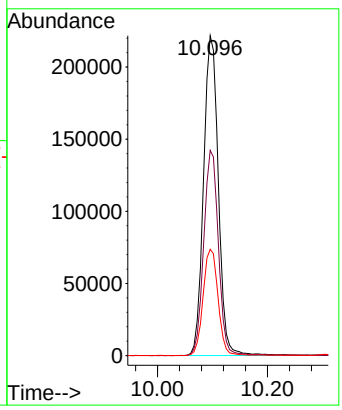





#29
2,4-Dichlorophenol
Concen: 21.974 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:162 Resp: 41515

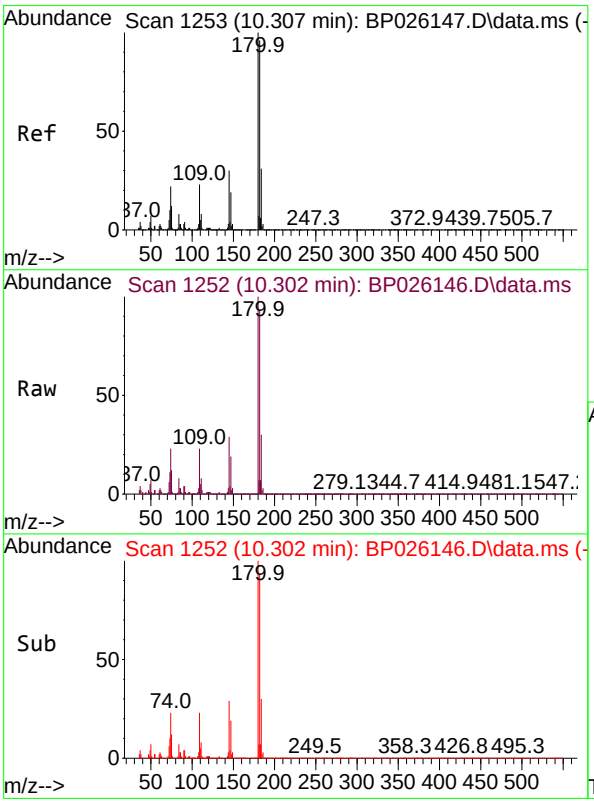
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 43.8 | 83.8 |
| 98 | 33.2 | 14.1 | 54.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

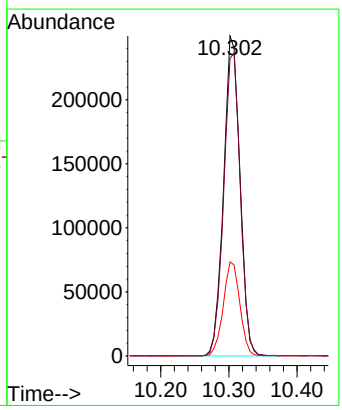
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

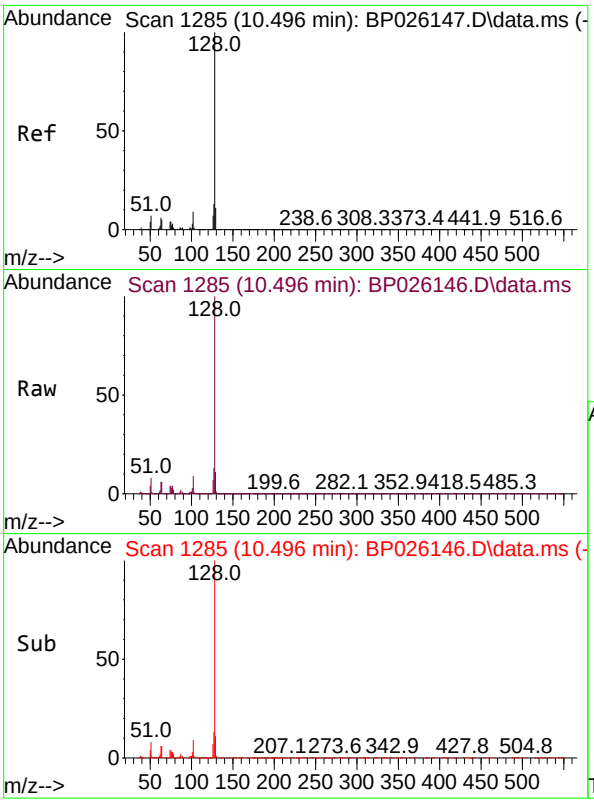



#30
1,2,4-Trichlorobenzene
Concen: 20.380 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:180 Resp: 417562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.9 | 78.1 | 117.1 |
| 145 | 29.4 | 24.2 | 36.4 |

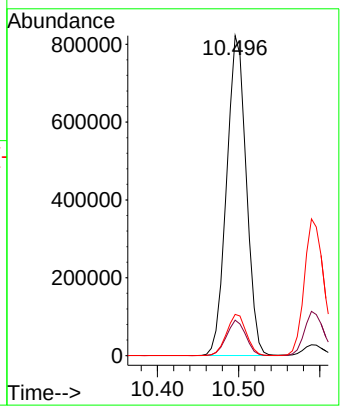





#31
Naphthalene
Concen: 20.547 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:128 Resp: 138312

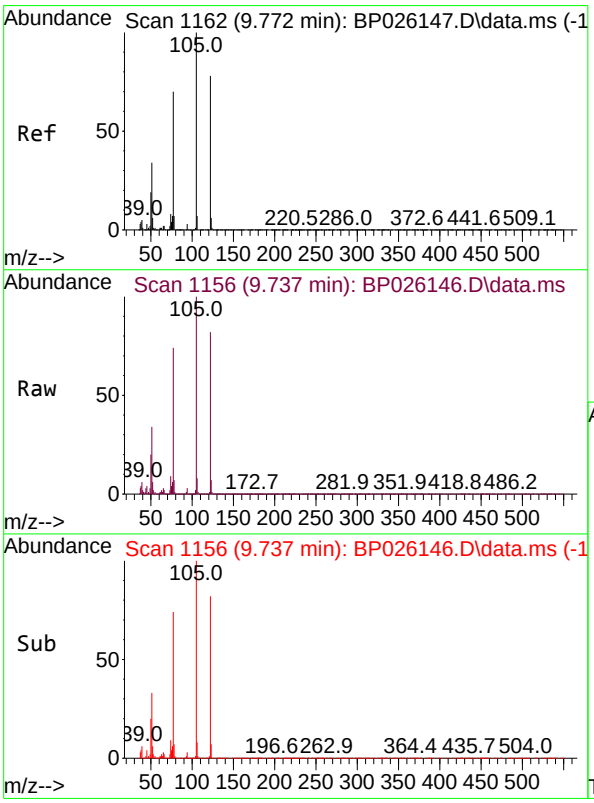
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.0 | 13.6 |
| 127 | 12.9 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

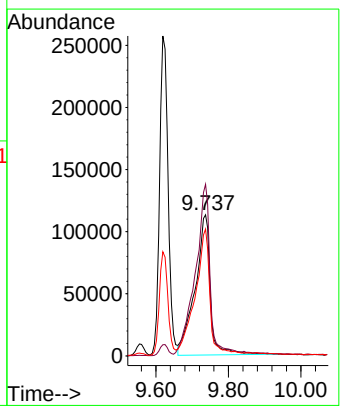
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

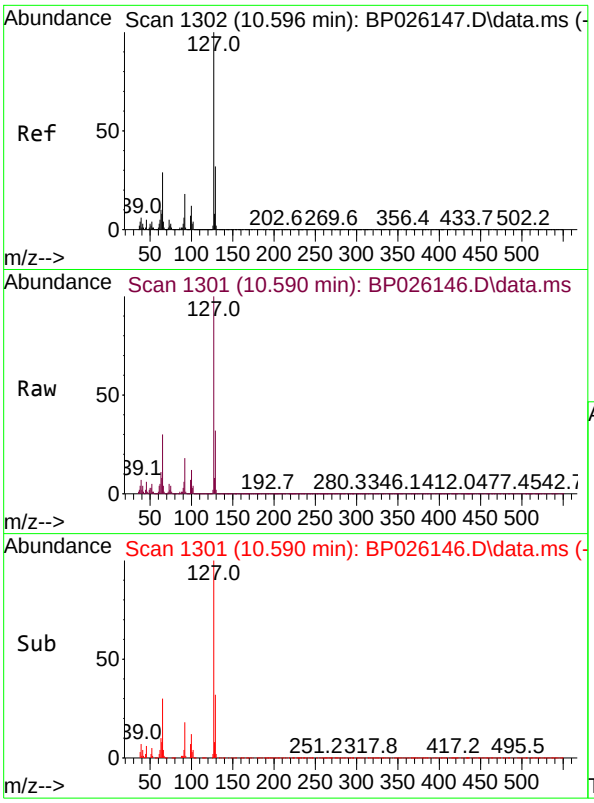



#32
Benzoic acid
Concen: 30.418 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.029 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:122 Resp: 332008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.7 | 100.1 | 140.1 |
| 77 | 90.0 | 66.7 | 106.7 |

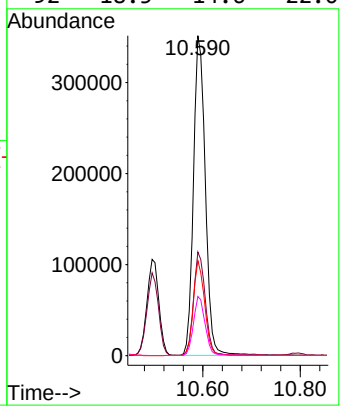





#33
4-Chloroaniline
Concen: 22.720 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:127 Resp: 59421

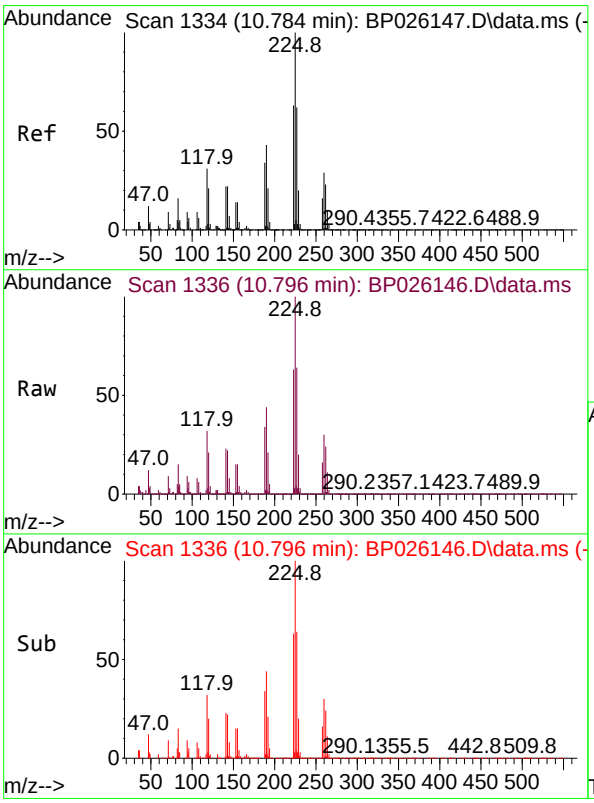
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.8 | 38.8 |
| 65 | 29.7 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

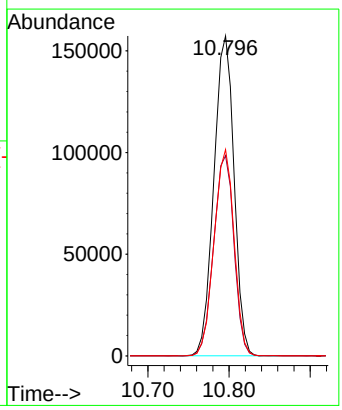
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

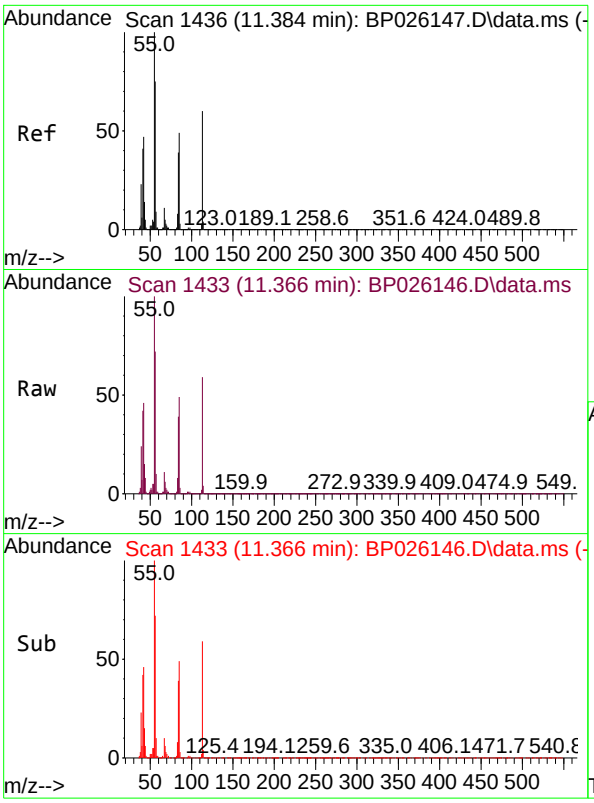



#34
Hexachlorobutadiene
Concen: 20.697 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:225 Resp: 271388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 49.6 | 74.4 |
| 227 | 64.5 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 23.091 ng
RT: 11.366 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

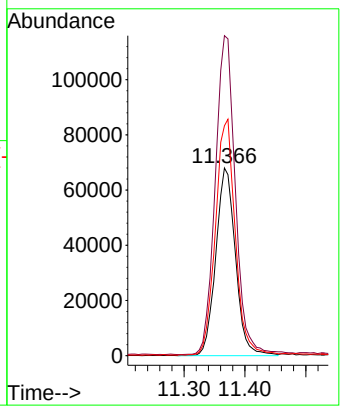
Tgt Ion:113 Resp: 15249

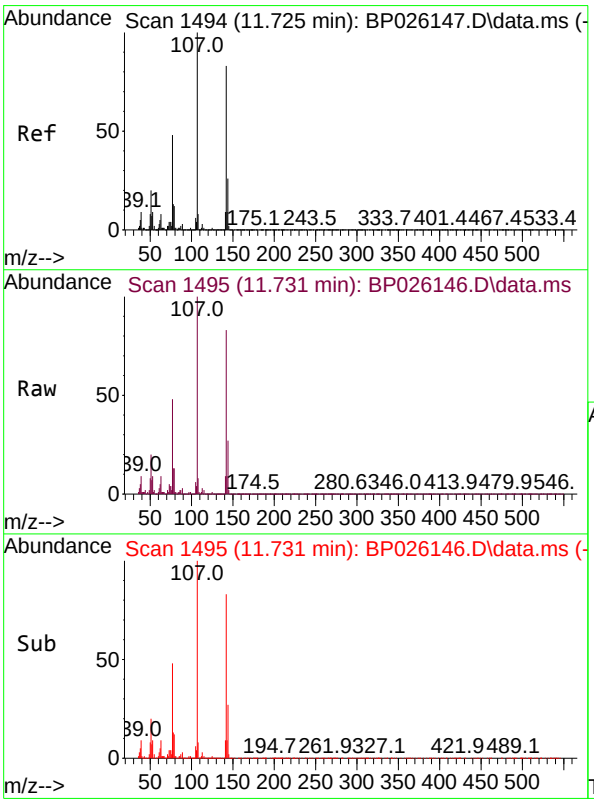
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 170.5 | 153.0 | 193.0 |
| 56 | 122.5 | 106.4 | 146.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
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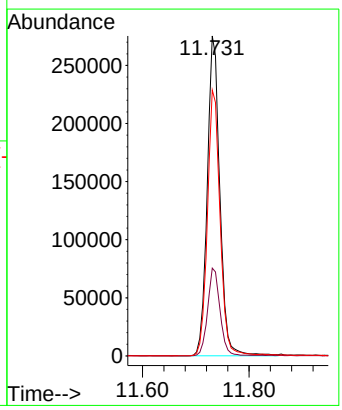


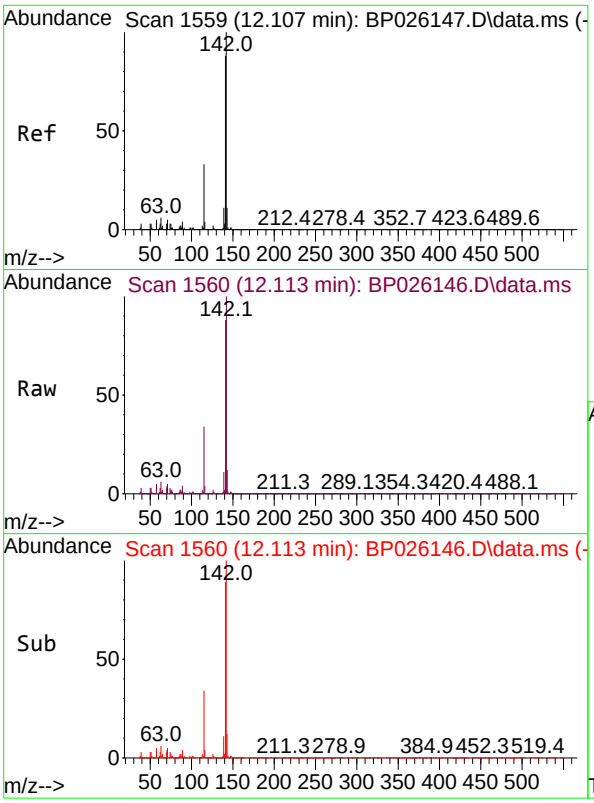




#36
4-Chloro-3-methylphenol
Concen: 22.951 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 453497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.4 | 21.6 | 32.4 |
| 142 | 83.1 | 65.6 | 98.4 |

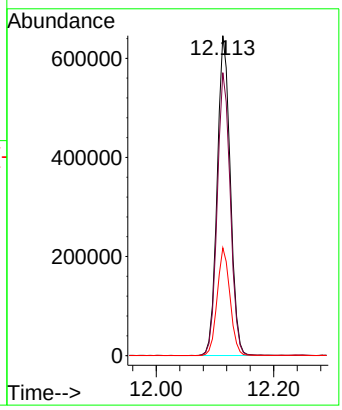





#37
2-Methylnaphthalene
Concen: 21.193 ng
RT: 12.113 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:142 Resp: 99749

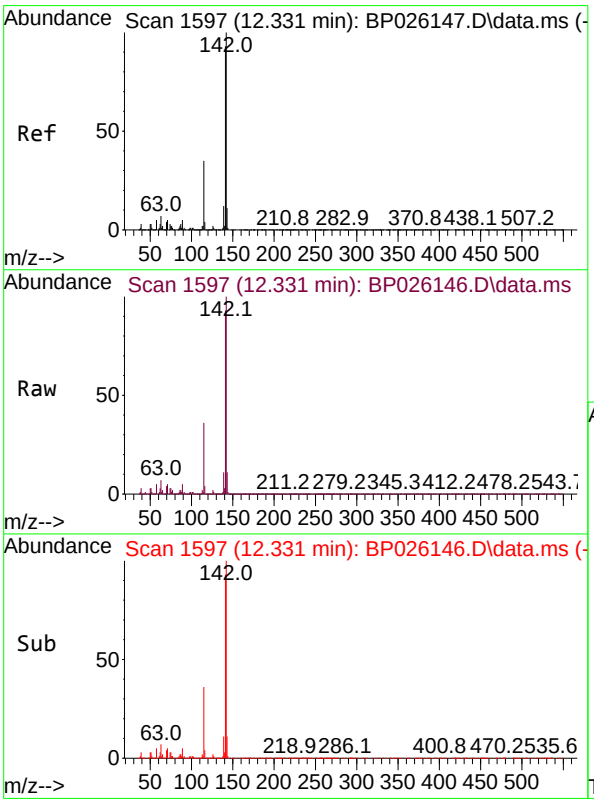
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.0 | 106.6 |
| 115 | 33.7 | 26.6 | 39.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

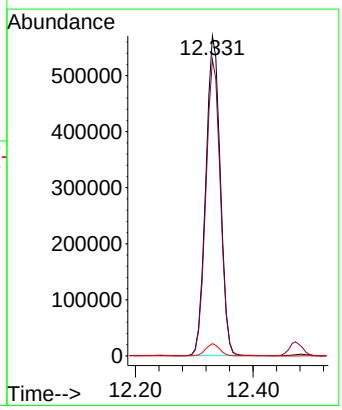
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

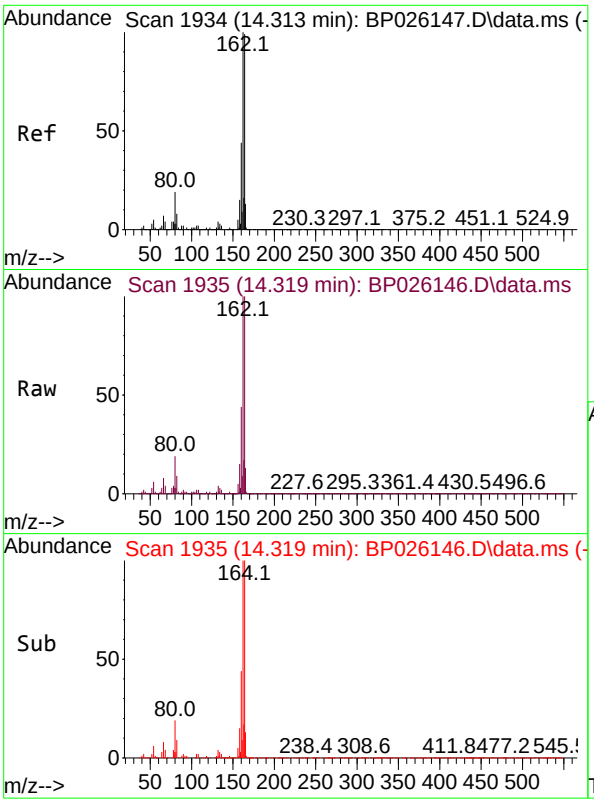



#38
1-Methylnaphthalene
Concen: 21.279 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:142 Resp: 973734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.6 | 73.5 | 110.3 |
| 116 | 3.8 | 3.0 | 4.4 |

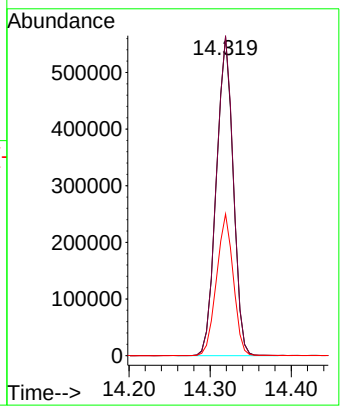





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:164 Resp: 81003

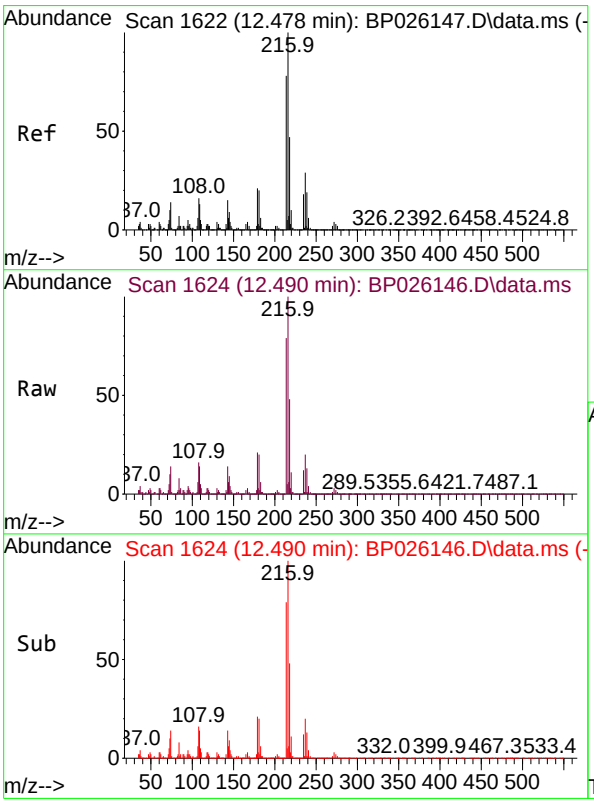
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 80.3 | 120.5 |
| 160 | 44.4 | 35.2 | 52.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

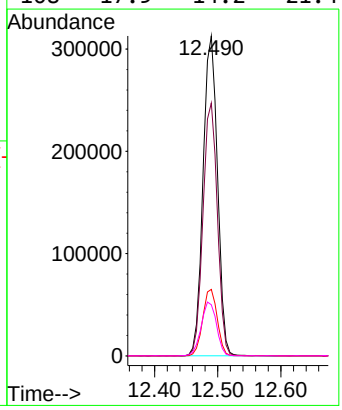
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

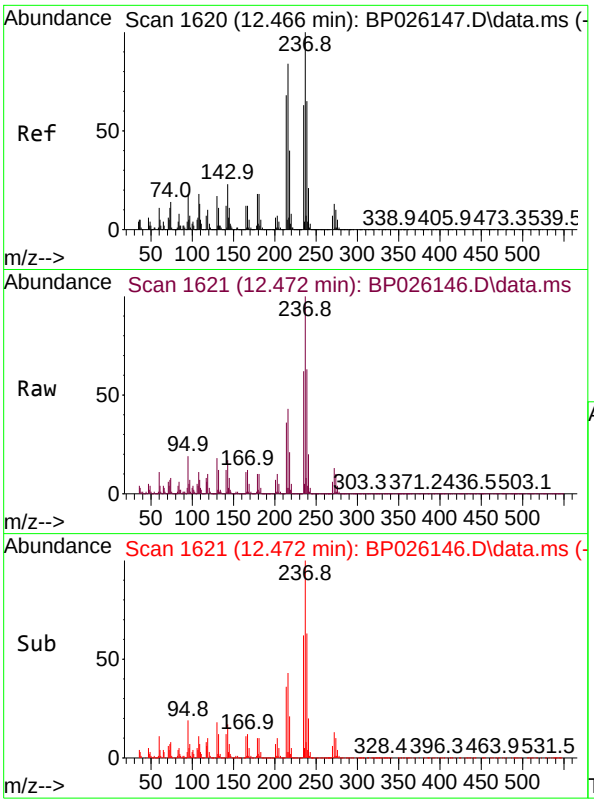



#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.803 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:216 Resp: 496403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 62.6 | 94.0 |
| 179 | 21.0 | 16.6 | 25.0 |
| 108 | 17.9 | 14.2 | 21.4 |

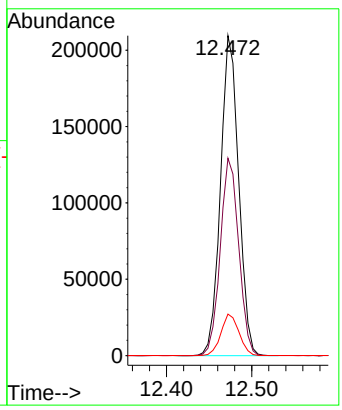





#41
Hexachlorocyclopentadiene
Concen: 29.677 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:237 Resp: 30936

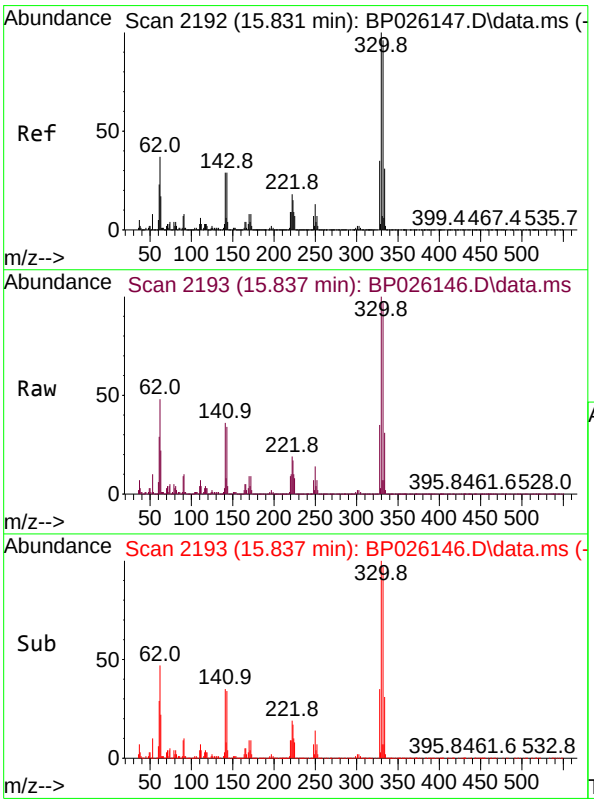
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.7 | 43.3 | 83.3 |
| 272 | 13.0 | 0.0 | 32.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

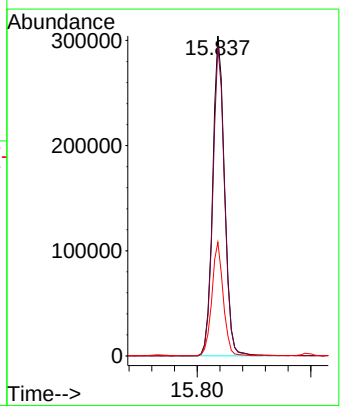
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

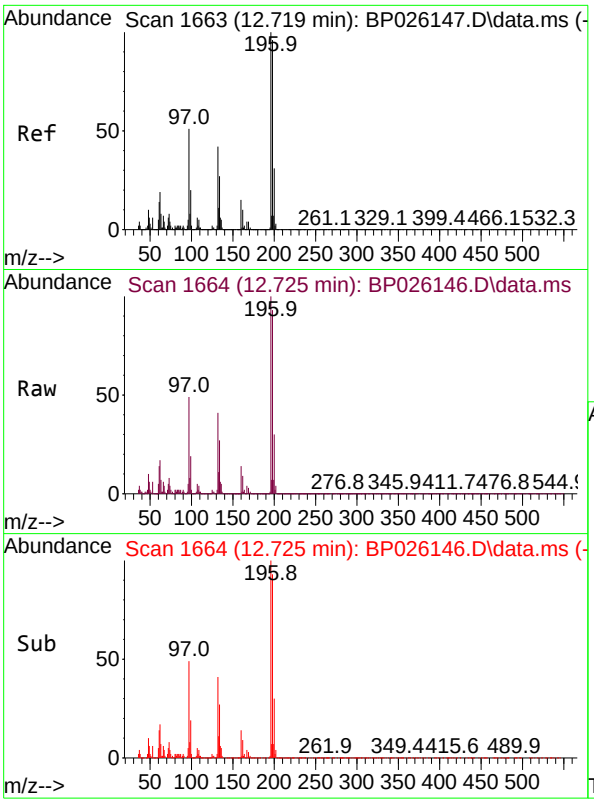



#42
2,4,6-Tribromophenol
Concen: 49.922 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:330 Resp: 442990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 78.0 | 117.0 |
| 141 | 34.0 | 26.8 | 40.2 |






#43
2,4,6-Trichlorophenol
Concen: 23.301 ng
RT: 12.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

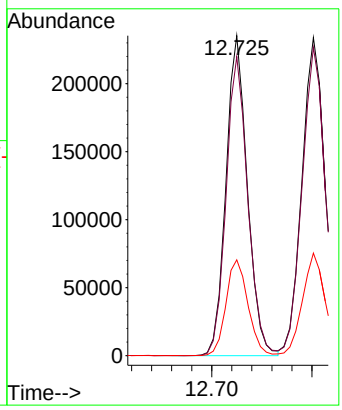
Tgt Ion:196 Resp: 34939

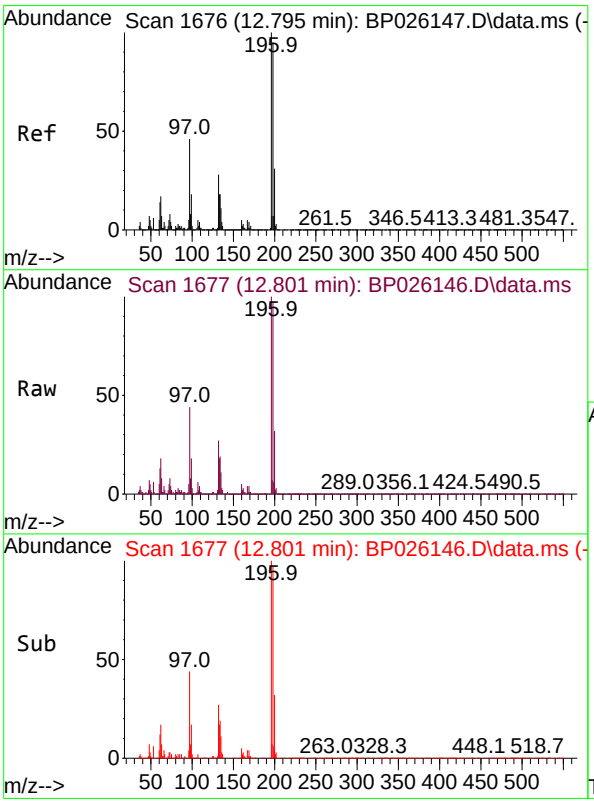
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.4 | 76.9 | 115.3 |
| 200 | 30.0 | 24.6 | 37.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

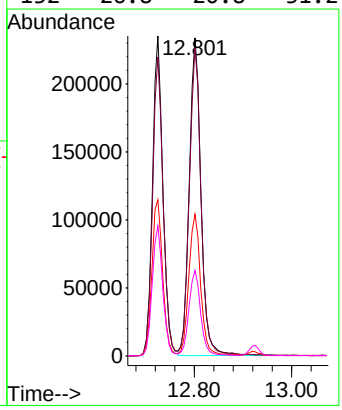


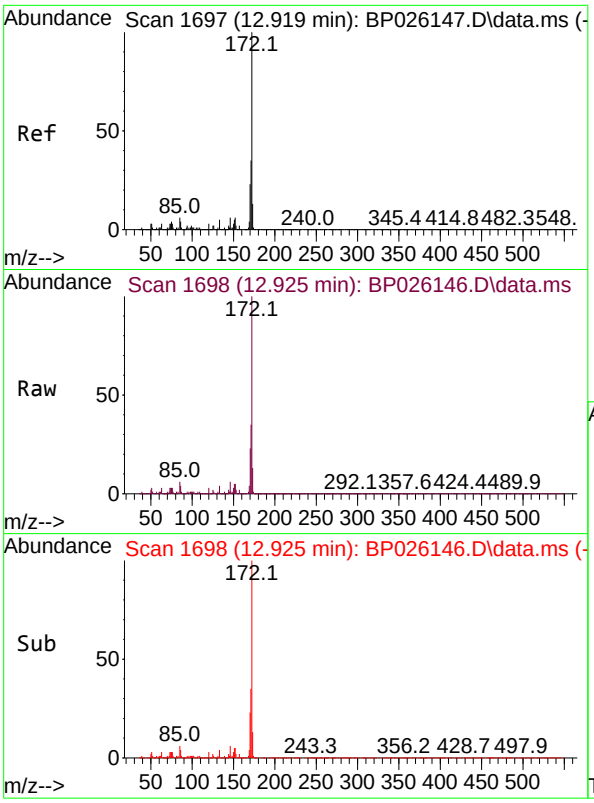




#44
2,4,5-Trichlorophenol
Concen: 22.897 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:196 Resp: 390063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 76.4 | 114.6 |
| 97 | 44.5 | 35.7 | 53.5 |
| 132 | 26.8 | 20.8 | 31.2 |

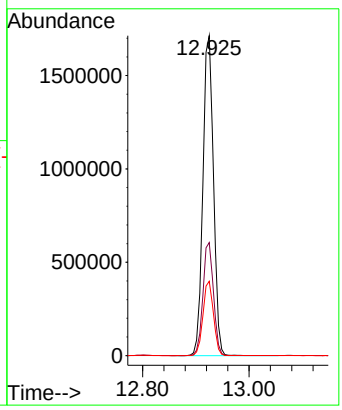





#45
2-Fluorobiphenyl
Concen: 41.935 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:172 Resp: 235427

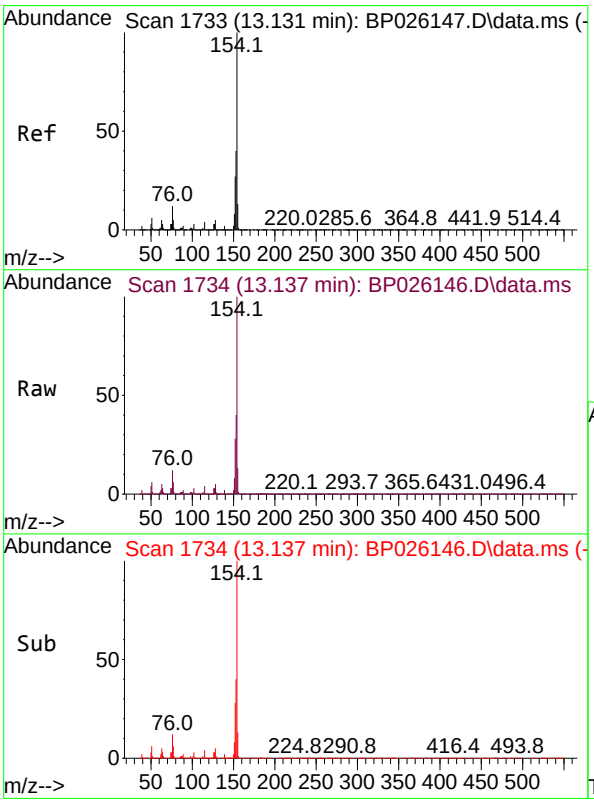
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.2 | 42.4 |
| 170 | 23.2 | 18.7 | 28.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

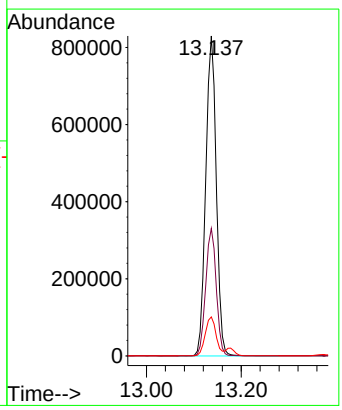
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

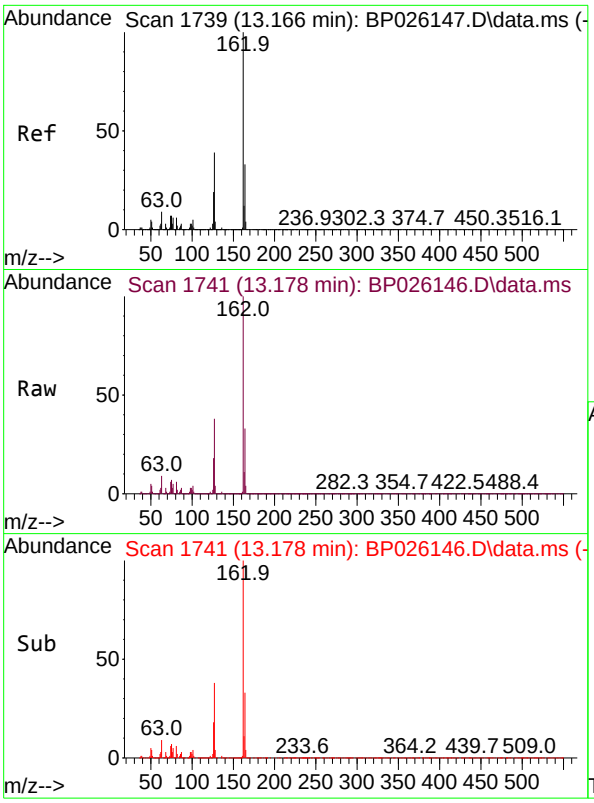



#46
1,1'-Biphenyl
Concen: 20.733 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:154 Resp: 1280167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.8 | 20.3 | 60.3 |
| 76 | 12.2 | 0.0 | 32.3 |

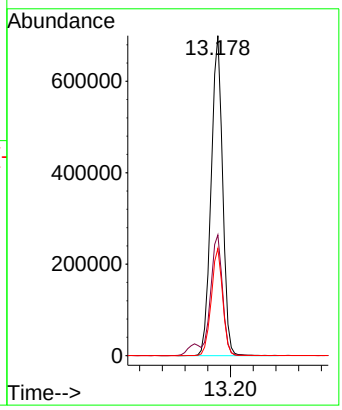





#47
2-Chloronaphthalene
Concen: 20.303 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:162 Resp: 98556

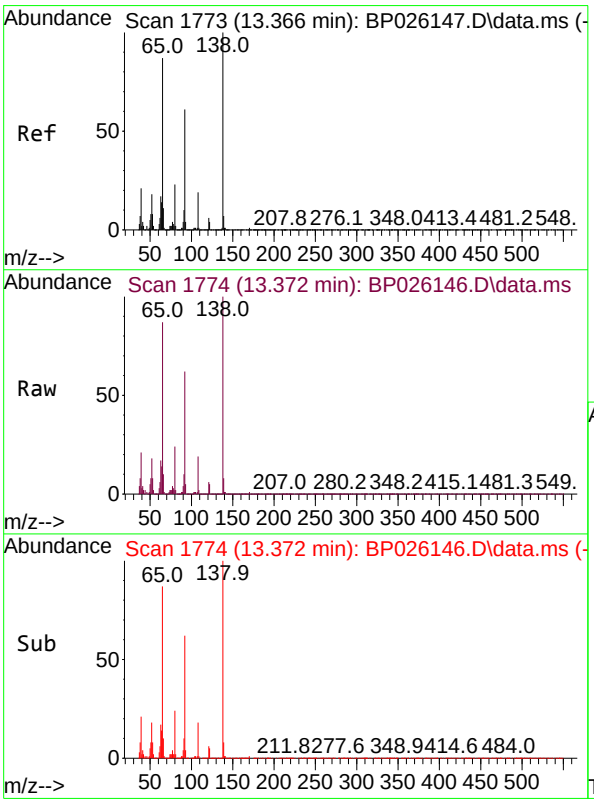
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.7 | 30.9 | 46.3 |
| 164 | 33.5 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

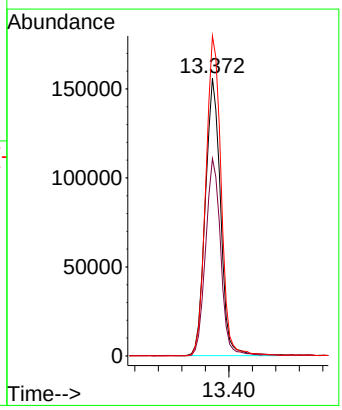
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

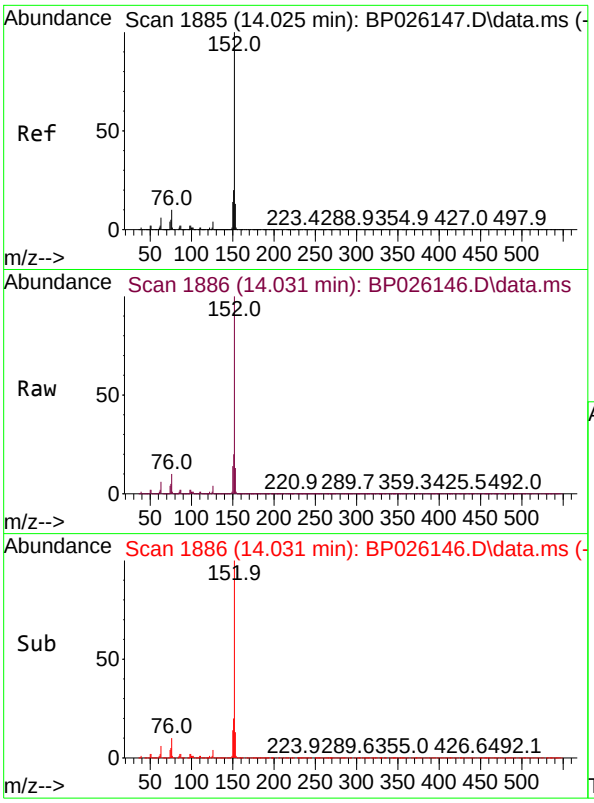



#48
2-Nitroaniline
Concen: 25.032 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 65 Resp: 279508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.0 | 59.1 | 88.7 |
| 138 | 115.2 | 96.6 | 145.0 |

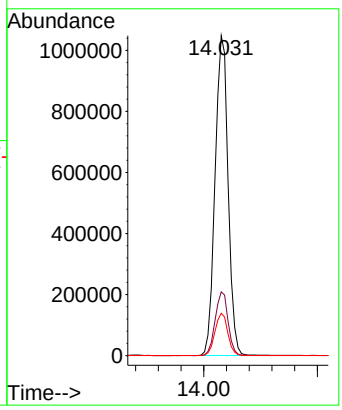





#49
Acenaphthylene
Concen: 23.158 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:152 Resp: 166159

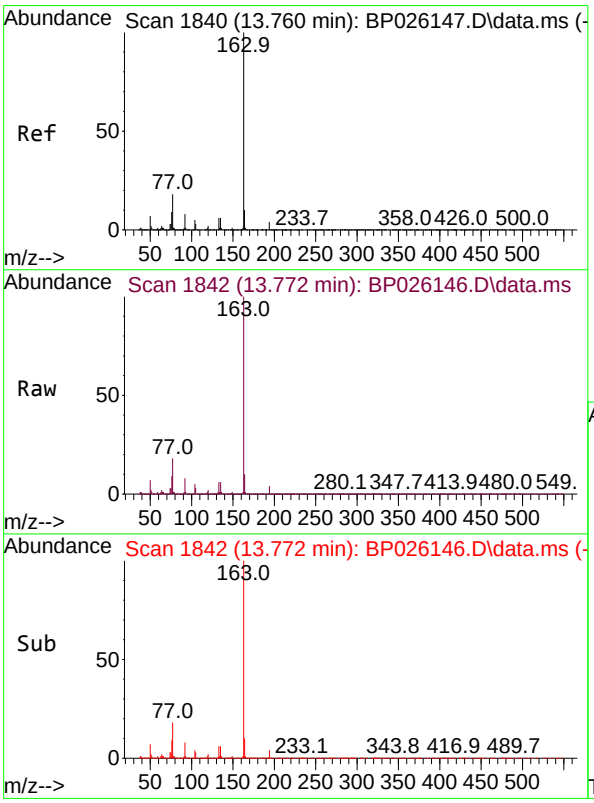
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.8 | 23.8 |
| 153 | 13.3 | 10.6 | 16.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

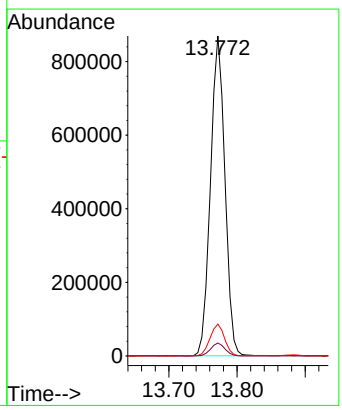
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

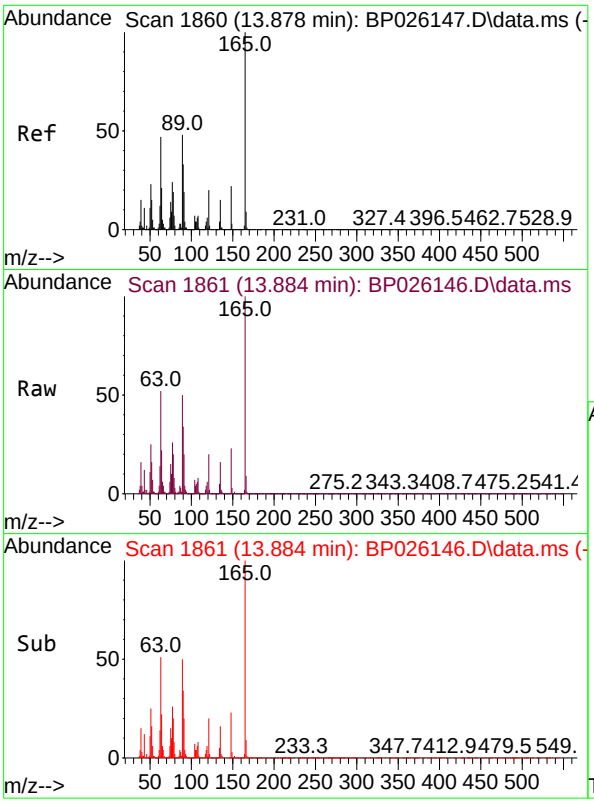



#50
Dimethylphthalate
Concen: 21.720 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:163 Resp: 1274006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 9.9 | 8.2 | 12.2 |

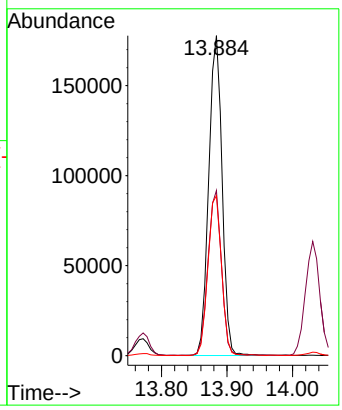





#51
2,6-Dinitrotoluene
Concen: 25.482 ng
RT: 13.884 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:165 Resp: 25127

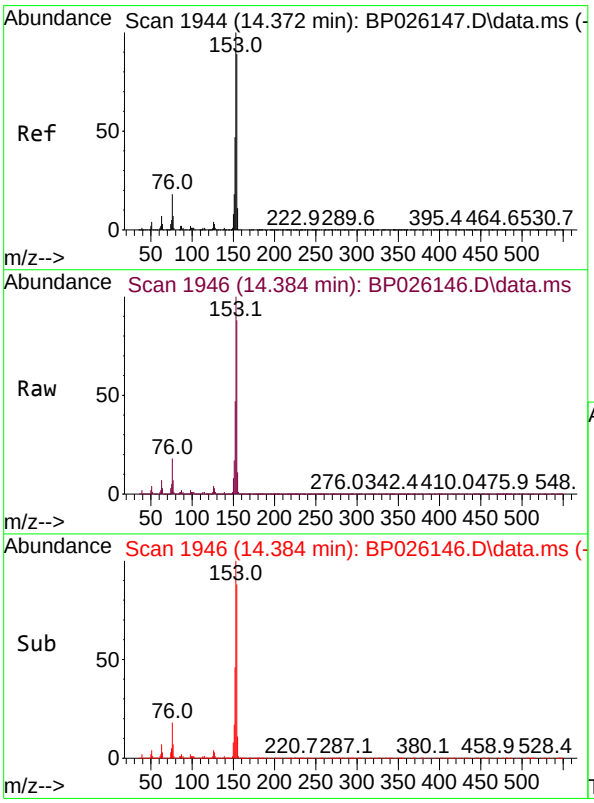
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.6 | 40.5 | 60.7 |
| 89 | 50.0 | 41.3 | 61.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

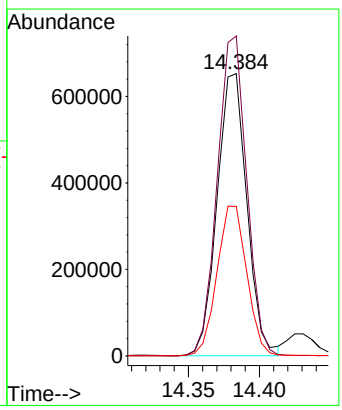
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

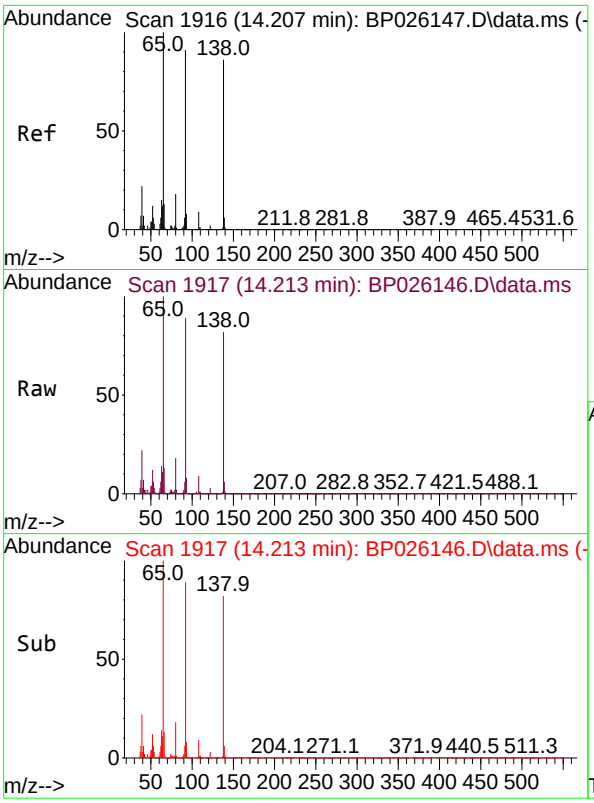



#52
Acenaphthene
Concen: 19.901 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:154 Resp: 955446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.3 | 90.7 | 136.1 |
| 152 | 53.0 | 42.8 | 64.2 |






#53
3-Nitroaniline
Concen: 24.958 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

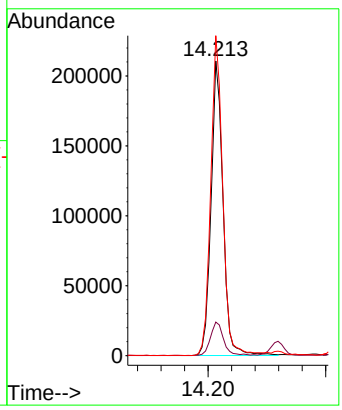
Tgt Ion:138 Resp: 29773

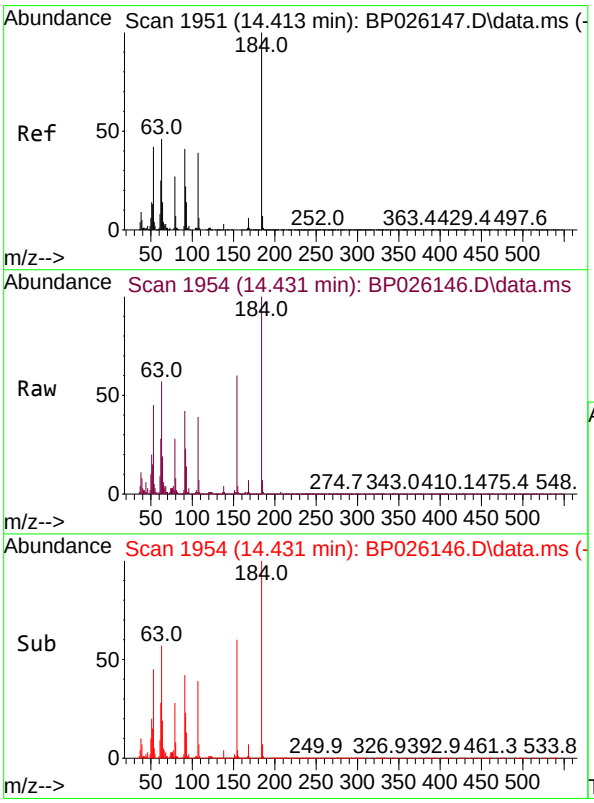
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.4 | 8.9 | 13.3 |
| 92 | 108.6 | 86.3 | 129.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

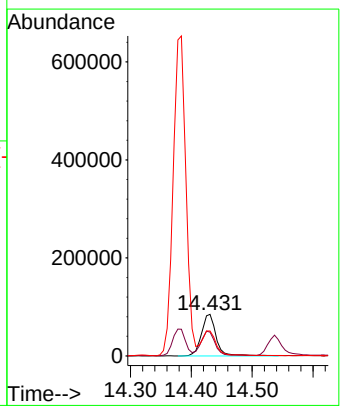


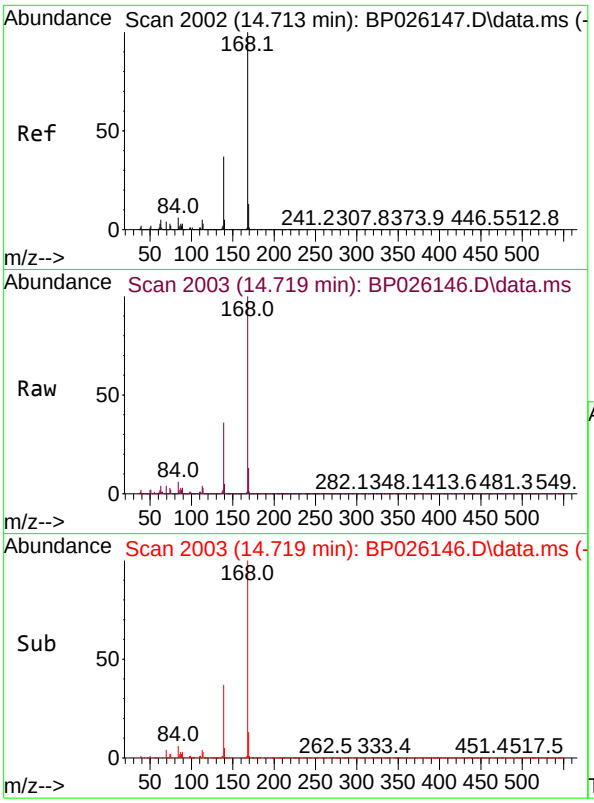




#54
2,4-Dinitrophenol
Concen: 31.181 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:184 Resp: 141102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.2 | 43.1 | 64.7 |
| 154 | 59.9 | 49.5 | 74.3 |

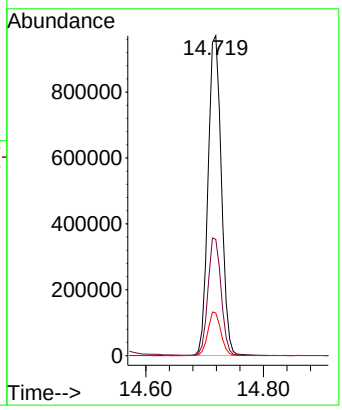





#55
Dibenzofuran
Concen: 20.834 ng
RT: 14.719 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:168 Resp: 152324

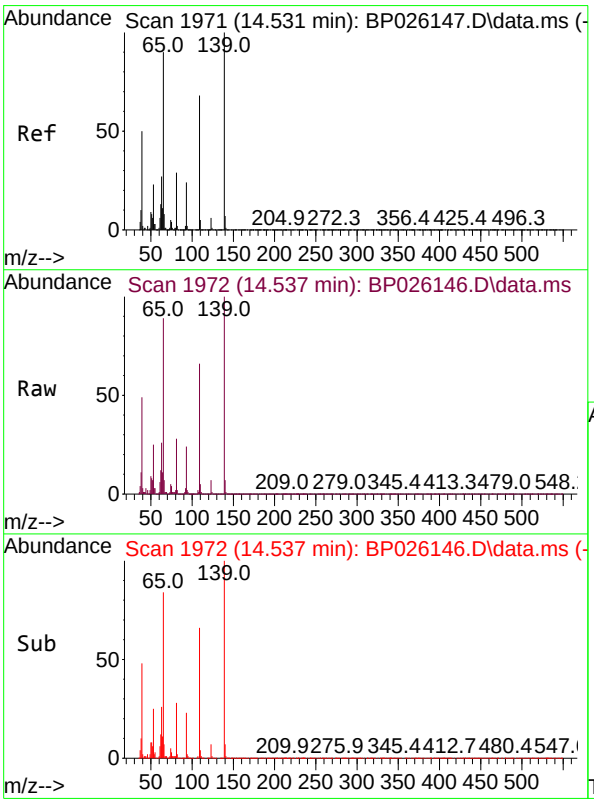
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.3 | 29.8 | 44.6 |
| 169 | 13.3 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

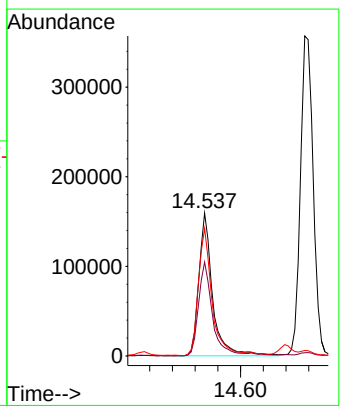
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

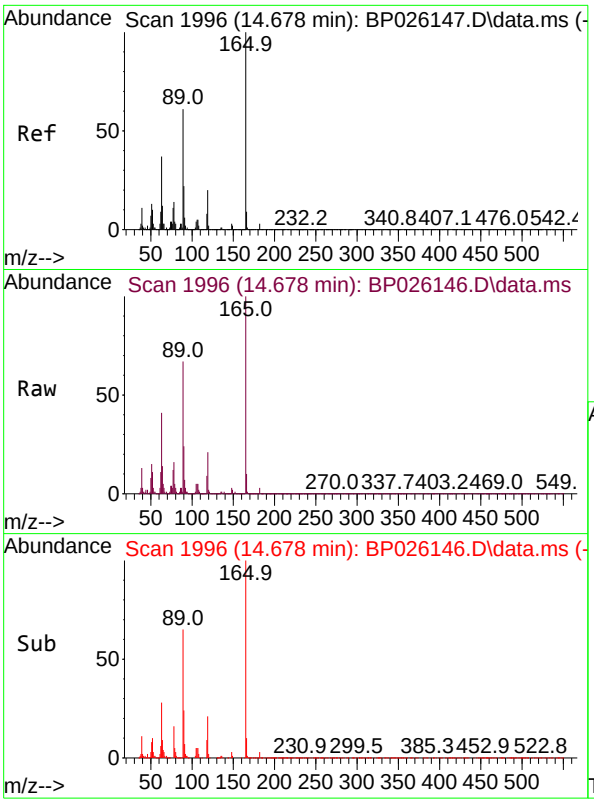



#56
4-Nitrophenol
Concen: 22.578 ng
RT: 14.537 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:139 Resp: 268085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 65.8 | 46.8 | 86.8 |
| 65 | 89.3 | 69.3 | 109.3 |

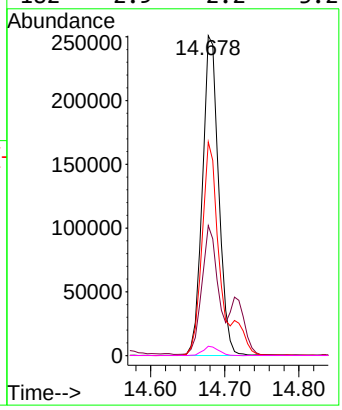





#57
2,4-Dinitrotoluene
Concen: 26.418 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:165 Resp: 380156

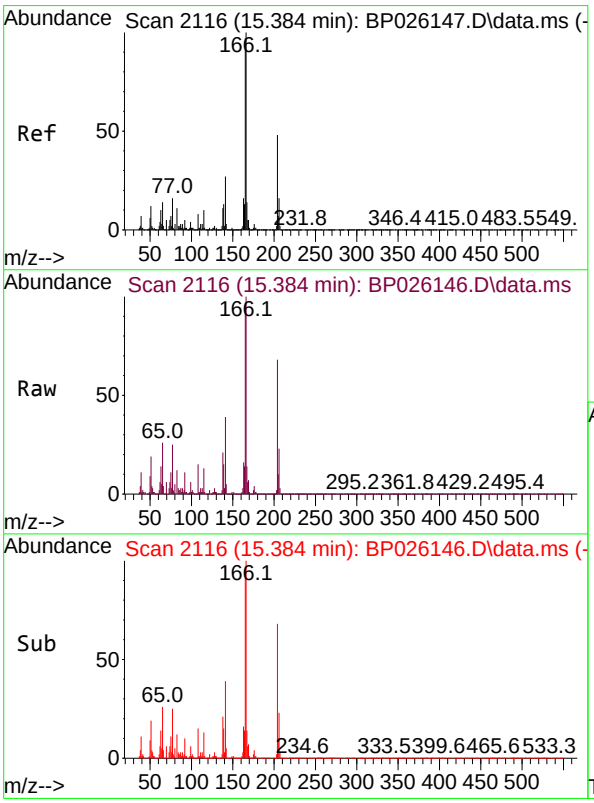
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.6 | 31.0 | 46.6 |
| 89 | 66.8 | 51.7 | 77.5 |
| 182 | 2.9 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

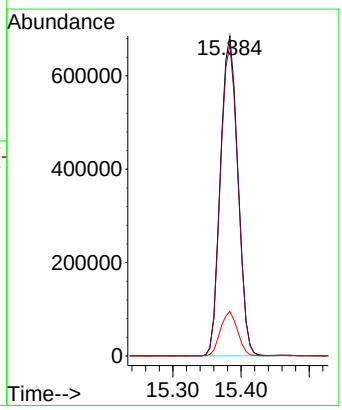
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

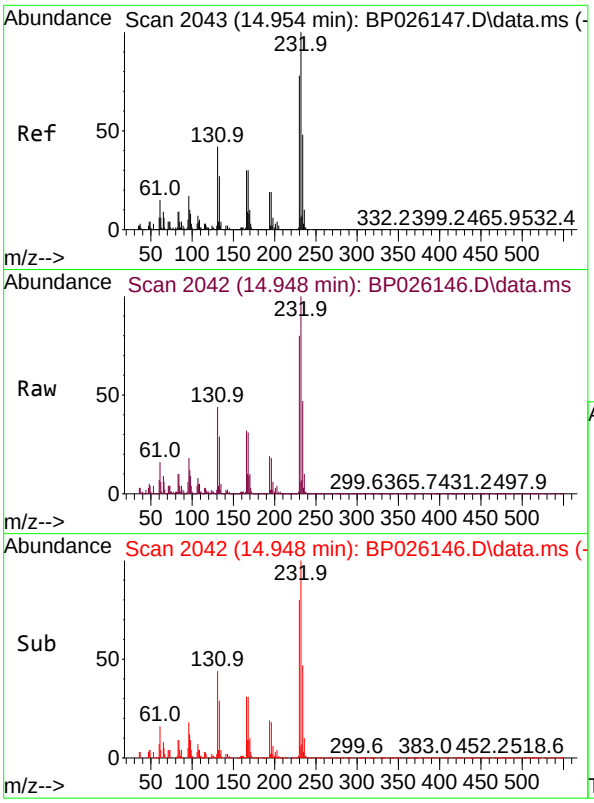



#58
Fluorene
Concen: 21.155 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:166 Resp: 1215204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.4 | 77.9 | 116.9 |
| 167 | 13.9 | 11.0 | 16.4 |

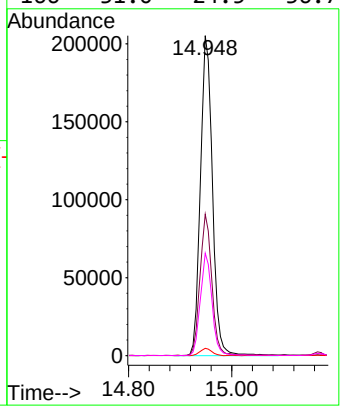





#59
2,3,4,6-Tetrachlorophenol
Concen: 24.574 ng
RT: 14.948 min Scan# 20
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:232 Resp: 331539

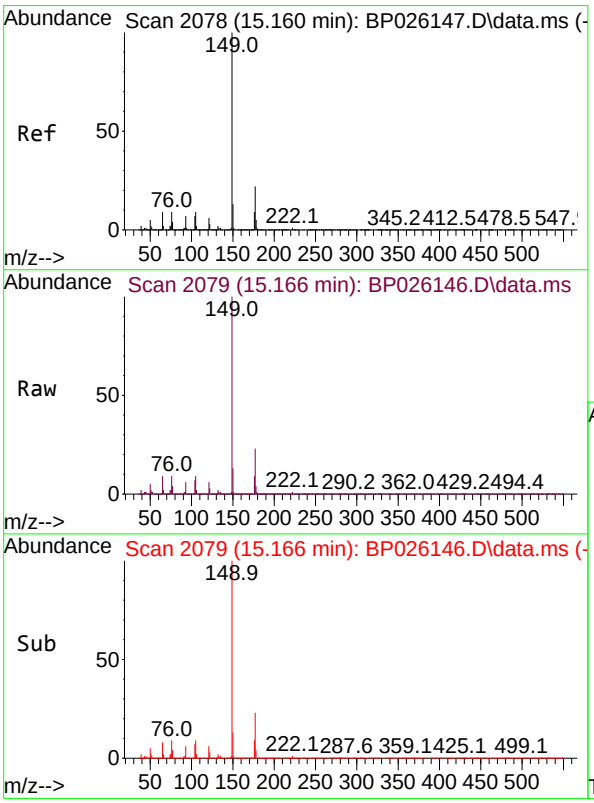
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.2 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 31.0 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

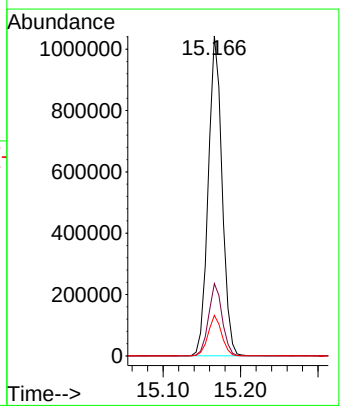
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

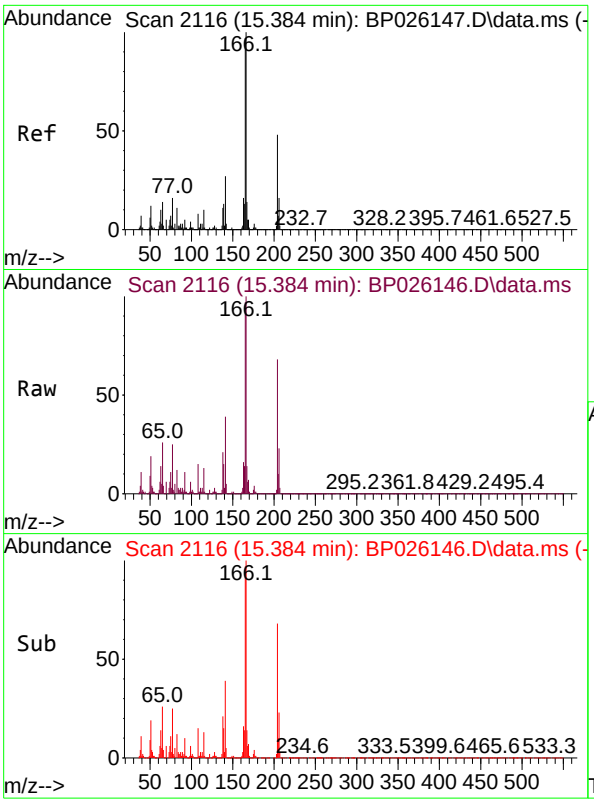



#60
Diethylphthalate
Concen: 21.853 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1289507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 17.9 | 26.9 |
| 150 | 12.7 | 9.9 | 14.9 |

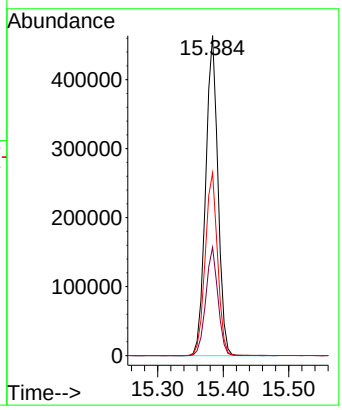





#61
4-Chlorophenyl-phenylether
Concen: 20.967 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:204 Resp: 60036

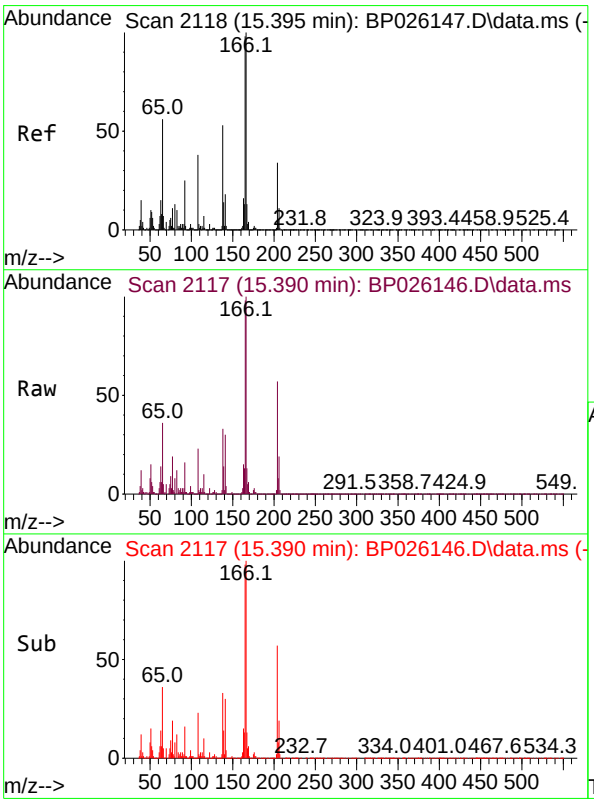
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.9 | 26.2 | 39.2 |
| 141 | 57.1 | 48.1 | 72.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

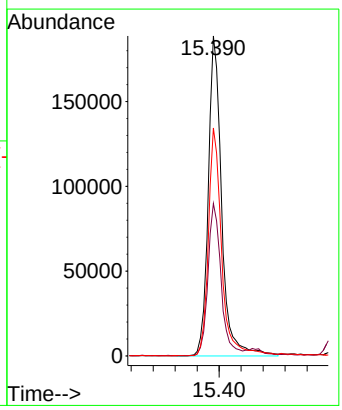
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

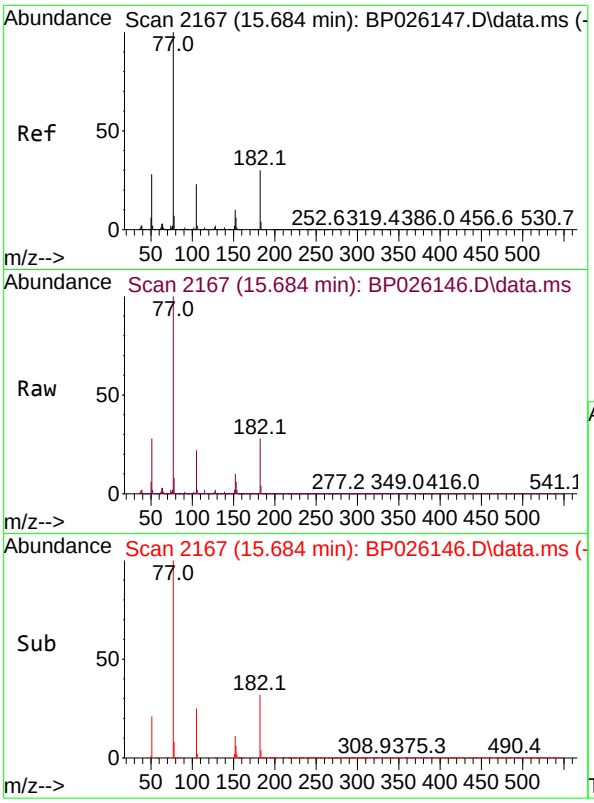



#62
4-Nitroaniline
Concen: 25.224 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:138 Resp: 319109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.6 | 27.5 | 67.5 |
| 108 | 71.2 | 51.1 | 91.1 |

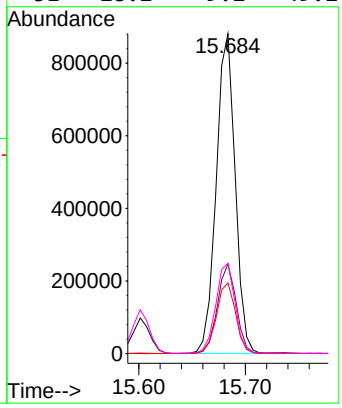





#63
Azobenzene
Concen: 20.545 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 77 Resp: 108996

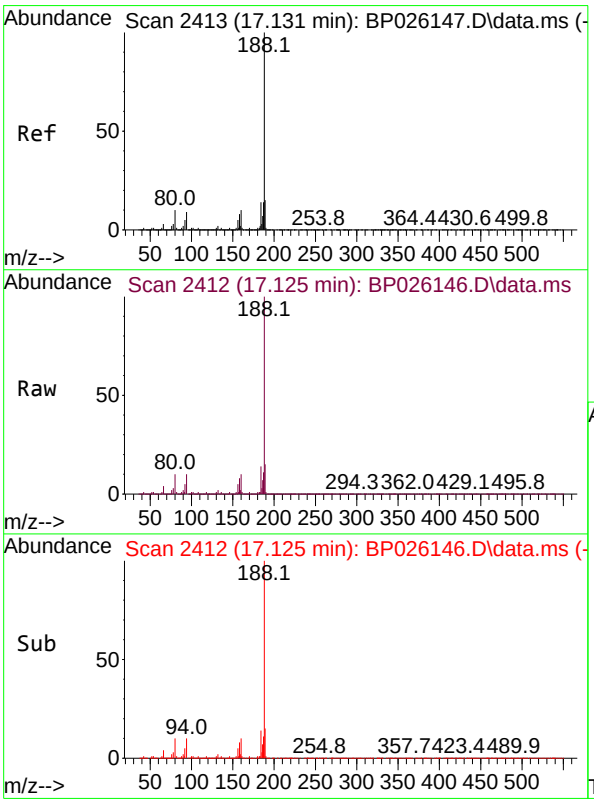
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.0 | 8.8 | 48.8 |
| 105 | 22.1 | 2.6 | 42.6 |
| 51 | 28.2 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

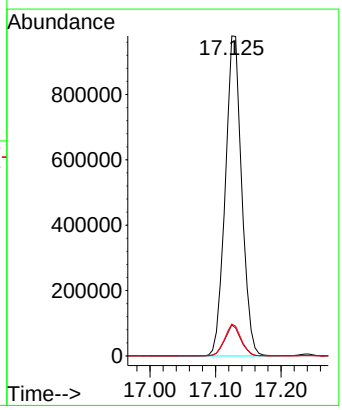
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

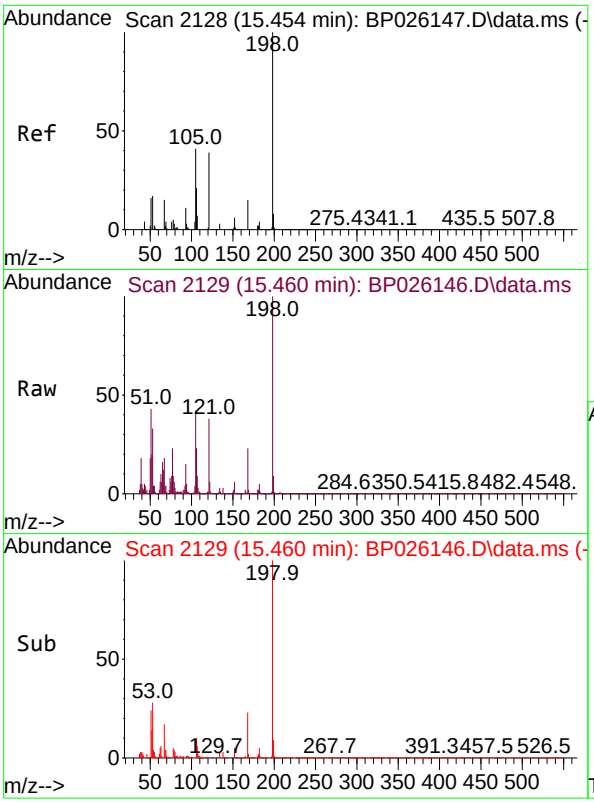



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:188 Resp: 1709036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.7 | 7.8 | 11.6 |
| 80 | 9.9 | 8.2 | 12.2 |

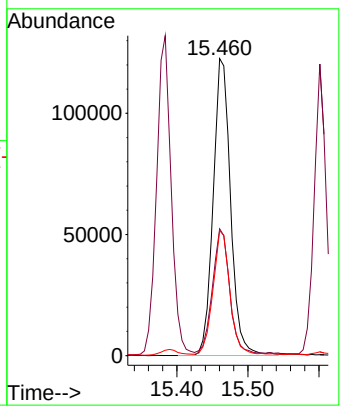





#65
4,6-Dinitro-2-methylphenol
Concen: 28.706 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:198 Resp: 20940

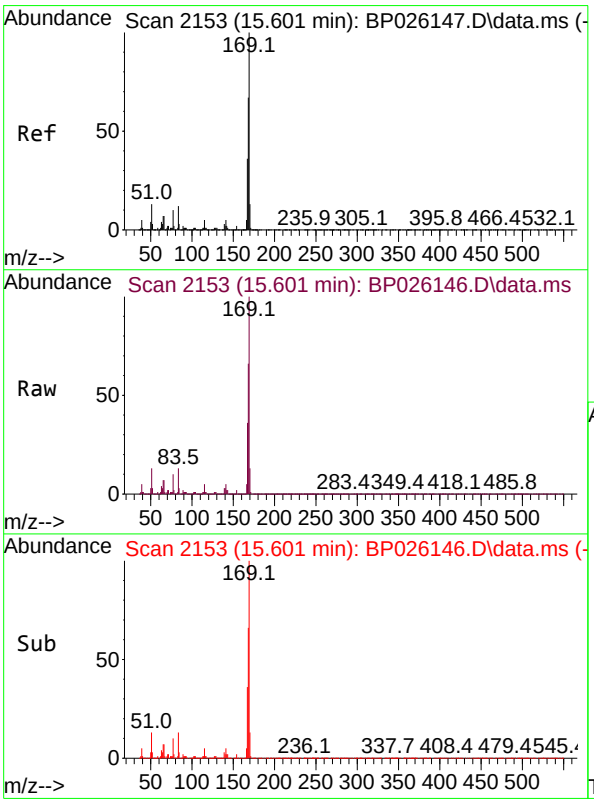
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.7 | 18.4 | 58.4 |
| 105 | 42.1 | 18.5 | 58.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

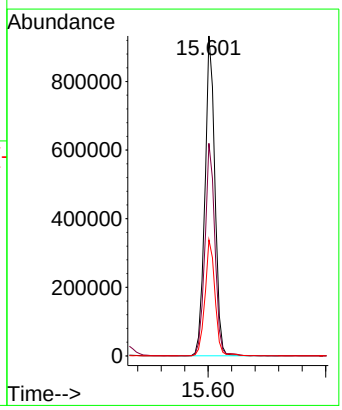
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

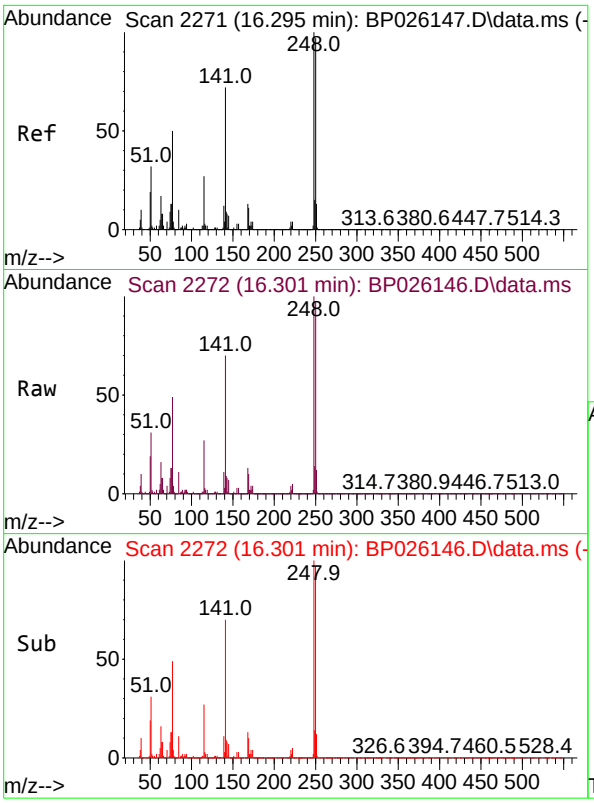



#66
n-Nitrosodiphenylamine
Concen: 20.565 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:169 Resp: 1094982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.4 | 53.1 | 79.7 |
| 167 | 36.3 | 28.9 | 43.3 |






#67
4-Bromophenyl-phenylether
Concen: 20.120 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

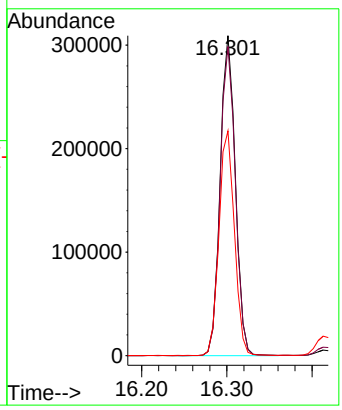
Tgt Ion:248 Resp: 38173

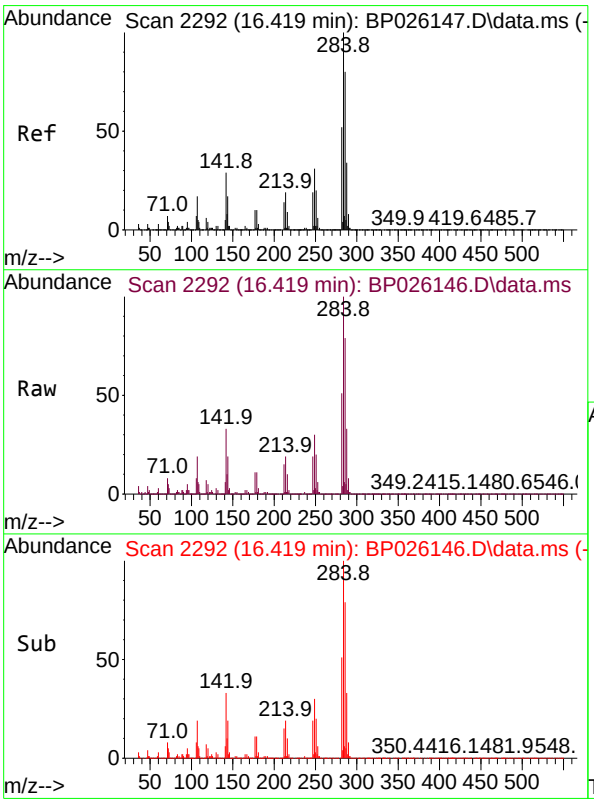
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.6 | 77.8 | 116.6 |
| 141 | 70.2 | 55.4 | 83.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

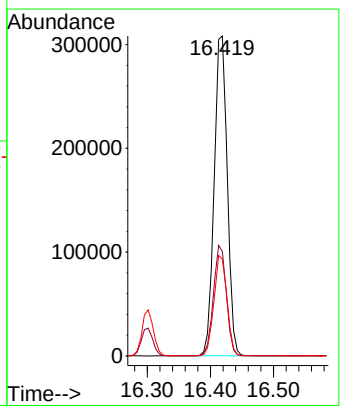


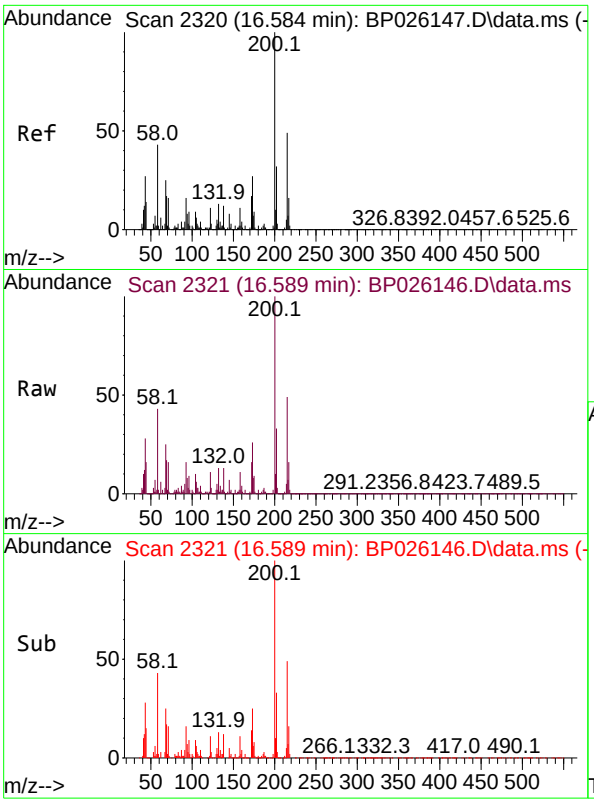




#68
Hexachlorobenzene
Concen: 20.559 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:284 Resp: 443742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.6 | 28.0 | 42.0 |
| 249 | 30.2 | 25.0 | 37.4 |

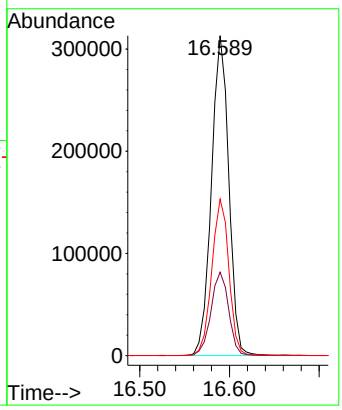





#69
Atrazine
Concen: 23.144 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:200 Resp: 42245

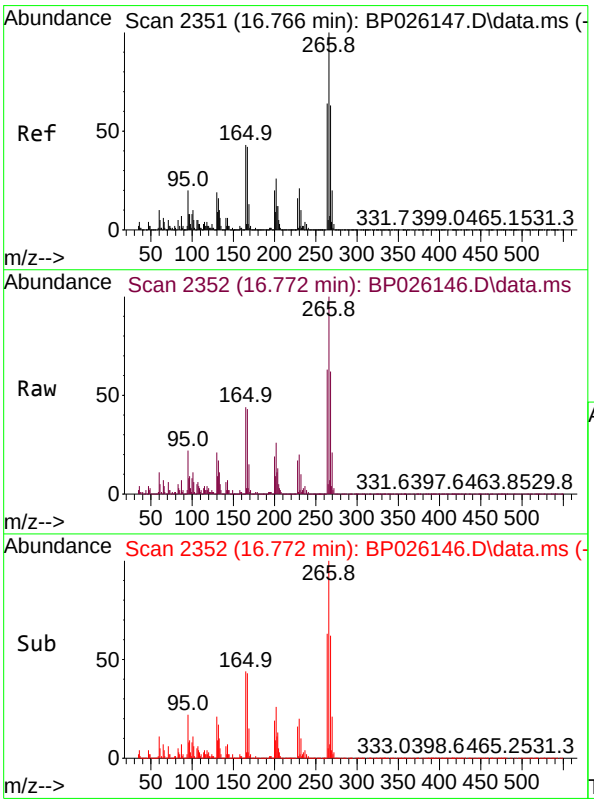
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.1 | 6.7 | 46.7 |
| 215 | 48.9 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

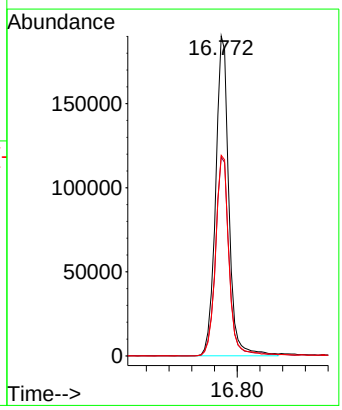
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

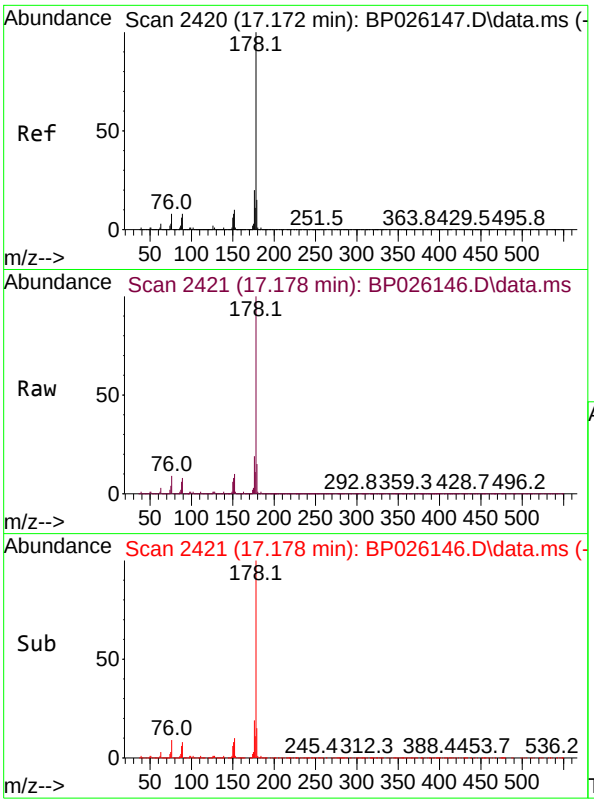



#70
Pentachlorophenol
Concen: 22.793 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:266 Resp: 306483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.1 | 51.0 | 76.4 |
| 264 | 62.7 | 50.2 | 75.2 |

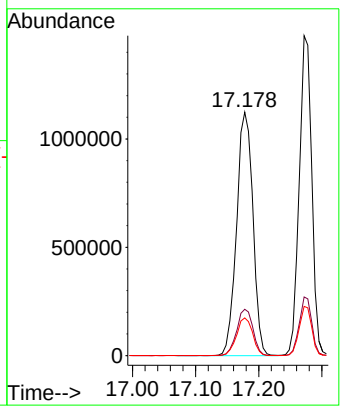





#71
Phenanthrene
Concen: 20.401 ng
RT: 17.178 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:178 Resp: 201434

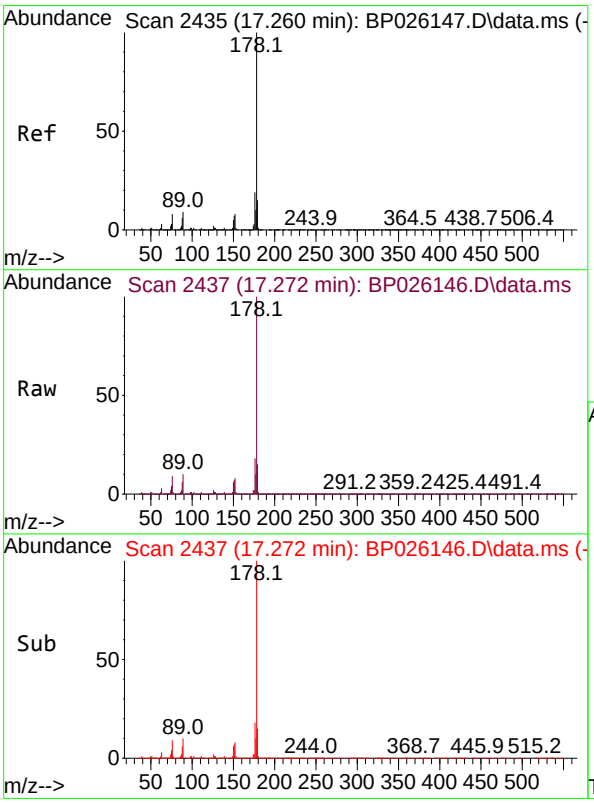
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.4 | 23.2 |
| 179 | 15.5 | 12.4 | 18.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

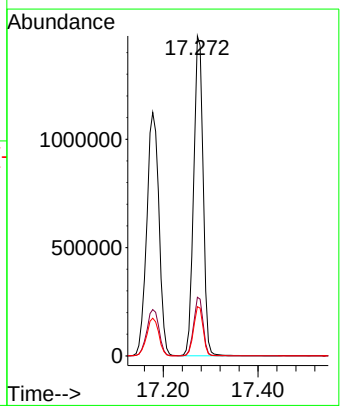
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

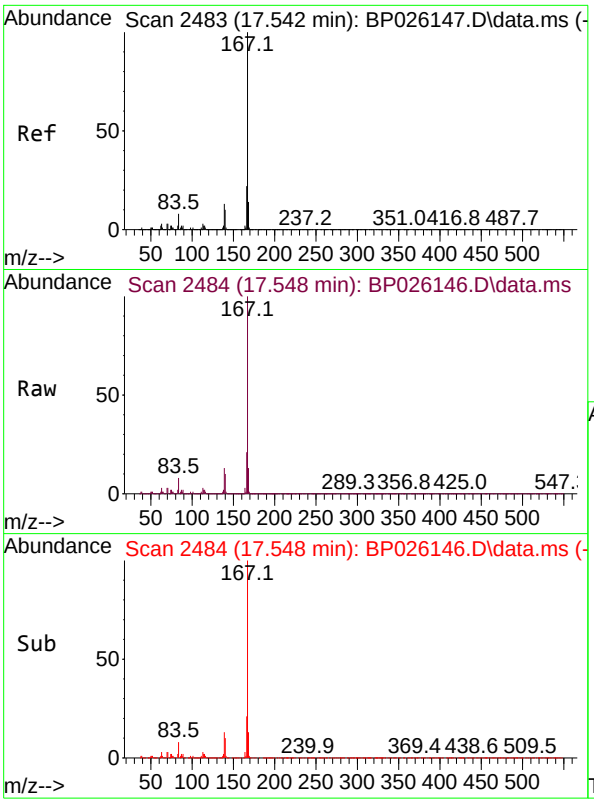



#72
Anthracene
Concen: 20.778 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:178 Resp: 2046874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.8 | 22.2 |
| 179 | 15.4 | 12.2 | 18.4 |

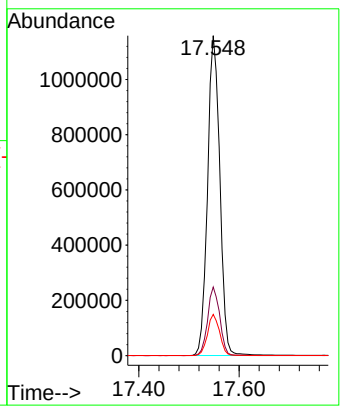





#73
Carbazole
Concen: 21.216 ng
RT: 17.548 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:167 Resp: 196683

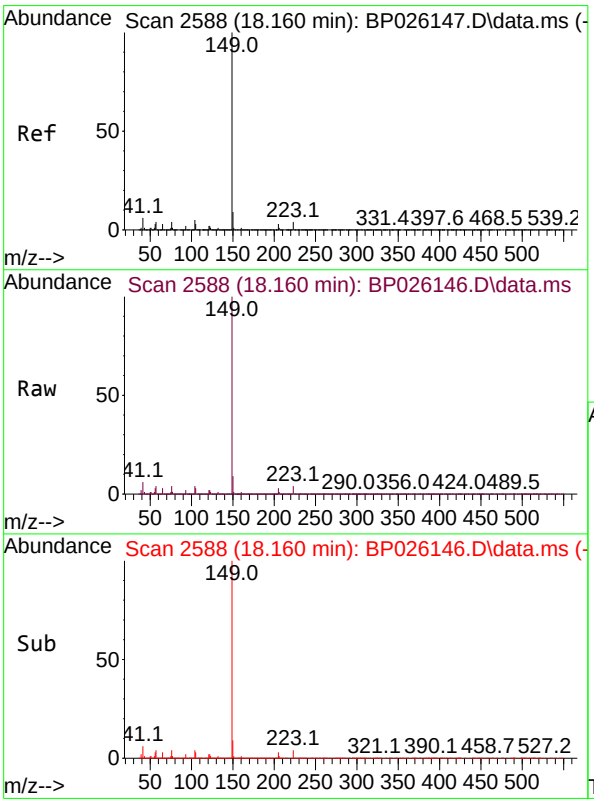
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.1 | 25.7 |
| 139 | 12.9 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

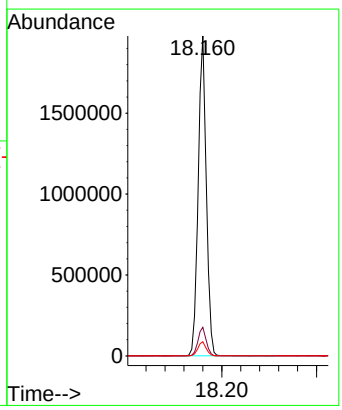
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

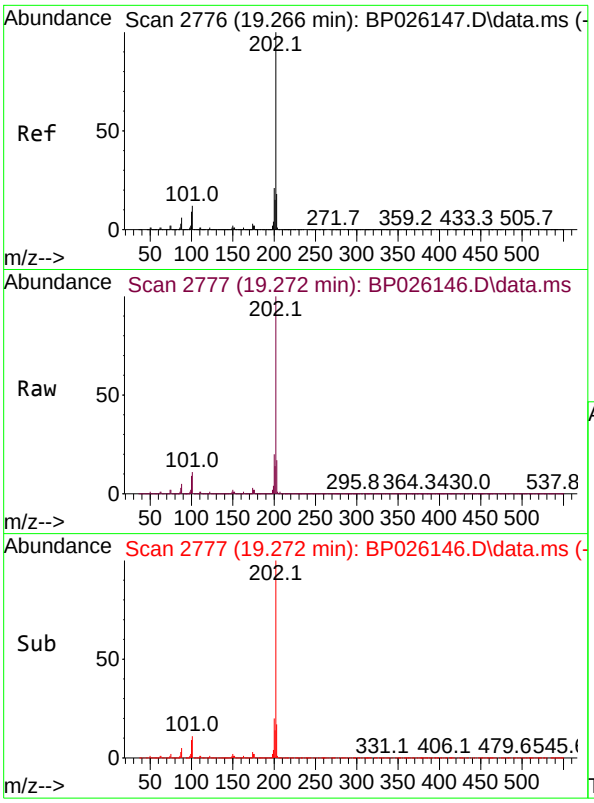



#74
Di-n-butylphthalate
Concen: 22.368 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 2344972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.5 | 11.3 |
| 104 | 4.4 | 3.6 | 5.4 |

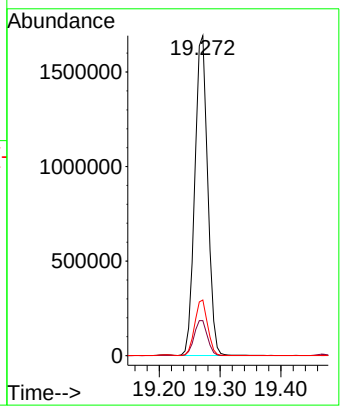





#75
Fluoranthene
Concen: 21.452 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:202 Resp: 248205

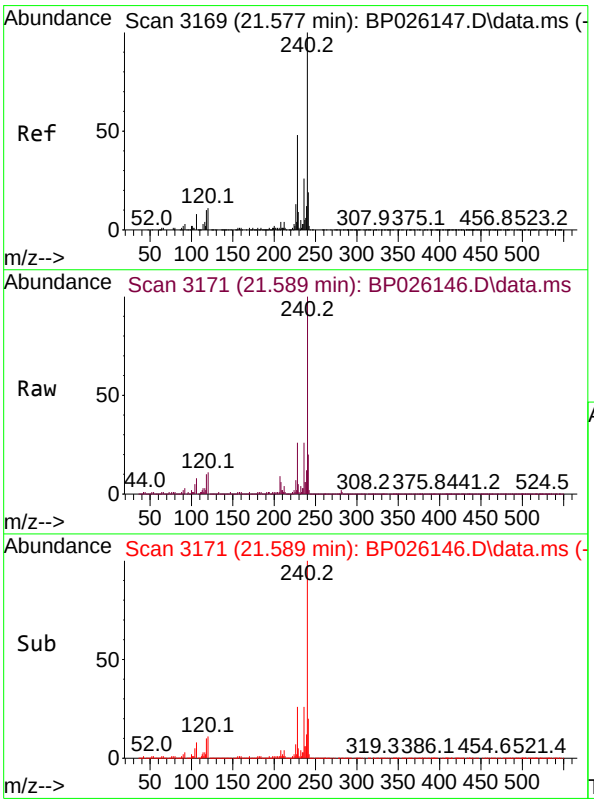
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 31.2 |
| 203 | 17.4 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

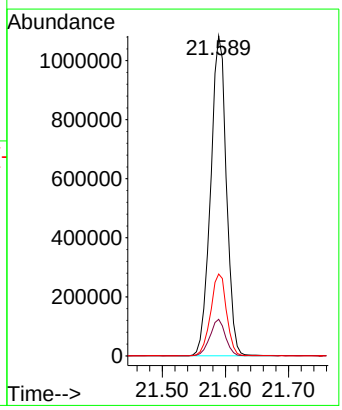
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

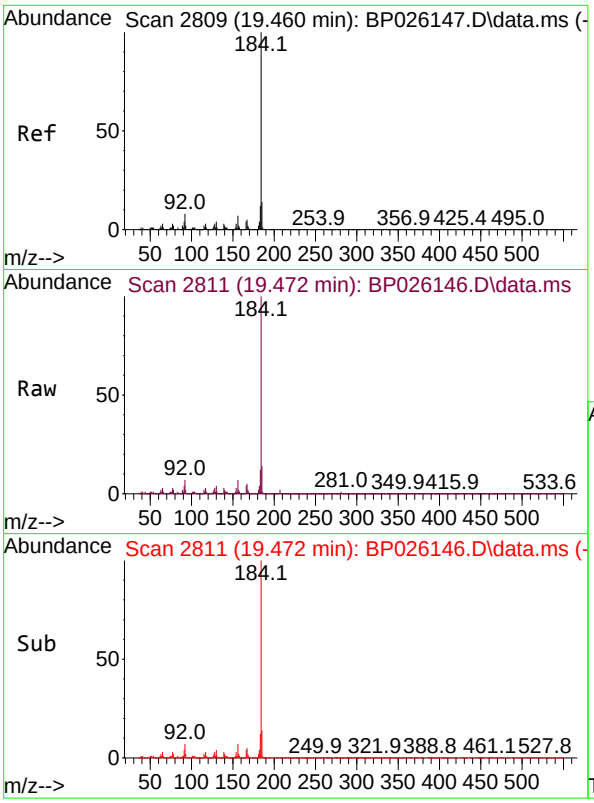



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:240 Resp: 1880769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 9.0 | 13.4 |
| 236 | 25.6 | 20.4 | 30.6 |

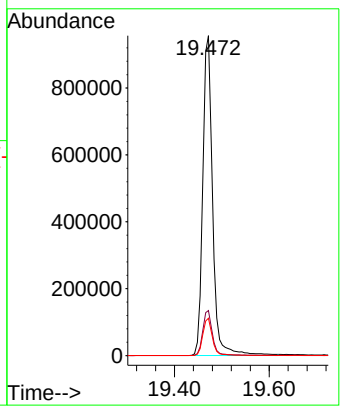





#77
Benzidine
Concen: 27.923 ng
RT: 19.472 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:184 Resp: 137903

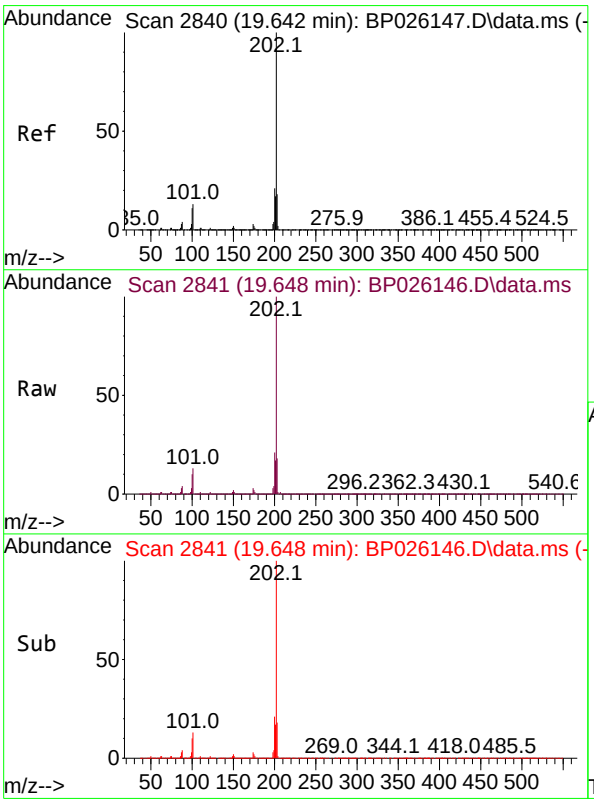
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.3 | 16.9 |
| 183 | 11.7 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

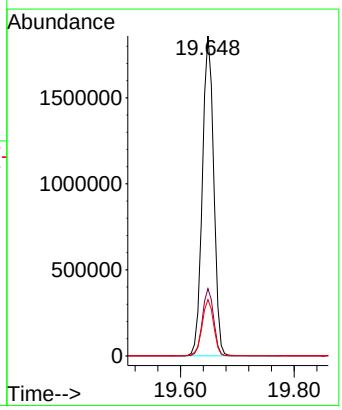
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

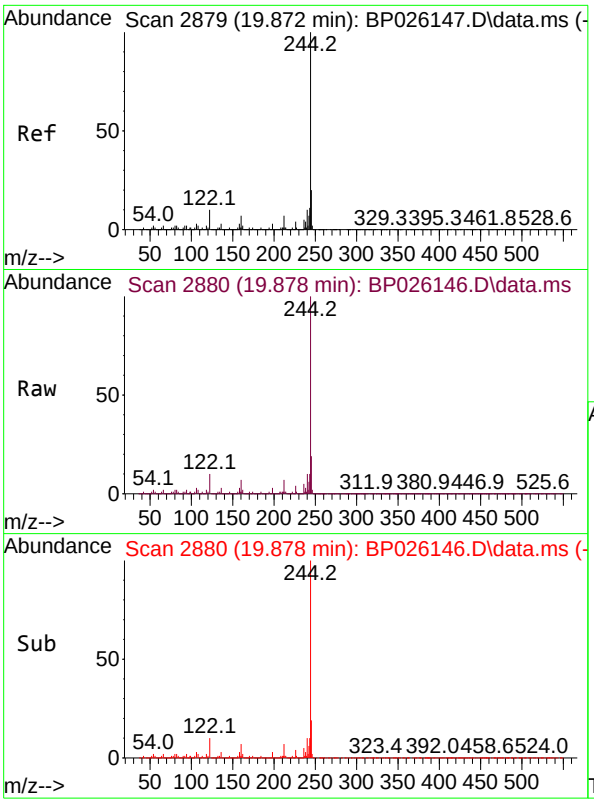



#78
Pyrene
Concen: 20.591 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:202 Resp: 2586291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.9 | 25.3 |
| 203 | 17.6 | 13.8 | 20.8 |






#79
Terphenyl-d14
Concen: 43.268 ng
RT: 19.878 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

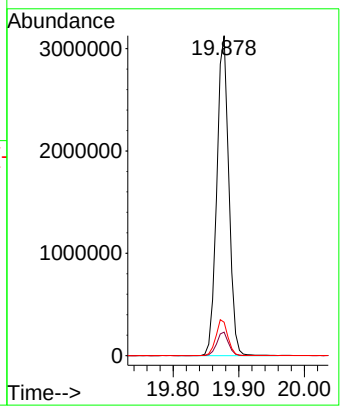
Tgt Ion:244 Resp: 399061

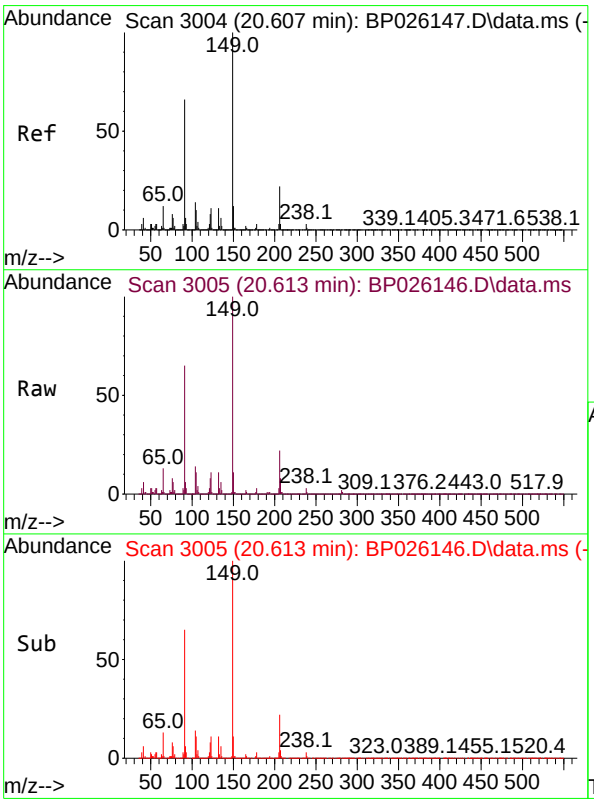
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.8 | 8.8 |
| 122 | 10.4 | 8.2 | 12.2 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

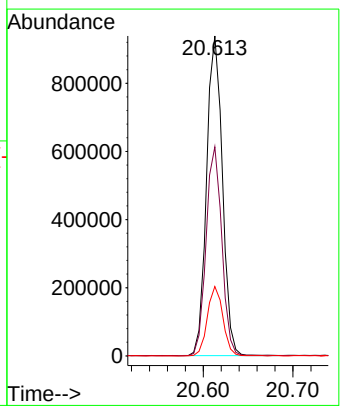


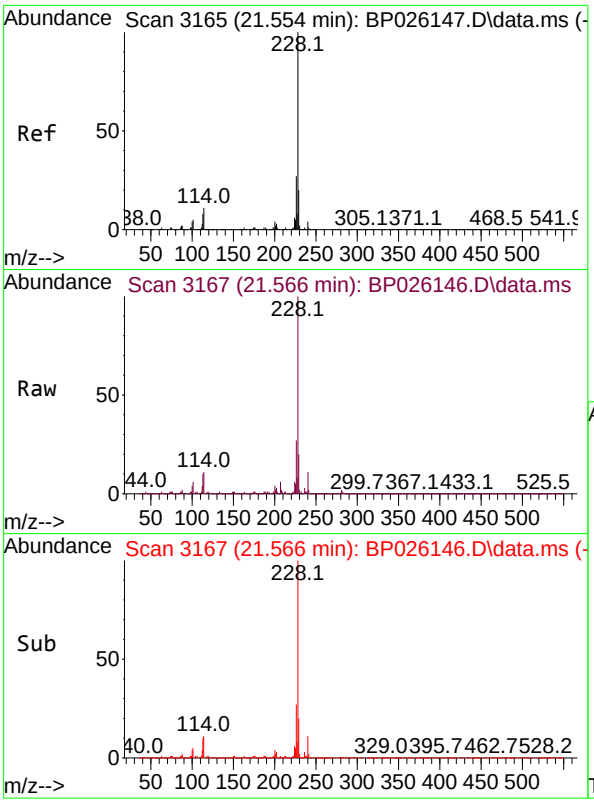




#80
Butylbenzylphthalate
Concen: 27.342 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1151348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.3 | 52.6 | 79.0 |
| 206 | 21.7 | 16.9 | 25.3 |

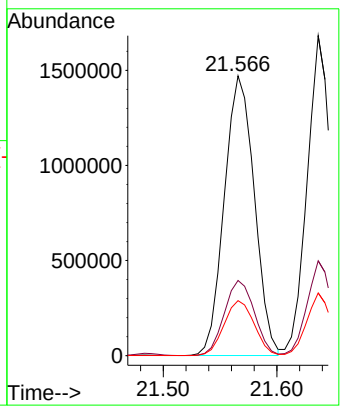





#81
Benzo(a)anthracene
Concen: 21.043 ng
RT: 21.566 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:228 Resp: 270257

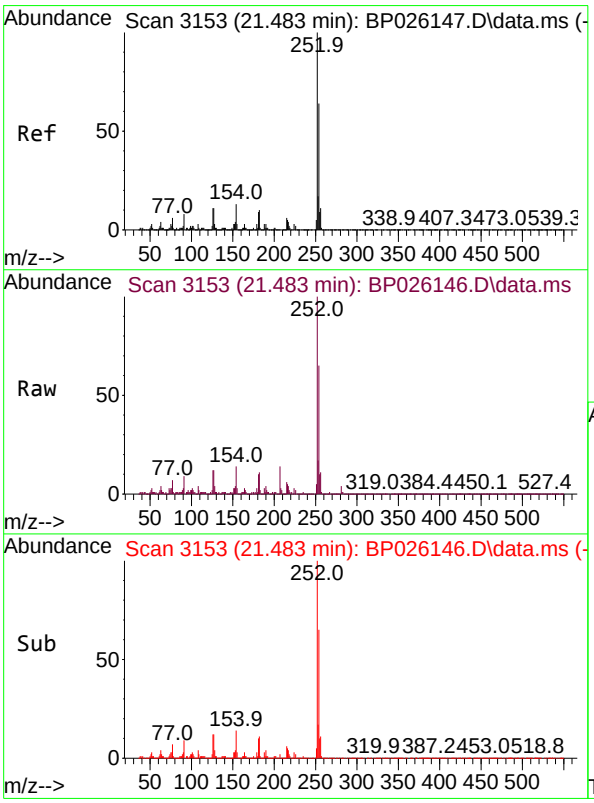
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.9 | 21.8 | 32.8 |
| 229 | 19.6 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

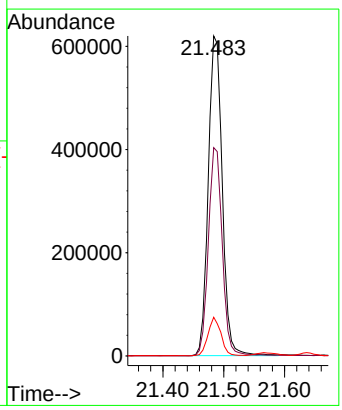
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

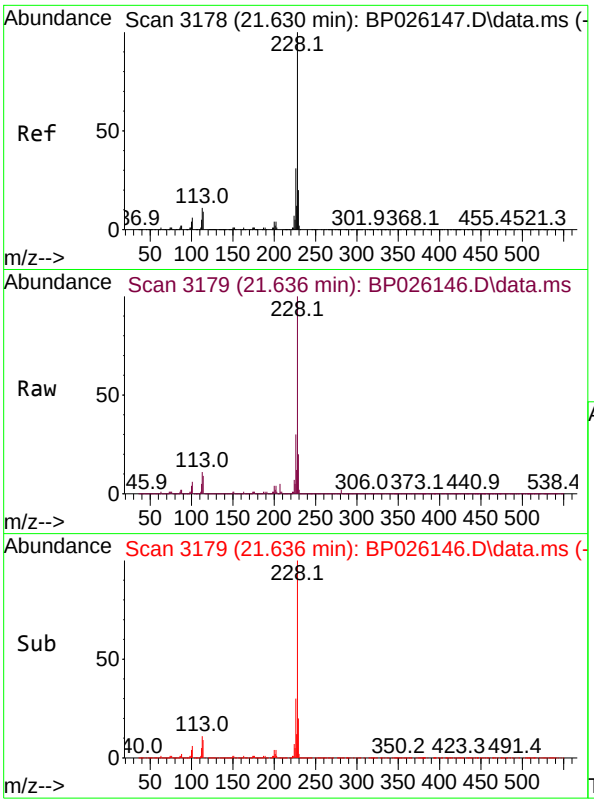



#82
3,3'-Dichlorobenzidine
Concen: 23.394 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 989512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 51.2 | 76.8 |
| 126 | 12.1 | 8.2 | 12.4 |

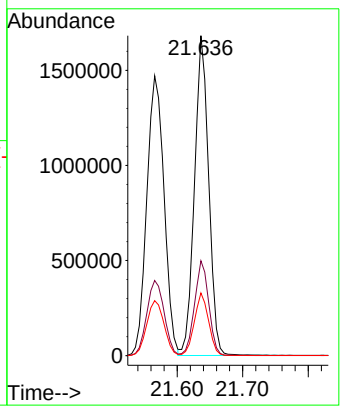





#83
Chrysene
Concen: 20.723 ng
RT: 21.636 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:228 Resp: 252276

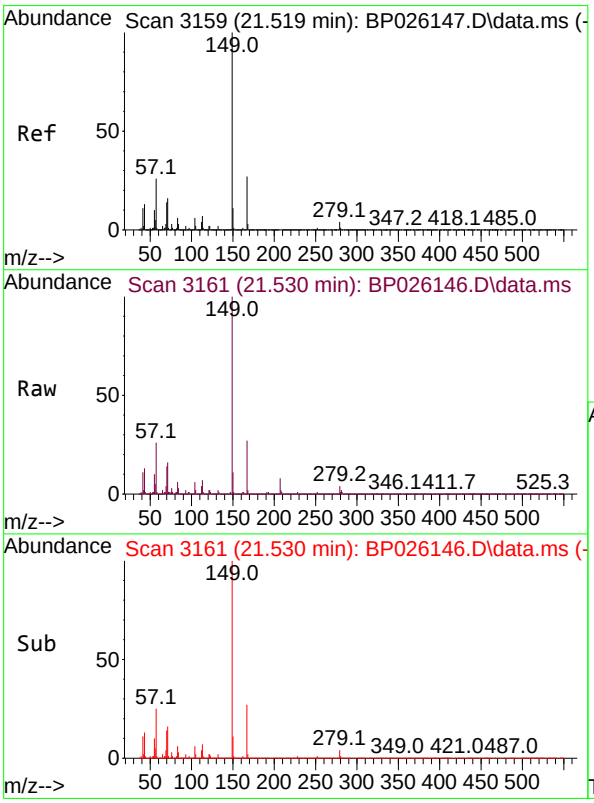
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 23.9 | 35.9 |
| 229 | 19.6 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

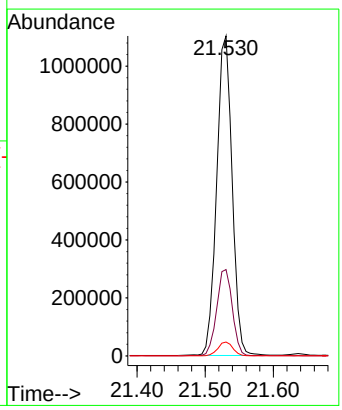
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

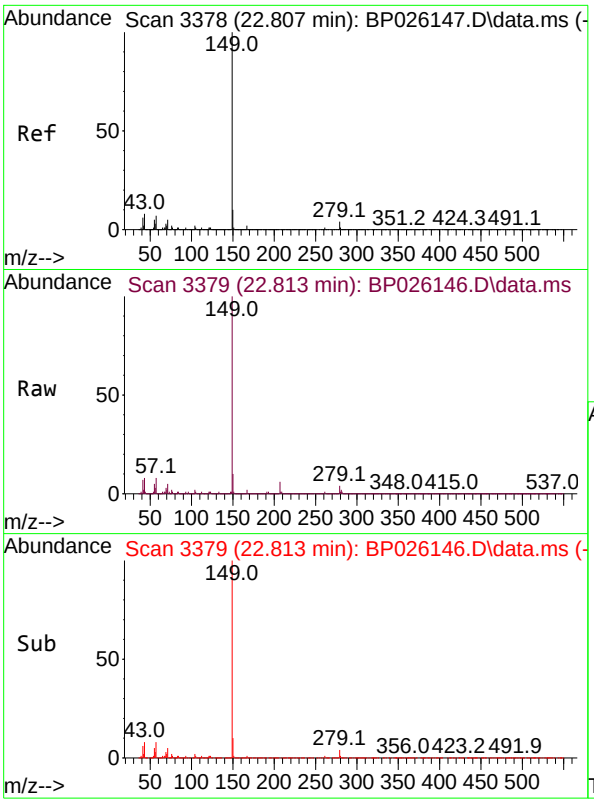



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.069 ng
RT: 21.530 min Scan# 3161
Delta R.T. 0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 1726261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.0 | 22.1 | 33.1 |
| 279 | 4.3 | 3.3 | 4.9 |

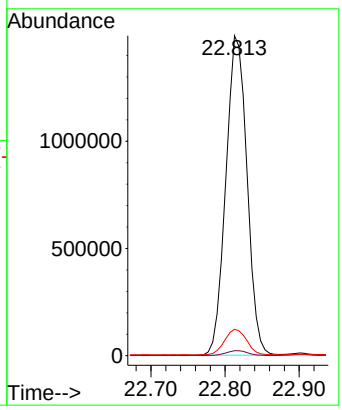





#85
Di-n-octyl phthalate
Concen: 25.198 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:149 Resp: 295656

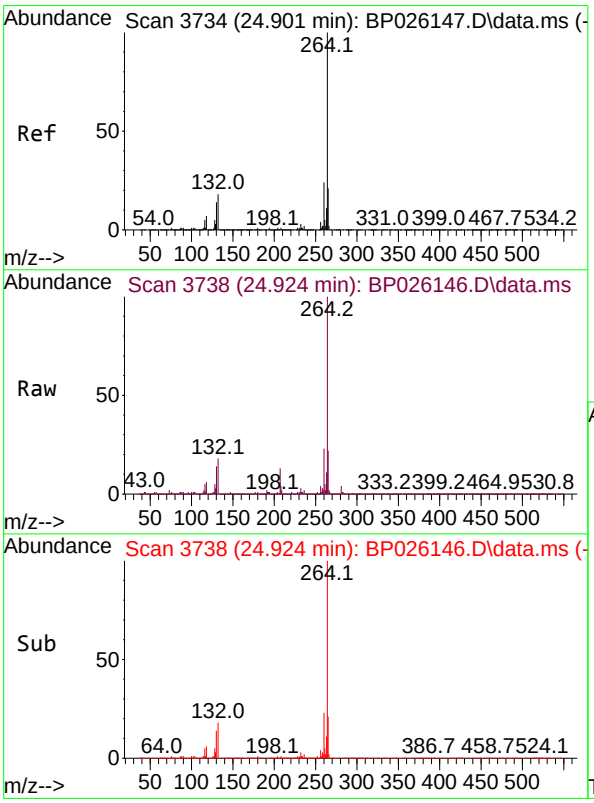
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 8.3 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

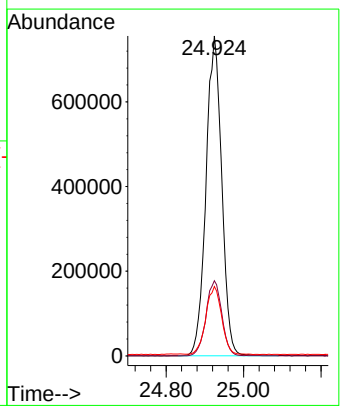
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

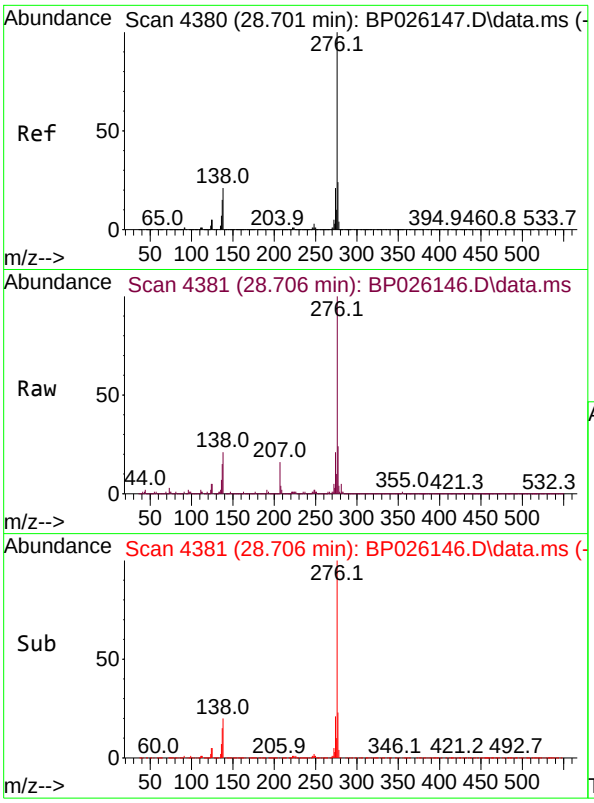



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:264 Resp: 2127701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.7 | 28.1 |
| 265 | 21.7 | 17.5 | 26.3 |

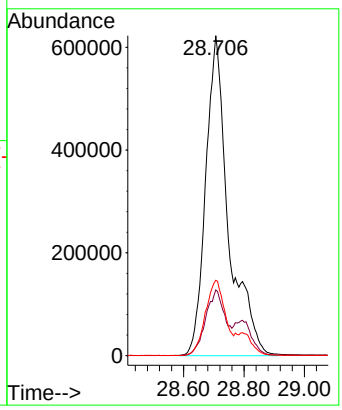





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.969 ng m
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:276 Resp: 327329

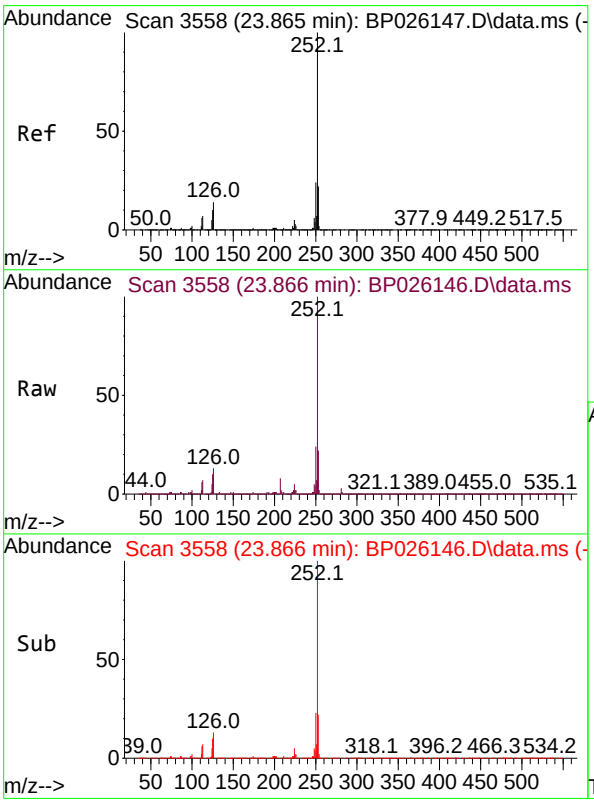
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.7 | 13.8 | 20.8 |
| 277 | 20.3 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

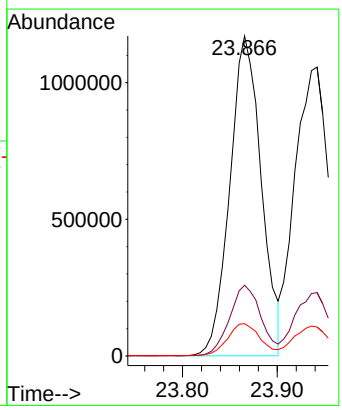
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

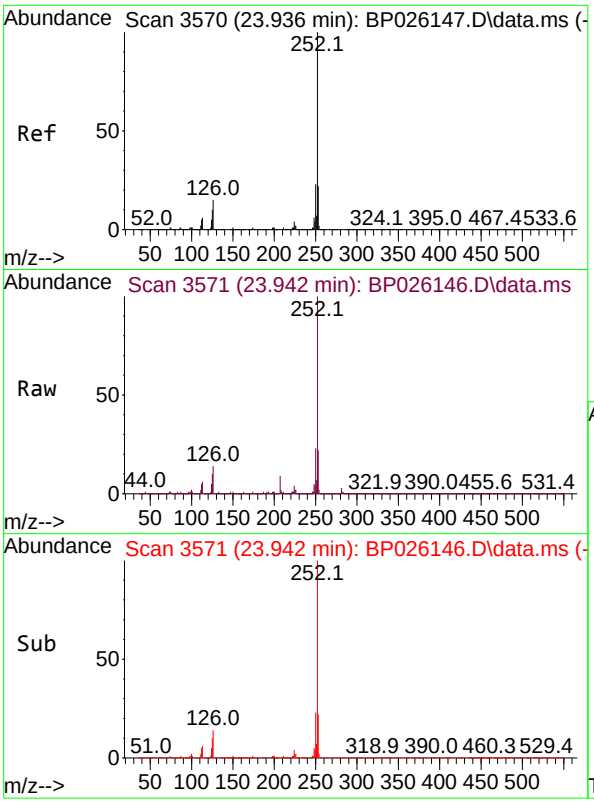



#88
Benzo(b)fluoranthene
Concen: 20.722 ng
RT: 23.866 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 2704711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.1 | 8.2 | 12.4 |

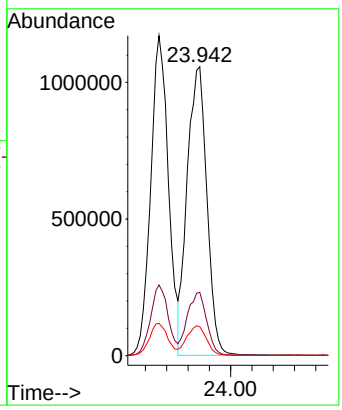





#89
Benzo(k)fluoranthene
Concen: 20.326 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 271239

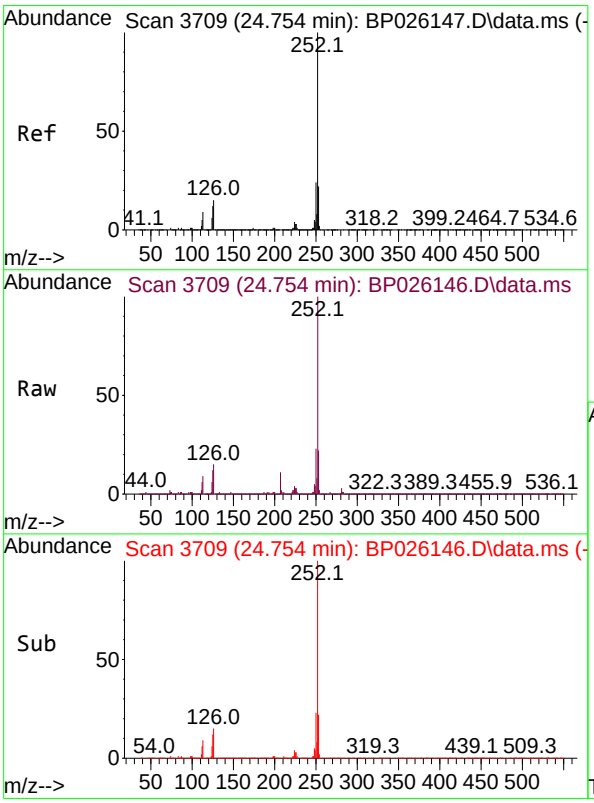
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 10.0 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

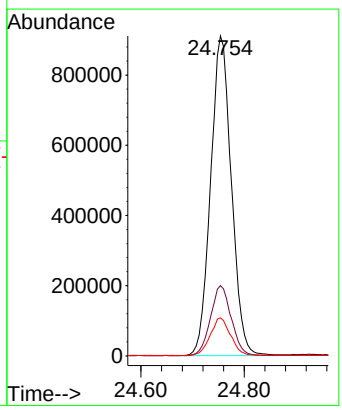
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

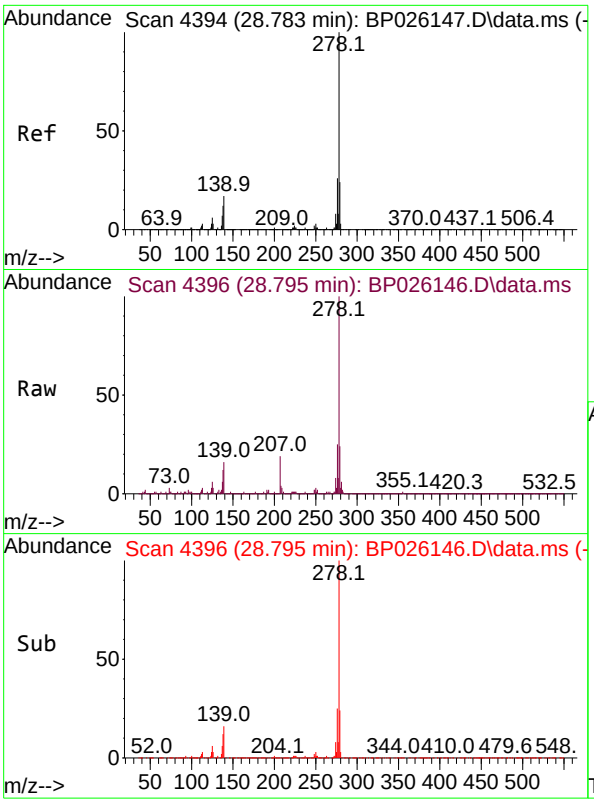



#90
Benzo(a)pyrene
Concen: 21.125 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:252 Resp: 2549616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 11.9 | 9.0 | 13.6 |

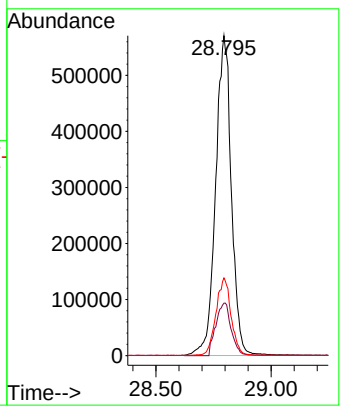





#91
Dibenzo(a,h)anthracene
Concen: 21.306 ng
RT: 28.795 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:278 Resp: 271173

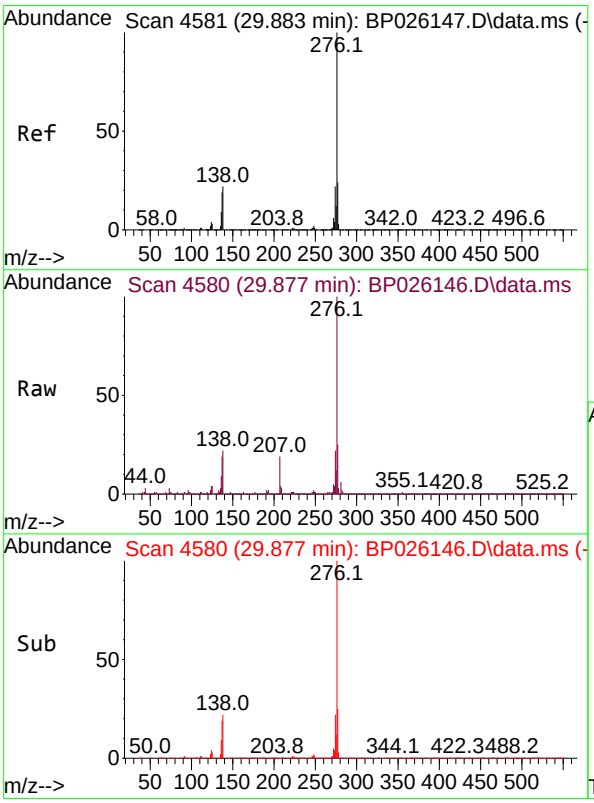
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.4 | 13.2 | 19.8 |
| 279 | 24.3 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations**
**APPROVED**

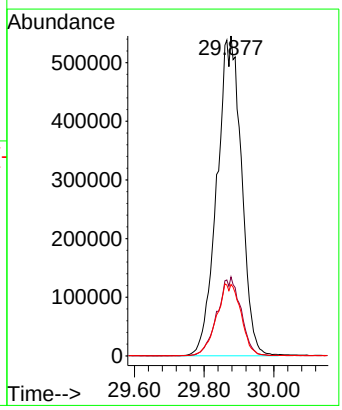
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 21.686 ng m
RT: 29.877 min Scan# 4580
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:276 Resp: 2666038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 18.8 | 28.2 |
| 138 | 22.3 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 337271 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1420937 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.313 | 164 | 933300 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.131 | 188 | 1878028 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.577 | 240 | 1999579 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.901 | 264 | 2243799 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 1679294 | 79.895 | ng | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 2181293 | 81.447 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 2018895 | 80.578 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 985641 | 81.498 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.919 | 172 | 4991155 | 78.020 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.872 | 244 | 7922015 | 80.792 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 328478 | 38.414 | ng | 100 |
| 3) Pyridine | 3.614 | 79 | 974704 | 39.541 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.519 | 42 | 364054 | 39.627 | ng | 96 |
| 6) Aniline | 7.008 | 93 | 1431502 | 40.575 | ng | 98 |
| 8) 2-Chlorophenol | 7.243 | 128 | 964995 | 40.369 | ng | 99 |
| 9) Benzaldehyde | 6.819 | 77 | 622134 | 53.939 | ng | 99 |
| 10) Phenol | 6.878 | 94 | 1177853 | 40.869 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 917778 | 40.811 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.560 | 146 | 1028799 | 39.968 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 1038752 | 40.071 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 997382 | 39.996 | ng | 99 |
| 15) Benzyl Alcohol | 7.908 | 79 | 800974 | 40.874 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 1291371 | 40.615 | ng | 99 |
| 17) 2-Methylphenol | 8.113 | 107 | 806245 | 41.076 | ng | 100 |
| 18) Hexachloroethane | 8.743 | 117 | 380794 | 40.305 | ng | 99 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 690711 | 41.414 | ng | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 1095272 | 40.127 | ng | 98 |
| 22) Acetophenone | 8.484 | 105 | 1439776 | 39.828 | ng | 100 |
| 24) Nitrobenzene | 8.855 | 77 | 1020382 | 40.240 | ng | 99 |
| 25) Isophorone | 9.384 | 82 | 2017328 | 40.551 | ng | 99 |
| 26) 2-Nitrophenol | 9.554 | 139 | 537109 | 42.012 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 932722 | 40.271 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.860 | 93 | 1247327 | 40.045 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 940122 | 40.740 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.307 | 180 | 938571 | 39.912 | ng | 99 |
| 31) Naphthalene | 10.496 | 128 | 3048677 | 39.513 | ng | 99 |
| 32) Benzoic acid | 9.772 | 122 | 784823 | 42.116 | ng | 97 |
| 33) 4-Chloroaniline | 10.596 | 127 | 1340270 | 40.923 | ng | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 610384 | 39.893 | ng | 99 |
| 35) Caprolactam | 11.384 | 113 | 333785 | 40.168 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.725 | 107 | 1006010 | 40.975 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 2196657 | 40.223 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 2167022 | 40.554 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.478 | 216 | 1113781 | 39.601 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.466 | 237 | 739123 | 40.264 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 783545 | 40.484 | ng | 100 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.795 | 196 | 871078 | 40.362 | ng | 99 |
| 46) | 1,1'-Biphenyl | 13.131 | 154 | 2780286 | 39.689 | ng | 99 |
| 47) | 2-Chloronaphthalene | 13.166 | 162 | 2182735 | 39.633 | ng | 99 |
| 48) | 2-Nitroaniline | 13.366 | 65 | 630592 | 41.000 | ng | 95 |
| 49) | Acenaphthylene | 14.025 | 152 | 3633847 | 39.879 | ng | 100 |
| 50) | Dimethylphthalate | 13.760 | 163 | 2788637 | 40.098 | ng | 100 |
| 51) | 2,6-Dinitrotoluene | 13.878 | 165 | 588736 | 42.806 | ng | 95 |
| 52) | Acenaphthene | 14.372 | 154 | 2124219 | 39.859 | ng | 99 |
| 53) | 3-Nitroaniline | 14.207 | 138 | 675665 | 41.586 | ng | 99 |
| 54) | 2,4-Dinitrophenol | 14.413 | 184 | 346832 | 42.038 | ng | 98 |
| 55) | Dibenzofuran | 14.713 | 168 | 3294100 | 39.554 | ng | 99 |
| 56) | 4-Nitrophenol | 14.531 | 139 | 589592 | 39.974 | ng | 99 |
| 57) | 2,4-Dinitrotoluene | 14.678 | 165 | 871532 | 42.152 | ng | 96 |
| 58) | Fluorene | 15.384 | 166 | 2576477 | 39.135 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 746296 | 40.827 | ng | 100 |
| 60) | Diethylphthalate | 15.160 | 149 | 2841743 | 40.313 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.384 | 204 | 1293329 | 39.576 | ng | 96 |
| 62) | 4-Nitroaniline | 15.395 | 138 | 681705 | 40.085 | ng | 99 |
| 63) | Azobenzene | 15.684 | 77 | 2408368 | 40.665 | ng | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 15.454 | 198 | 503716 | 42.621 | ng | 95 |
| 66) | n-Nitrosodiphenylamine | 15.601 | 169 | 2344222 | 40.344 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.295 | 248 | 861696 | 41.519 | ng | 98 |
| 68) | Hexachlorobenzene | 16.419 | 284 | 994319 | 41.466 | ng | 95 |
| 69) | Atrazine | 16.584 | 200 | 893064 | 40.815 | ng | 99 |
| 70) | Pentachlorophenol | 16.766 | 266 | 688877 | 40.947 | ng | 99 |
| 71) | Phenanthrene | 17.172 | 178 | 4216157 | 39.682 | ng | 99 |
| 72) | Anthracene | 17.260 | 178 | 4399641 | 40.544 | ng | 100 |
| 73) | Carbazole | 17.542 | 167 | 4149841 | 40.424 | ng | 100 |
| 74) | Di-n-butylphthalate | 18.160 | 149 | 5102416 | 41.877 | ng | 99 |
| 75) | Fluoranthene | 19.266 | 202 | 5142583 | 39.601 | ng | 99 |
| 77) | Benzidine | 19.460 | 184 | 2462804 | 40.014 | ng | 99 |
| 78) | Pyrene | 19.642 | 202 | 5323064 | 40.857 | ng | 99 |
| 80) | Butylbenzylphthalate | 20.607 | 149 | 2411743 | 41.564 | ng | 99 |
| 81) | Benzo(a)anthracene | 21.554 | 228 | 5501277 | 40.116 | ng | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.483 | 252 | 2000641 | 40.145 | ng | 99 |
| 83) | Chrysene | 21.630 | 228 | 5135129 | 39.774 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.519 | 149 | 3731352 | 42.841 | ng | 100 |
| 85) | Di-n-octyl phthalate | 22.807 | 149 | 6322176 | 41.246 | ng | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.701 | 276 | 6780312m | 40.563 | ng | |
| 88) | Benzo(b)fluoranthene | 23.865 | 252 | 5552010 | 40.699 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 23.936 | 252 | 5444576 | 39.935 | ng | 99 |
| 90) | Benzo(a)pyrene | 24.754 | 252 | 5241553 | 40.506 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.783 | 278 | 5550506 | 40.515 | ng | 100 |
| 92) | Benzo(g,h,i)perylene | 29.883 | 276 | 5486208 | 40.345 | ng | 100 |

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

ICAL Form

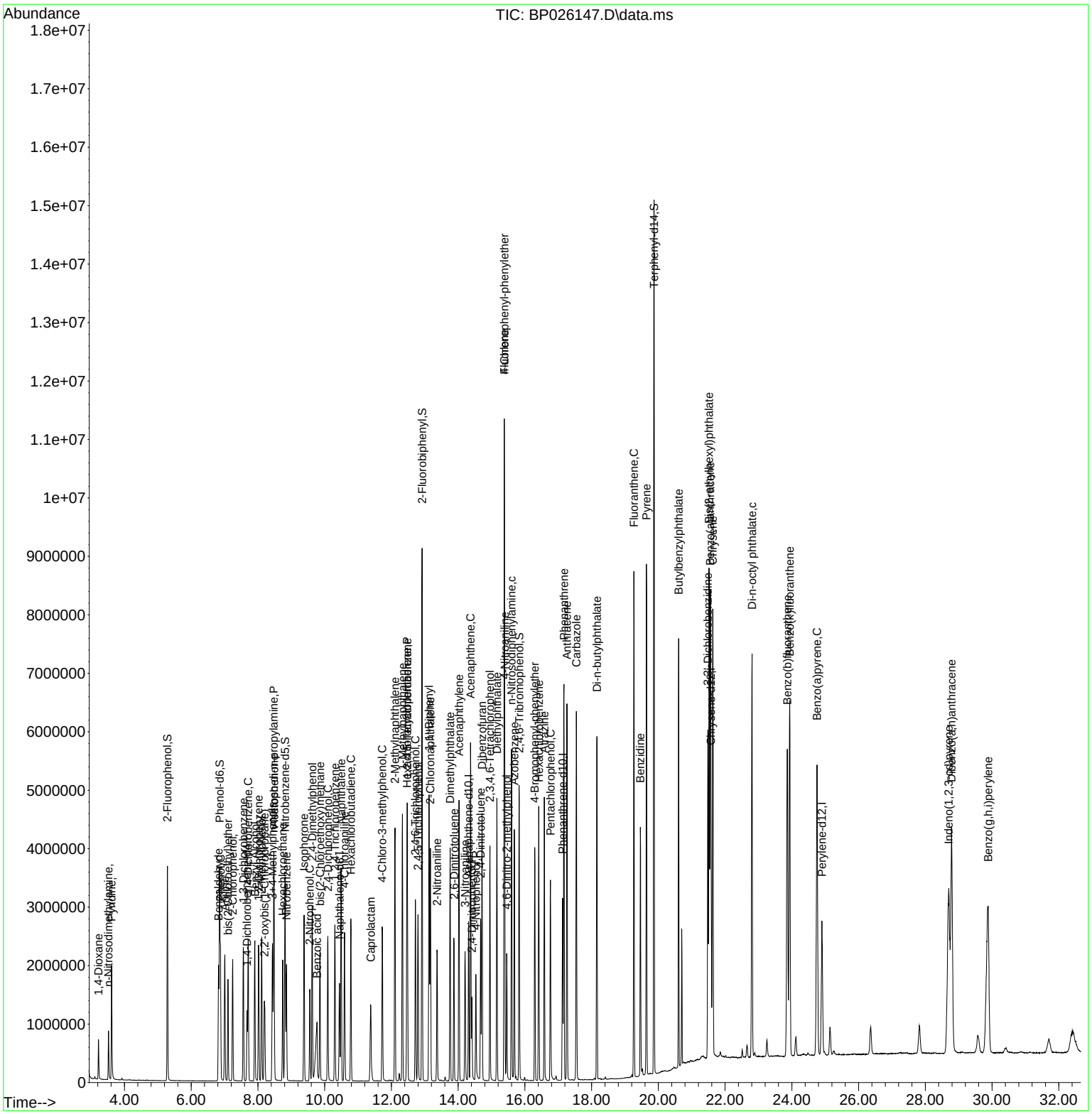
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

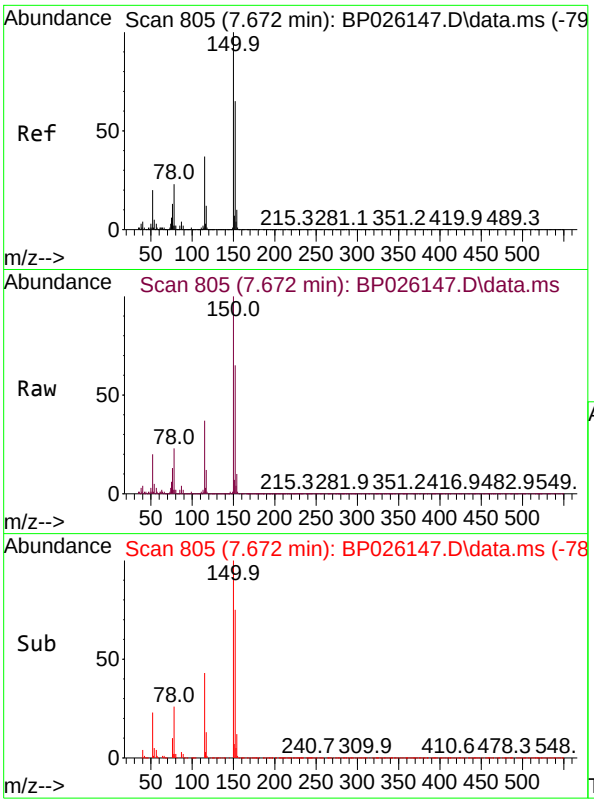
Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

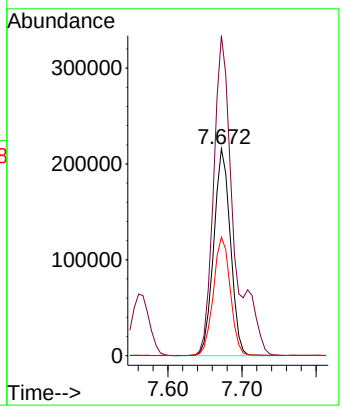





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:152 Resp: 33727

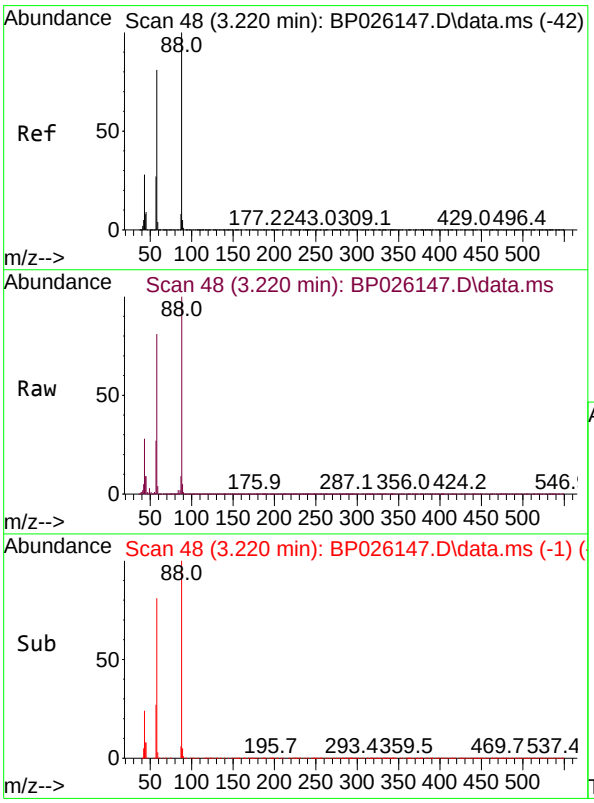
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.7 | 123.0 | 184.6 |
| 115 | 57.3 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

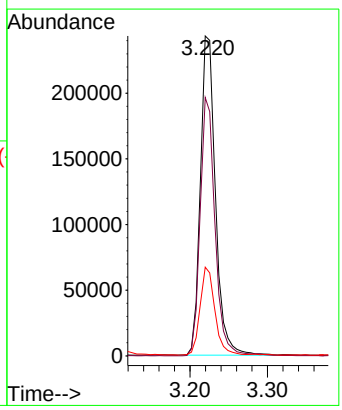
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

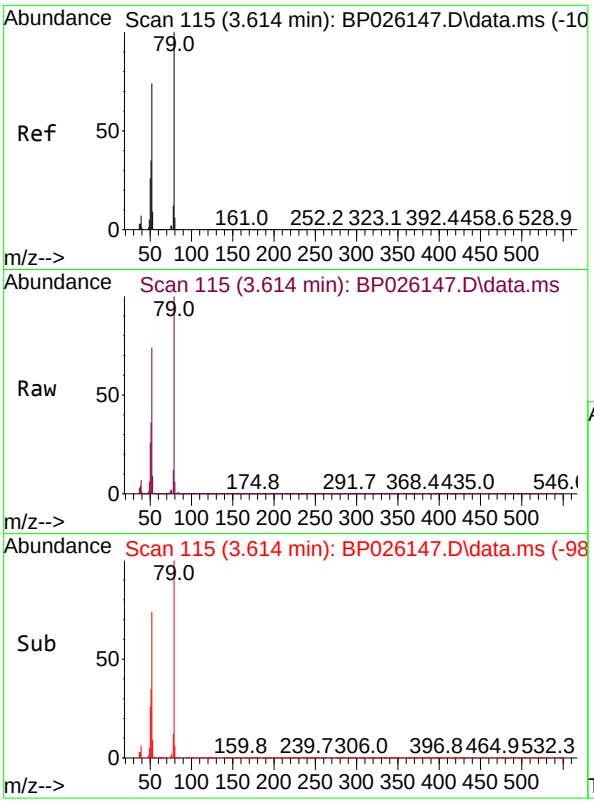



#2
1,4-Dioxane
Concen: 38.414 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 88 Resp: 328478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.0 | 64.2 | 96.4 |
| 43 | 26.9 | 21.5 | 32.3 |

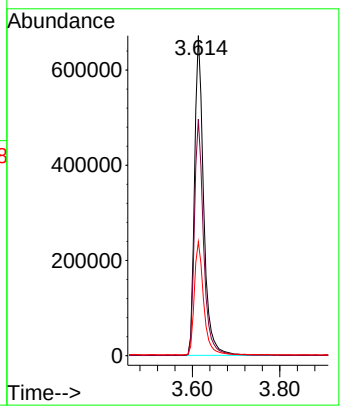





#3
Pyridine
Concen: 39.541 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 79 Resp: 97470

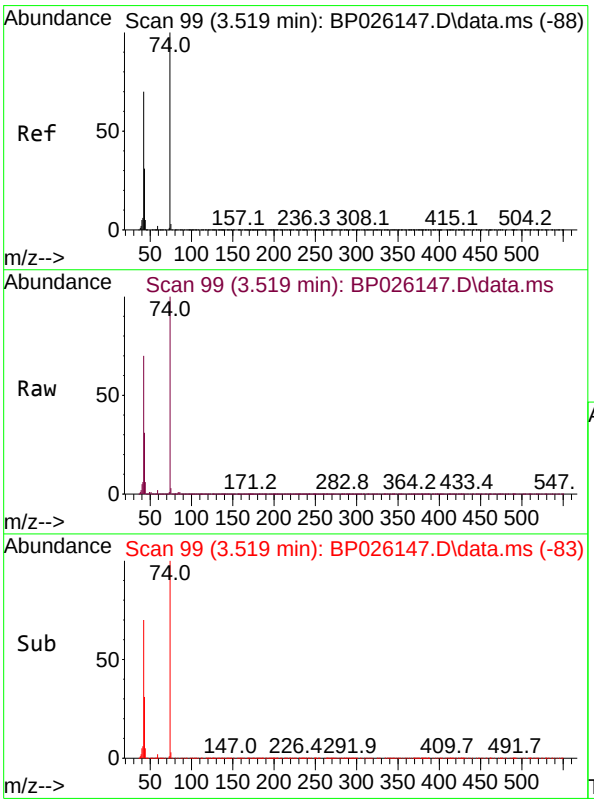
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 73.9 | 60.2 | 90.2 |
| 51 | 35.6 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

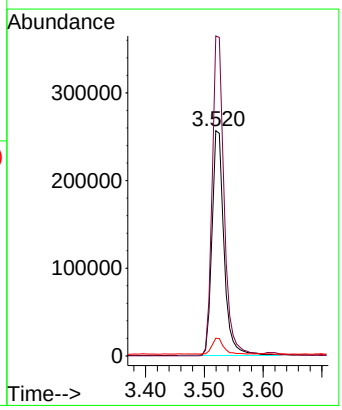
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

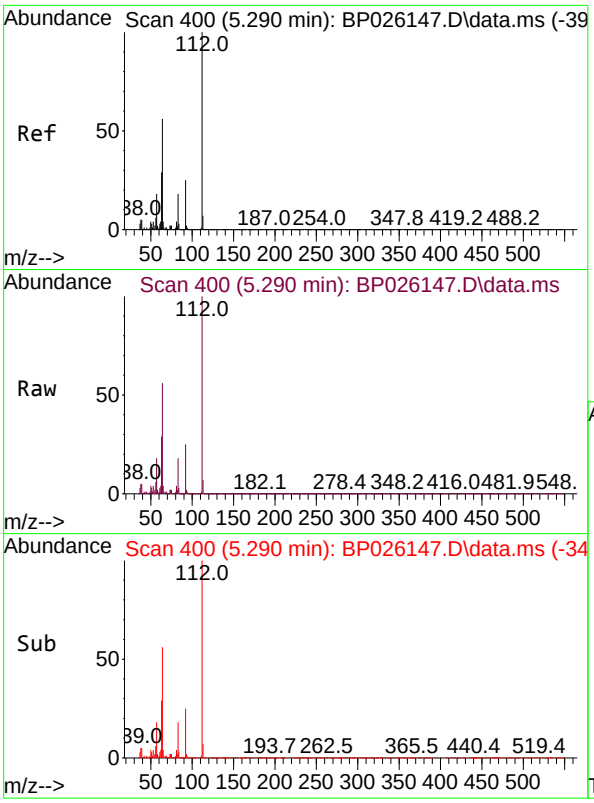



#4
n-Nitrosodimethylamine
Concen: 39.627 ng
RT: 3.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 42 Resp: 364054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.1 | 118.1 | 177.1 |
| 44 | 7.9 | 6.2 | 9.4 |






#5
2-Fluorophenol
Concen: 79.895 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

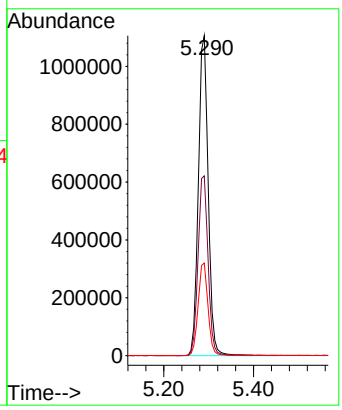
Tgt Ion:112 Resp: 167929

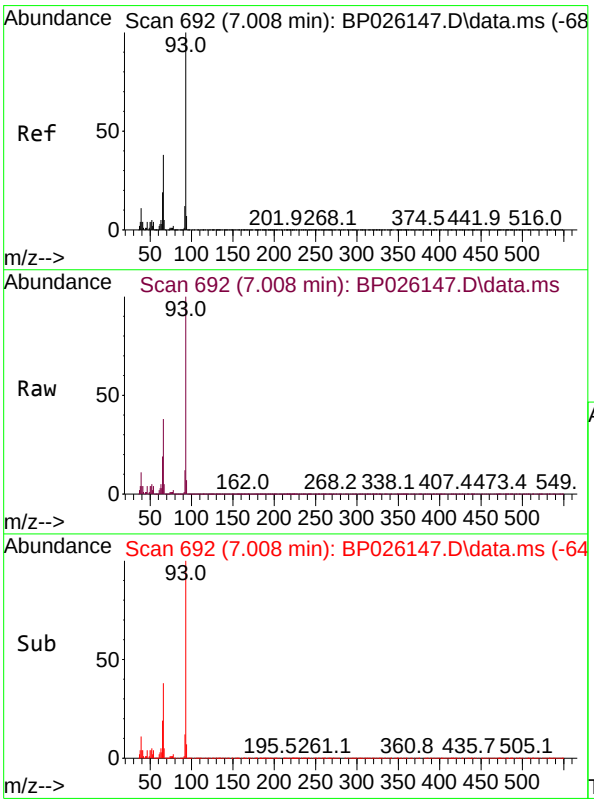
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.2 | 45.8 | 68.6 |
| 63 | 29.0 | 23.5 | 35.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

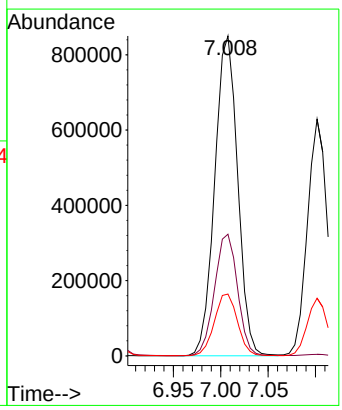


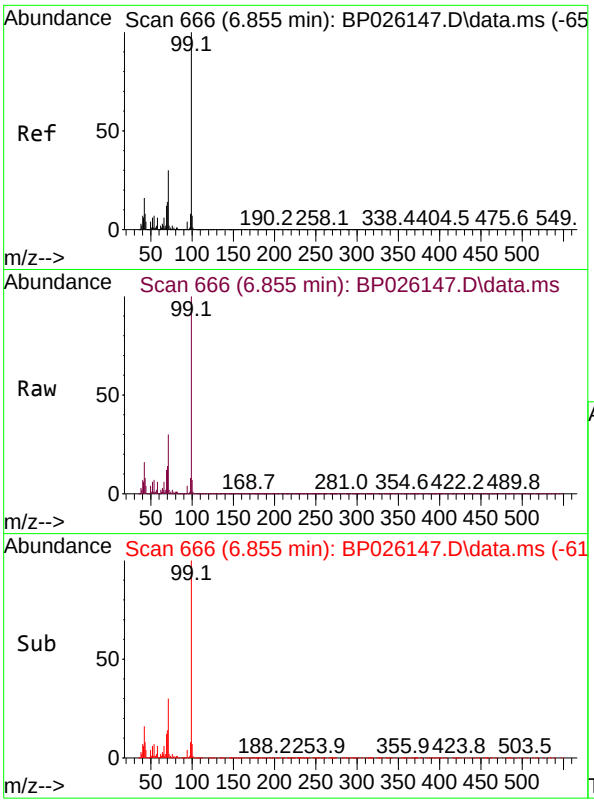




#6
Aniline
Concen: 40.575 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 1431502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.0 | 31.7 | 47.5 |
| 65 | 19.3 | 15.8 | 23.6 |

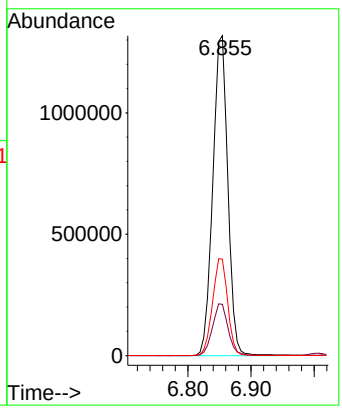





#7
Phenol-d6
Concen: 81.447 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 99 Resp: 218129

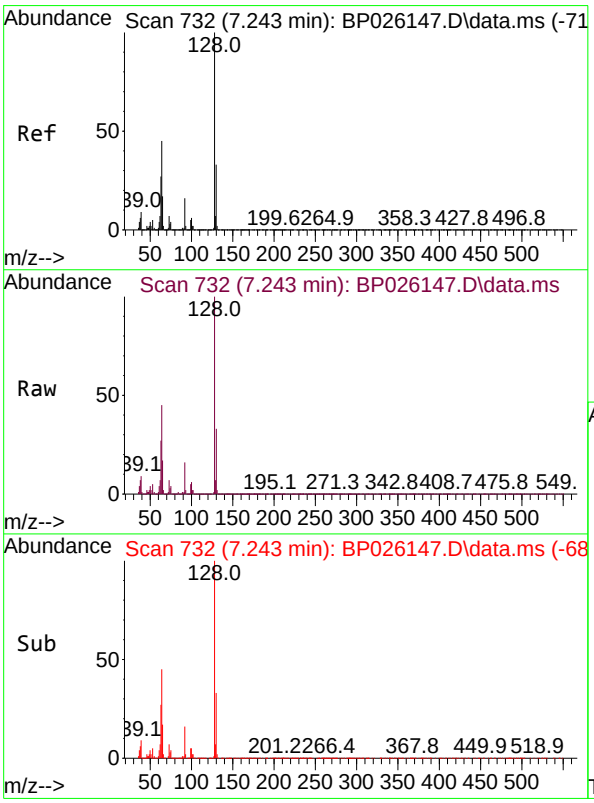
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.0 | 12.9 | 19.3 |
| 71 | 30.1 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

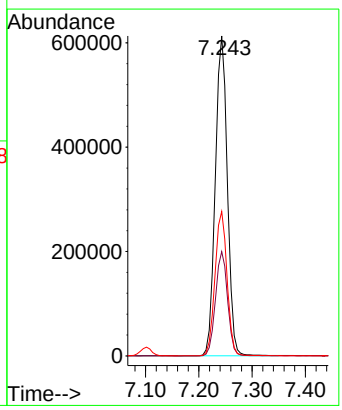
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

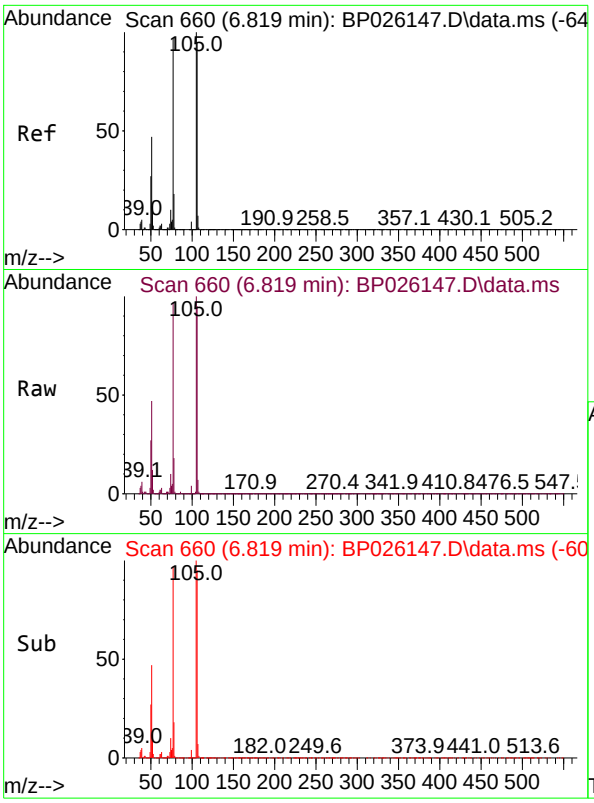



#8
2-Chlorophenol
Concen: 40.369 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:128 Resp: 964995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.4 | 52.4 |
| 64 | 45.2 | 23.9 | 63.9 |

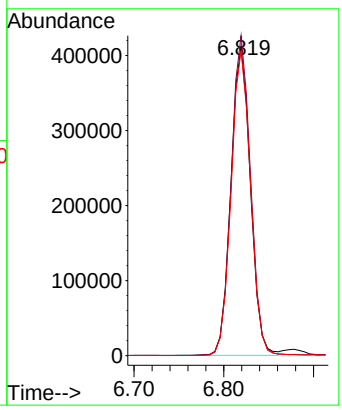





#9
Benzaldehyde
Concen: 53.939 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 62213

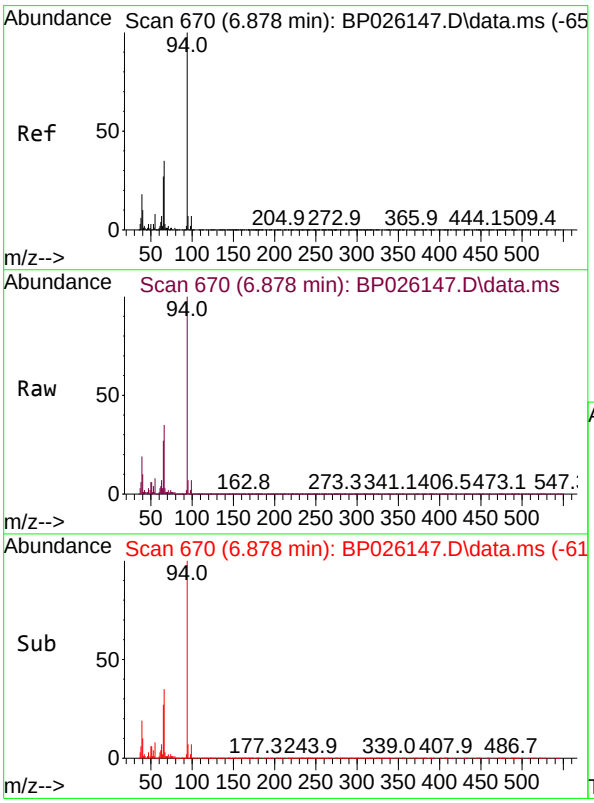
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.6 | 82.9 | 122.9 |
| 106 | 98.6 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

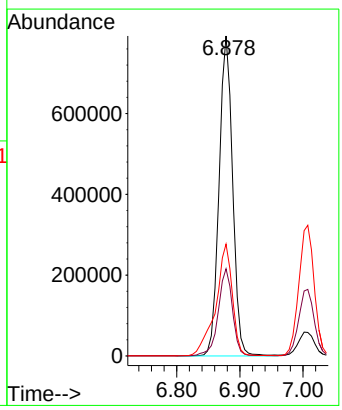
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

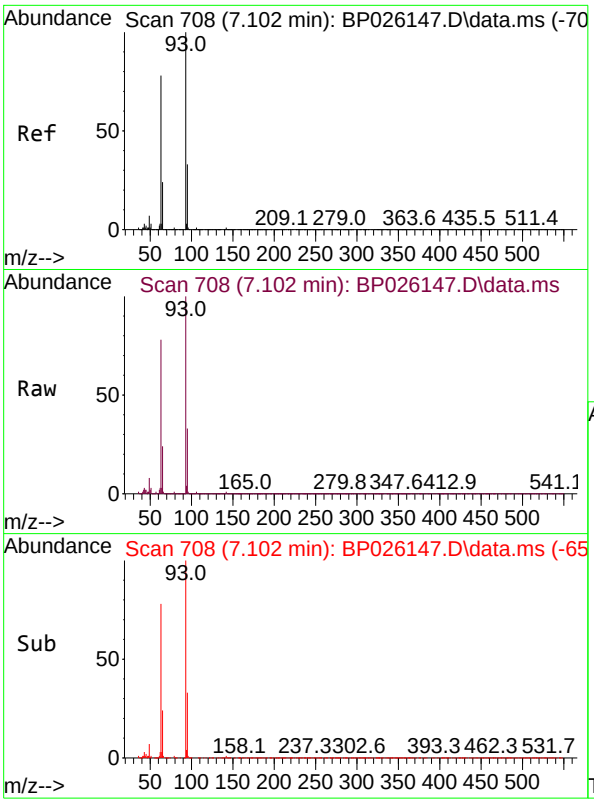



#10
Phenol
Concen: 40.869 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 94 Resp: 1177853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.2 | 7.0 | 47.0 |
| 66 | 34.9 | 14.5 | 54.5 |

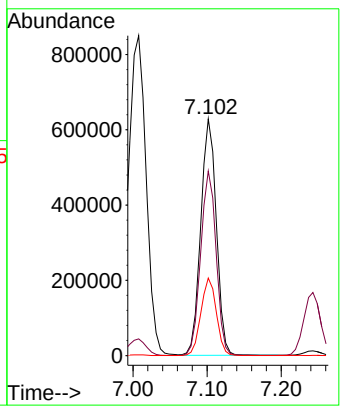





#11
bis(2-Chloroethyl)ether
Concen: 40.811 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 91777

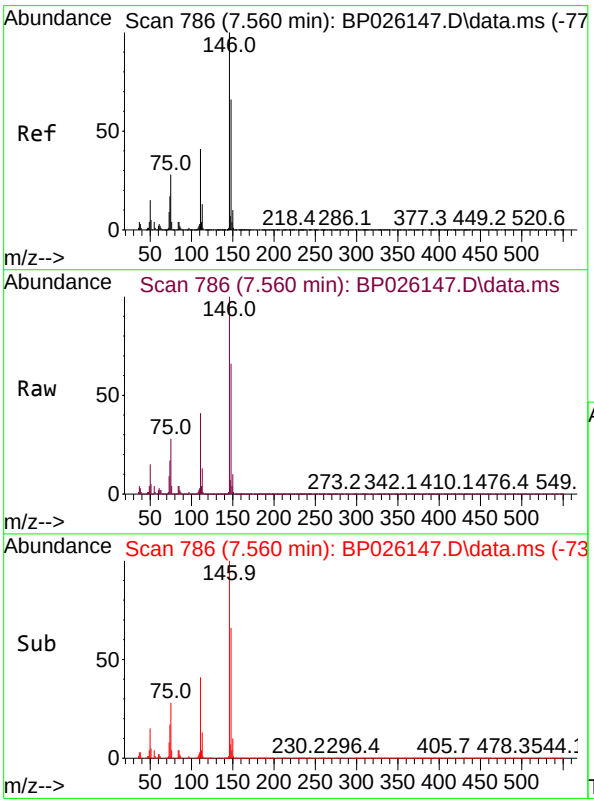
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 78.0 | 58.8 | 98.8 |
| 95 | 32.8 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

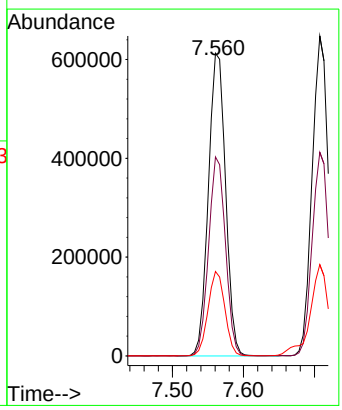
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

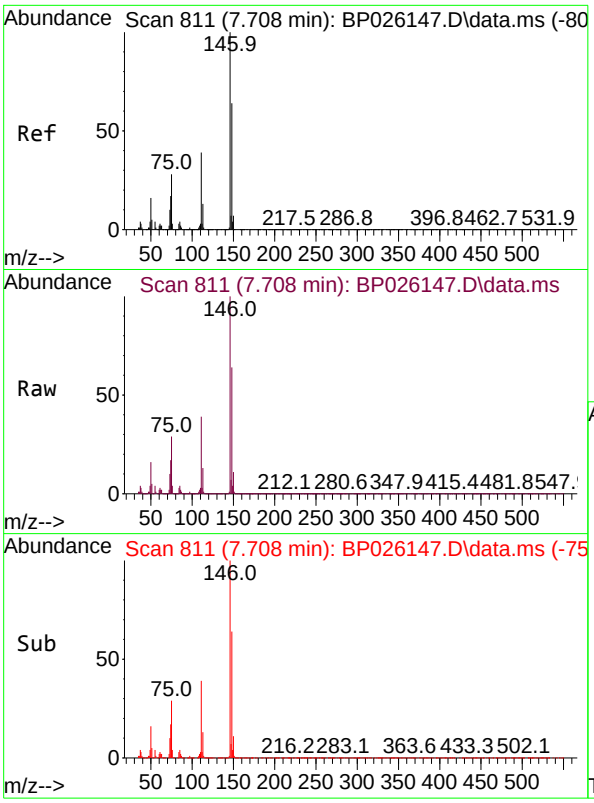



#12
1,3-Dichlorobenzene
Concen: 39.968 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:146 Resp: 1028799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 51.8 | 77.8 |
| 75 | 27.9 | 22.2 | 33.2 |






#13
1,4-Dichlorobenzene
Concen: 40.071 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

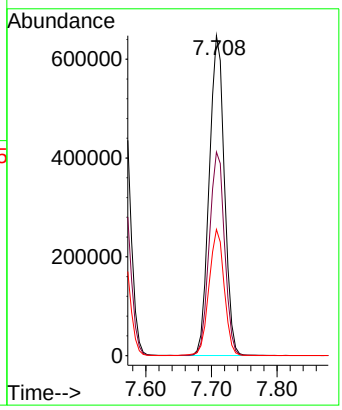
Tgt Ion:146 Resp: 103875

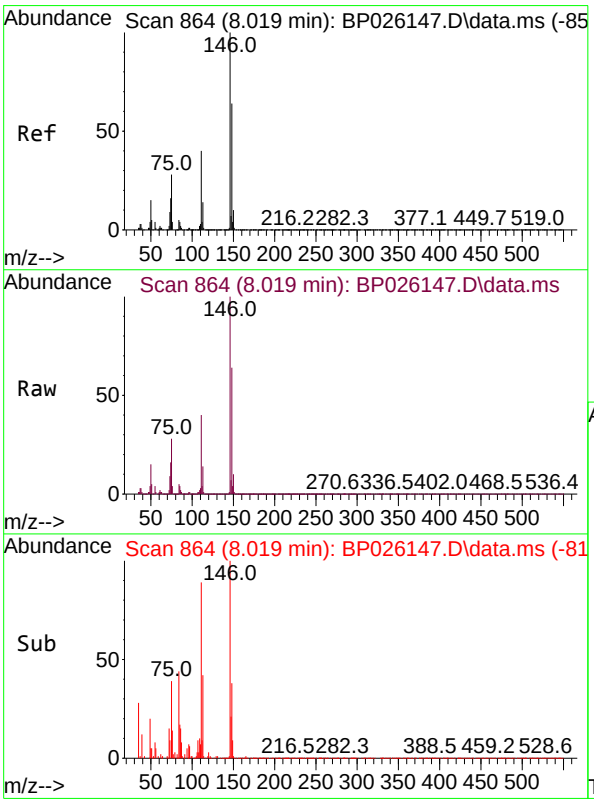
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 51.4 | 77.2 |
| 111 | 39.4 | 31.7 | 47.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

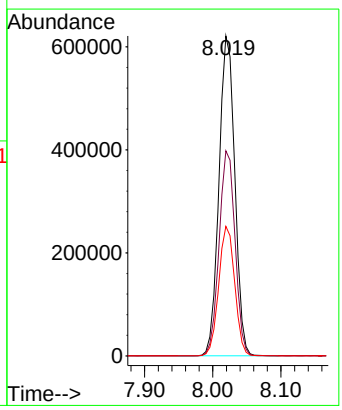


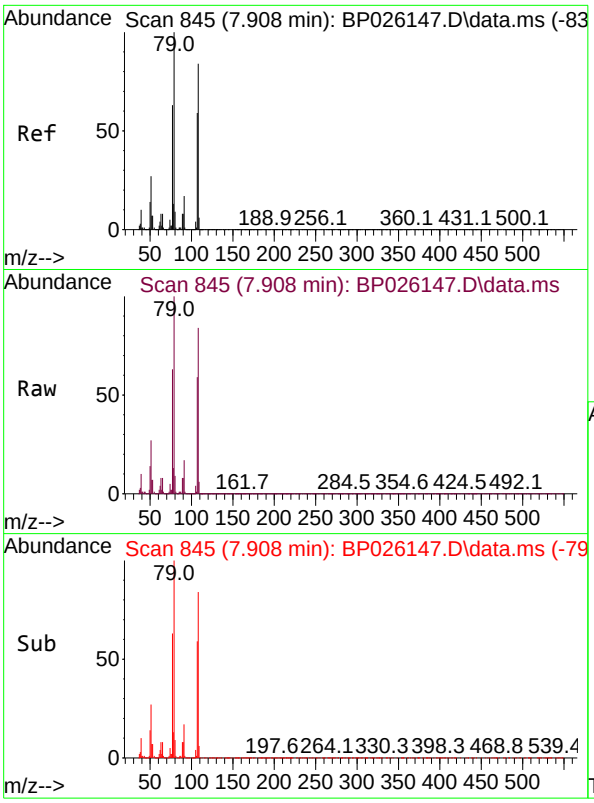




#14
1,2-Dichlorobenzene
Concen: 39.996 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:146 Resp: 997382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.0 | 76.6 |
| 111 | 40.5 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 40.874 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

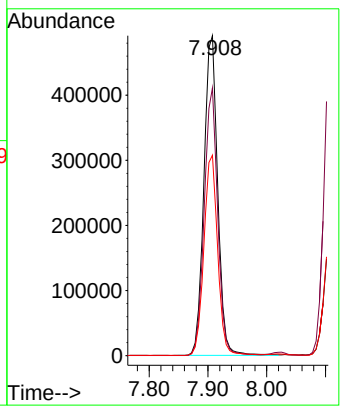
Tgt Ion: 79 Resp: 80097

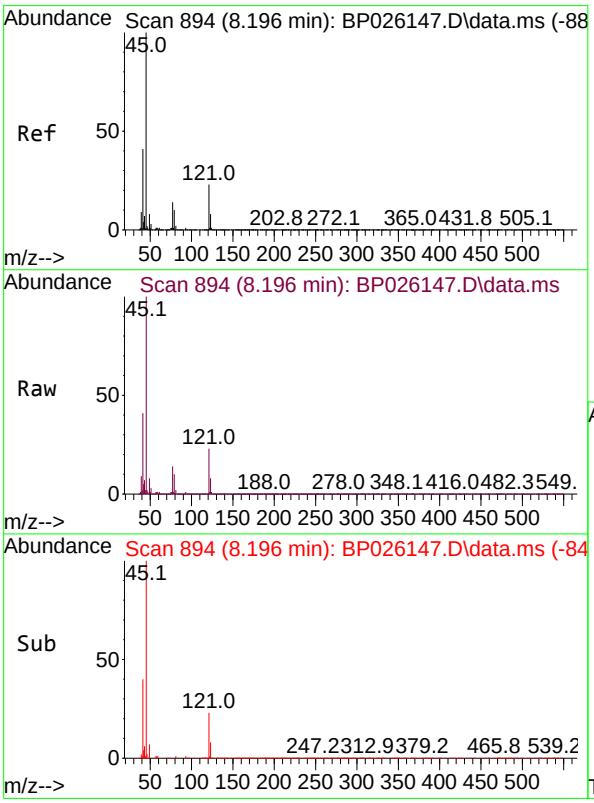
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.6 | 66.2 | 99.4 |
| 77 | 62.6 | 50.0 | 75.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

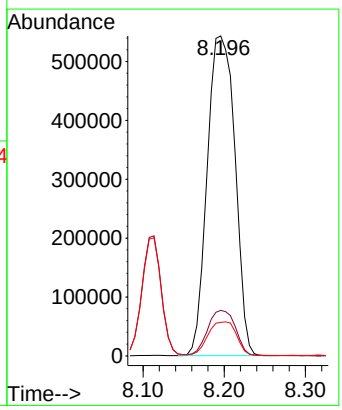


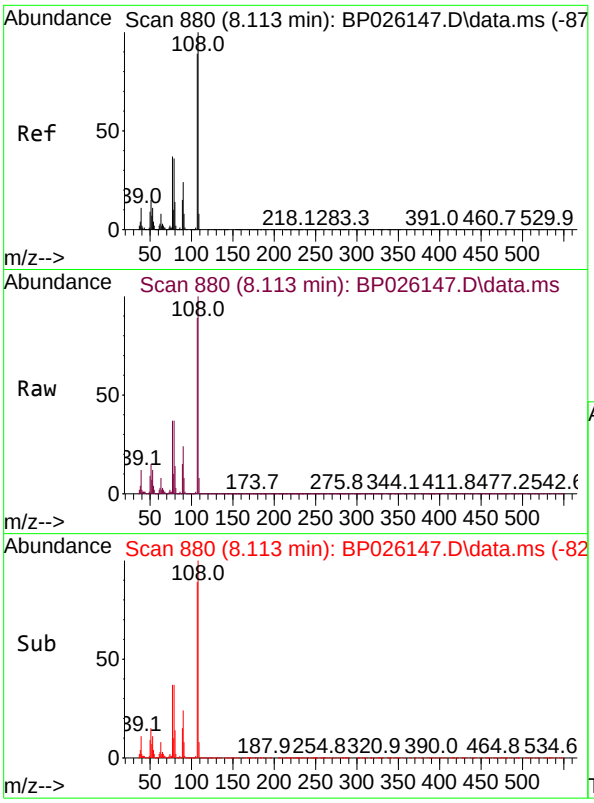




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.615 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 45 Resp: 1291371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.2 | 0.0 | 33.9 |
| 79 | 10.5 | 0.0 | 30.4 |

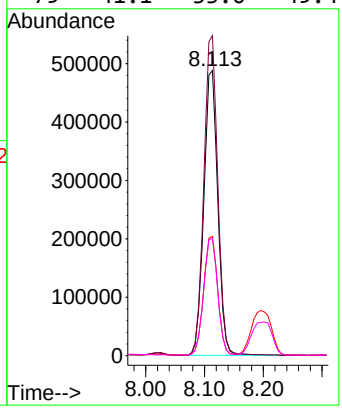





#17
2-Methylphenol
Concen: 41.076 ng
RT: 8.113 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 80624

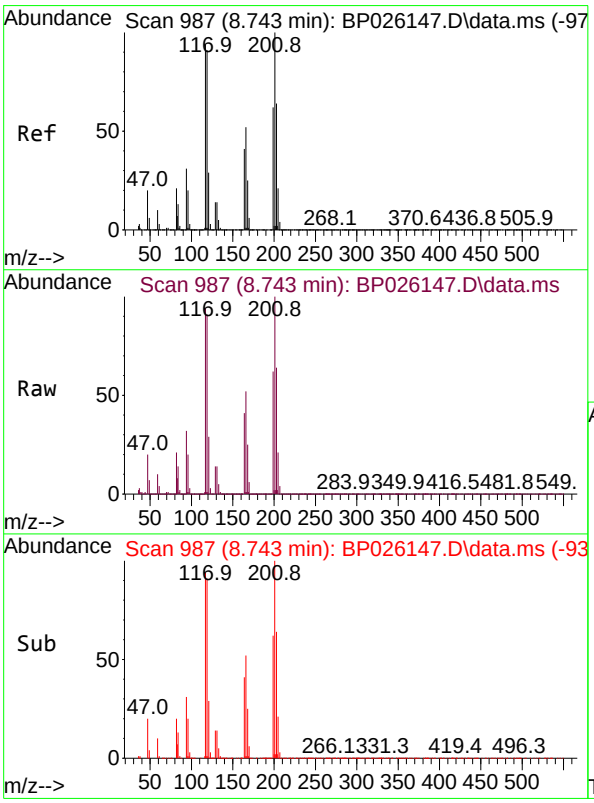
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.2 | 89.7 | 134.5 |
| 77 | 41.8 | 33.9 | 50.9 |
| 79 | 41.1 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

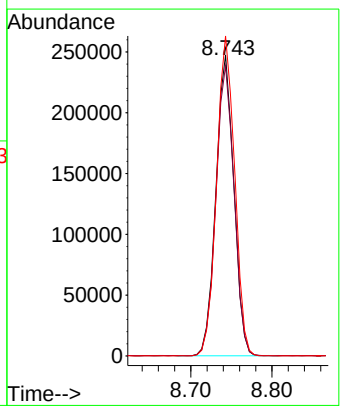
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

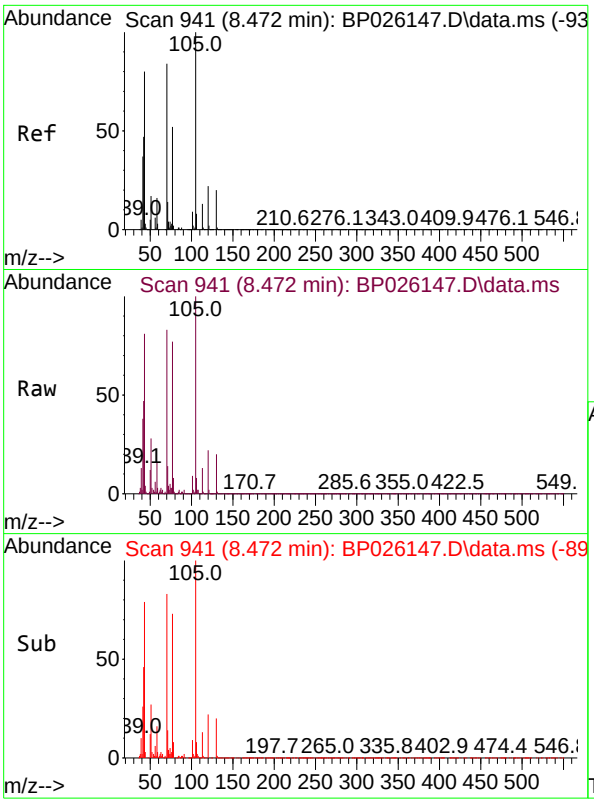



#18
Hexachloroethane
Concen: 40.305 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:117 Resp: 380794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 78.7 | 118.1 |
| 201 | 106.4 | 85.1 | 127.7 |

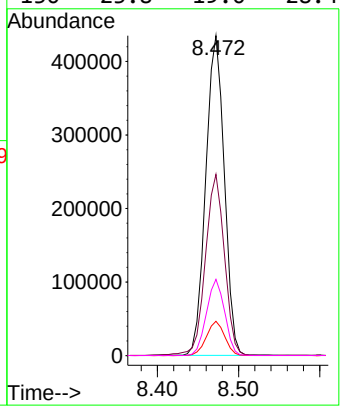





#19
n-Nitroso-di-n-propylamine
Concen: 41.414 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 70 Resp: 690711

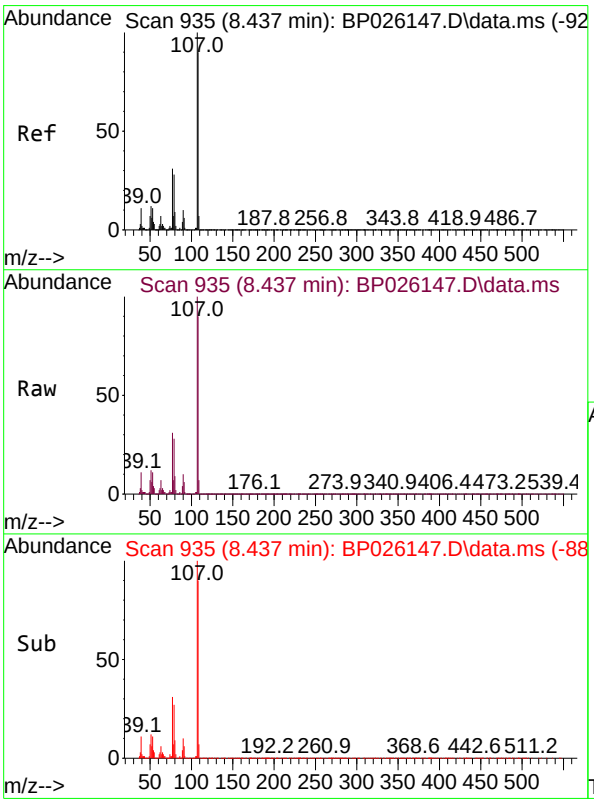
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.6 | 44.1 | 66.1 |
| 101 | 10.8 | 8.2 | 12.4 |
| 130 | 23.8 | 19.0 | 28.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

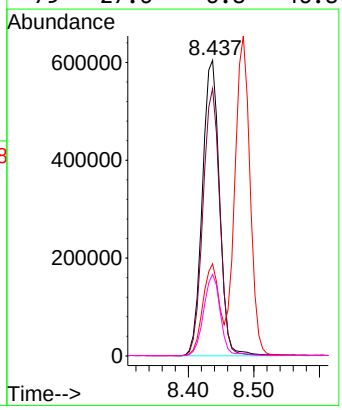
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

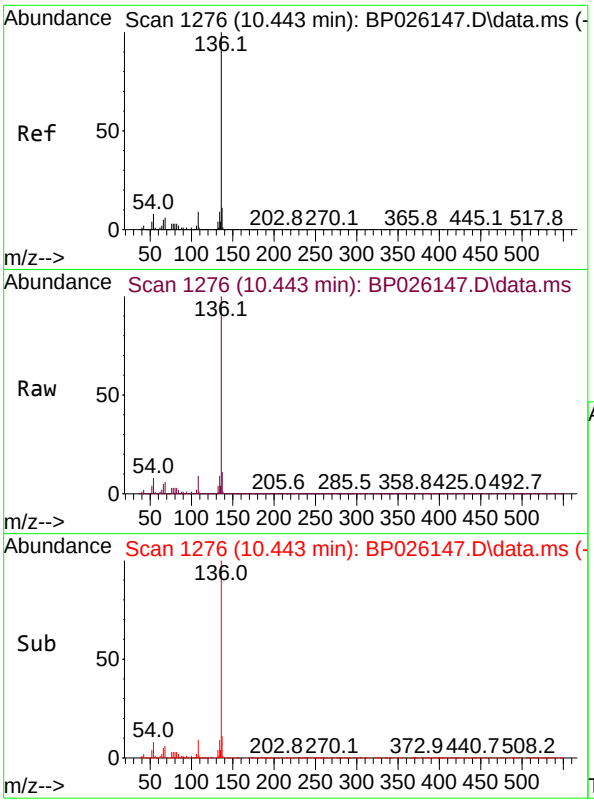



#20
3+4-Methylphenols
Concen: 40.127 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 1095272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.4 | 68.9 | 108.9 |
| 77 | 31.1 | 10.4 | 50.4 |
| 79 | 27.6 | 6.8 | 46.8 |

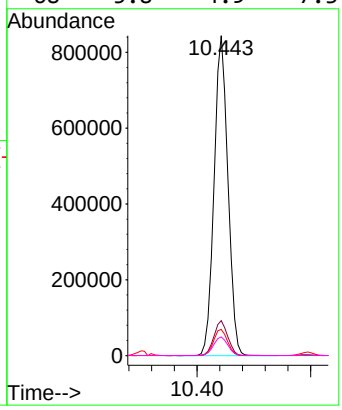





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:136 Resp: 142093

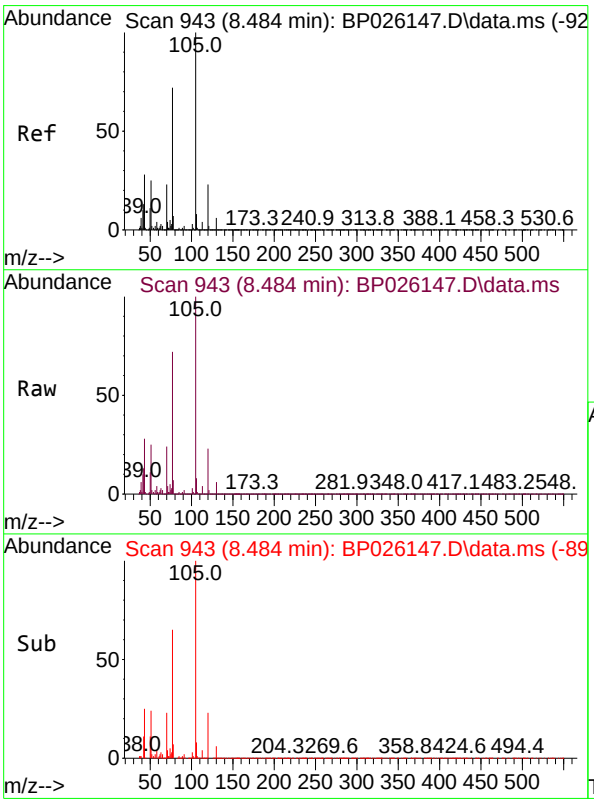
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 8.2 | 6.4 | 9.6 |
| 68 | 5.8 | 4.9 | 7.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

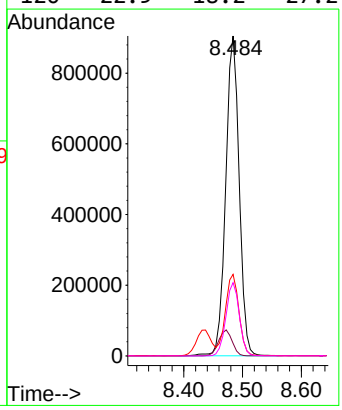
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

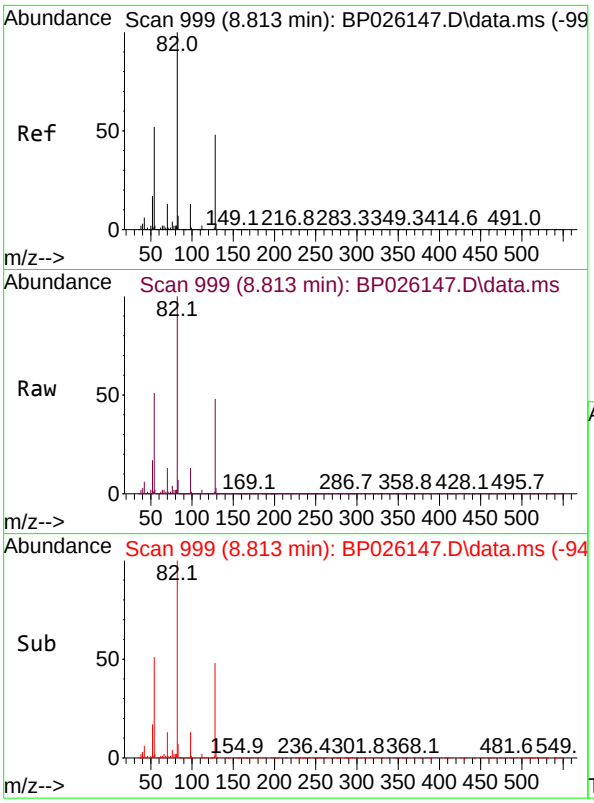



#22
Acetophenone
Concen: 39.828 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:105 Resp: 1439776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.9 | 3.0 | 4.4 |
| 51 | 25.5 | 20.5 | 30.7 |
| 120 | 22.9 | 18.2 | 27.2 |

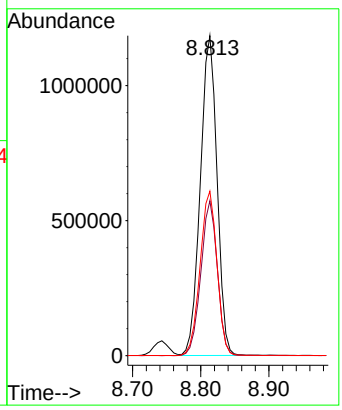





#23
Nitrobenzene-d5
Concen: 80.578 ng
RT: 8.813 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 82 Resp: 201889

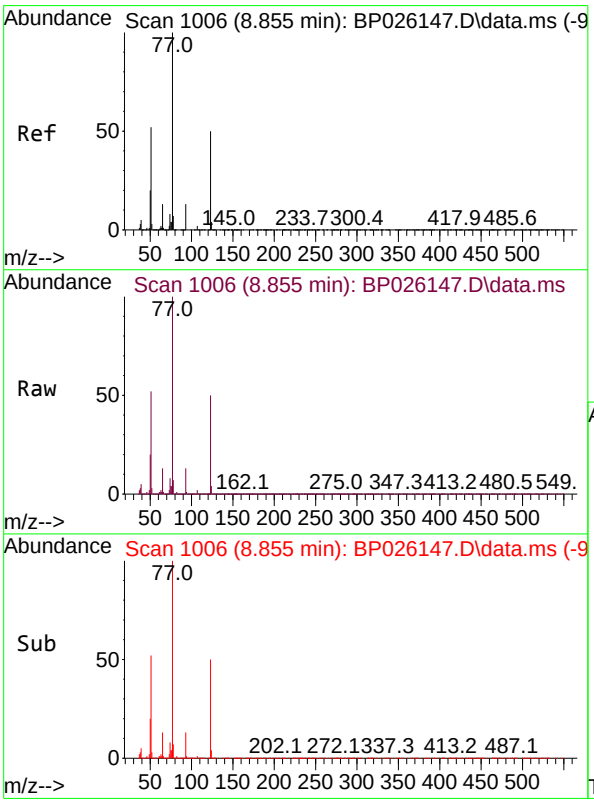
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.4 | 37.4 | 56.0 |
| 54 | 51.4 | 41.6 | 62.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

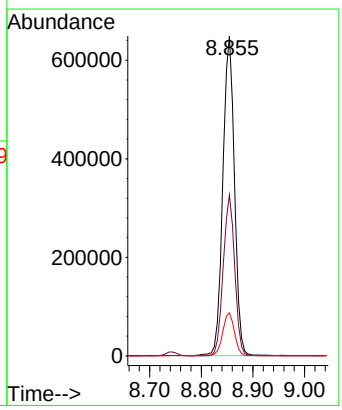
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

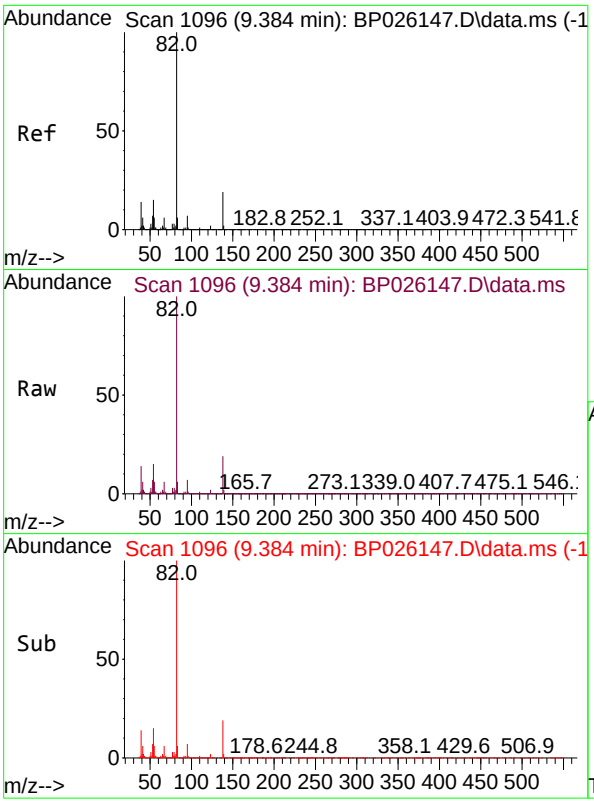



#24
Nitrobenzene
Concen: 40.240 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 1020382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.3 | 39.8 | 59.8 |
| 65 | 13.5 | 11.2 | 16.8 |

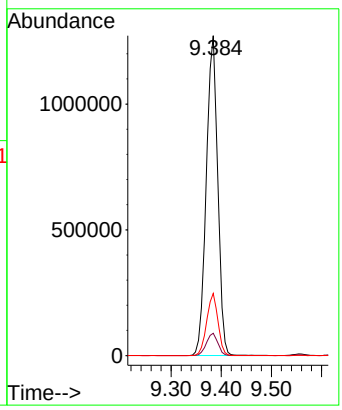





#25
Isophorone
Concen: 40.551 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 82 Resp: 201732

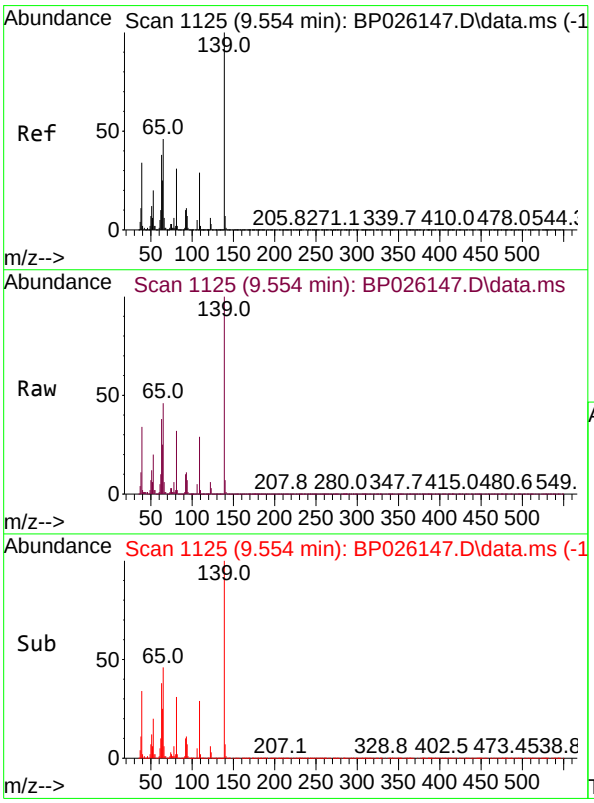
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.4 | 8.0 |
| 138 | 19.4 | 15.4 | 23.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

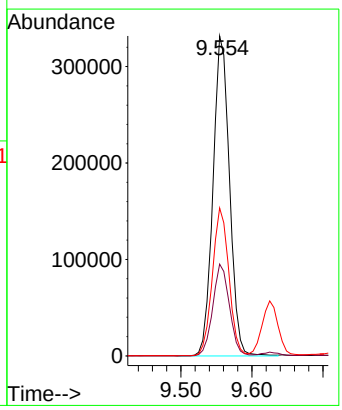
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

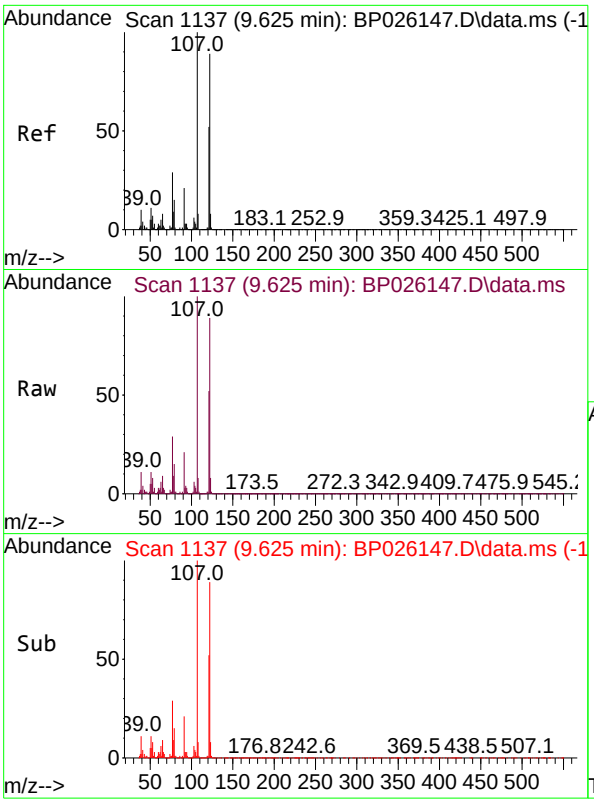



#26
2-Nitrophenol
Concen: 42.012 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:139 Resp: 537109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.7 | 22.3 | 33.5 |
| 65 | 46.2 | 37.2 | 55.8 |

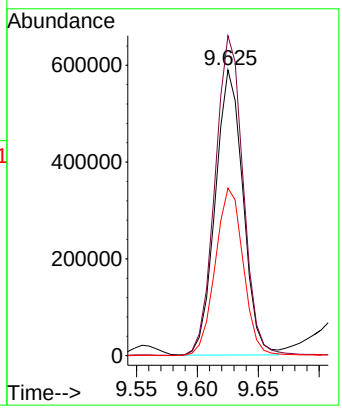





#27
2,4-Dimethylphenol
Concen: 40.271 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:122 Resp: 93272

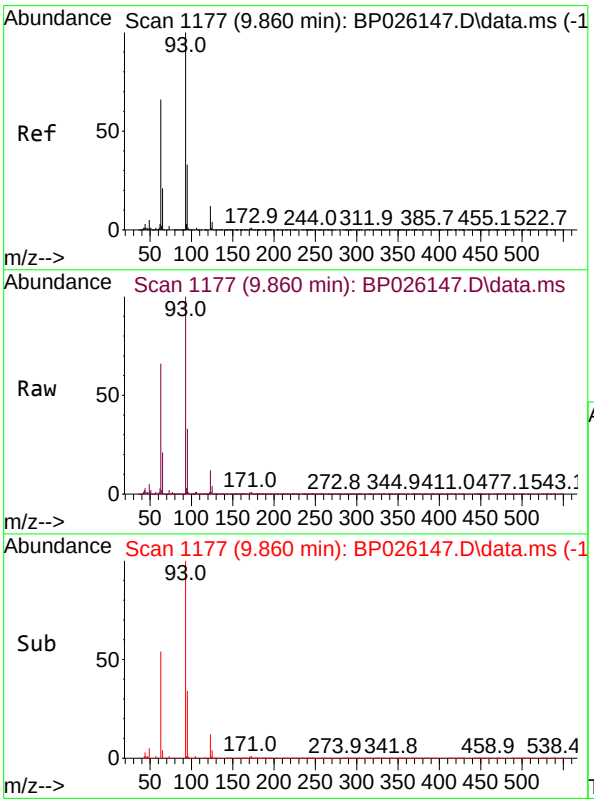
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.0 | 91.0 | 136.6 |
| 121 | 58.6 | 47.0 | 70.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

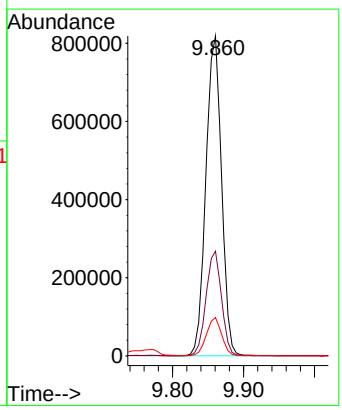
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

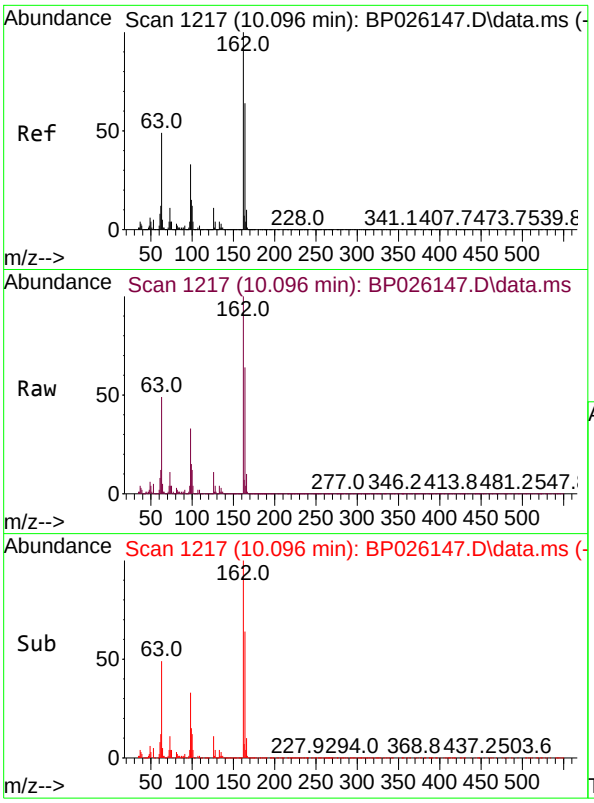



#28
bis(2-Chloroethoxy)methane
Concen: 40.045 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 1247327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.4 | 39.6 |
| 123 | 12.0 | 9.4 | 14.0 |

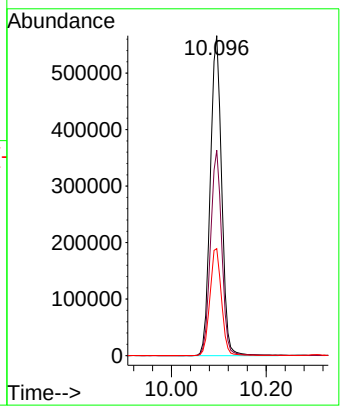





#29
2,4-Dichlorophenol
Concen: 40.740 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:162 Resp: 94012

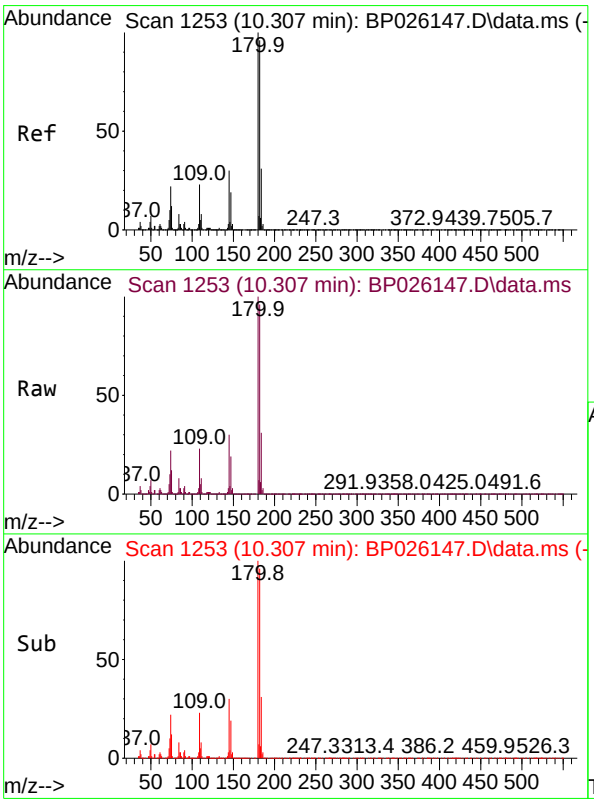
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 43.8 | 83.8 |
| 98 | 33.4 | 14.1 | 54.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

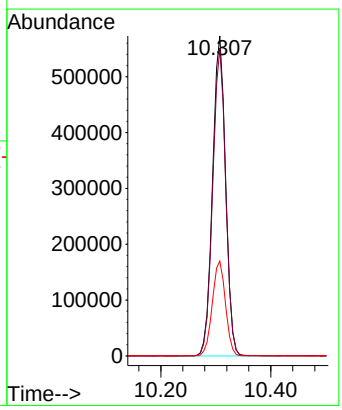
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

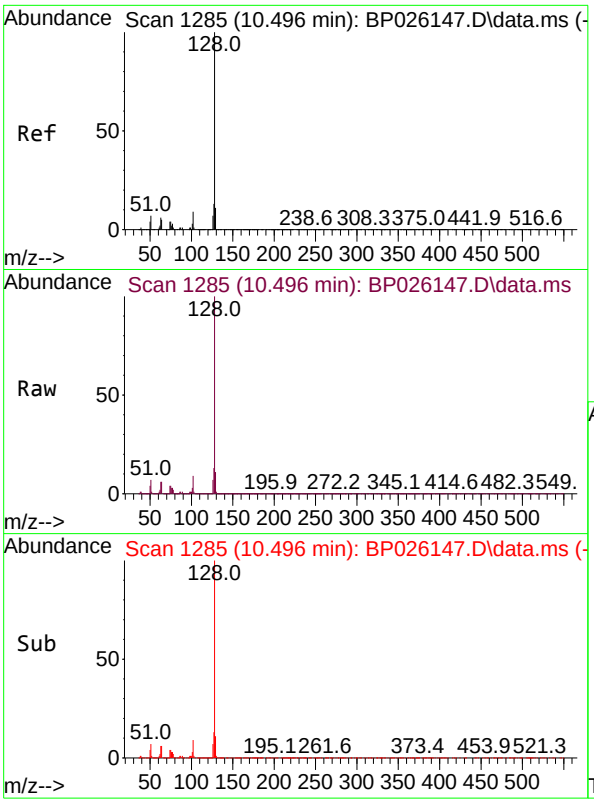



#30
1,2,4-Trichlorobenzene
Concen: 39.912 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:180 Resp: 938571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 78.1 | 117.1 |
| 145 | 29.6 | 24.2 | 36.4 |

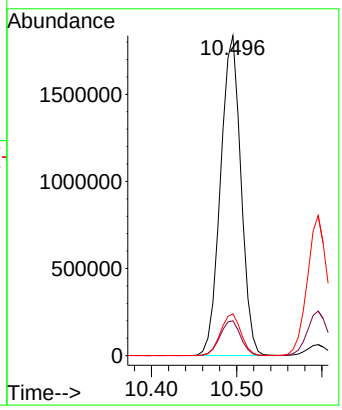





#31
Naphthalene
Concen: 39.513 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:128 Resp: 304867

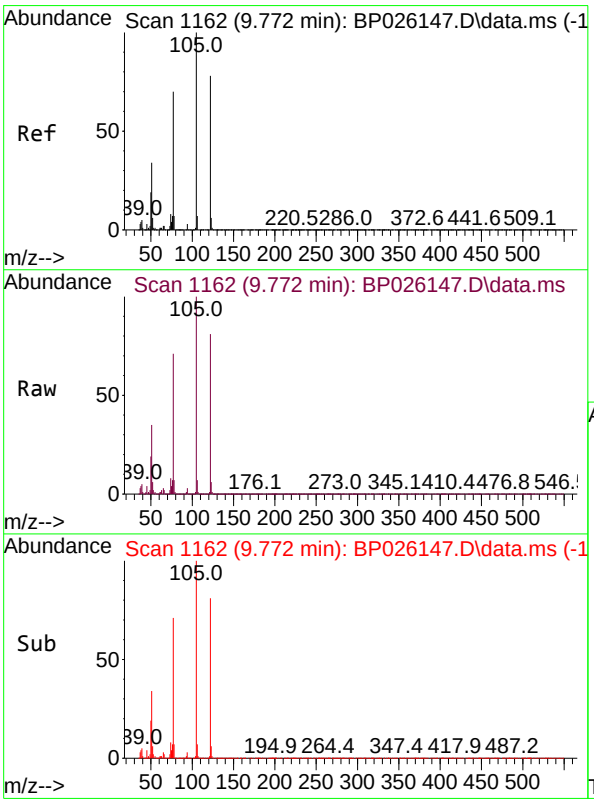
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 13.1 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

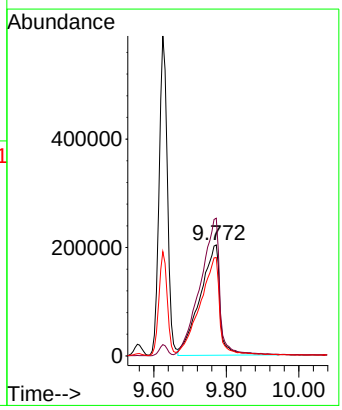
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

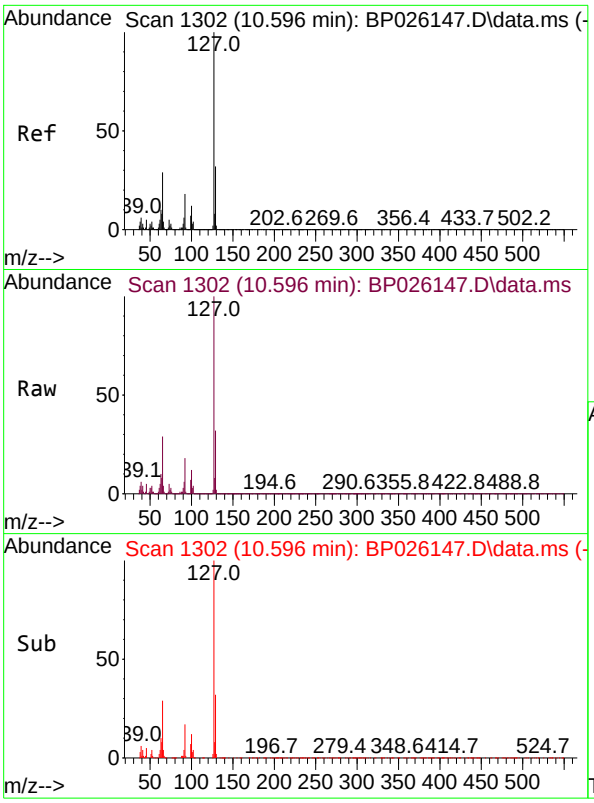



#32
Benzoic acid
Concen: 42.116 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:122 Resp: 784823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.0 | 100.1 | 140.1 |
| 77 | 88.5 | 66.7 | 106.7 |

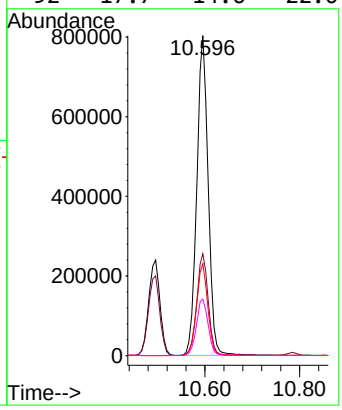





#33
4-Chloroaniline
Concen: 40.923 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:127 Resp: 134027

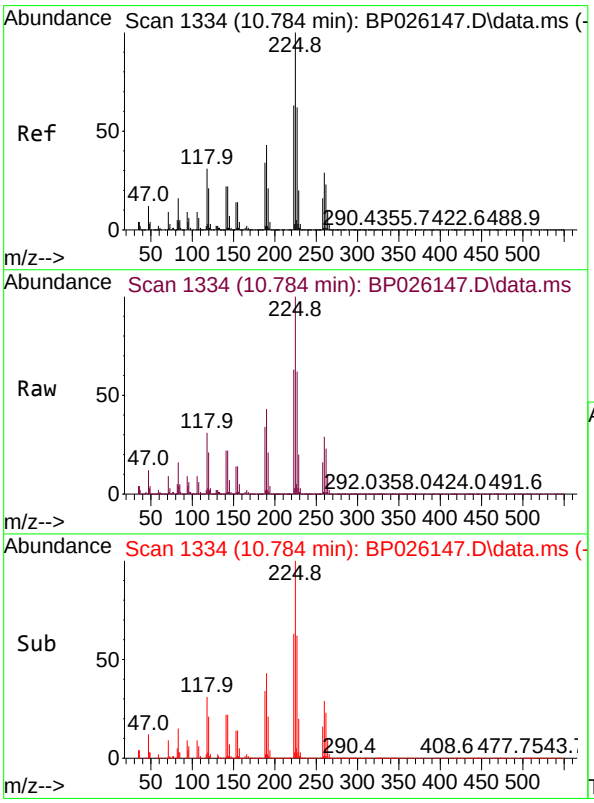
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 25.8 | 38.8 |
| 65 | 28.7 | 22.7 | 34.1 |
| 92 | 17.7 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

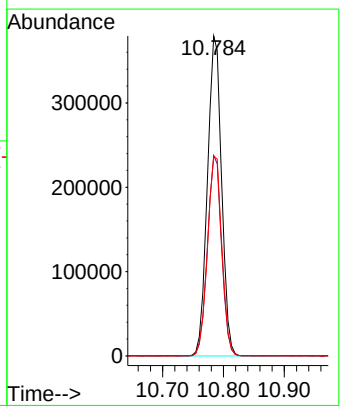
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

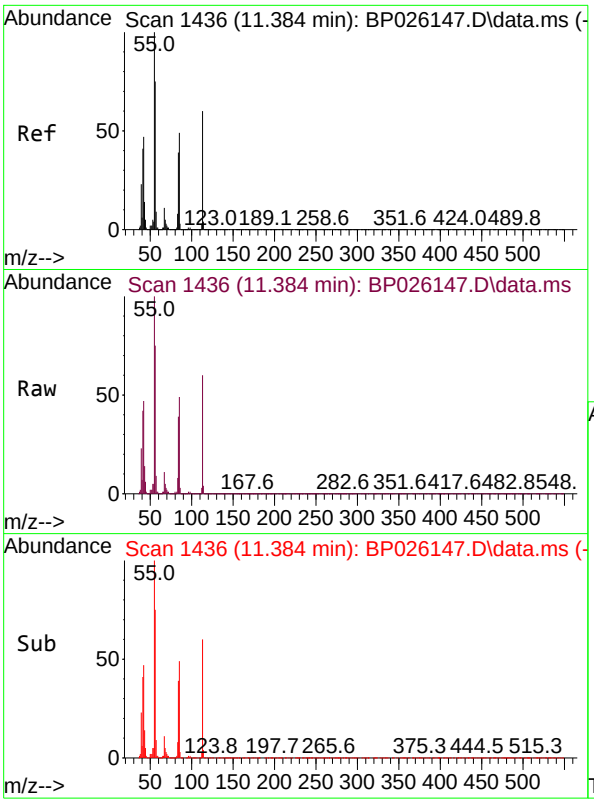



#34
Hexachlorobutadiene
Concen: 39.893 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:225 Resp: 610384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 49.6 | 74.4 |
| 227 | 62.4 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 40.168 ng
RT: 11.384 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

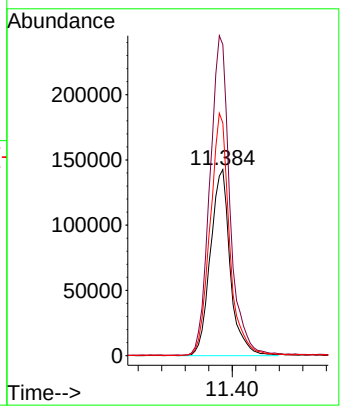
Tgt Ion:113 Resp: 33378

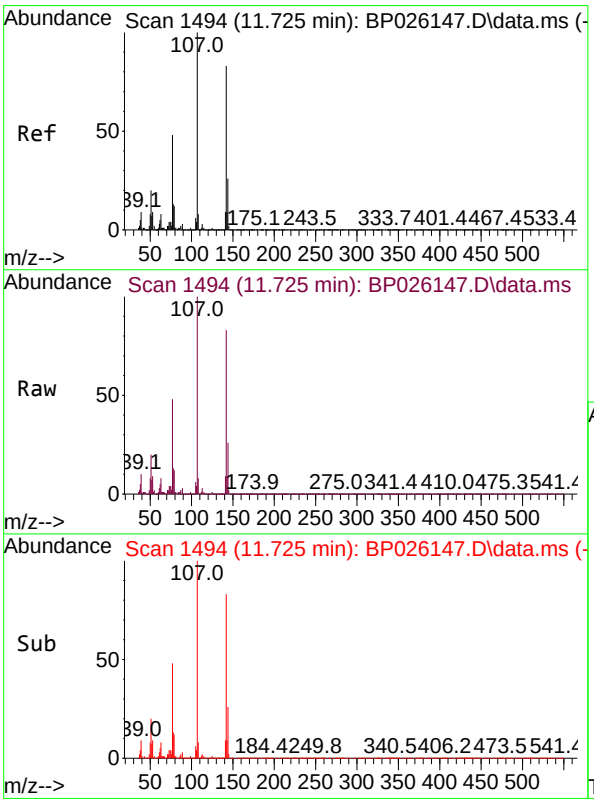
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 167.2 | 153.0 | 193.0 |
| 56 | 125.0 | 106.4 | 146.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
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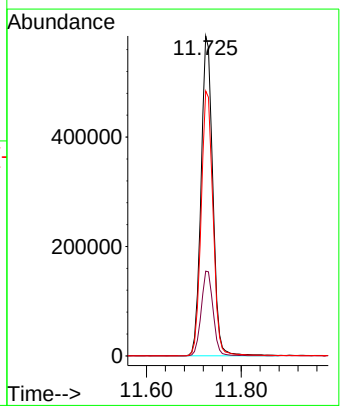


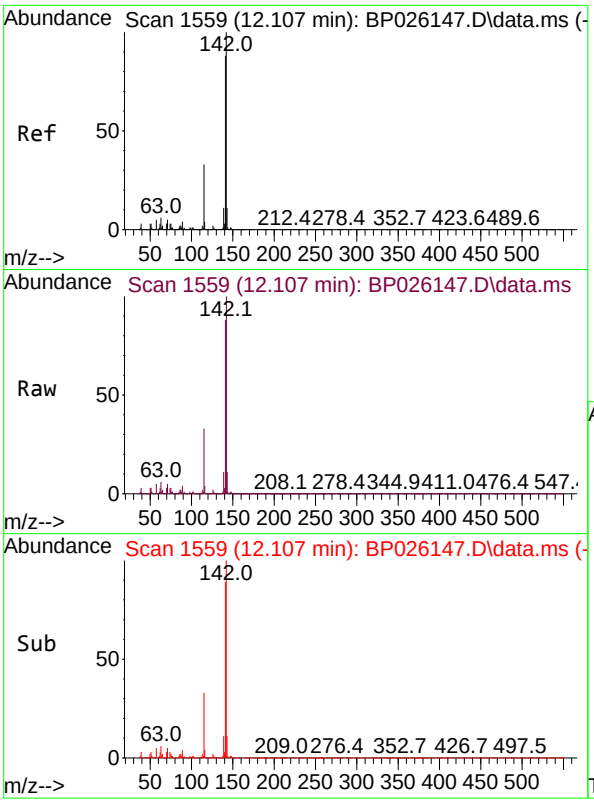




#36
4-Chloro-3-methylphenol
Concen: 40.975 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 1006010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.5 | 21.6 | 32.4 |
| 142 | 82.8 | 65.6 | 98.4 |






#37
2-Methylnaphthalene
Concen: 40.223 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

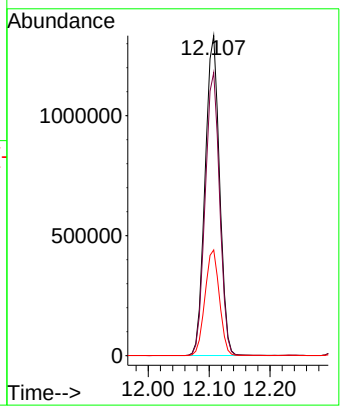
Tgt Ion:142 Resp: 219665

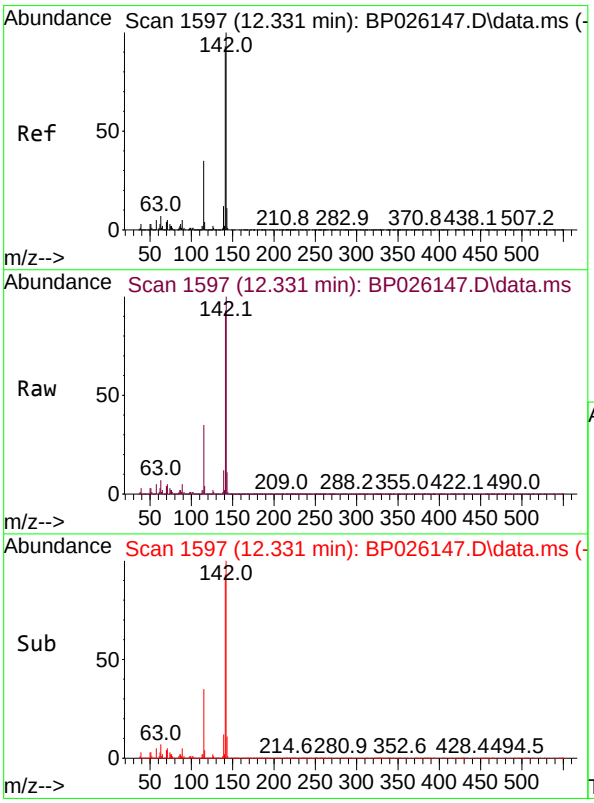
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.0 | 106.6 |
| 115 | 33.0 | 26.6 | 39.8 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

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Supervised By :Sohil Jodhani 11/19/2025

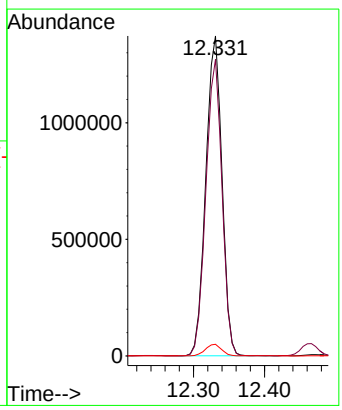


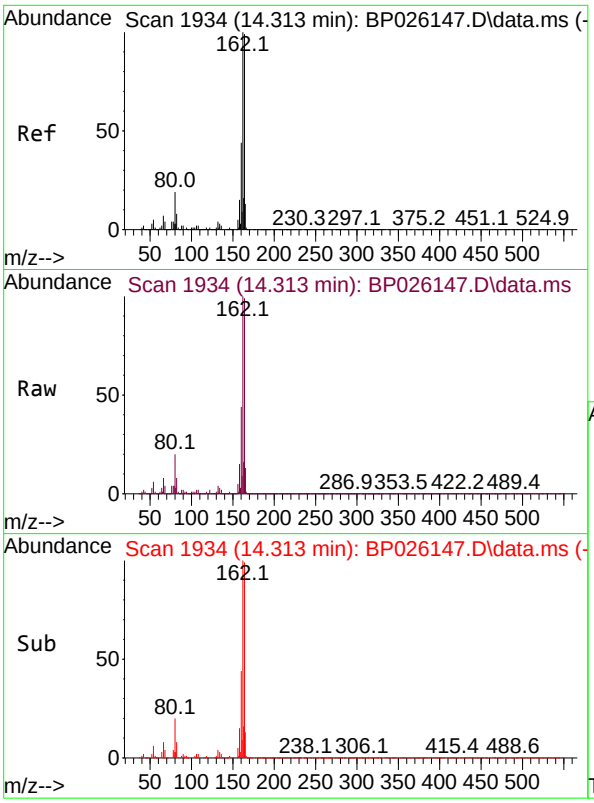




#38
1-Methylnaphthalene
Concen: 40.554 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:142 Resp: 2167022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.7 | 73.5 | 110.3 |
| 116 | 3.6 | 3.0 | 4.4 |

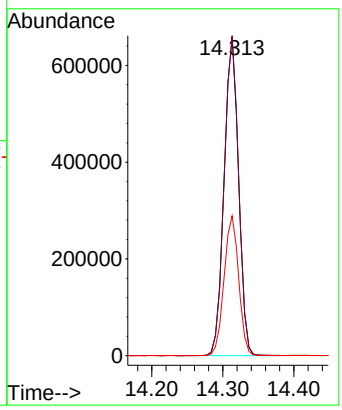





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:164 Resp: 933300

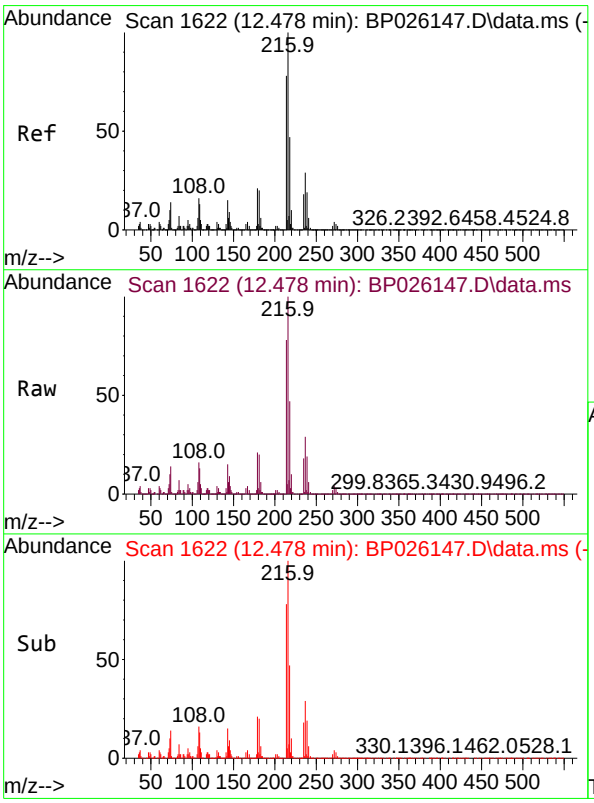
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 80.3 | 120.5 |
| 160 | 43.9 | 35.2 | 52.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

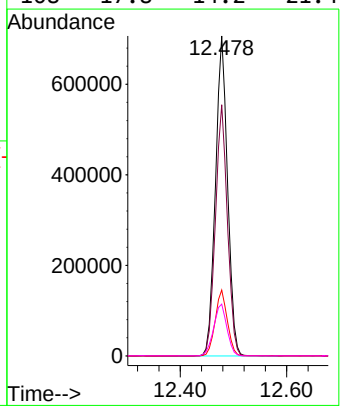
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

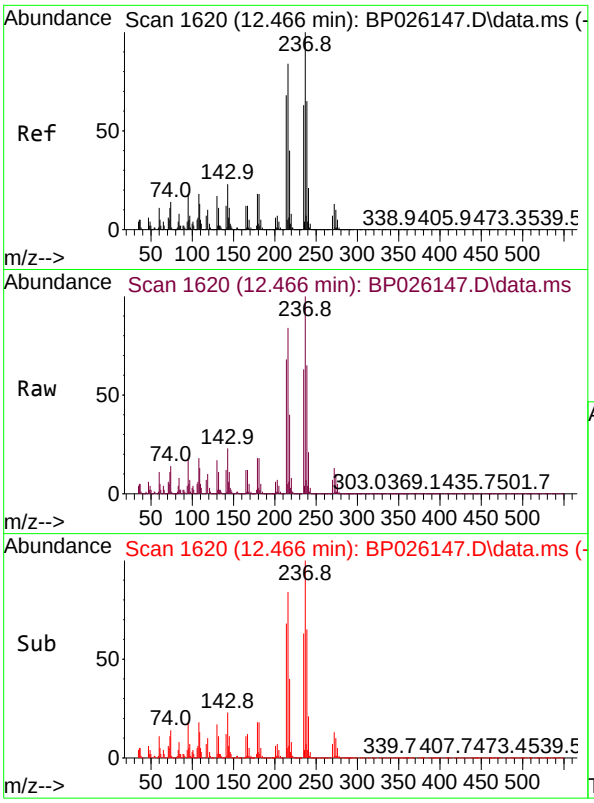



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.601 ng
RT: 12.478 min Scan# 1622
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:216 Resp: 1113781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.1 | 62.6 | 94.0 |
| 179 | 20.6 | 16.6 | 25.0 |
| 108 | 17.8 | 14.2 | 21.4 |

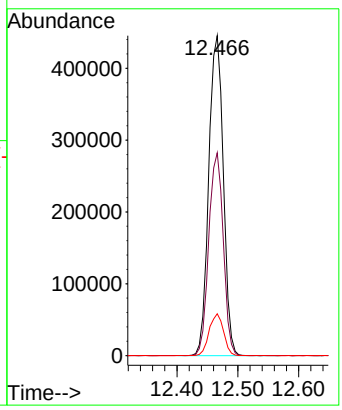





#41
Hexachlorocyclopentadiene
Concen: 40.264 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:237 Resp: 73912

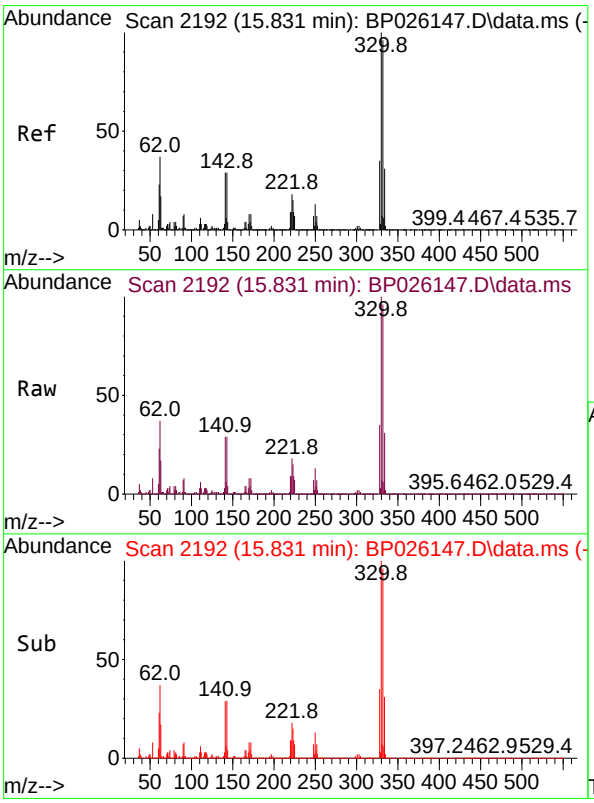
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.4 | 43.3 | 83.3 |
| 272 | 13.1 | 0.0 | 32.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

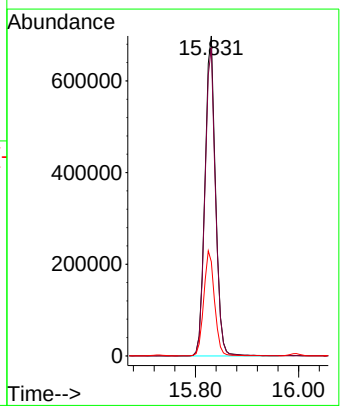
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

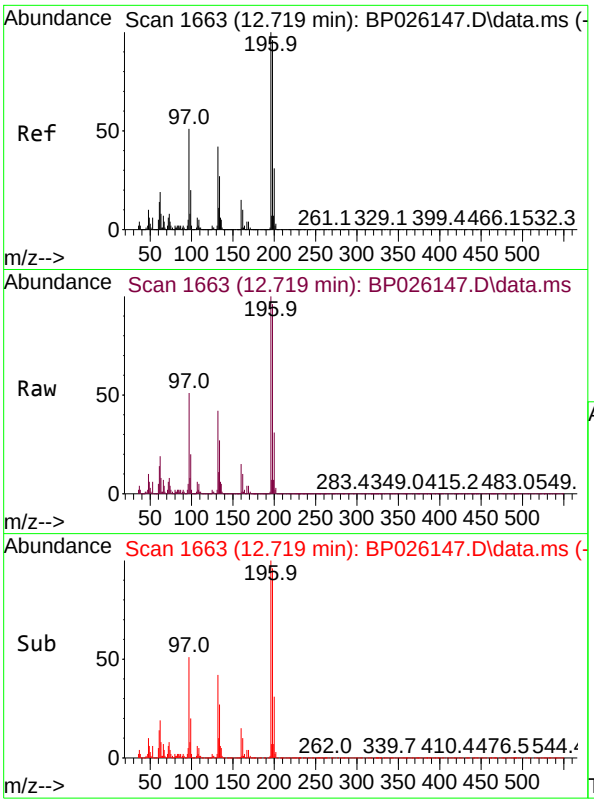



#42
2,4,6-Tribromophenol
Concen: 81.498 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:330 Resp: 985641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 78.0 | 117.0 |
| 141 | 33.5 | 26.8 | 40.2 |

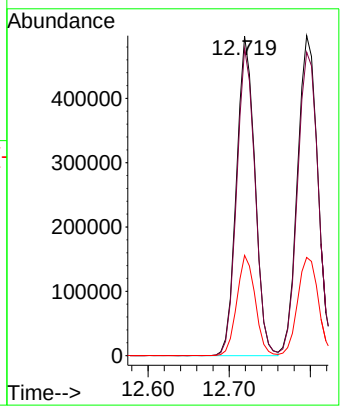





#43
2,4,6-Trichlorophenol
Concen: 40.484 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:196 Resp: 78354

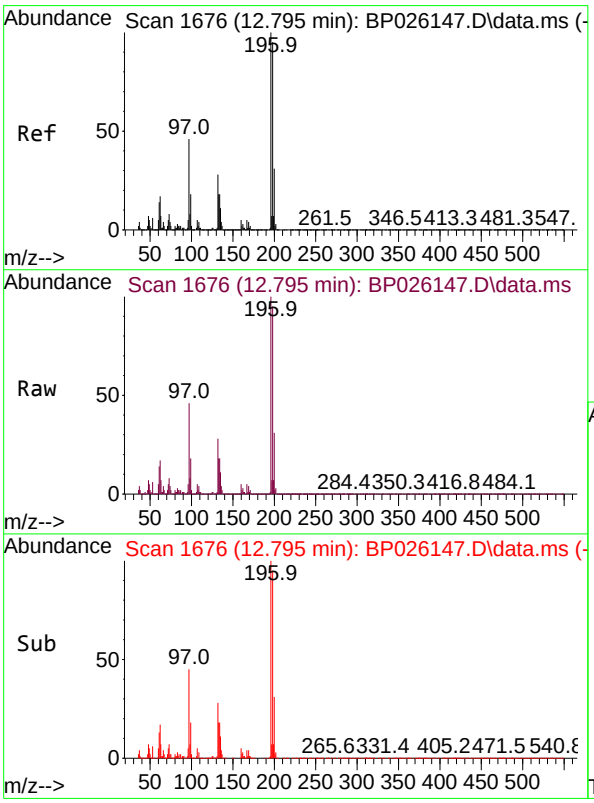
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 76.9 | 115.3 |
| 200 | 31.4 | 24.6 | 37.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

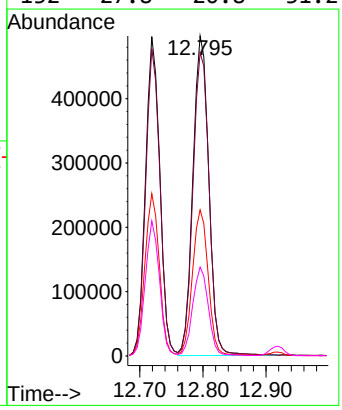
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

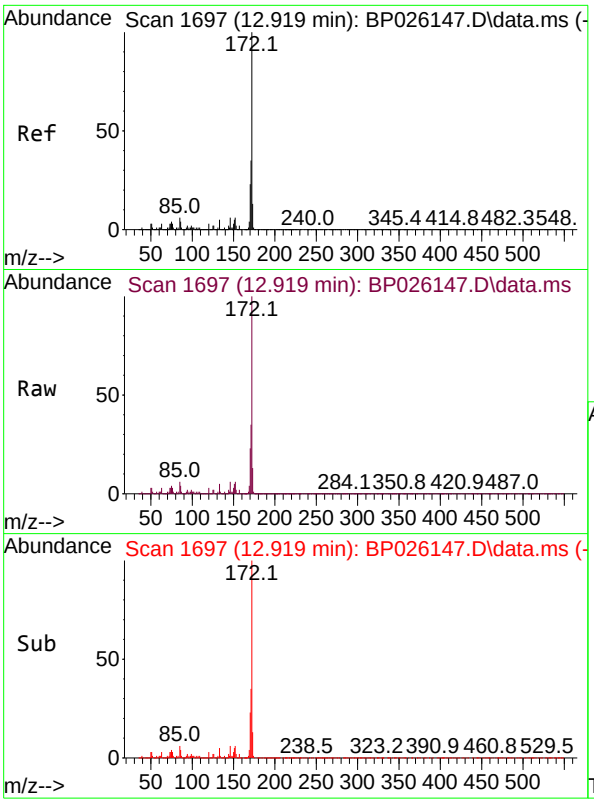



#44
2,4,5-Trichlorophenol
Concen: 40.362 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:196 Resp: 871078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 76.4 | 114.6 |
| 97 | 45.6 | 35.7 | 53.5 |
| 132 | 27.8 | 20.8 | 31.2 |

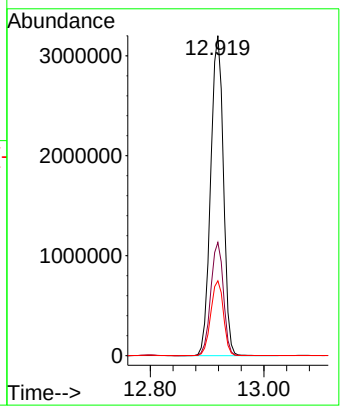





#45
2-Fluorobiphenyl
Concen: 78.020 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:172 Resp: 499115

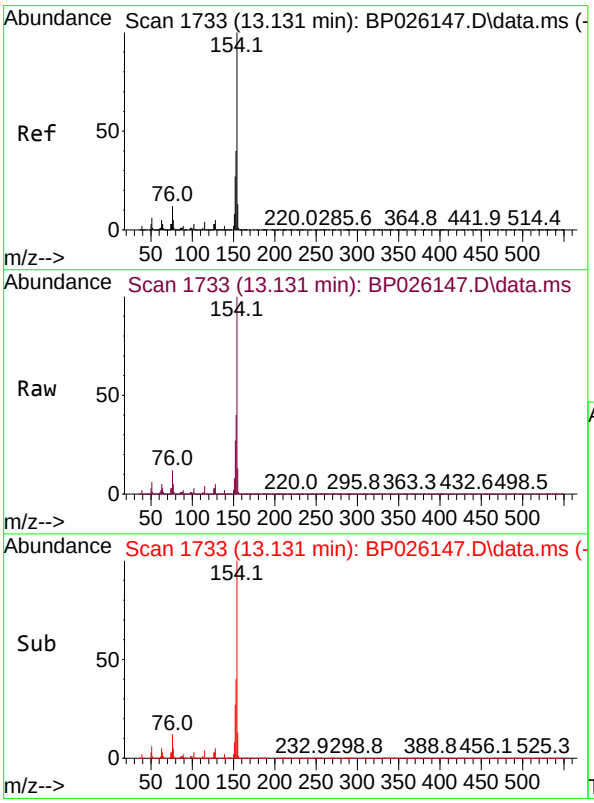
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.2 | 42.4 |
| 170 | 23.4 | 18.7 | 28.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

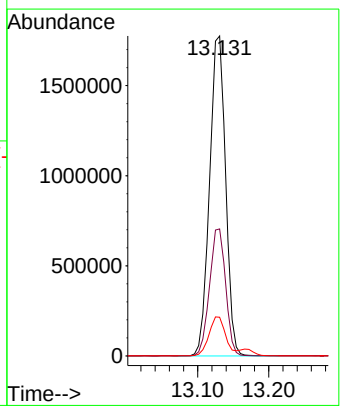
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

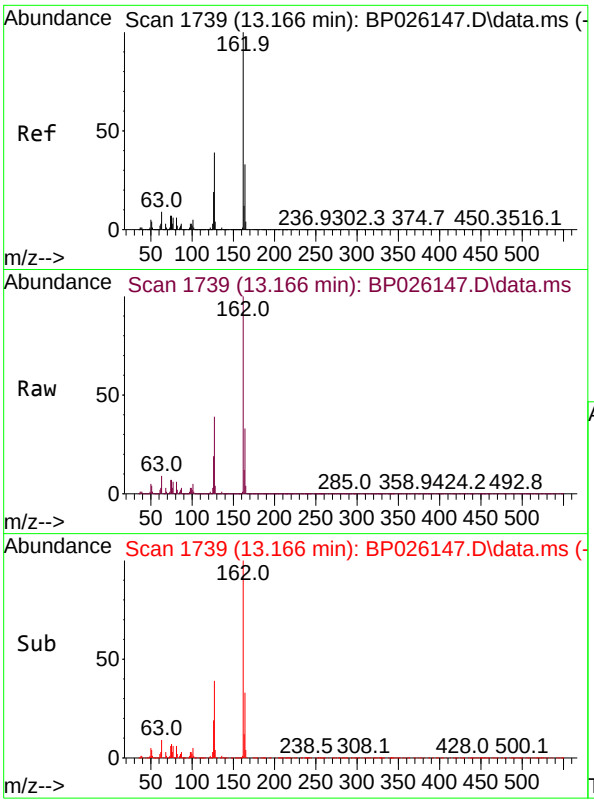



#46
1,1'-Biphenyl
Concen: 39.689 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2780286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.7 | 20.3 | 60.3 |
| 76 | 12.1 | 0.0 | 32.3 |

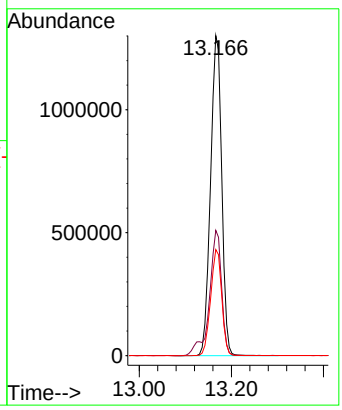





#47
2-Chloronaphthalene
Concen: 39.633 ng
RT: 13.166 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:162 Resp: 218273

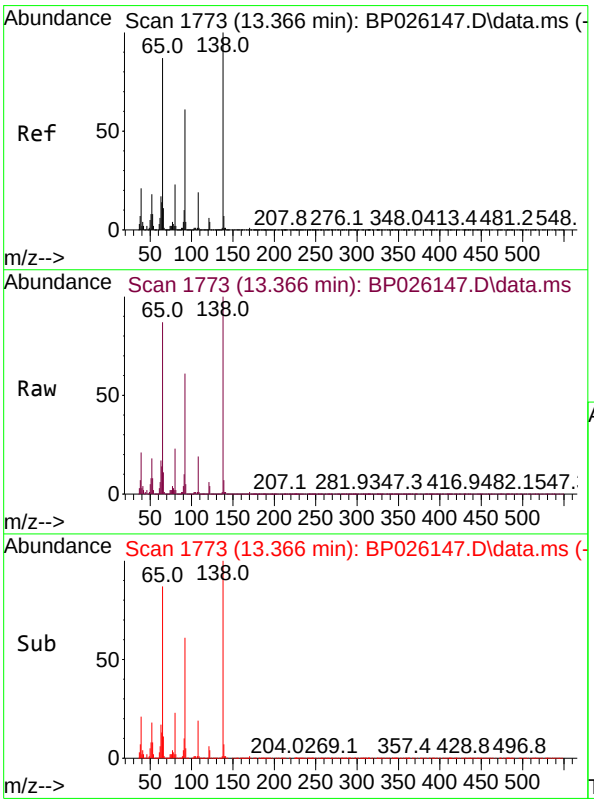
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.1 | 30.9 | 46.3 |
| 164 | 33.1 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

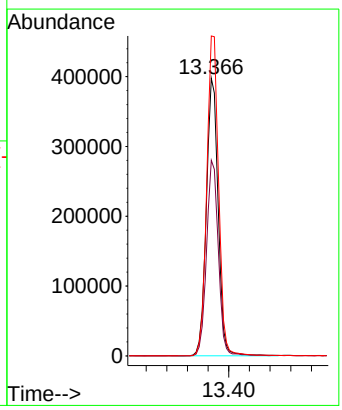
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

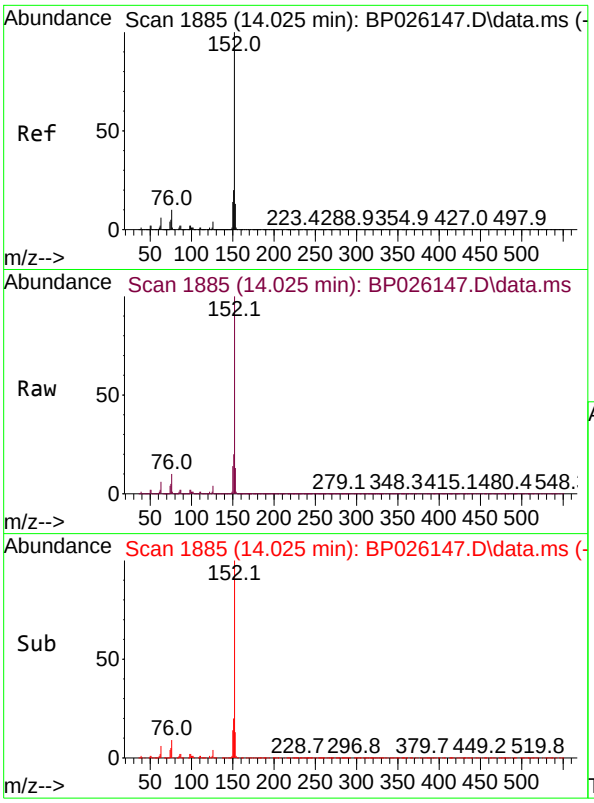



#48
2-Nitroaniline
Concen: 41.000 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 65 Resp: 630592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.5 | 59.1 | 88.7 |
| 138 | 115.3 | 96.6 | 145.0 |

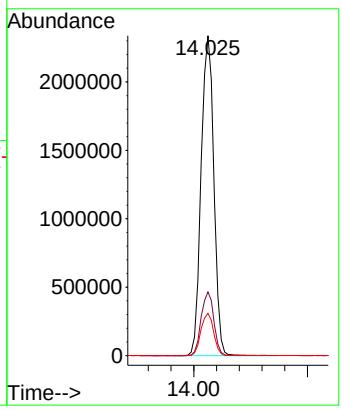





#49
Acenaphthylene
Concen: 39.879 ng
RT: 14.025 min Scan# 18
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:152 Resp: 363384

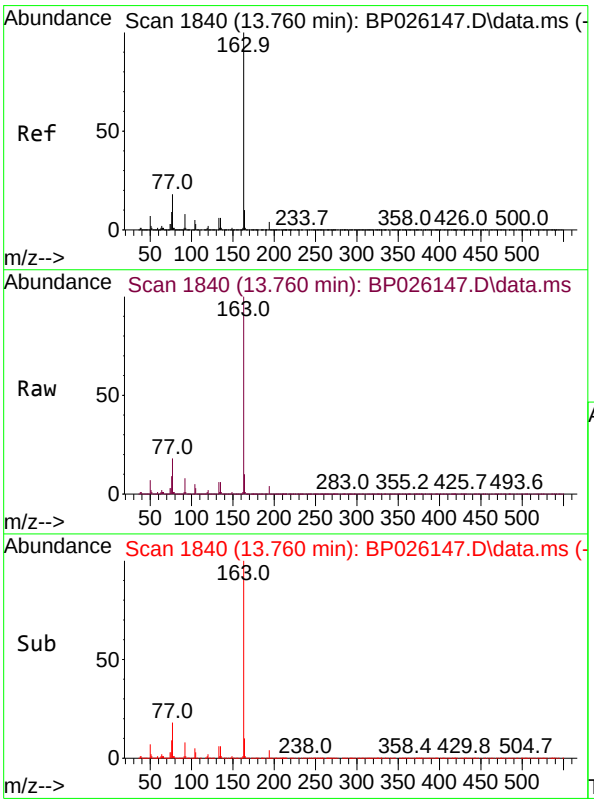
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

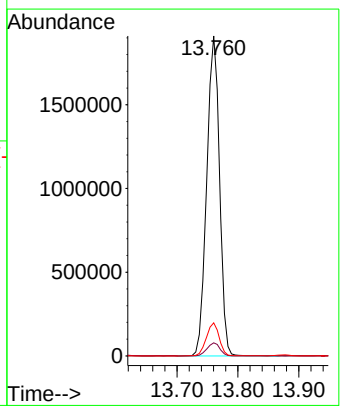
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

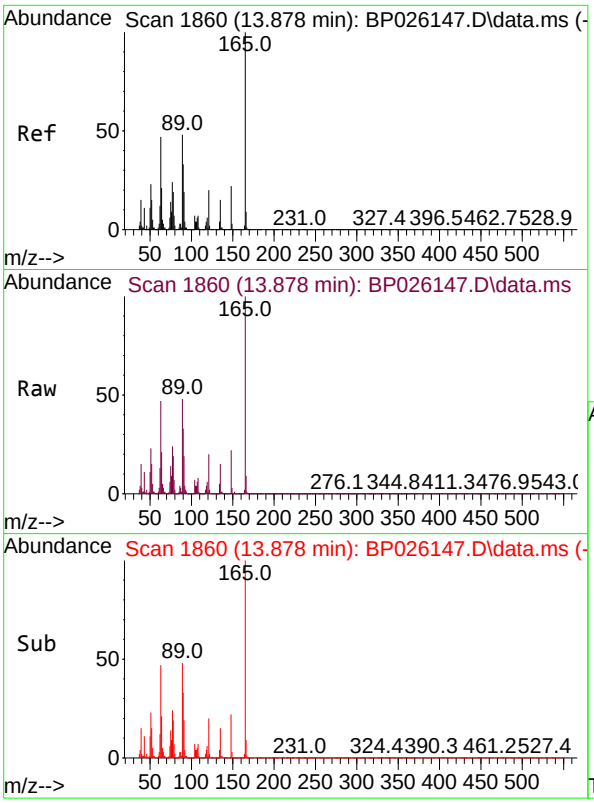



#50
Dimethylphthalate
Concen: 40.098 ng
RT: 13.760 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:163 Resp: 2788637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.3 | 8.2 | 12.2 |






#51
2,6-Dinitrotoluene
Concen: 42.806 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

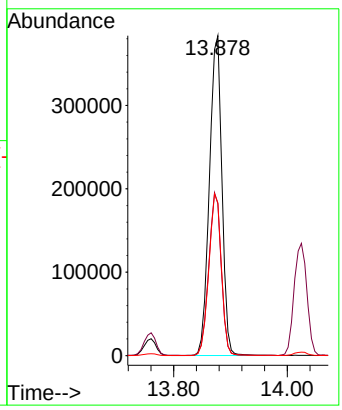
Tgt Ion:165 Resp: 58873(

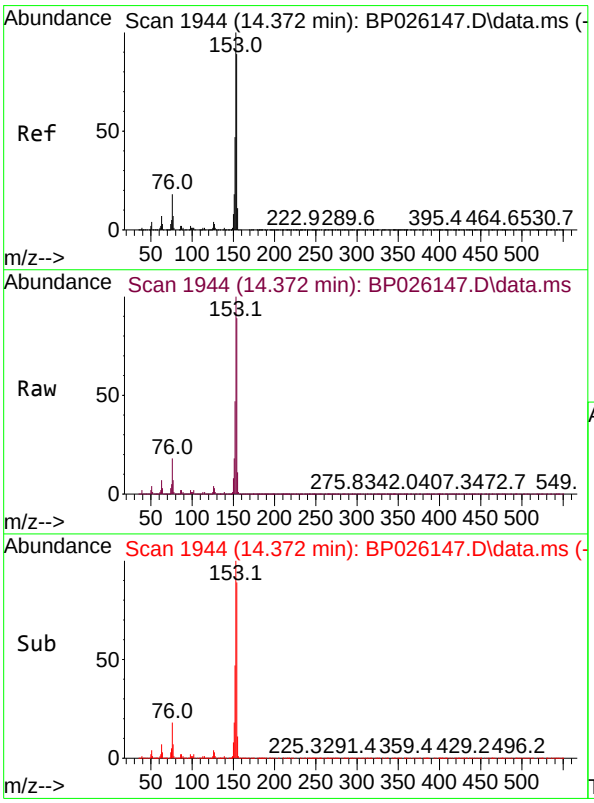
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.4 | 40.5 | 60.7 |
| 89 | 47.7 | 41.3 | 61.9 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

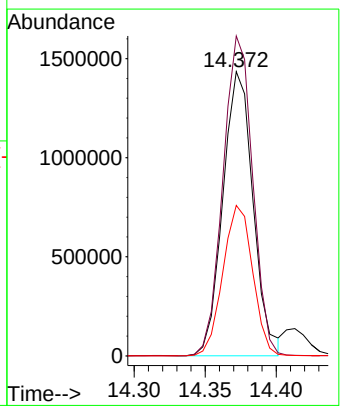


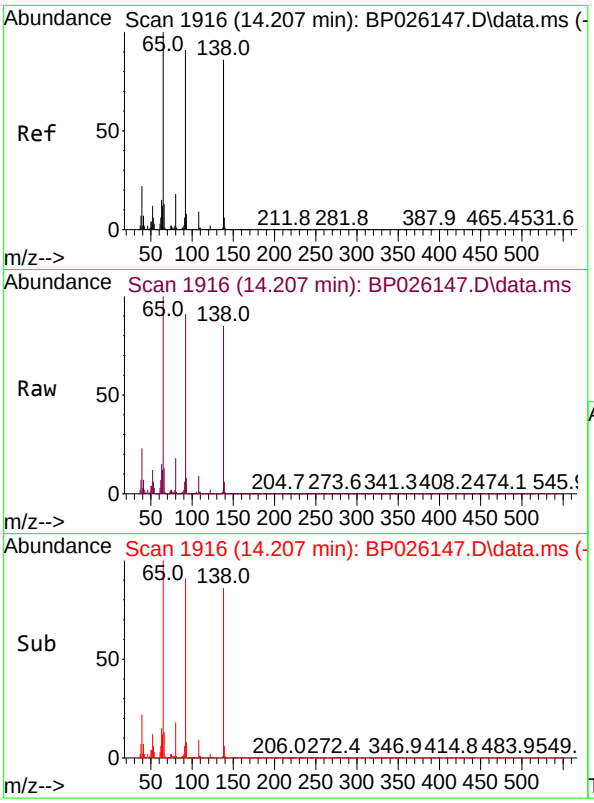




#52
Acenaphthene
Concen: 39.859 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2124219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.6 | 90.7 | 136.1 |
| 152 | 52.9 | 42.8 | 64.2 |






#53
3-Nitroaniline
Concen: 41.586 ng
RT: 14.207 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

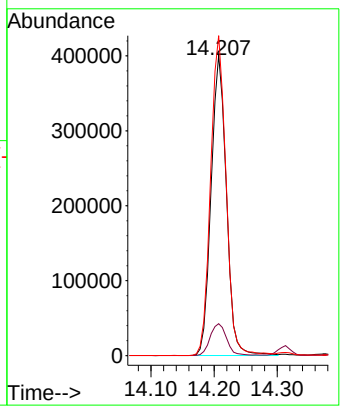
Tgt Ion:138 Resp: 67566

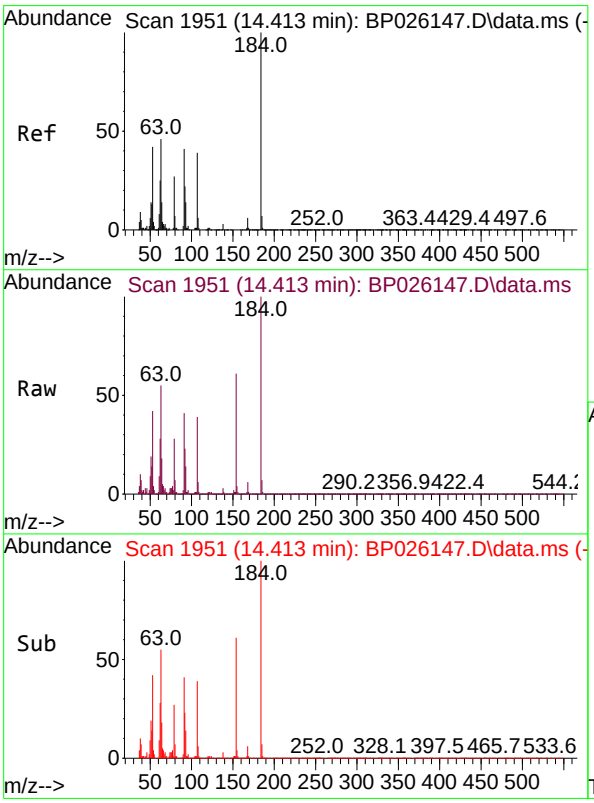
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.9 | 13.3 |
| 92 | 106.5 | 86.3 | 129.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

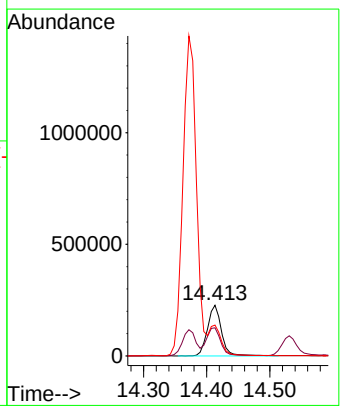


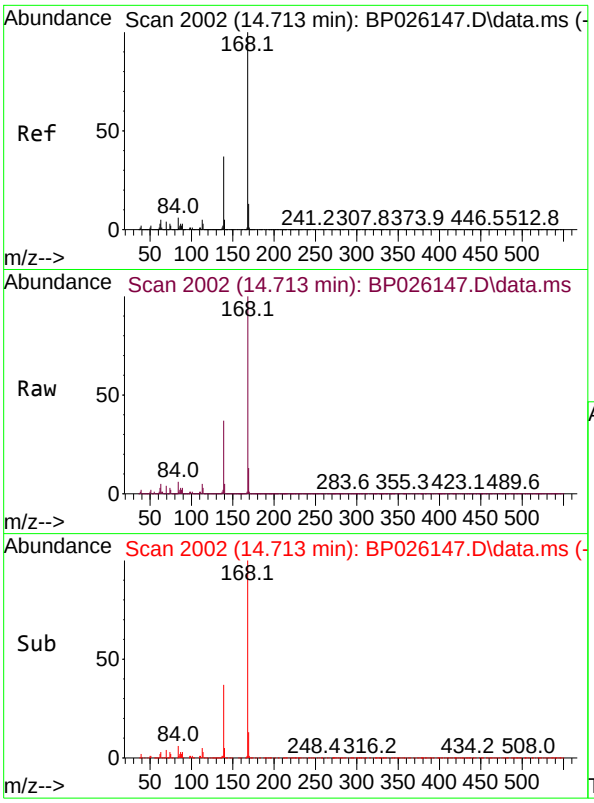




#54
2,4-Dinitrophenol
Concen: 42.038 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:184 Resp: 346832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.4 | 43.1 | 64.7 |
| 154 | 60.8 | 49.5 | 74.3 |

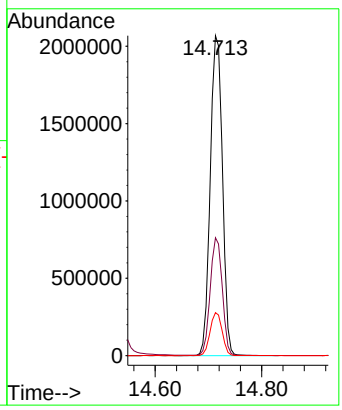





#55
Dibenzofuran
Concen: 39.554 ng
RT: 14.713 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:168 Resp: 329410

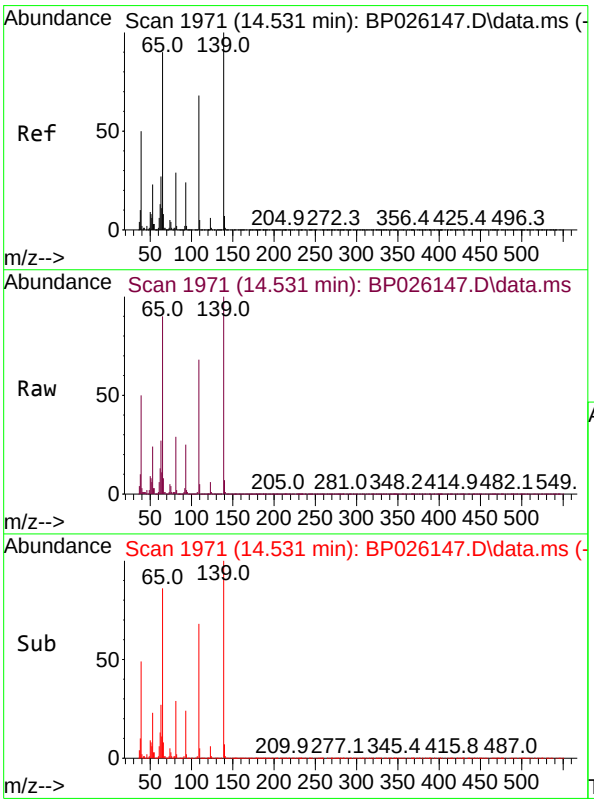
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.8 | 44.6 |
| 169 | 13.4 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

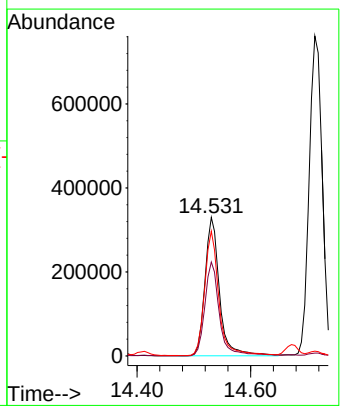
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

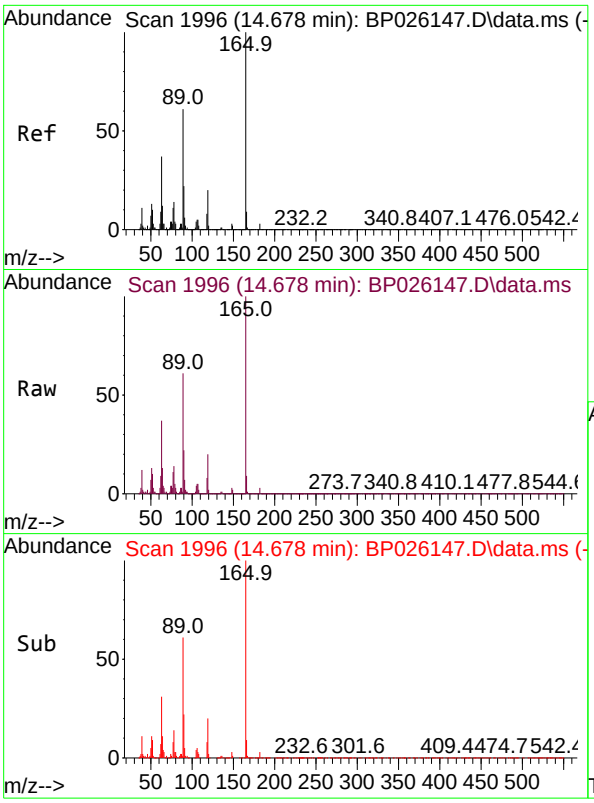



#56
4-Nitrophenol
Concen: 39.974 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:139 Resp: 589592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.7 | 46.8 | 86.8 |
| 65 | 90.0 | 69.3 | 109.3 |

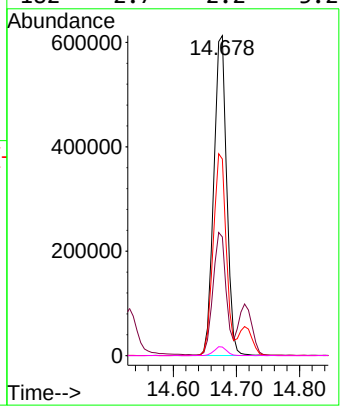





#57
2,4-Dinitrotoluene
Concen: 42.152 ng
RT: 14.678 min Scan# 19
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:165 Resp: 87153

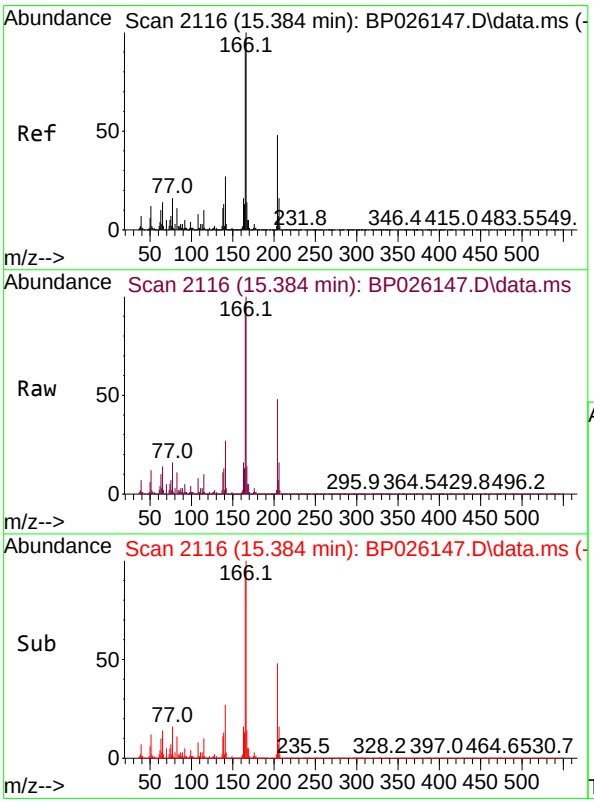
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 37.1 | 31.0 | 46.6 |
| 89 | 61.4 | 51.7 | 77.5 |
| 182 | 2.7 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

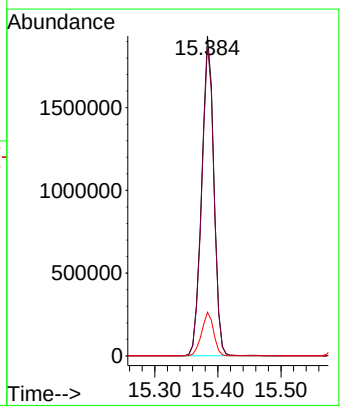
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

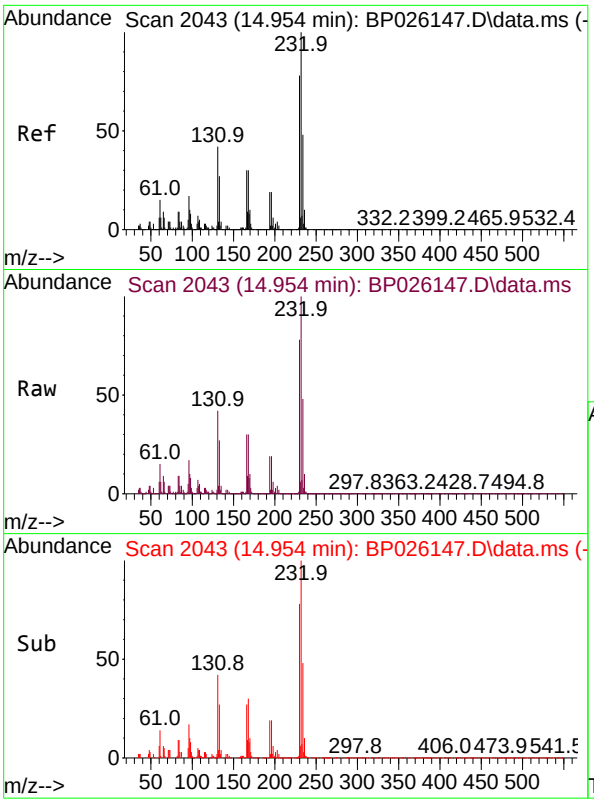



#58
Fluorene
Concen: 39.135 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:166 Resp: 2576477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.5 | 77.9 | 116.9 |
| 167 | 13.6 | 11.0 | 16.4 |

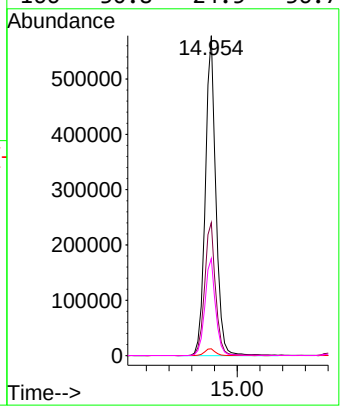





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.827 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:232 Resp: 74629

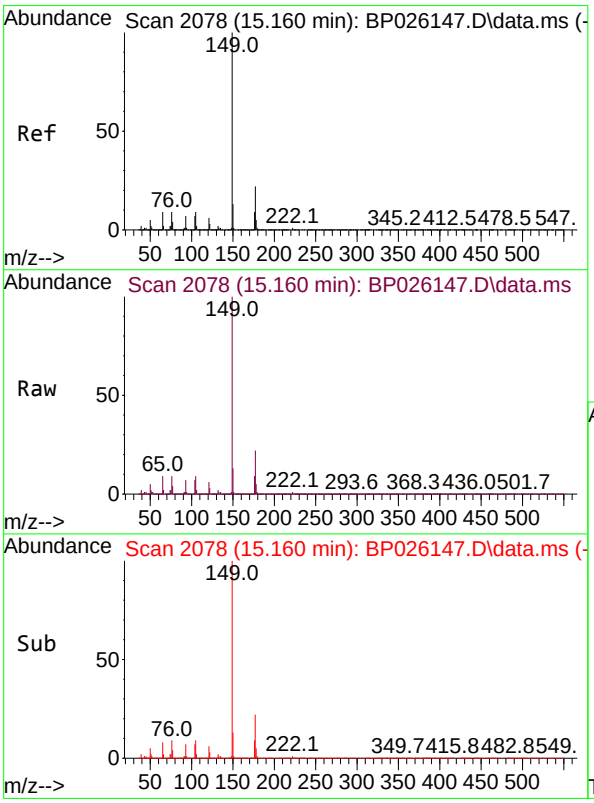
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.2 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.8 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

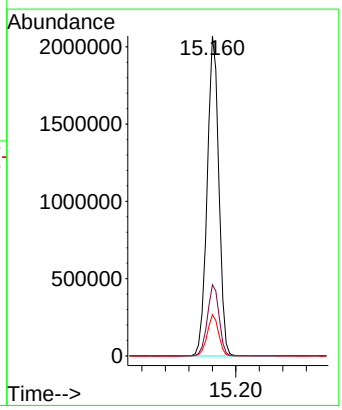
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

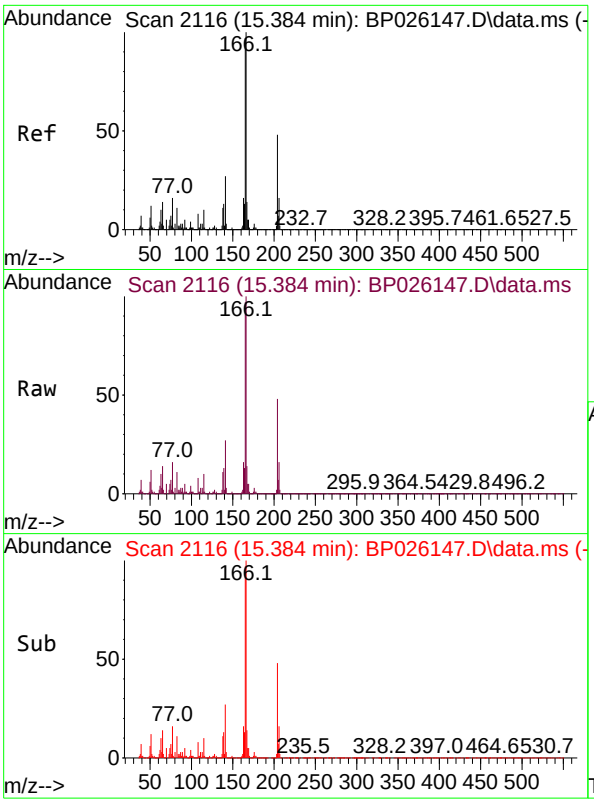



#60
Diethylphthalate
Concen: 40.313 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 2841743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.9 | 26.9 |
| 150 | 12.9 | 9.9 | 14.9 |

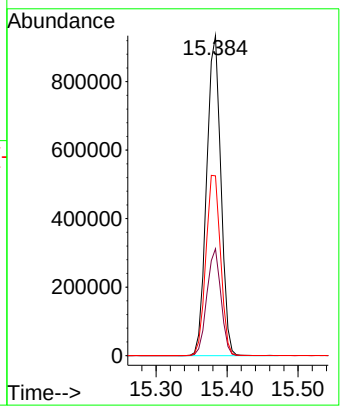





#61
4-Chlorophenyl-phenylether
Concen: 39.576 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:204 Resp: 129332

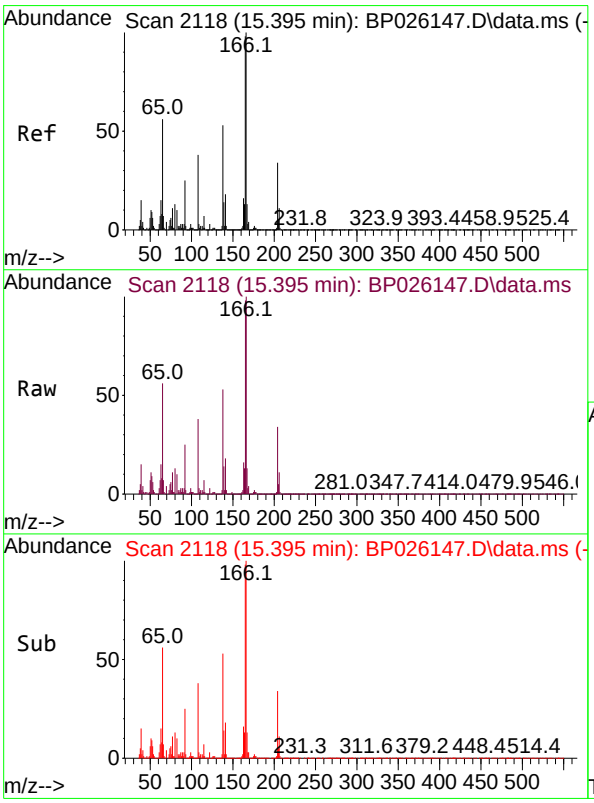
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 26.2 | 39.2 |
| 141 | 56.2 | 48.1 | 72.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

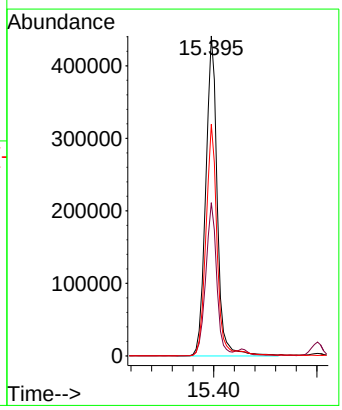
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

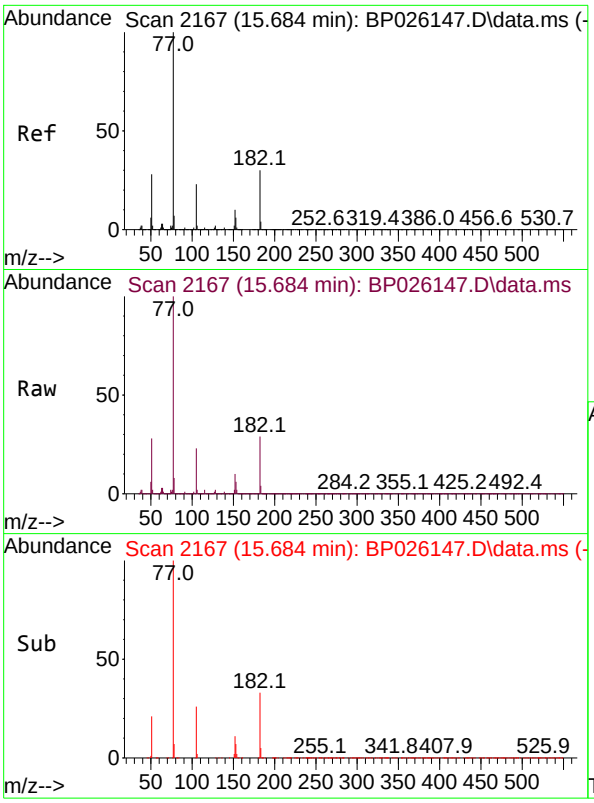



#62
4-Nitroaniline
Concen: 40.085 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:138 Resp: 681705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.9 | 27.5 | 67.5 |
| 108 | 72.4 | 51.1 | 91.1 |

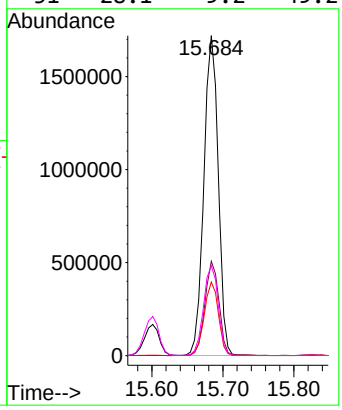





#63
Azobenzene
Concen: 40.665 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 77 Resp: 240836

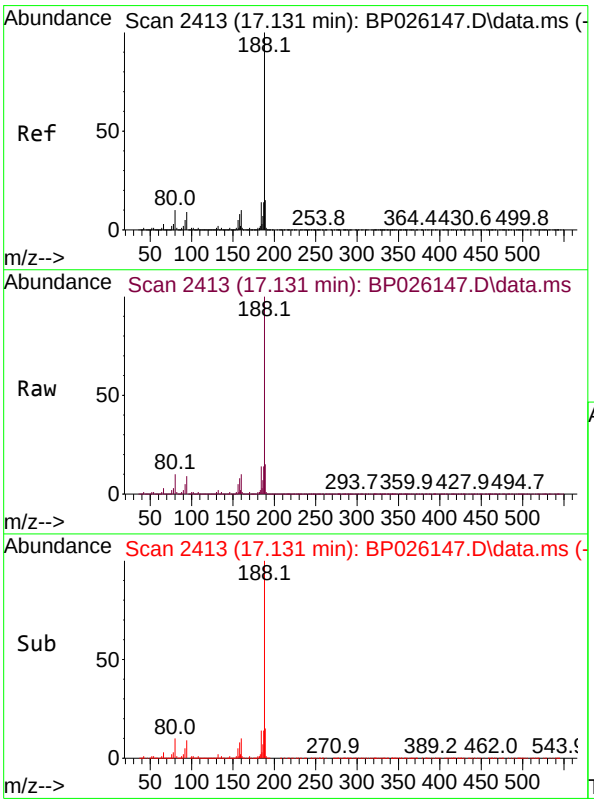
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.5 | 8.8 | 48.8 |
| 105 | 23.0 | 2.6 | 42.6 |
| 51 | 28.1 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

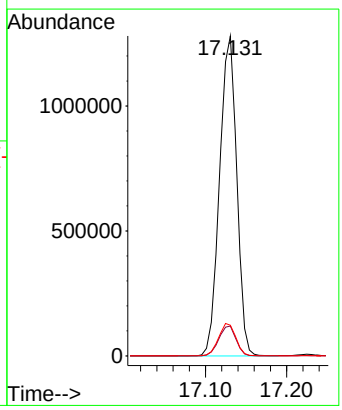
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

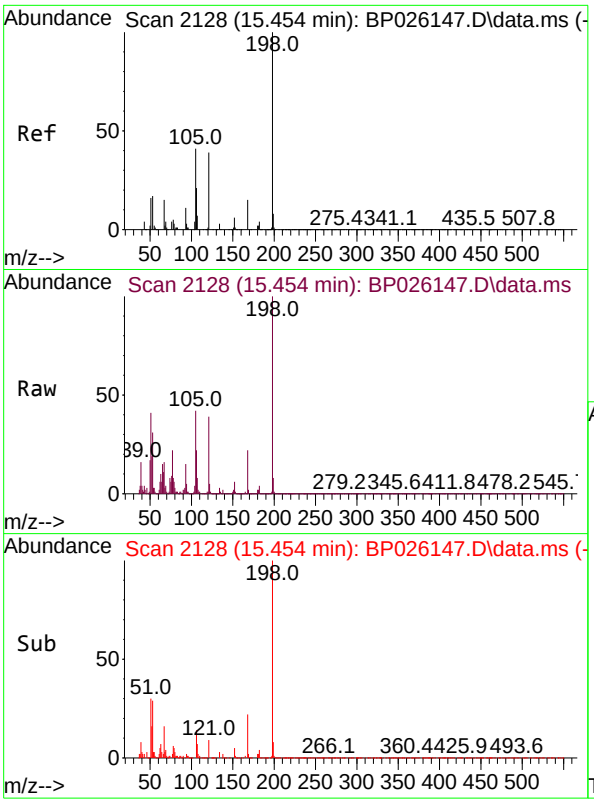



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:188 Resp: 1878028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 7.8 | 11.6 |
| 80 | 9.6 | 8.2 | 12.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 42.621 ng
RT: 15.454 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

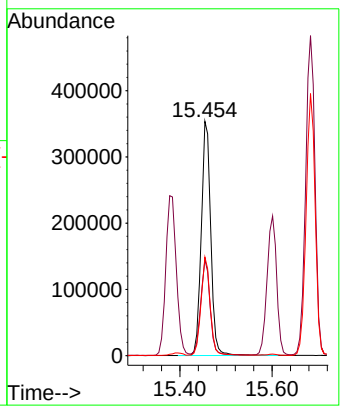
Tgt Ion:198 Resp: 50371

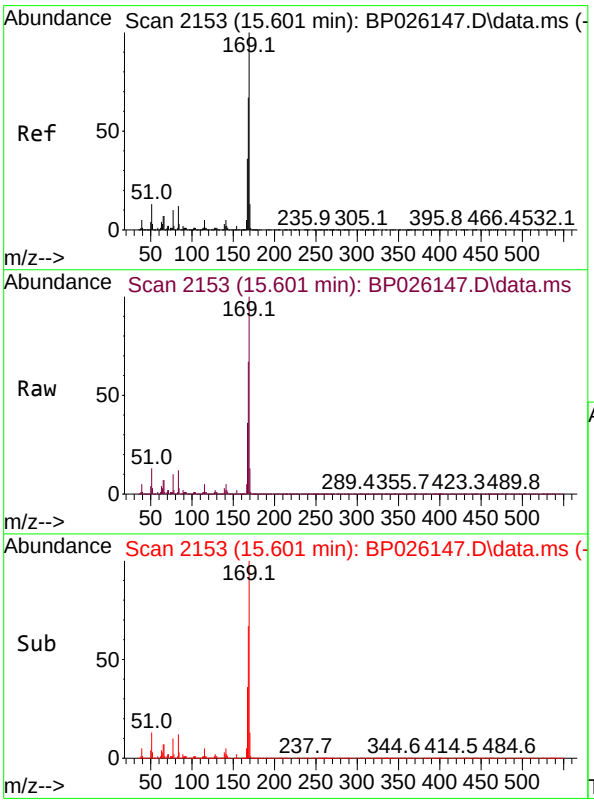
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.9 | 18.4 | 58.4 |
| 105 | 42.0 | 18.5 | 58.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

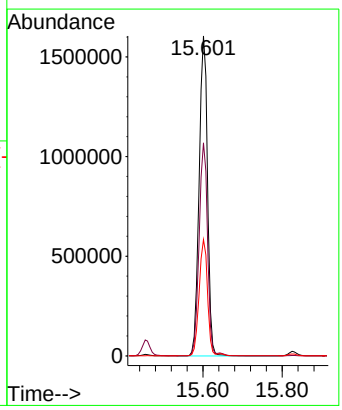


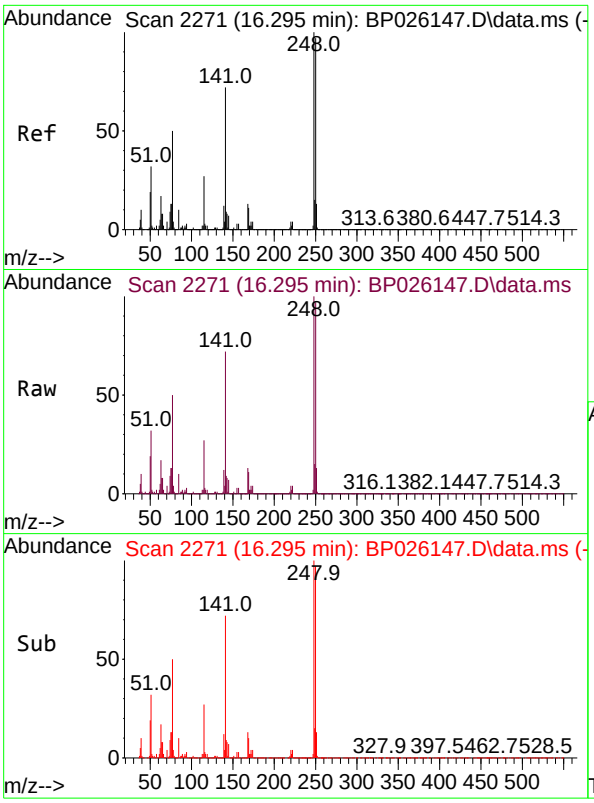




#66
n-Nitrosodiphenylamine
Concen: 40.344 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:169 Resp: 2344222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.6 | 53.1 | 79.7 |
| 167 | 36.3 | 28.9 | 43.3 |






#67
4-Bromophenyl-phenylether
Concen: 41.519 ng
RT: 16.295 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

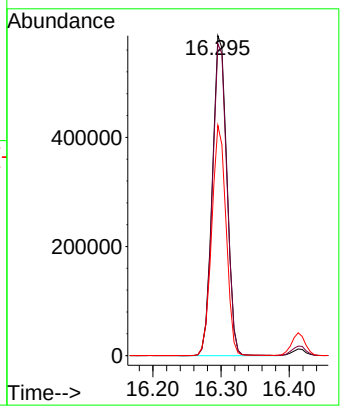
**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

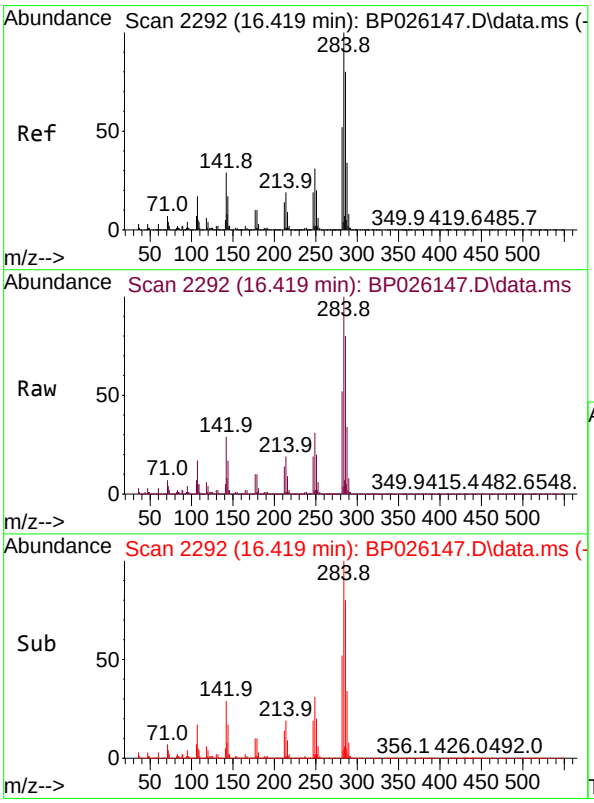
Tgt Ion:248 Resp: 86169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 77.8 | 116.6 |
| 141 | 71.9 | 55.4 | 83.0 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

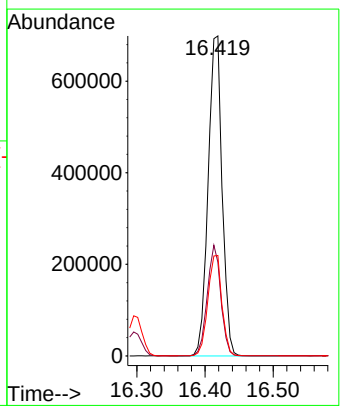


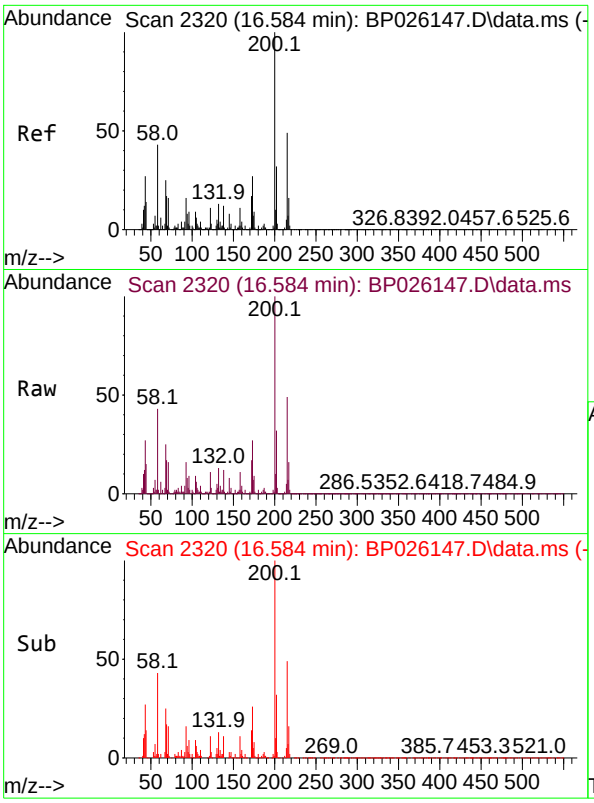




#68
Hexachlorobenzene
Concen: 41.466 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:284 Resp: 994319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.3 | 28.0 | 42.0 |
| 249 | 31.4 | 25.0 | 37.4 |

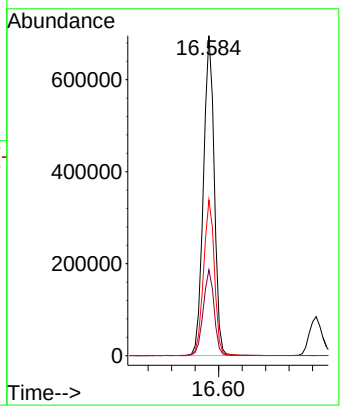





#69
Atrazine
Concen: 40.815 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:200 Resp: 89306

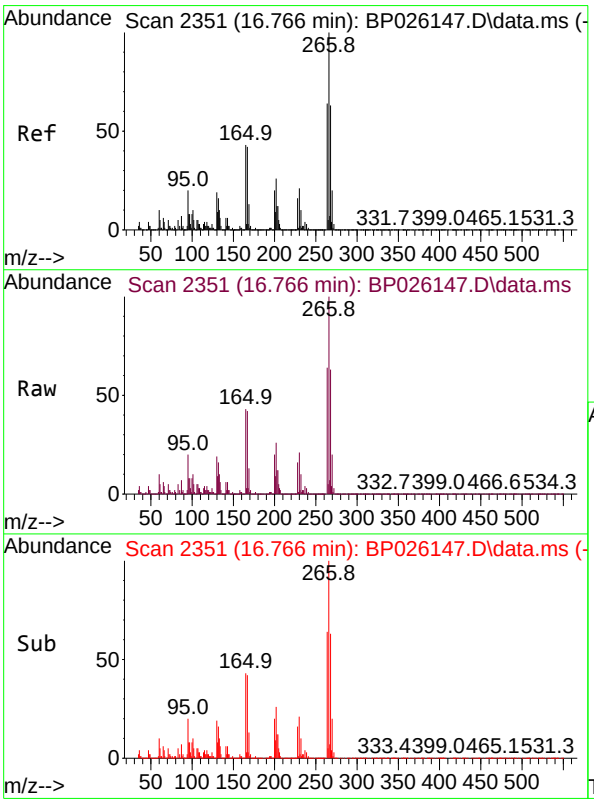
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.8 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

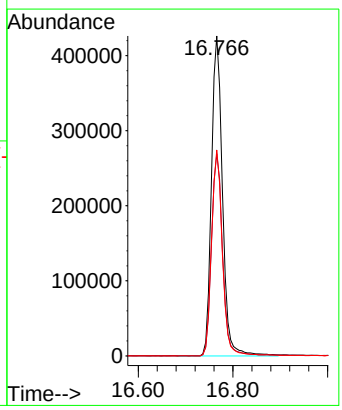
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

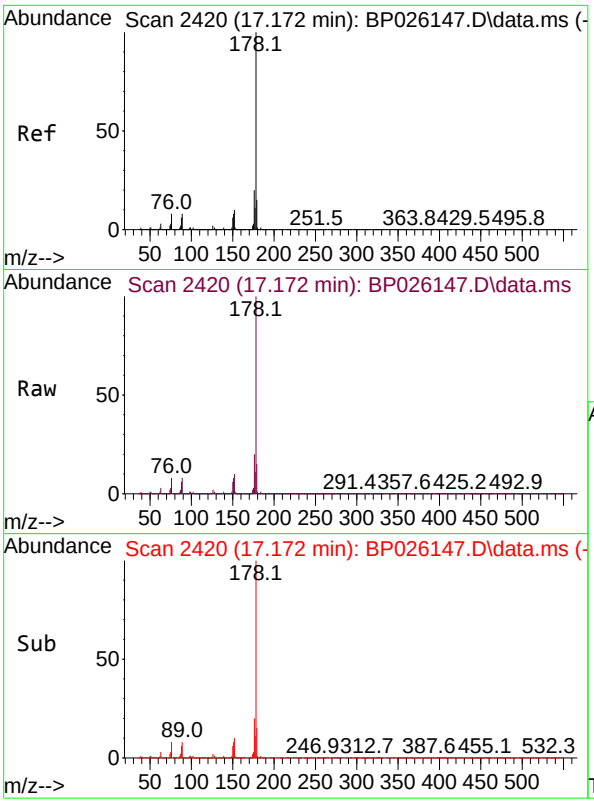



#70
Pentachlorophenol
Concen: 40.947 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:266 Resp: 688877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.2 | 51.0 | 76.4 |
| 264 | 64.3 | 50.2 | 75.2 |

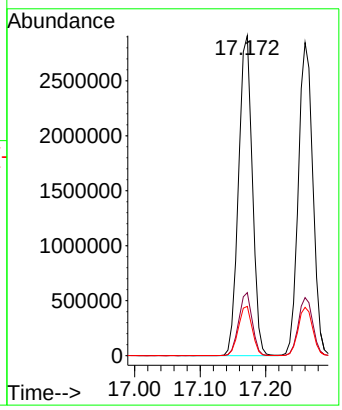





#71
Phenanthrene
Concen: 39.682 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:178 Resp: 421615

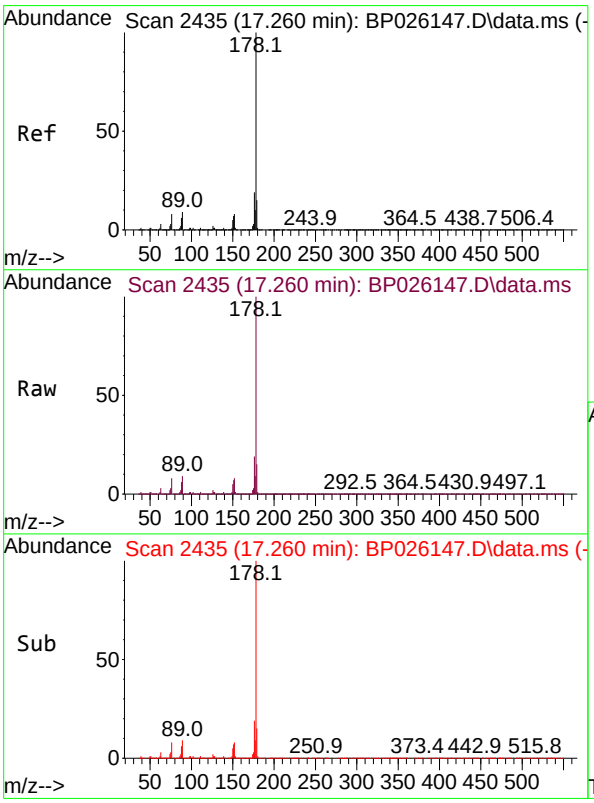
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.4 | 23.2 |
| 179 | 15.4 | 12.4 | 18.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

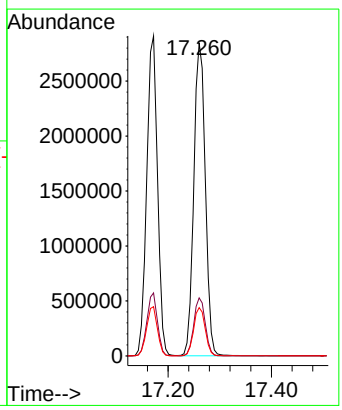
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

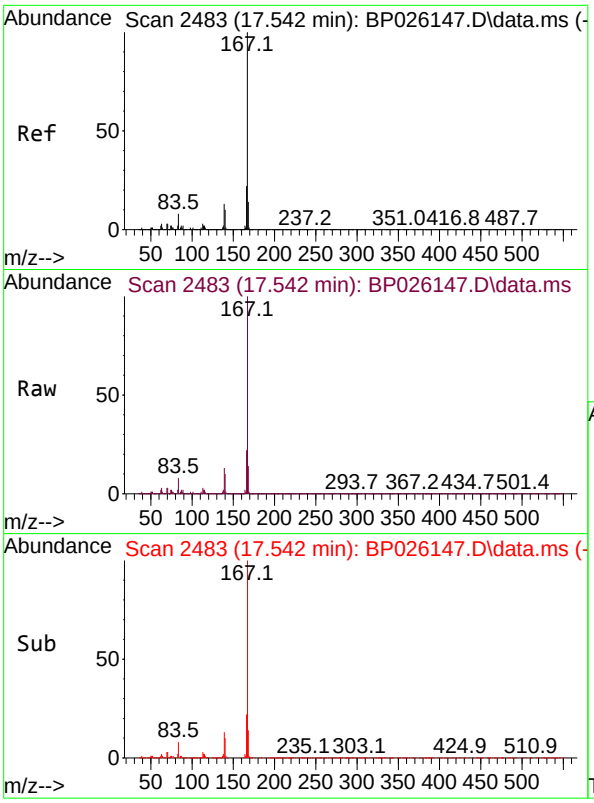



#72
Anthracene
Concen: 40.544 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:178 Resp: 4399641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.8 | 22.2 |
| 179 | 15.4 | 12.2 | 18.4 |

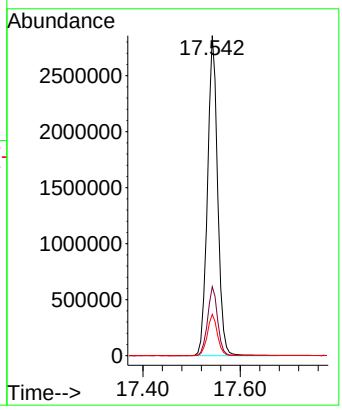





#73
Carbazole
Concen: 40.424 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:167 Resp: 414984

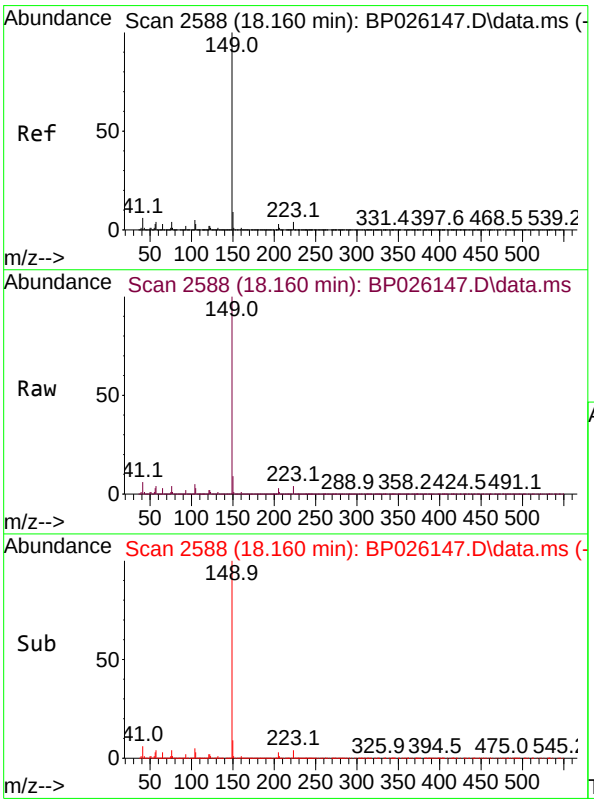
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.5 | 17.1 | 25.7 |
| 139 | 12.9 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

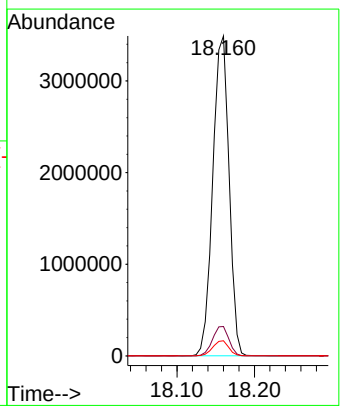
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

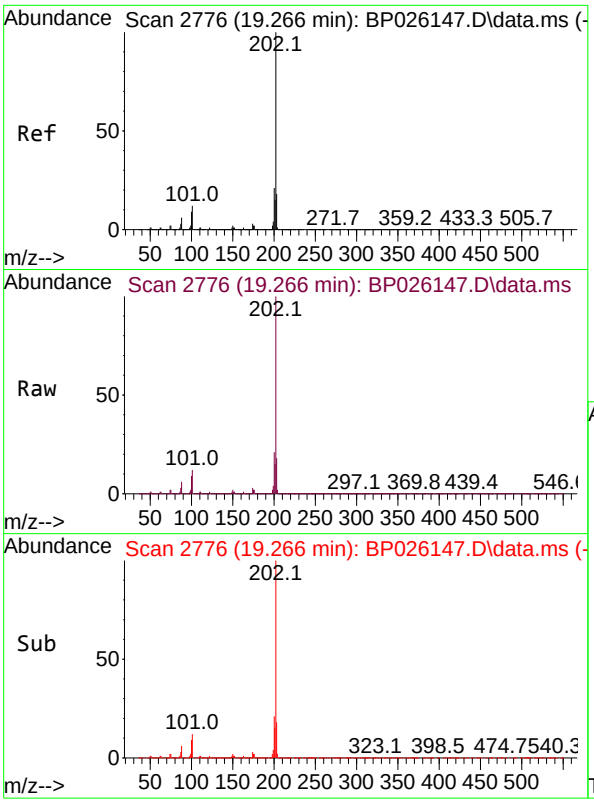



#74
Di-n-butylphthalate
Concen: 41.877 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 5102416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.5 | 11.3 |
| 104 | 4.7 | 3.6 | 5.4 |

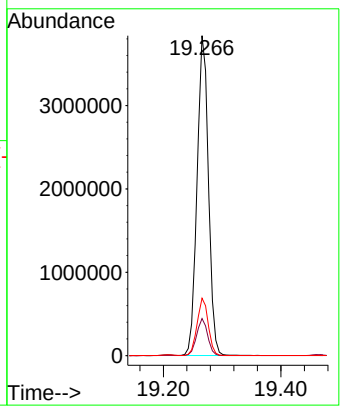





#75
Fluoranthene
Concen: 39.601 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:202 Resp: 514258

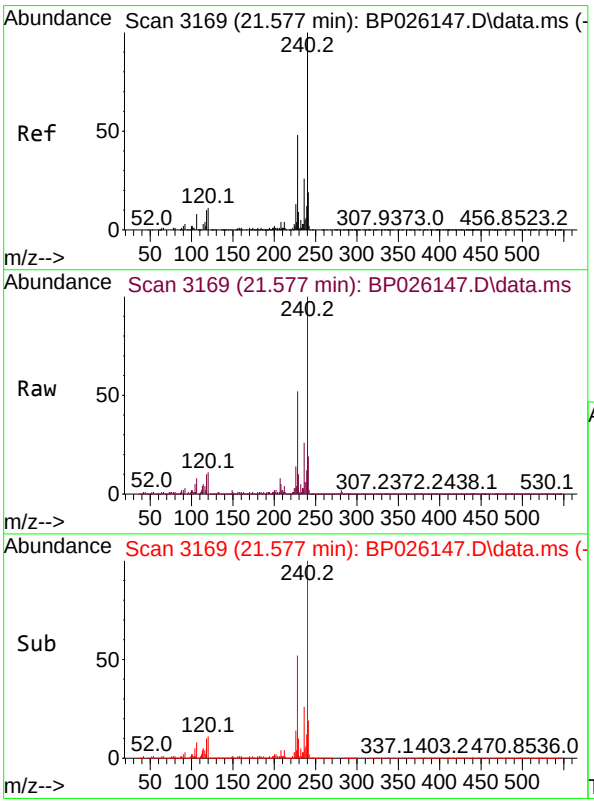
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.6 | 0.0 | 31.2 |
| 203 | 17.9 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

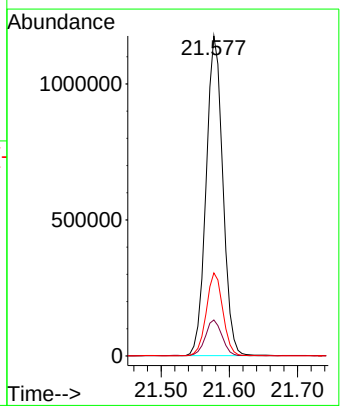
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

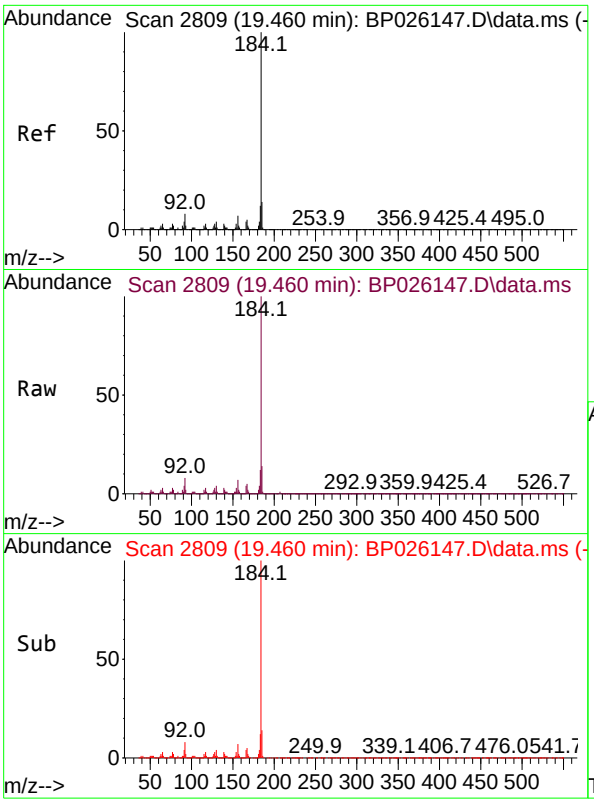



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:240 Resp: 1999579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 9.0 | 13.4 |
| 236 | 25.9 | 20.4 | 30.6 |

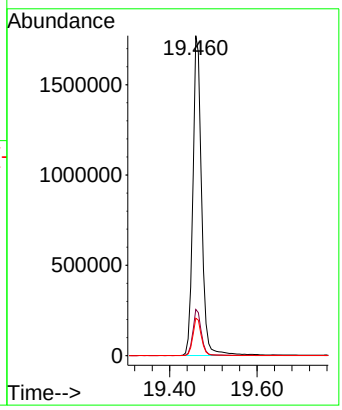





#77
Benzidine
Concen: 40.014 ng
RT: 19.460 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:184 Resp: 246280

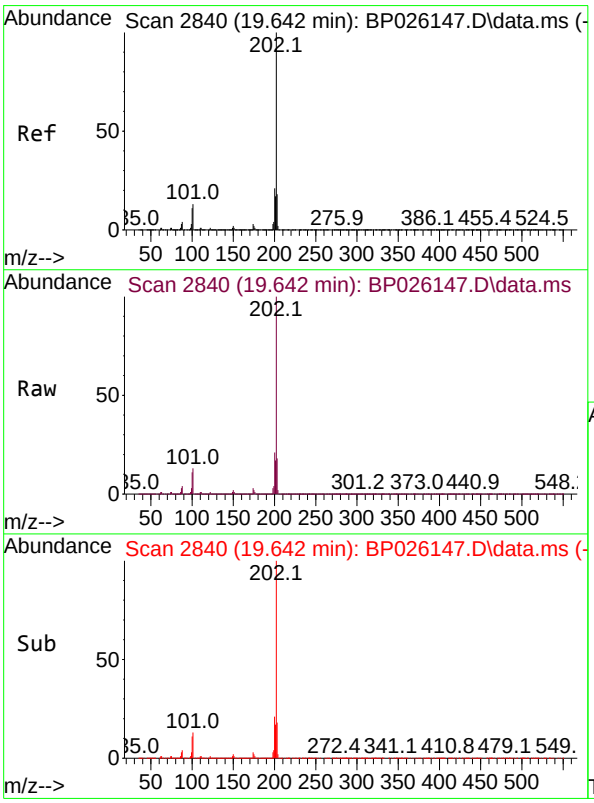
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.3 | 16.9 |
| 183 | 11.7 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

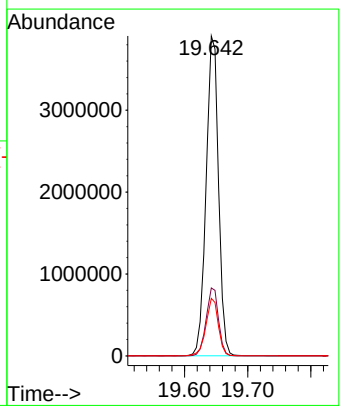
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

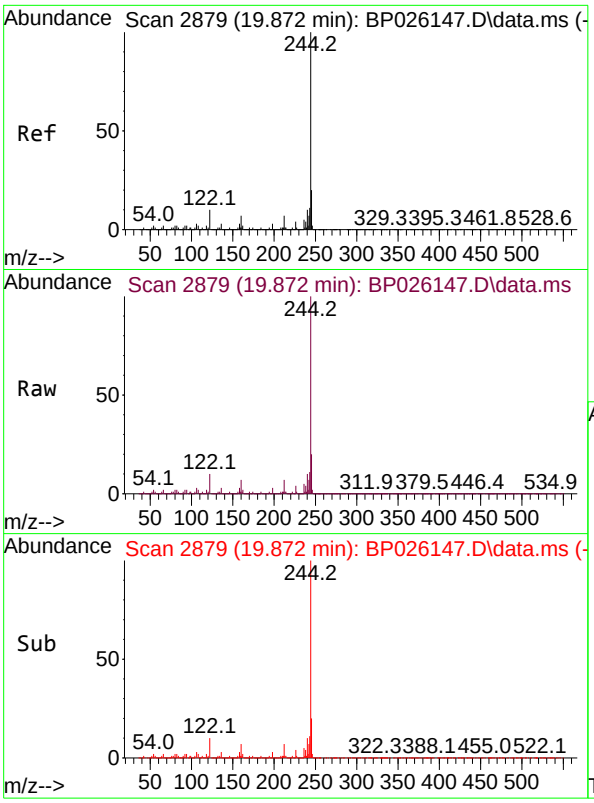



#78
Pyrene
Concen: 40.857 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:202 Resp: 5323064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 16.9 | 25.3 |
| 203 | 18.0 | 13.8 | 20.8 |






#79
Terphenyl-d14
Concen: 80.792 ng
RT: 19.872 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

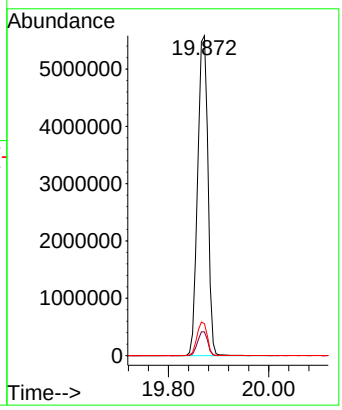
**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

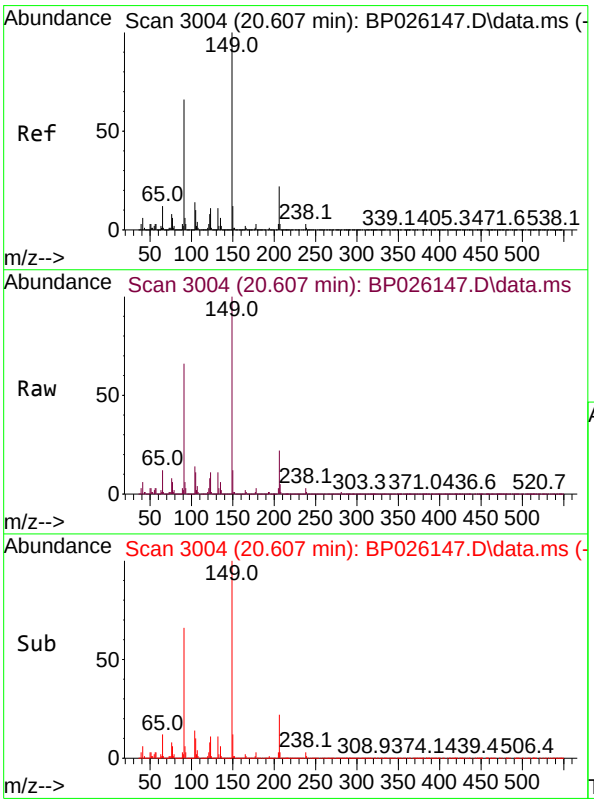
Tgt Ion:244 Resp: 792201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.8 |
| 122 | 10.0 | 8.2 | 12.2 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

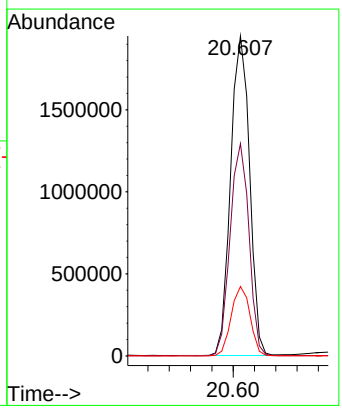


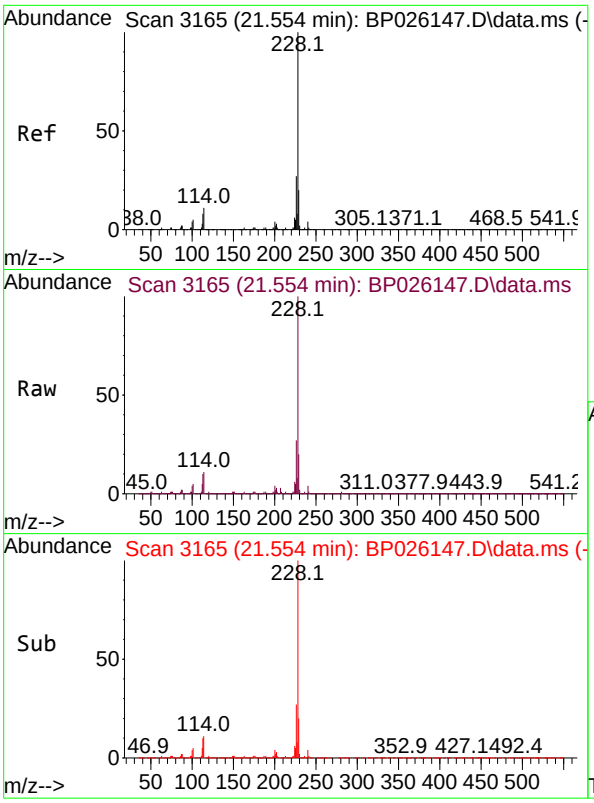




#80
Butylbenzylphthalate
Concen: 41.564 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 2411743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.4 | 52.6 | 79.0 |
| 206 | 21.7 | 16.9 | 25.3 |

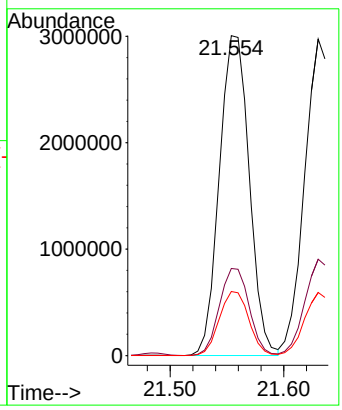





#81
Benzo(a)anthracene
Concen: 40.116 ng
RT: 21.554 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:228 Resp: 550127

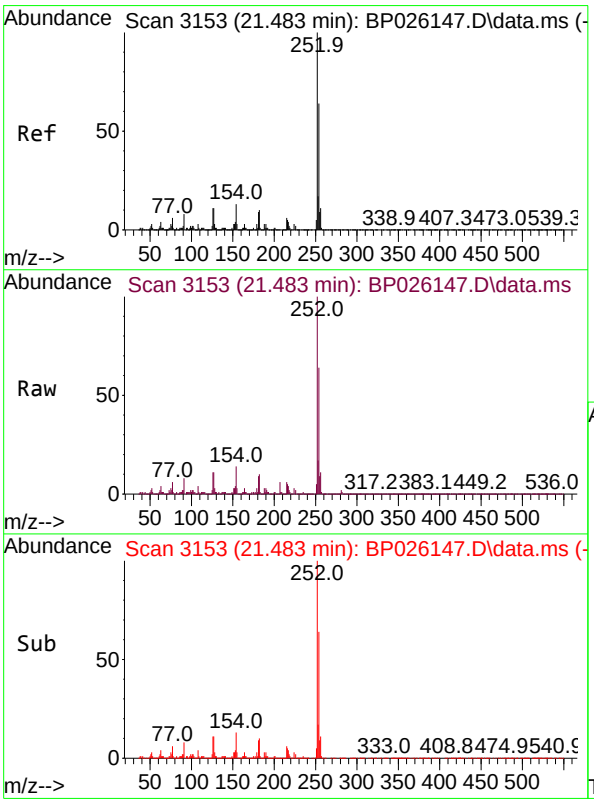
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.8 | 32.8 |
| 229 | 20.0 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

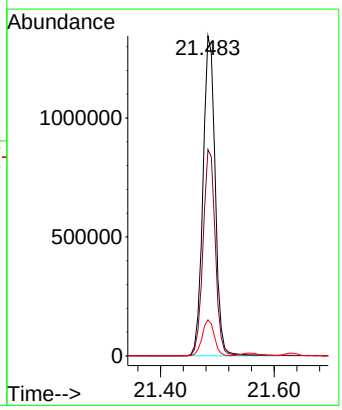
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

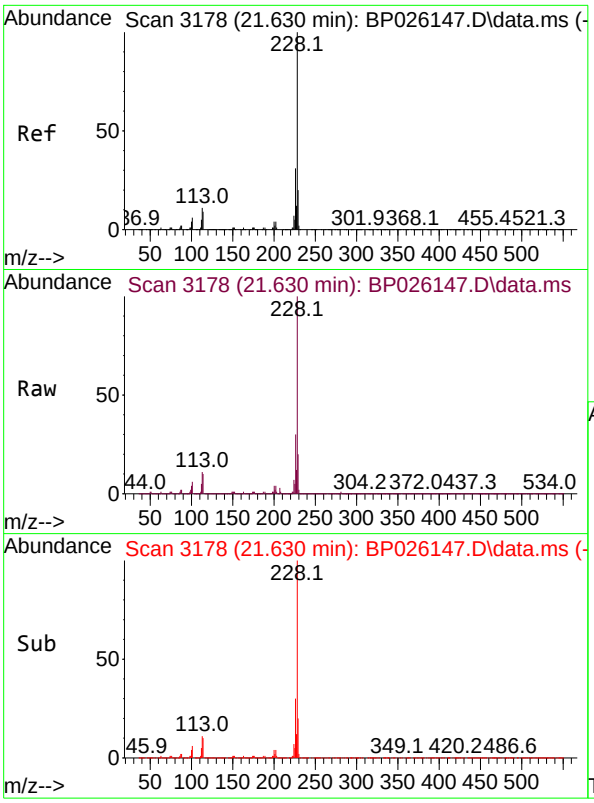



#82
3,3'-Dichlorobenzidine
Concen: 40.145 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 2000641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.5 | 51.2 | 76.8 |
| 126 | 11.3 | 8.2 | 12.4 |

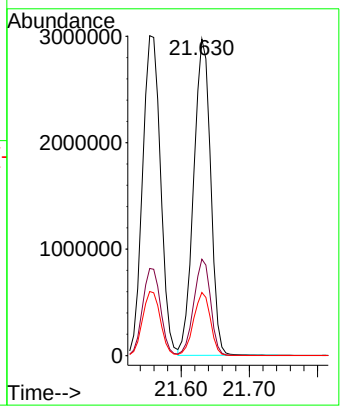





#83
Chrysene
Concen: 39.774 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:228 Resp: 513512

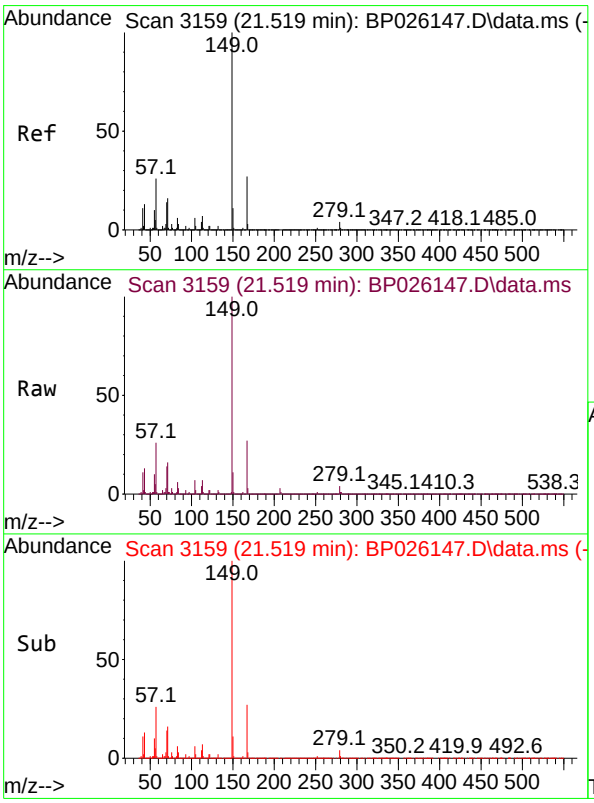
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 23.9 | 35.9 |
| 229 | 19.9 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

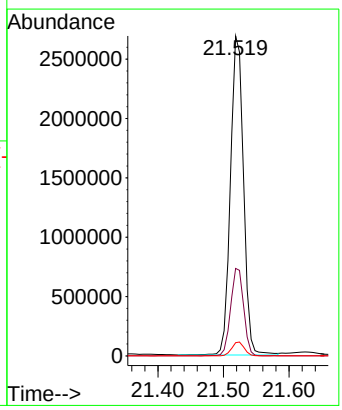
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

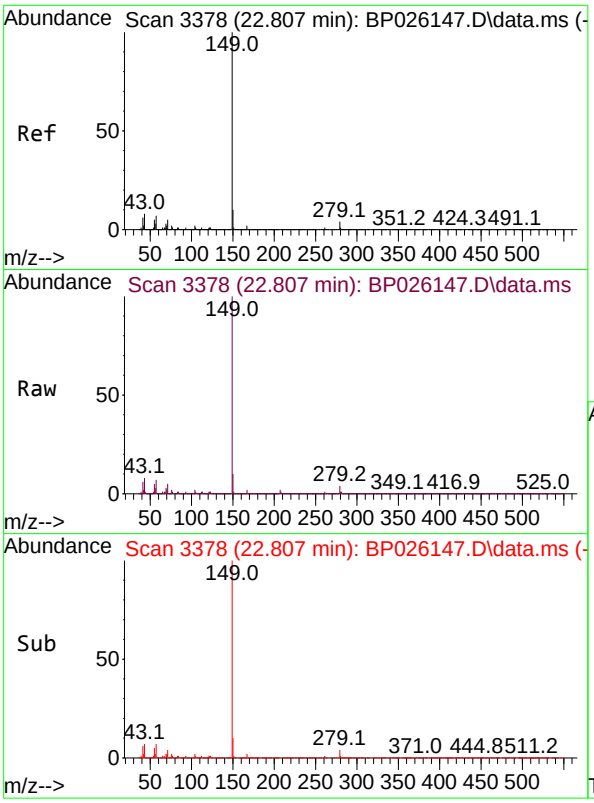



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.841 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 3731352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 22.1 | 33.1 |
| 279 | 4.1 | 3.3 | 4.9 |

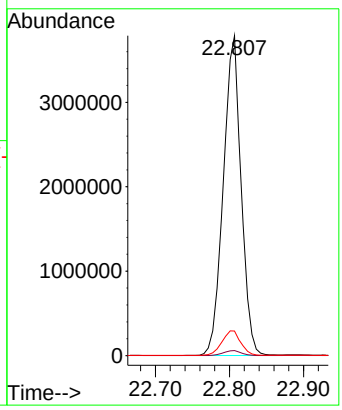





#85
Di-n-octyl phthalate
Concen: 41.246 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 632217

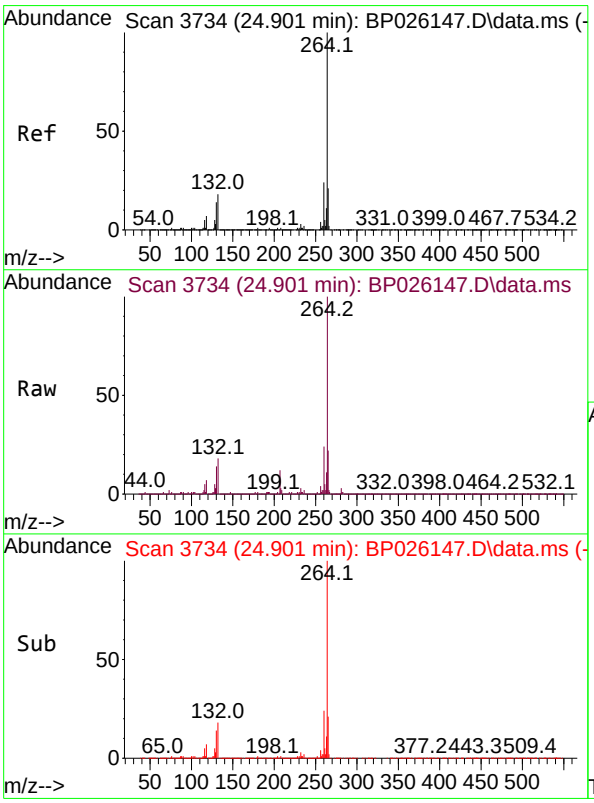
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.1 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

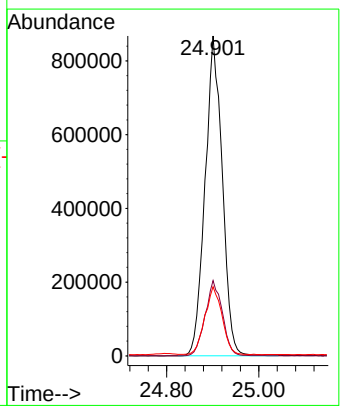
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

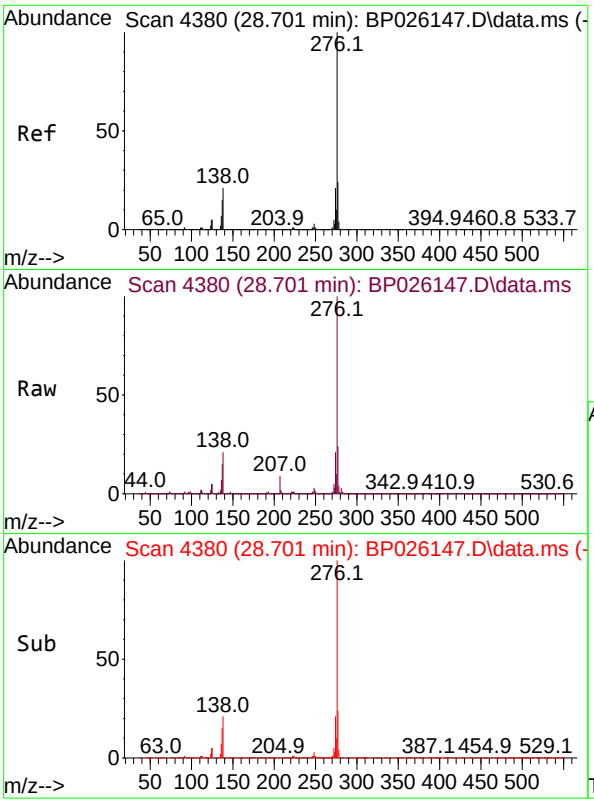



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:264 Resp: 2243799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.7 | 28.1 |
| 265 | 21.6 | 17.5 | 26.3 |

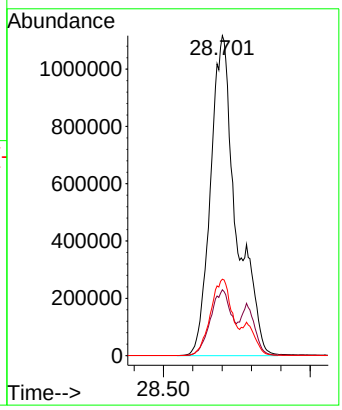





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.563 ng m
RT: 28.701 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:276 Resp: 678031

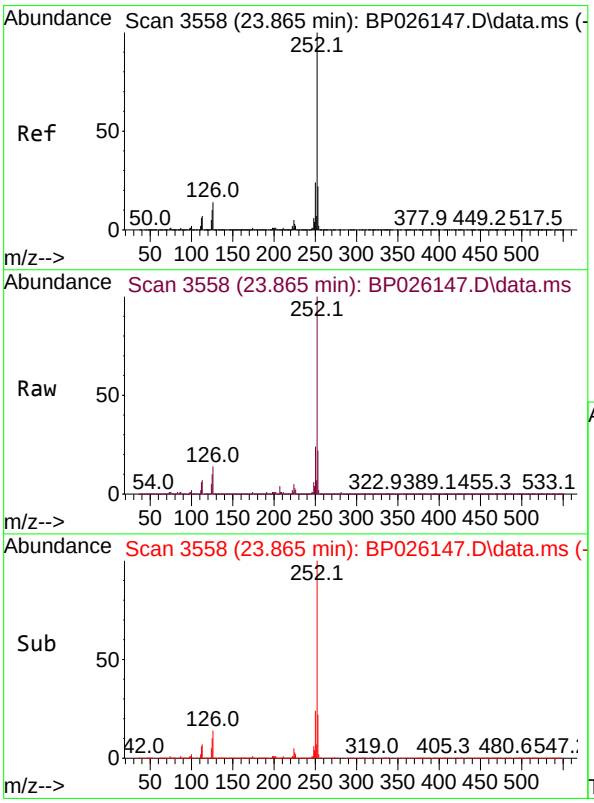
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.7 | 13.8 | 20.8 |
| 277 | 20.1 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

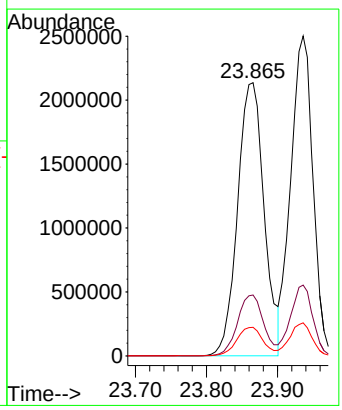
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

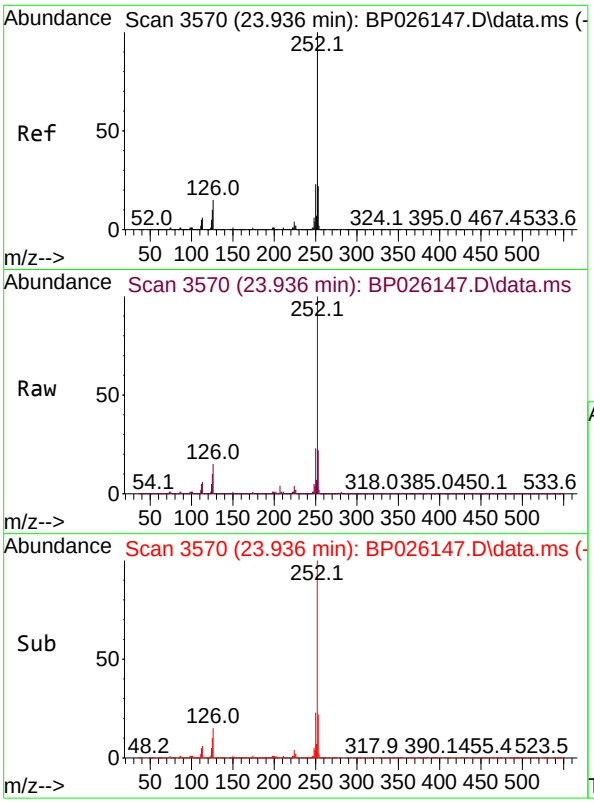



#88
Benzo(b)fluoranthene
Concen: 40.699 ng
RT: 23.865 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 5552010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.6 | 26.4 |
| 125 | 10.5 | 8.2 | 12.4 |

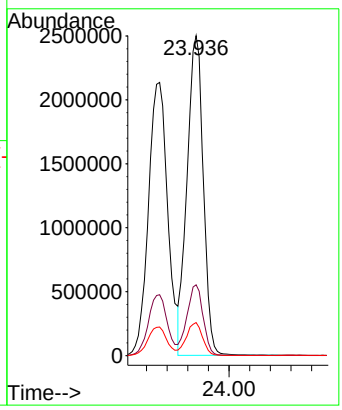





#89
Benzo(k)fluoranthene
Concen: 39.935 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 544457

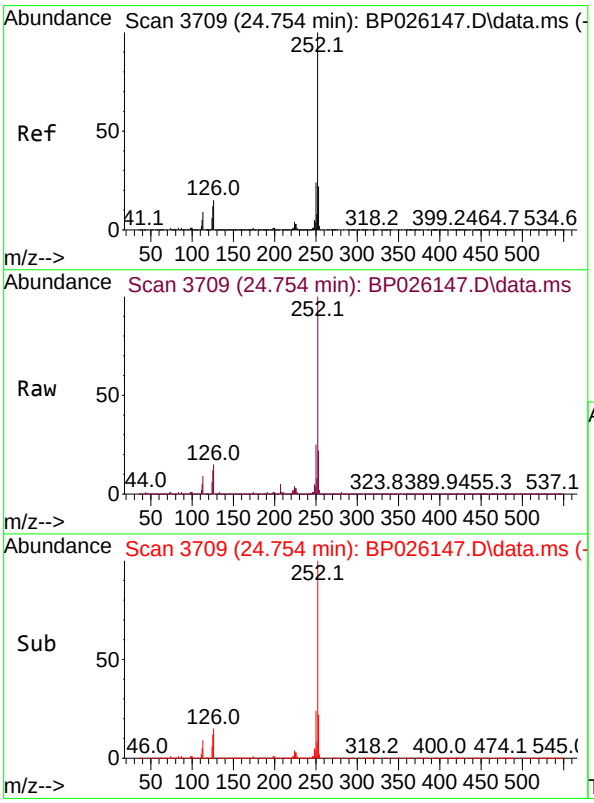
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.3 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

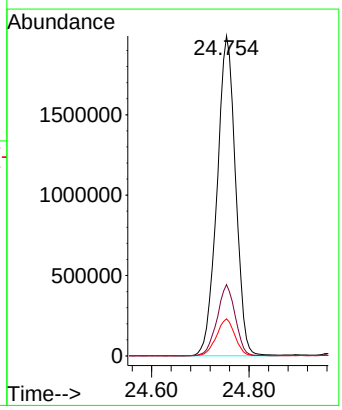
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

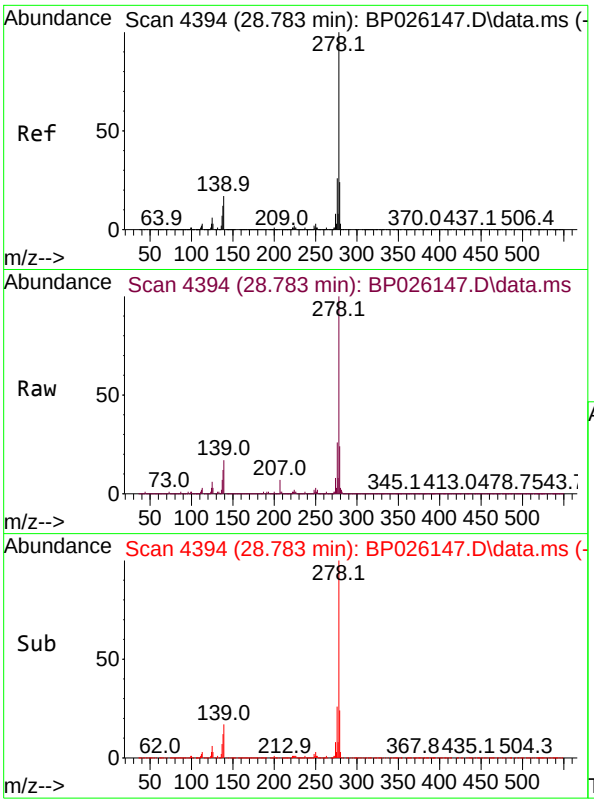



#90
Benzo(a)pyrene
Concen: 40.506 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:252 Resp: 5241553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.2 |
| 125 | 11.6 | 9.0 | 13.6 |

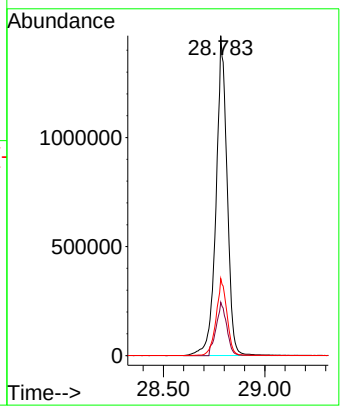





#91
Dibenzo(a,h)anthracene
Concen: 40.515 ng
RT: 28.783 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:278 Resp: 555050

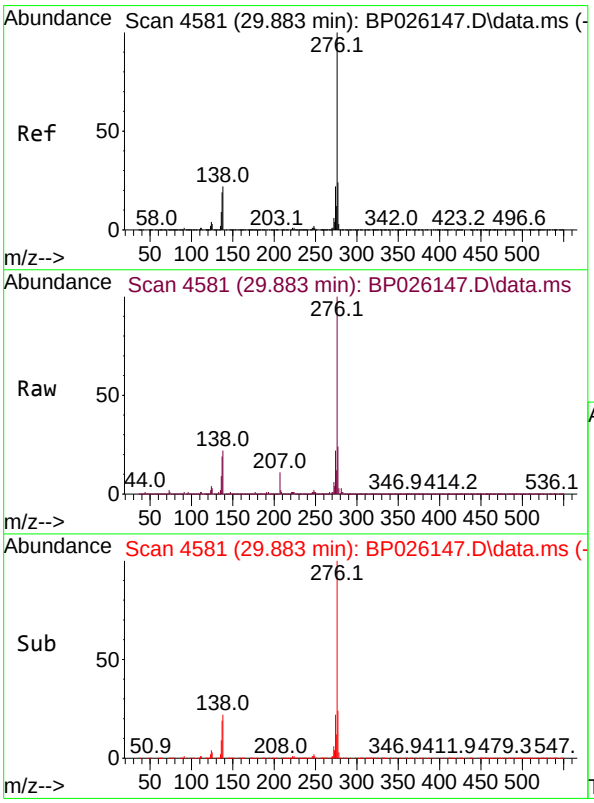
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 13.2 | 19.8 |
| 279 | 24.1 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations**
**APPROVED**

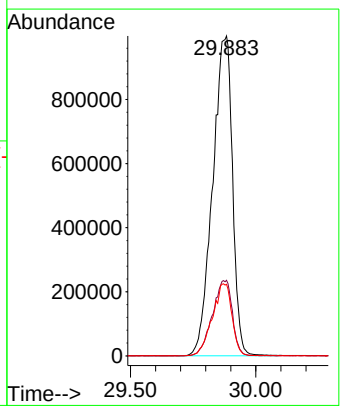
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 40.345 ng
RT: 29.883 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:276 Resp: 5486208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.8 | 28.2 |
| 138 | 22.4 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.666 | 152 | 284760 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1214236 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 797553 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1640808 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1705823 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.912 | 264 | 1916962 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 1787355 | 103.554 | ng | | 0.00 |
| 7) Phenol-d6 | 6.849 | 99 | 2324244 | 106.156 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 2130648 | 108.572 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.836 | 330 | 1046471 | 119.774 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 5250598 | 94.988 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.877 | 244 | 8280260 | 98.986 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 357043 | 49.304 | ng | | 100 |
| 3) Pyridine | 3.614 | 79 | 1057361 | 51.355 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 393135 | 48.177 | ng | | 95 |
| 6) Aniline | 7.002 | 93 | 1522371 | 52.159 | ng | | 99 |
| 8) 2-Chlorophenol | 7.243 | 128 | 1033720 | 54.061 | ng | | 100 |
| 9) Benzaldehyde | 6.819 | 77 | 511940 | 46.418 | ng | | 97 |
| 10) Phenol | 6.878 | 94 | 1252505 | 51.731 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 970673 | 50.634 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.560 | 146 | 1088080 | 49.825 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 1100252 | 49.770 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 1053763 | 49.909 | ng | | 99 |
| 15) Benzyl Alcohol | 7.907 | 79 | 849842 | 53.672 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 1369615 | 47.705 | ng | | 99 |
| 17) 2-Methylphenol | 8.107 | 107 | 855650 | 53.750 | ng | | 100 |
| 18) Hexachloroethane | 8.743 | 117 | 401949 | 52.632 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 739380 | 54.488 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 1173430 | 53.045 | ng | | 99 |
| 22) Acetophenone | 8.484 | 105 | 1530333 | 49.988 | ng | # | 99 |
| 24) Nitrobenzene | 8.855 | 77 | 1083333 | 52.708 | ng | | 99 |
| 25) Isophorone | 9.384 | 82 | 2155778 | 51.899 | ng | | 100 |
| 26) 2-Nitrophenol | 9.560 | 139 | 575059 | 81.975 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 996274 | 56.199 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.860 | 93 | 1340577 | 51.133 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 1002063 | 54.165 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.307 | 180 | 986319 | 49.160 | ng | | 99 |
| 31) Naphthalene | 10.496 | 128 | 3258341 | 49.431 | ng | | 99 |
| 32) Benzoic acid | 9.766 | 122 | 836318 | 78.248 | ng | | 100 |
| 33) 4-Chloroaniline | 10.596 | 127 | 1404875 | 54.856 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 639671 | 49.818 | ng | | 99 |
| 35) Caprolactam | 11.384 | 113 | 356958 | 55.200 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 1079361 | 55.785 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 2347741 | 50.940 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.325 | 142 | 2264098 | 50.528 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216 | 1184632 | 47.999 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.472 | 237 | 789794 | 76.949 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 837942 | 56.757 | ng | | 98 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.795 | 196 | 934561 | 55.717 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.131 | 154 | 2928877 | 48.177 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.172 | 162 | 2321684 | 48.576 | ng | | 99 |
| 48) 2-Nitroaniline | 13.372 | 65 | 669977 | 60.939 | ng | | 96 |
| 49) Acenaphthylene | 14.031 | 152 | 3873345 | 54.828 | ng | | 100 |
| 50) Dimethylphthalate | 13.766 | 163 | 2930655 | 50.746 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.878 | 165 | 622671 | 64.134 | ng | | 98 |
| 52) Acenaphthene | 14.384 | 154 | 2275322 | 48.135 | ng | | 99 |
| 53) 3-Nitroaniline | 14.213 | 138 | 725831 | 61.795 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.419 | 184 | 372594 | 83.625 | ng | | 95 |
| 55) Dibenzofuran | 14.725 | 168 | 3514504 | 48.822 | ng | | 99 |
| 56) 4-Nitrophenol | 14.537 | 139 | 626548 | 53.593 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.684 | 165 | 925879 | 65.348 | ng | | 99 |
| 58) Fluorene | 15.389 | 166 | 2739619 | 48.440 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 791779 | 59.606 | ng | | 100 |
| 60) Diethylphthalate | 15.166 | 149 | 2976494 | 51.232 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.389 | 204 | 1378247 | 48.888 | ng | | 97 |
| 62) 4-Nitroaniline | 15.401 | 138 | 734482 | 58.965 | ng | | 100 |
| 63) Azobenzene | 15.689 | 77 | 2549241 | 48.803 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.460 | 198 | 539726 | 77.066 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.601 | 169 | 2501945 | 48.943 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.295 | 248 | 906367 | 49.759 | ng | | 98 |
| 68) Hexachlorobenzene | 16.419 | 284 | 1044994 | 50.429 | ng | | 98 |
| 69) Atrazine | 16.584 | 200 | 954570 | 54.471 | ng | | 98 |
| 70) Pentachlorophenol | 16.772 | 266 | 733498 | 56.819 | ng | | 99 |
| 71) Phenanthrene | 17.172 | 178 | 4521516 | 47.698 | ng | | 100 |
| 72) Anthracene | 17.260 | 178 | 4603902 | 48.679 | ng | | 100 |
| 73) Carbazole | 17.542 | 167 | 4285462 | 48.149 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.160 | 149 | 5349681 | 53.150 | ng | | 100 |
| 75) Fluoranthene | 19.266 | 202 | 5367252 | 48.317 | ng | | 100 |
| 77) Benzidine | 19.466 | 184 | 2691261 | 60.082 | ng | | 99 |
| 78) Pyrene | 19.648 | 202 | 5584319 | 49.020 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.613 | 149 | 2508473 | 65.680 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 5754455 | 49.402 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.483 | 252 | 2099346 | 54.722 | ng | | 99 |
| 83) Chrysene | 21.630 | 228 | 5399638 | 48.904 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 3735211 | 59.805 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.813 | 149 | 6624425 | 62.248 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.706 | 276 | 7108078 | 50.540 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.871 | 252 | 5855690 | 49.795 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.942 | 252 | 5812408 | 48.345 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.771 | 252 | 5498511 | 50.567 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.777 | 278 | 5794869 | 50.535 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.865 | 276 | 5679489 | 51.276 | ng | | 99 |

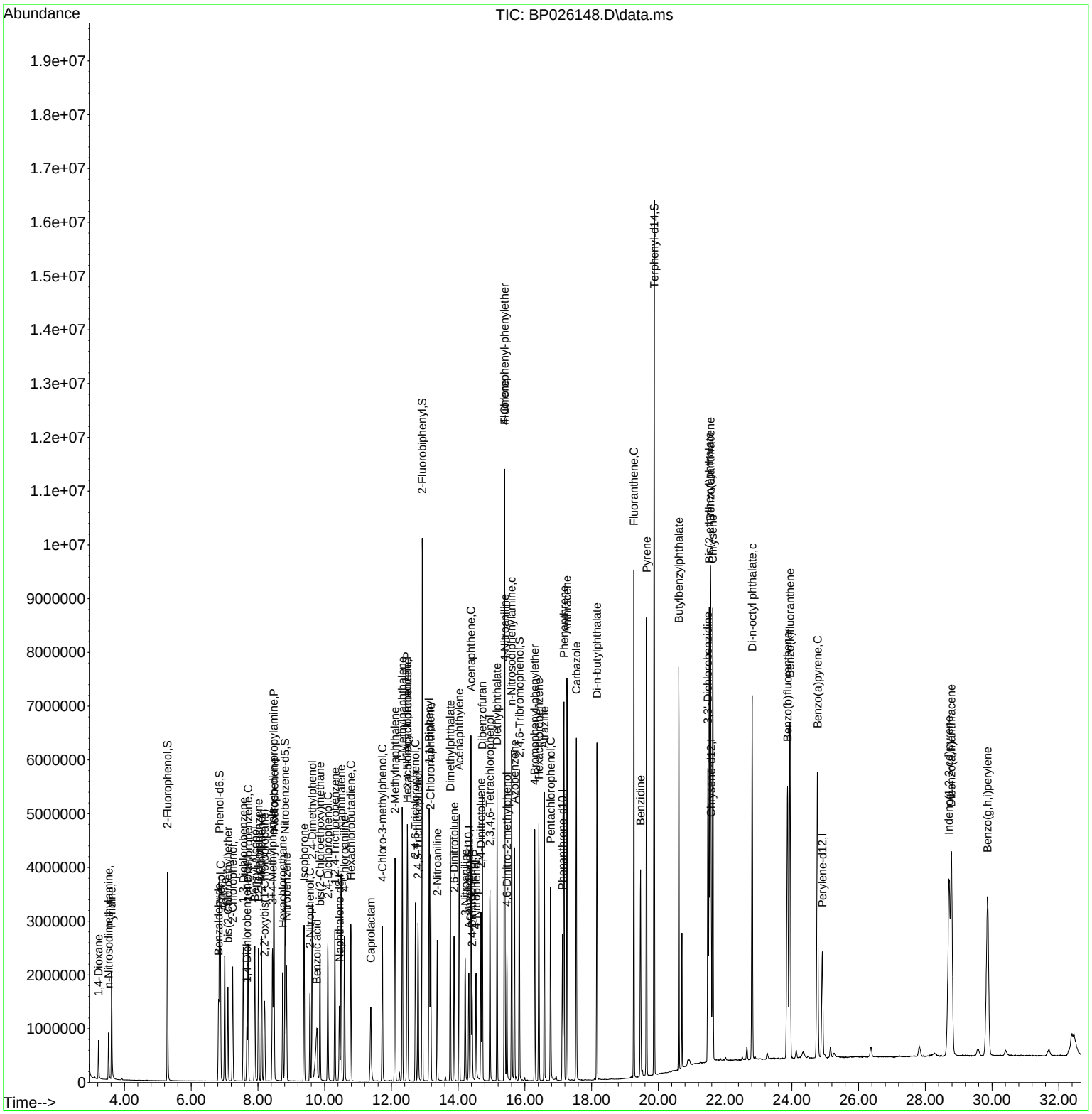
(#) = qualifier out of range (m) = manual integration (+) = signals summed

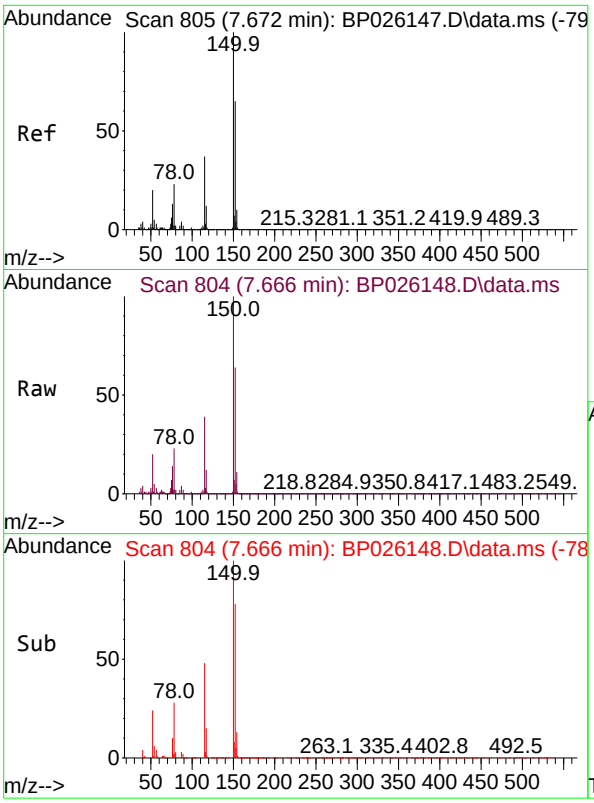
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026148.D
Acq On : 18 Nov 2025 18:38
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Quant Time: Nov 19 00:41:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



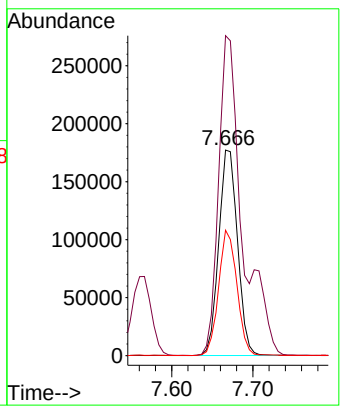


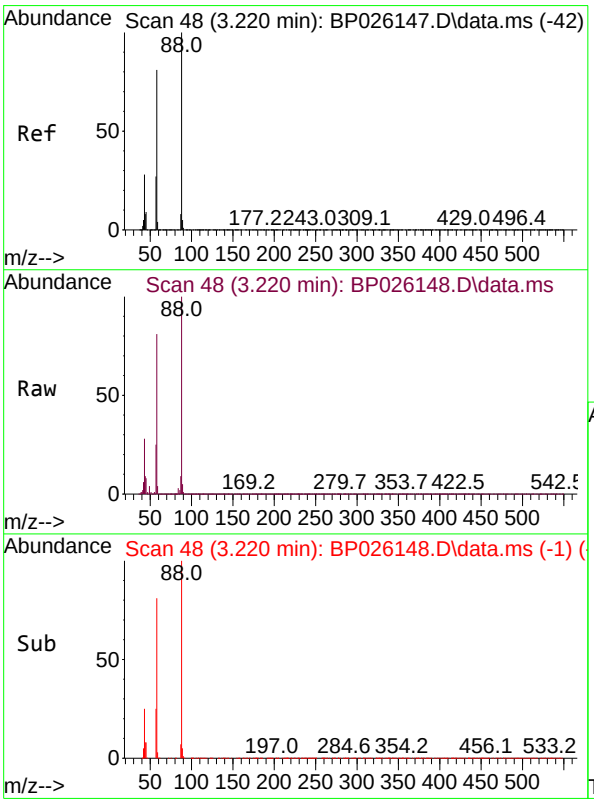

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 284760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 123.0 | 184.6 |
| 115 | 61.0 | 46.3 | 69.5 |

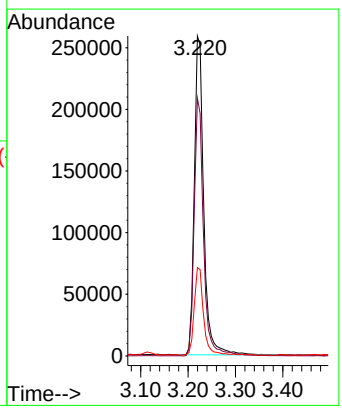


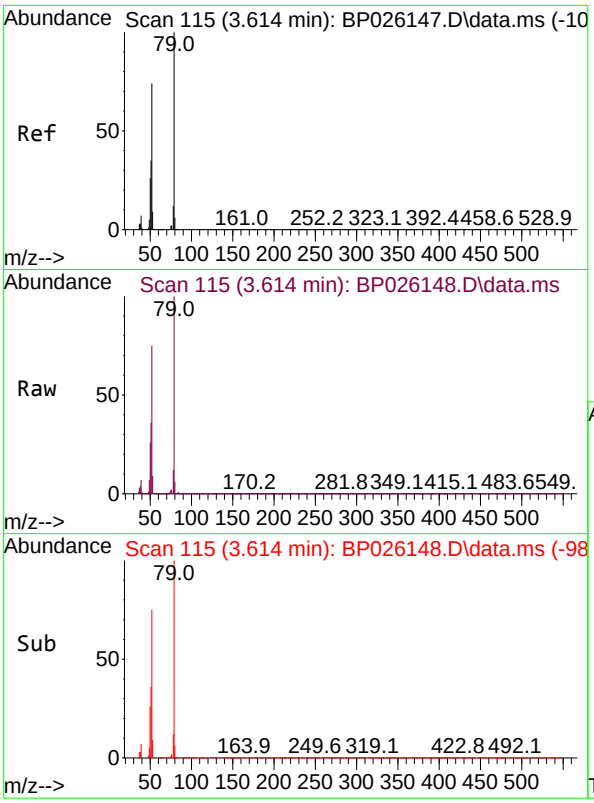




#2
1,4-Dioxane
Concen: 49.304 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 88 Resp: 357043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.2 | 64.2 | 96.4 |
| 43 | 27.0 | 21.5 | 32.3 |



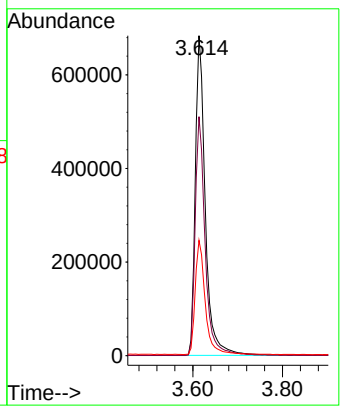


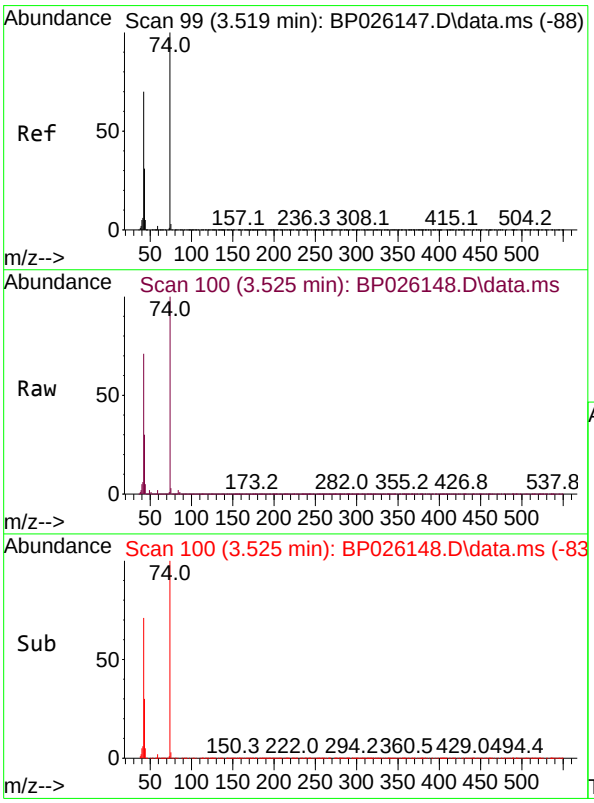

#3
Pyridine
Concen: 51.355 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 1057361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.7 | 60.2 | 90.2 |
| 51 | 36.0 | 29.5 | 44.3 |

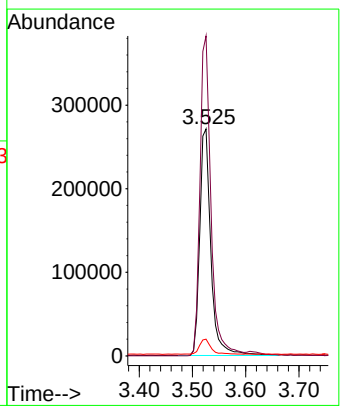


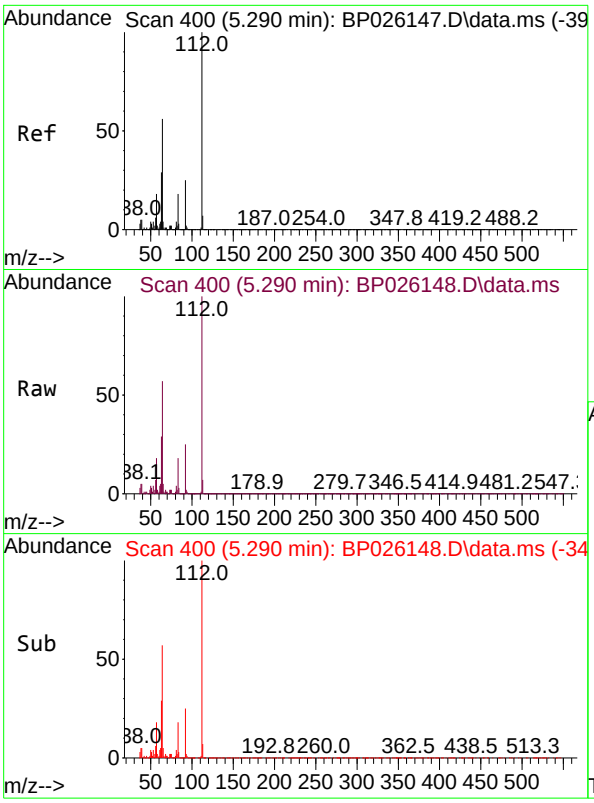




#4
n-Nitrosodimethylamine
Concen: 48.177 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 42 Resp: 393135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.0 | 118.1 | 177.1 |
| 44 | 7.4 | 6.2 | 9.4 |



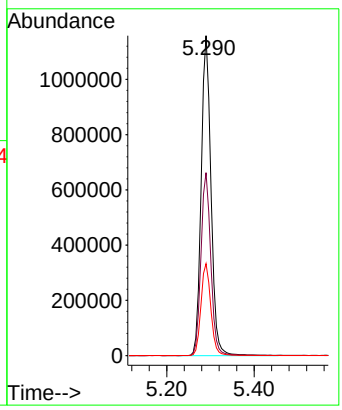


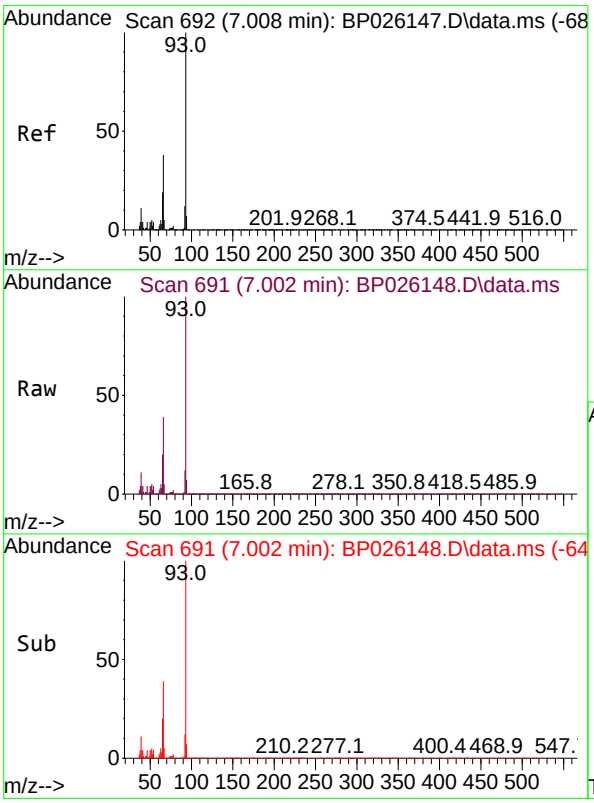

#5
2-Fluorophenol
Concen: 103.554 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:112 Resp: 1787355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.2 | 45.8 | 68.6 |
| 63 | 28.8 | 23.5 | 35.3 |

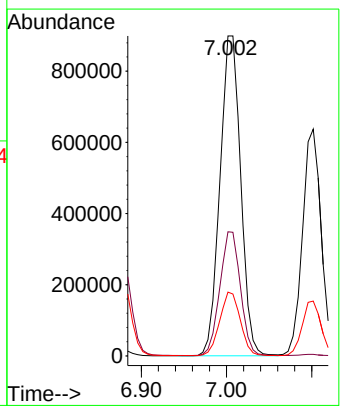


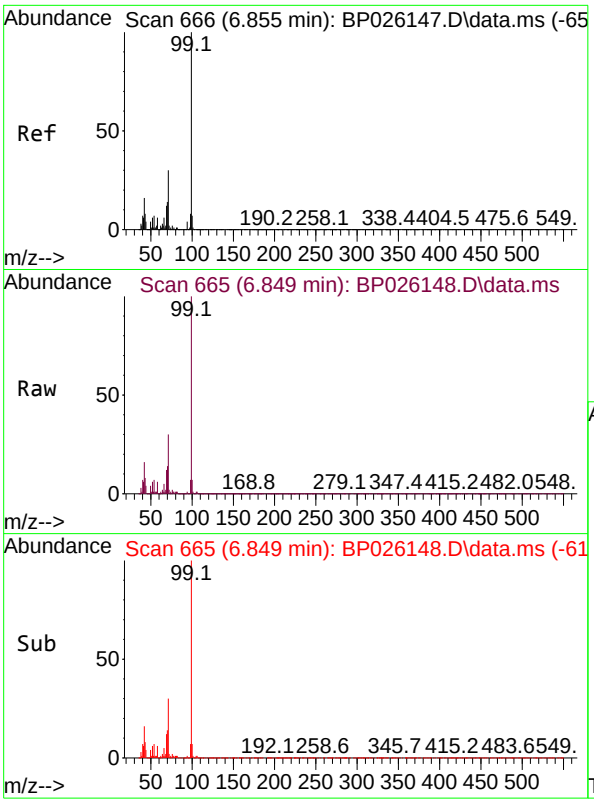




#6
Aniline
Concen: 52.159 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 93 Resp: 1522371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.8 | 31.7 | 47.5 |
| 65 | 19.9 | 15.8 | 23.6 |



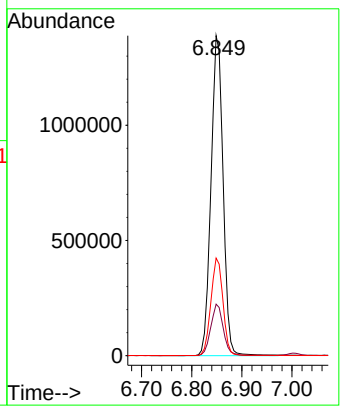


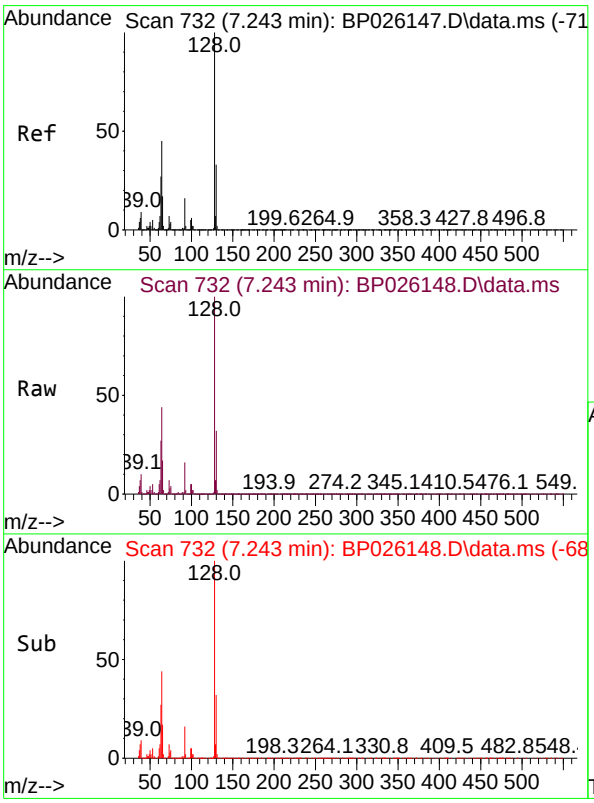

#7
Phenol-d6
Concen: 106.156 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 99 Resp: 2324244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 12.9 | 19.3 |
| 71 | 30.5 | 24.8 | 37.2 |

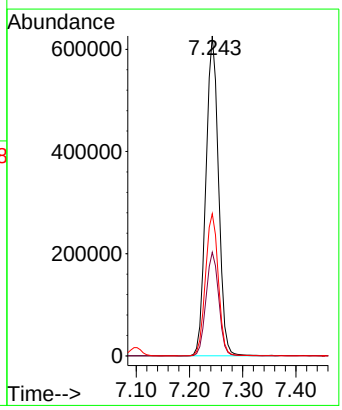


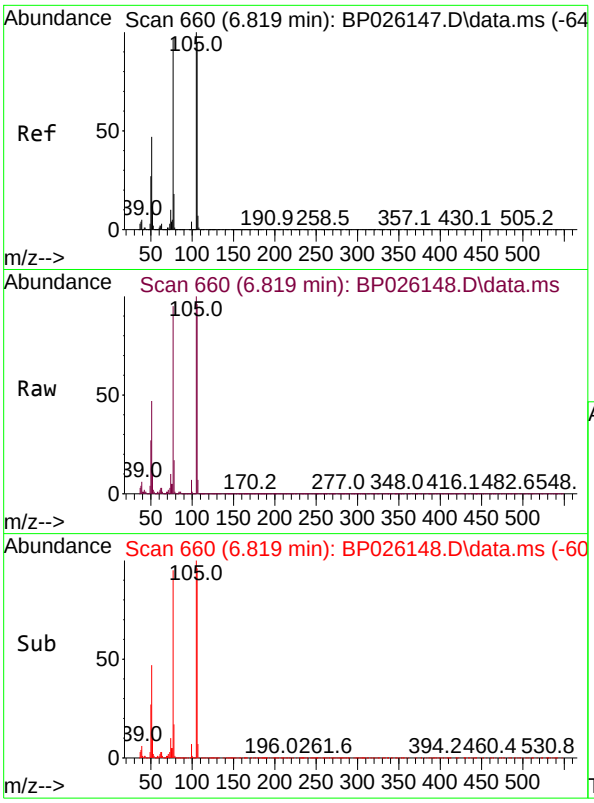




#8
2-Chlorophenol
Concen: 54.061 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:128 Resp: 1033720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 12.4 | 52.4 |
| 64 | 44.4 | 23.9 | 63.9 |



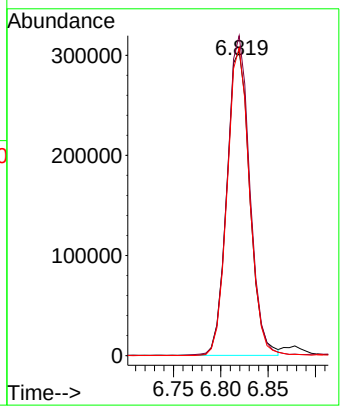


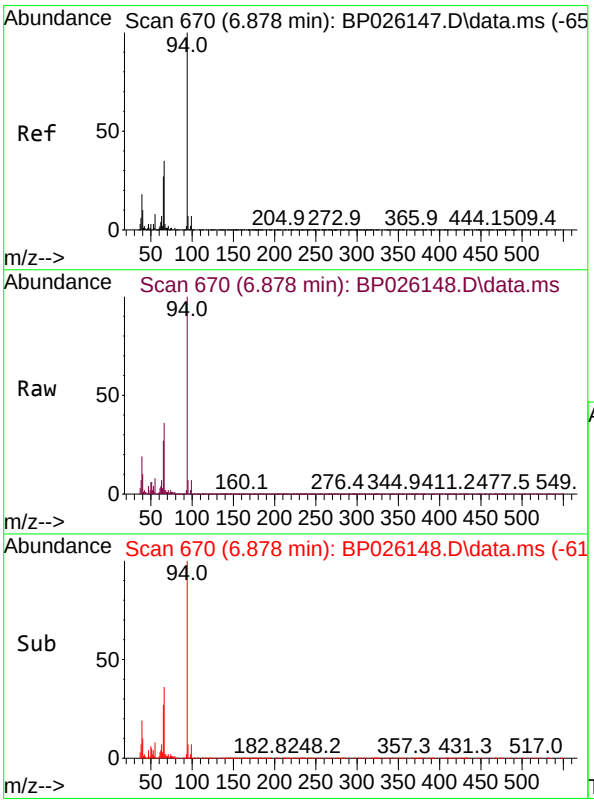

#9
Benzaldehyde
Concen: 46.418 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 511940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.0 | 82.9 | 122.9 |
| 106 | 101.0 | 77.8 | 117.8 |

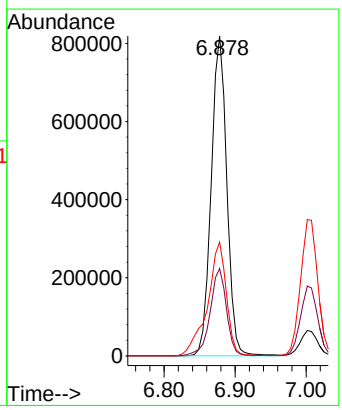


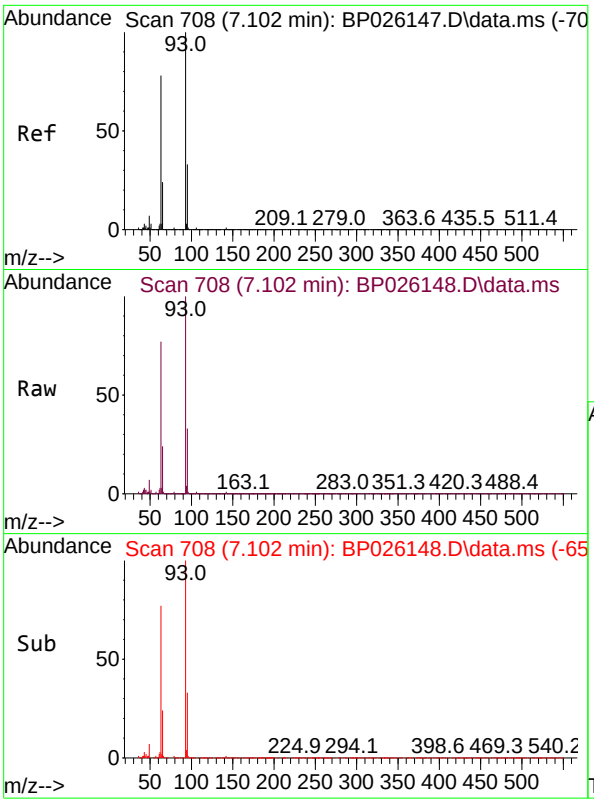




#10
Phenol
Concen: 51.731 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 94 Resp: 1252505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.3 | 7.0 | 47.0 |
| 66 | 35.5 | 14.5 | 54.5 |



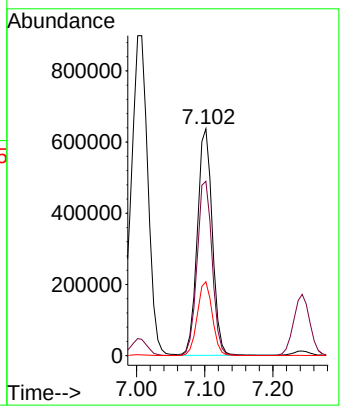


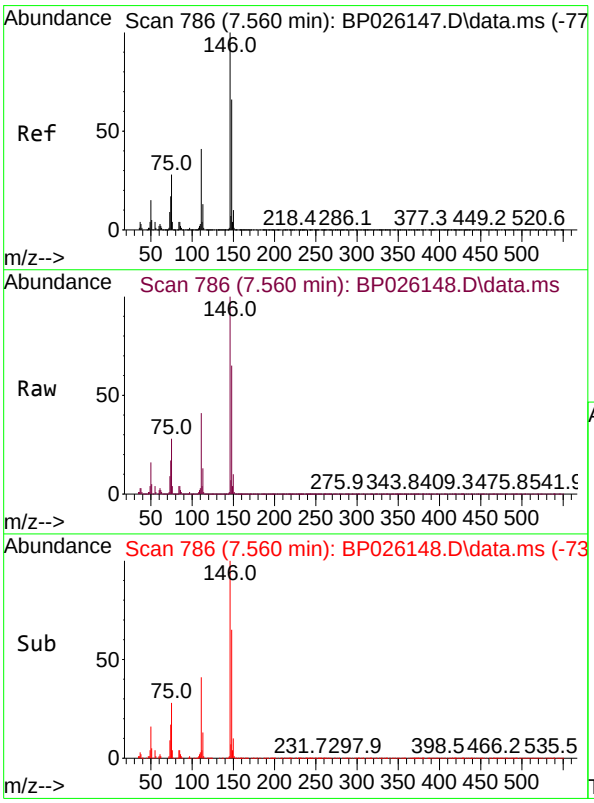

#11
bis(2-Chloroethyl)ether
Concen: 50.634 ng
RT: 7.102 min Scan# 70
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 93 Resp: 970673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.9 | 58.8 | 98.8 |
| 95 | 32.6 | 12.1 | 52.1 |

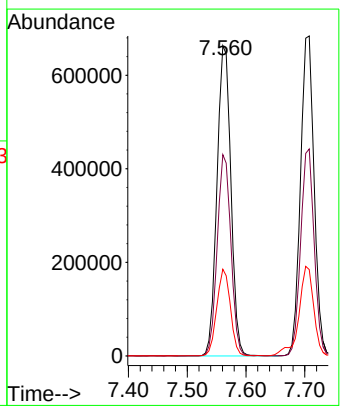


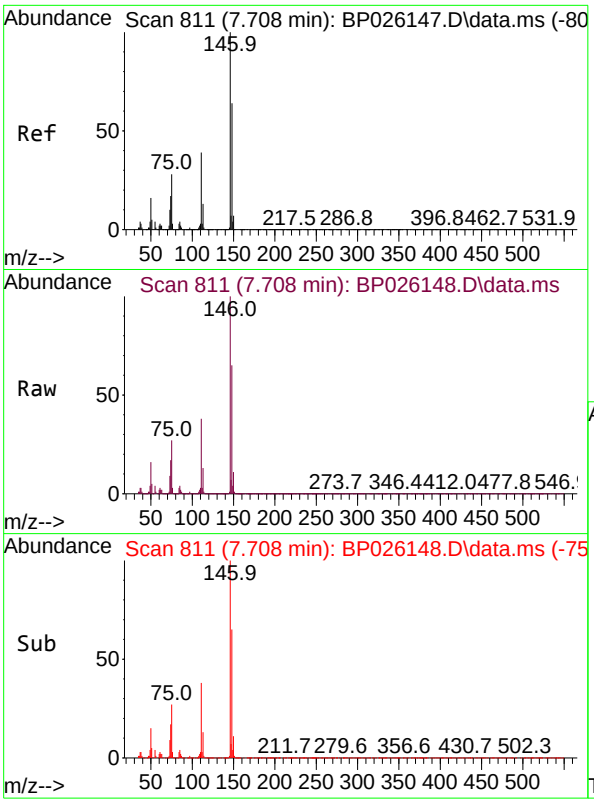




#12
1,3-Dichlorobenzene
Concen: 49.825 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:146 Resp: 1088080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.8 | 77.8 |
| 75 | 27.9 | 22.2 | 33.2 |



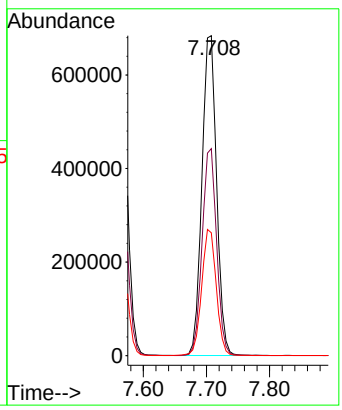


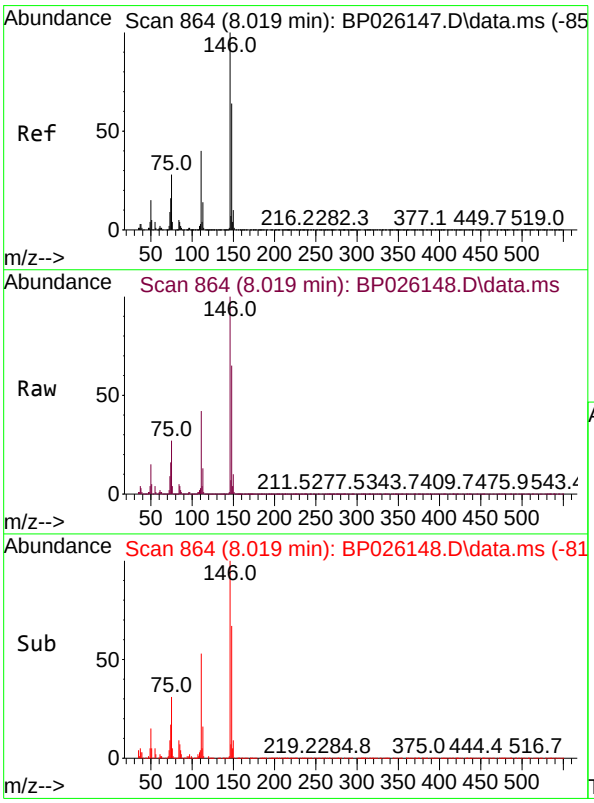

#13
1,4-Dichlorobenzene
Concen: 49.770 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:146 Resp: 1100252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.4 | 77.2 |
| 111 | 38.4 | 31.7 | 47.5 |

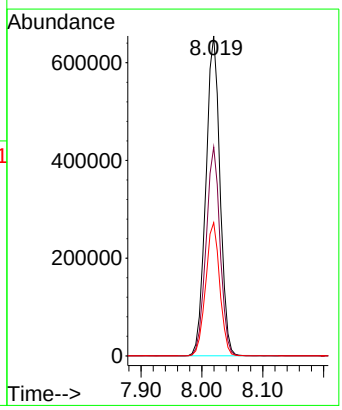


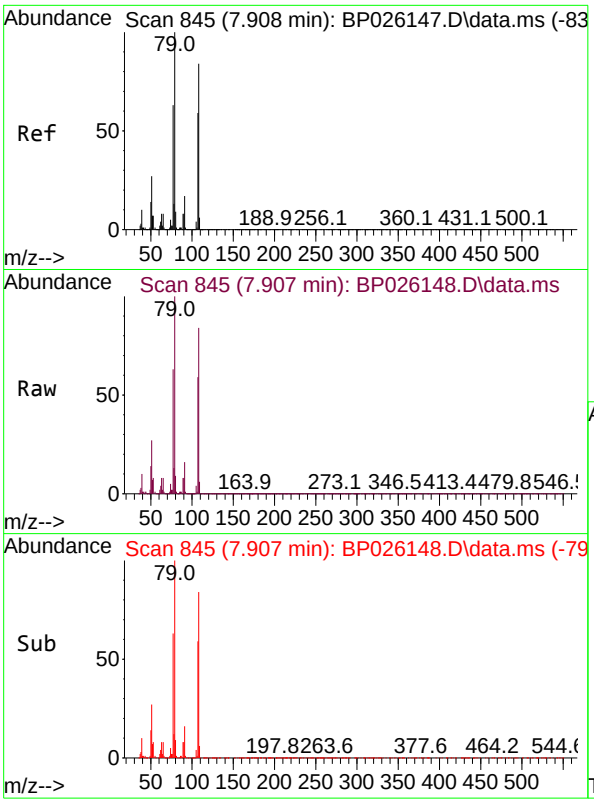




#14
1,2-Dichlorobenzene
Concen: 49.909 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:146 Resp: 1053763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 51.0 | 76.6 |
| 111 | 41.6 | 33.0 | 49.4 |



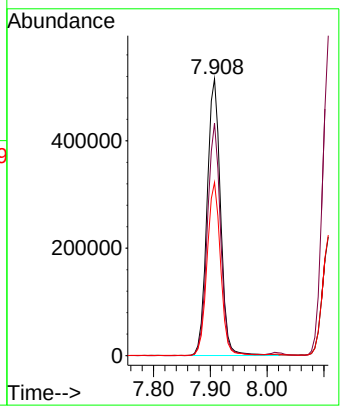


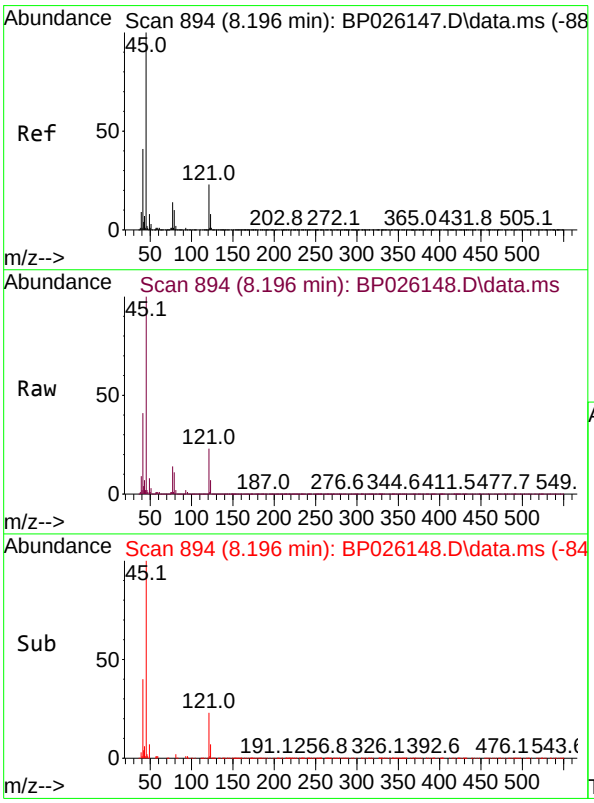

#15
Benzyl Alcohol
Concen: 53.672 ng
RT: 7.907 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 79 Resp: 849842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.1 | 66.2 | 99.4 |
| 77 | 62.6 | 50.0 | 75.0 |

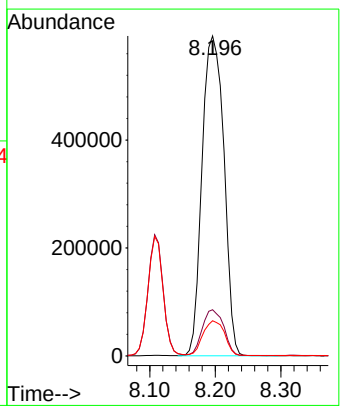


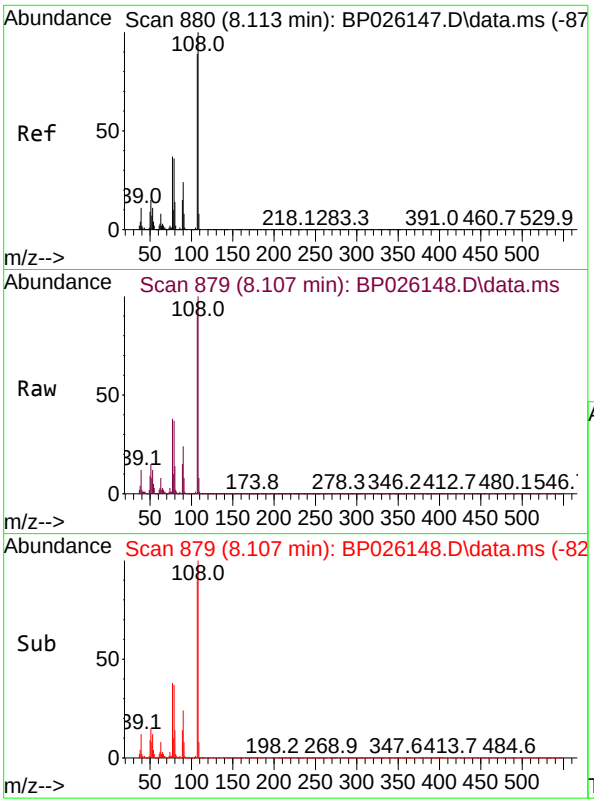




#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.705 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 45 Resp: 1369615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.4 | 0.0 | 33.9 |
| 79 | 11.0 | 0.0 | 30.4 |



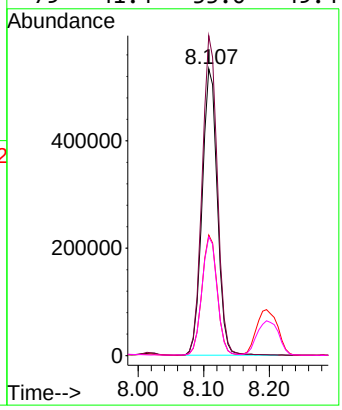


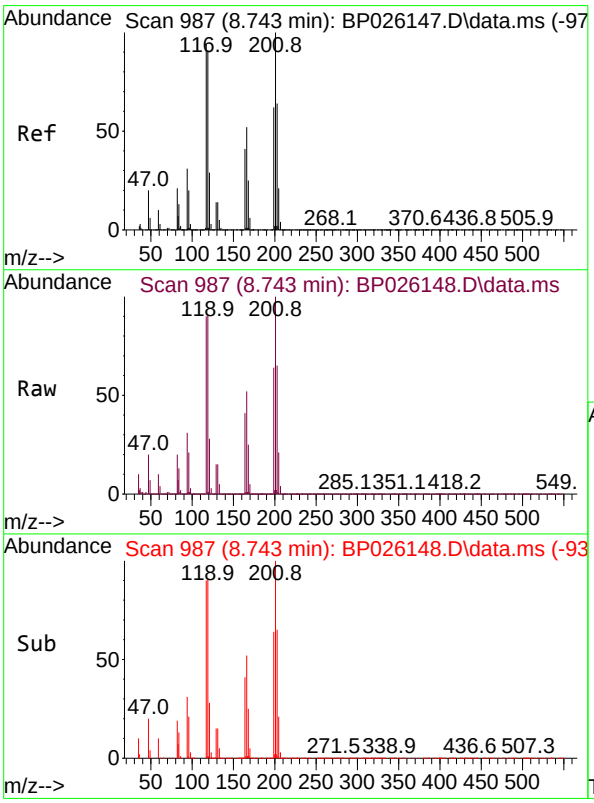

#17
2-Methylphenol
Concen: 53.750 ng
RT: 8.107 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:107 Resp: 855650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.6 | 89.7 | 134.5 |
| 77 | 42.1 | 33.9 | 50.9 |
| 79 | 41.4 | 33.0 | 49.4 |

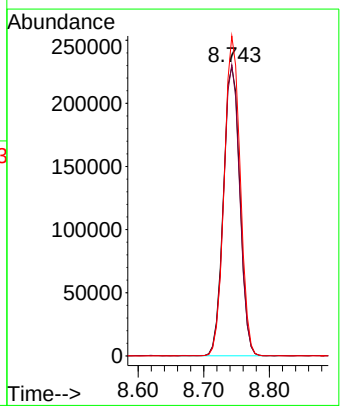


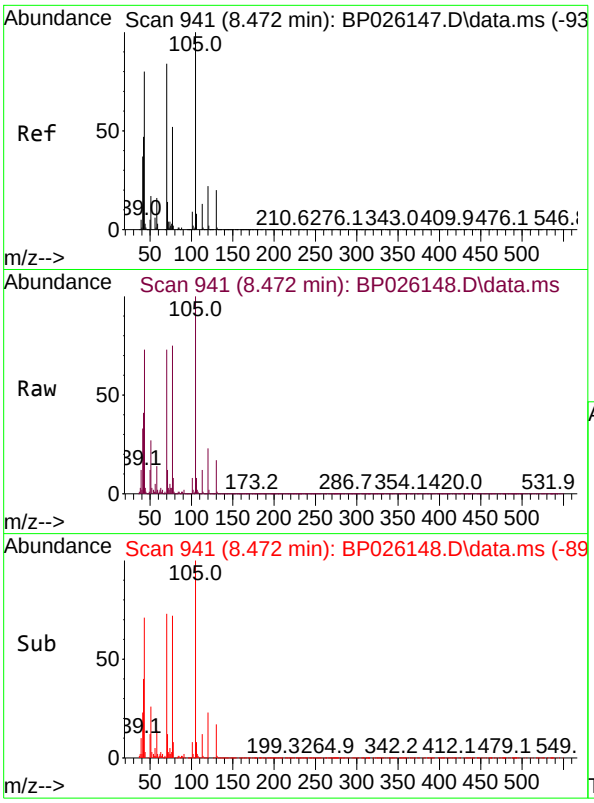




#18
Hexachloroethane
Concen: 52.632 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:117 Resp: 401949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.7 | 78.7 | 118.1 |
| 201 | 110.7 | 85.1 | 127.7 |



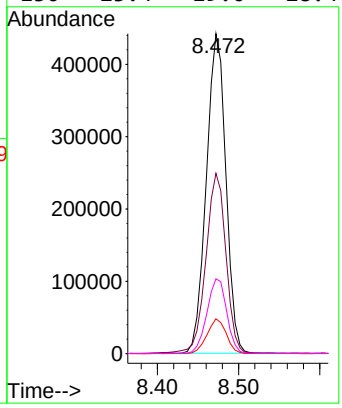


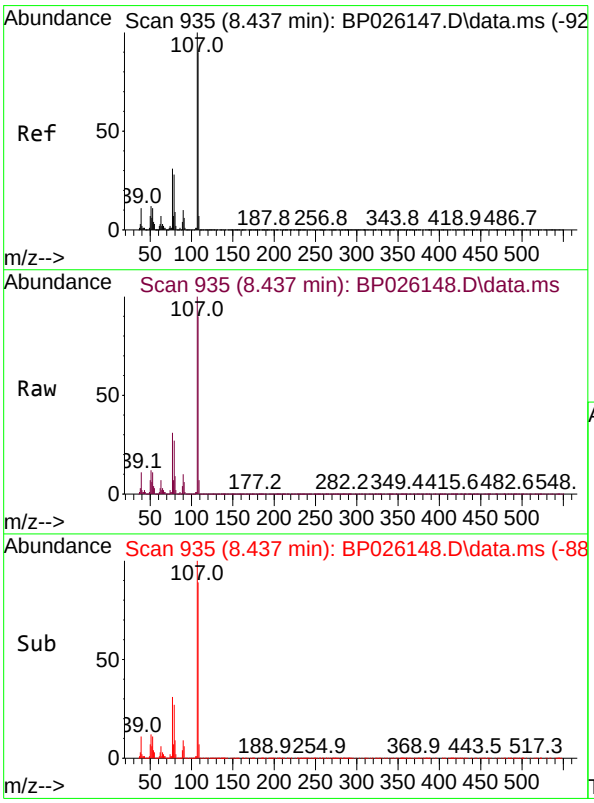

#19
n-Nitroso-di-n-propylamine
Concen: 54.488 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 70 Resp: 739380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.3 | 44.1 | 66.1 |
| 101 | 10.9 | 8.2 | 12.4 |
| 130 | 23.4 | 19.0 | 28.4 |

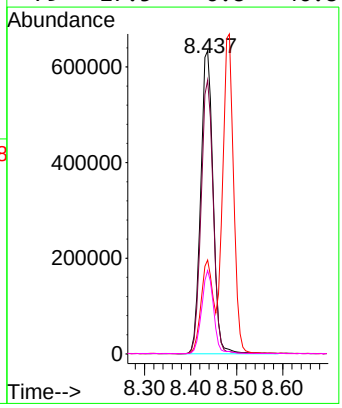


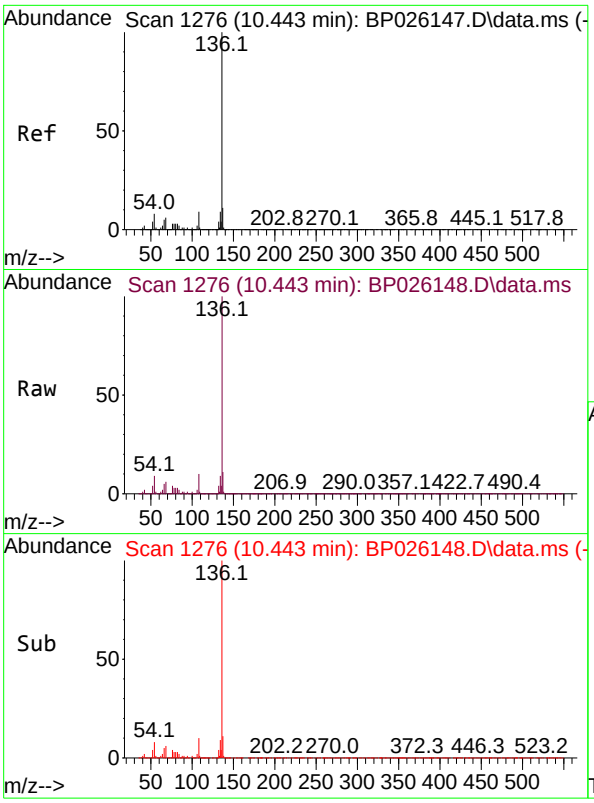




#20
3+4-Methylphenols
Concen: 53.045 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:107 Resp: 1173430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.3 | 68.9 | 108.9 |
| 77 | 31.0 | 10.4 | 50.4 |
| 79 | 27.5 | 6.8 | 46.8 |



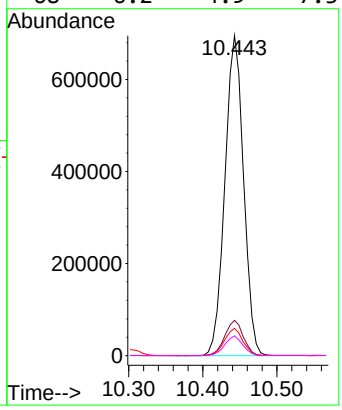


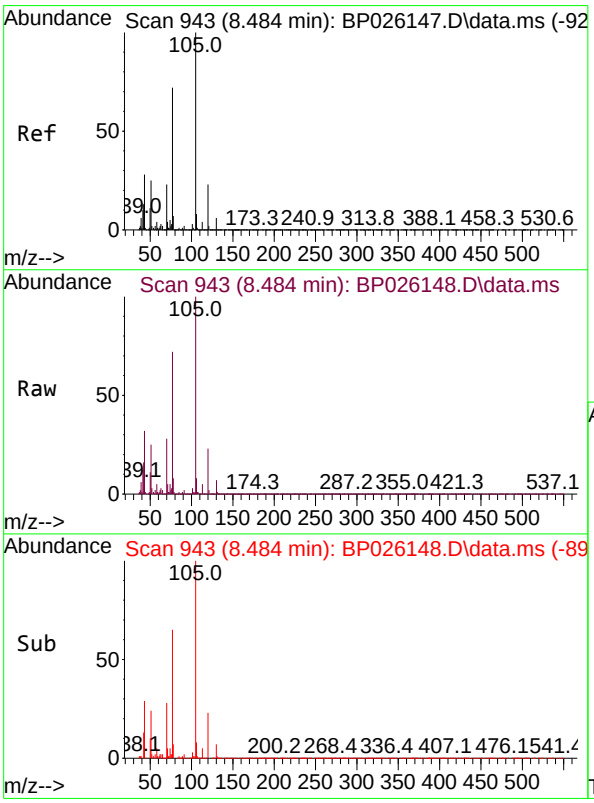

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:136 Resp: 1214236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 8.5 | 6.4 | 9.6 |
| 68 | 6.2 | 4.9 | 7.3 |

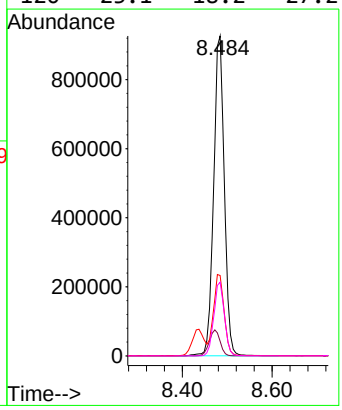


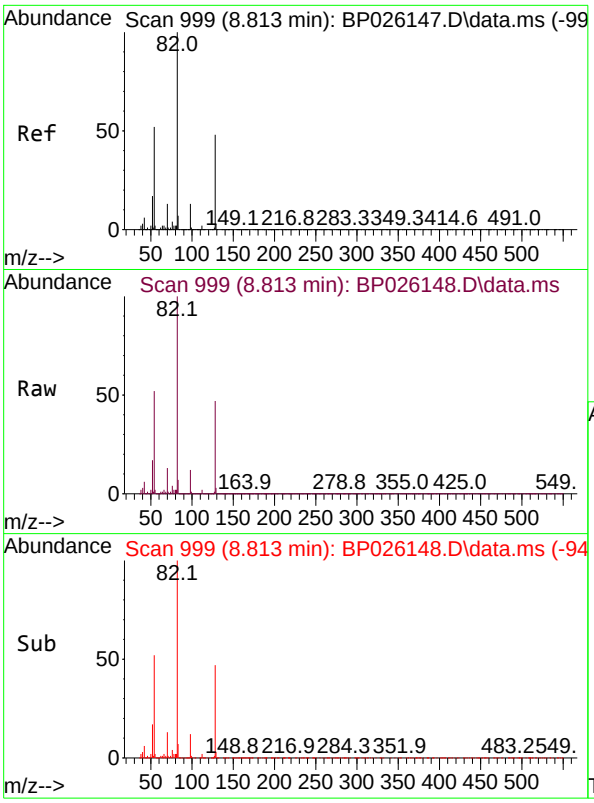




#22
Acetophenone
Concen: 49.988 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:105 Resp: 1530333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.6 | 3.0 | 4.4# |
| 51 | 25.1 | 20.5 | 30.7 |
| 120 | 23.1 | 18.2 | 27.2 |



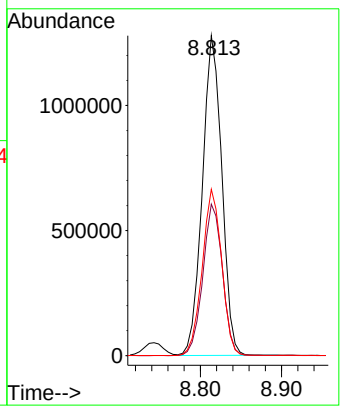


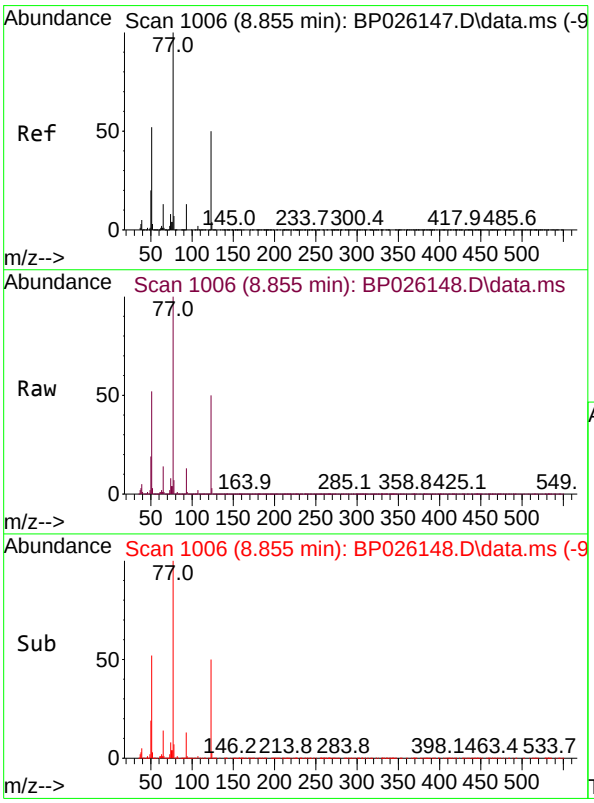

#23
Nitrobenzene-d5
Concen: 108.572 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 2130648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.3 | 37.4 | 56.0 |
| 54 | 52.0 | 41.6 | 62.4 |

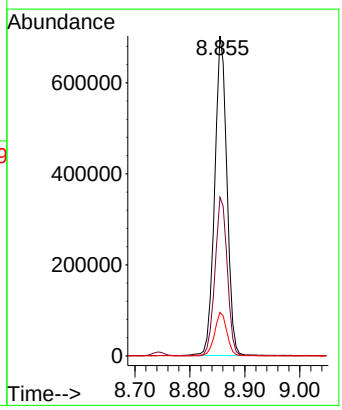


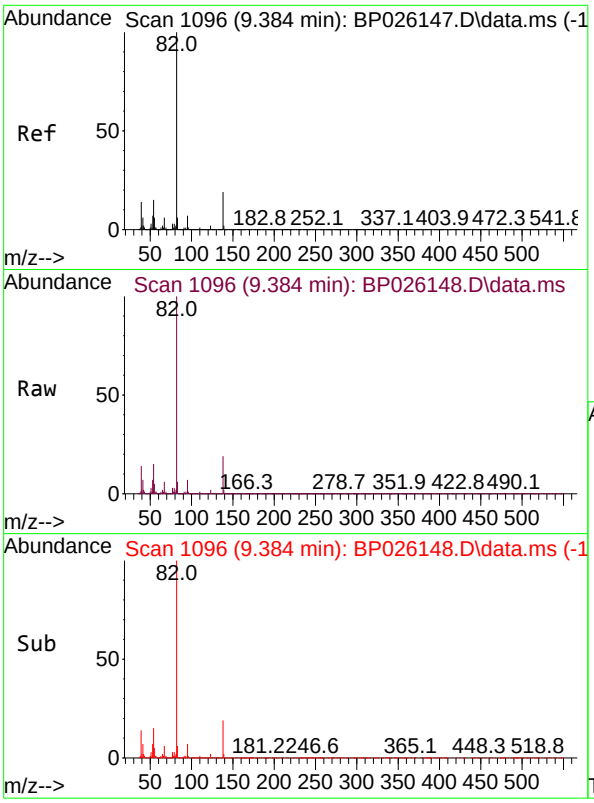




#24
Nitrobenzene
Concen: 52.708 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 77 Resp: 1083333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.5 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |



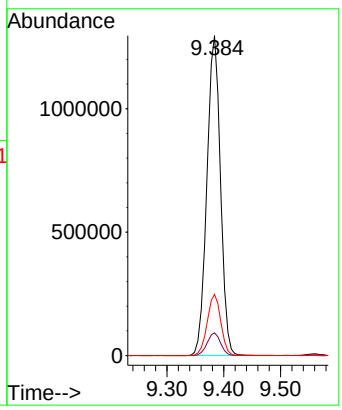


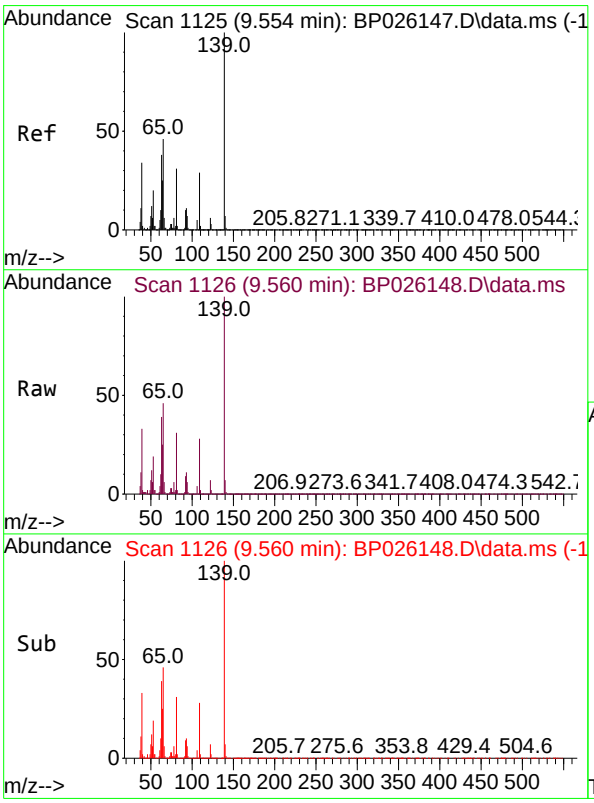

#25
Isophorone
Concen: 51.899 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 82 Resp: 2155778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.0 |
| 138 | 19.1 | 15.4 | 23.0 |

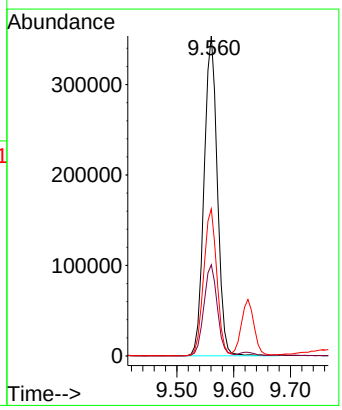


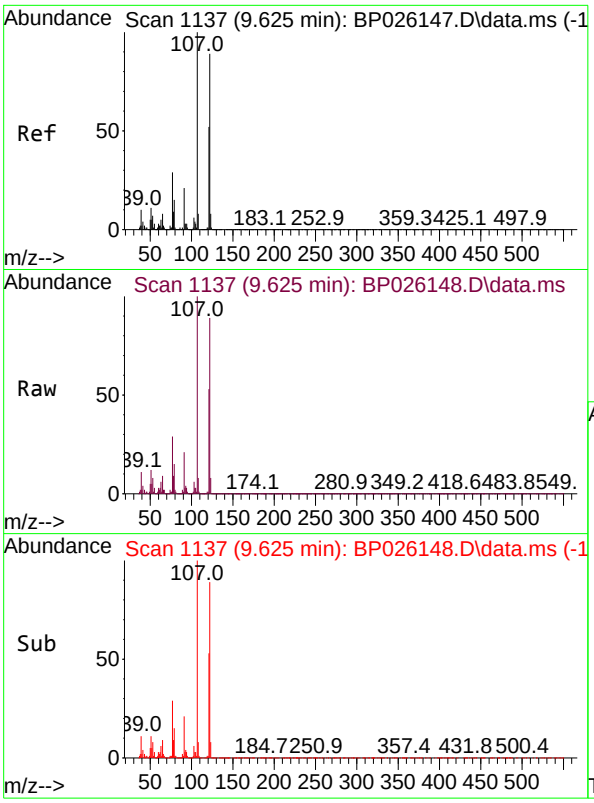




#26
2-Nitrophenol
Concen: 81.975 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:139 Resp: 575059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.5 | 22.3 | 33.5 |
| 65 | 45.9 | 37.2 | 55.8 |



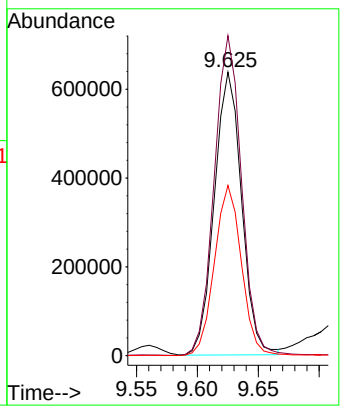


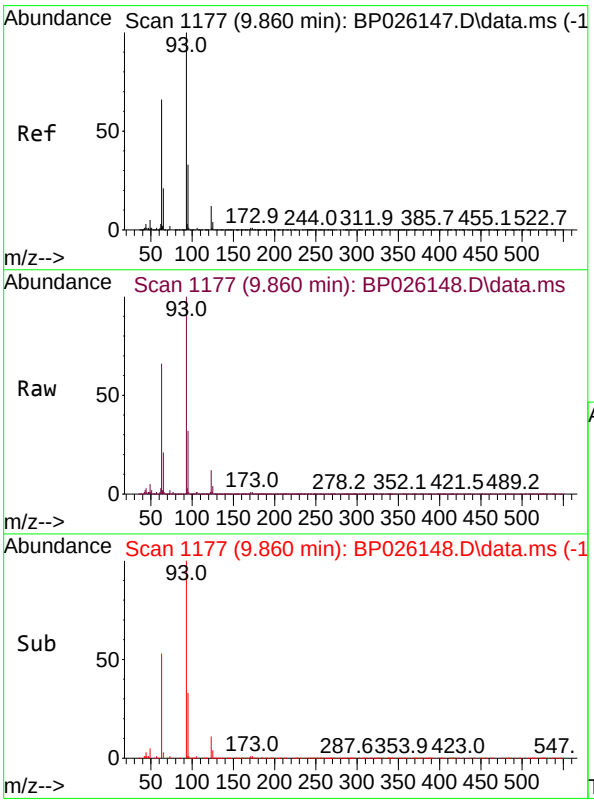

#27
2,4-Dimethylphenol
Concen: 56.199 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:122 Resp: 996274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.9 | 91.0 | 136.6 |
| 121 | 60.1 | 47.0 | 70.6 |

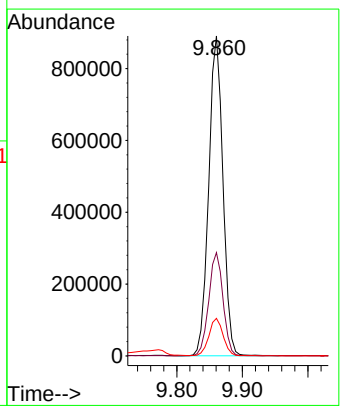


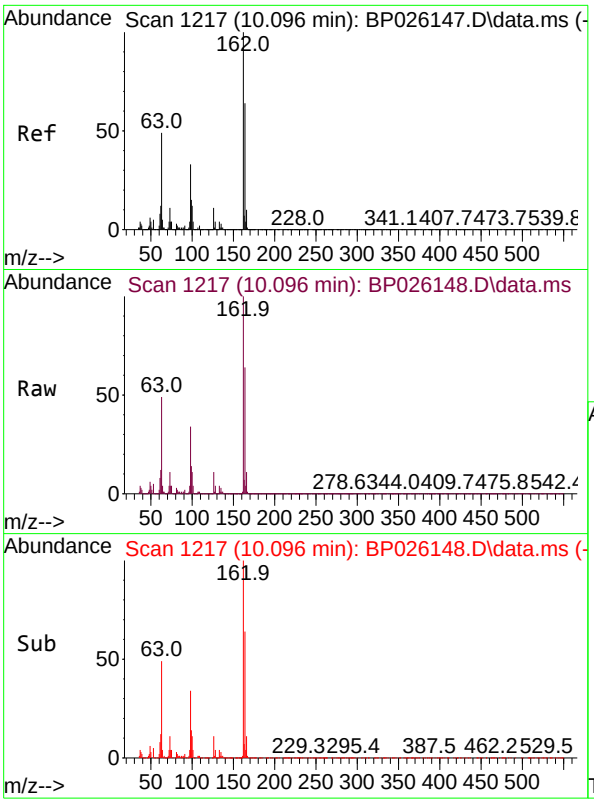




#28
bis(2-Chloroethoxy)methane
Concen: 51.133 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 93 Resp: 1340577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.4 | 39.6 |
| 123 | 11.7 | 9.4 | 14.0 |



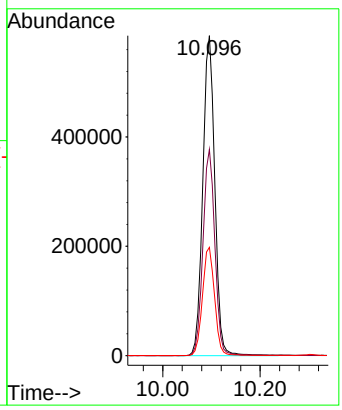


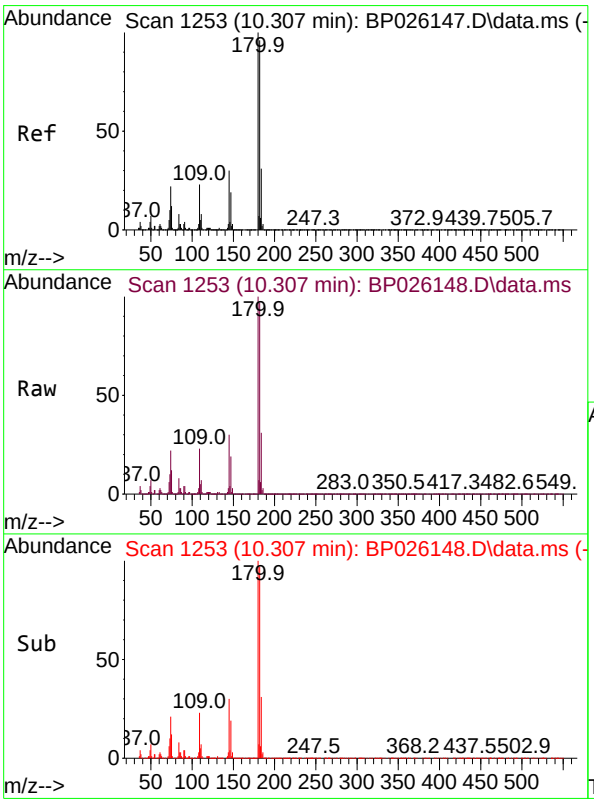

#29
2,4-Dichlorophenol
Concen: 54.165 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 1002063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.4 | 43.8 | 83.8 |
| 98 | 33.8 | 14.1 | 54.1 |

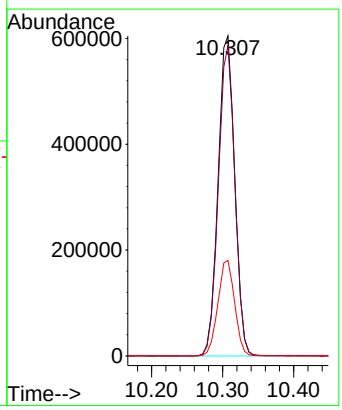


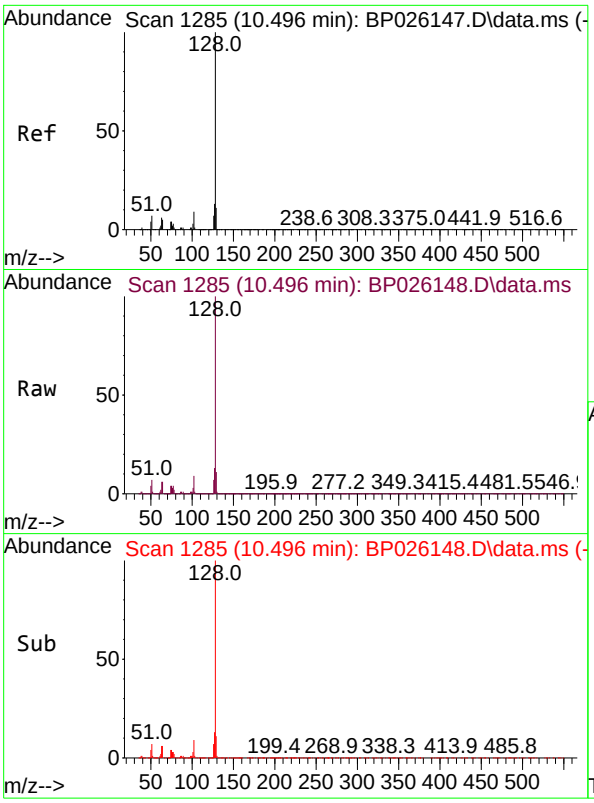




#30
1,2,4-Trichlorobenzene
Concen: 49.160 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:180 Resp: 986319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 78.1 | 117.1 |
| 145 | 29.8 | 24.2 | 36.4 |



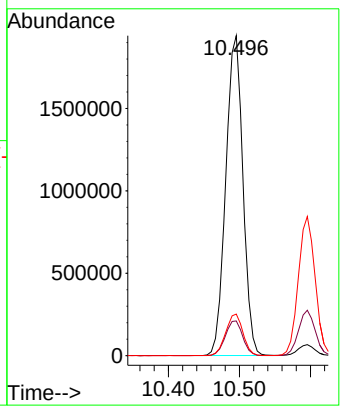


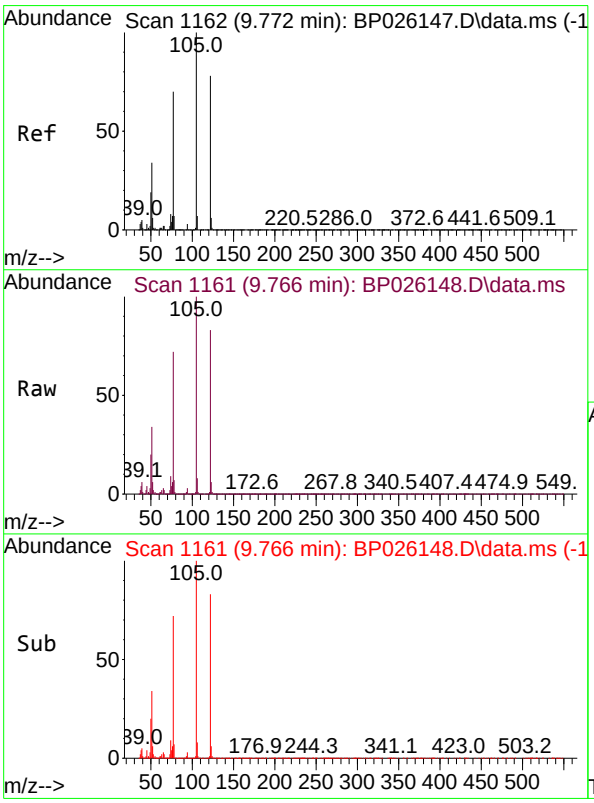

#31
Naphthalene
Concen: 49.431 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:128 Resp: 3258341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.6 |
| 127 | 13.0 | 10.2 | 15.4 |

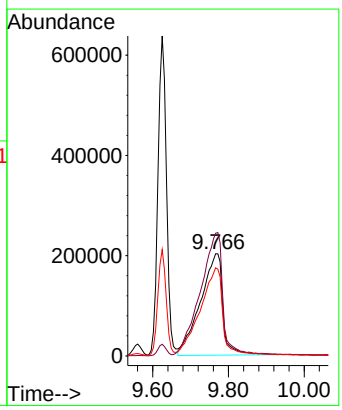


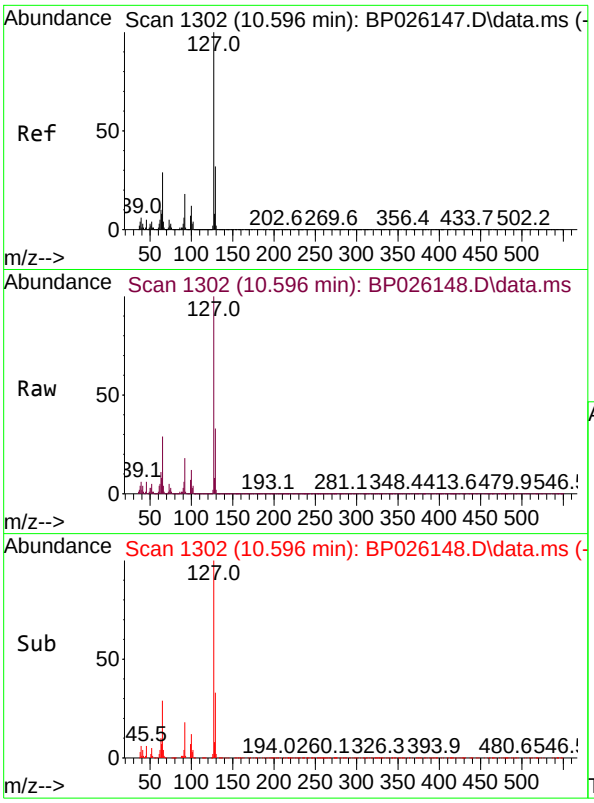




#32
Benzoic acid
Concen: 78.248 ng
RT: 9.766 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:122 Resp: 836318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.1 | 100.1 | 140.1 |
| 77 | 86.2 | 66.7 | 106.7 |



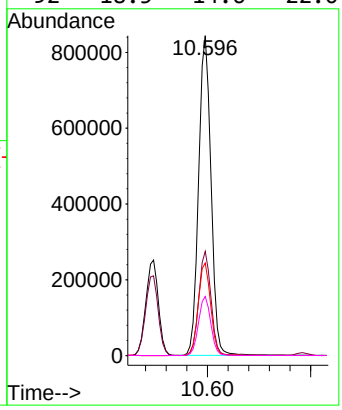


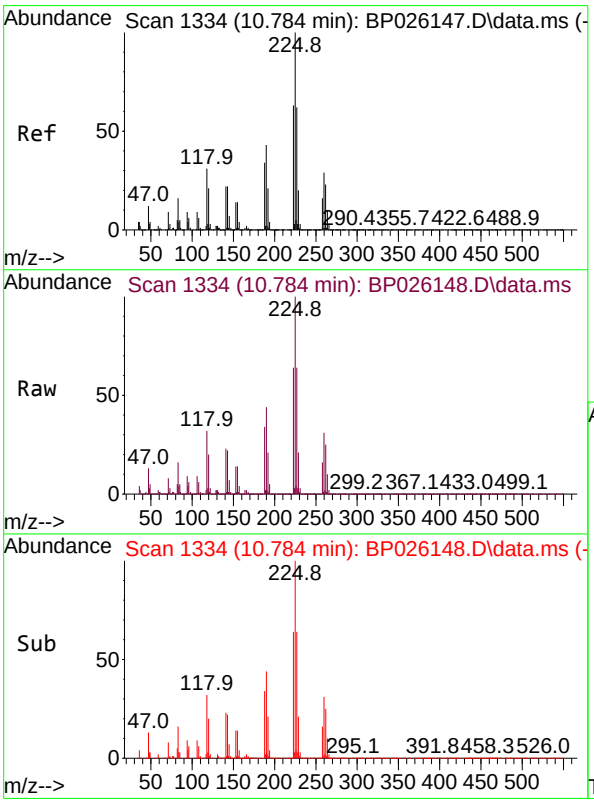

#33
4-Chloroaniline
Concen: 54.856 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:127 Resp: 1404875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 25.8 | 38.8 |
| 65 | 28.9 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |

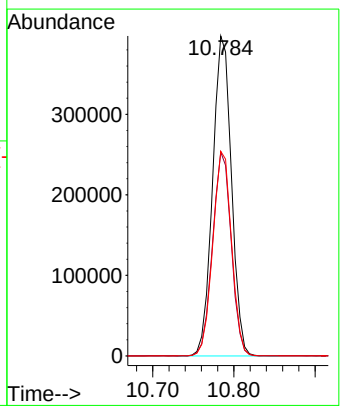


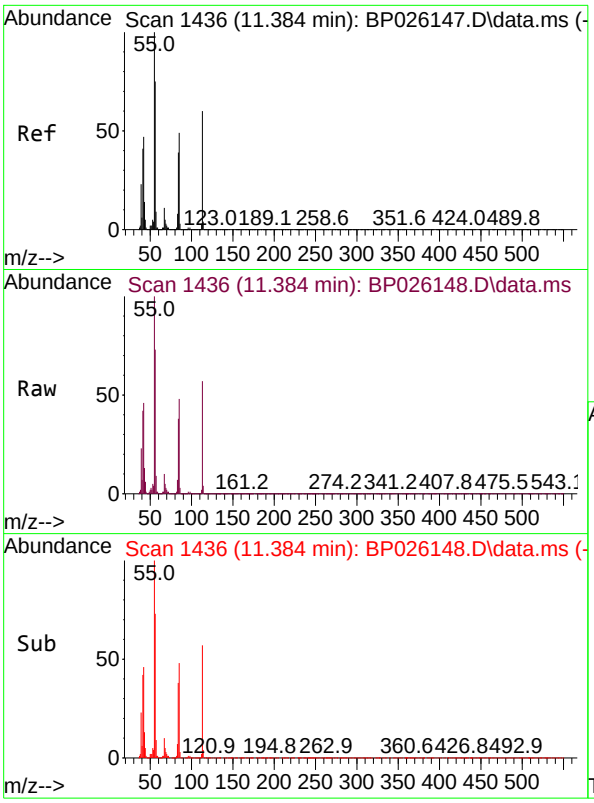




#34
Hexachlorobutadiene
Concen: 49.818 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:225 Resp: 639671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.7 | 49.6 | 74.4 |
| 227 | 63.9 | 51.2 | 76.8 |



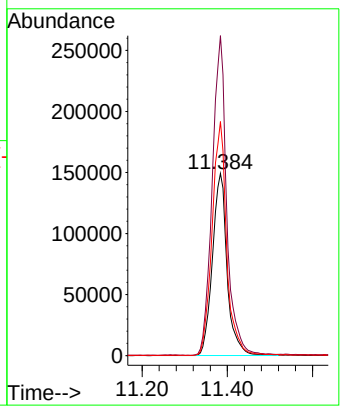


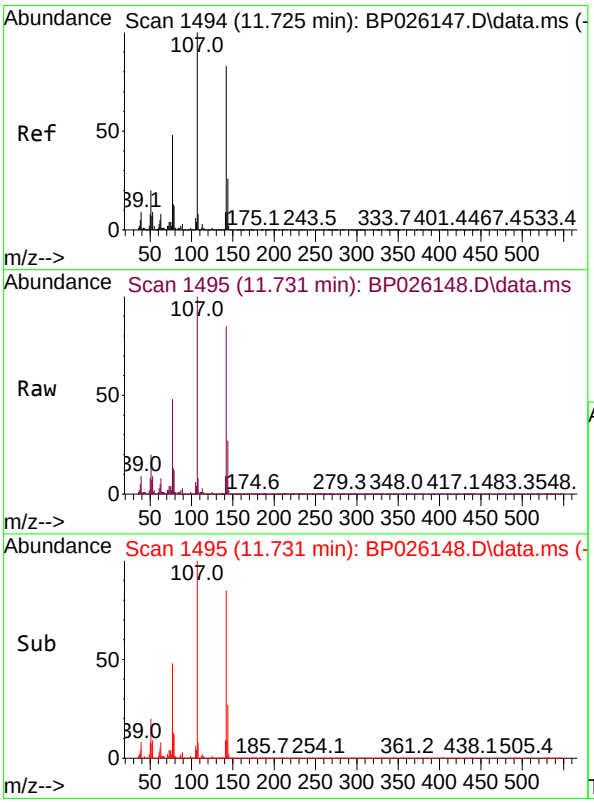

#35
Caprolactam
Concen: 55.200 ng
RT: 11.384 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:113 Resp: 356958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 175.7 | 153.0 | 193.0 |
| 56 | 128.5 | 106.4 | 146.4 |

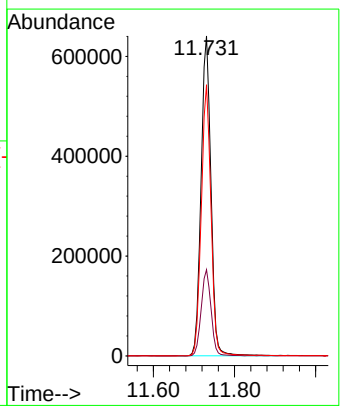


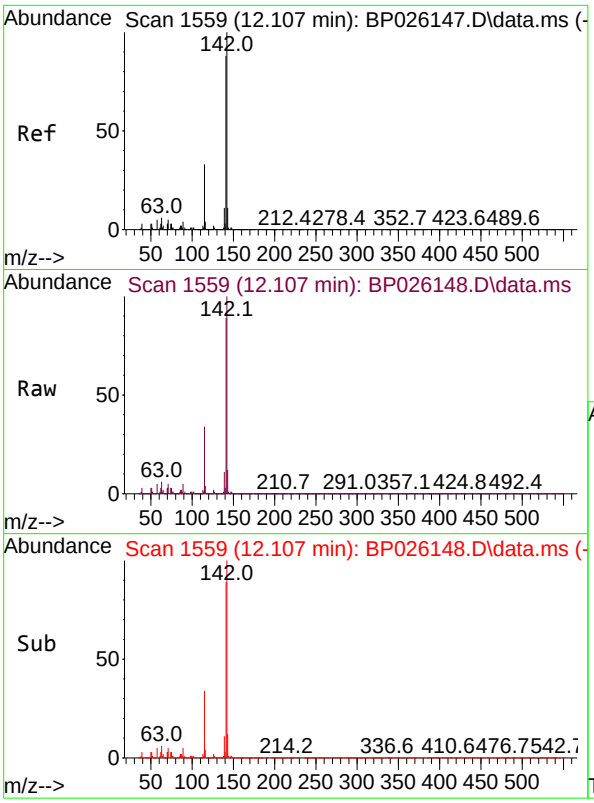




#36
4-Chloro-3-methylphenol
Concen: 55.785 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:107 Resp: 1079361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.9 | 21.6 | 32.4 |
| 142 | 84.7 | 65.6 | 98.4 |



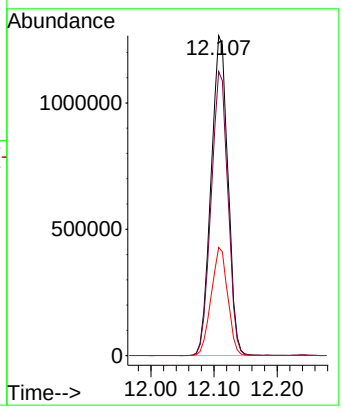


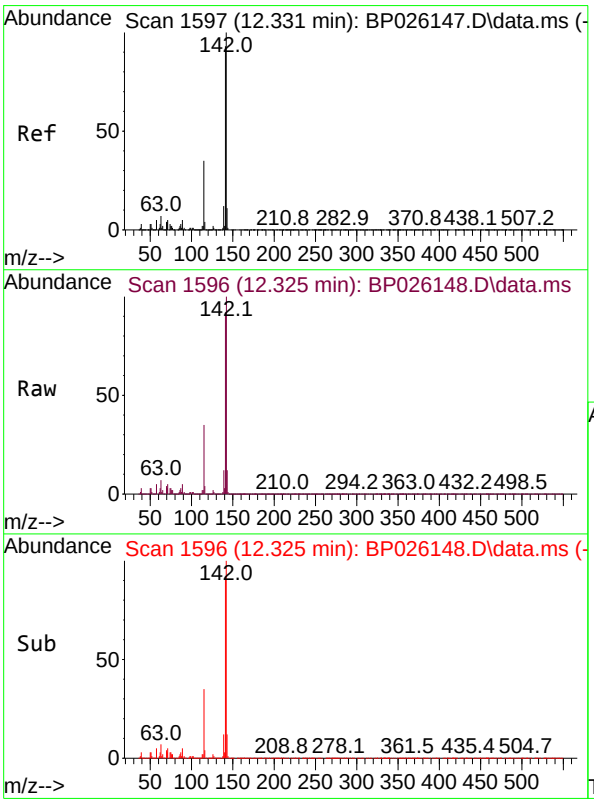

#37
2-Methylnaphthalene
Concen: 50.940 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:142 Resp: 2347741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 71.0 | 106.6 |
| 115 | 33.8 | 26.6 | 39.8 |

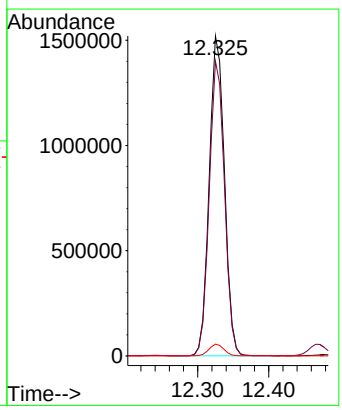


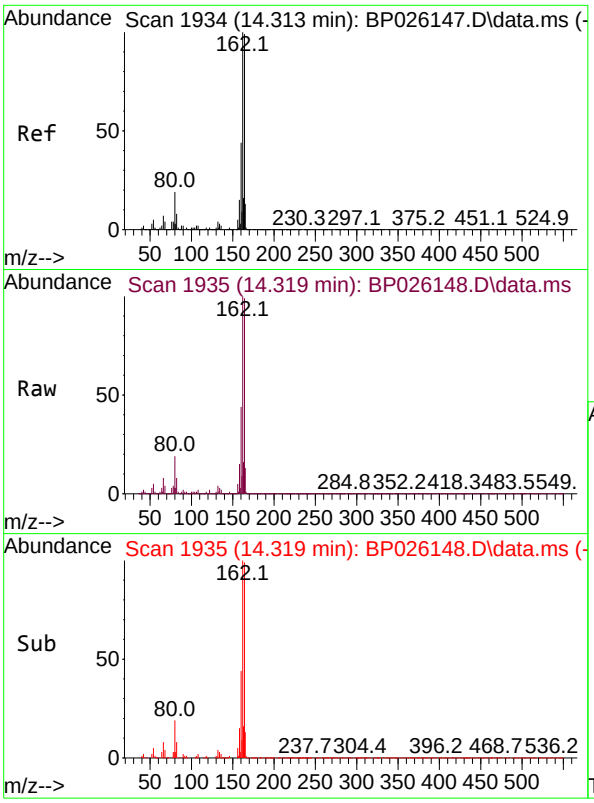




#38
1-Methylnaphthalene
Concen: 50.528 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:142 Resp: 2264098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |



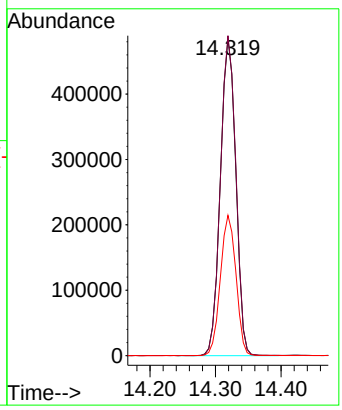


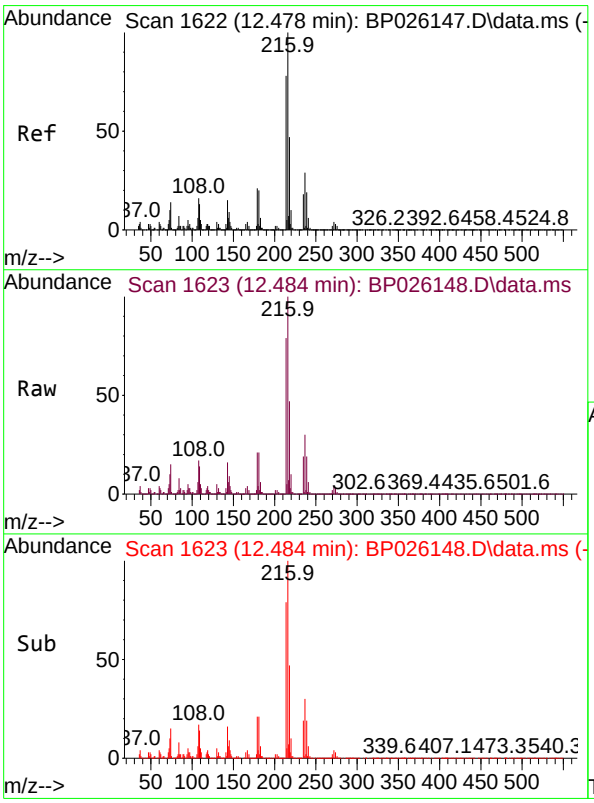

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:164 Resp: 797553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.3 | 120.5 |
| 160 | 44.3 | 35.2 | 52.8 |

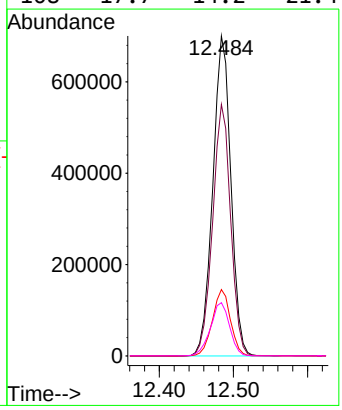


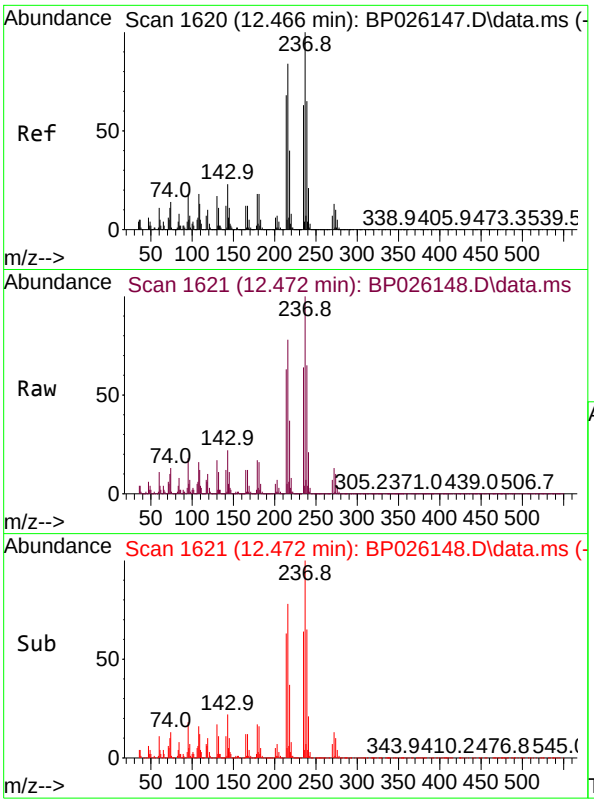




#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.999 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:216 Resp: 1184632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 62.6 | 94.0 |
| 179 | 20.7 | 16.6 | 25.0 |
| 108 | 17.7 | 14.2 | 21.4 |



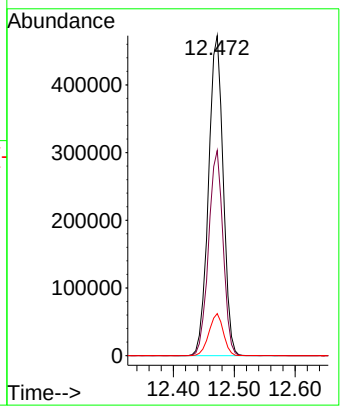


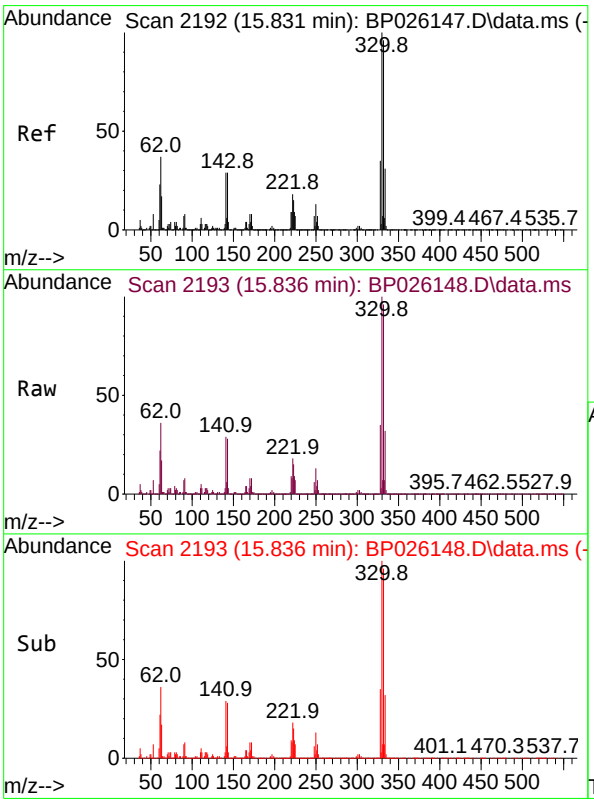

#41
Hexachlorocyclopentadiene
Concen: 76.949 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:237 Resp: 789794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.1 | 43.3 | 83.3 |
| 272 | 13.1 | 0.0 | 32.9 |

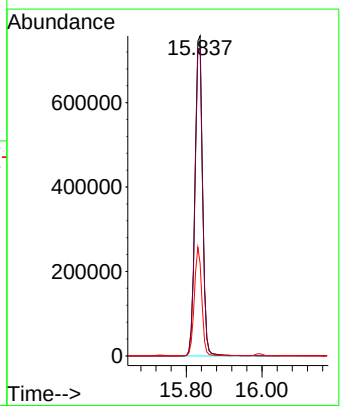


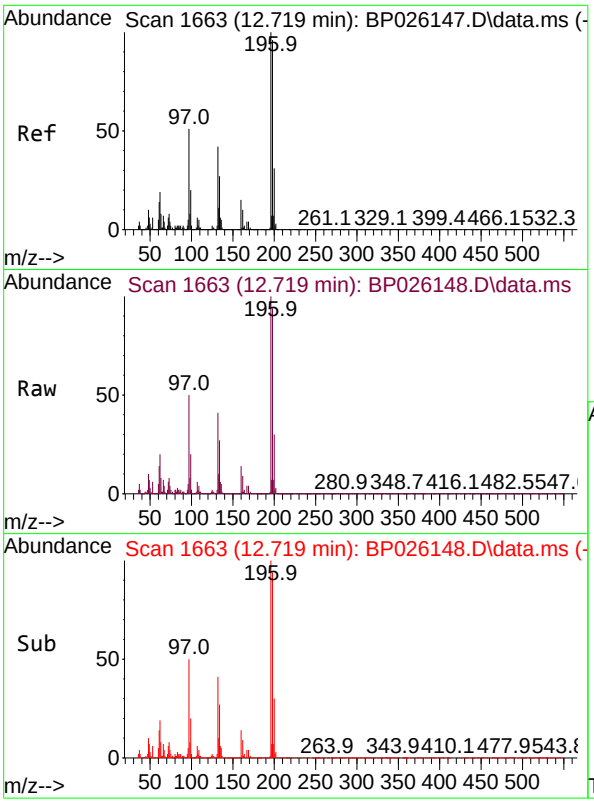




#42
2,4,6-Tribromophenol
Concen: 119.774 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:330 Resp: 1046471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 78.0 | 117.0 |
| 141 | 33.1 | 26.8 | 40.2 |



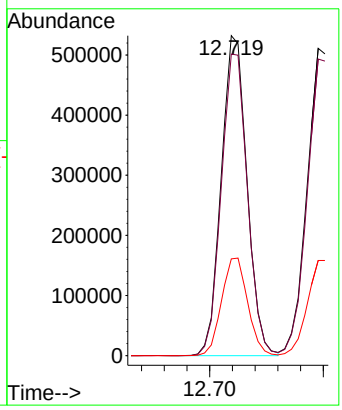


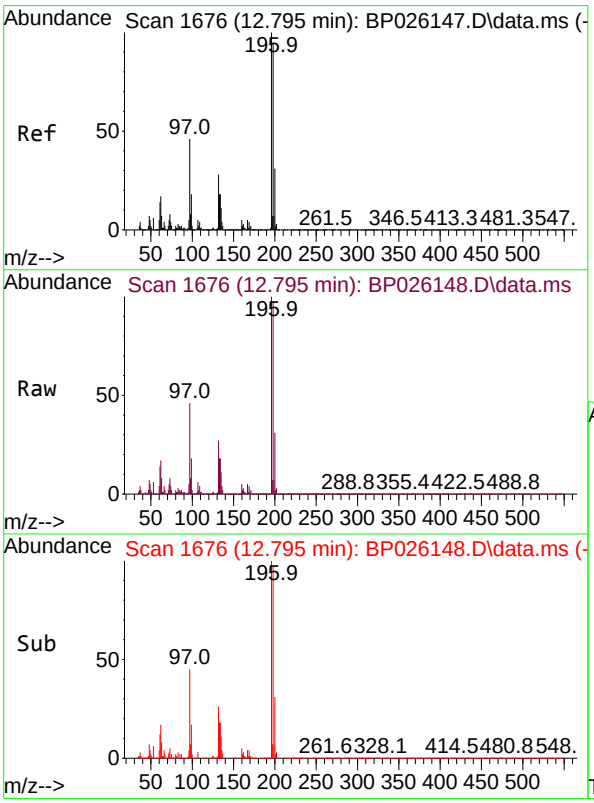

#43
2,4,6-Trichlorophenol
Concen: 56.757 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:196 Resp: 837942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.2 | 76.9 | 115.3 |
| 200 | 30.2 | 24.6 | 37.0 |

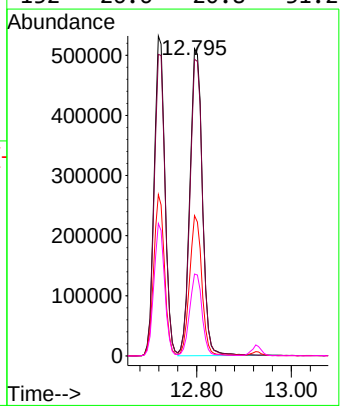


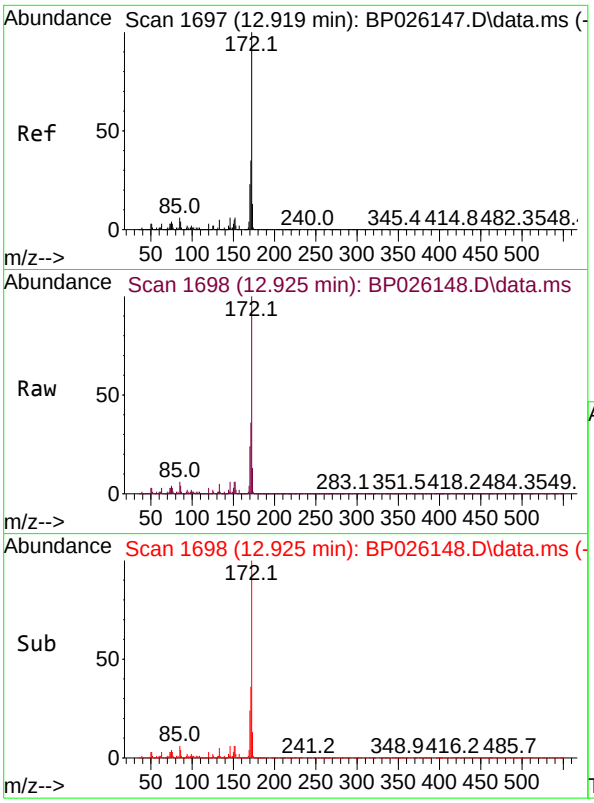




#44
2,4,5-Trichlorophenol
Concen: 55.717 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:196 Resp: 934561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.5 | 76.4 | 114.6 |
| 97 | 45.6 | 35.7 | 53.5 |
| 132 | 26.6 | 20.8 | 31.2 |



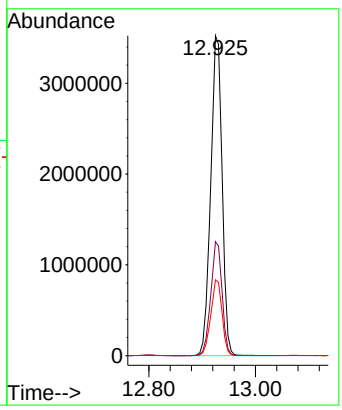


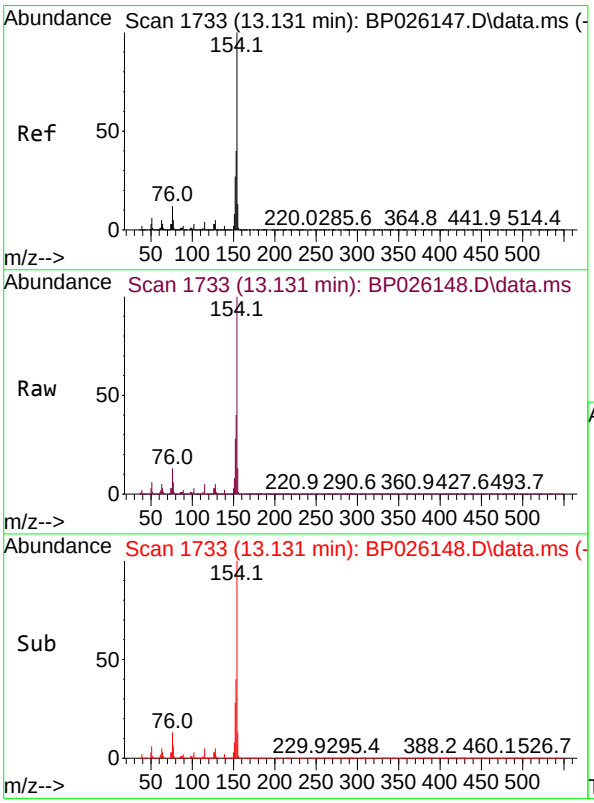

#45
2-Fluorobiphenyl
Concen: 94.988 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:172 Resp: 5250598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.2 | 42.4 |
| 170 | 23.7 | 18.7 | 28.1 |

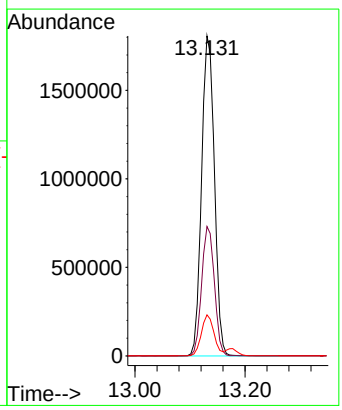


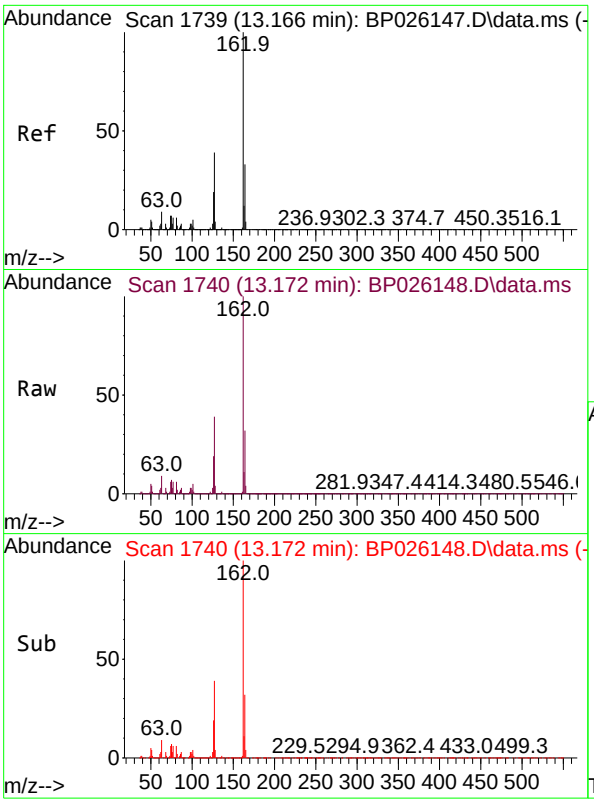




#46
1,1'-Biphenyl
Concen: 48.177 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:154 Resp: 2928877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.3 | 60.3 |
| 76 | 12.8 | 0.0 | 32.3 |



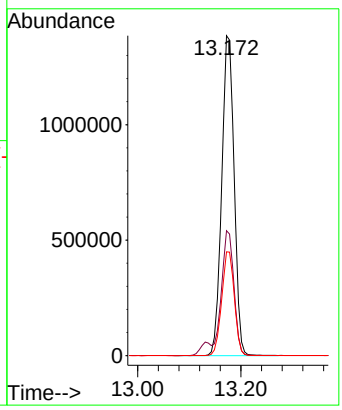


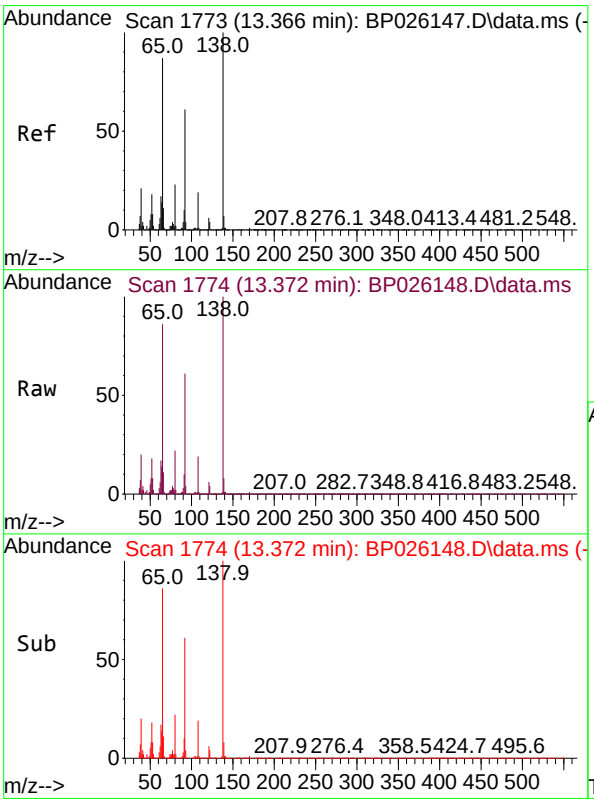

#47
2-Chloronaphthalene
Concen: 48.576 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:162 Resp: 2321684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.0 | 30.9 | 46.3 |
| 164 | 32.4 | 26.4 | 39.6 |

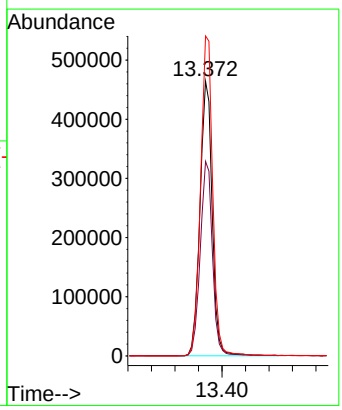


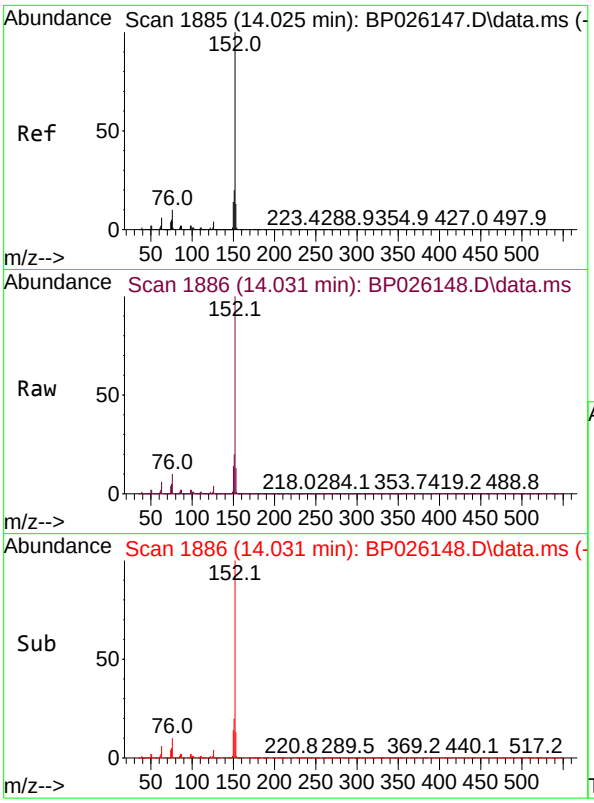




#48
2-Nitroaniline
Concen: 60.939 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 65 Resp: 669977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.8 | 59.1 | 88.7 |
| 138 | 116.5 | 96.6 | 145.0 |



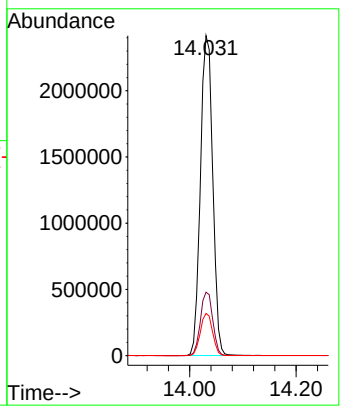


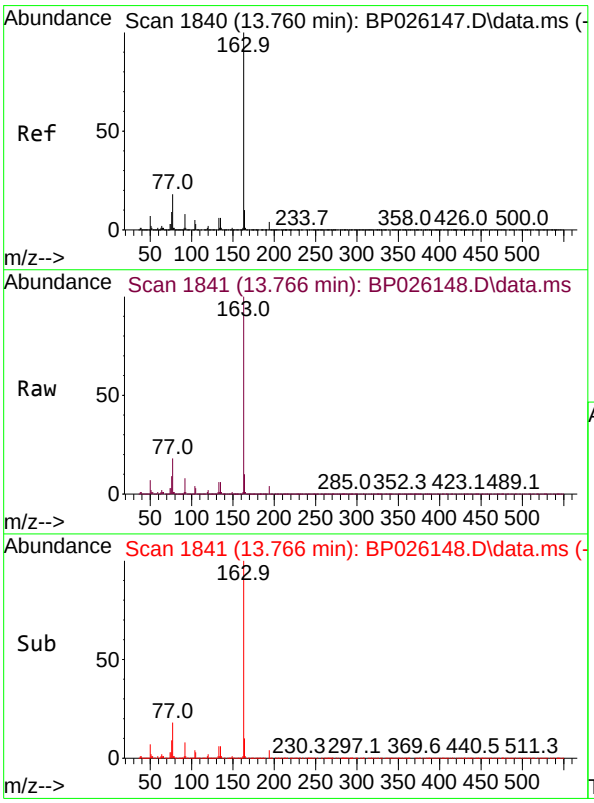

#49
Acenaphthylene
Concen: 54.828 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:152 Resp: 3873345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |

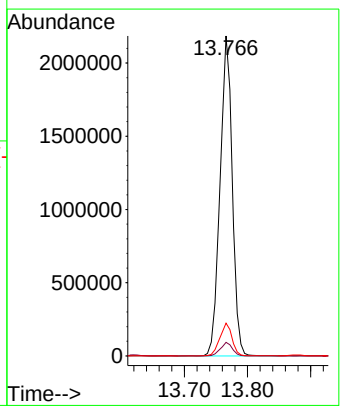


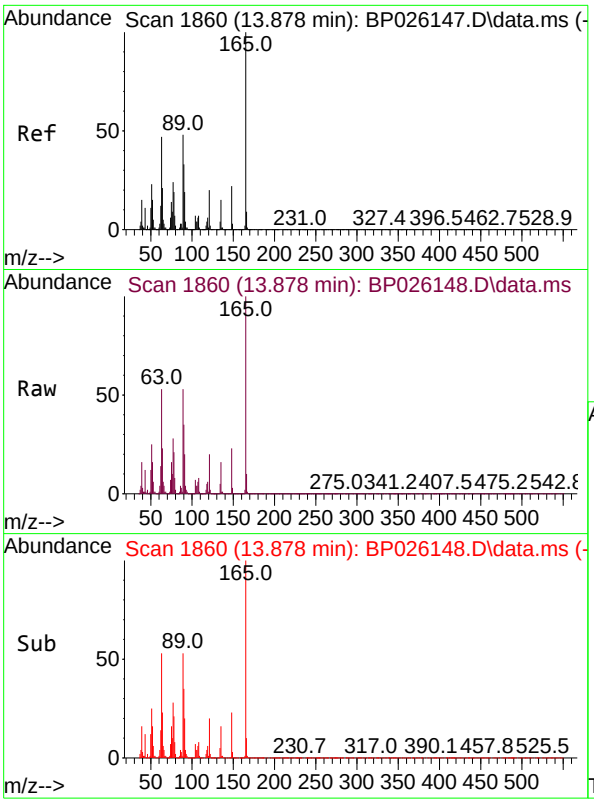




#50
Dimethylphthalate
Concen: 50.746 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:163 Resp: 2930655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.2 | 8.2 | 12.2 |



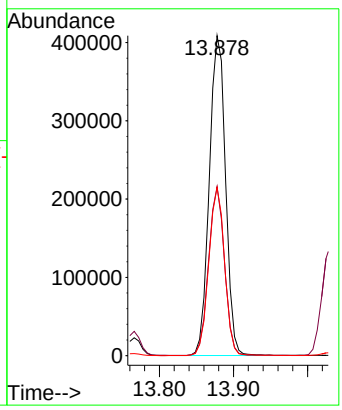


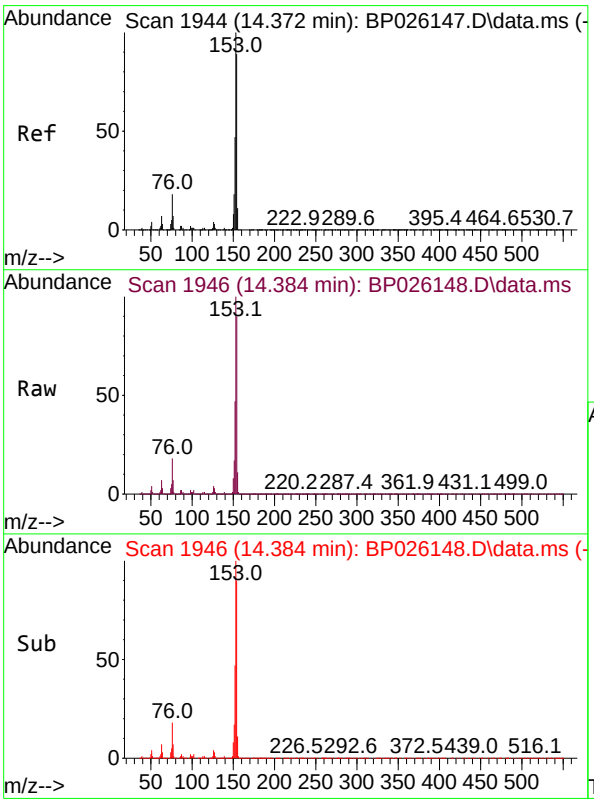

#51
2,6-Dinitrotoluene
Concen: 64.134 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 622671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.8 | 40.5 | 60.7 |
| 89 | 52.6 | 41.3 | 61.9 |

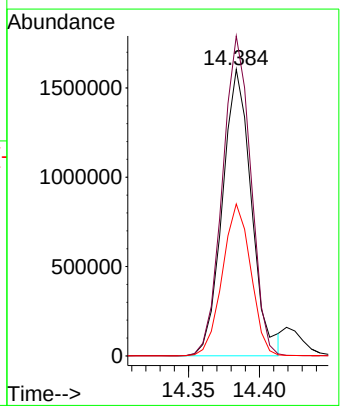


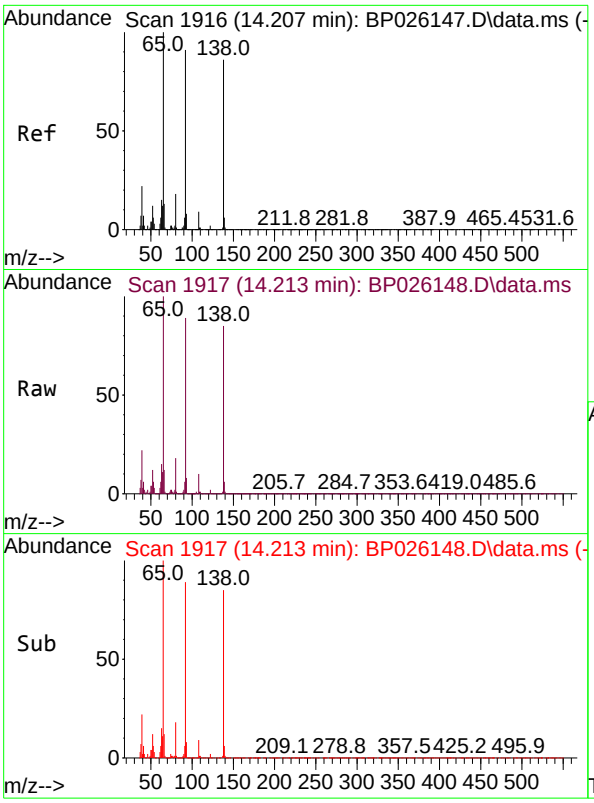




#52
Acenaphthene
Concen: 48.135 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:154 Resp: 2275322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.7 | 136.1 |
| 152 | 53.0 | 42.8 | 64.2 |



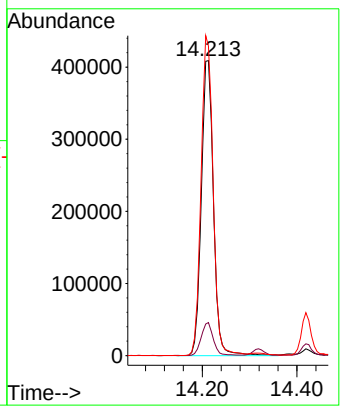


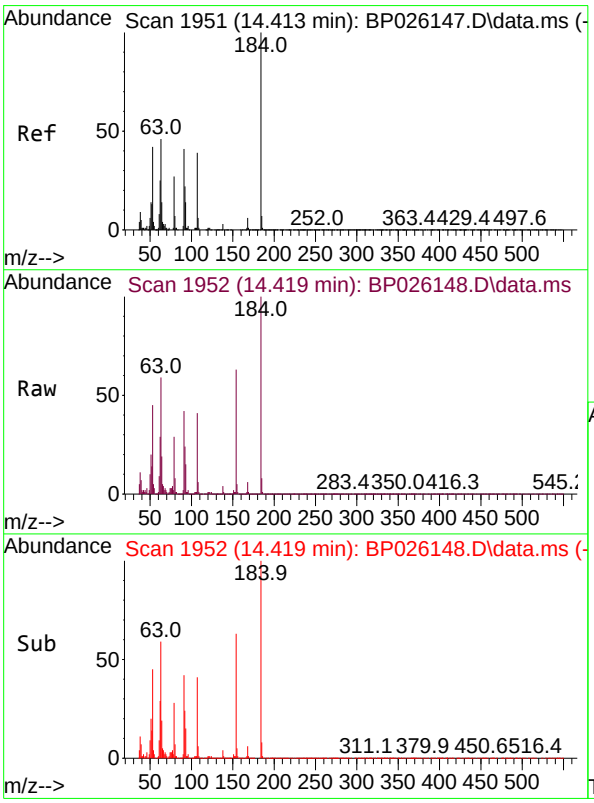

#53
3-Nitroaniline
Concen: 61.795 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:138 Resp: 725831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 8.9 | 13.3 |
| 92 | 105.0 | 86.3 | 129.5 |

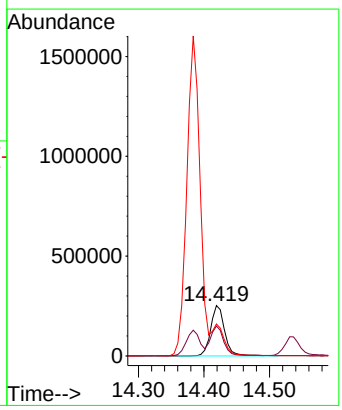


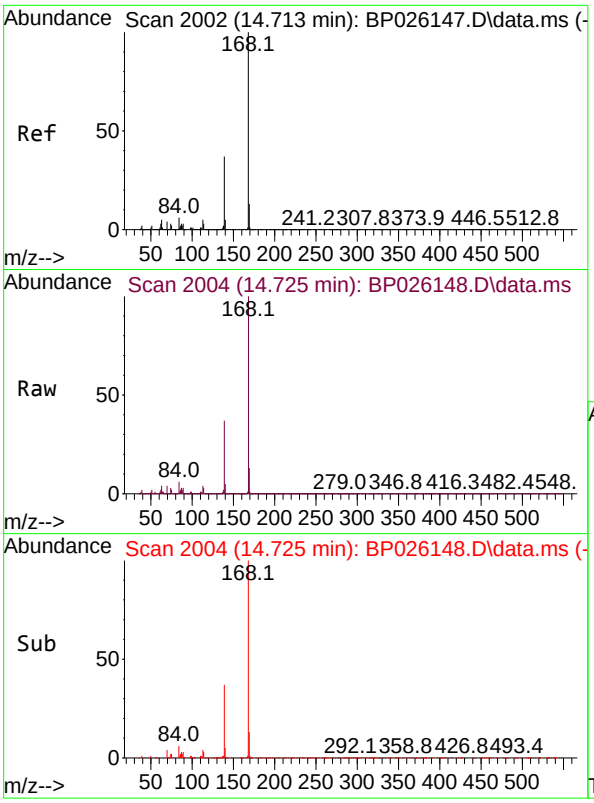




#54
2,4-Dinitrophenol
Concen: 83.625 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:184 Resp: 372594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 59.3 | 43.1 | 64.7 |
| 154 | 63.4 | 49.5 | 74.3 |



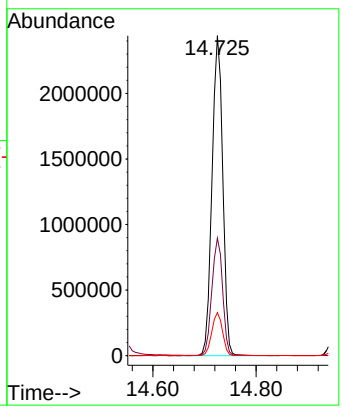


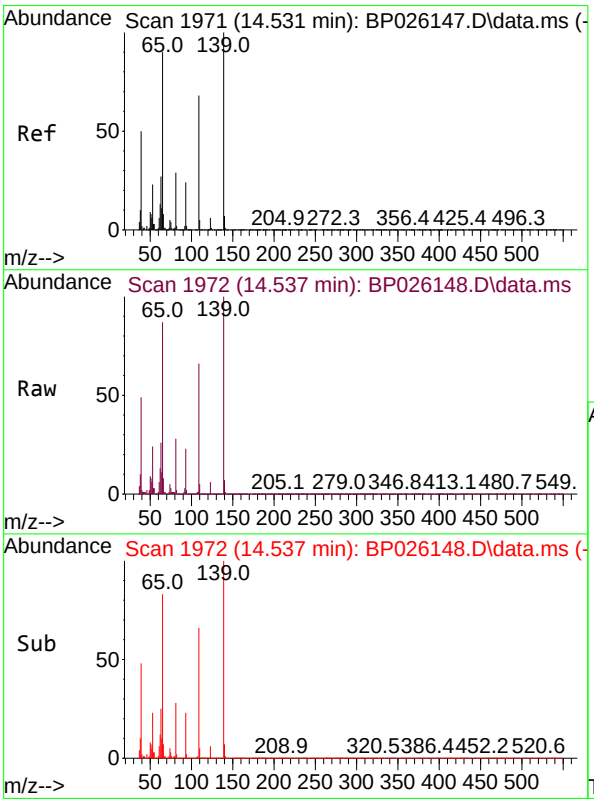

#55
Dibenzofuran
Concen: 48.822 ng
RT: 14.725 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:168 Resp: 3514504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.8 | 44.6 |
| 169 | 13.4 | 10.9 | 16.3 |

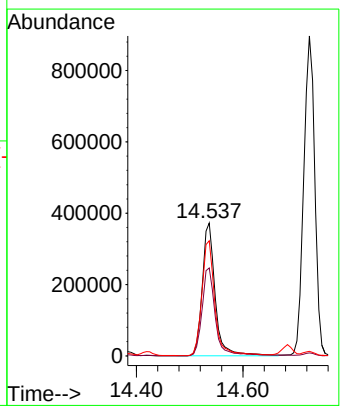


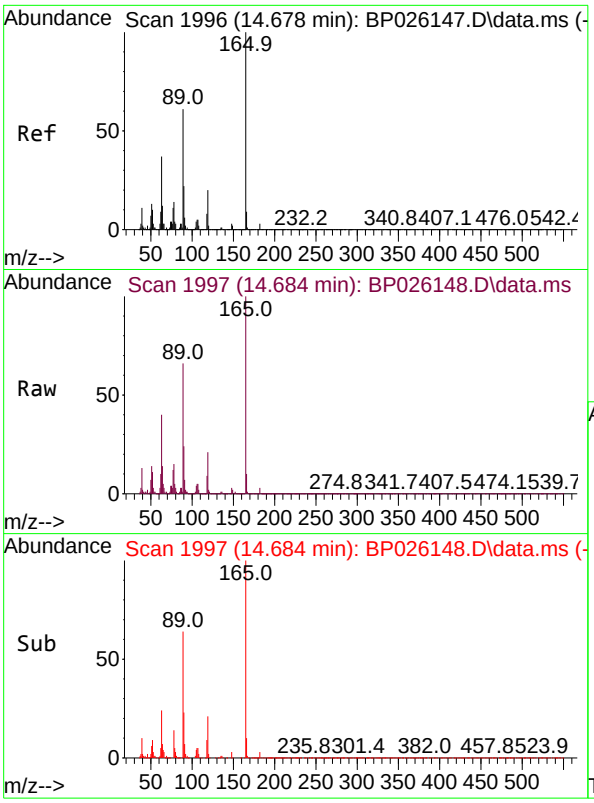




#56
4-Nitrophenol
Concen: 53.593 ng
RT: 14.537 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:139 Resp: 626548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.1 | 46.8 | 86.8 |
| 65 | 86.7 | 69.3 | 109.3 |



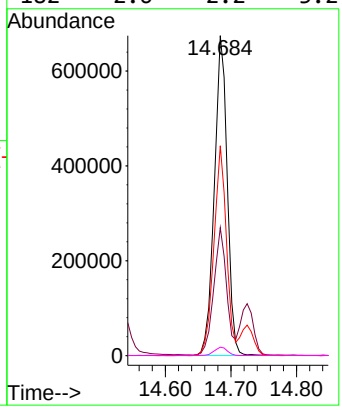


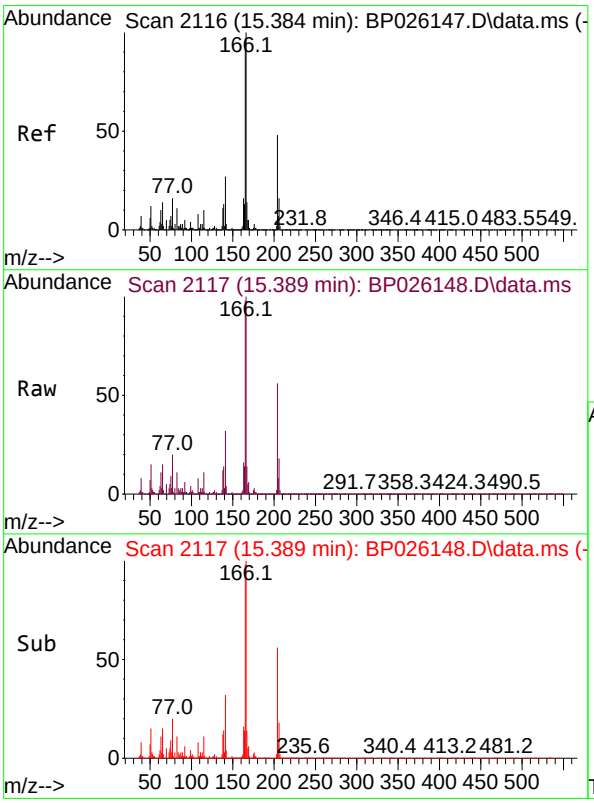

#57
2,4-Dinitrotoluene
Concen: 65.348 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:165 Resp: 925879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.0 | 31.0 | 46.6 |
| 89 | 65.6 | 51.7 | 77.5 |
| 182 | 2.6 | 2.2 | 3.2 |

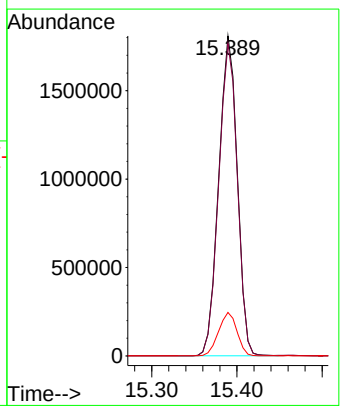


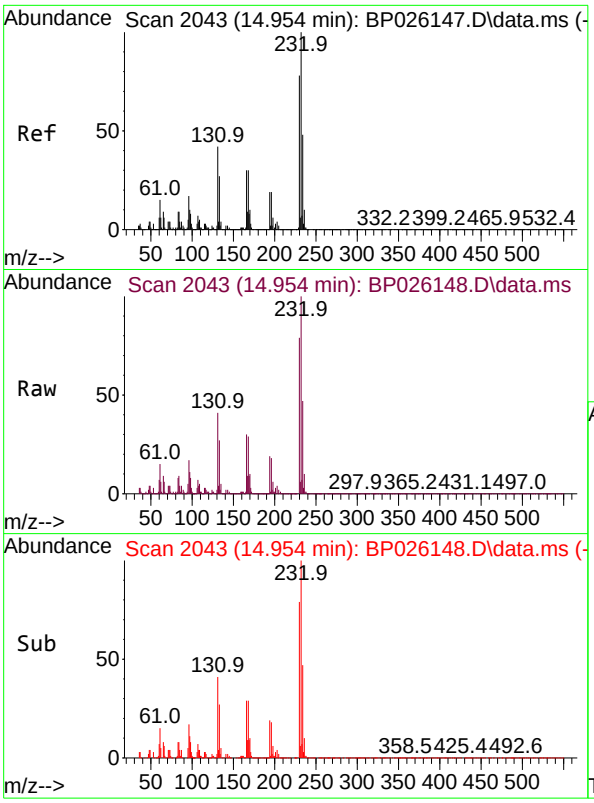




#58
Fluorene
Concen: 48.440 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:166 Resp: 2739619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 77.9 | 116.9 |
| 167 | 13.6 | 11.0 | 16.4 |



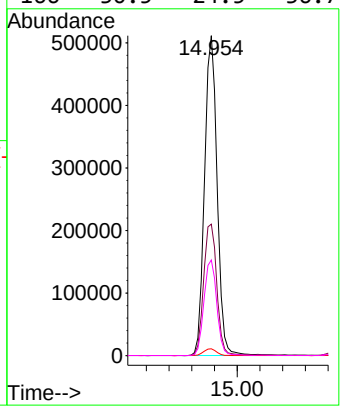


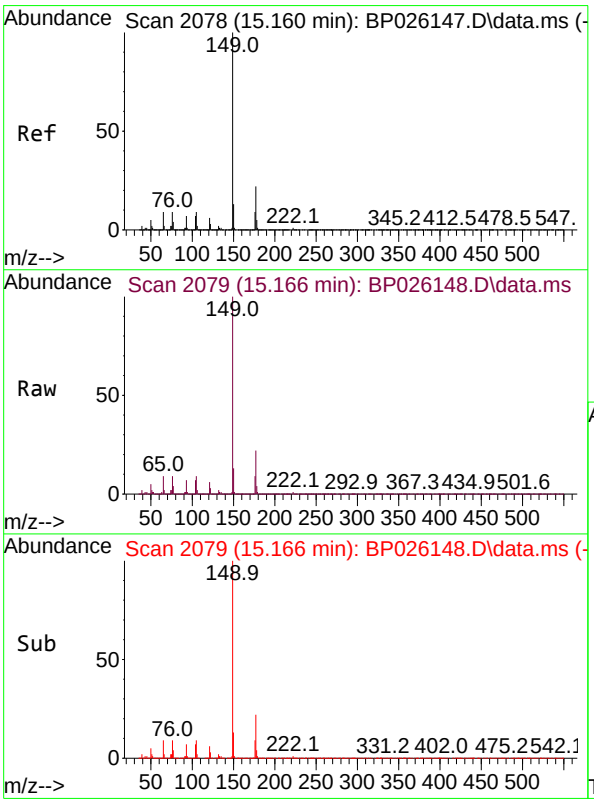

#59
2,3,4,6-Tetrachlorophenol
Concen: 59.606 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:232 Resp: 791779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.1 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.5 | 24.5 | 36.7 |

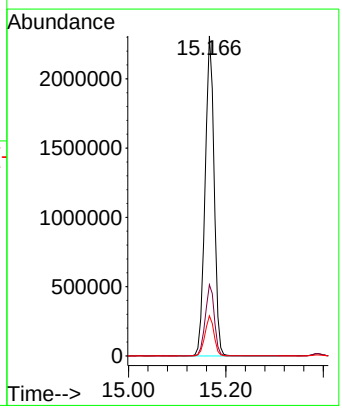


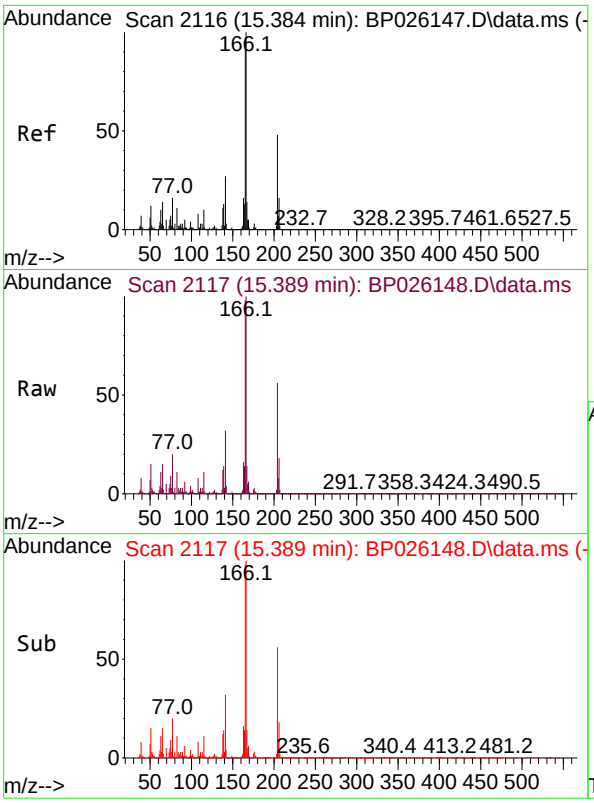




#60
Diethylphthalate
Concen: 51.232 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 2976494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.9 | 26.9 |
| 150 | 12.5 | 9.9 | 14.9 |



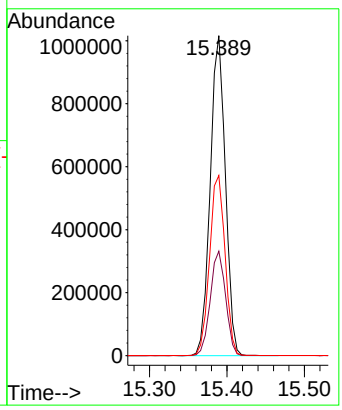


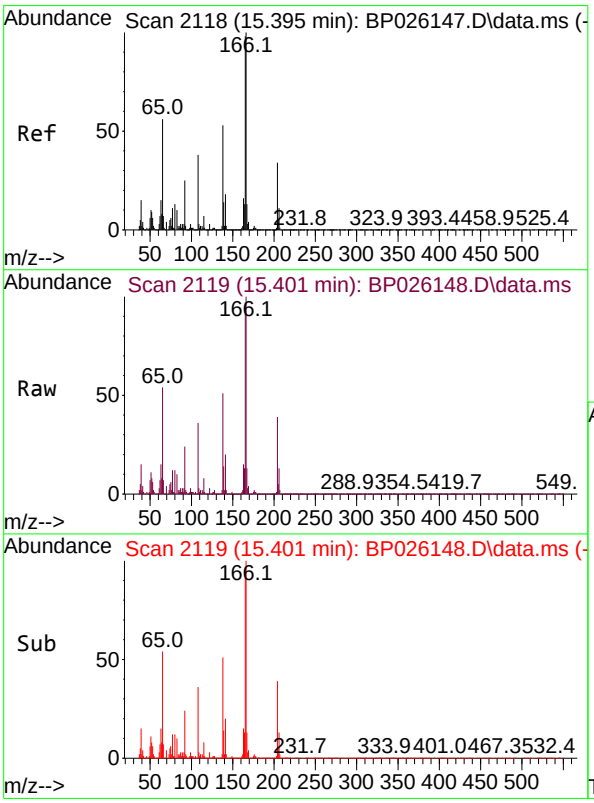

#61
4-Chlorophenyl-phenylether
Concen: 48.888 ng
RT: 15.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:204 Resp: 1378247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.6 | 26.2 | 39.2 |
| 141 | 56.3 | 48.1 | 72.1 |

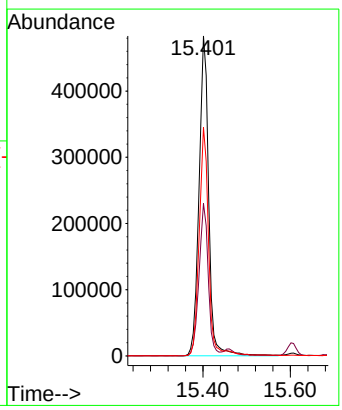


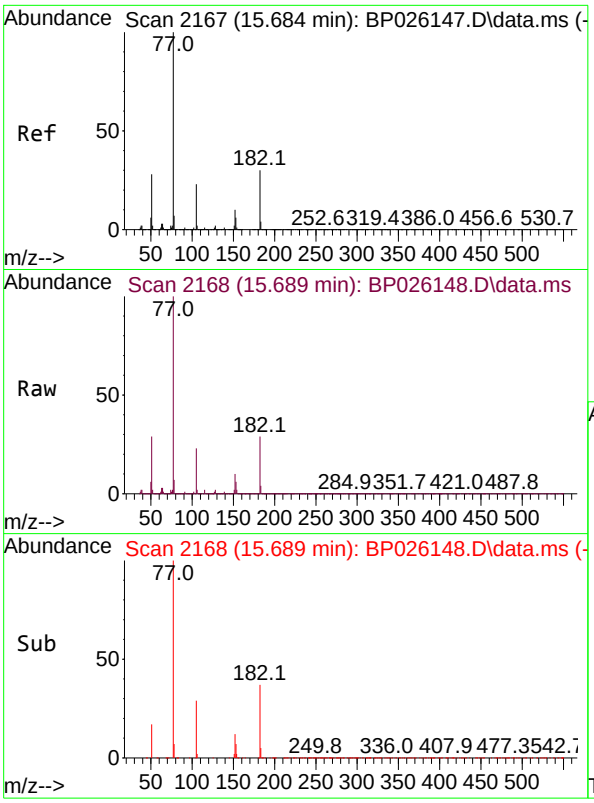




#62
4-Nitroaniline
Concen: 58.965 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:138 Resp: 734482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.6 | 27.5 | 67.5 |
| 108 | 71.4 | 51.1 | 91.1 |



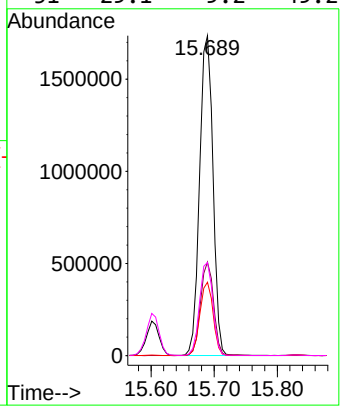


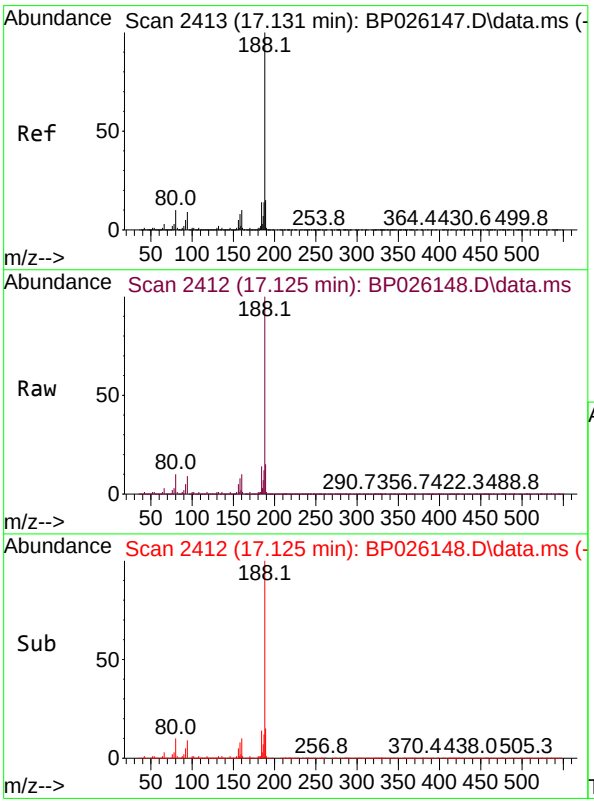

#63
Azobenzene
Concen: 48.803 ng
RT: 15.689 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion: 77 Resp: 2549241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.2 | 8.8 | 48.8 |
| 105 | 22.9 | 2.6 | 42.6 |
| 51 | 29.1 | 9.2 | 49.2 |

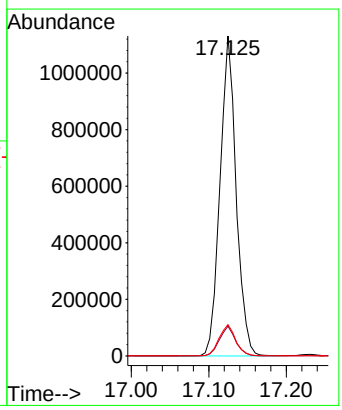


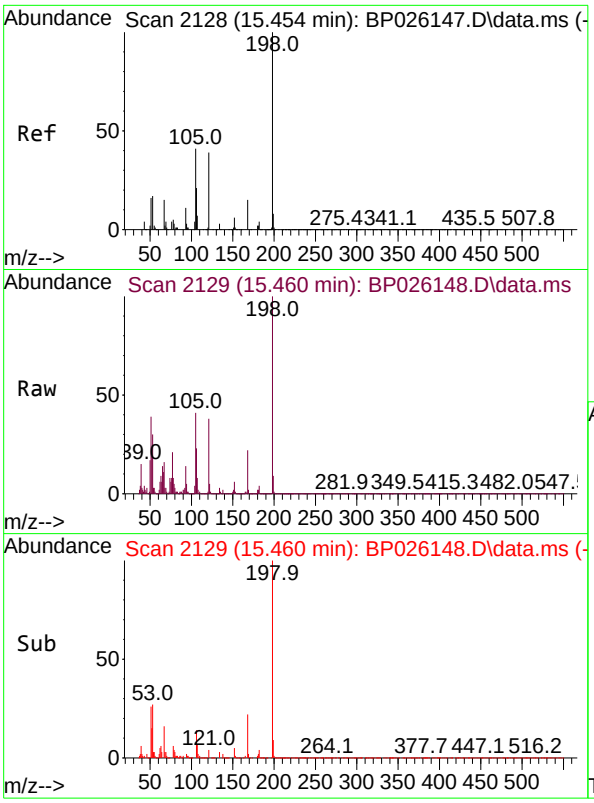




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:188 Resp: 1640808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.8 | 11.6 |
| 80 | 9.8 | 8.2 | 12.2 |



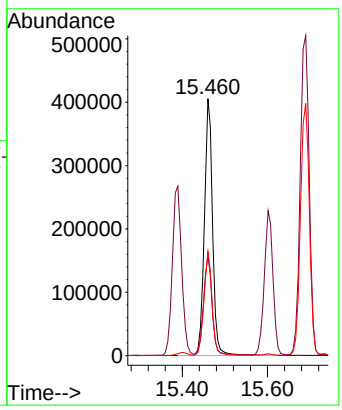


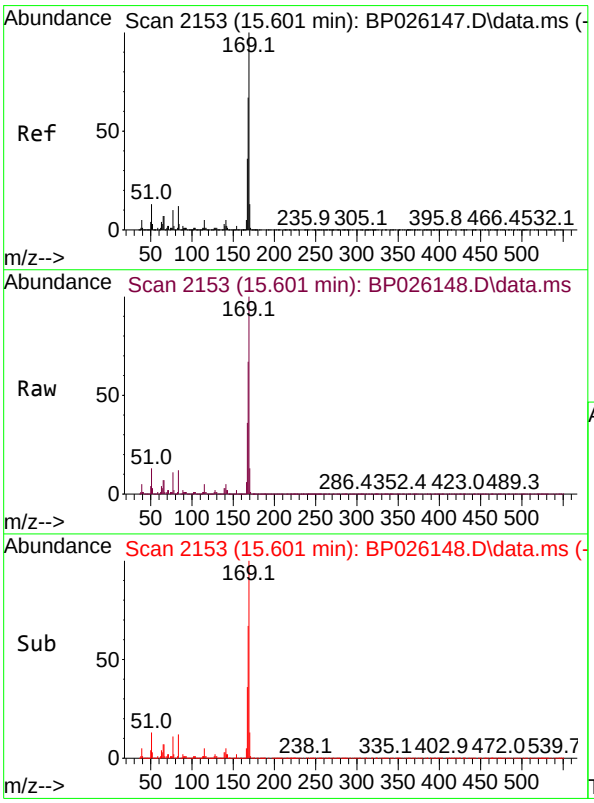

#65
4,6-Dinitro-2-methylphenol
Concen: 77.066 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:198 Resp: 539726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 38.9 | 18.4 | 58.4 |
| 105 | 40.5 | 18.5 | 58.5 |

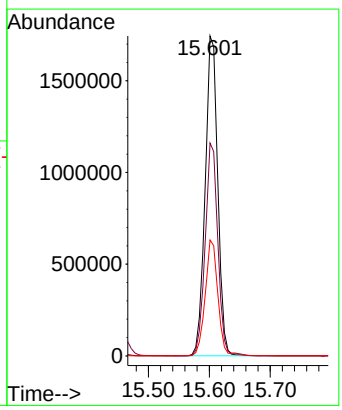


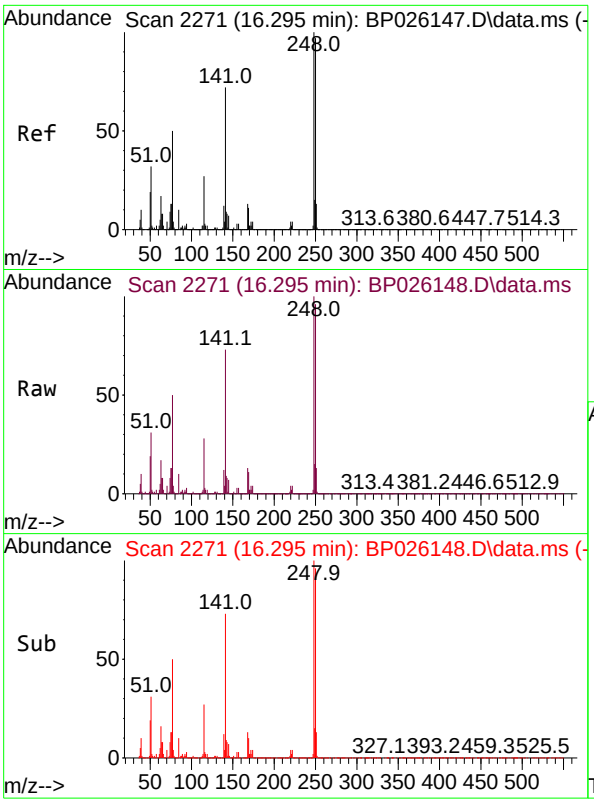




#66
n-Nitrosodiphenylamine
Concen: 48.943 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:169 Resp: 2501945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 36.3 | 28.9 | 43.3 |



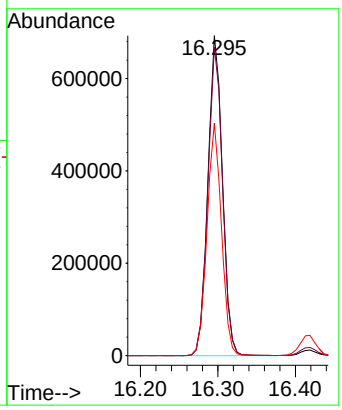


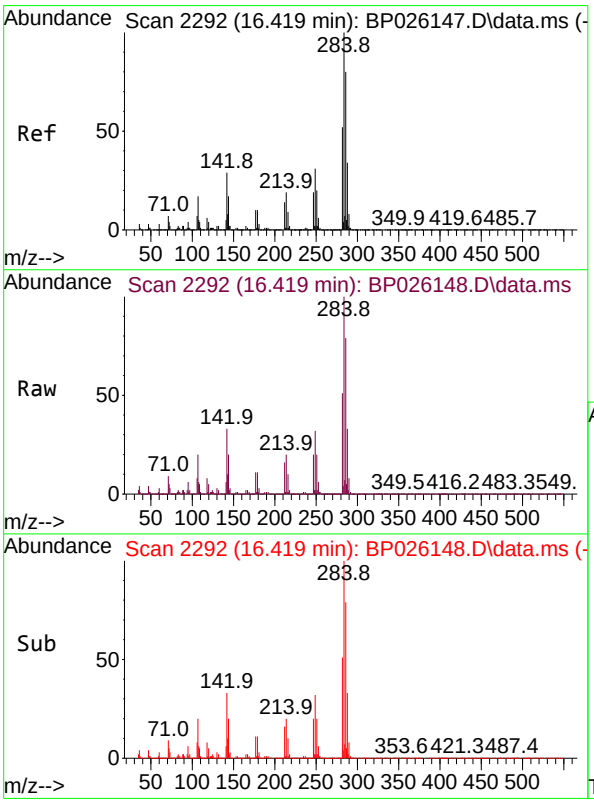

#67
4-Bromophenyl-phenylether
Concen: 49.759 ng
RT: 16.295 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:248 Resp: 906367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.4 | 77.8 | 116.6 |
| 141 | 72.6 | 55.4 | 83.0 |

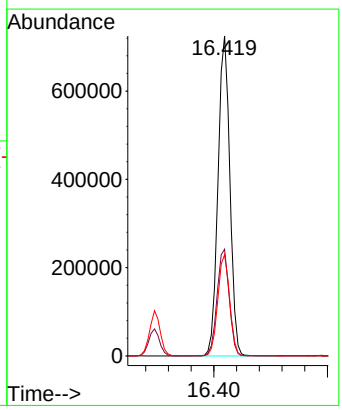


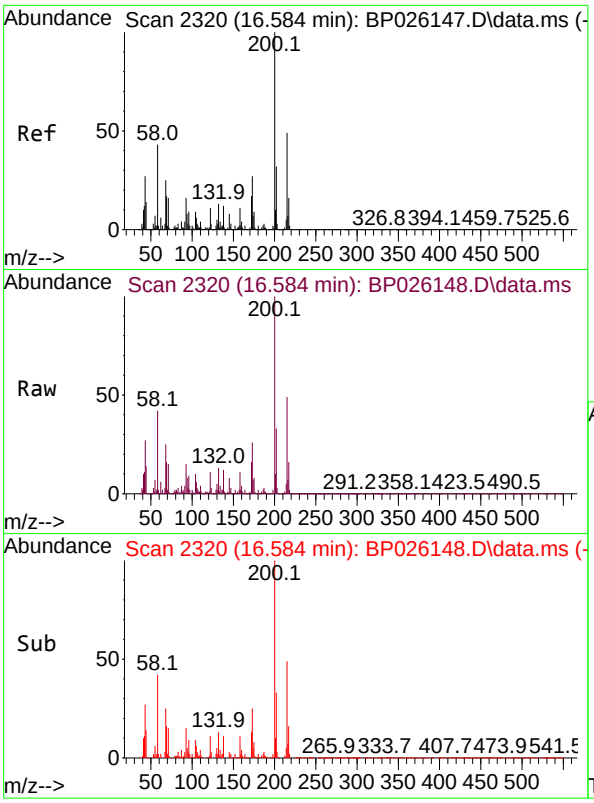




#68
Hexachlorobenzene
Concen: 50.429 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:284 Resp: 1044994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.3 | 28.0 | 42.0 |
| 249 | 31.6 | 25.0 | 37.4 |



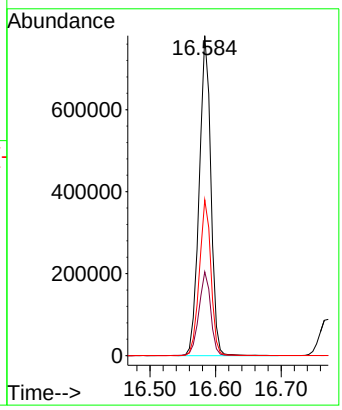


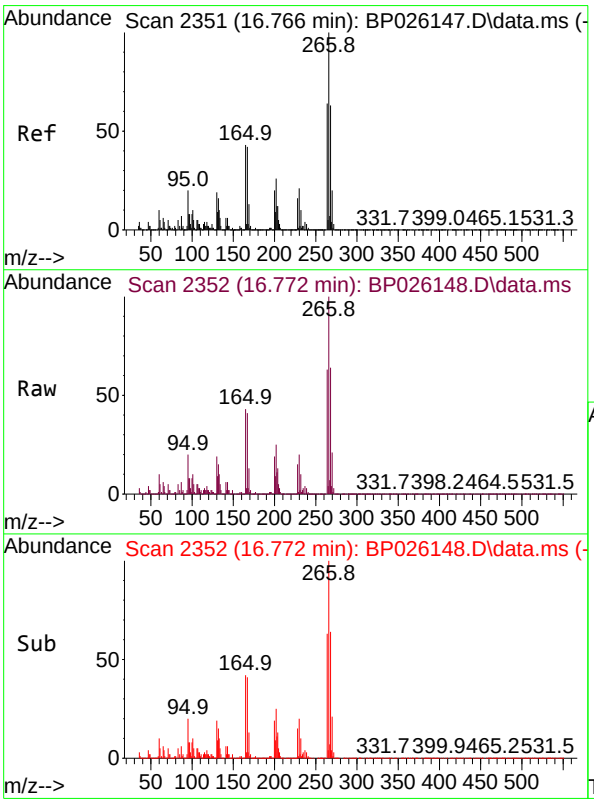

#69
Atrazine
Concen: 54.471 ng
RT: 16.584 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:200 Resp: 954570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.2 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |

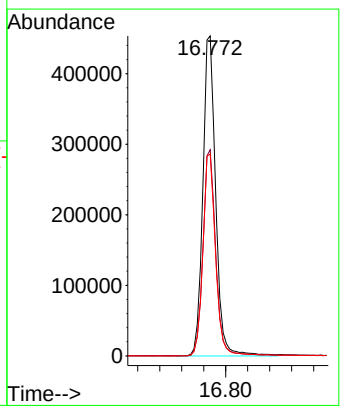


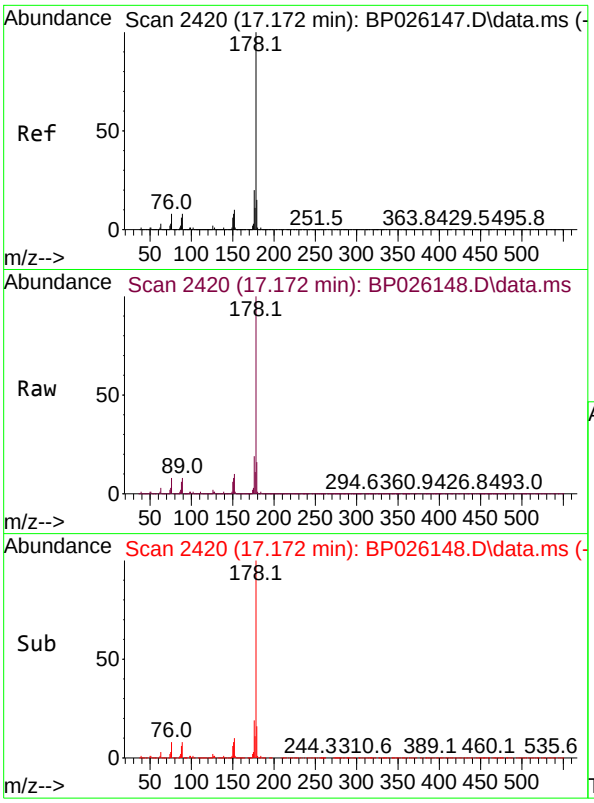




#70
Pentachlorophenol
Concen: 56.819 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:266 Resp: 733498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.4 | 51.0 | 76.4 |
| 264 | 63.1 | 50.2 | 75.2 |



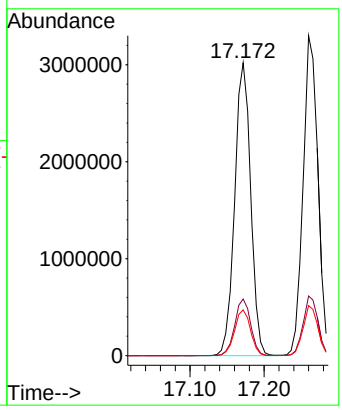


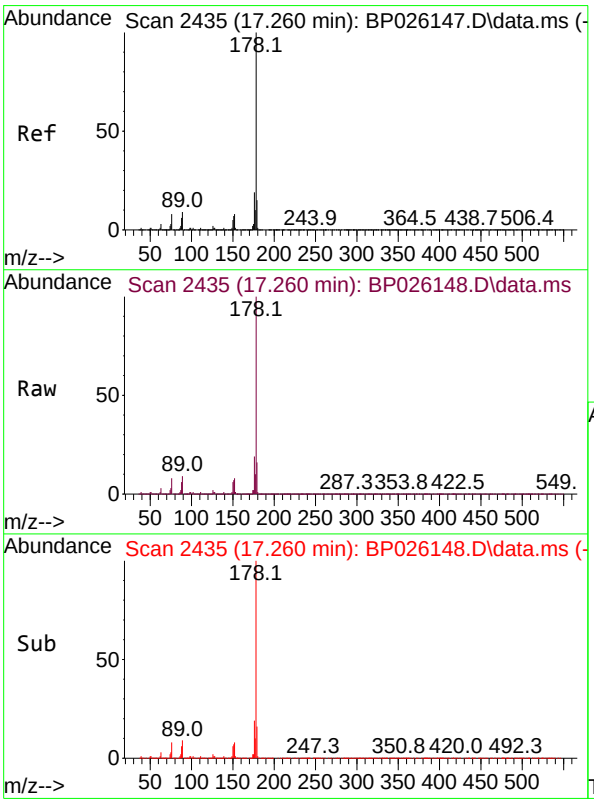

#71
Phenanthrene
Concen: 47.698 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:178 Resp: 4521516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.4 | 23.2 |
| 179 | 15.6 | 12.4 | 18.6 |

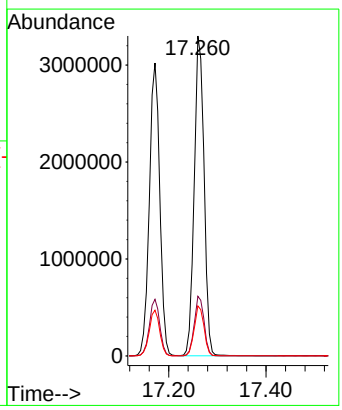


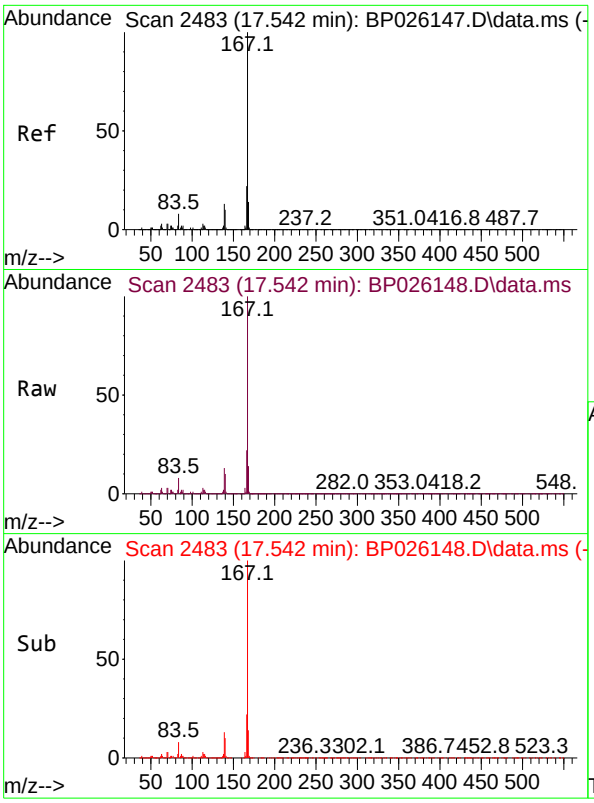




#72
Anthracene
Concen: 48.679 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:178 Resp: 4603902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |



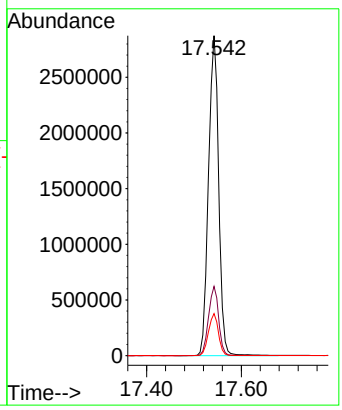


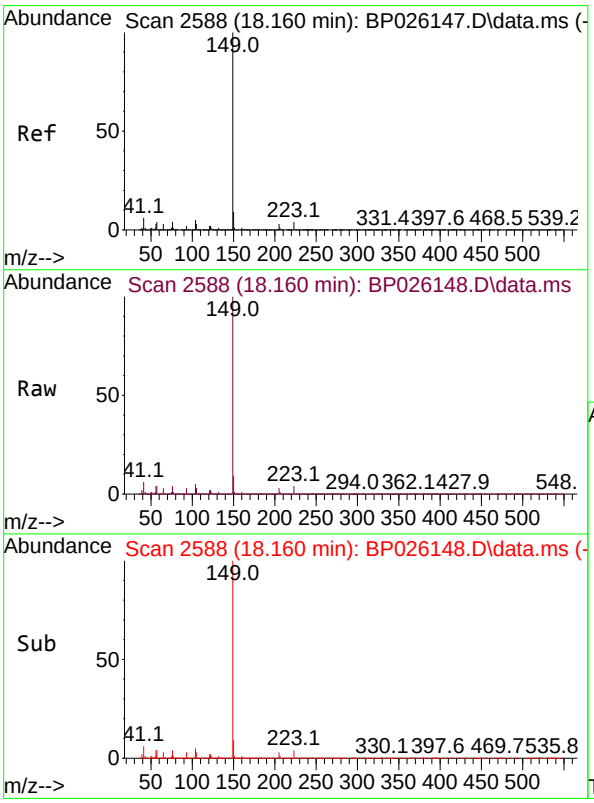

#73
Carbazole
Concen: 48.149 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:167 Resp: 4285462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 17.1 | 25.7 |
| 139 | 13.1 | 10.2 | 15.4 |

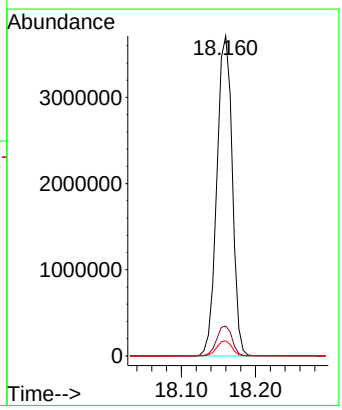


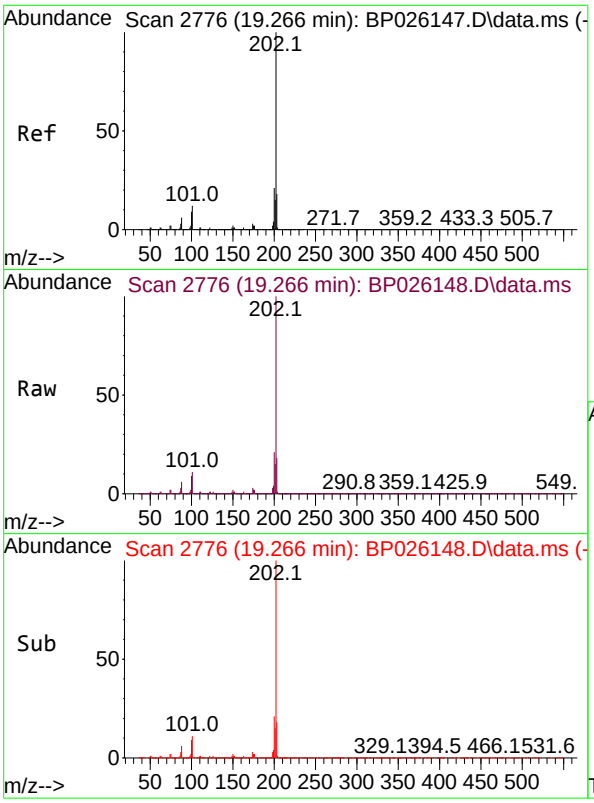




#74
Di-n-butylphthalate
Concen: 53.150 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 5349681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 4.7 | 3.6 | 5.4 |



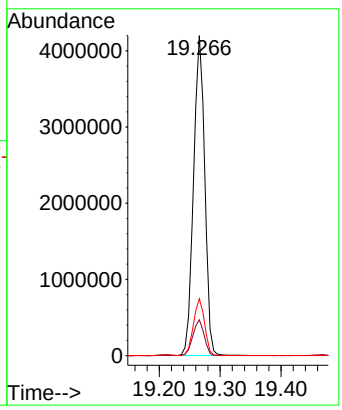


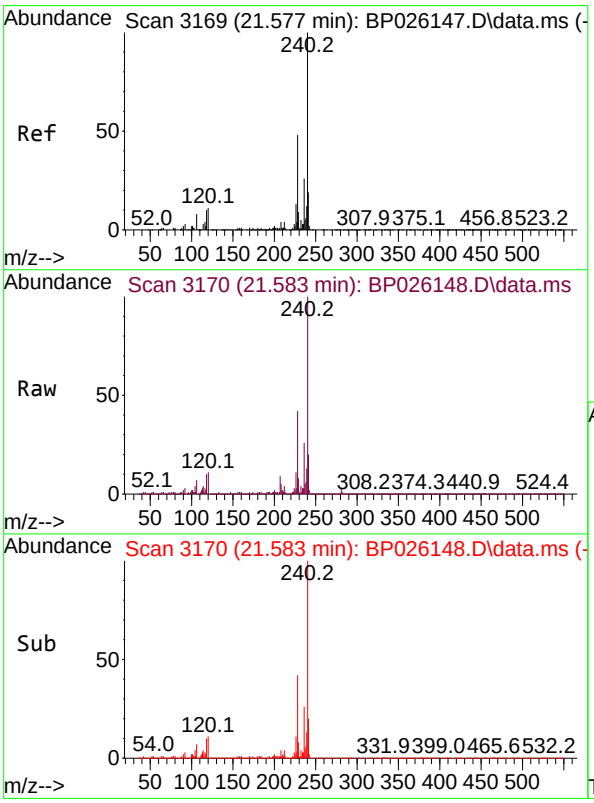

#75
Fluoranthene
Concen: 48.317 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:202 Resp: 5367252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 31.2 |
| 203 | 17.8 | 0.0 | 37.7 |

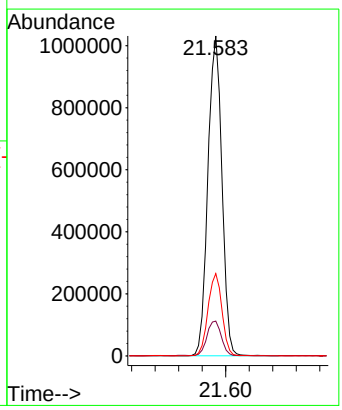


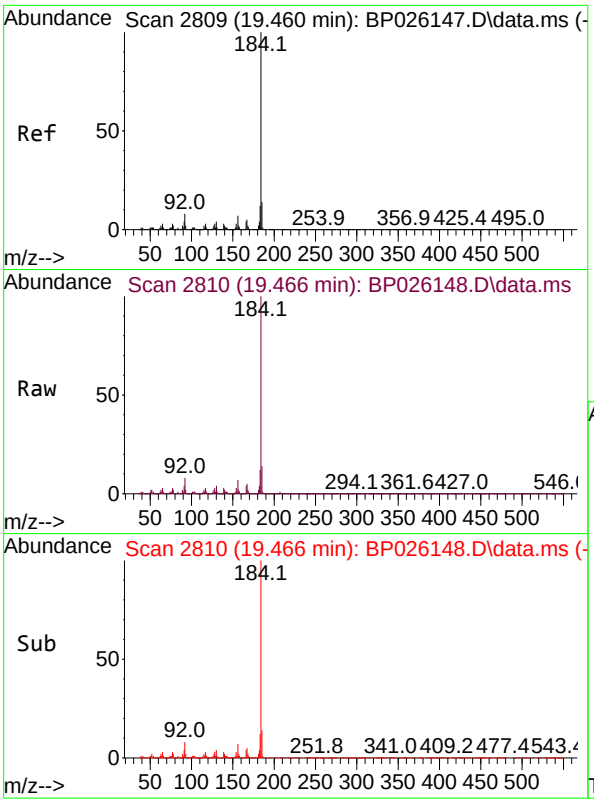




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:240 Resp: 1705823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 9.0 | 13.4 |
| 236 | 25.7 | 20.4 | 30.6 |



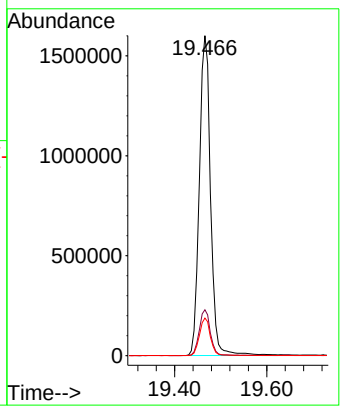


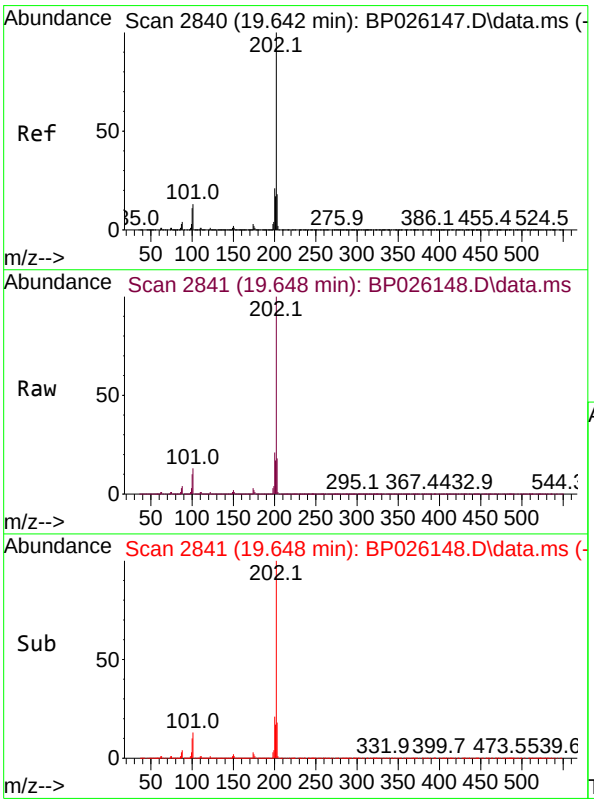

#77
Benzidine
Concen: 60.082 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:184 Resp: 2691261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.3 | 16.9 |
| 183 | 11.7 | 9.0 | 13.6 |

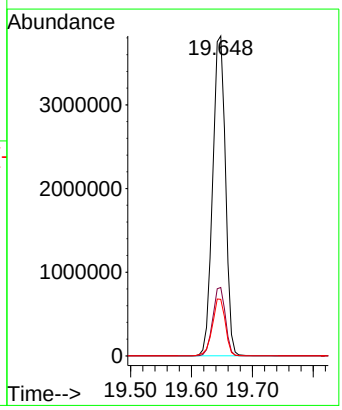


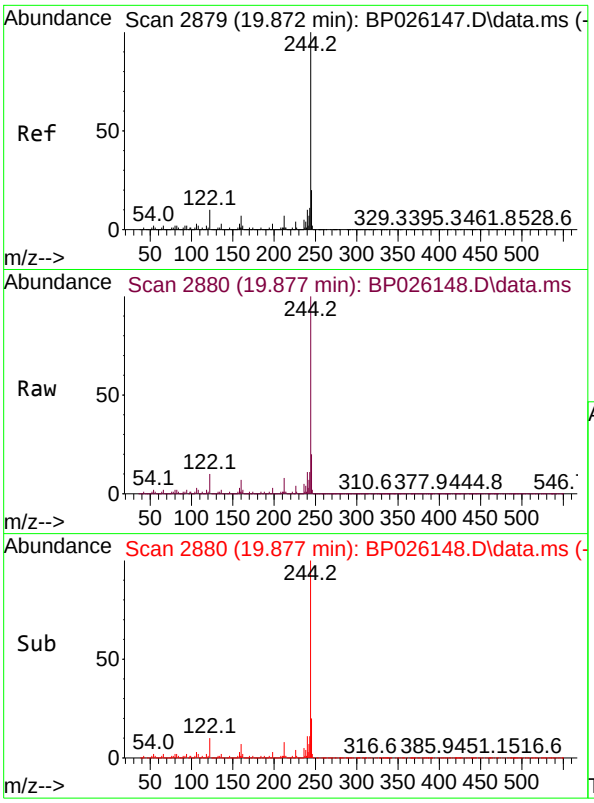




#78
Pyrene
Concen: 49.020 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:202 Resp: 5584319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 16.9 | 25.3 |
| 203 | 17.7 | 13.8 | 20.8 |



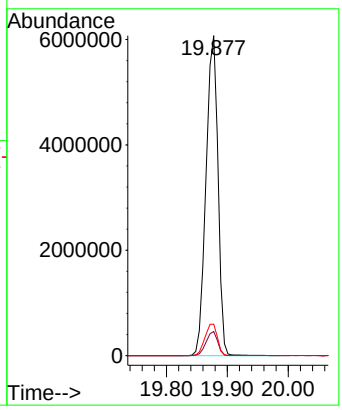


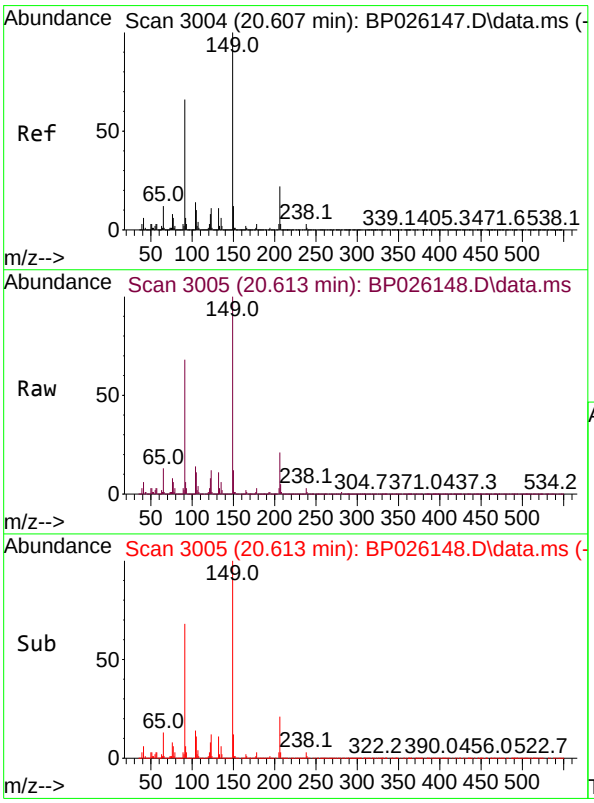

#79
Terphenyl-d14
Concen: 98.986 ng
RT: 19.877 min Scan# 28
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:244 Resp: 8280260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 5.8 | 8.8 |
| 122 | 9.8 | 8.2 | 12.2 |

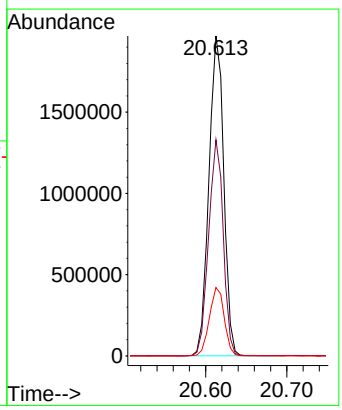


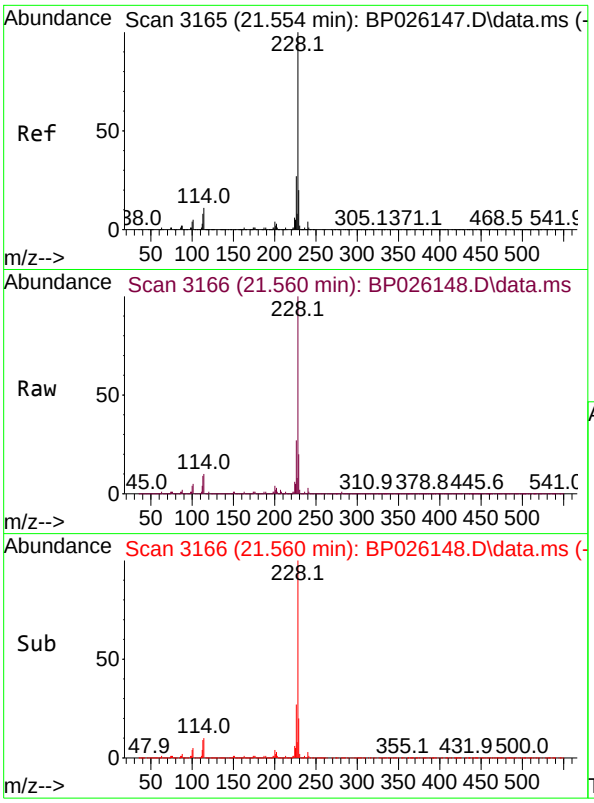




#80
Butylbenzylphthalate
Concen: 65.680 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 2508473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.5 | 52.6 | 79.0 |
| 206 | 21.4 | 16.9 | 25.3 |



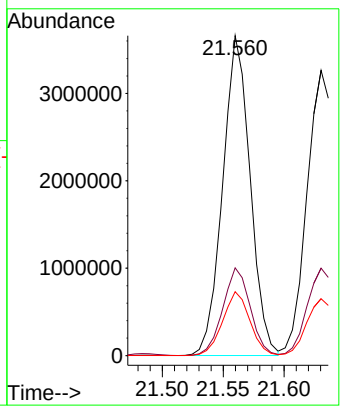


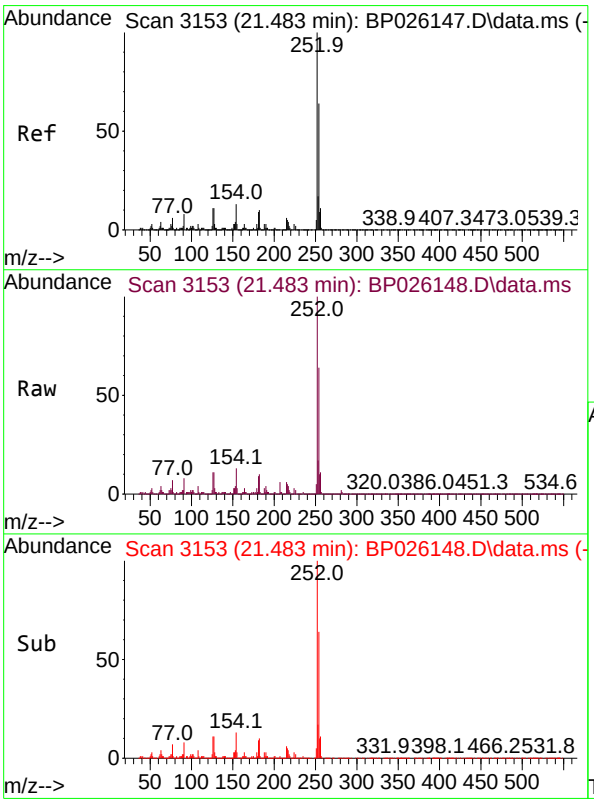

#81
Benzo(a)anthracene
Concen: 49.402 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp: 5754455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 21.8 | 32.8 |
| 229 | 20.0 | 15.9 | 23.9 |

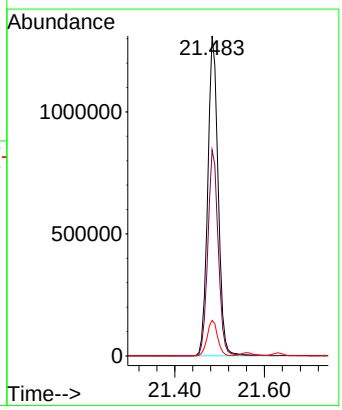


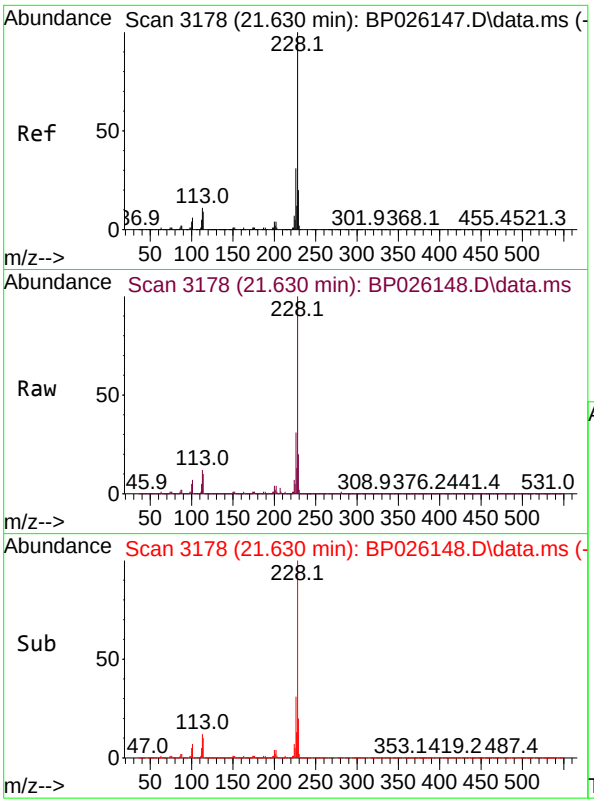




#82
3,3'-Dichlorobenzidine
Concen: 54.722 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 2099346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.4 | 51.2 | 76.8 |
| 126 | 11.1 | 8.2 | 12.4 |



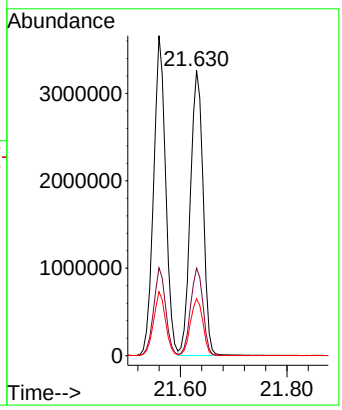


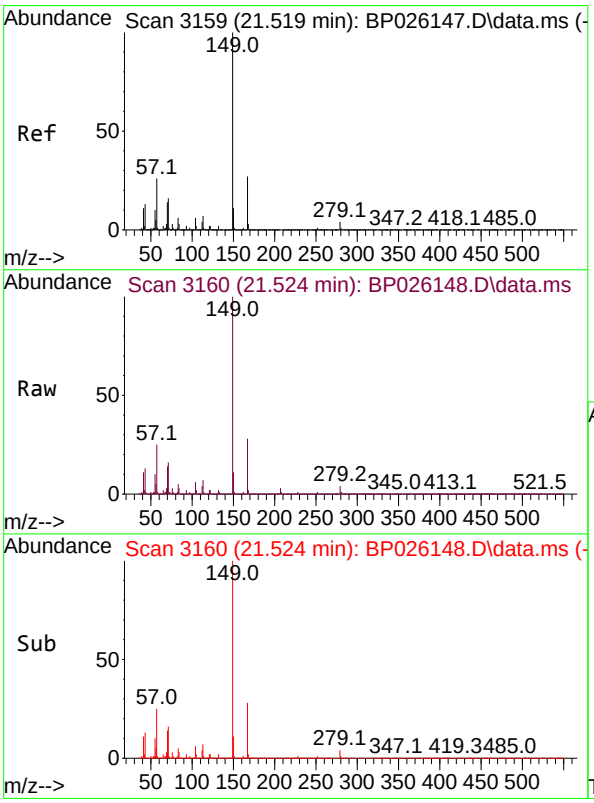

#83
Chrysene
Concen: 48.904 ng
RT: 21.630 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:228 Resp: 5399638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 23.9 | 35.9 |
| 229 | 20.0 | 15.9 | 23.9 |

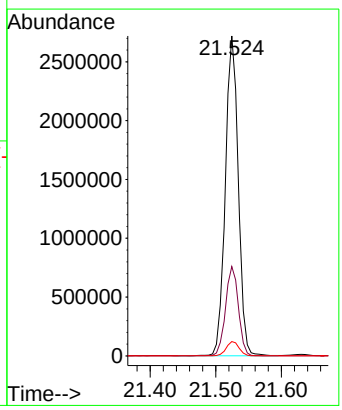


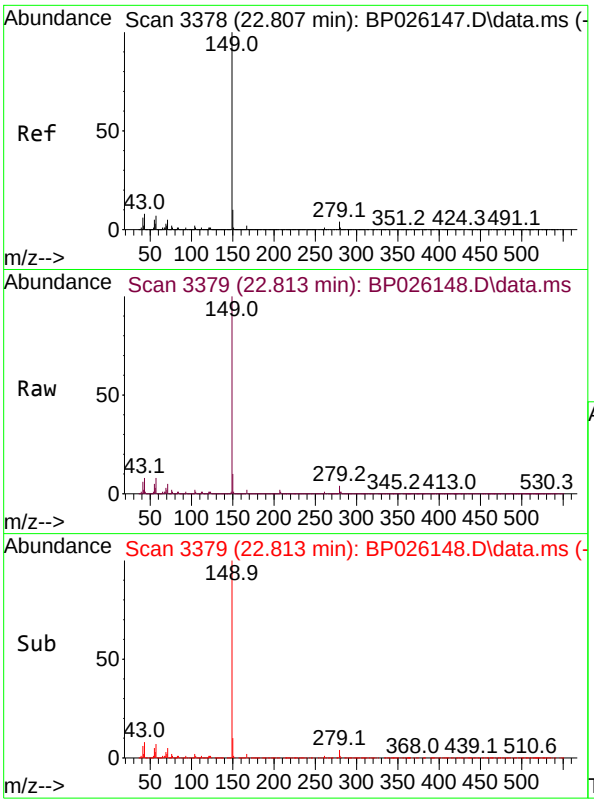




#84
Bis(2-ethylhexyl)phthalate
Concen: 59.805 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 3735211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.1 | 33.1 |
| 279 | 4.5 | 3.3 | 4.9 |



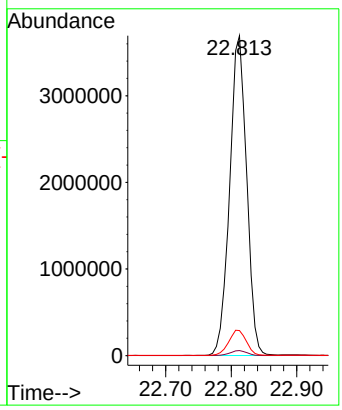


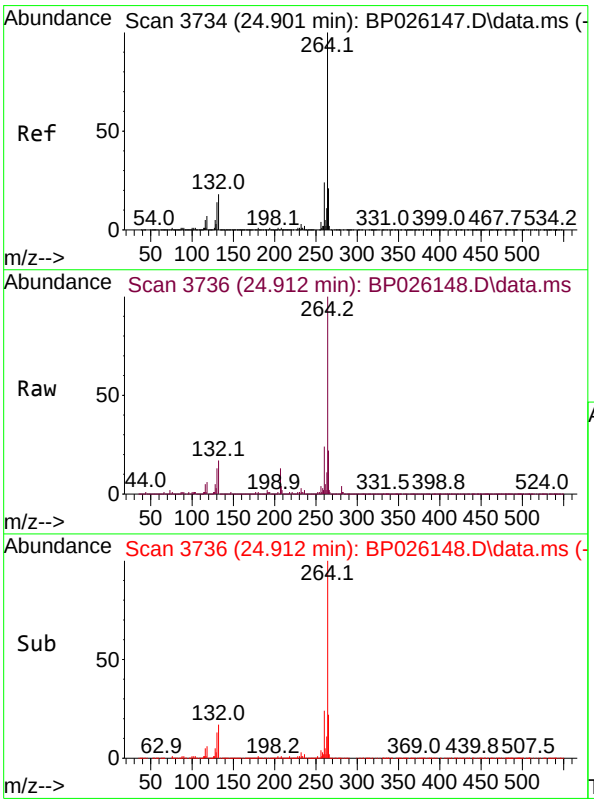

#85
Di-n-octyl phthalate
Concen: 62.248 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:149 Resp: 6624425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.1 | 6.6 | 10.0 |

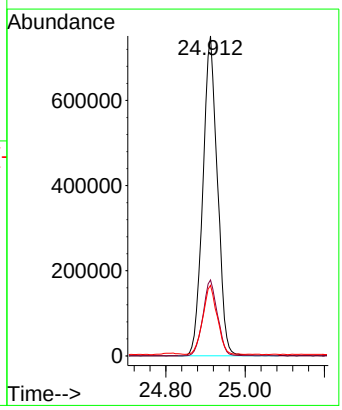


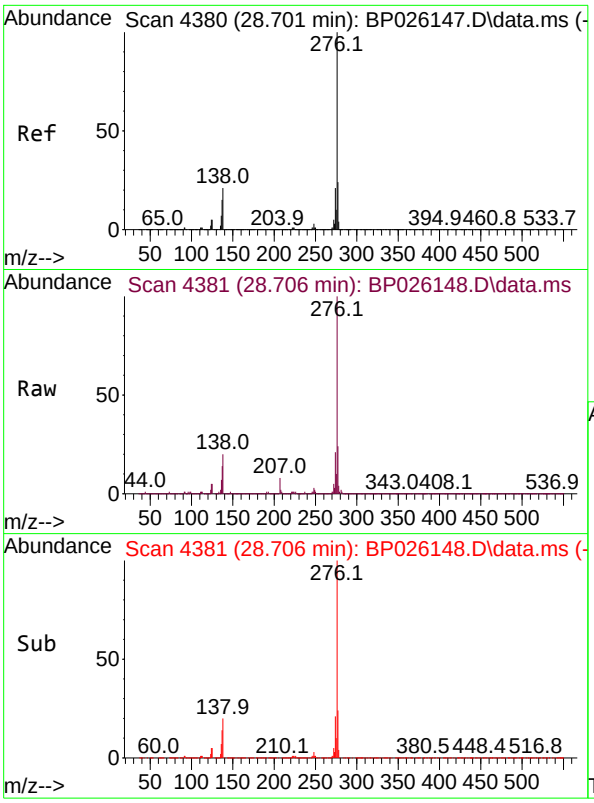




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:264 Resp: 1916962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.7 | 28.1 |
| 265 | 22.0 | 17.5 | 26.3 |



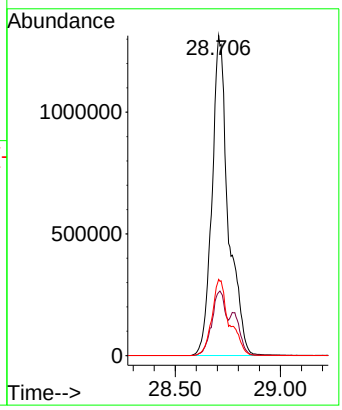


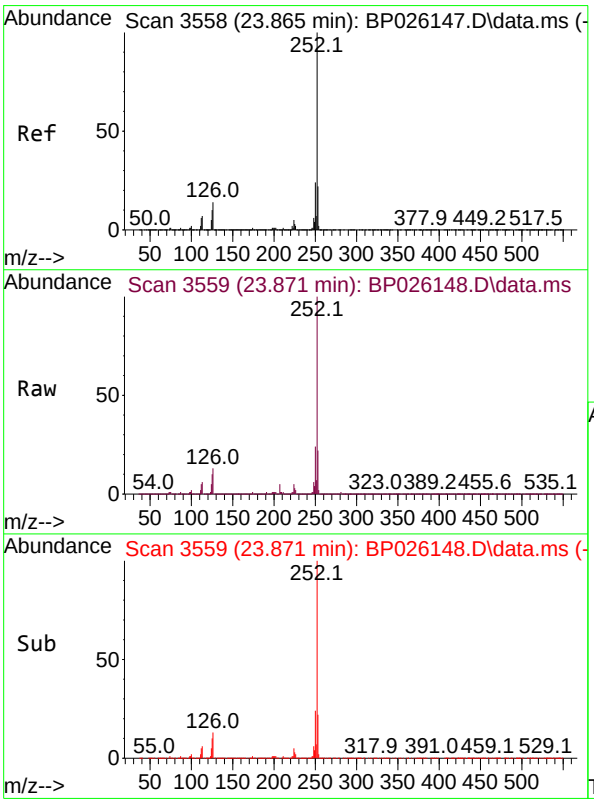

#87
Indeno(1,2,3-cd)pyrene
Concen: 50.540 ng
RT: 28.706 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:276 Resp: 7108078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.3 | 13.8 | 20.8 |
| 277 | 25.3 | 16.7 | 25.1# |

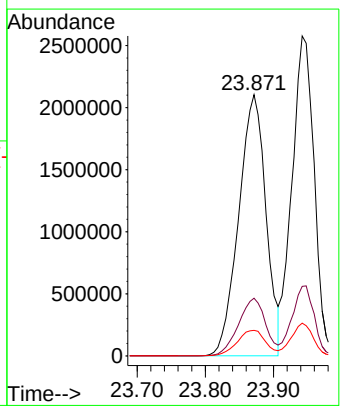


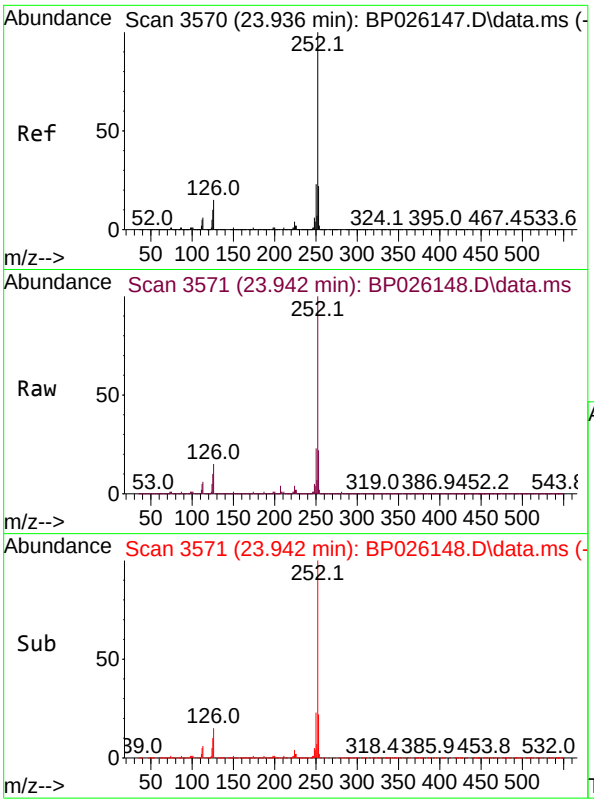




#88
Benzo(b)fluoranthene
Concen: 49.795 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 5855690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 9.8 | 8.2 | 12.4 |



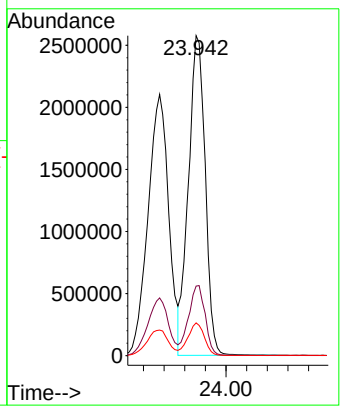


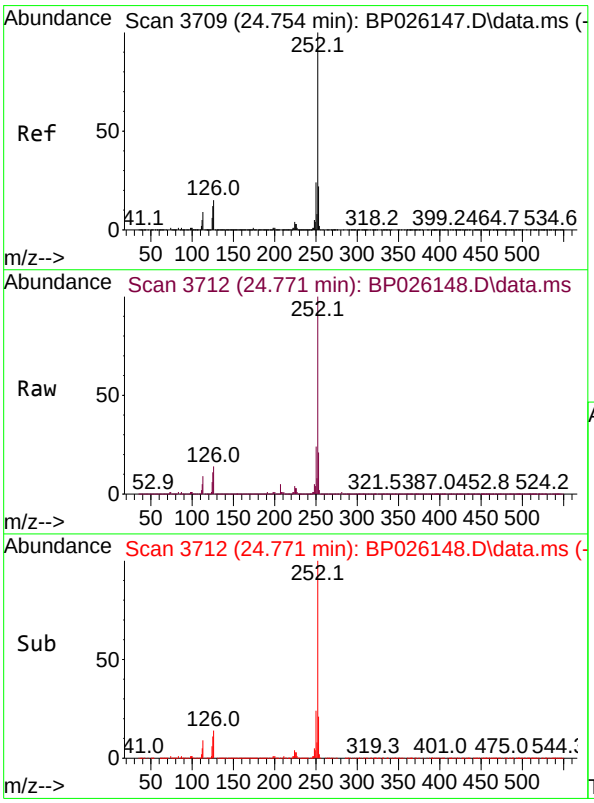

#89
Benzo(k)fluoranthene
Concen: 48.345 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:252 Resp: 5812408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.6 | 26.4 |
| 125 | 10.2 | 7.5 | 11.3 |

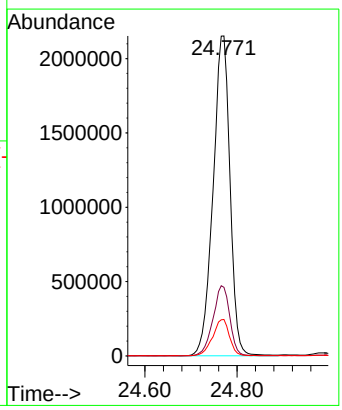


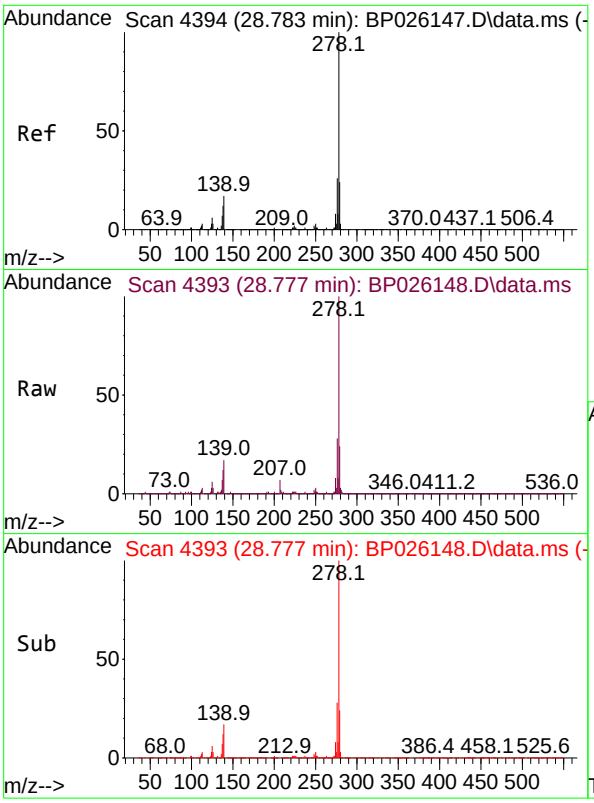




#90
Benzo(a)pyrene
Concen: 50.567 ng
RT: 24.771 min Scan# 3712
Delta R.T. 0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 5498511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.4 | 26.2 |
| 125 | 11.4 | 9.0 | 13.6 |



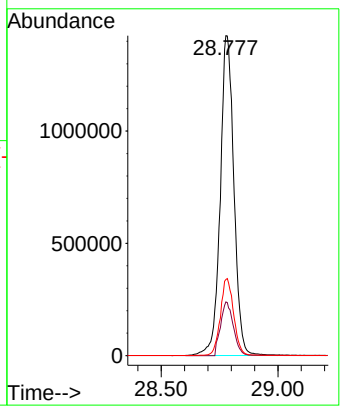


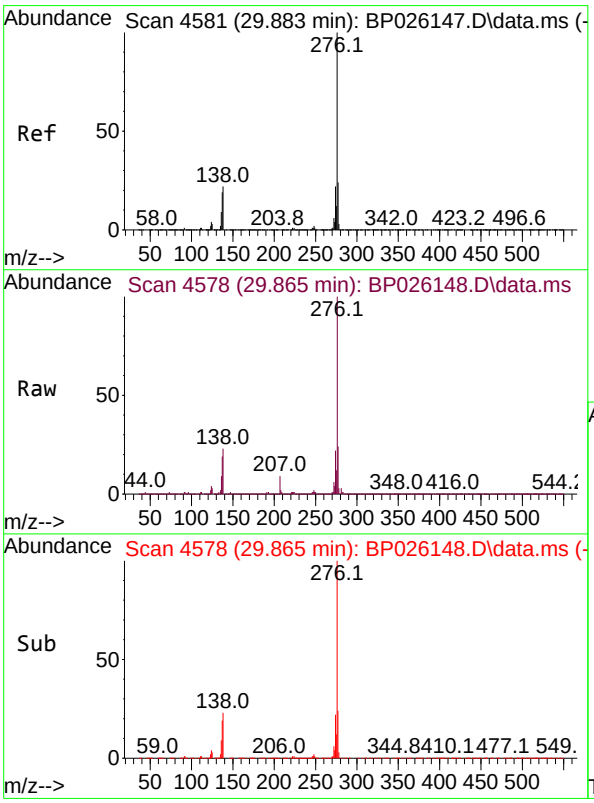

#91
Dibenzo(a,h)anthracene
Concen: 50.535 ng
RT: 28.777 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC050

Tgt Ion:278 Resp: 5794869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.8 | 13.2 | 19.8 |
| 279 | 23.8 | 19.2 | 28.8 |

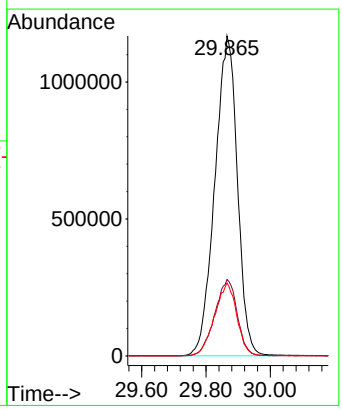



#92
Benzo(g,h,i)perylene
Concen: 51.276 ng
RT: 29.865 min Scan# 4578
Delta R.T. -0.018 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:276 Resp: 5679489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 18.8 | 28.2 |
| 138 | 22.8 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 314197 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1293043 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 796804 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.131 | 188 | 1609780 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1696557 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.924 | 264 | 2032089 | 20.000 | ng | | 0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 2372047 | 121.142 | ng | | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 3028199 | 121.372 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 2754539 | 120.813 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.837 | 330 | 1244554 | 120.534 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 6333636 | 115.965 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.872 | 244 | 9339644 | 112.262 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.220 | 88 | 476245 | 59.785 | ng | | 99 |
| 3) Pyridine | 3.614 | 79 | 1382108 | 60.186 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.520 | 42 | 517563 | 60.473 | ng | | 95 |
| 6) Aniline | 7.008 | 93 | 2004653 | 60.994 | ng | | 99 |
| 8) 2-Chlorophenol | 7.243 | 128 | 1356198 | 60.900 | ng | | 99 |
| 9) Benzaldehyde | 6.819 | 77 | 765301 | 71.224 | ng | | 99 |
| 10) Phenol | 6.878 | 94 | 1642143 | 61.164 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 1261123 | 60.197 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.561 | 146 | 1430521 | 59.655 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 1443827 | 59.788 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 1385870 | 59.657 | ng | | 99 |
| 15) Benzyl Alcohol | 7.908 | 79 | 1096741 | 60.077 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 1745357 | 58.925 | ng | | 99 |
| 17) 2-Methylphenol | 8.108 | 107 | 1112503 | 60.841 | ng | | 99 |
| 18) Hexachloroethane | 8.743 | 117 | 525228 | 59.675 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 919437 | 59.177 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 1508814 | 59.338 | ng | | 100 |
| 22) Acetophenone | 8.484 | 105 | 1966749 | 59.787 | ng | # | 99 |
| 24) Nitrobenzene | 8.855 | 77 | 1394959 | 60.453 | ng | | 100 |
| 25) Isophorone | 9.384 | 82 | 2661277 | 58.787 | ng | | 99 |
| 26) 2-Nitrophenol | 9.555 | 139 | 744625 | 64.005 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 1267624 | 60.144 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.855 | 93 | 1650883 | 58.243 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 1279059 | 60.911 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.307 | 180 | 1271878 | 59.435 | ng | | 99 |
| 31) Naphthalene | 10.496 | 128 | 4106445 | 58.487 | ng | | 99 |
| 32) Benzoic acid | 9.802 | 122 | 1274317 | 75.148 | ng | | 98 |
| 33) 4-Chloroaniline | 10.596 | 127 | 1774806 | 59.551 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 820866 | 58.957 | ng | | 99 |
| 35) Caprolactam | 11.390 | 113 | 442308 | 58.493 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 1333194 | 59.672 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 2892574 | 58.205 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 2826038 | 58.118 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216 | 1458024 | 60.722 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.466 | 237 | 999826 | 63.796 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 1019369 | 61.691 | ng | | 99 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.796 | 196 | 1129527 | 61.302 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.131 | 154 | 3595006 | 60.111 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.172 | 162 | 2855986 | 60.741 | ng | 100 |
| 48) 2-Nitroaniline | 13.372 | 65 | 833079 | 63.445 | ng | 97 |
| 49) Acenaphthylene | 14.031 | 152 | 4662622 | 59.935 | ng | 100 |
| 50) Dimethylphthalate | 13.766 | 163 | 3514882 | 59.198 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.884 | 165 | 748865 | 63.777 | ng | 98 |
| 52) Acenaphthene | 14.384 | 154 | 2756036 | 60.573 | ng | 100 |
| 53) 3-Nitroaniline | 14.219 | 138 | 878733 | 63.349 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.419 | 184 | 462858 | 65.711 | ng | 97 |
| 55) Dibenzofuran | 14.725 | 168 | 4154597 | 58.432 | ng | 99 |
| 56) 4-Nitrophenol | 14.543 | 139 | 775308 | 61.570 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.684 | 165 | 1112352 | 63.016 | ng | 99 |
| 58) Fluorene | 15.390 | 166 | 3230615 | 57.477 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.960 | 232 | 945836 | 60.606 | ng | 100 |
| 60) Diethylphthalate | 15.166 | 149 | 3494483 | 58.065 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.390 | 204 | 1609638 | 57.693 | ng | 98 |
| 62) 4-Nitroaniline | 15.407 | 138 | 898849 | 61.908 | ng | 99 |
| 63) Azobenzene | 15.690 | 77 | 2992722 | 59.189 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.466 | 198 | 645829 | 63.752 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.607 | 169 | 2939838 | 59.025 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 1064991 | 59.865 | ng | 98 |
| 68) Hexachlorobenzene | 16.419 | 284 | 1225655 | 59.631 | ng | 98 |
| 69) Atrazine | 16.589 | 200 | 1106977 | 59.021 | ng | 99 |
| 70) Pentachlorophenol | 16.766 | 266 | 870320 | 60.353 | ng | 99 |
| 71) Phenanthrene | 17.172 | 178 | 5259509 | 57.751 | ng | 100 |
| 72) Anthracene | 17.266 | 178 | 5478029 | 58.894 | ng | 99 |
| 73) Carbazole | 17.548 | 167 | 5069471 | 57.610 | ng | 99 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 5907343 | 56.562 | ng | 100 |
| 75) Fluoranthene | 19.266 | 202 | 6367611 | 57.206 | ng | 100 |
| 77) Benzidine | 19.466 | 184 | 3022349 | 57.876 | ng | 100 |
| 78) Pyrene | 19.642 | 202 | 6627085 | 59.952 | ng | 99 |
| 80) Butylbenzylphthalate | 20.607 | 149 | 2824354 | 57.369 | ng | 99 |
| 81) Benzo(a)anthracene | 21.566 | 228 | 6873070 | 59.071 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.489 | 252 | 2496806 | 59.050 | ng | 99 |
| 83) Chrysene | 21.630 | 228 | 6511651 | 59.444 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.525 | 149 | 4143037 | 56.063 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.813 | 149 | 7466824 | 57.415 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.724 | 276 | 9332480m | 61.647 | ng | |
| 88) Benzo(b)fluoranthene | 23.877 | 252 | 7316006 | 59.218 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.954 | 252 | 7264550 | 58.835 | ng | 99 |
| 90) Benzo(a)pyrene | 24.765 | 252 | 6987741 | 59.626 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.795 | 278 | 7590692 | 61.180 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 29.883 | 276 | 7581255 | 61.561 | ng | 99 |

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

ICAL Form

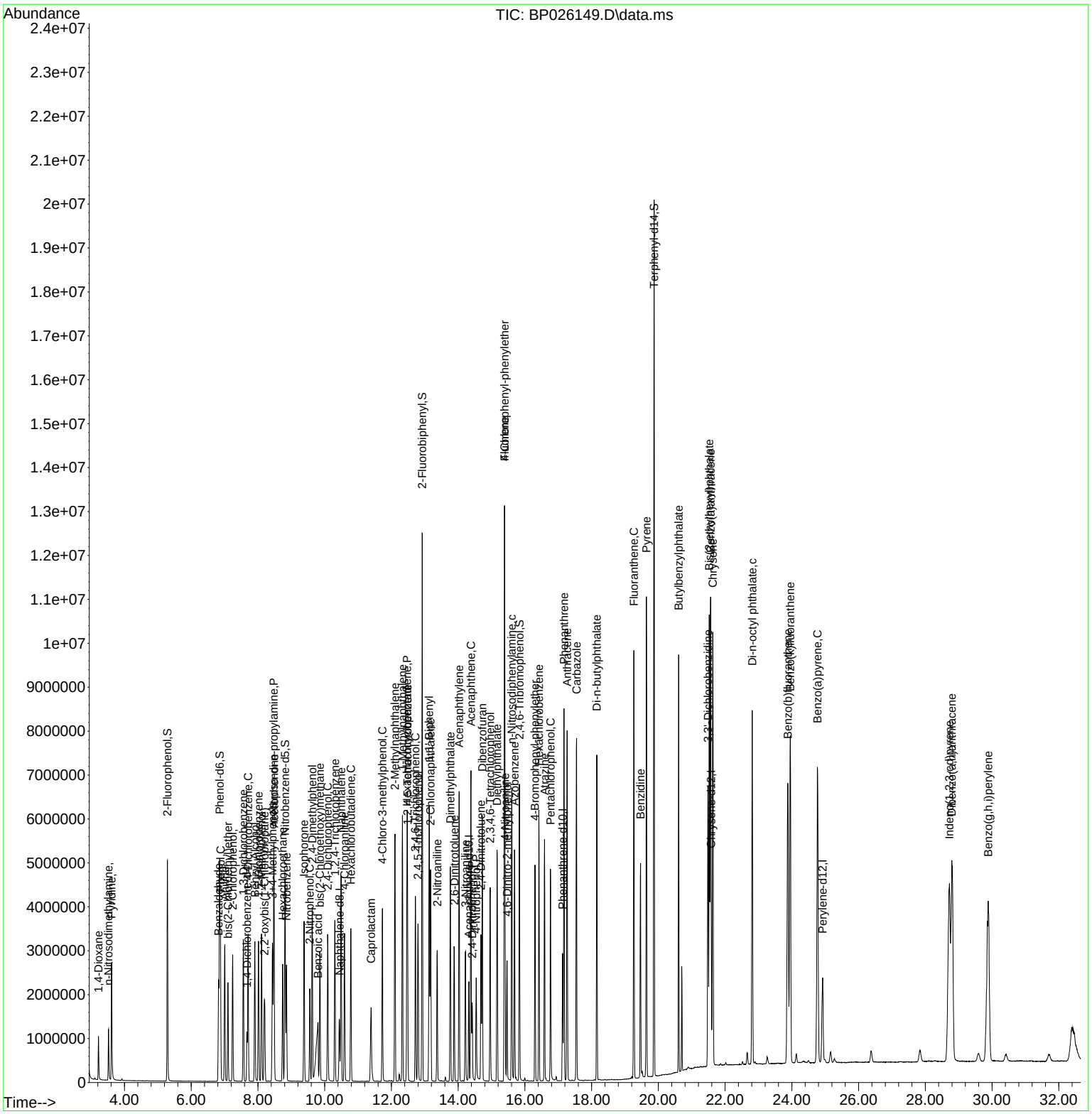
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026149.D
Acq On : 18 Nov 2025 20:00
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

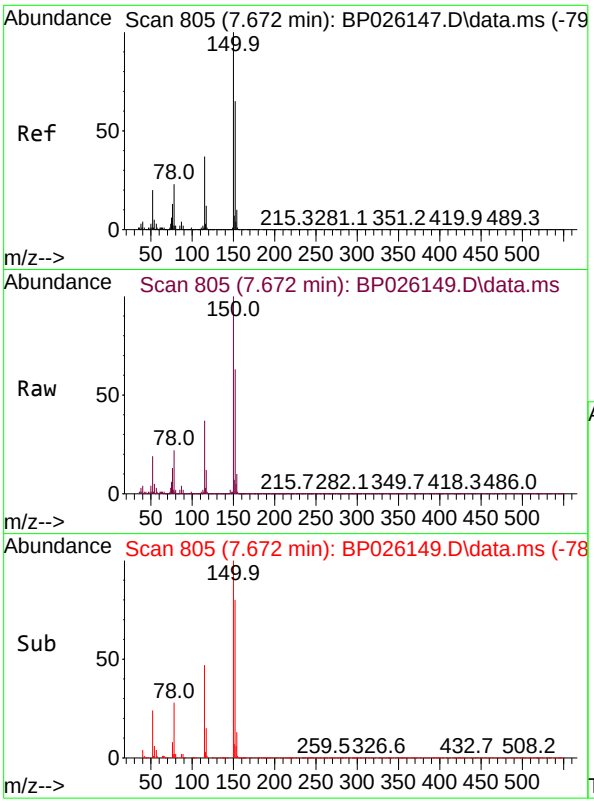
Quant Time: Nov 19 01:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

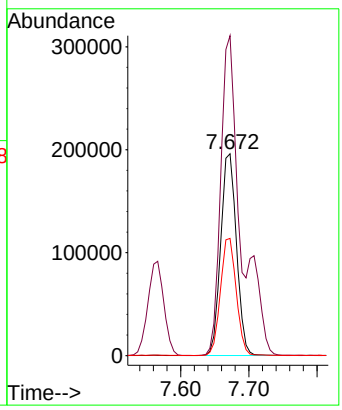





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:152 Resp: 31419

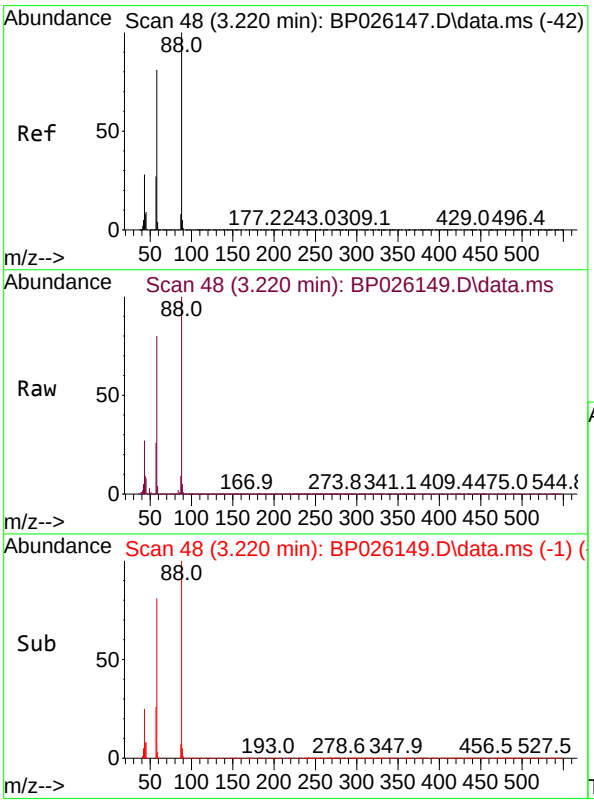
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.6 | 123.0 | 184.6 |
| 115 | 58.1 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

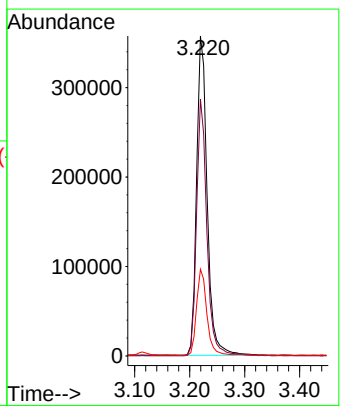
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

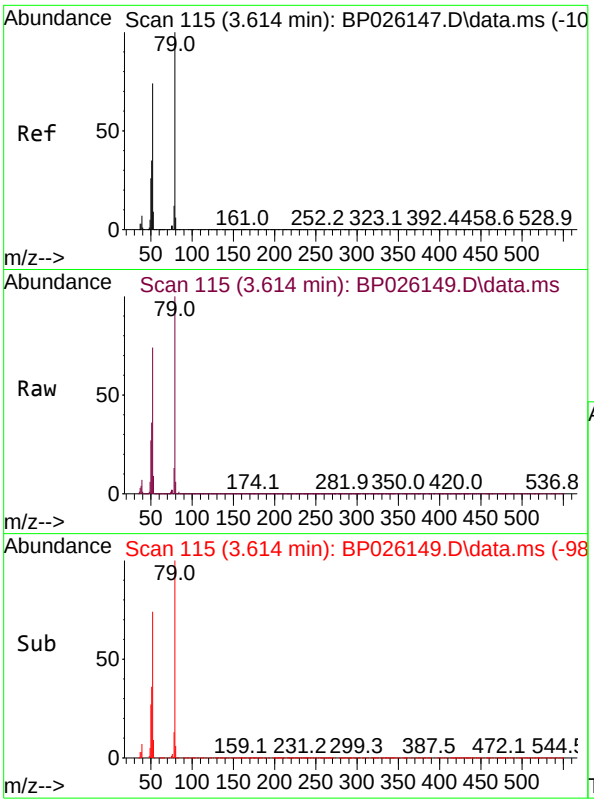



#2
1,4-Dioxane
Concen: 59.785 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 88 Resp: 476245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 79.0 | 64.2 | 96.4 |
| 43 | 26.7 | 21.5 | 32.3 |

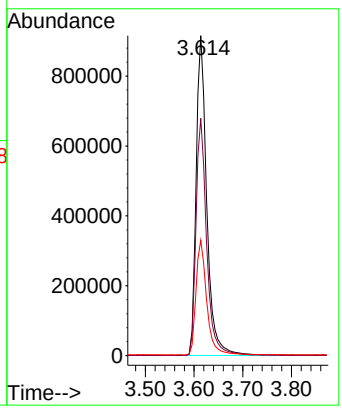





#3
Pyridine
Concen: 60.186 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 79 Resp: 138210

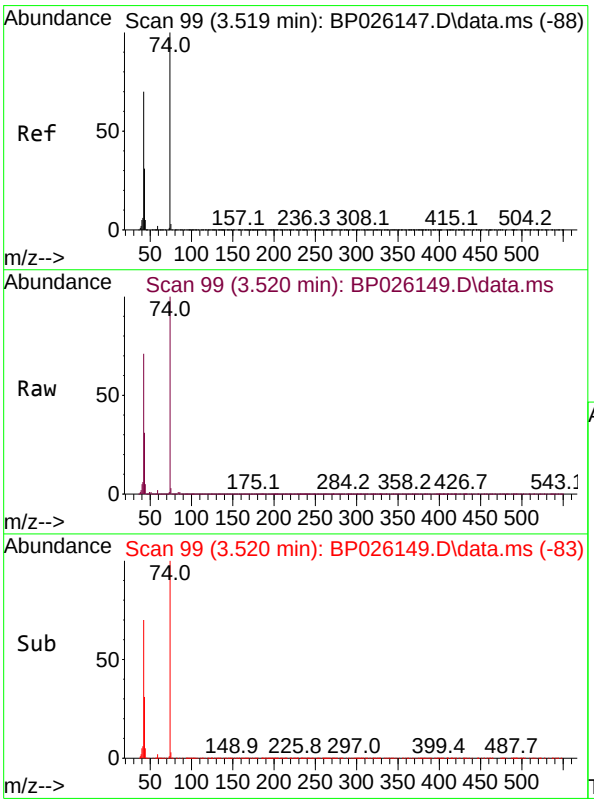
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.1 | 60.2 | 90.2 |
| 51 | 36.1 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

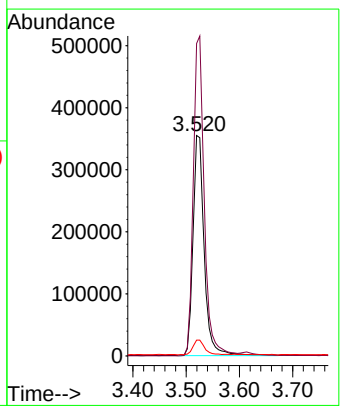
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

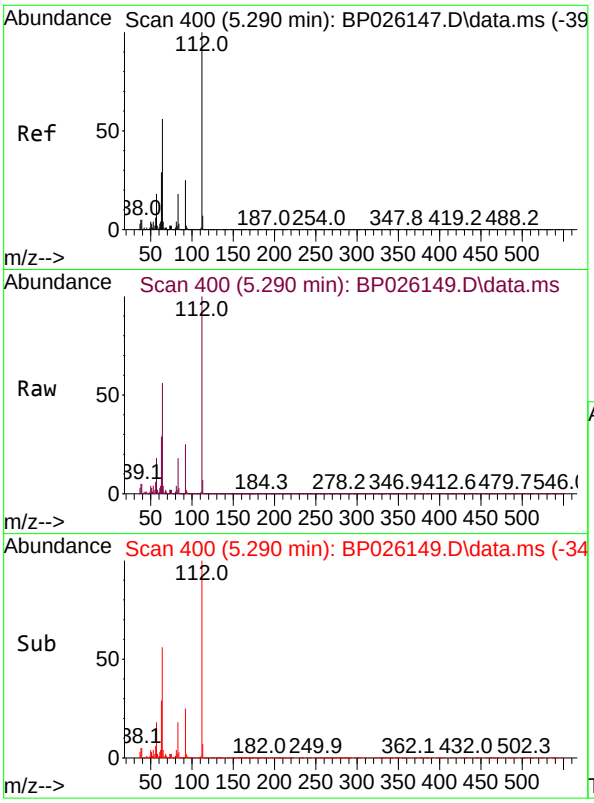



#4
n-Nitrosodimethylamine
Concen: 60.473 ng
RT: 3.520 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 42 Resp: 517563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.8 | 118.1 | 177.1 |
| 44 | 7.2 | 6.2 | 9.4 |

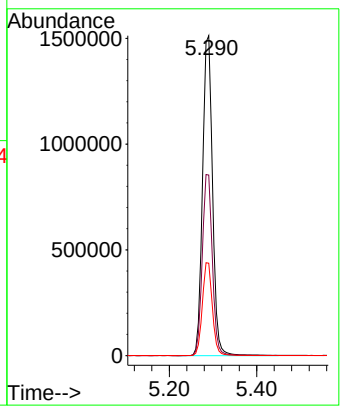





#5
2-Fluorophenol
Concen: 121.142 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:112 Resp: 237204

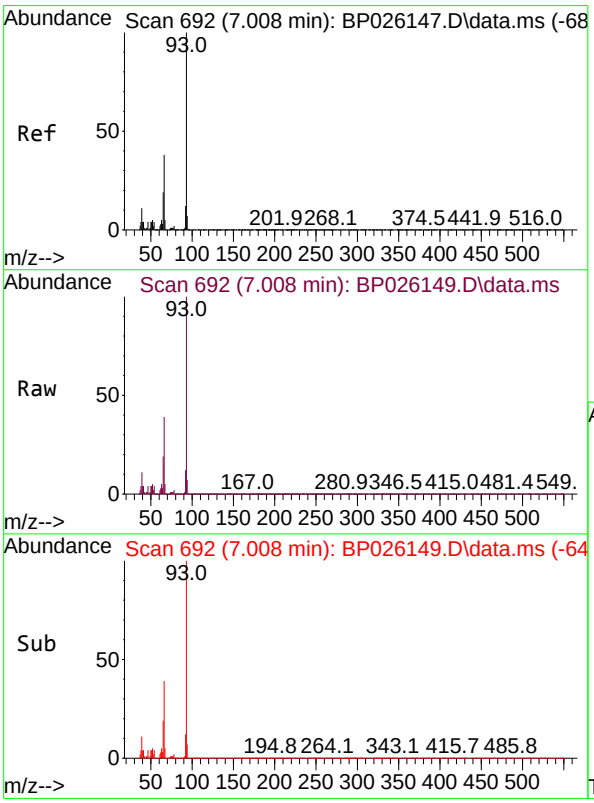
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.4 | 45.8 | 68.6 |
| 63 | 28.9 | 23.5 | 35.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

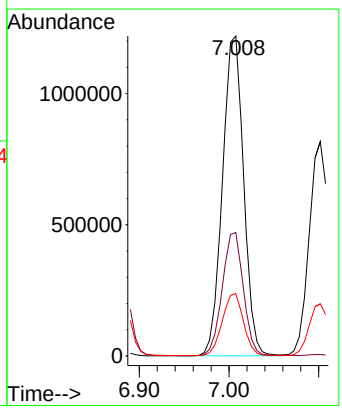
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

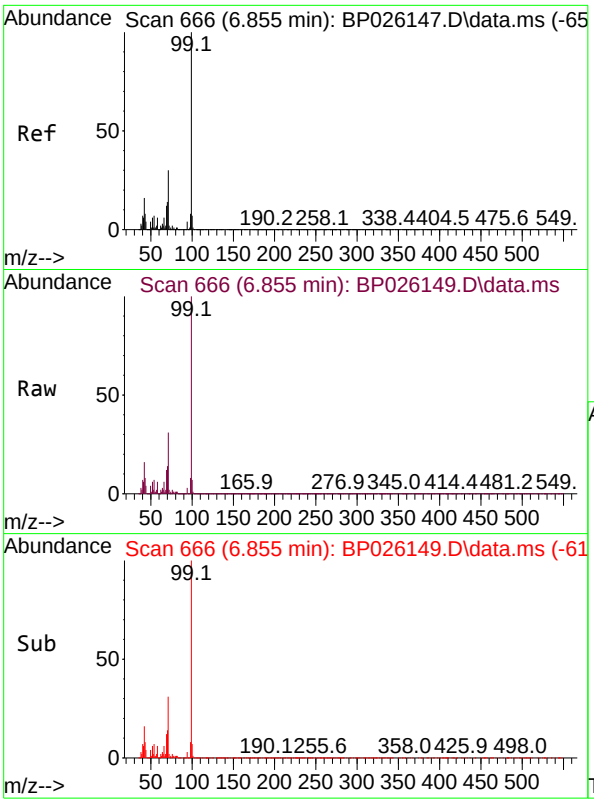



#6
Aniline
Concen: 60.994 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 2004653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.6 | 31.7 | 47.5 |
| 65 | 19.5 | 15.8 | 23.6 |

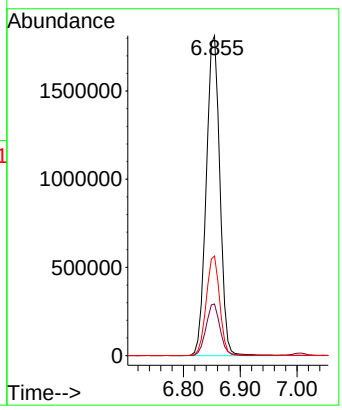





#7
Phenol-d6
Concen: 121.372 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 99 Resp: 3028199

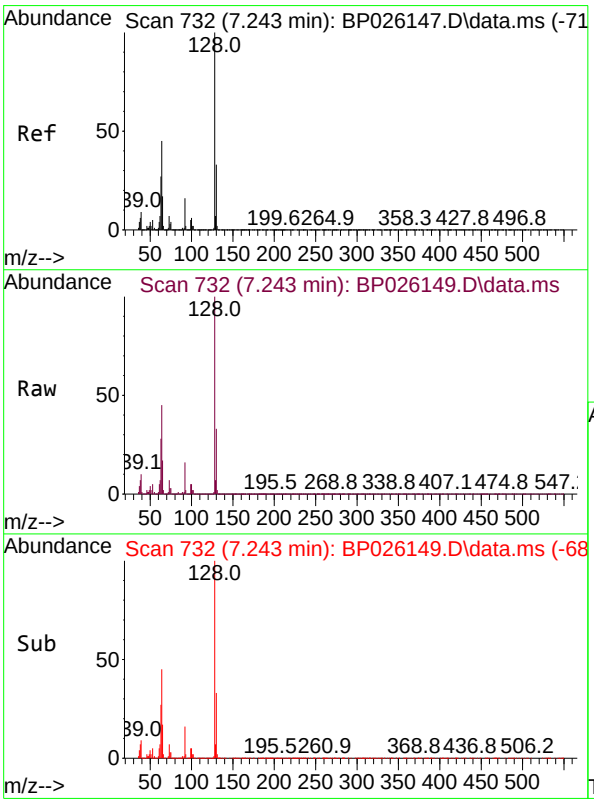
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 12.9 | 19.3 |
| 71 | 31.1 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

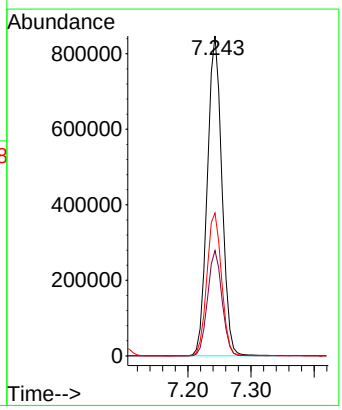
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

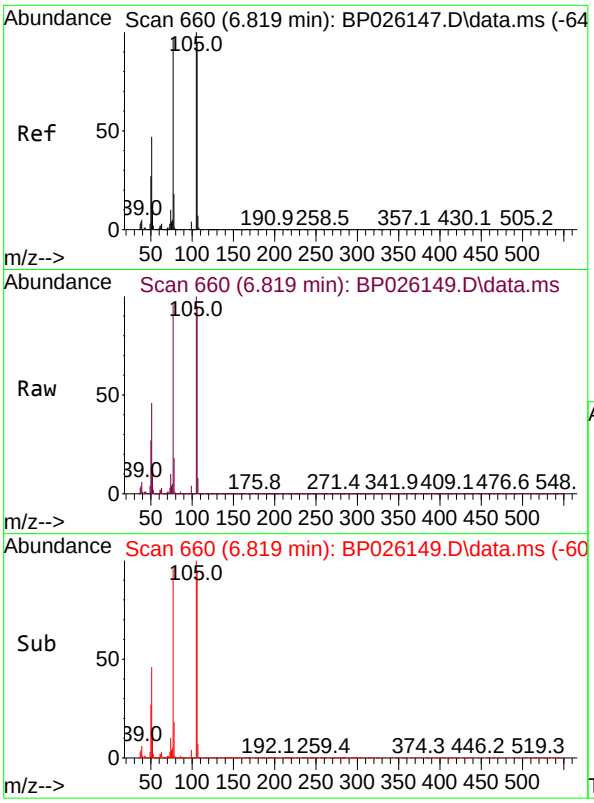



#8
2-Chlorophenol
Concen: 60.900 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:128 Resp: 1356198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.4 | 52.4 |
| 64 | 44.7 | 23.9 | 63.9 |

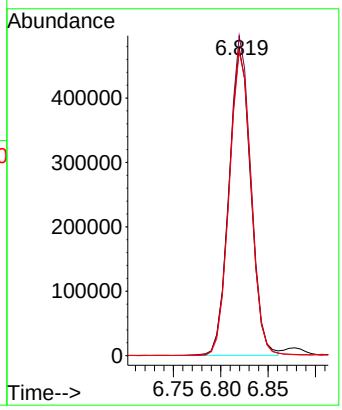





#9
Benzaldehyde
Concen: 71.224 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 765301

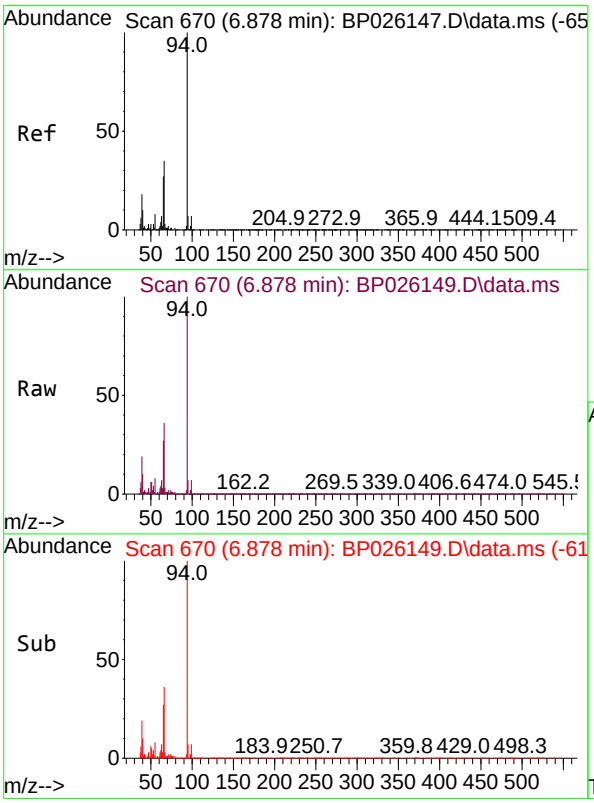
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.0 | 82.9 | 122.9 |
| 106 | 98.9 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

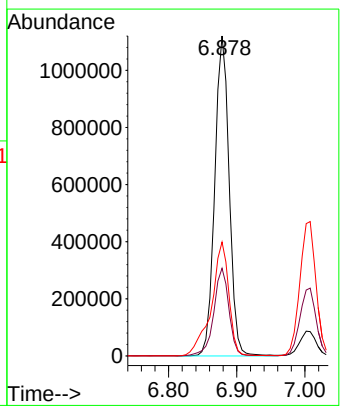
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

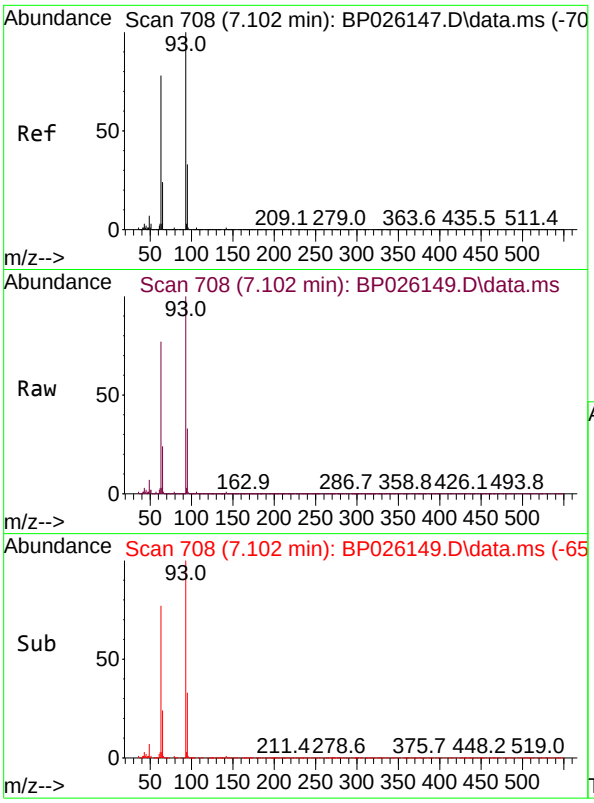



#10
Phenol
Concen: 61.164 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 94 Resp: 1642143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.4 | 7.0 | 47.0 |
| 66 | 35.6 | 14.5 | 54.5 |

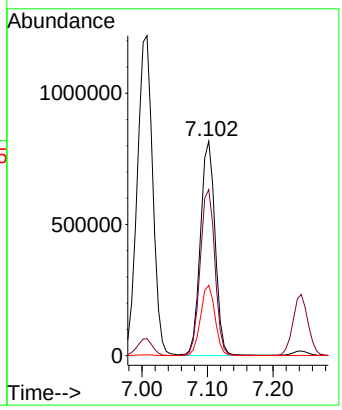





#11
bis(2-Chloroethyl)ether
Concen: 60.197 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 126112

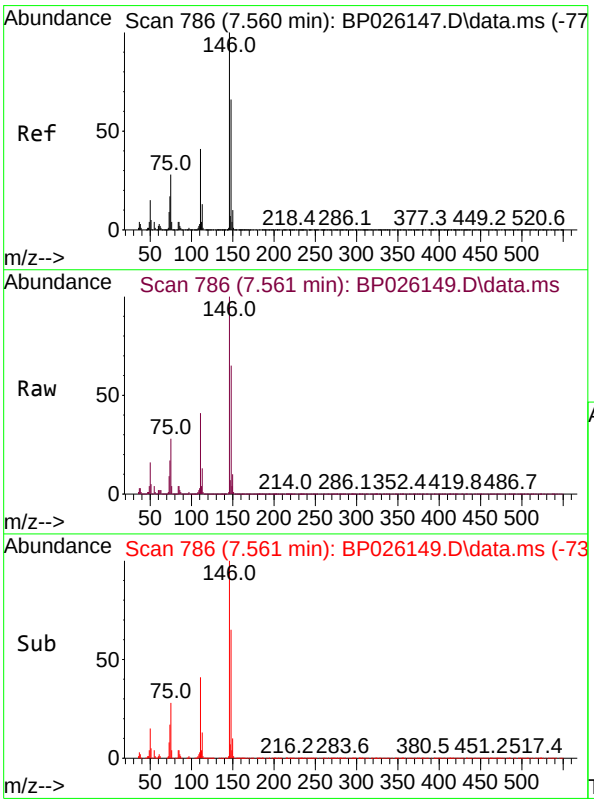
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.5 | 58.8 | 98.8 |
| 95 | 32.7 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

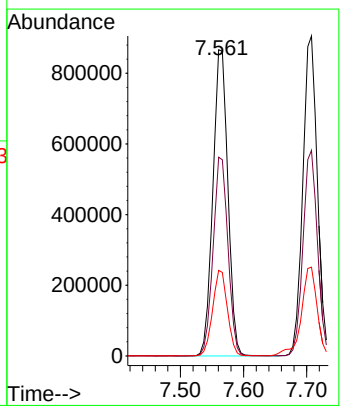
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

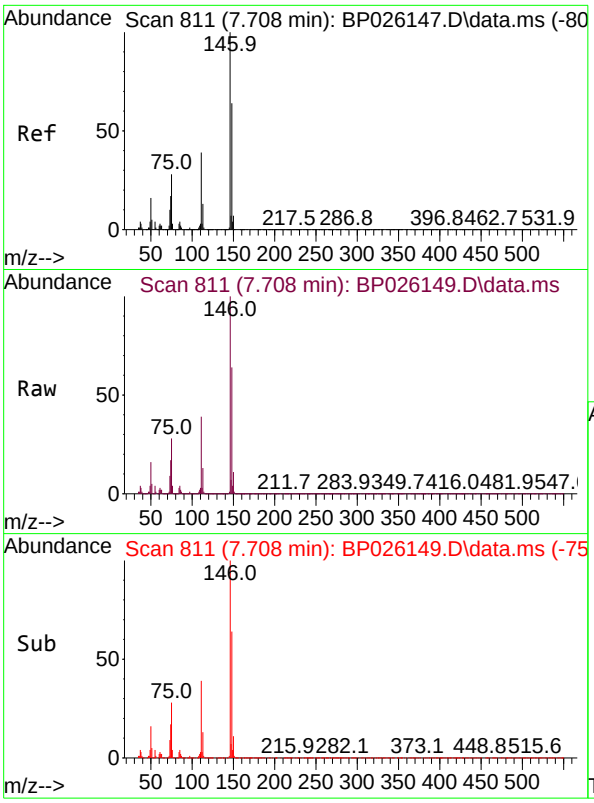



#12
1,3-Dichlorobenzene
Concen: 59.655 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 1430521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.8 | 77.8 |
| 75 | 28.0 | 22.2 | 33.2 |






#13
1,4-Dichlorobenzene
Concen: 59.788 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

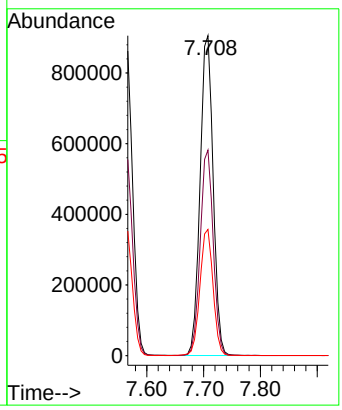
Tgt Ion:146 Resp: 144382

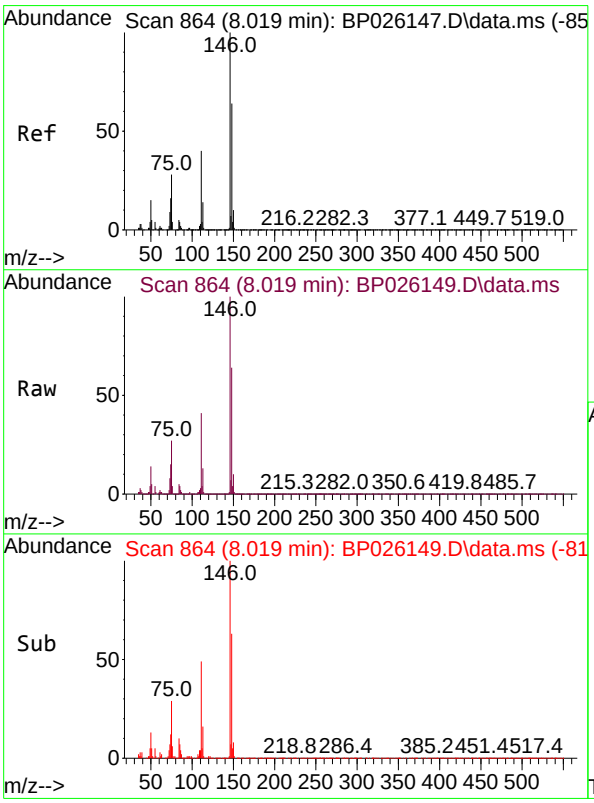
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.4 | 77.2 |
| 111 | 39.4 | 31.7 | 47.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

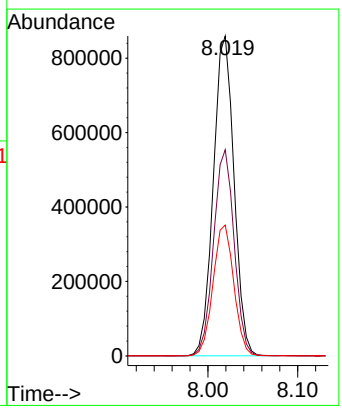


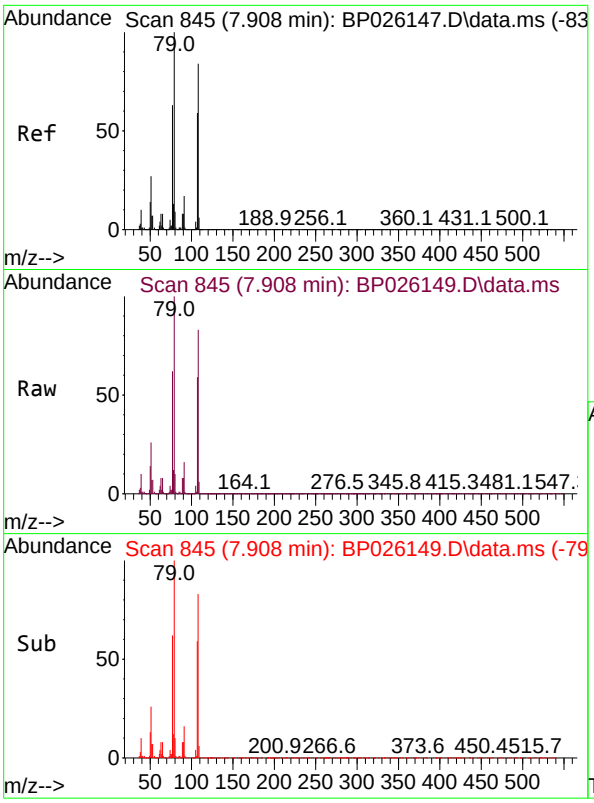




#14
1,2-Dichlorobenzene
Concen: 59.657 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 1385870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.0 | 76.6 |
| 111 | 40.9 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 60.077 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

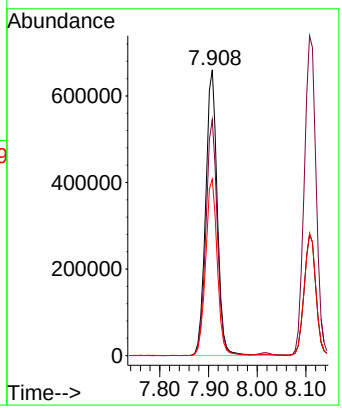
Tgt Ion: 79 Resp: 109674

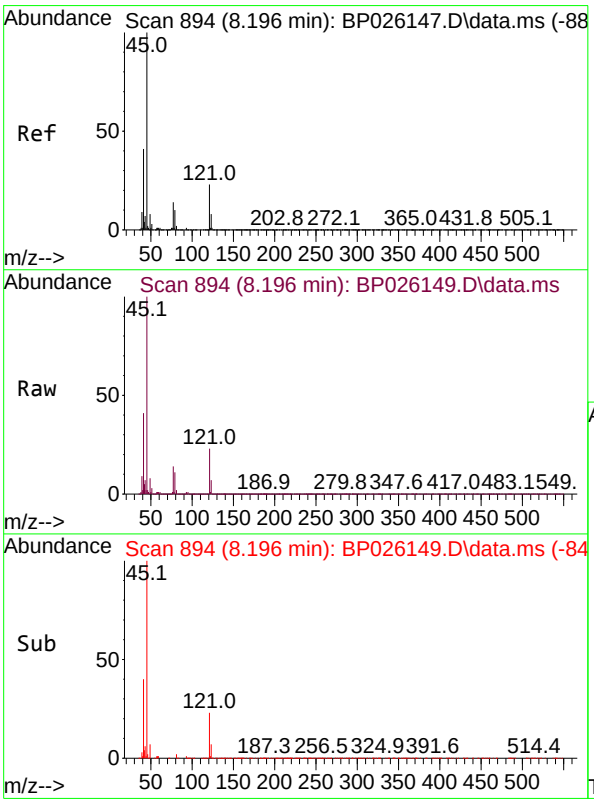
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.6 | 66.2 | 99.4 |
| 77 | 61.8 | 50.0 | 75.0 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

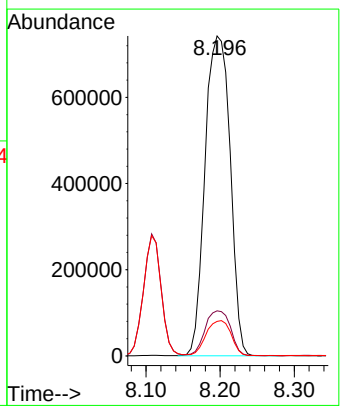


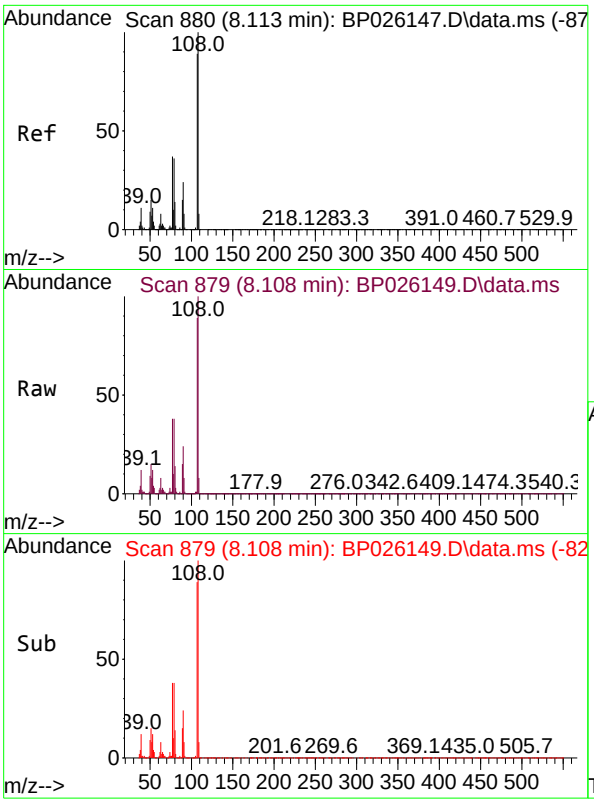




#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.925 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 45 Resp: 1745357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.1 | 0.0 | 33.9 |
| 79 | 10.8 | 0.0 | 30.4 |

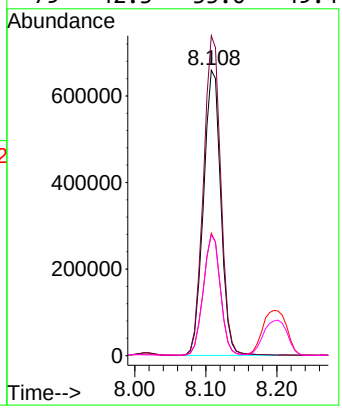





#17
2-Methylphenol
Concen: 60.841 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 111250

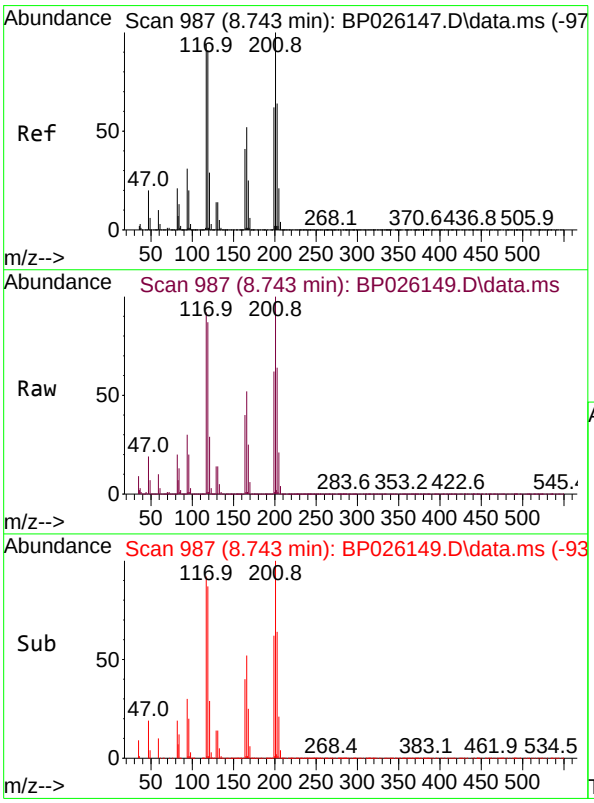
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.1 | 89.7 | 134.5 |
| 77 | 42.9 | 33.9 | 50.9 |
| 79 | 42.3 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

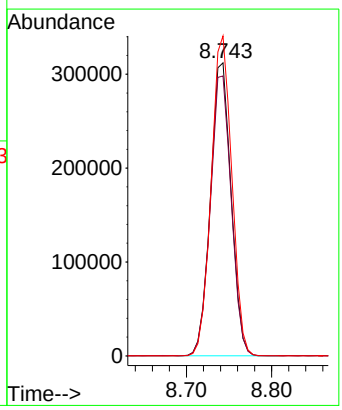
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

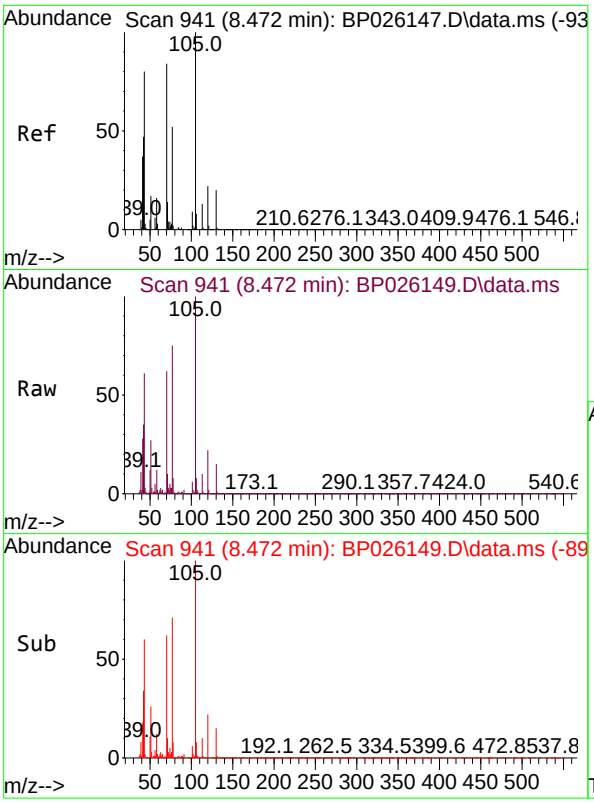



#18
Hexachloroethane
Concen: 59.675 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:117 Resp: 525228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 78.7 | 118.1 |
| 201 | 109.2 | 85.1 | 127.7 |

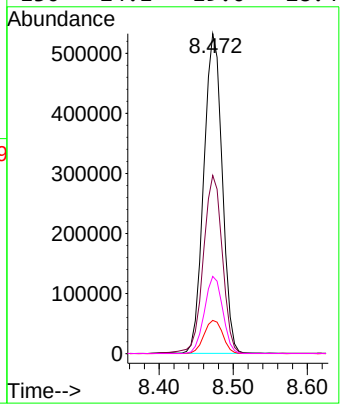





#19
n-Nitroso-di-n-propylamine
Concen: 59.177 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 70 Resp: 91943

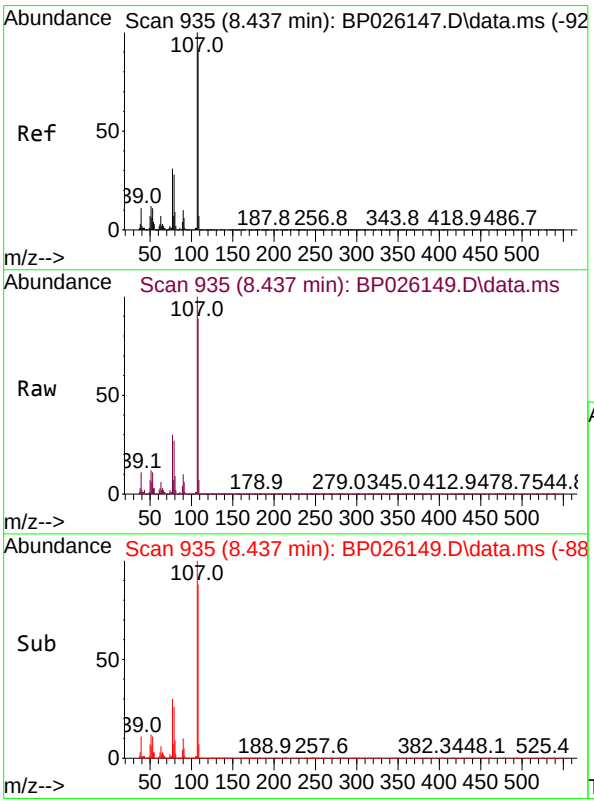
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.7 | 44.1 | 66.1 |
| 101 | 10.4 | 8.2 | 12.4 |
| 130 | 24.1 | 19.0 | 28.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

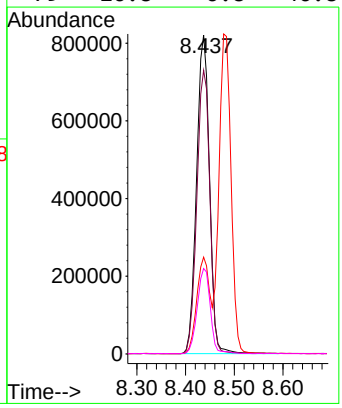
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

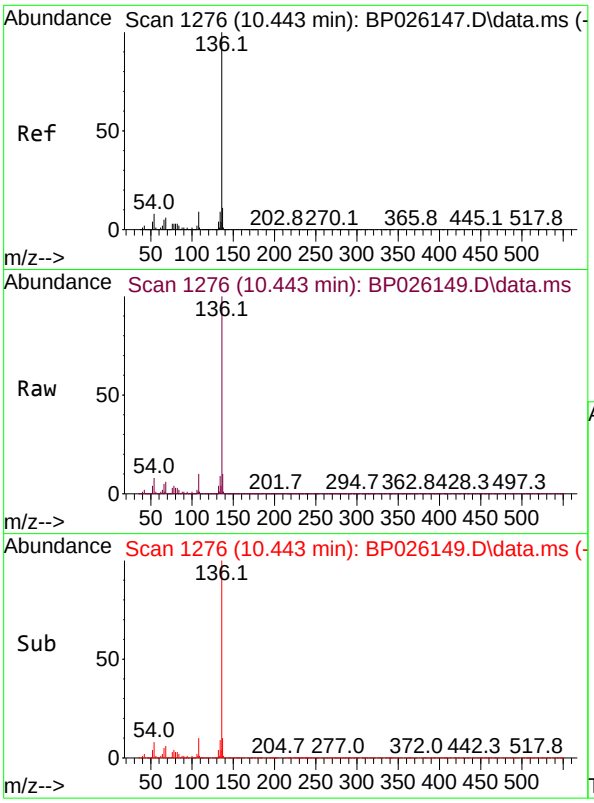



#20
3+4-Methylphenols
Concen: 59.338 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 1508814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.0 | 68.9 | 108.9 |
| 77 | 30.4 | 10.4 | 50.4 |
| 79 | 26.8 | 6.8 | 46.8 |

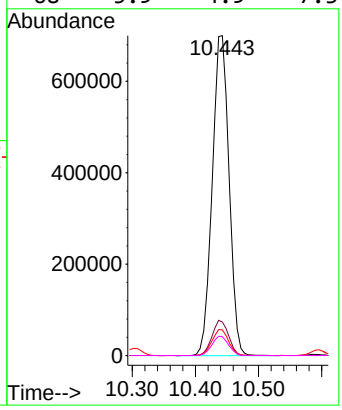





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:136 Resp: 129304

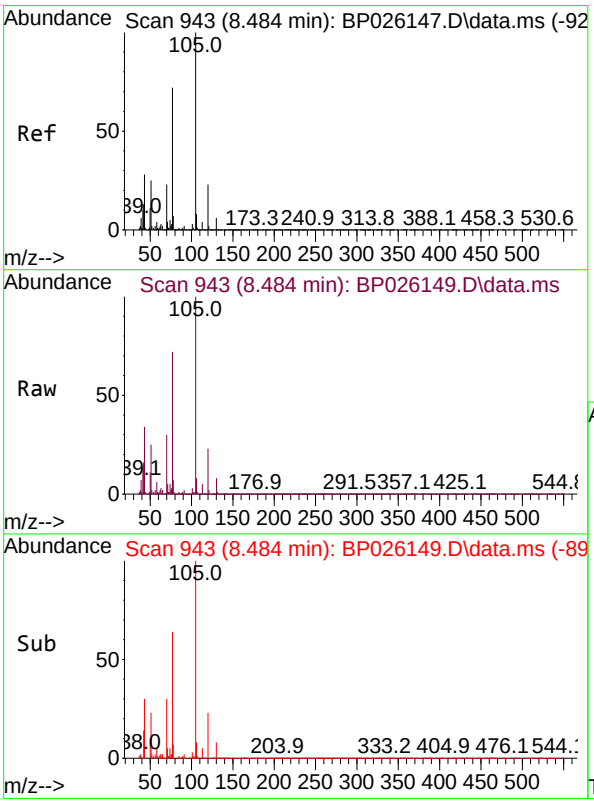
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.7 | 13.1 |
| 54 | 8.0 | 6.4 | 9.6 |
| 68 | 5.9 | 4.9 | 7.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

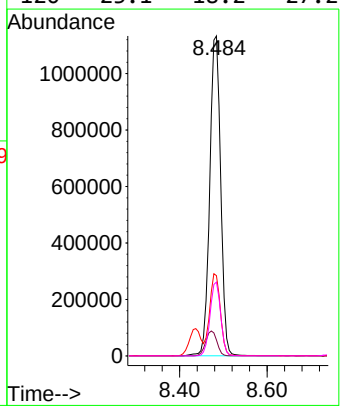
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

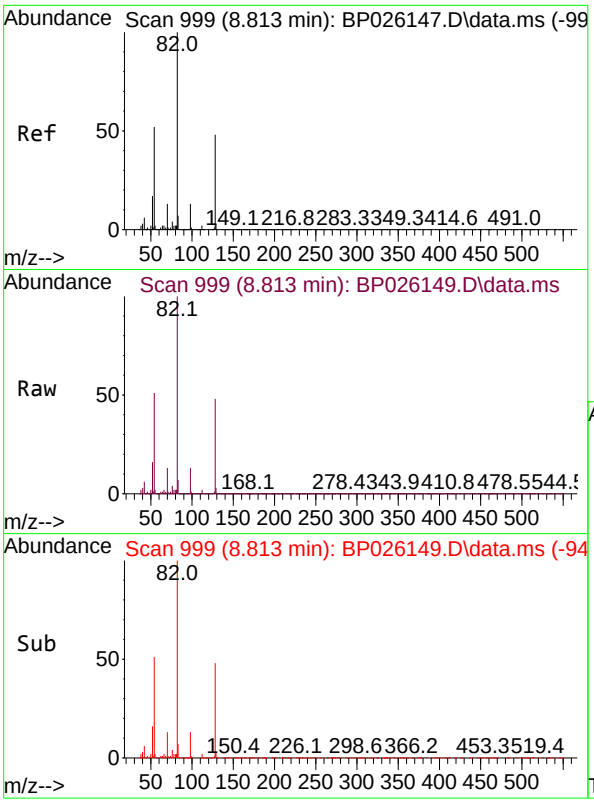



#22
Acetophenone
Concen: 59.787 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:105 Resp: 1966749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.0 | 3.0 | 4.4# |
| 51 | 25.1 | 20.5 | 30.7 |
| 120 | 23.1 | 18.2 | 27.2 |

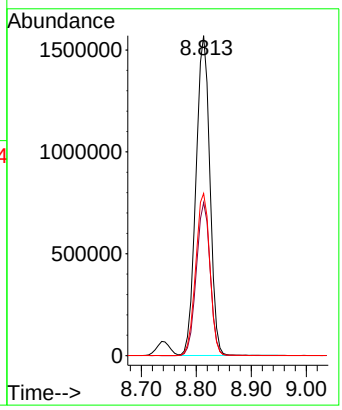





#23
Nitrobenzene-d5
Concen: 120.813 ng
RT: 8.813 min Scan# 99
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 82 Resp: 275453

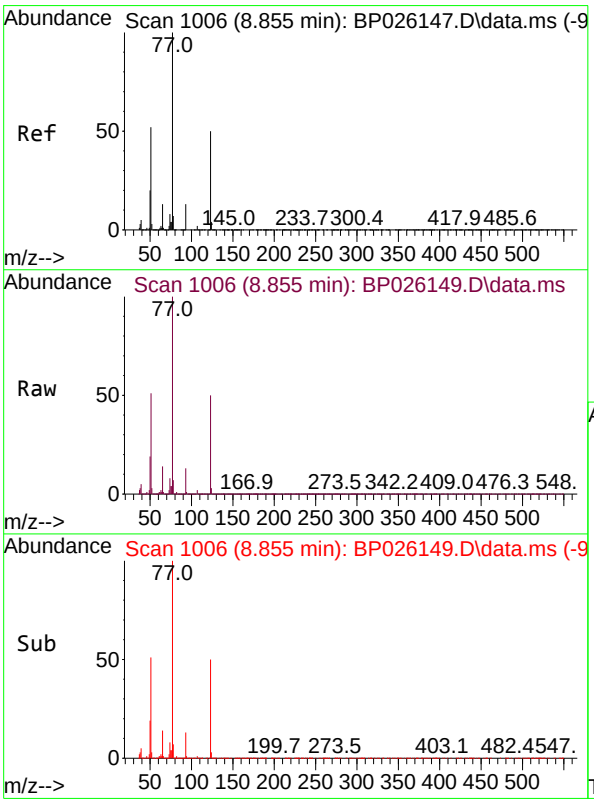
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.8 | 37.4 | 56.0 |
| 54 | 50.7 | 41.6 | 62.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

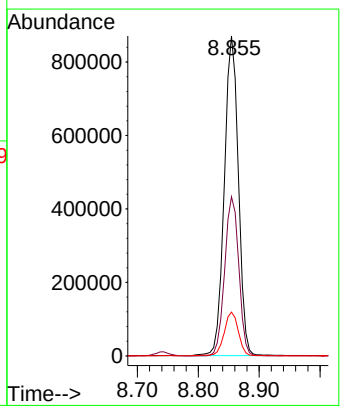
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

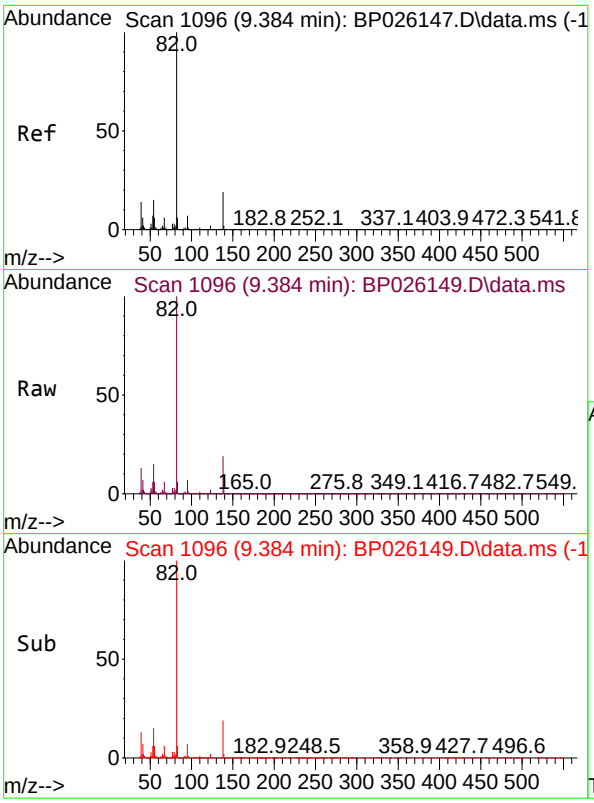



#24
Nitrobenzene
Concen: 60.453 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 1394959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.7 | 39.8 | 59.8 |
| 65 | 13.7 | 11.2 | 16.8 |

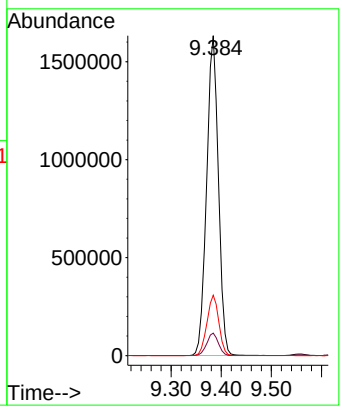





#25
Isophorone
Concen: 58.787 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 82 Resp: 266127

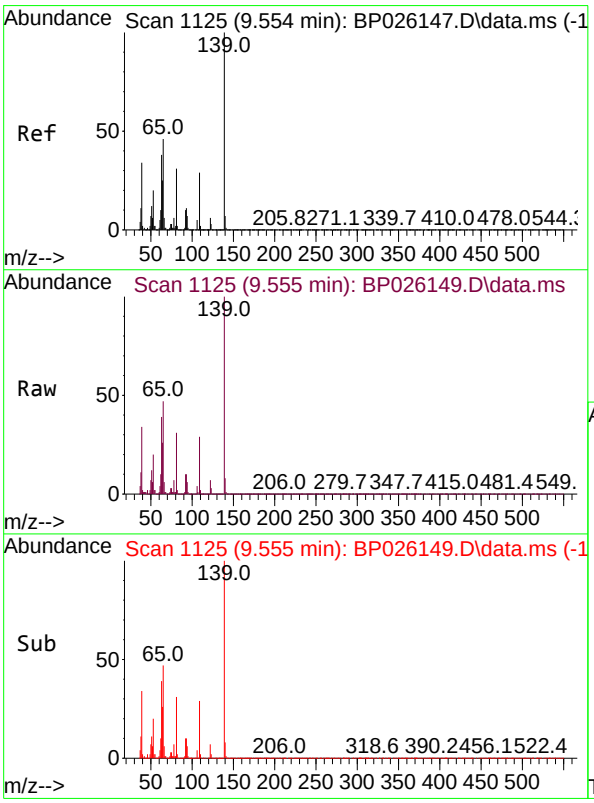
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.0 |
| 138 | 18.9 | 15.4 | 23.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

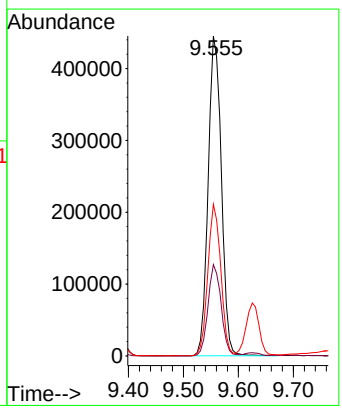
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

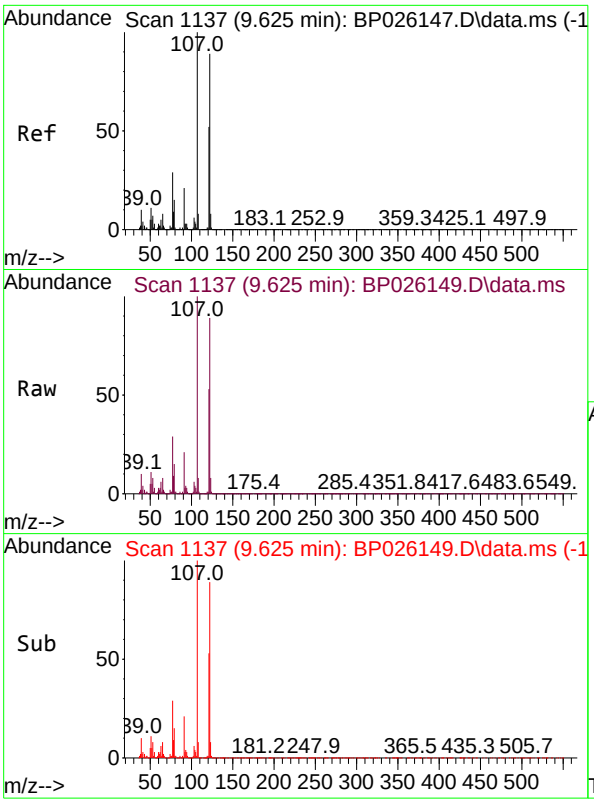



#26
2-Nitrophenol
Concen: 64.005 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:139 Resp: 744625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.5 | 22.3 | 33.5 |
| 65 | 47.4 | 37.2 | 55.8 |

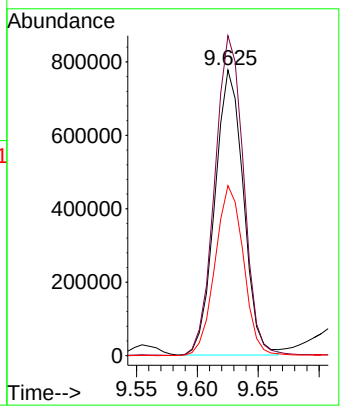





#27
2,4-Dimethylphenol
Concen: 60.144 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:122 Resp: 126762

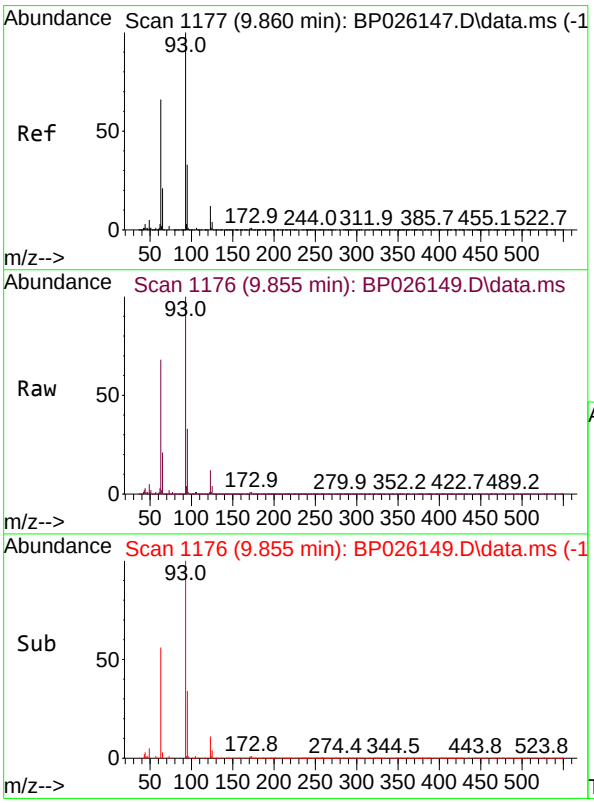
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.1 | 91.0 | 136.6 |
| 121 | 59.5 | 47.0 | 70.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

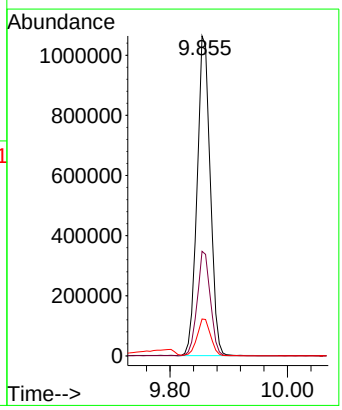
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

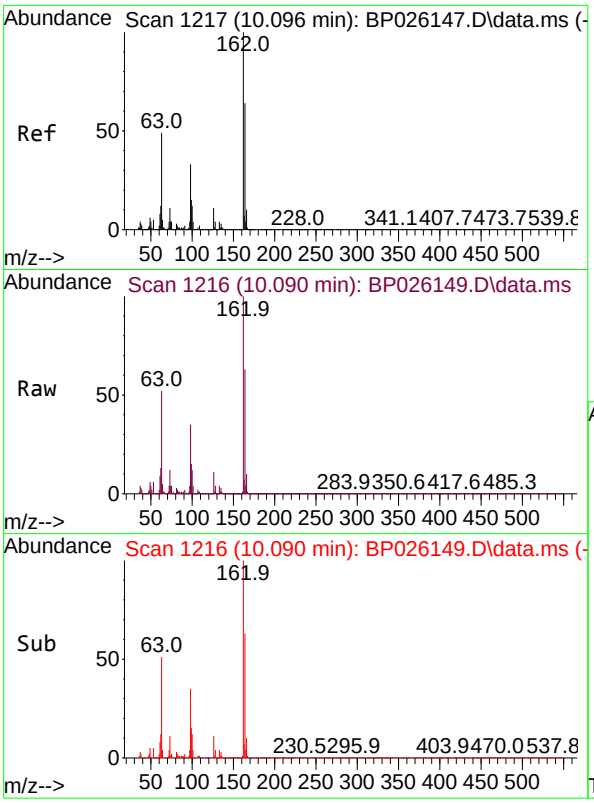



#28
bis(2-Chloroethoxy)methane
Concen: 58.243 ng
RT: 9.855 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 1650883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.4 | 39.6 |
| 123 | 11.5 | 9.4 | 14.0 |

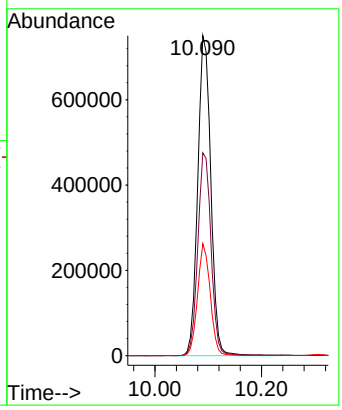





#29
2,4-Dichlorophenol
Concen: 60.911 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:162 Resp: 127905

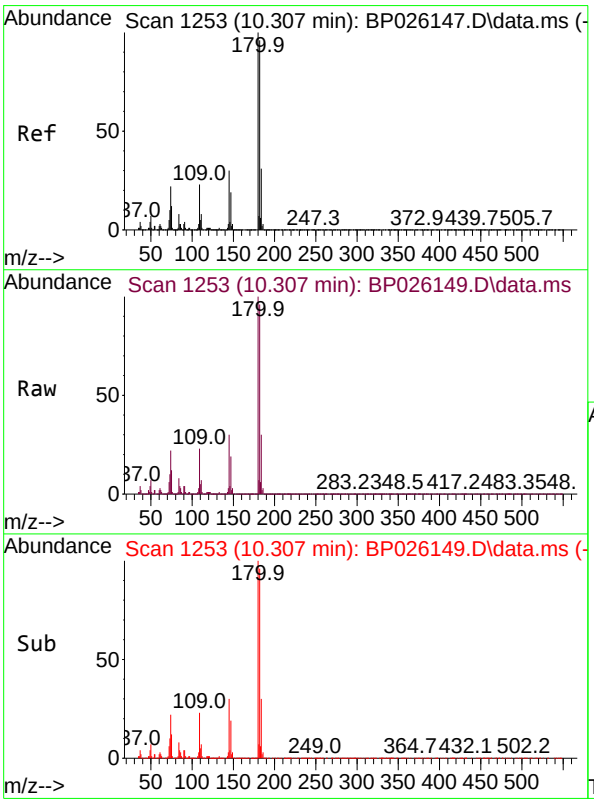
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.4 | 43.8 | 83.8 |
| 98 | 35.0 | 14.1 | 54.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

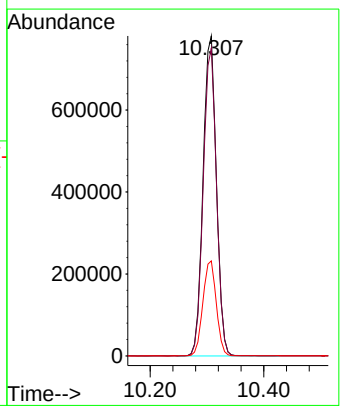
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

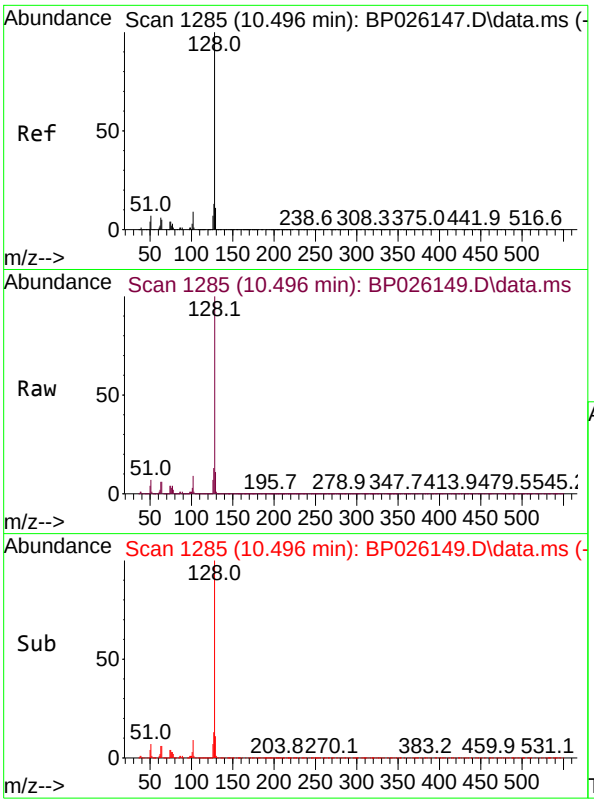



#30
1,2,4-Trichlorobenzene
Concen: 59.435 ng
RT: 10.307 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:180 Resp: 1271878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 78.1 | 117.1 |
| 145 | 29.7 | 24.2 | 36.4 |

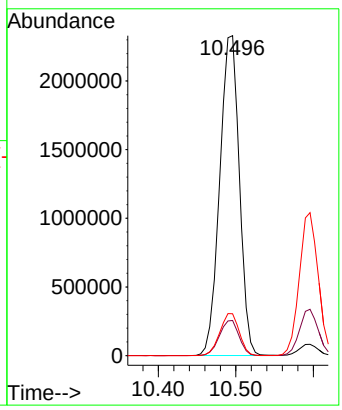





#31
Naphthalene
Concen: 58.487 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:128 Resp: 410644

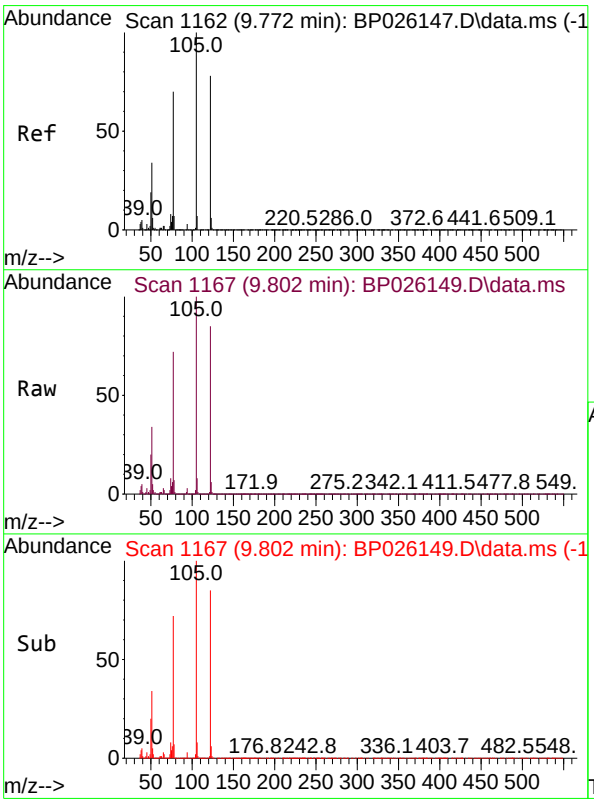
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.6 |
| 127 | 13.1 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

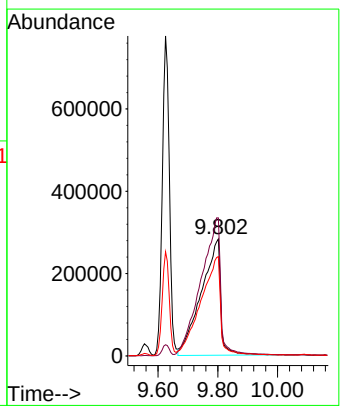
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

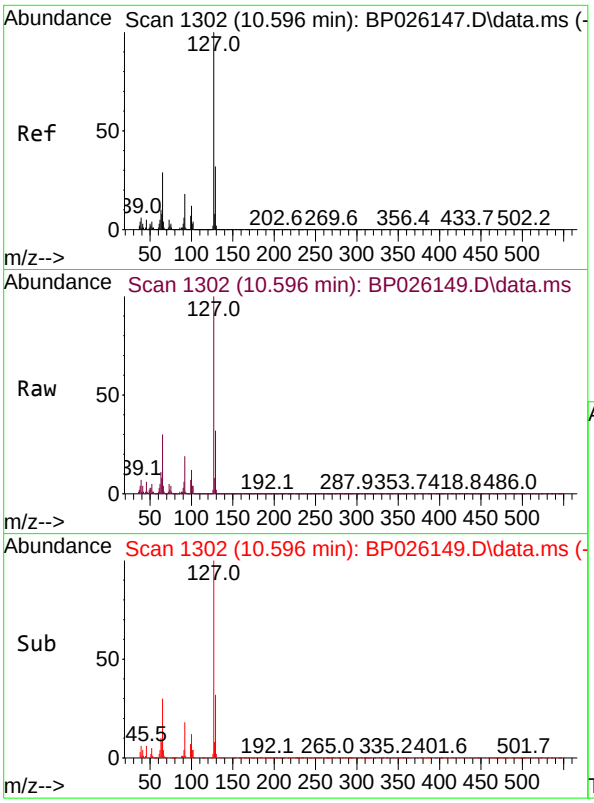



#32
Benzoic acid
Concen: 75.148 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.036 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:122 Resp: 1274317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 118.1 | 100.1 | 140.1 |
| 77 | 84.9 | 66.7 | 106.7 |

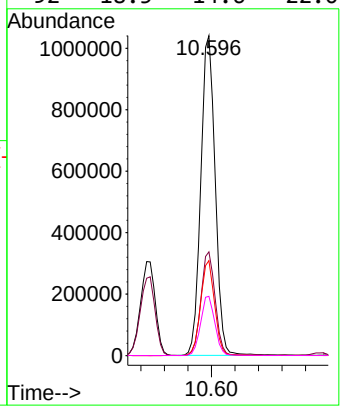





#33
4-Chloroaniline
Concen: 59.551 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:127 Resp: 177480

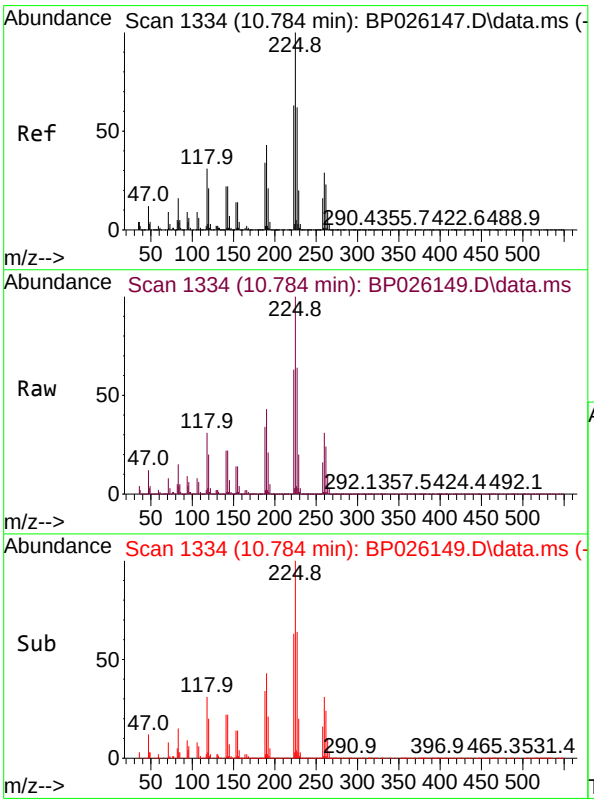
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.8 | 38.8 |
| 65 | 29.7 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

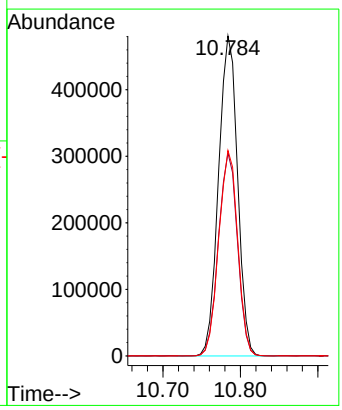
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

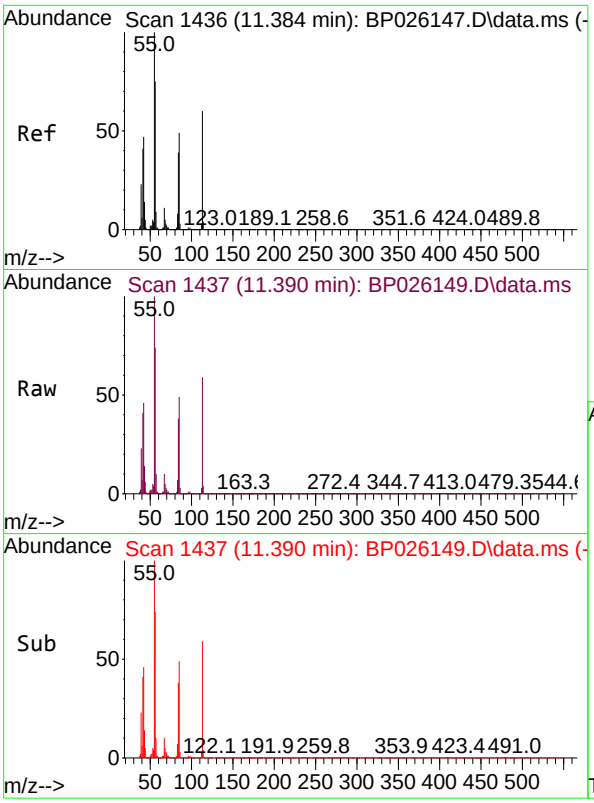



#34
Hexachlorobutadiene
Concen: 58.957 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:225 Resp: 820866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 49.6 | 74.4 |
| 227 | 64.2 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 58.493 ng
RT: 11.390 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

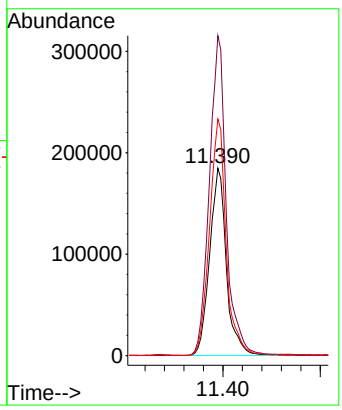
Tgt Ion:113 Resp: 44230

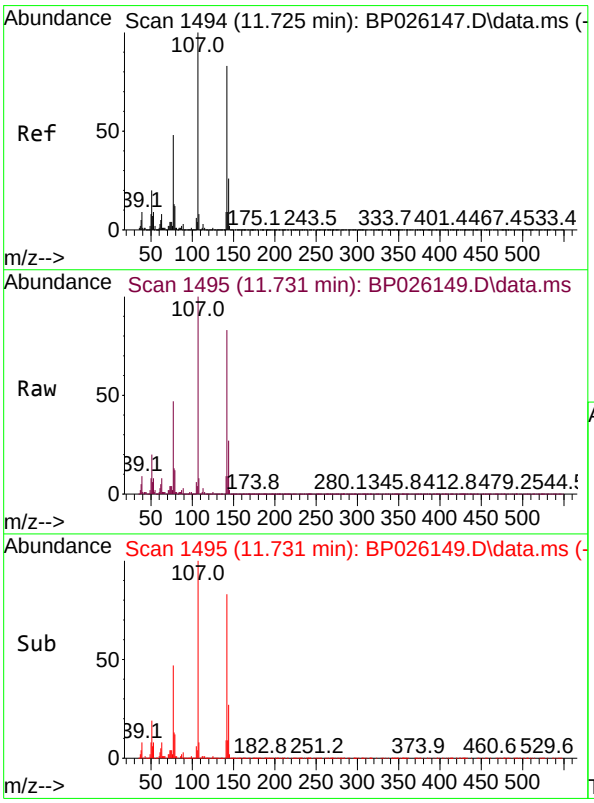
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 170.8 | 153.0 | 193.0 |
| 56 | 126.2 | 106.4 | 146.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

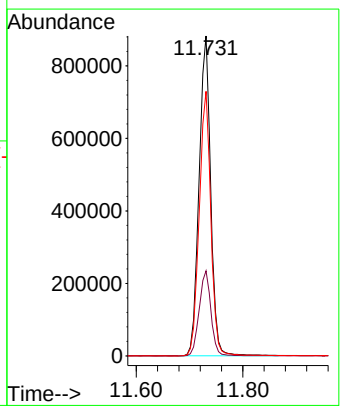


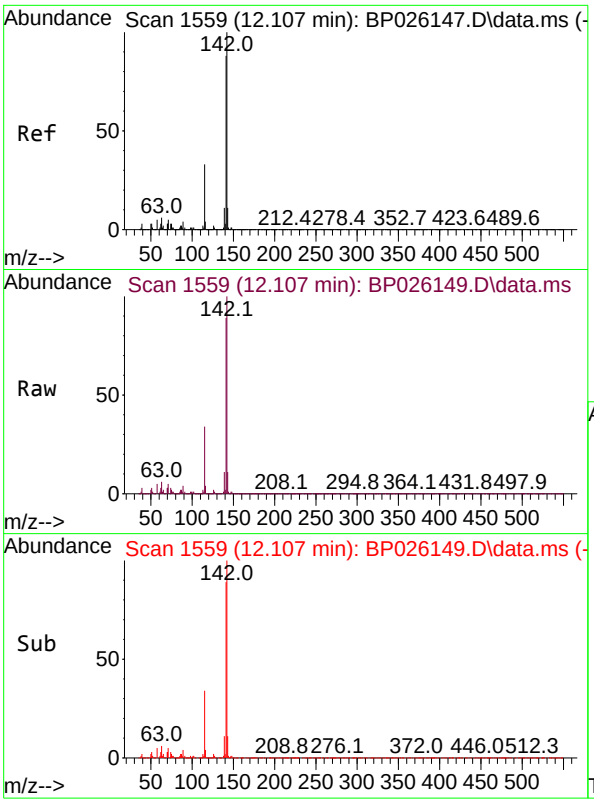




#36
4-Chloro-3-methylphenol
Concen: 59.672 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 1333194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.6 | 21.6 | 32.4 |
| 142 | 82.7 | 65.6 | 98.4 |

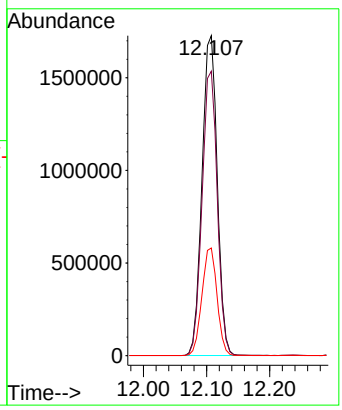





#37
2-Methylnaphthalene
Concen: 58.205 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:142 Resp: 289257

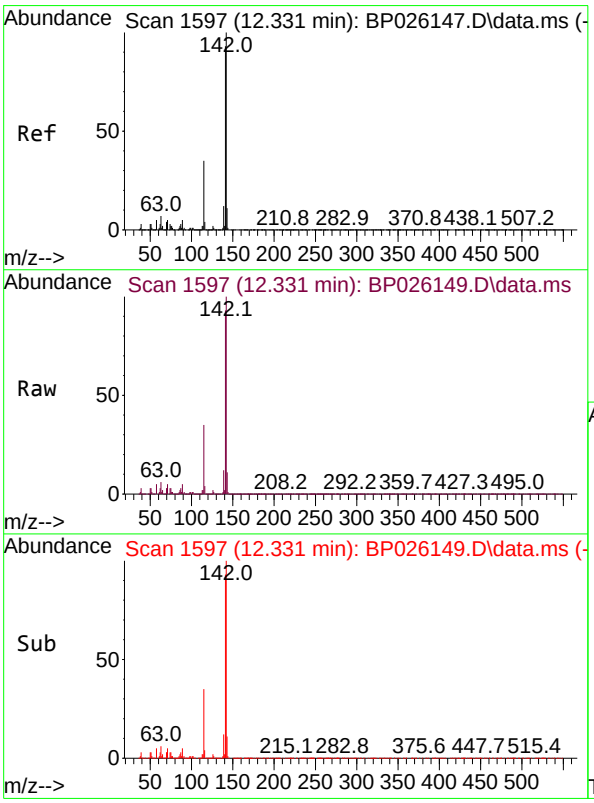
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.9 | 71.0 | 106.6 |
| 115 | 33.6 | 26.6 | 39.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

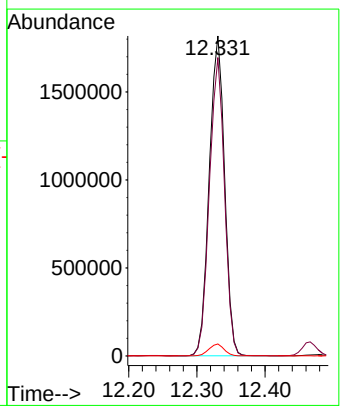
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

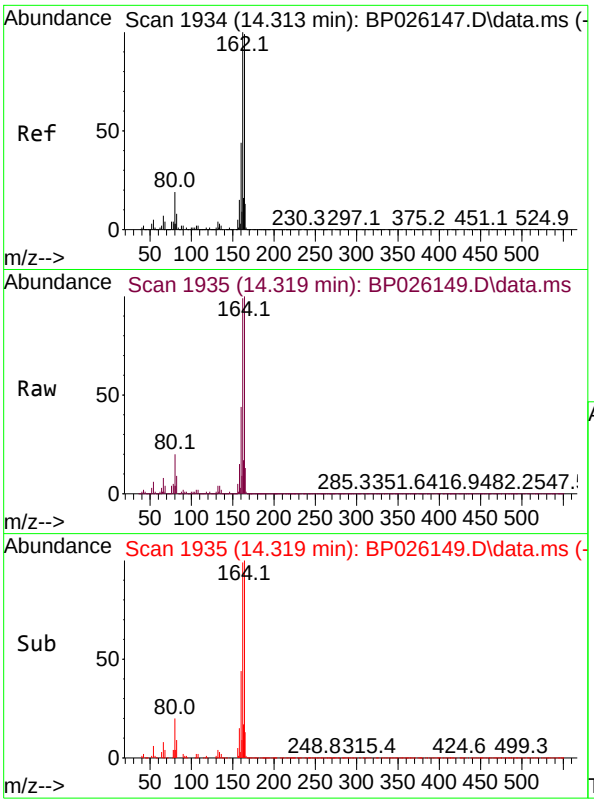



#38
1-Methylnaphthalene
Concen: 58.118 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:142 Resp: 2826038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.2 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |

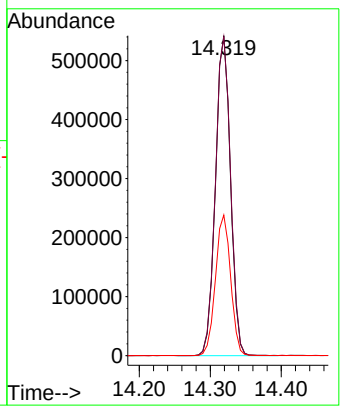





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:164 Resp: 79680

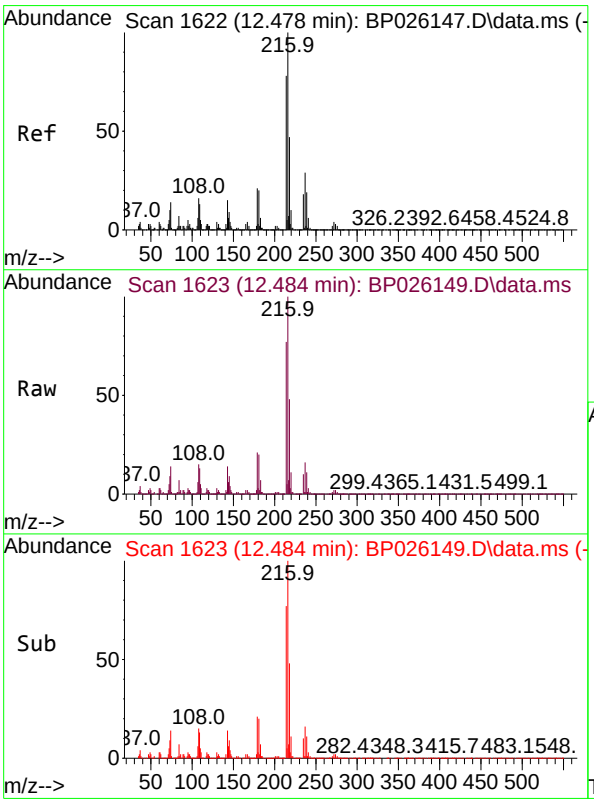
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.5 | 80.3 | 120.5 |
| 160 | 43.9 | 35.2 | 52.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

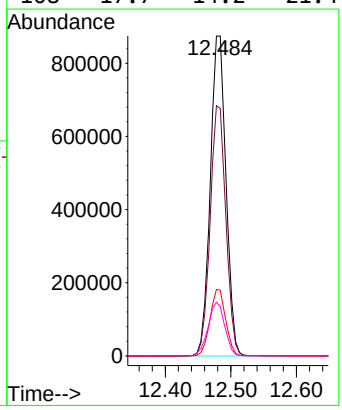
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

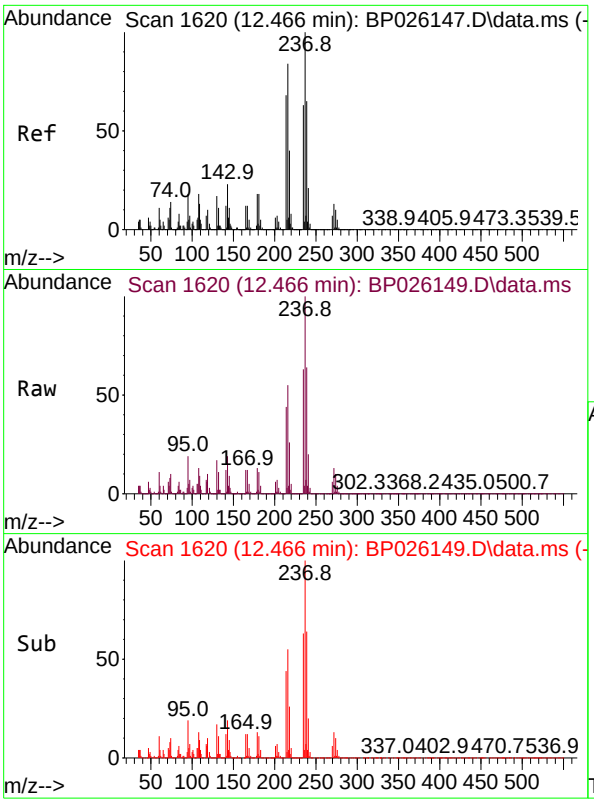



#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.722 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:216 Resp: 1458024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 62.6 | 94.0 |
| 179 | 20.7 | 16.6 | 25.0 |
| 108 | 17.7 | 14.2 | 21.4 |

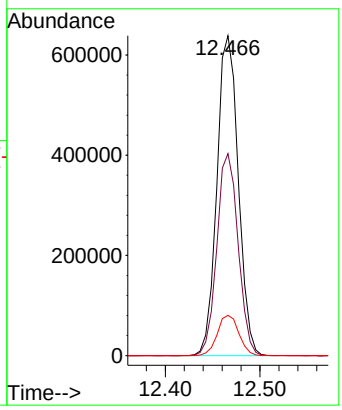





#41
Hexachlorocyclopentadiene
Concen: 63.796 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:237 Resp: 99982

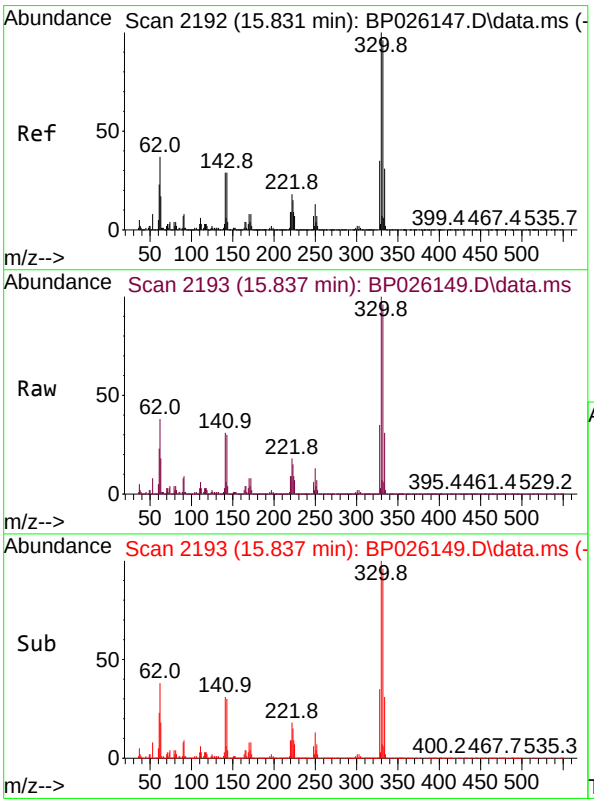
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 43.3 | 83.3 |
| 272 | 12.6 | 0.0 | 32.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

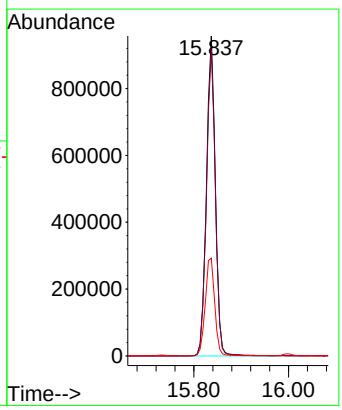
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

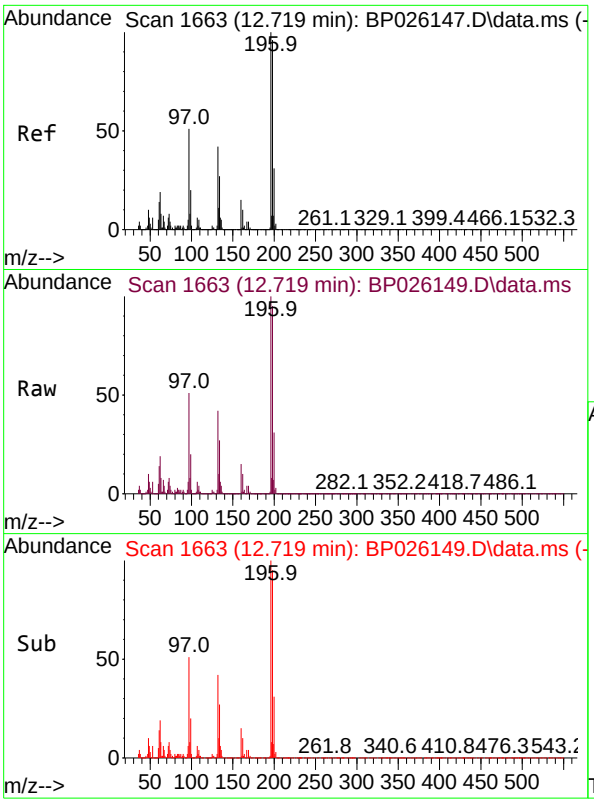



#42
2,4,6-Tribromophenol
Concen: 120.534 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:330 Resp: 1244554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 78.0 | 117.0 |
| 141 | 32.7 | 26.8 | 40.2 |

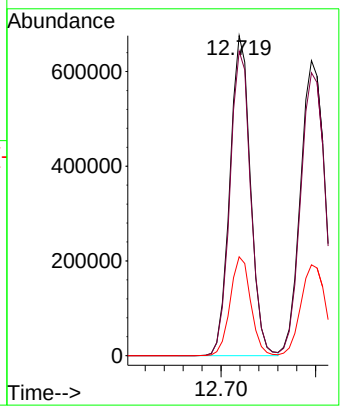





#43
2,4,6-Trichlorophenol
Concen: 61.691 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:196 Resp: 101936

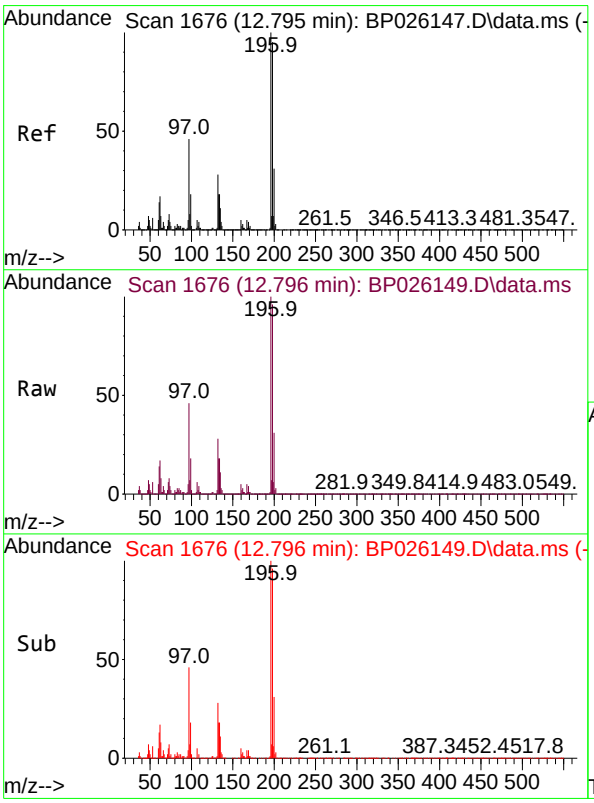
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 76.9 | 115.3 |
| 200 | 30.9 | 24.6 | 37.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

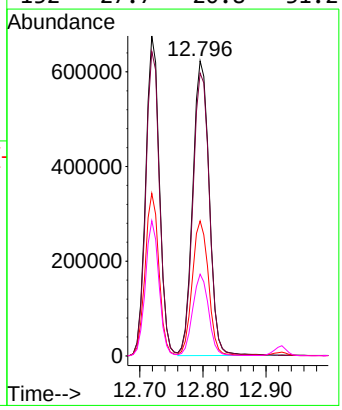
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

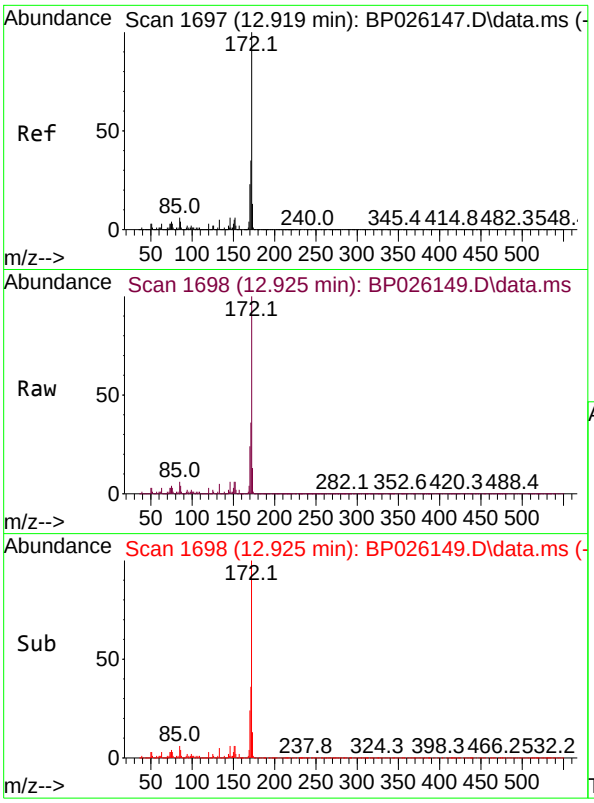



#44
2,4,5-Trichlorophenol
Concen: 61.302 ng
RT: 12.796 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:196 Resp: 1129527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.4 | 114.6 |
| 97 | 45.8 | 35.7 | 53.5 |
| 132 | 27.7 | 20.8 | 31.2 |

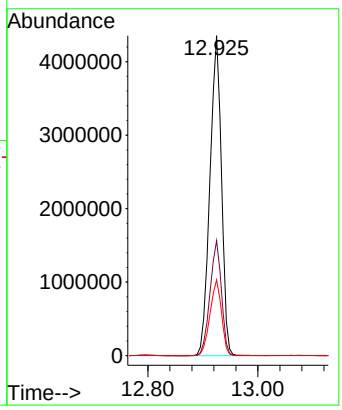





#45
2-Fluorobiphenyl
Concen: 115.965 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:172 Resp: 633363

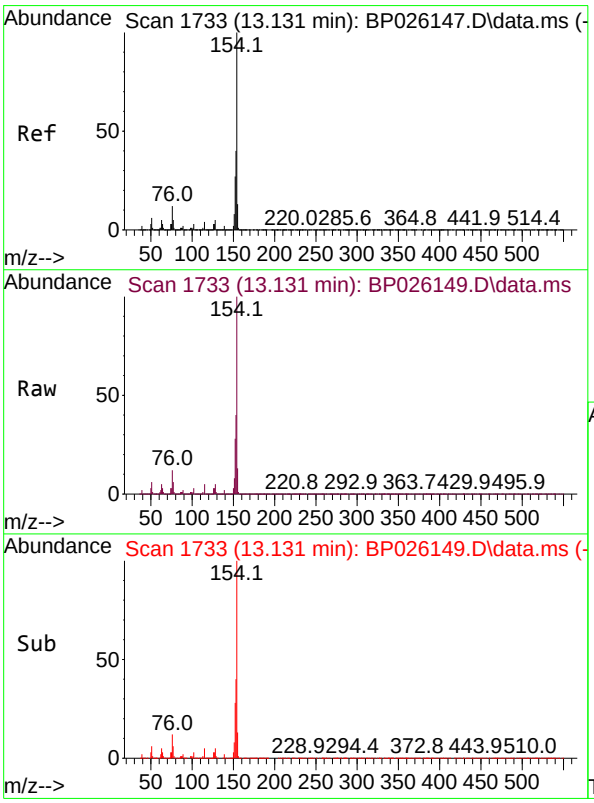
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.2 | 42.4 |
| 170 | 23.7 | 18.7 | 28.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

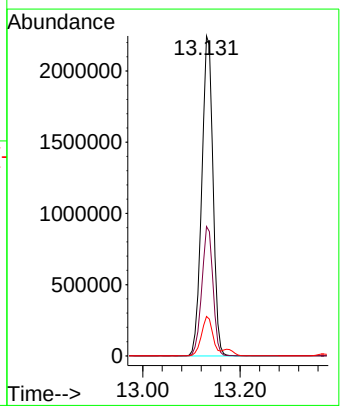
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

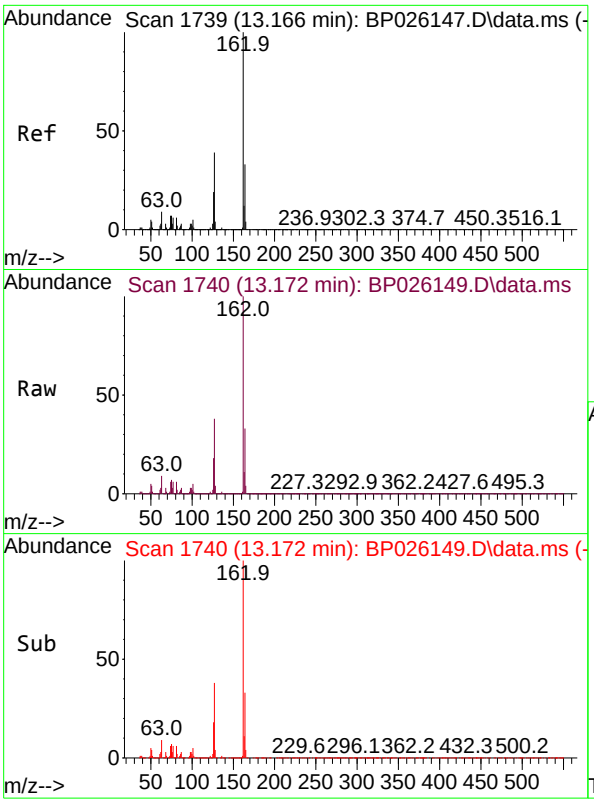



#46
1,1'-Biphenyl
Concen: 60.111 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:154 Resp: 3595006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.3 | 60.3 |
| 76 | 12.3 | 0.0 | 32.3 |

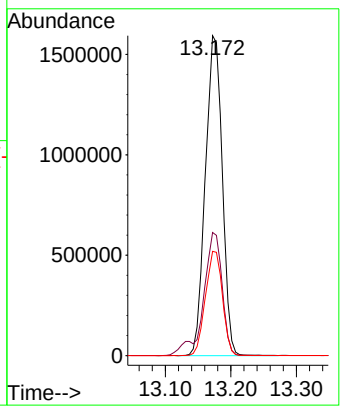





#47
2-Chloronaphthalene
Concen: 60.741 ng
RT: 13.172 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:162 Resp: 285598

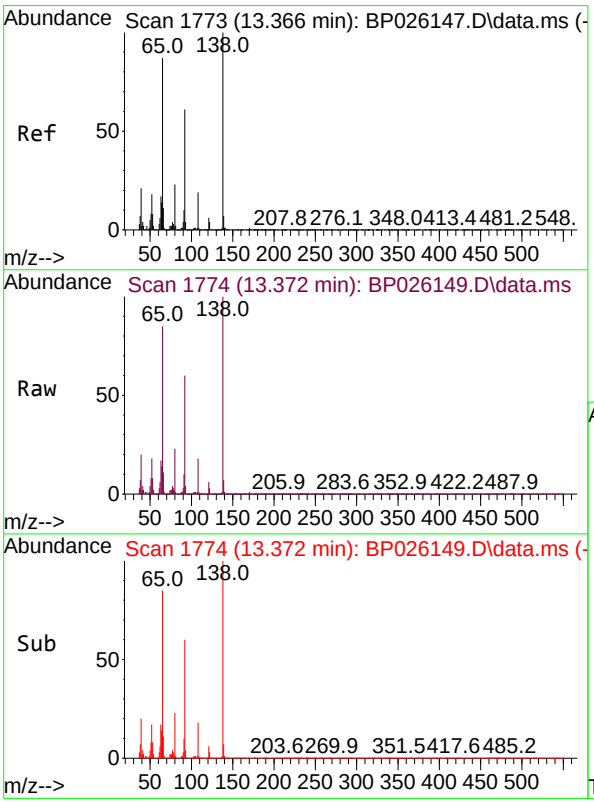
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.5 | 30.9 | 46.3 |
| 164 | 32.6 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

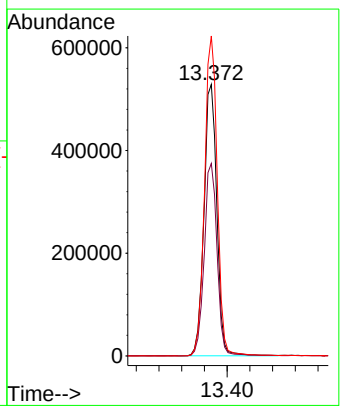
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

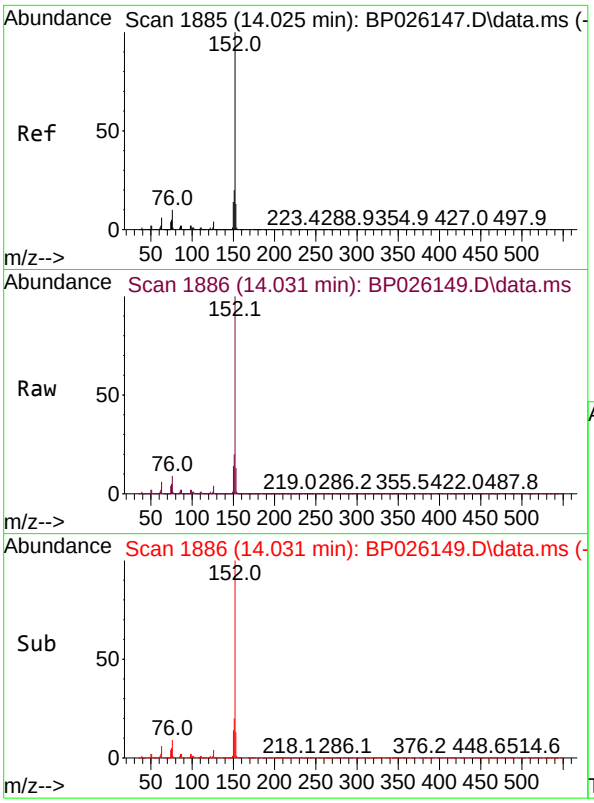



#48
2-Nitroaniline
Concen: 63.445 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 65 Resp: 833079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.9 | 59.1 | 88.7 |
| 138 | 117.9 | 96.6 | 145.0 |

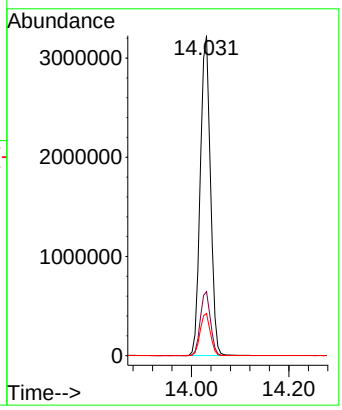





#49
Acenaphthylene
Concen: 59.935 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:152 Resp: 466262

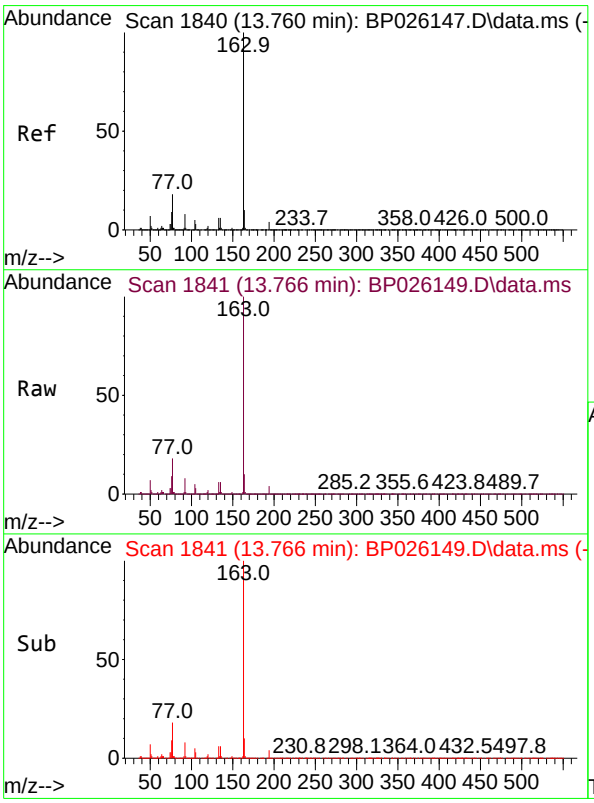
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 13.2 | 10.6 | 16.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

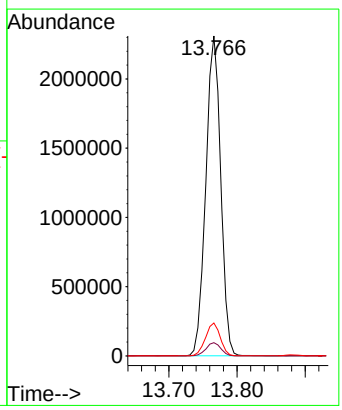
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

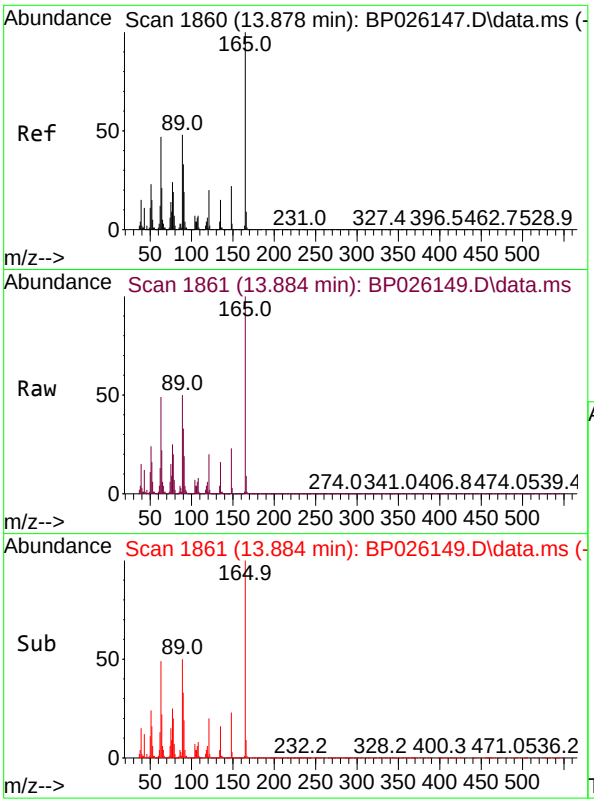



#50
Dimethylphthalate
Concen: 59.198 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:163 Resp: 3514882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.3 | 4.9 |
| 164 | 10.3 | 8.2 | 12.2 |

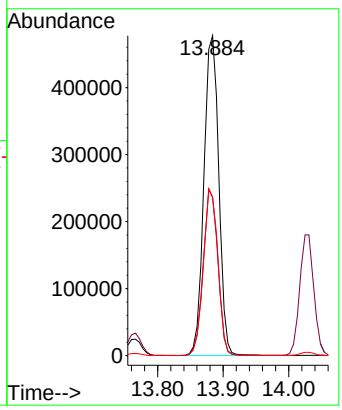





#51
2,6-Dinitrotoluene
Concen: 63.777 ng
RT: 13.884 min Scan# 18
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:165 Resp: 748865

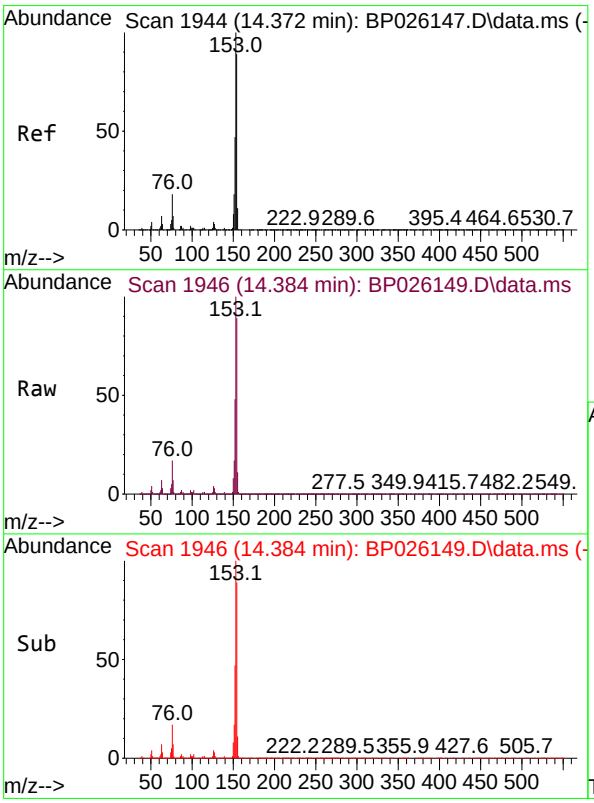
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.4 | 40.5 | 60.7 |
| 89 | 49.5 | 41.3 | 61.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

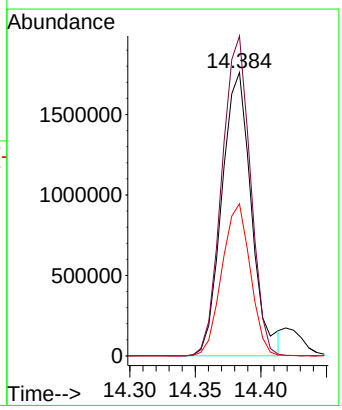
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

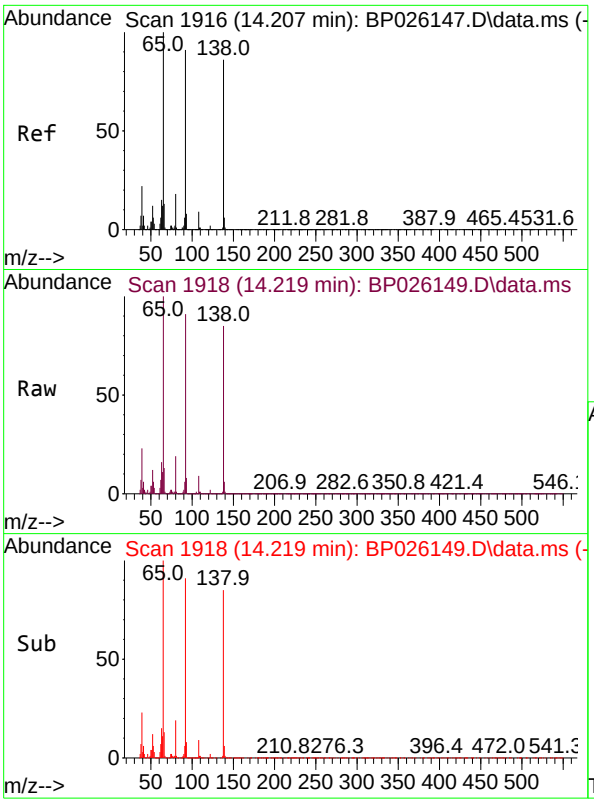



#52
Acenaphthene
Concen: 60.573 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:154 Resp: 2756036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.7 | 136.1 |
| 152 | 53.6 | 42.8 | 64.2 |

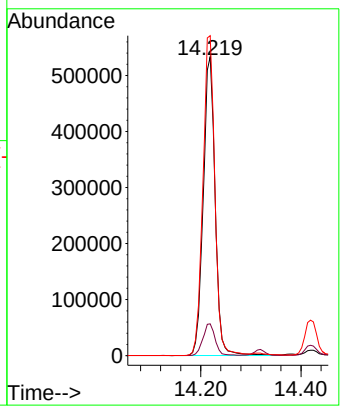





#53
3-Nitroaniline
Concen: 63.349 ng
RT: 14.219 min Scan# 19
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:138 Resp: 87873

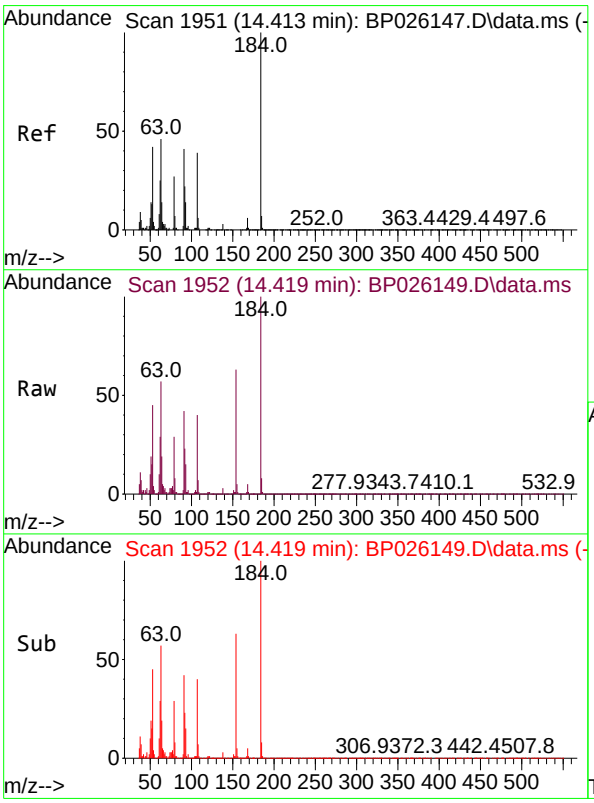
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.9 | 13.3 |
| 92 | 107.1 | 86.3 | 129.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

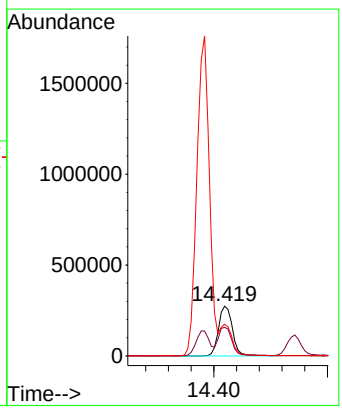
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

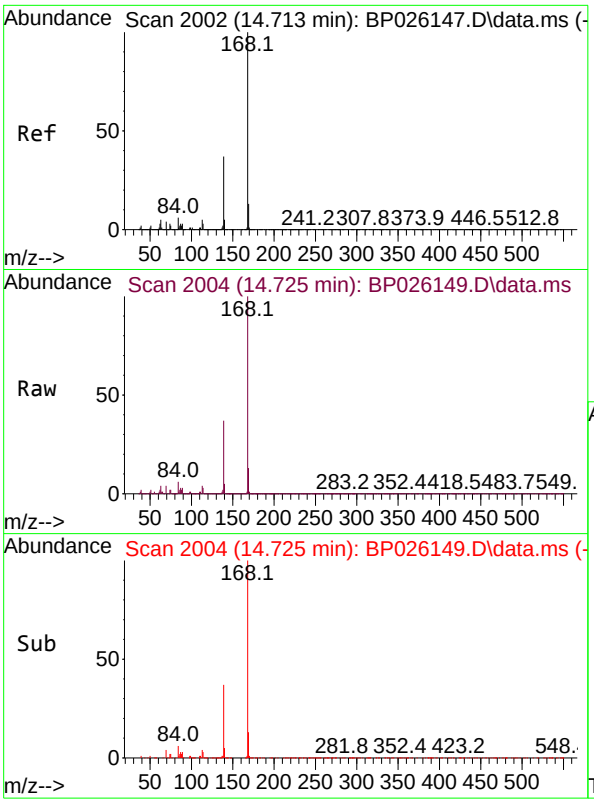



#54
2,4-Dinitrophenol
Concen: 65.711 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:184 Resp: 462858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.5 | 43.1 | 64.7 |
| 154 | 63.5 | 49.5 | 74.3 |

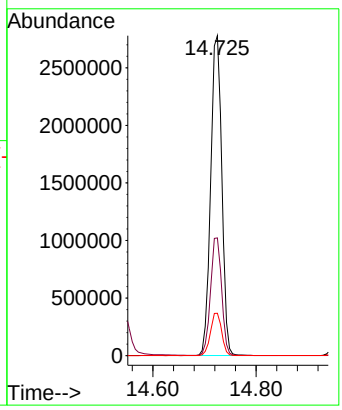





#55
Dibenzofuran
Concen: 58.432 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:168 Resp: 415459

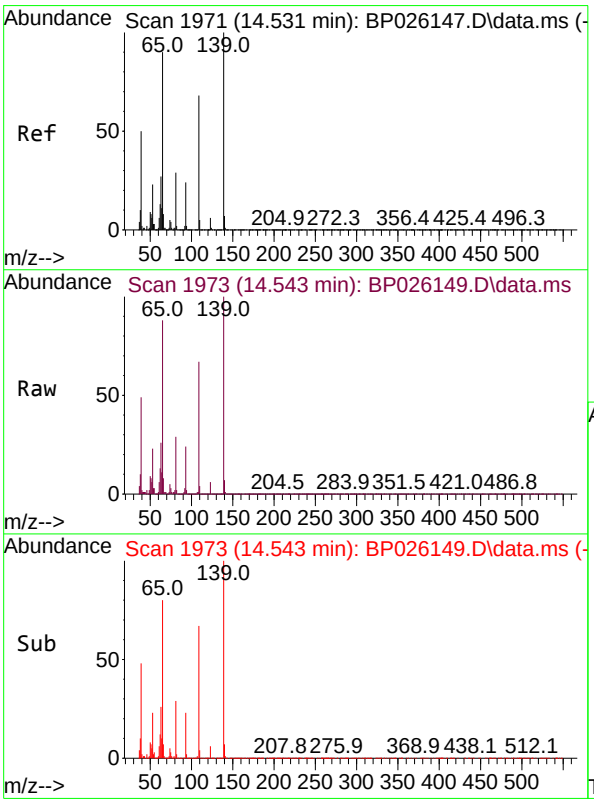
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.8 | 29.8 | 44.6 |
| 169 | 13.2 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

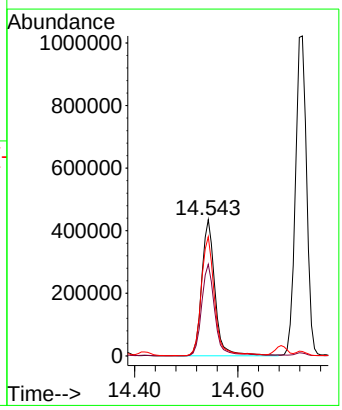
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

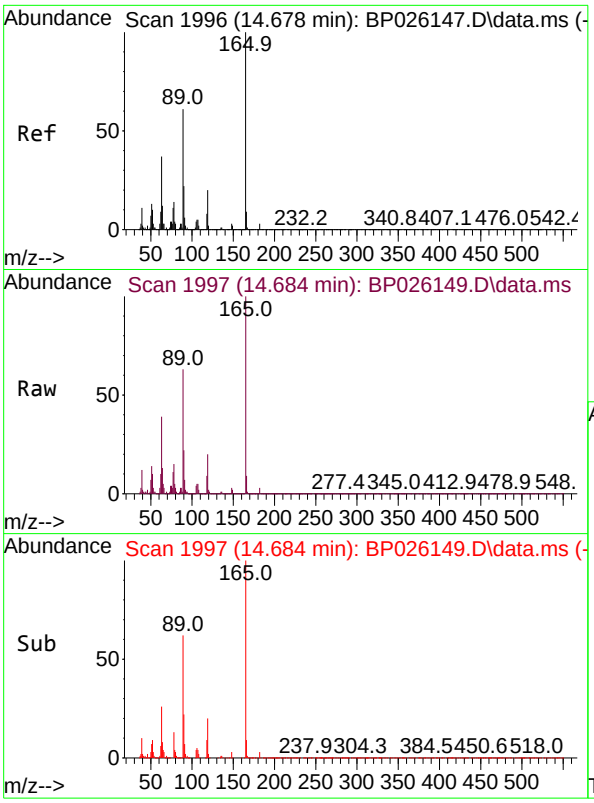



#56
4-Nitrophenol
Concen: 61.570 ng
RT: 14.543 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:139 Resp: 775308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.2 | 46.8 | 86.8 |
| 65 | 87.5 | 69.3 | 109.3 |

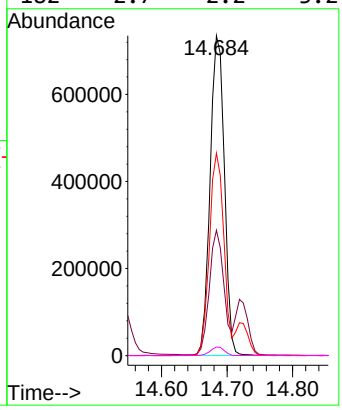





#57
2,4-Dinitrotoluene
Concen: 63.016 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:165 Resp: 111235

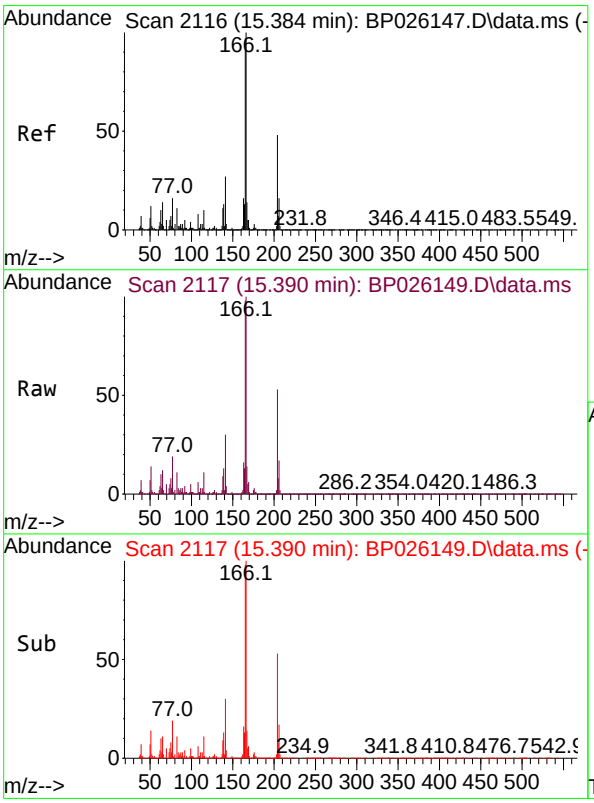
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.2 | 31.0 | 46.6 |
| 89 | 63.3 | 51.7 | 77.5 |
| 182 | 2.7 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

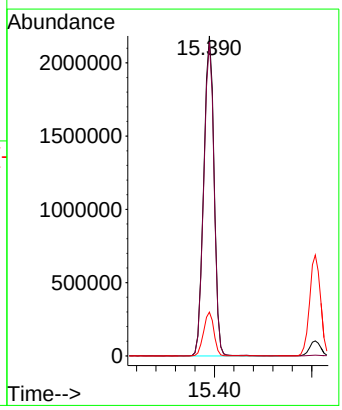
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

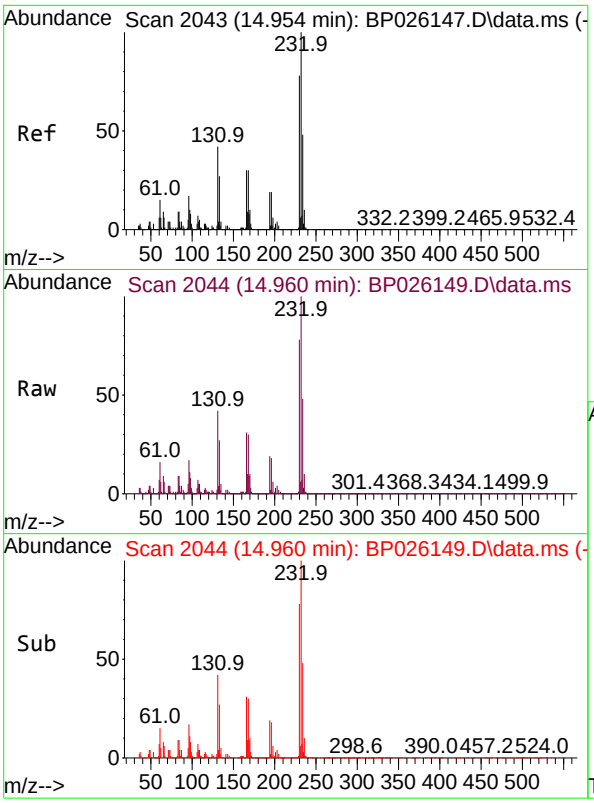



#58
Fluorene
Concen: 57.477 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:166 Resp: 3230615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.1 | 77.9 | 116.9 |
| 167 | 13.7 | 11.0 | 16.4 |

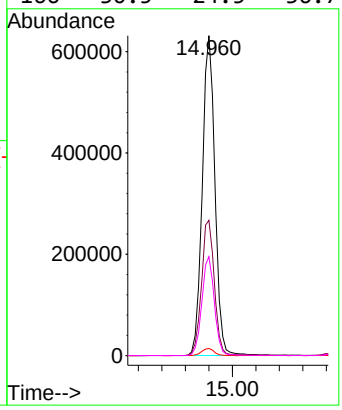





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.606 ng
RT: 14.960 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:232 Resp: 94583

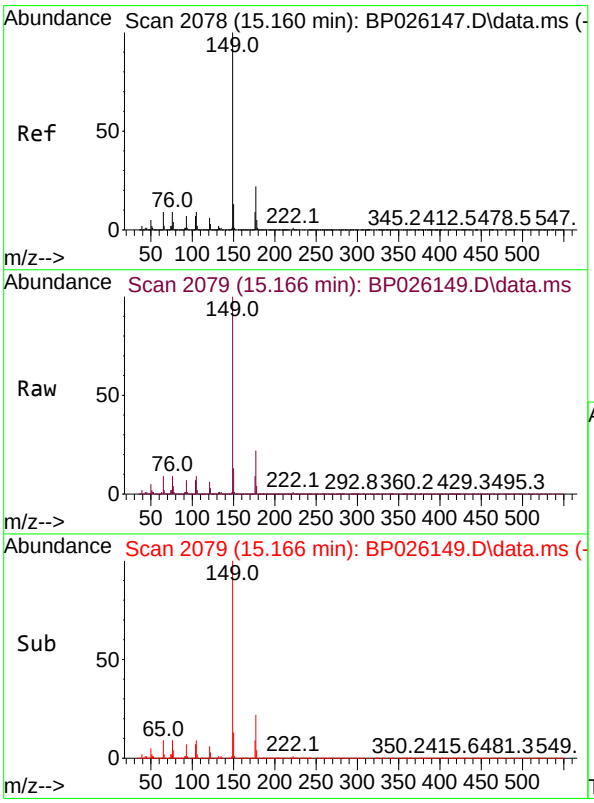
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.1 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.5 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

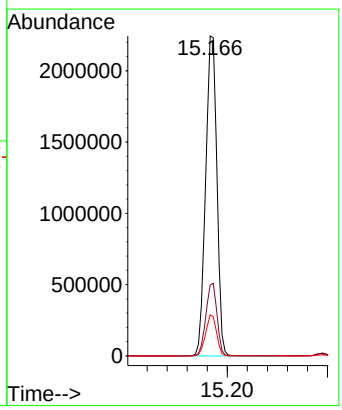
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

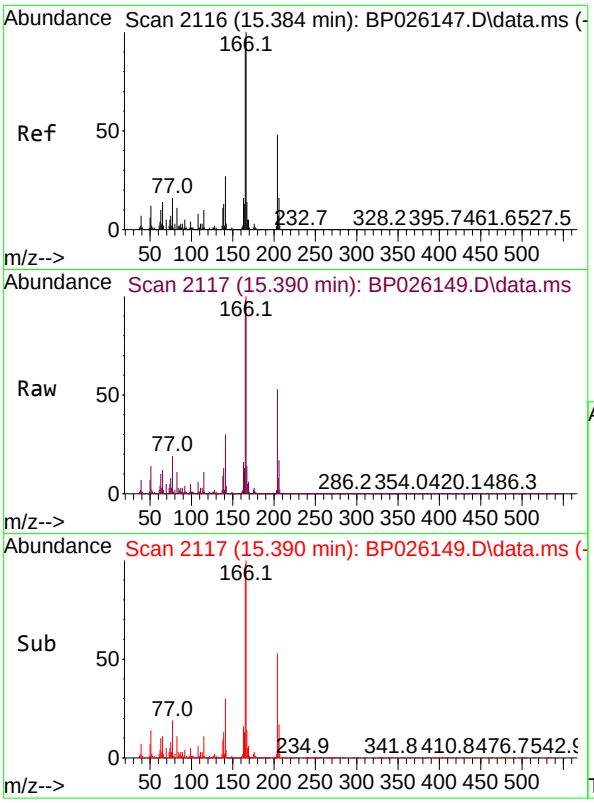



#60
Diethylphthalate
Concen: 58.065 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 3494483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.9 | 26.9 |
| 150 | 12.8 | 9.9 | 14.9 |

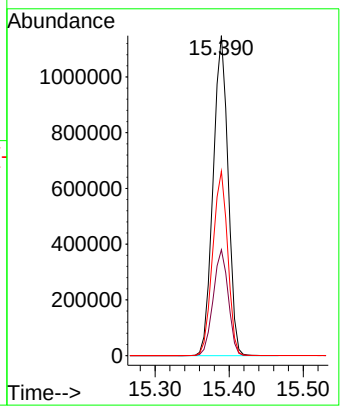





#61
4-Chlorophenyl-phenylether
Concen: 57.693 ng
RT: 15.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:204 Resp: 160963

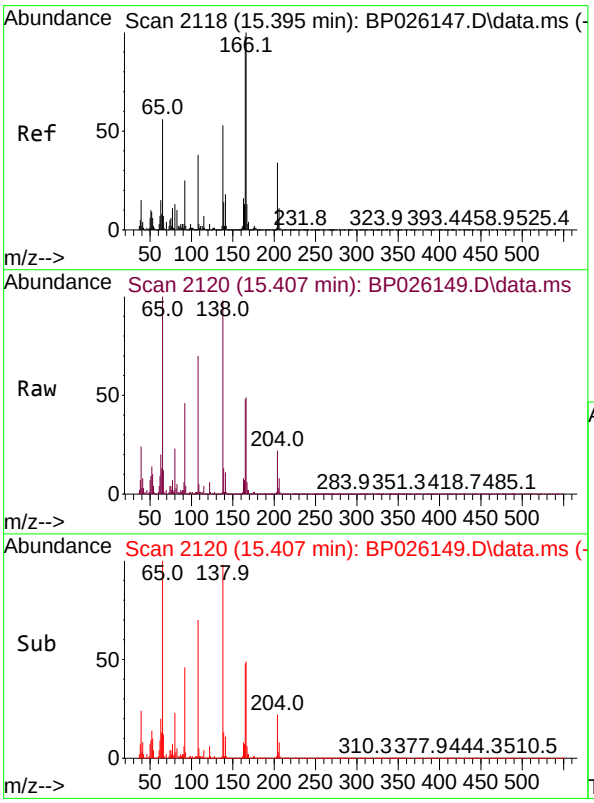
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.2 | 39.2 |
| 141 | 57.6 | 48.1 | 72.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

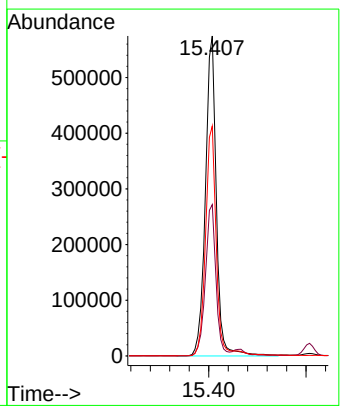
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

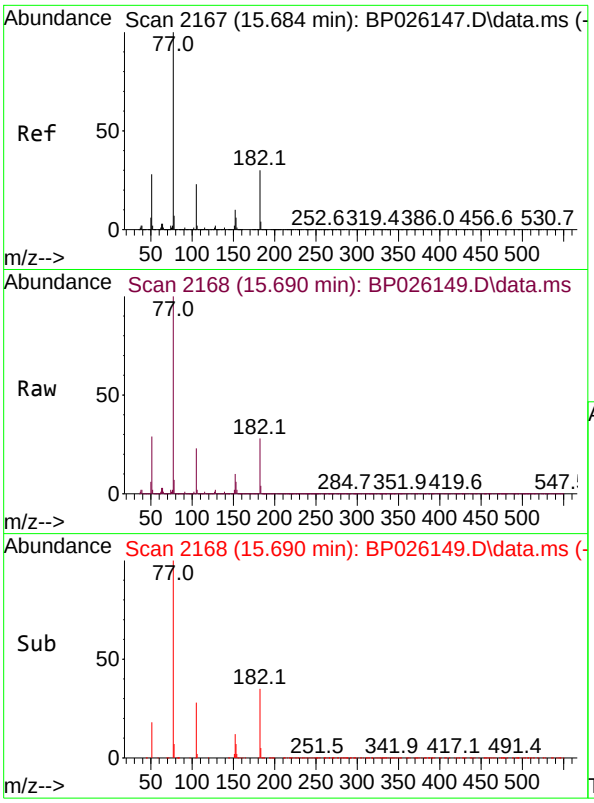



#62
4-Nitroaniline
Concen: 61.908 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:138 Resp: 898849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.3 | 27.5 | 67.5 |
| 108 | 71.8 | 51.1 | 91.1 |

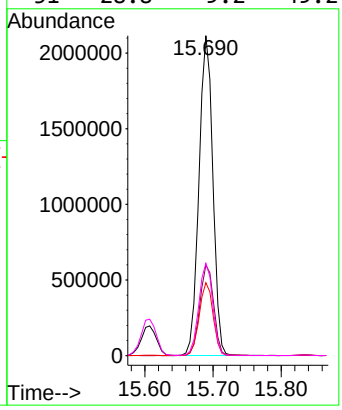





#63
Azobenzene
Concen: 59.189 ng
RT: 15.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 77 Resp: 299272

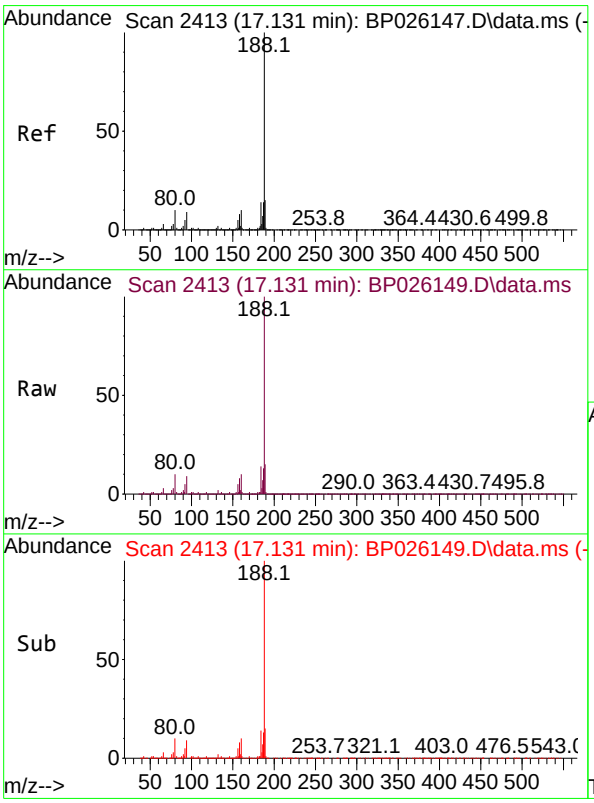
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.3 | 8.8 | 48.8 |
| 105 | 22.8 | 2.6 | 42.6 |
| 51 | 28.8 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

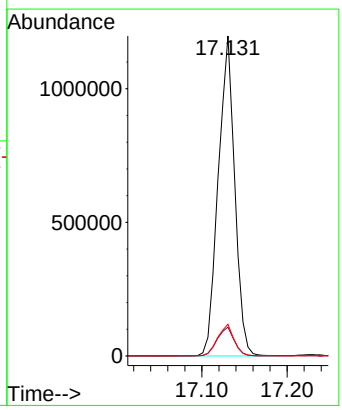
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

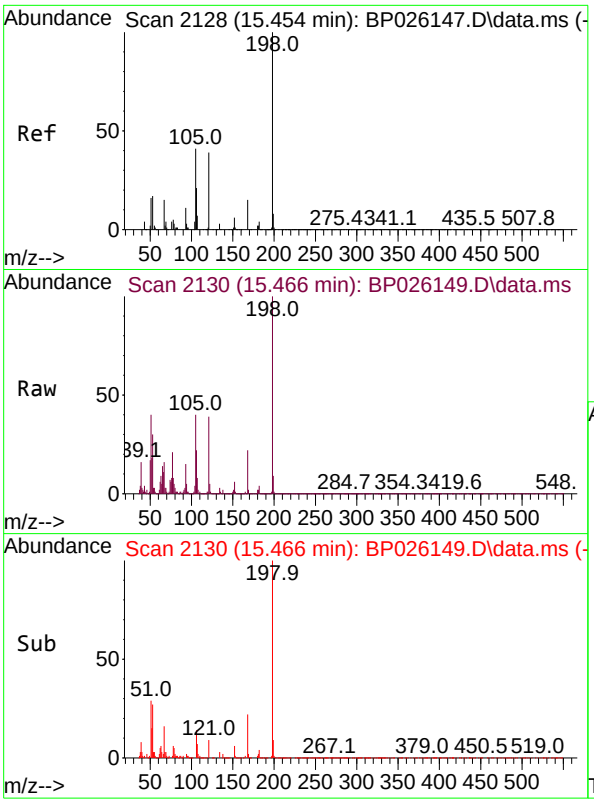



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:188 Resp: 1609780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 7.8 | 11.6 |
| 80 | 9.9 | 8.2 | 12.2 |

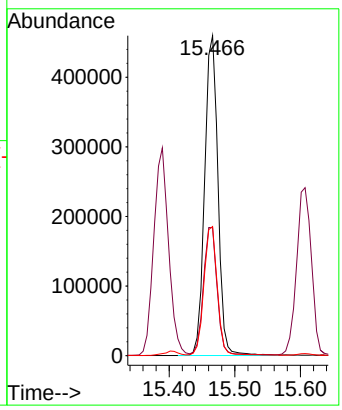





#65
4,6-Dinitro-2-methylphenol
Concen: 63.752 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:198 Resp: 64582

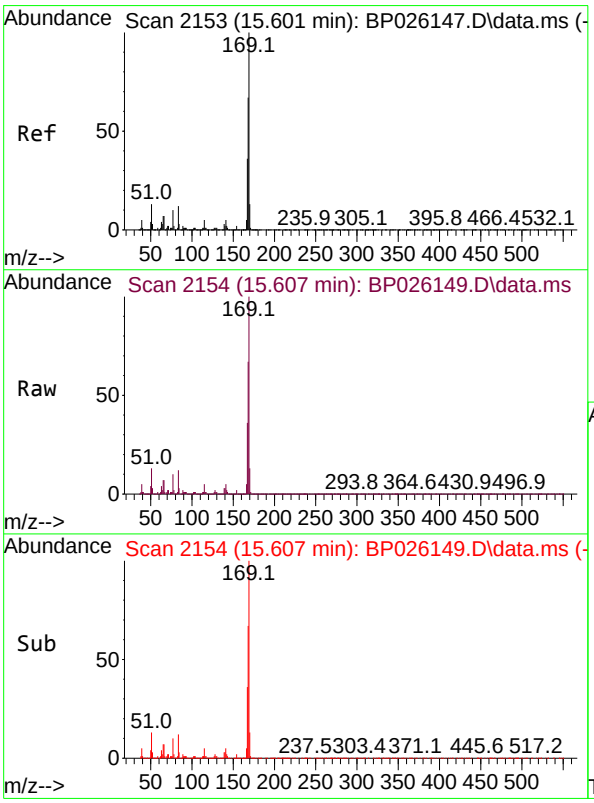
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.0 | 18.4 | 58.4 |
| 105 | 40.3 | 18.5 | 58.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

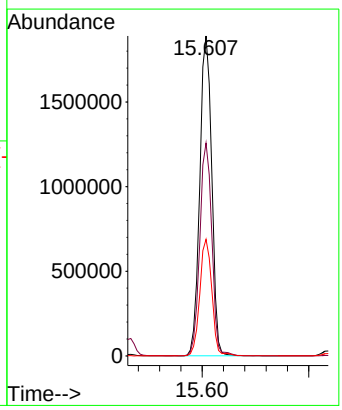
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

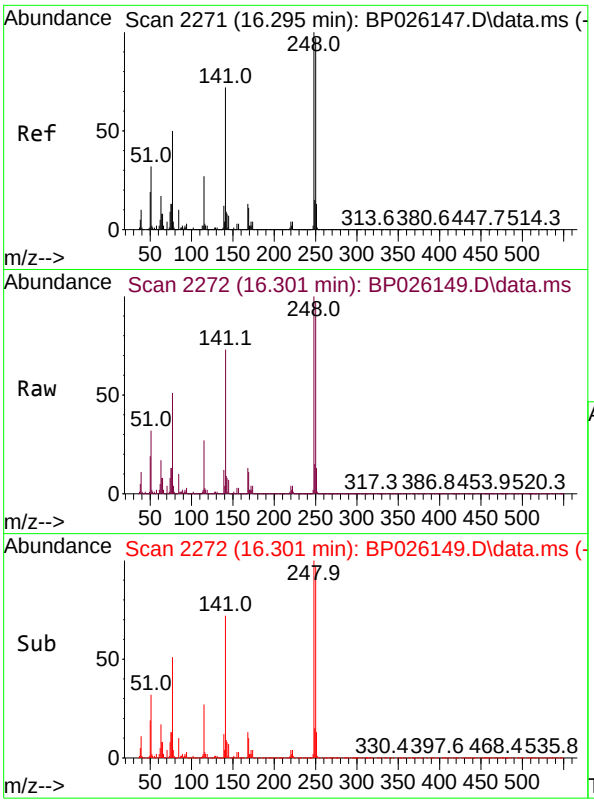



#66
n-Nitrosodiphenylamine
Concen: 59.025 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:169 Resp: 2939838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 36.4 | 28.9 | 43.3 |

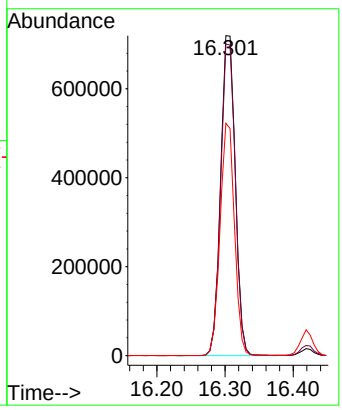





#67
4-Bromophenyl-phenylether
Concen: 59.865 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:248 Resp: 106499

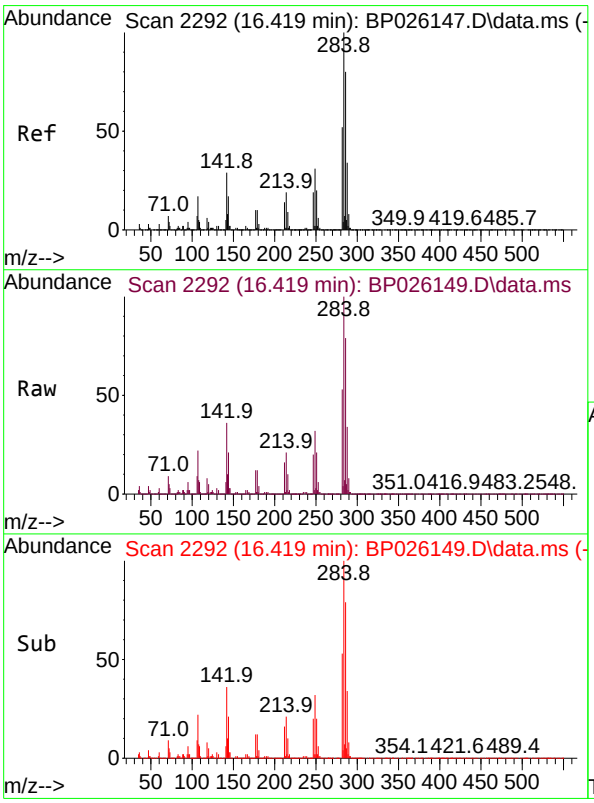
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 77.8 | 116.6 |
| 141 | 72.6 | 55.4 | 83.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

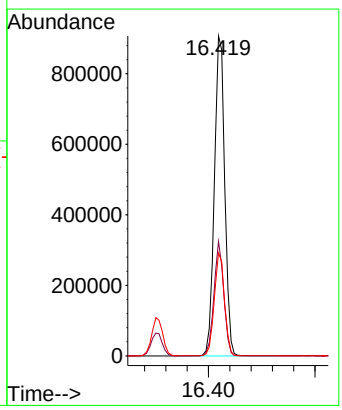
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

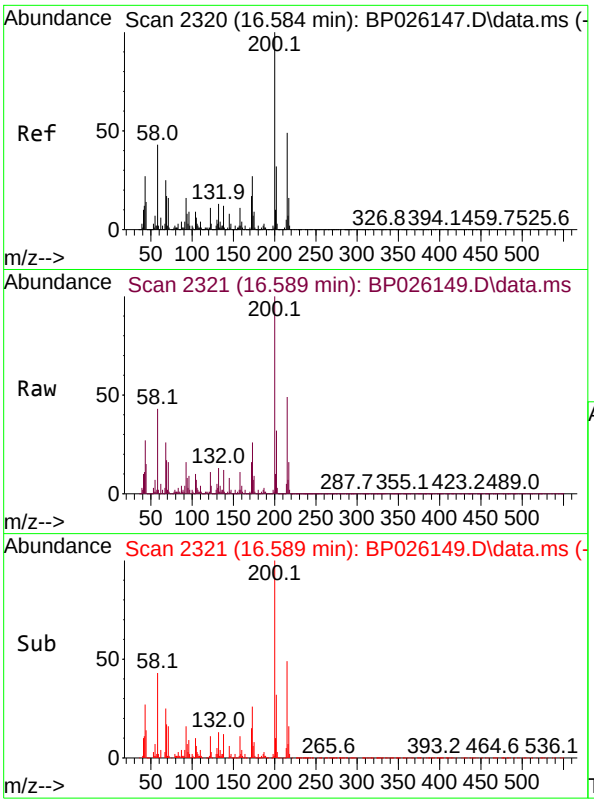



#68
Hexachlorobenzene
Concen: 59.631 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:284 Resp: 1225655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.8 | 28.0 | 42.0 |
| 249 | 32.2 | 25.0 | 37.4 |

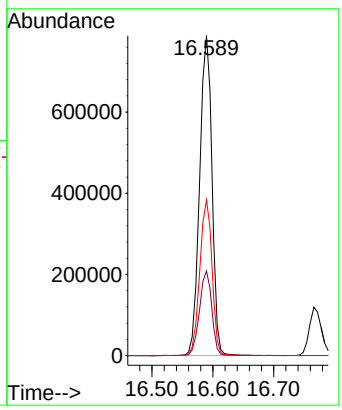





#69
Atrazine
Concen: 59.021 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:200 Resp: 110697

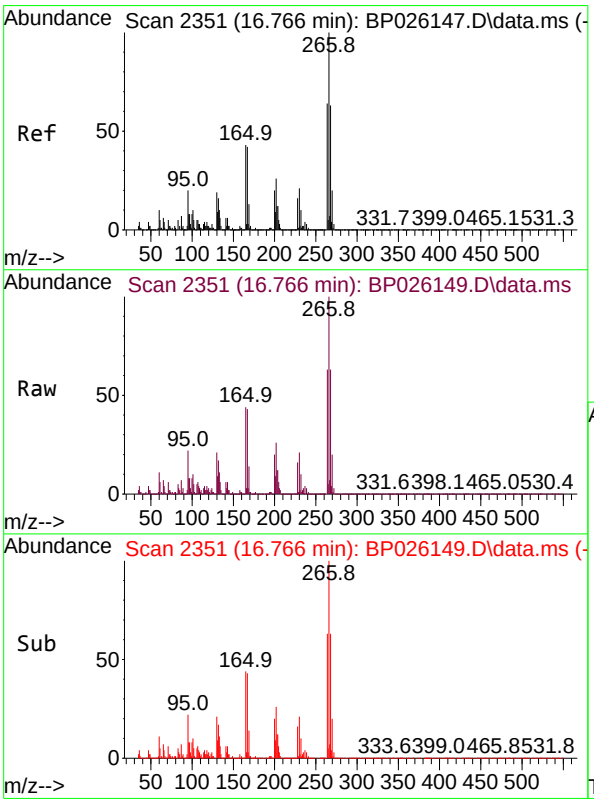
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

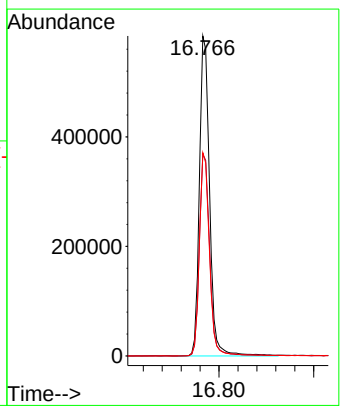
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

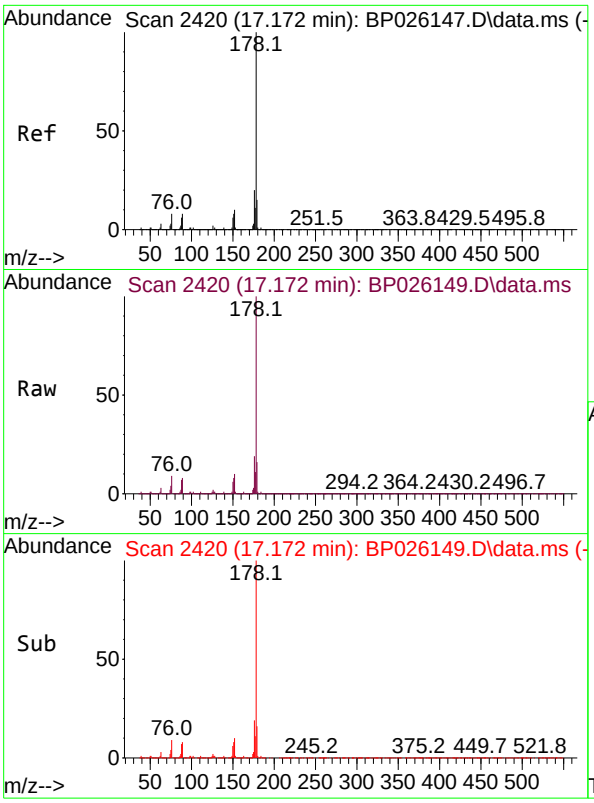



#70
Pentachlorophenol
Concen: 60.353 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:266 Resp: 870320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.1 | 51.0 | 76.4 |
| 264 | 63.5 | 50.2 | 75.2 |

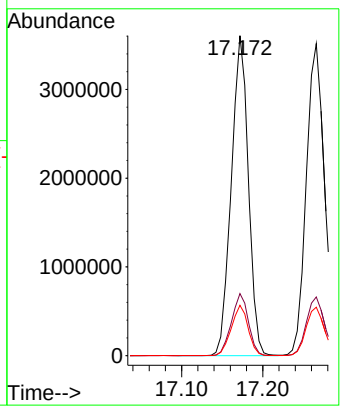





#71
Phenanthrene
Concen: 57.751 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:178 Resp: 525950

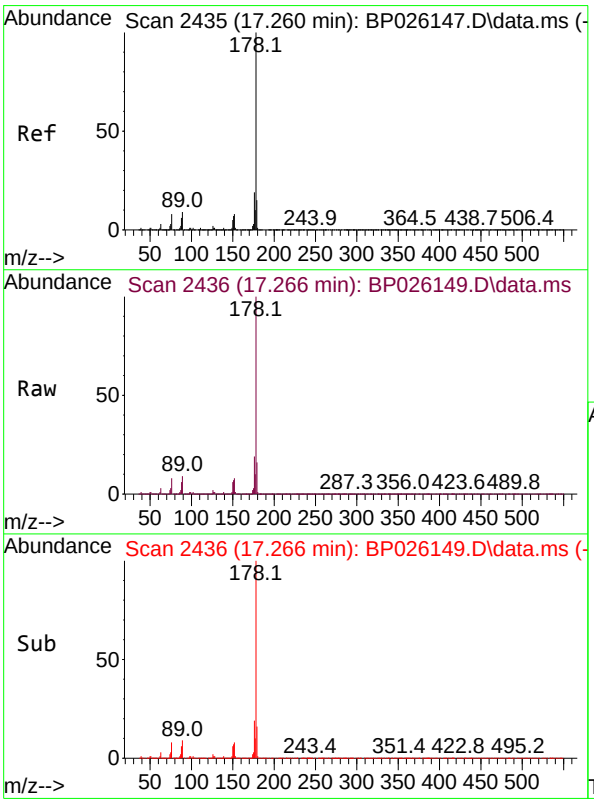
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.4 | 23.2 |
| 179 | 15.7 | 12.4 | 18.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

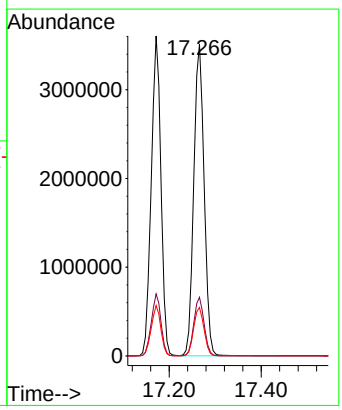
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

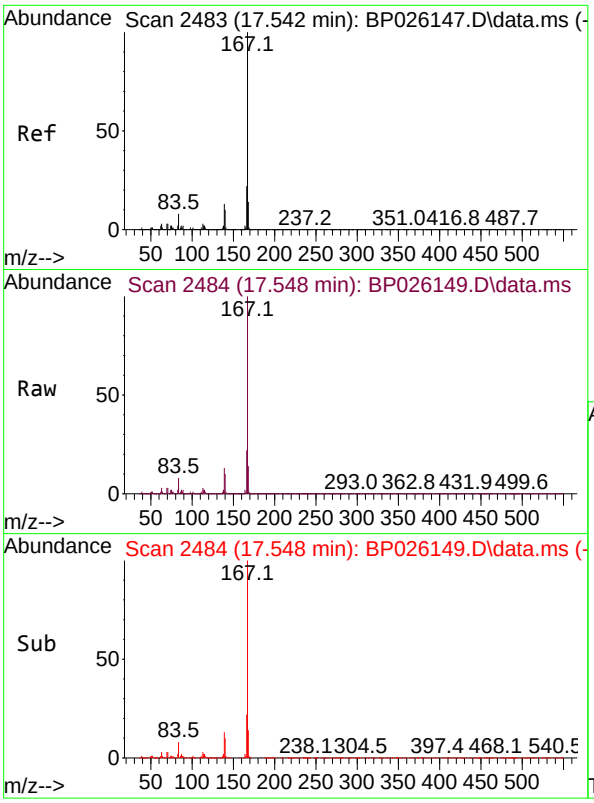



#72
Anthracene
Concen: 58.894 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:178 Resp: 5478029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.8 | 22.2 |
| 179 | 15.5 | 12.2 | 18.4 |

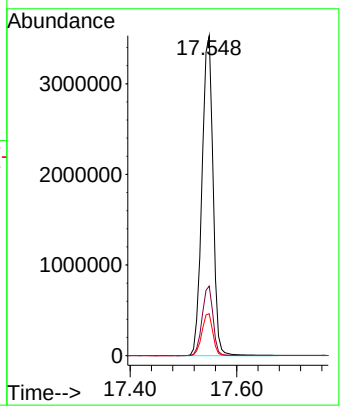





#73
Carbazole
Concen: 57.610 ng
RT: 17.548 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:167 Resp: 506947

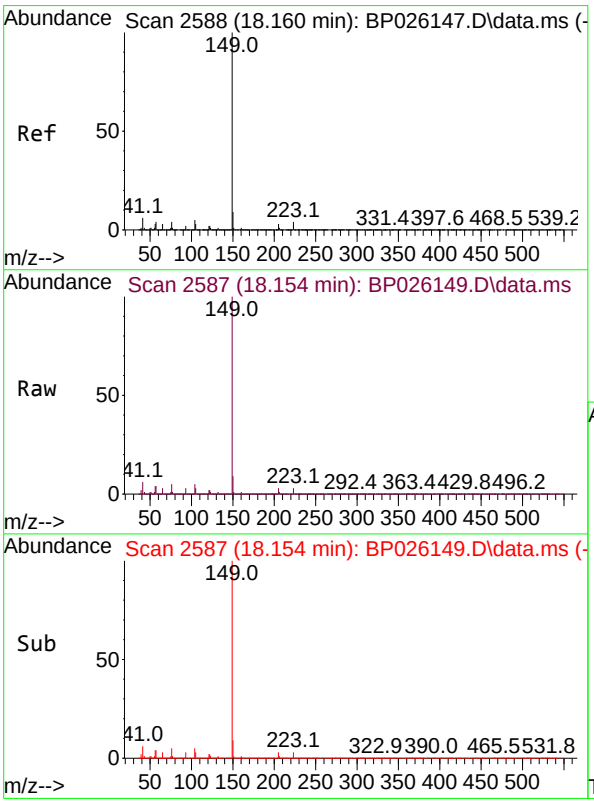
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.1 | 25.7 |
| 139 | 13.1 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

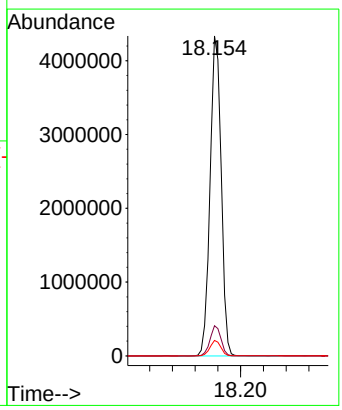
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

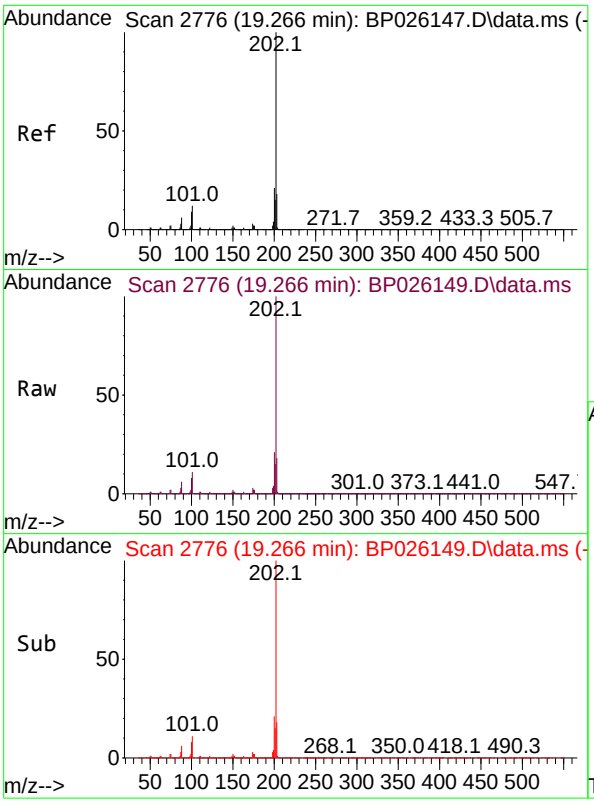



#74
Di-n-butylphthalate
Concen: 56.562 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 5907343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.5 | 11.3 |
| 104 | 4.8 | 3.6 | 5.4 |

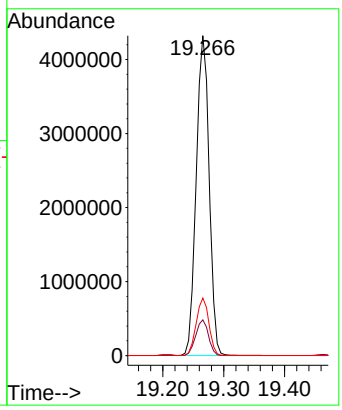





#75
Fluoranthene
Concen: 57.206 ng
RT: 19.266 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:202 Resp: 636761

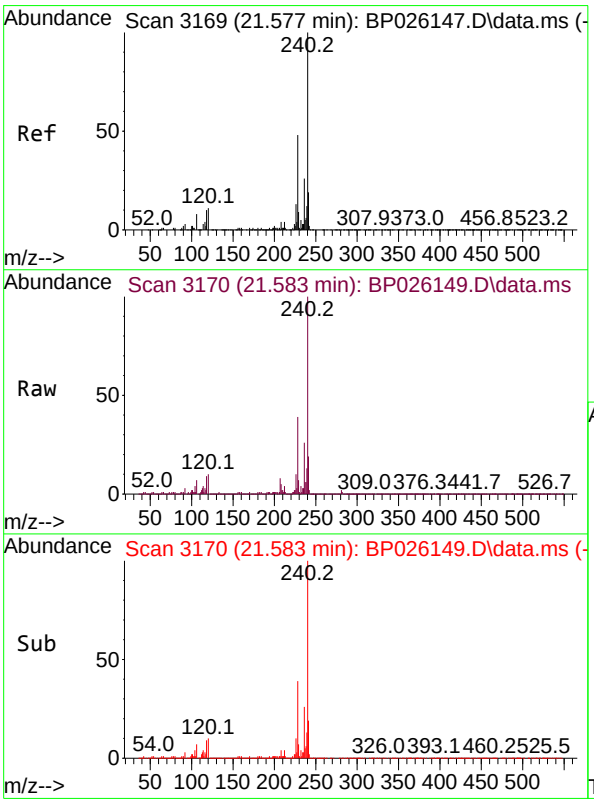
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 0.0 | 31.2 |
| 203 | 18.0 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

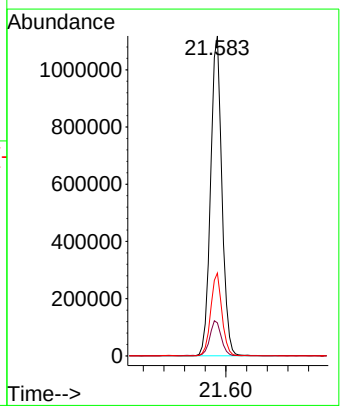
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

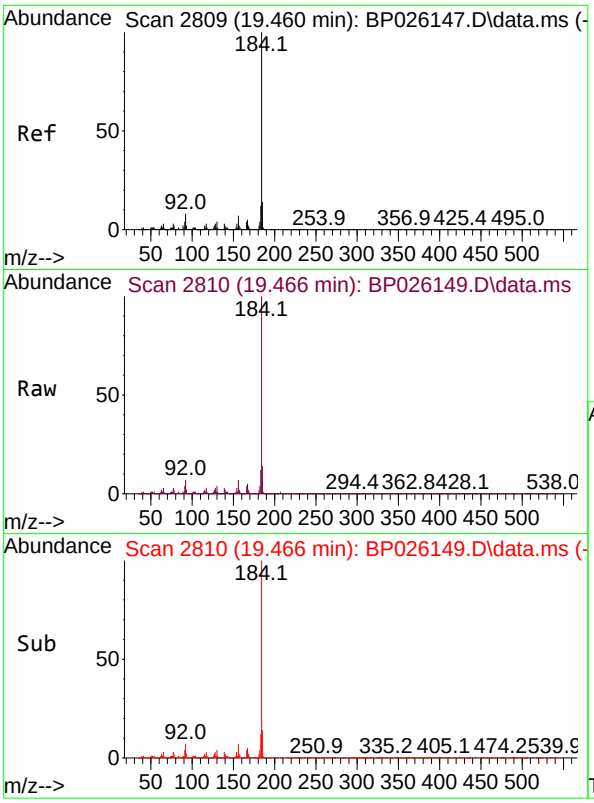



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:240 Resp: 1696557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 9.0 | 13.4 |
| 236 | 25.9 | 20.4 | 30.6 |

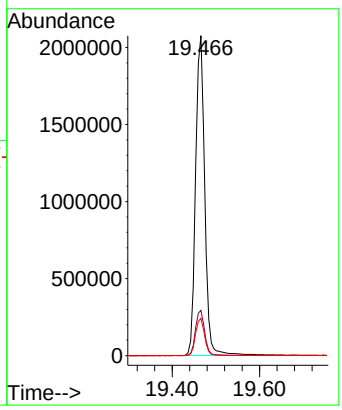





#77
Benzidine
Concen: 57.876 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:184 Resp: 3022349

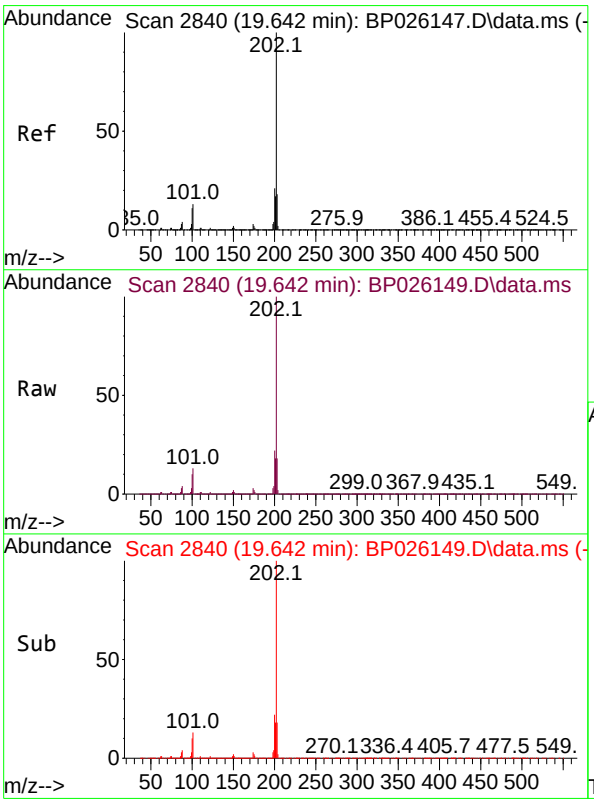
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.3 | 16.9 |
| 183 | 11.6 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

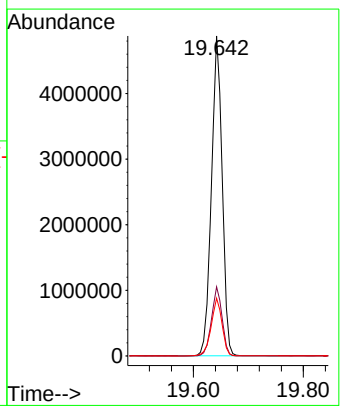
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

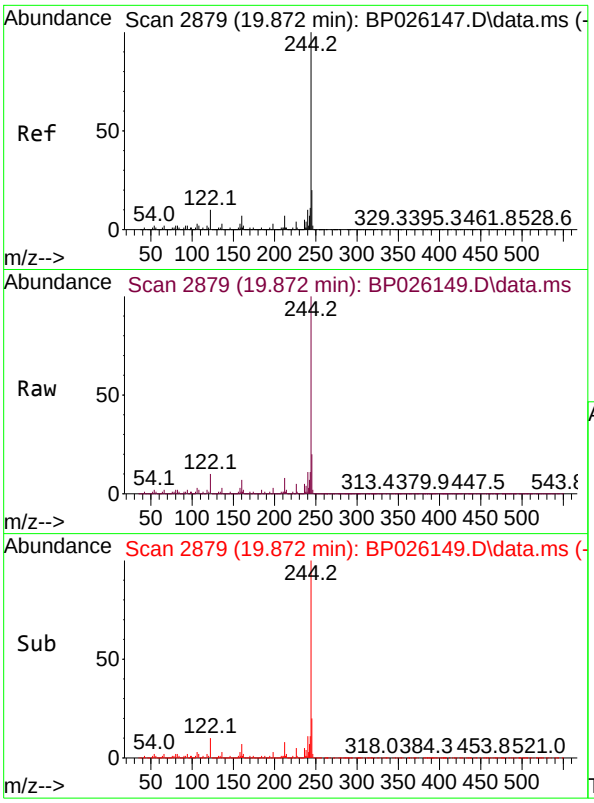



#78
Pyrene
Concen: 59.952 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:202 Resp: 6627085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 16.9 | 25.3 |
| 203 | 18.0 | 13.8 | 20.8 |






#79
Terphenyl-d14
Concen: 112.262 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

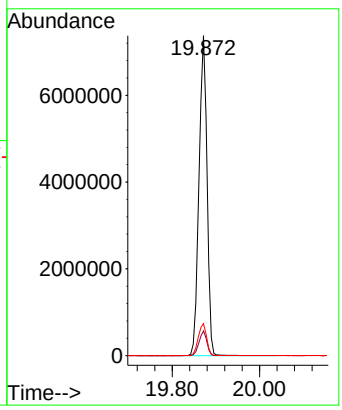
**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

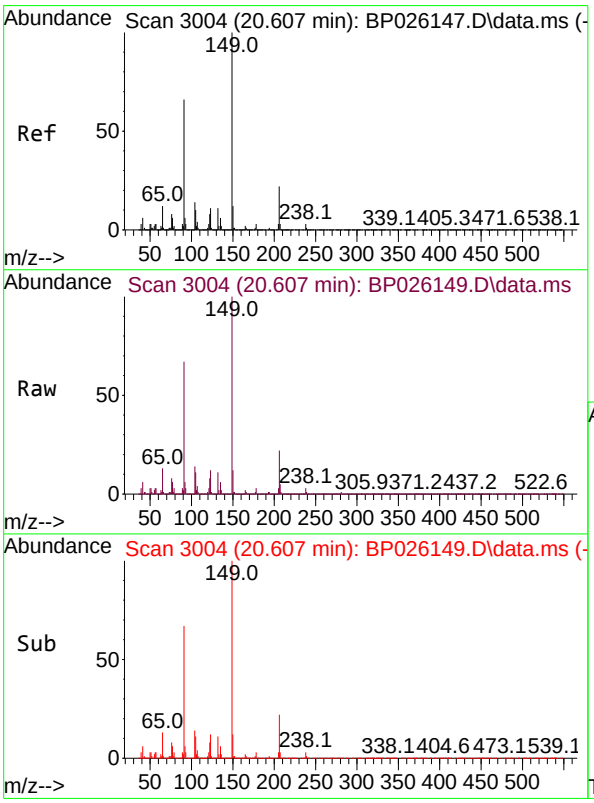
Tgt Ion:244 Resp: 933964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.8 | 8.8 |
| 122 | 10.0 | 8.2 | 12.2 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

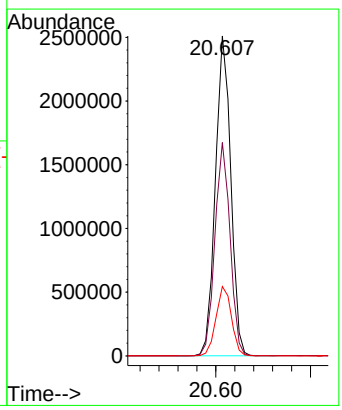


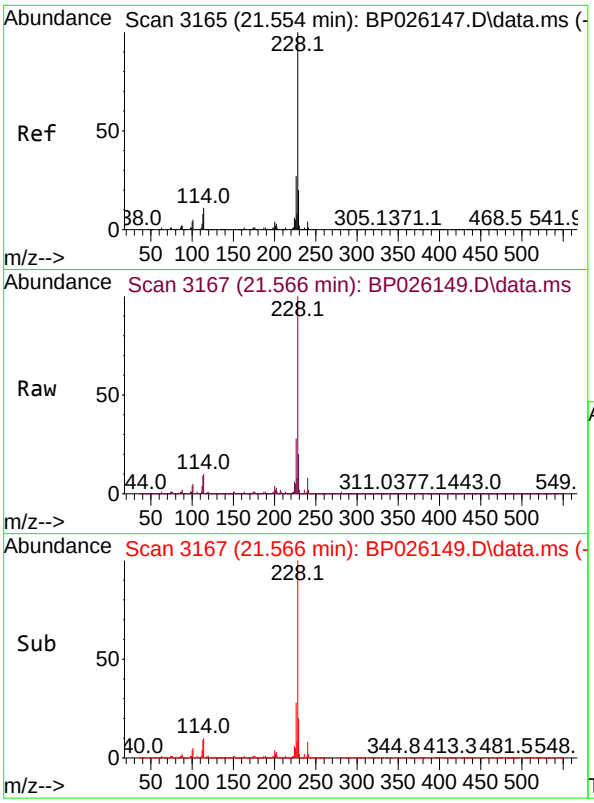




#80
Butylbenzylphthalate
Concen: 57.369 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 2824354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.7 | 52.6 | 79.0 |
| 206 | 21.7 | 16.9 | 25.3 |

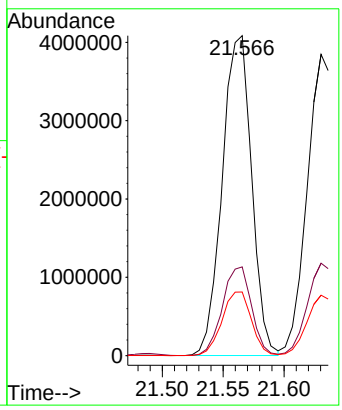





#81
Benzo(a)anthracene
Concen: 59.071 ng
RT: 21.566 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:228 Resp: 687307

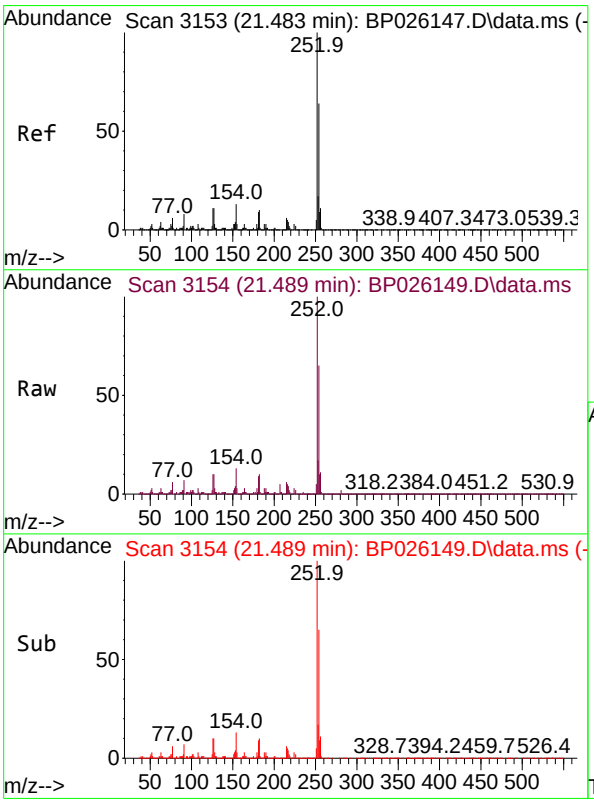
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 21.8 | 32.8 |
| 229 | 19.9 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

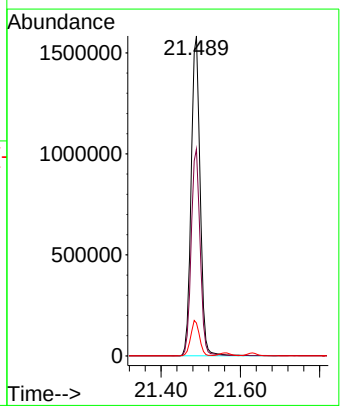
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

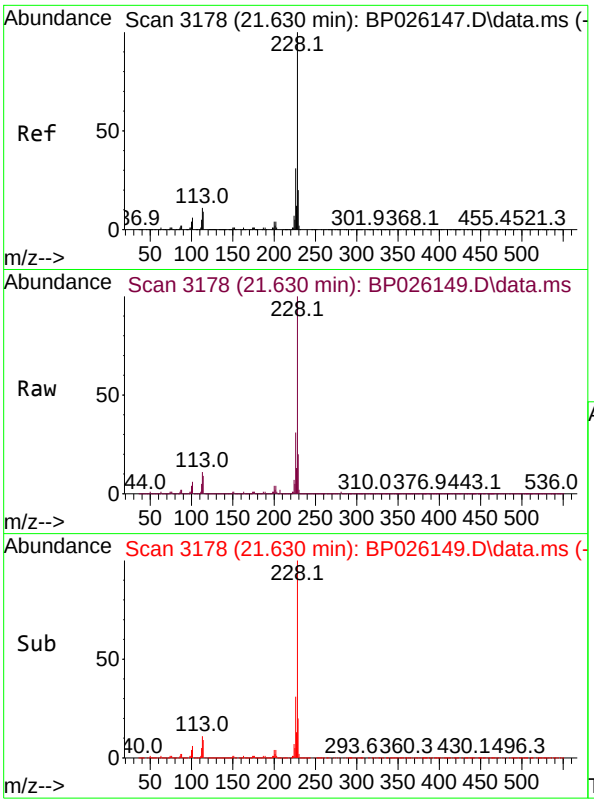



#82
3,3'-Dichlorobenzidine
Concen: 59.050 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 2496806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.2 | 76.8 |
| 126 | 10.3 | 8.2 | 12.4 |

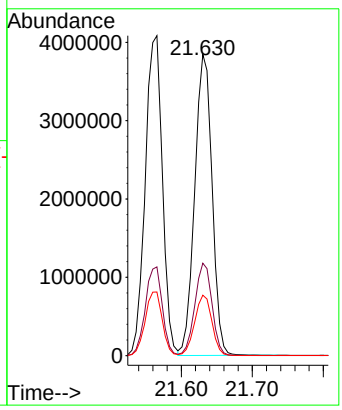





#83
Chrysene
Concen: 59.444 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:228 Resp: 651165

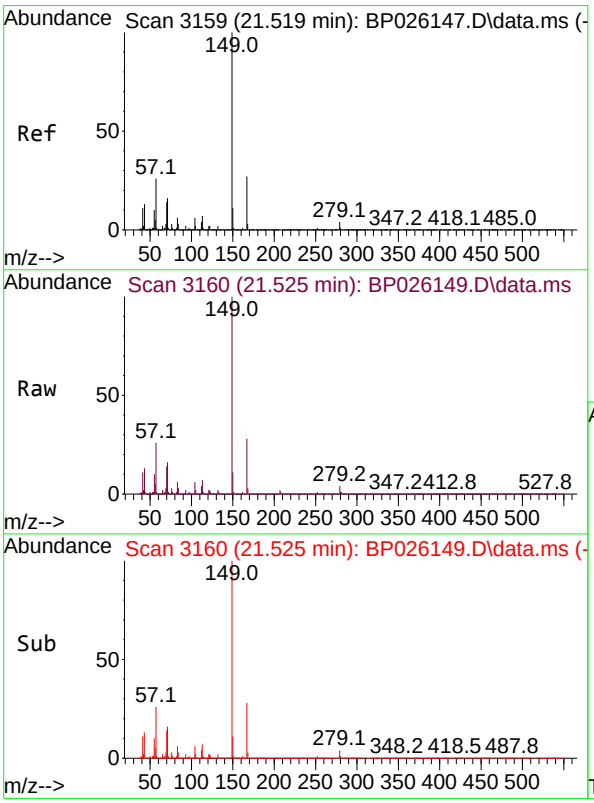
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 23.9 | 35.9 |
| 229 | 20.1 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

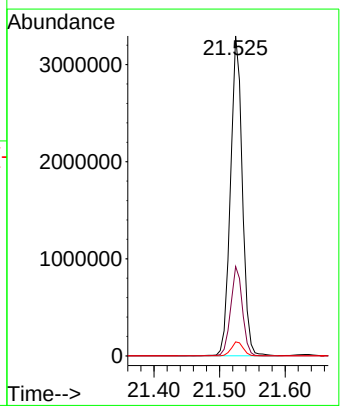
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

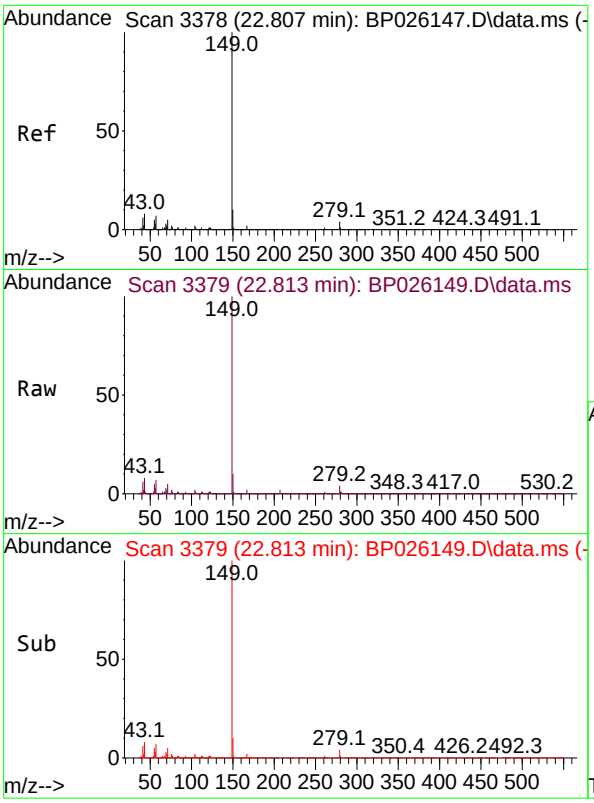



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.063 ng
RT: 21.525 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 4143037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.1 | 33.1 |
| 279 | 4.4 | 3.3 | 4.9 |

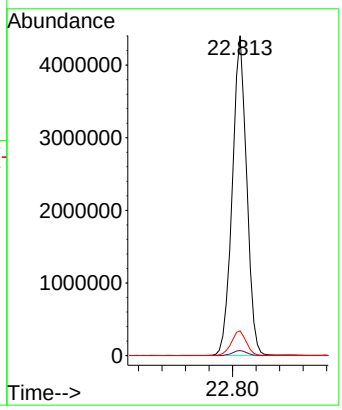





#85
Di-n-octyl phthalate
Concen: 57.415 ng
RT: 22.813 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:149 Resp: 746682

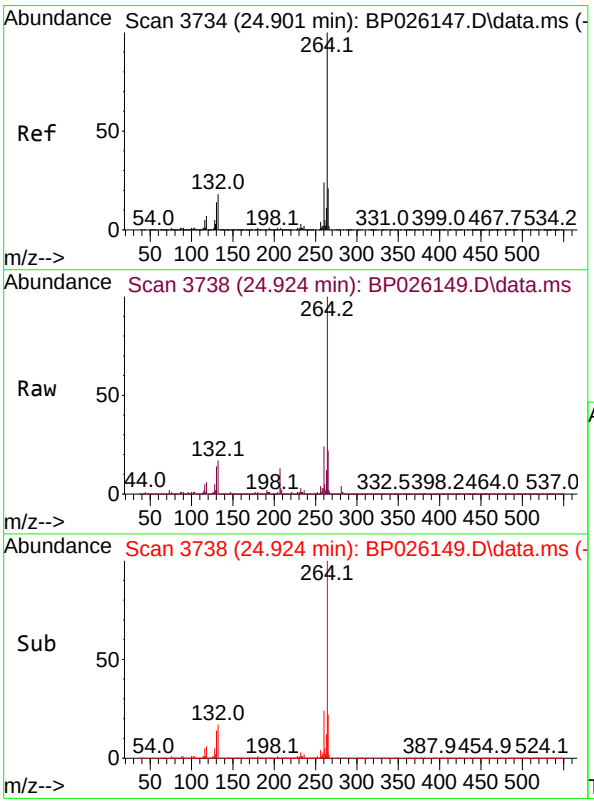
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.9 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

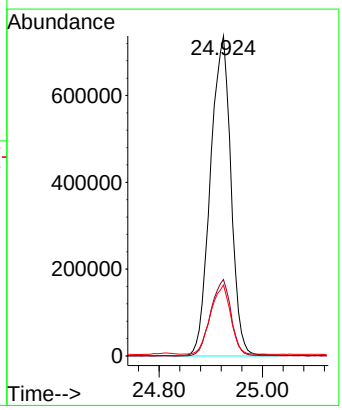
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

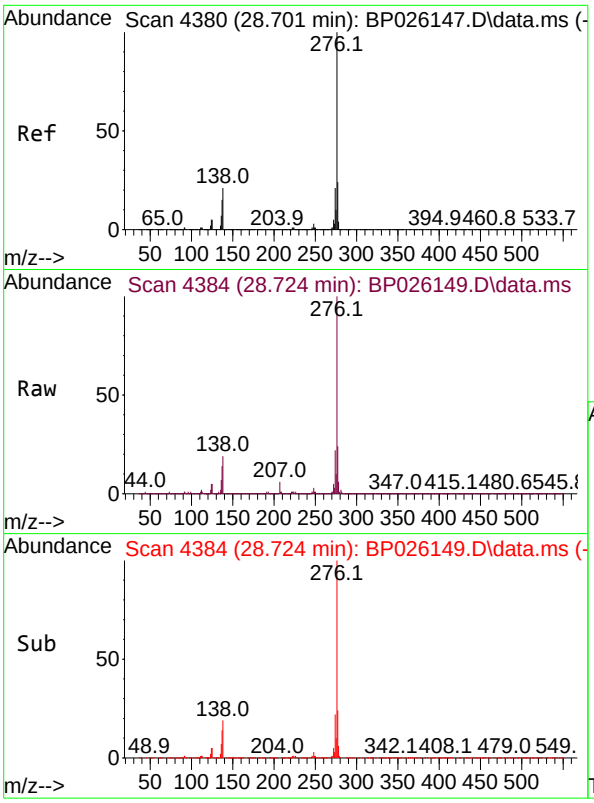



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:264 Resp: 2032089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 18.7 | 28.1 |
| 265 | 22.2 | 17.5 | 26.3 |

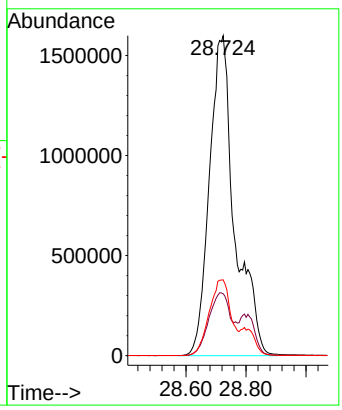





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.647 ng m
RT: 28.724 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:276 Resp: 933248

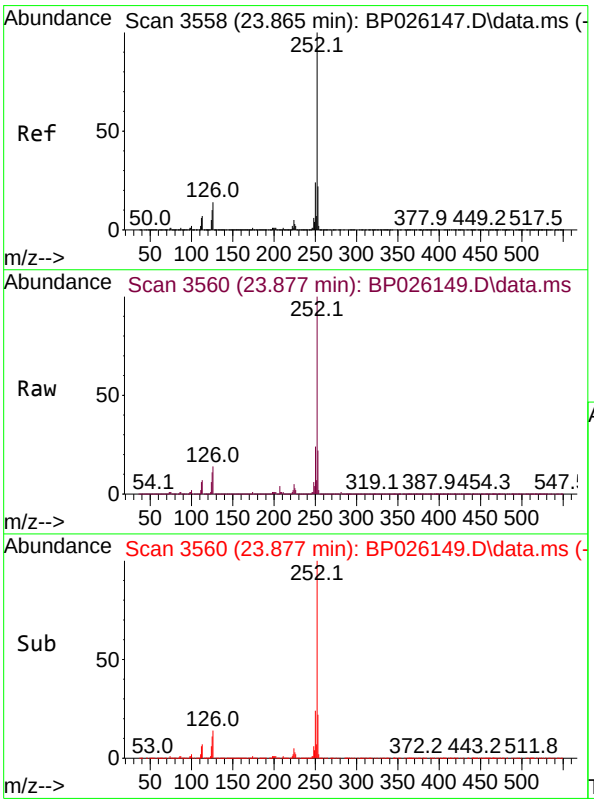
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.8 | 13.8 | 20.8 |
| 277 | 20.5 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

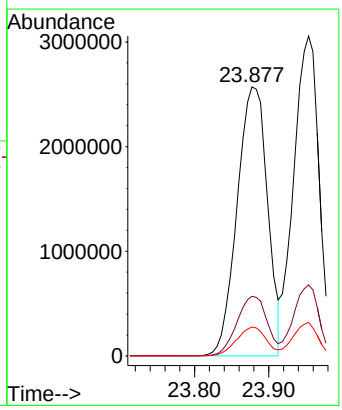
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

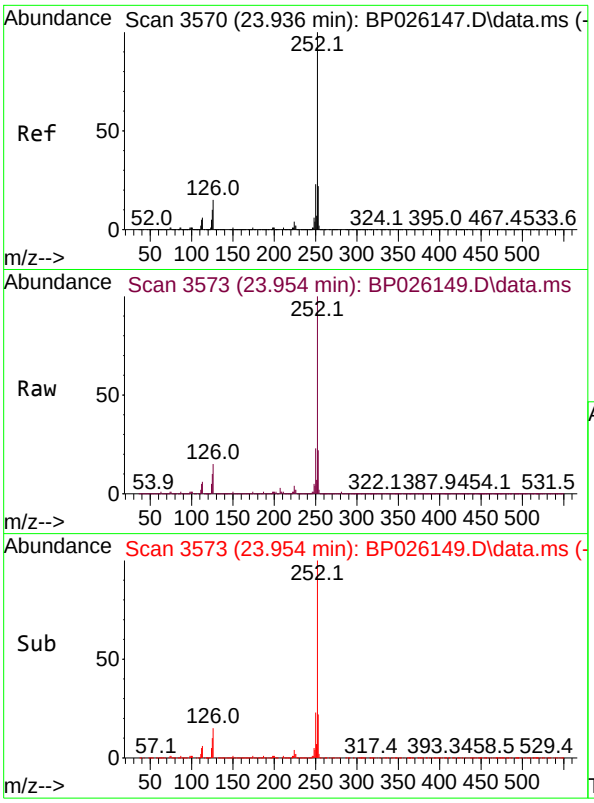



#88
Benzo(b)fluoranthene
Concen: 59.218 ng
RT: 23.877 min Scan# 3560
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 7316006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.7 | 8.2 | 12.4 |






#89
Benzo(k)fluoranthene
Concen: 58.835 ng
RT: 23.954 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

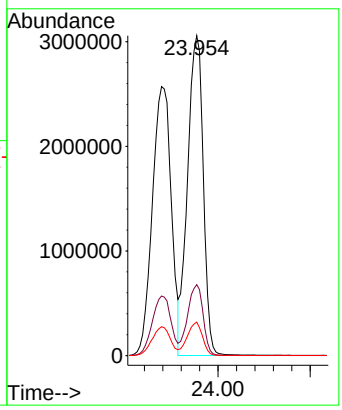
Tgt Ion:252 Resp: 726455

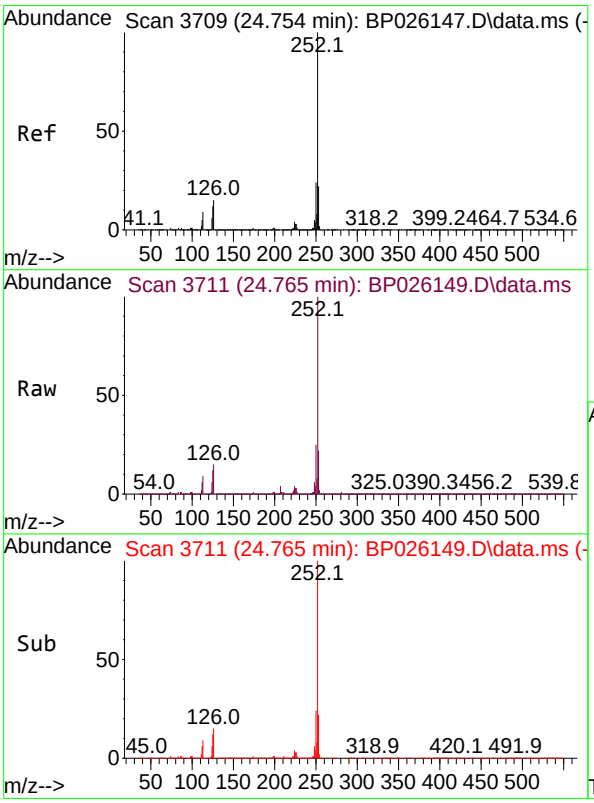
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.6 | 26.4 |
| 125 | 10.5 | 7.5 | 11.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

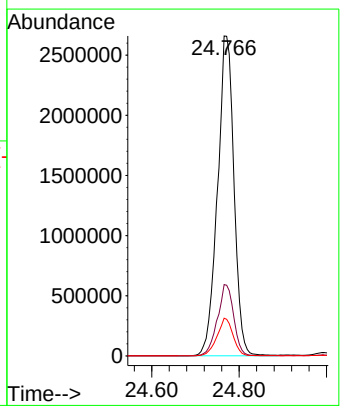


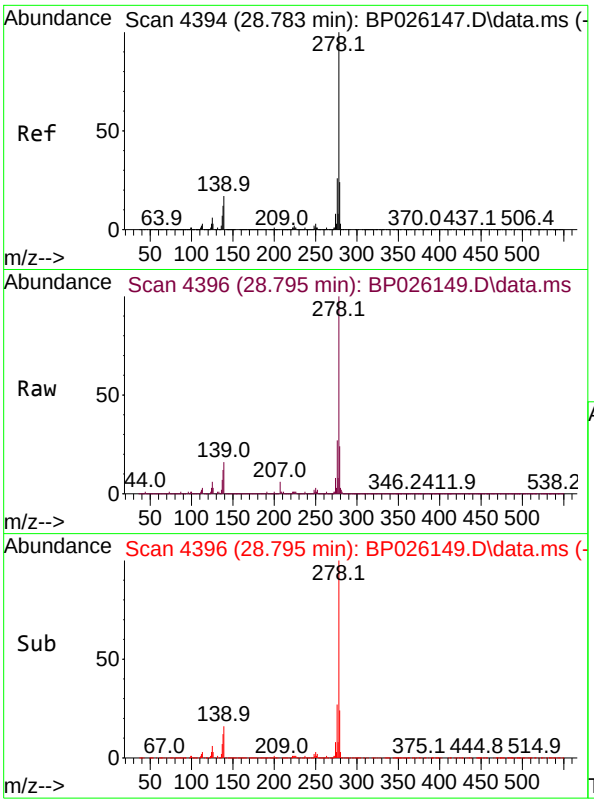




#90
Benzo(a)pyrene
Concen: 59.626 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 6987741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.2 |
| 125 | 11.8 | 9.0 | 13.6 |

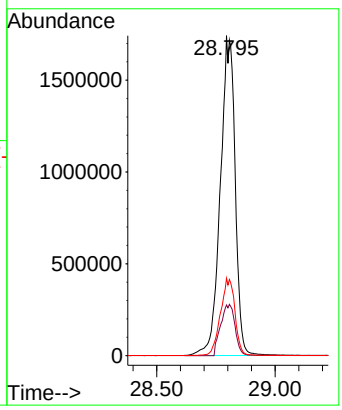





#91
Dibenzo(a,h)anthracene
Concen: 61.180 ng
RT: 28.795 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:278 Resp: 759069

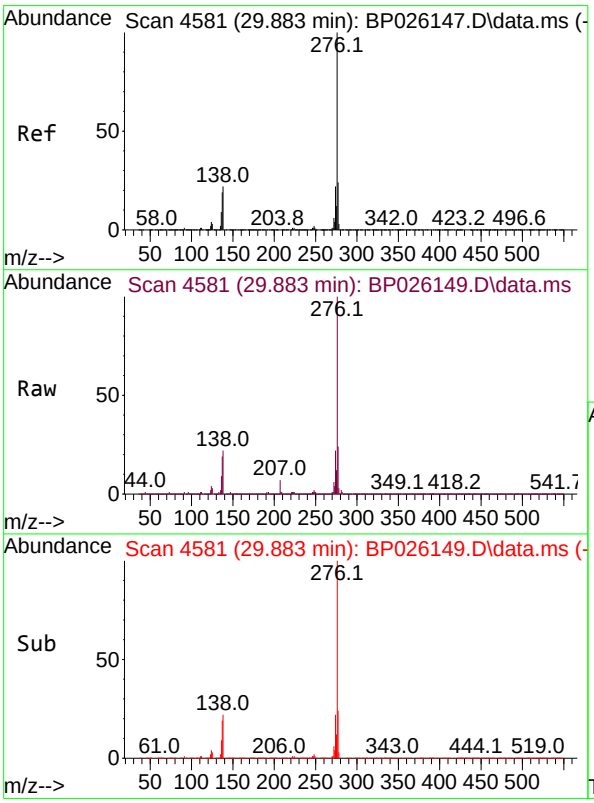
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.8 | 13.2 | 19.8 |
| 279 | 24.2 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC060

**Manual Integrations**
**APPROVED**

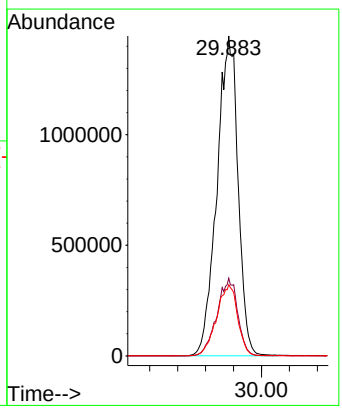
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 61.561 ng
RT: 29.883 min Scan# 4581
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:276 Resp: 7581255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 18.8 | 28.2 |
| 138 | 22.2 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 345750 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.437 | 136 | 1443668 | 20.000 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 916253 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.125 | 188 | 1816815 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.583 | 240 | 1872355 | 20.000 | ng | | 0.01 |
| 86) Perylene-d12 | 24.907 | 264 | 2234365 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 3442714 | 159.776 | ng | | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 4415130 | 160.812 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.819 | 82 | 4033252 | 158.440 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.836 | 330 | 1917042 | 161.460 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 9156268 | 145.791 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.866 | 244 | 12964447 | 141.200 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 682656 | 77.877 | ng | | 99 |
| 3) Pyridine | 3.619 | 79 | 2016163 | 79.785 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 746299 | 79.241 | ng | | 97 |
| 6) Aniline | 7.008 | 93 | 2927759 | 80.951 | ng | | 99 |
| 8) 2-Chlorophenol | 7.249 | 128 | 2009119 | 81.986 | ng | | 99 |
| 9) Benzaldehyde | 6.819 | 77 | 930739 | 78.716 | ng | | 99 |
| 10) Phenol | 6.884 | 94 | 2391614 | 80.950 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.108 | 93 | 1867638 | 81.013 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.566 | 146 | 2099884 | 79.578 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 2115552 | 79.609 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 2024908 | 79.210 | ng | | 99 |
| 15) Benzyl Alcohol | 7.907 | 79 | 1621861 | 80.734 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.196 | 45 | 2616851 | 80.284 | ng | | 99 |
| 17) 2-Methylphenol | 8.113 | 107 | 1634861 | 81.249 | ng | | 100 |
| 18) Hexachloroethane | 8.737 | 117 | 803419 | 82.952 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.478 | 70 | 1364163 | 79.788 | ng | | 100 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 2230760 | 79.724 | ng | | 99 |
| 22) Acetophenone | 8.484 | 105 | 2844696 | 77.453 | ng | # | 99 |
| 24) Nitrobenzene | 8.855 | 77 | 2043562 | 79.321 | ng | | 99 |
| 25) Isophorone | 9.384 | 82 | 4022278 | 79.581 | ng | | 99 |
| 26) 2-Nitrophenol | 9.560 | 139 | 1116252 | 85.938 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 1863595 | 79.196 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.860 | 93 | 2515997 | 79.503 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.090 | 162 | 1895607 | 80.853 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 1895013 | 79.315 | ng | | 99 |
| 31) Naphthalene | 10.490 | 128 | 6074938 | 77.497 | ng | | 99 |
| 32) Benzoic acid | 9.813 | 122 | 1646676 | 86.975 | ng | | 99 |
| 33) 4-Chloroaniline | 10.596 | 127 | 2640734 | 79.361 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.784 | 225 | 1266129 | 81.448 | ng | | 99 |
| 35) Caprolactam | 11.401 | 113 | 653660 | 77.424 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 1972354 | 79.070 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 4297114 | 77.446 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.331 | 142 | 4151377 | 76.467 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.484 | 216 | 2208451 | 79.984 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.466 | 237 | 1597193 | 88.626 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.719 | 196 | 1541092 | 81.106 | ng | | 100 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.795 | 196 | 1713807 | 80.887 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.137 | 154 | 5350939 | 77.807 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.178 | 162 | 4259277 | 78.776 | ng | 100 |
| 48) 2-Nitroaniline | 13.372 | 65 | 1240952 | 82.186 | ng | 99 |
| 49) Acenaphthylene | 14.031 | 152 | 6984601 | 78.077 | ng | 99 |
| 50) Dimethylphthalate | 13.772 | 163 | 5358389 | 78.482 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.890 | 165 | 1168229 | 86.521 | ng | 98 |
| 52) Acenaphthene | 14.384 | 154 | 3961645 | 75.720 | ng | 99 |
| 53) 3-Nitroaniline | 14.225 | 138 | 1328194 | 83.269 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.419 | 184 | 762088 | 94.087 | ng | 96 |
| 55) Dibenzofuran | 14.725 | 168 | 6063394 | 74.160 | ng | 99 |
| 56) 4-Nitrophenol | 14.542 | 139 | 1160755 | 80.163 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.684 | 165 | 1681172 | 82.824 | ng | 99 |
| 58) Fluorene | 15.389 | 166 | 4642250 | 71.825 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.960 | 232 | 1442428 | 80.377 | ng | 99 |
| 60) Diethylphthalate | 15.172 | 149 | 5369309 | 77.587 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.389 | 204 | 2373384 | 73.978 | ng | 97 |
| 62) 4-Nitroaniline | 15.413 | 138 | 1312938 | 78.639 | ng | 99 |
| 63) Azobenzene | 15.689 | 77 | 4543203 | 78.140 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.466 | 198 | 1027969 | 89.911 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.613 | 169 | 4431692 | 78.838 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 1665615 | 82.958 | ng | 99 |
| 68) Hexachlorobenzene | 16.419 | 284 | 1914891 | 82.547 | ng | 97 |
| 69) Atrazine | 16.589 | 200 | 1724863 | 81.486 | ng | 99 |
| 70) Pentachlorophenol | 16.772 | 266 | 1361754 | 83.671 | ng | 100 |
| 71) Phenanthrene | 17.166 | 178 | 7901401 | 76.873 | ng | 99 |
| 72) Anthracene | 17.266 | 178 | 8010628 | 76.308 | ng | 98 |
| 73) Carbazole | 17.542 | 167 | 7481751 | 75.335 | ng | 98 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 9375432 | 79.539 | ng | 99 |
| 75) Fluoranthene | 19.260 | 202 | 9351568 | 74.439 | ng | 99 |
| 77) Benzidine | 19.466 | 184 | 3802265 | 65.974 | ng | 99 |
| 78) Pyrene | 19.636 | 202 | 9565086 | 78.406 | ng | 98 |
| 80) Butylbenzylphthalate | 20.607 | 149 | 4393302 | 80.859 | ng | 99 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 9949146 | 77.479 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.483 | 252 | 3556791 | 76.221 | ng | 99 |
| 83) Chrysene | 21.630 | 228 | 9412347 | 77.856 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.519 | 149 | 6825162 | 83.686 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.807 | 149 | 11864727 | 82.666 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.712 | 276 | 13504257m | 81.129 | ng | |
| 88) Benzo(b)fluoranthene | 23.871 | 252 | 10544016 | 77.620 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.942 | 252 | 10628665 | 78.288 | ng | 100 |
| 90) Benzo(a)pyrene | 24.765 | 252 | 10207772 | 79.216 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.801 | 278 | 11012037 | 80.721 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.906 | 276 | 11030115 | 81.458 | ng | 99 |

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

ICAL Form

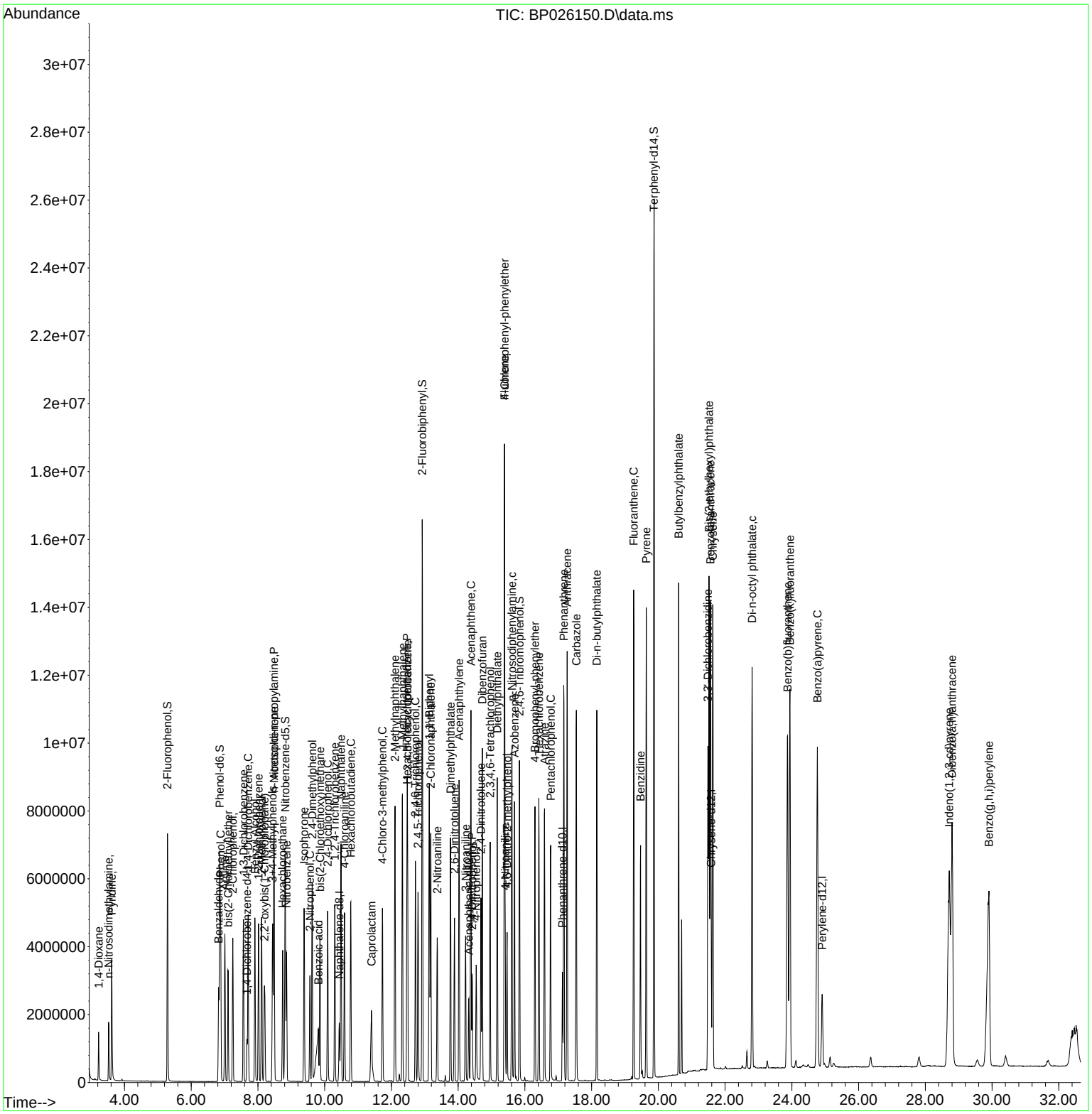
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

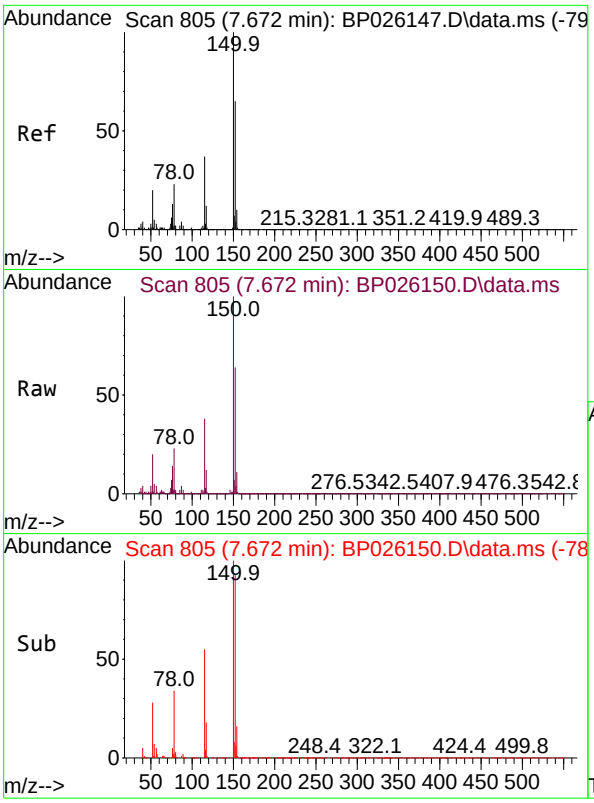
Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

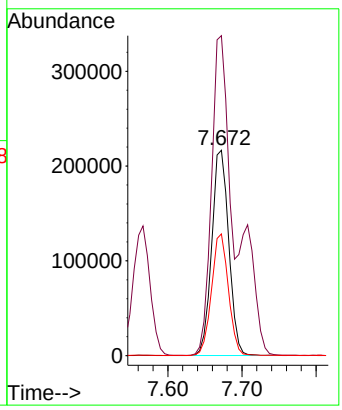





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:152 Resp: 34575

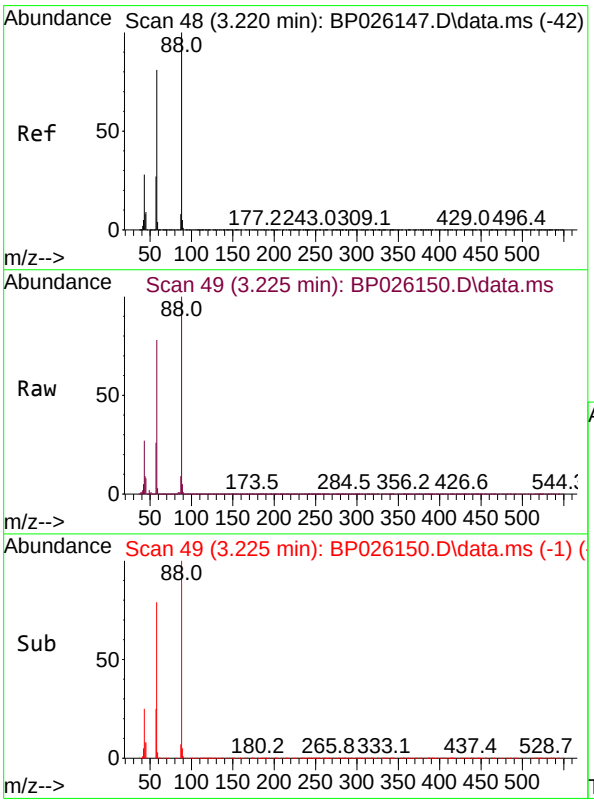
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.8 | 123.0 | 184.6 |
| 115 | 59.3 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

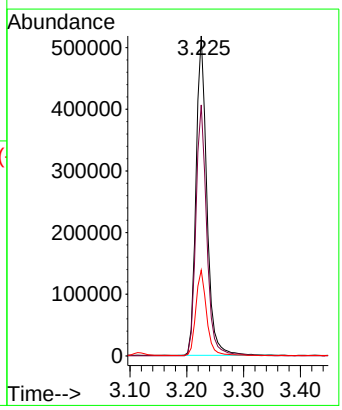
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

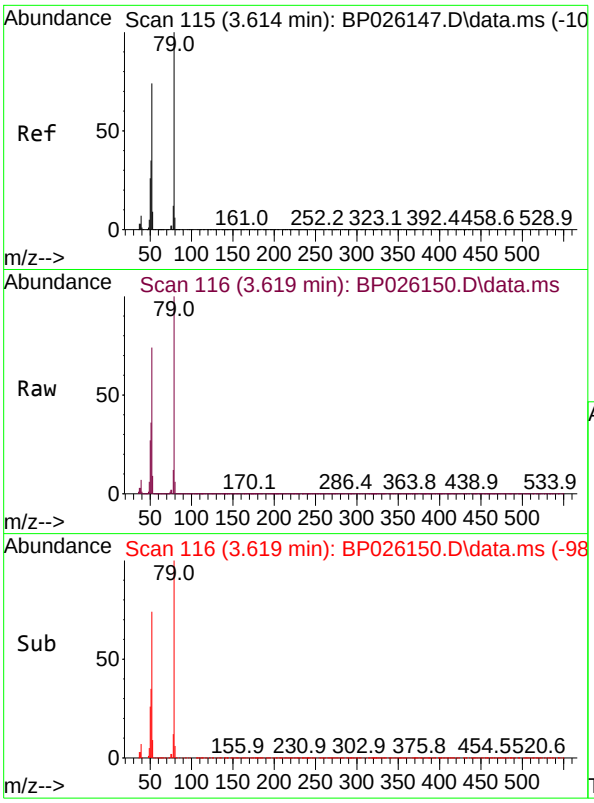



#2
1,4-Dioxane
Concen: 77.877 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 88 Resp: 682656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.9 | 64.2 | 96.4 |
| 43 | 26.6 | 21.5 | 32.3 |

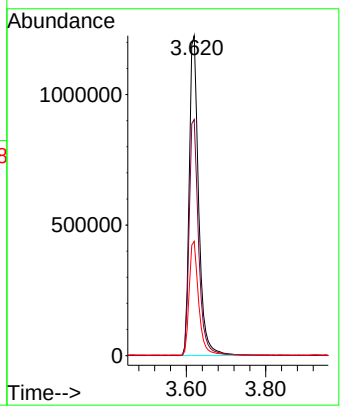





#3
Pyridine
Concen: 79.785 ng
RT: 3.619 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 79 Resp: 201616

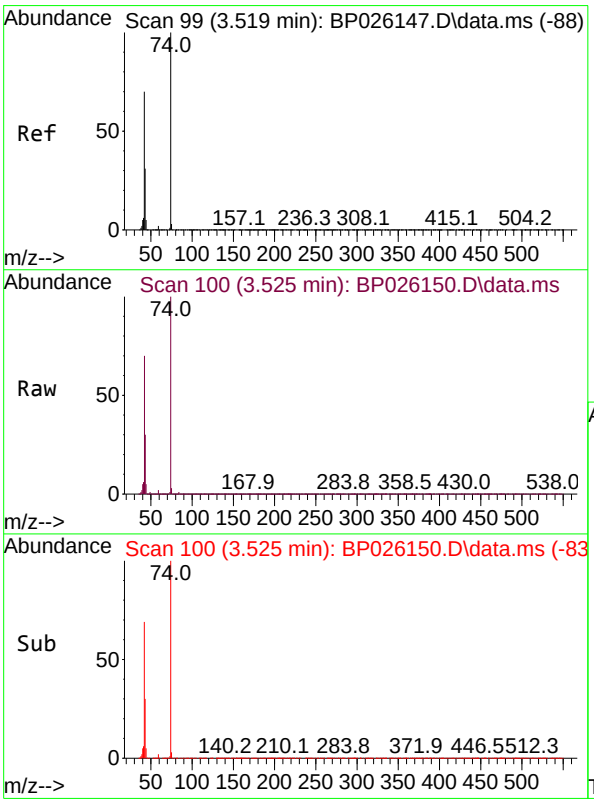
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 73.8 | 60.2 | 90.2 |
| 51 | 35.7 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

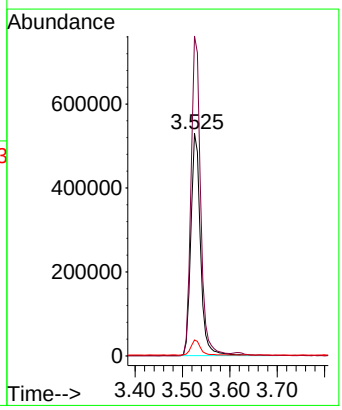
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

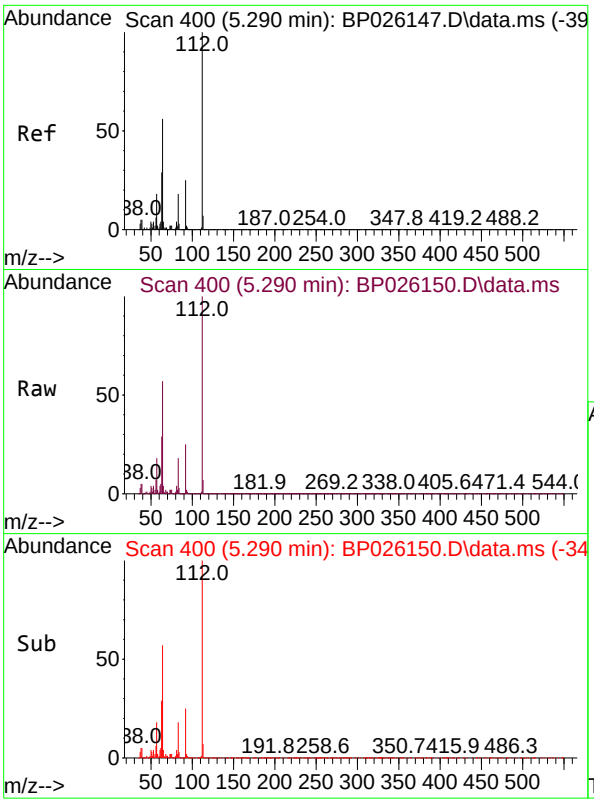



#4
n-Nitrosodimethylamine
Concen: 79.241 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 42 Resp: 746299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.8 | 118.1 | 177.1 |
| 44 | 7.1 | 6.2 | 9.4 |

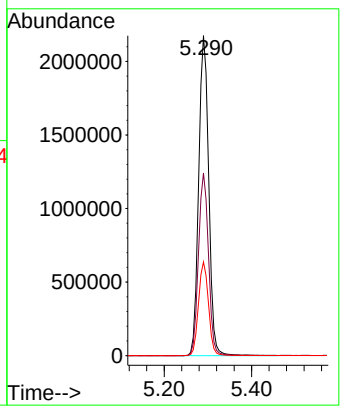





#5
2-Fluorophenol
Concen: 159.776 ng
RT: 5.290 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:112 Resp: 344271

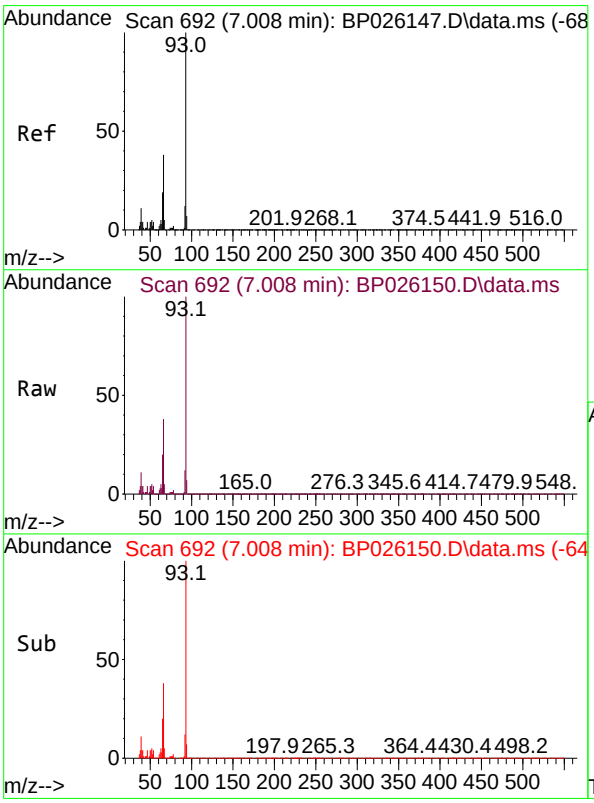
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.1 | 45.8 | 68.6 |
| 63 | 29.3 | 23.5 | 35.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

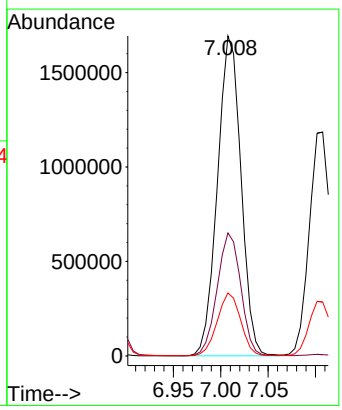
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

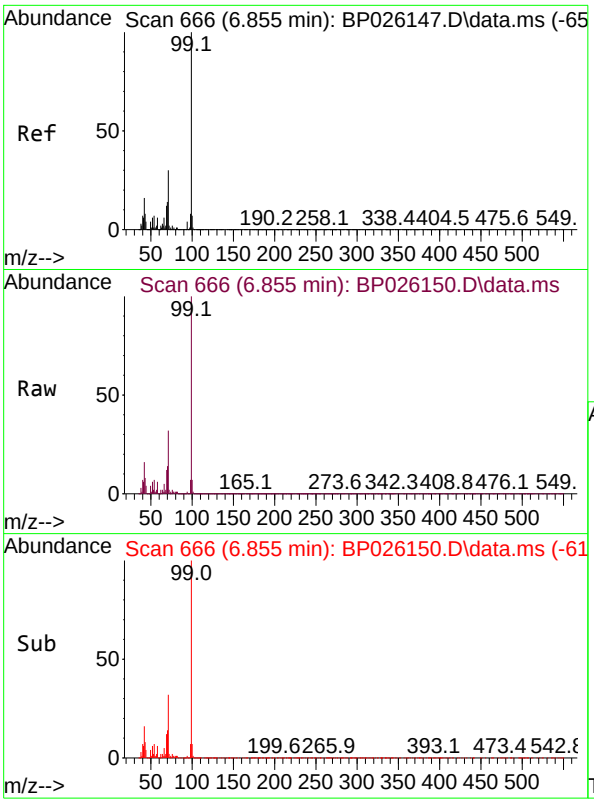



#6
Aniline
Concen: 80.951 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 2927759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.4 | 31.7 | 47.5 |
| 65 | 19.7 | 15.8 | 23.6 |

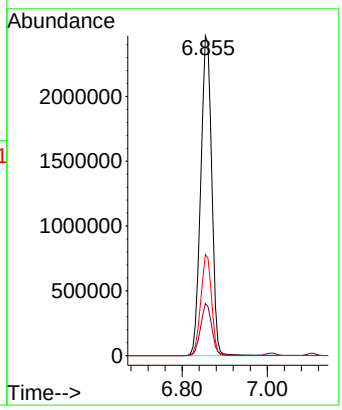





#7
Phenol-d6
Concen: 160.812 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 99 Resp: 441513

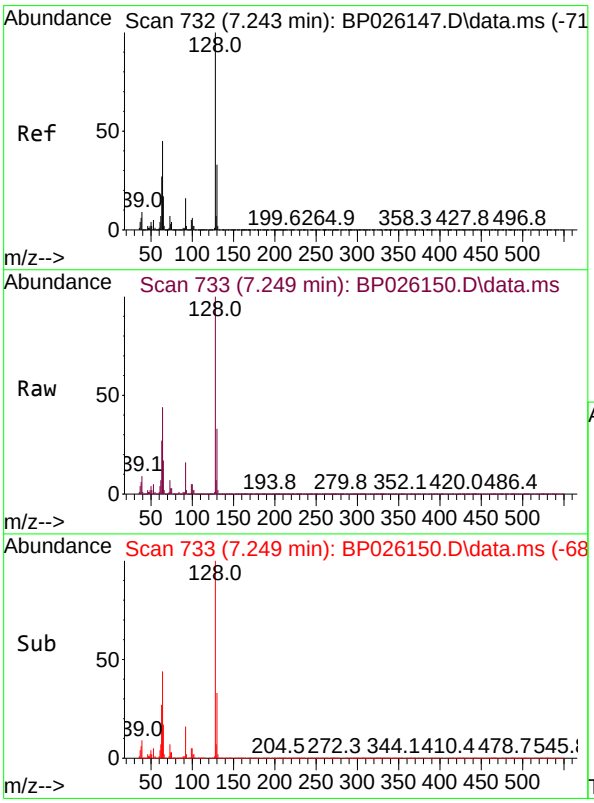
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.3 | 12.9 | 19.3 |
| 71 | 31.6 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

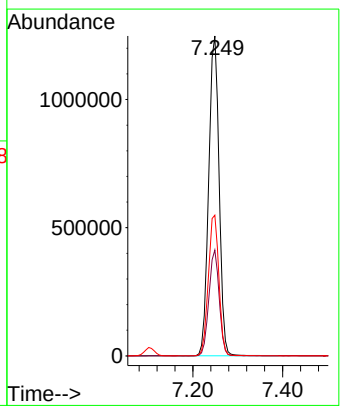
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

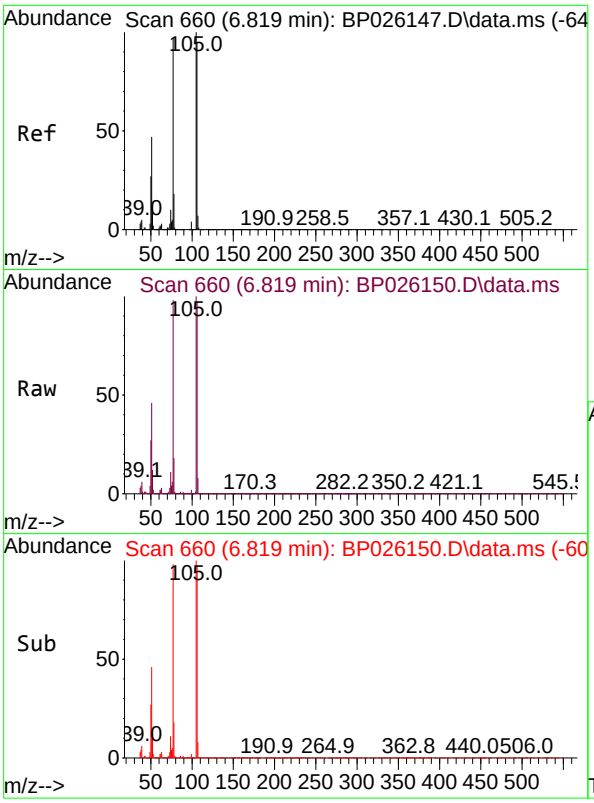



#8
2-Chlorophenol
Concen: 81.986 ng
RT: 7.249 min Scan# 733
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:128 Resp: 2009119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.1 | 12.4 | 52.4 |
| 64 | 44.0 | 23.9 | 63.9 |

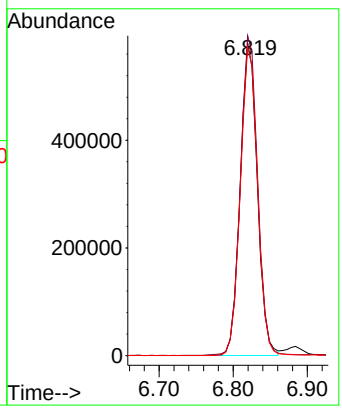





#9
Benzaldehyde
Concen: 78.716 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 93073

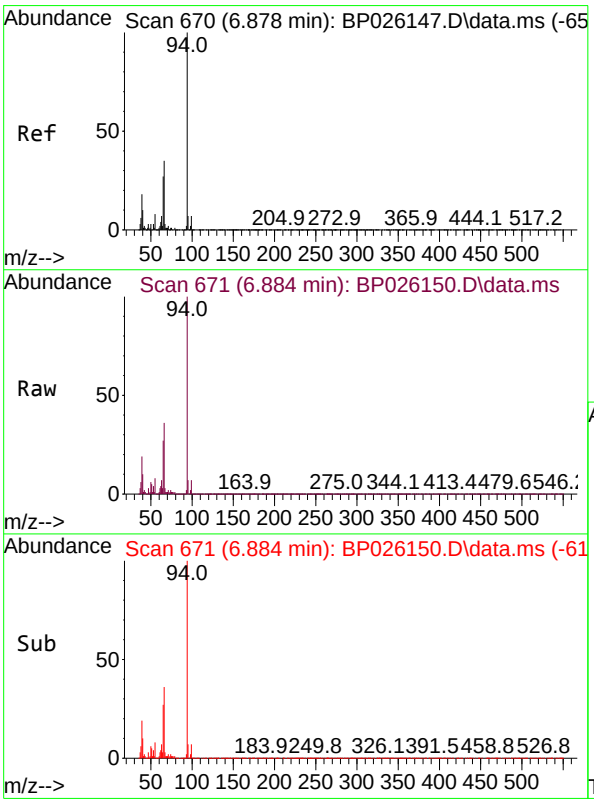
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.4 | 82.9 | 122.9 |
| 106 | 98.9 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

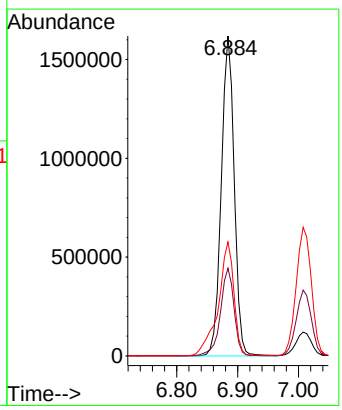
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

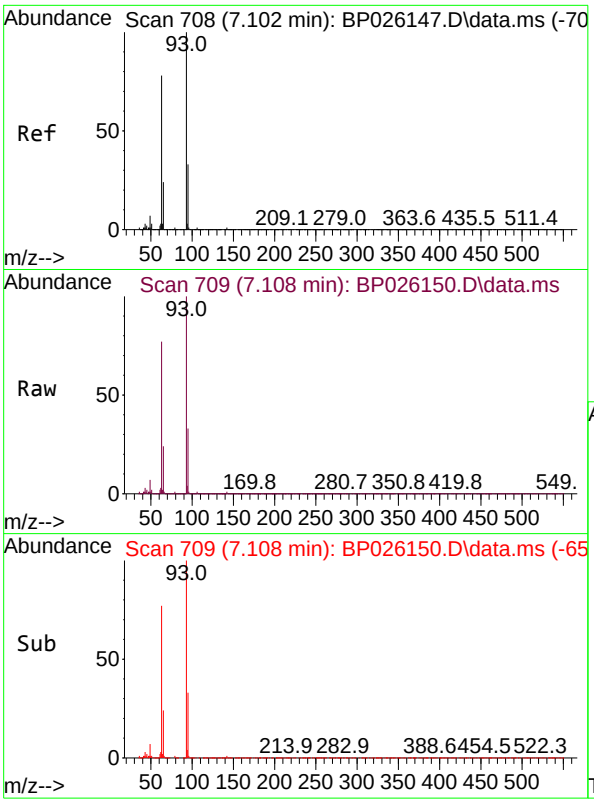



#10
Phenol
Concen: 80.950 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 94 Resp: 2391614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.4 | 7.0 | 47.0 |
| 66 | 35.6 | 14.5 | 54.5 |

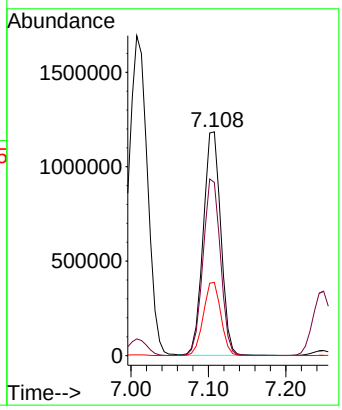





#11
bis(2-Chloroethyl)ether
Concen: 81.013 ng
RT: 7.108 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 186763

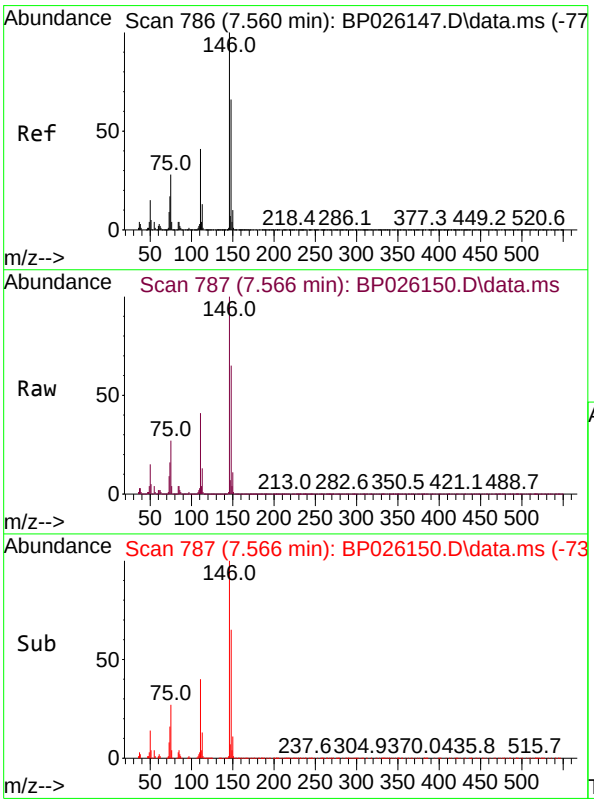
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.4 | 58.8 | 98.8 |
| 95 | 32.7 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

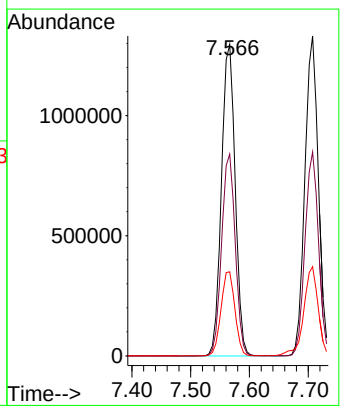
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

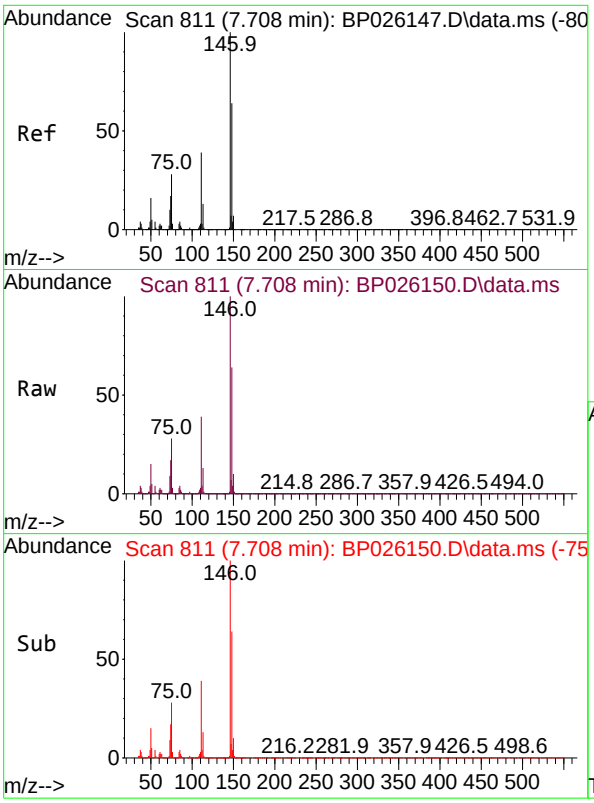



#12
1,3-Dichlorobenzene
Concen: 79.578 ng
RT: 7.566 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:146 Resp: 2099884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.8 | 77.8 |
| 75 | 27.0 | 22.2 | 33.2 |






#13
1,4-Dichlorobenzene
Concen: 79.609 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

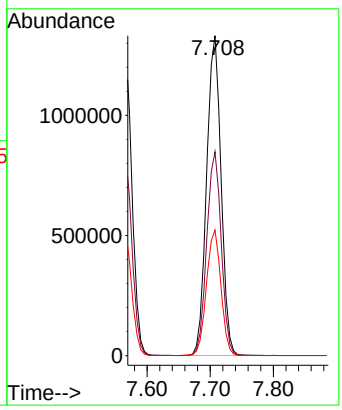
Tgt Ion:146 Resp: 211555

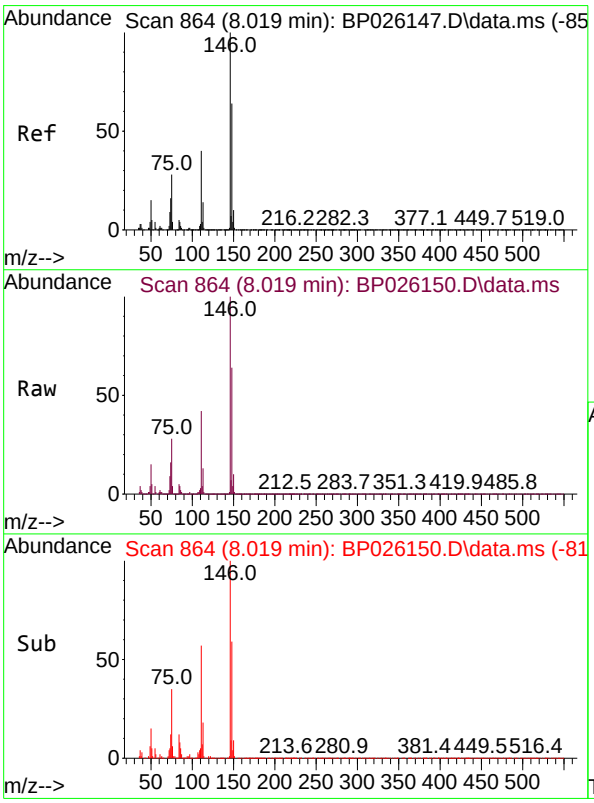
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.4 | 77.2 |
| 111 | 39.2 | 31.7 | 47.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

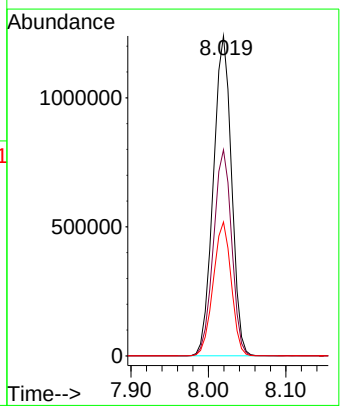


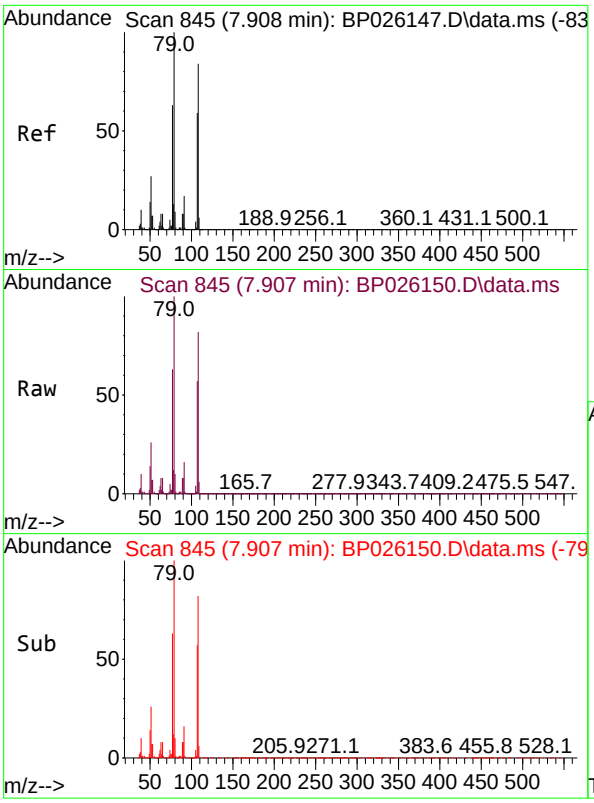




#14
1,2-Dichlorobenzene
Concen: 79.210 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:146 Resp: 2024908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.0 | 76.6 |
| 111 | 41.8 | 33.0 | 49.4 |

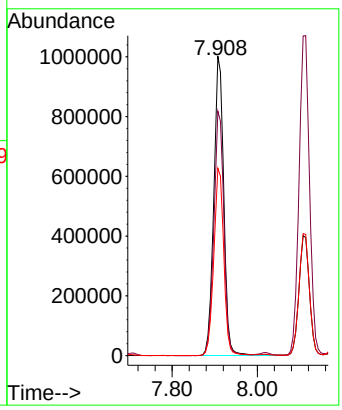





#15
Benzyl Alcohol
Concen: 80.734 ng
RT: 7.907 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 79 Resp: 162186

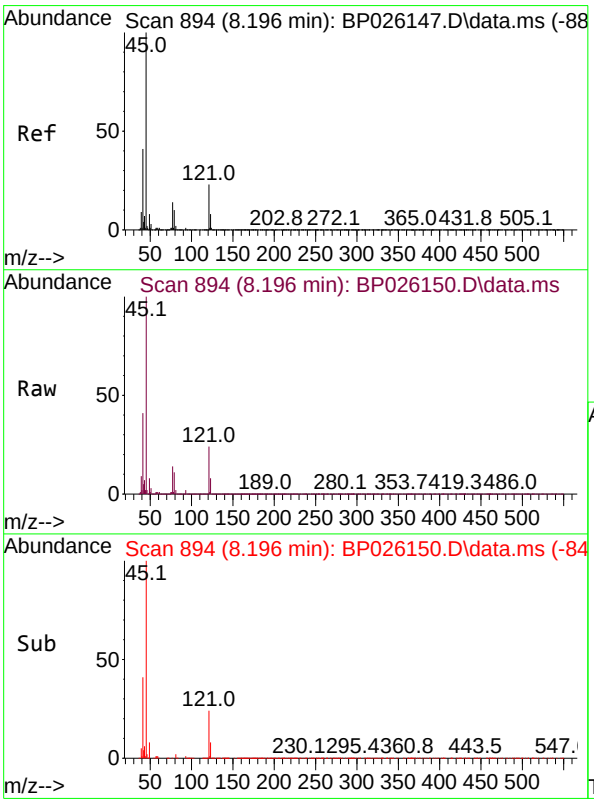
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 81.6 | 66.2 | 99.4 |
| 77 | 62.5 | 50.0 | 75.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

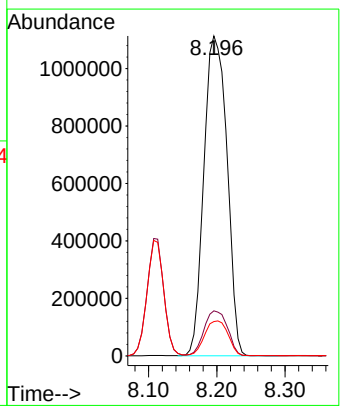
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

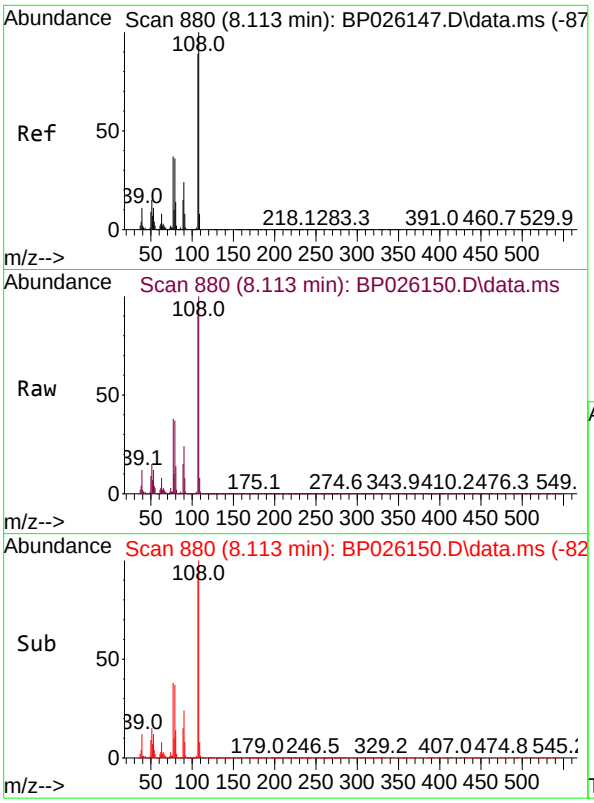



#16
2,2'-oxybis(1-Chloropropane)
Concen: 80.284 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 45 Resp: 2616851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.1 | 0.0 | 33.9 |
| 79 | 10.7 | 0.0 | 30.4 |

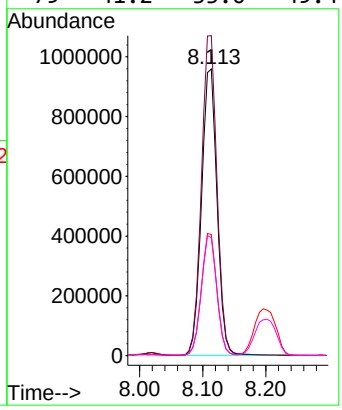





#17
2-Methylphenol
Concen: 81.249 ng
RT: 8.113 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 163486

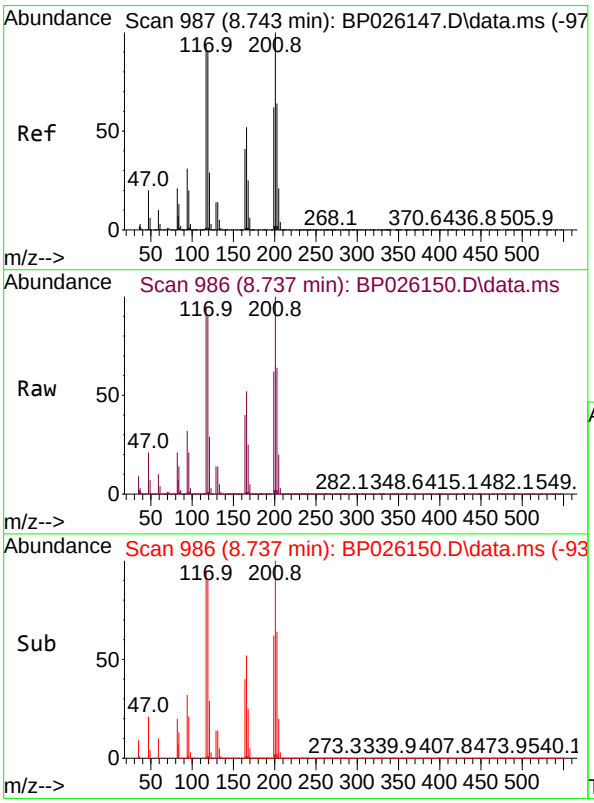
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.7 | 89.7 | 134.5 |
| 77 | 42.3 | 33.9 | 50.9 |
| 79 | 41.2 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

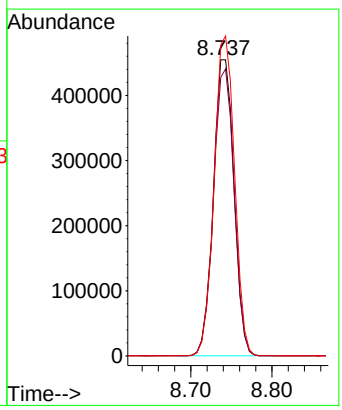
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

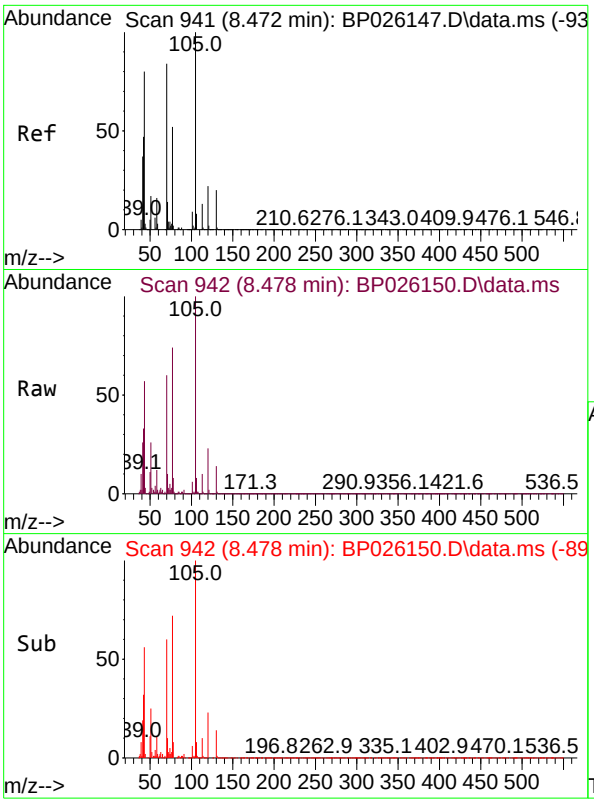



#18
Hexachloroethane
Concen: 82.952 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:117 Resp: 803419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.0 | 78.7 | 118.1 |
| 201 | 105.0 | 85.1 | 127.7 |

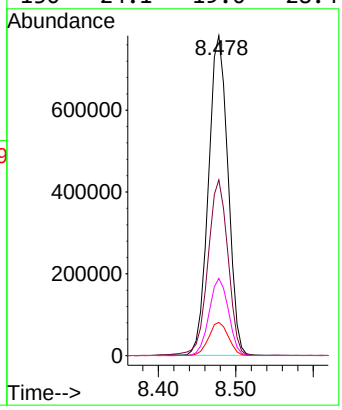





#19
n-Nitroso-di-n-propylamine
Concen: 79.788 ng
RT: 8.478 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 70 Resp: 136416

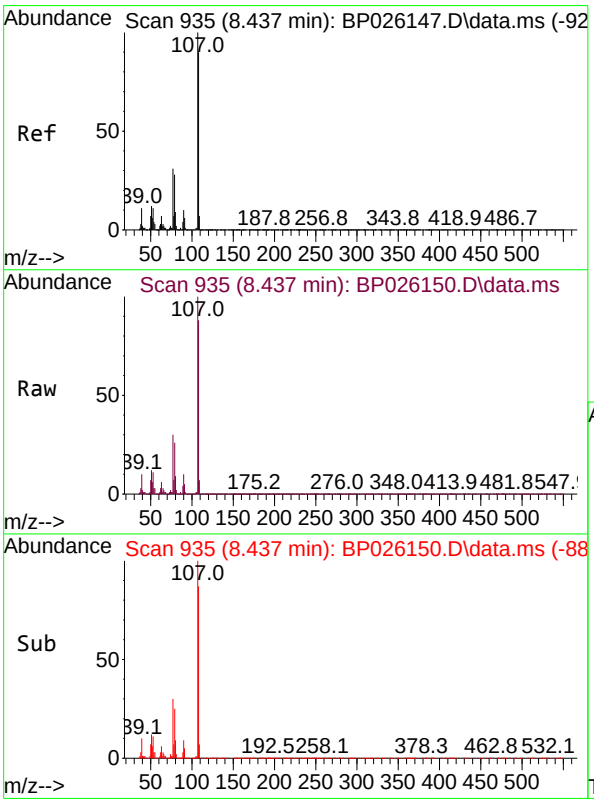
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.9 | 44.1 | 66.1 |
| 101 | 10.4 | 8.2 | 12.4 |
| 130 | 24.1 | 19.0 | 28.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

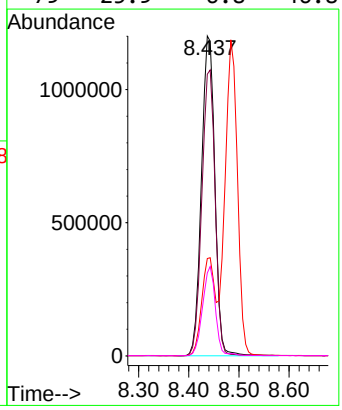
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

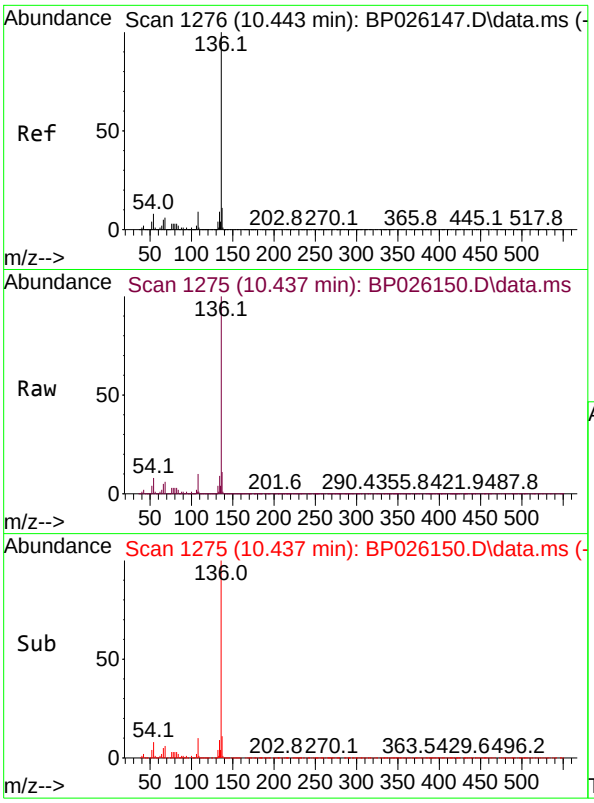



#20
3+4-Methylphenols
Concen: 79.724 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 2230760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.0 | 68.9 | 108.9 |
| 77 | 30.4 | 10.4 | 50.4 |
| 79 | 25.9 | 6.8 | 46.8 |

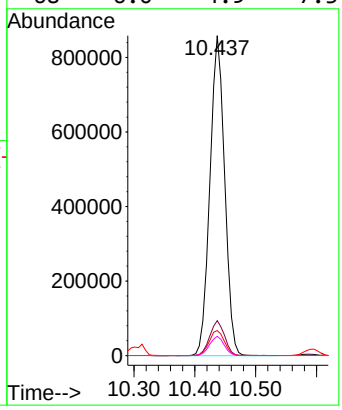





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:136 Resp: 144366

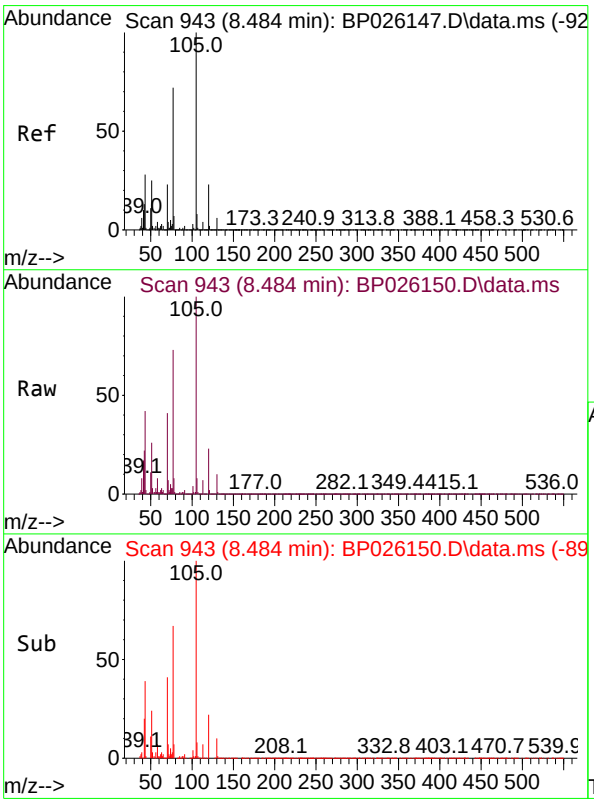
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 7.8 | 6.4 | 9.6 |
| 68 | 6.0 | 4.9 | 7.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

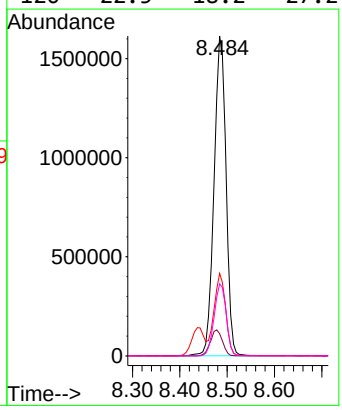
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

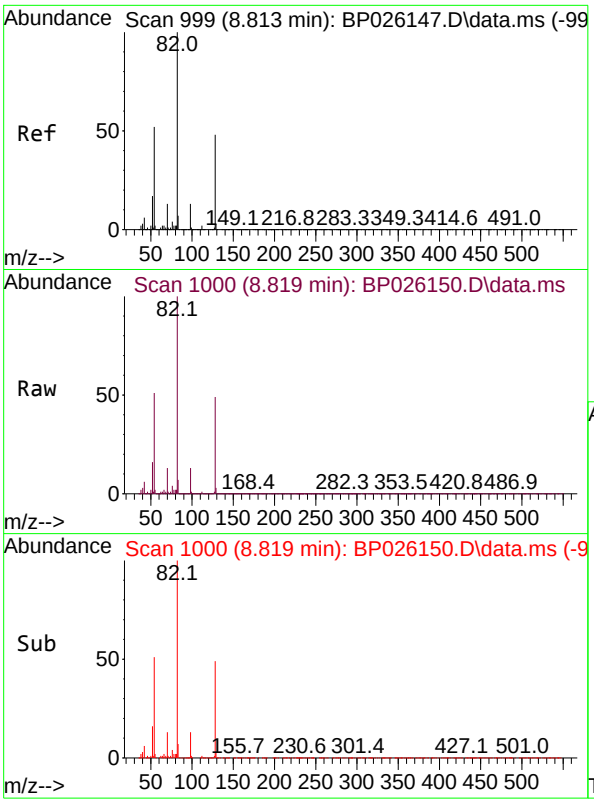



#22
Acetophenone
Concen: 77.453 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:105 Resp: 2844696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.0 | 3.0 | 4.4# |
| 51 | 25.8 | 20.5 | 30.7 |
| 120 | 22.5 | 18.2 | 27.2 |

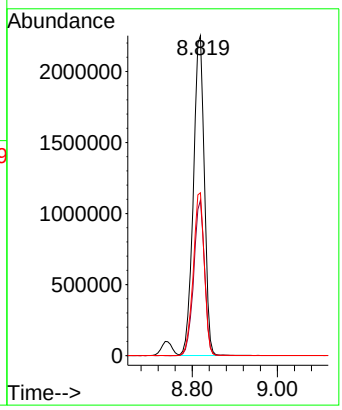





#23
Nitrobenzene-d5
Concen: 158.440 ng
RT: 8.819 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 82 Resp: 403325

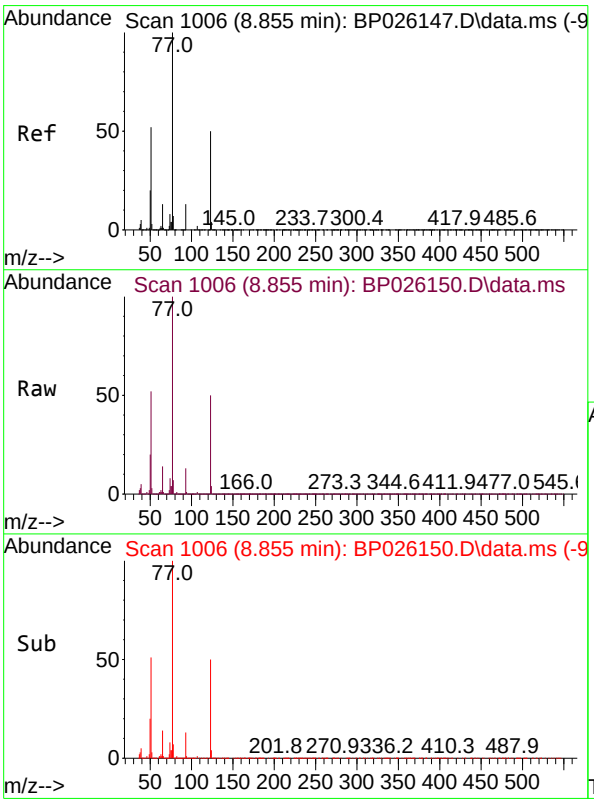
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.5 | 37.4 | 56.0 |
| 54 | 50.9 | 41.6 | 62.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

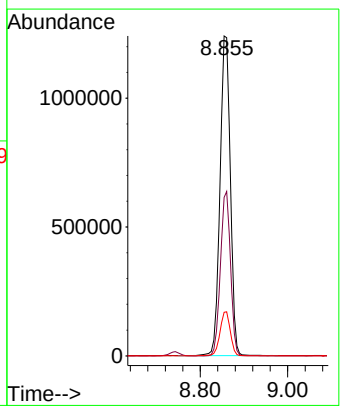
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

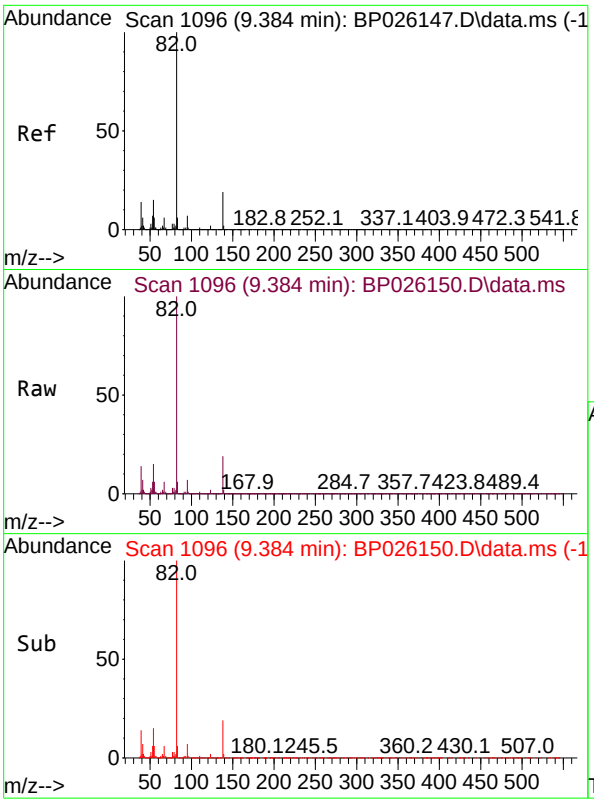



#24
Nitrobenzene
Concen: 79.321 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 2043562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.5 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |

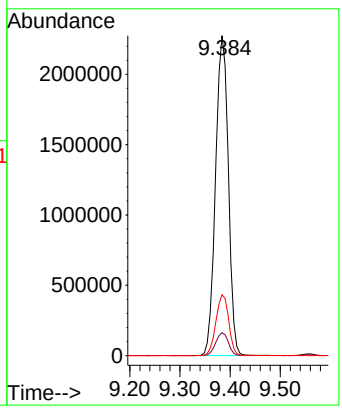





#25
Isophorone
Concen: 79.581 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 82 Resp: 402227

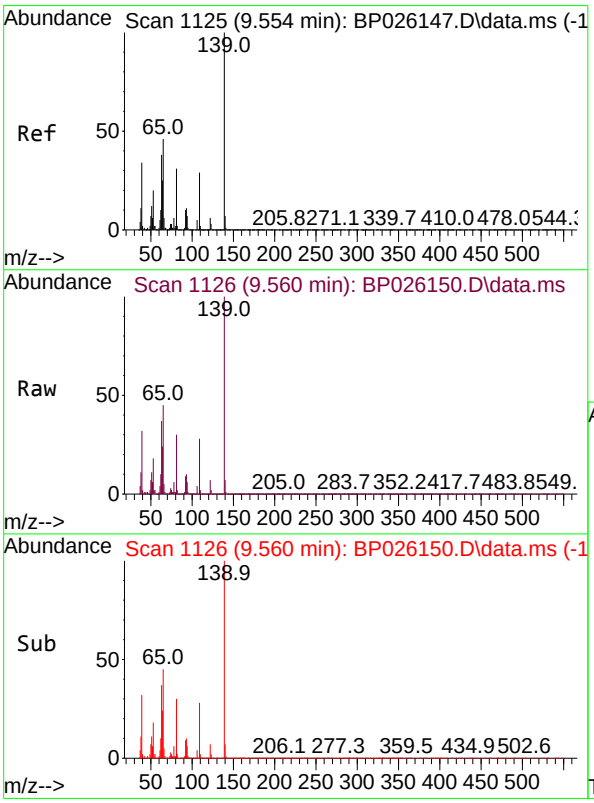
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.4 | 8.0 |
| 138 | 19.0 | 15.4 | 23.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

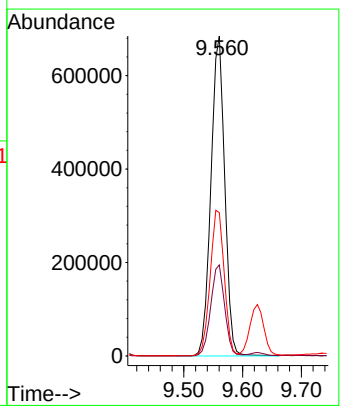
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

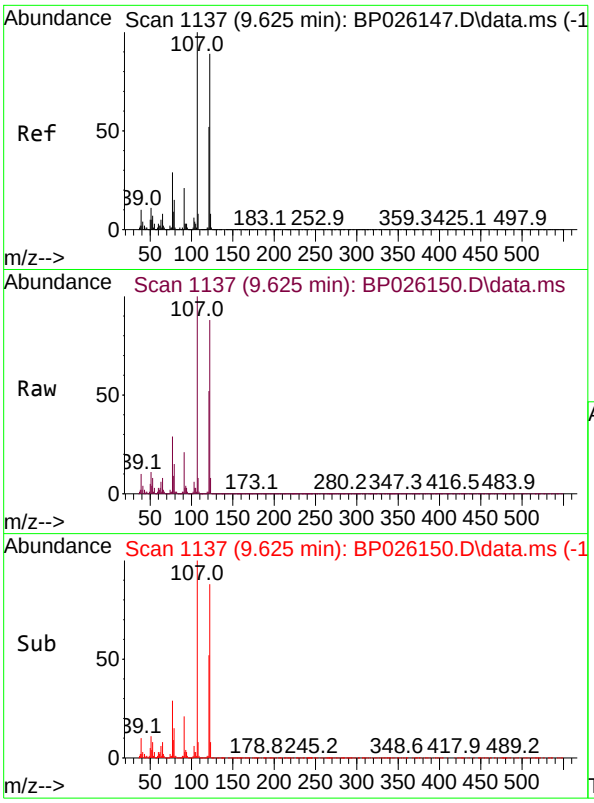



#26
2-Nitrophenol
Concen: 85.938 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:139 Resp: 1116252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.4 | 22.3 | 33.5 |
| 65 | 44.8 | 37.2 | 55.8 |






#27
2,4-Dimethylphenol
Concen: 79.196 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

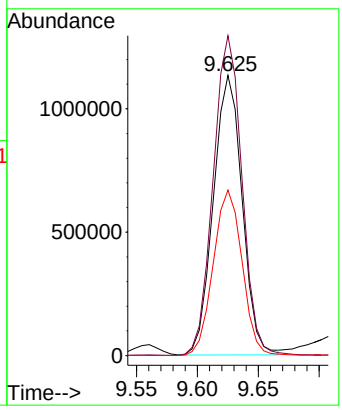
Tgt Ion:122 Resp: 186359

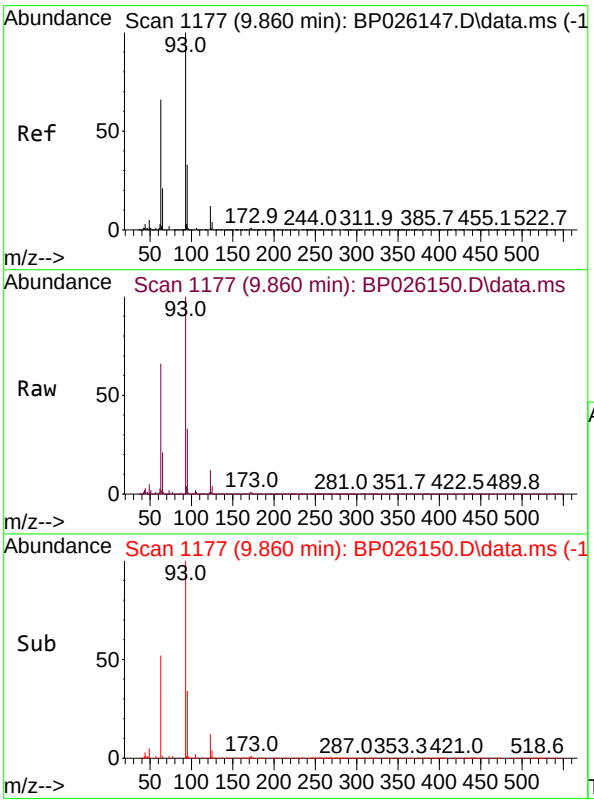
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.2 | 91.0 | 136.6 |
| 121 | 59.1 | 47.0 | 70.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

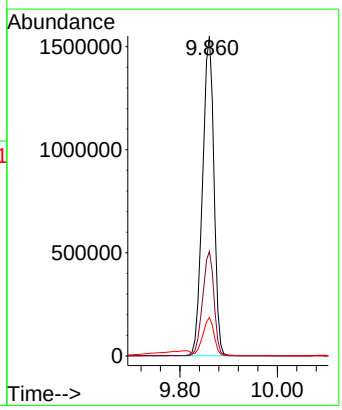


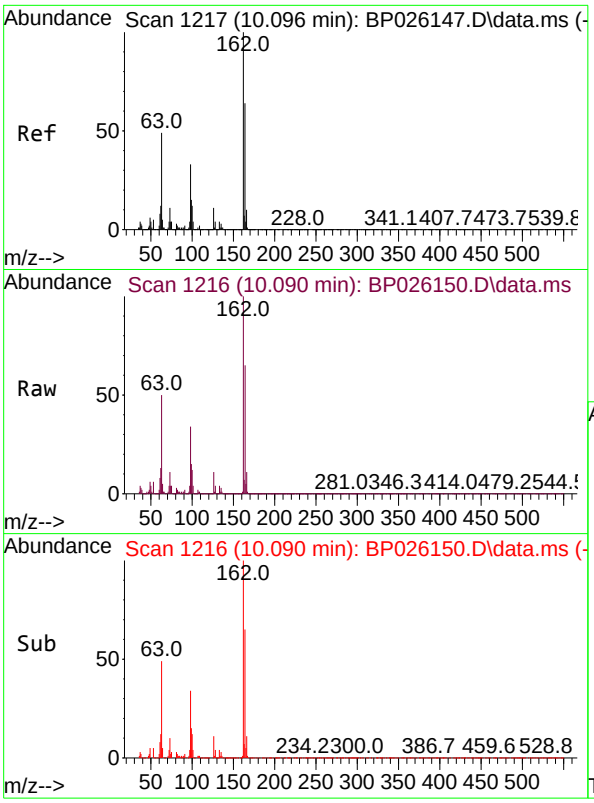




#28
bis(2-Chloroethoxy)methane
Concen: 79.503 ng
RT: 9.860 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 2515997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.4 | 39.6 |
| 123 | 12.0 | 9.4 | 14.0 |






#29
2,4-Dichlorophenol
Concen: 80.853 ng
RT: 10.090 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

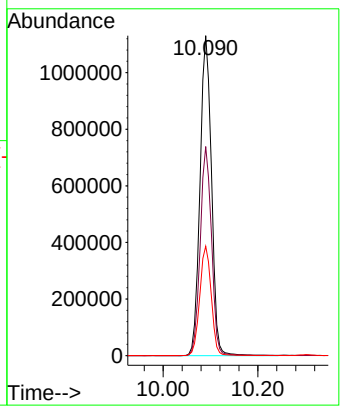
Tgt Ion:162 Resp: 189560

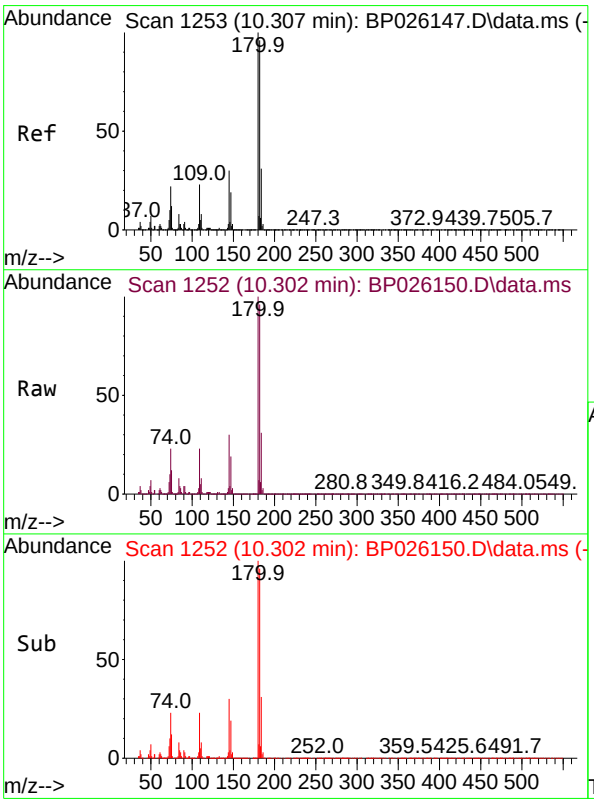
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.3 | 43.8 | 83.8 |
| 98 | 34.2 | 14.1 | 54.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

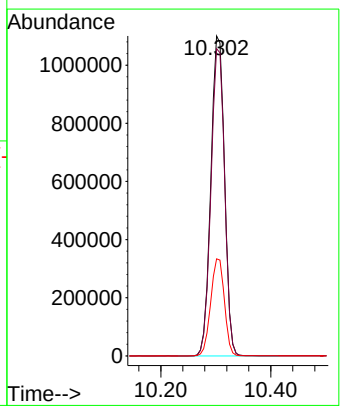


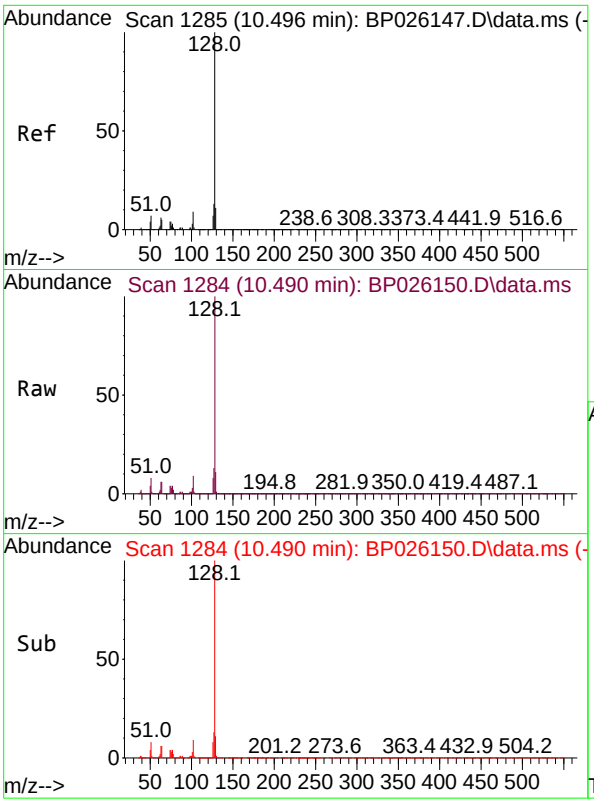




#30
1,2,4-Trichlorobenzene
Concen: 79.315 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:180 Resp: 1895013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 78.1 | 117.1 |
| 145 | 30.3 | 24.2 | 36.4 |

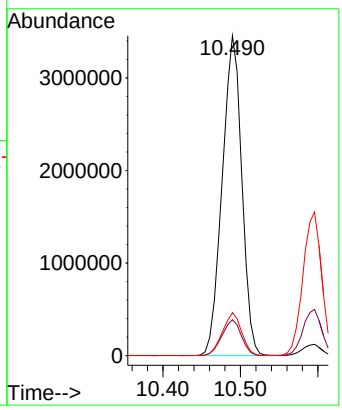





#31
Naphthalene
Concen: 77.497 ng
RT: 10.490 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:128 Resp: 607493

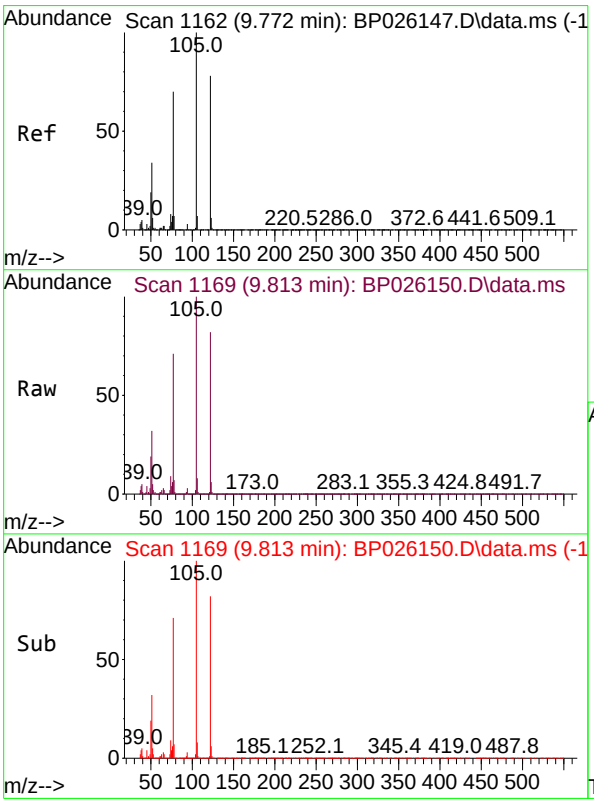
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 9.0 | 13.6 |
| 127 | 13.4 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

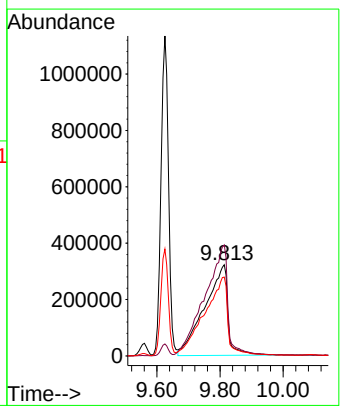
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

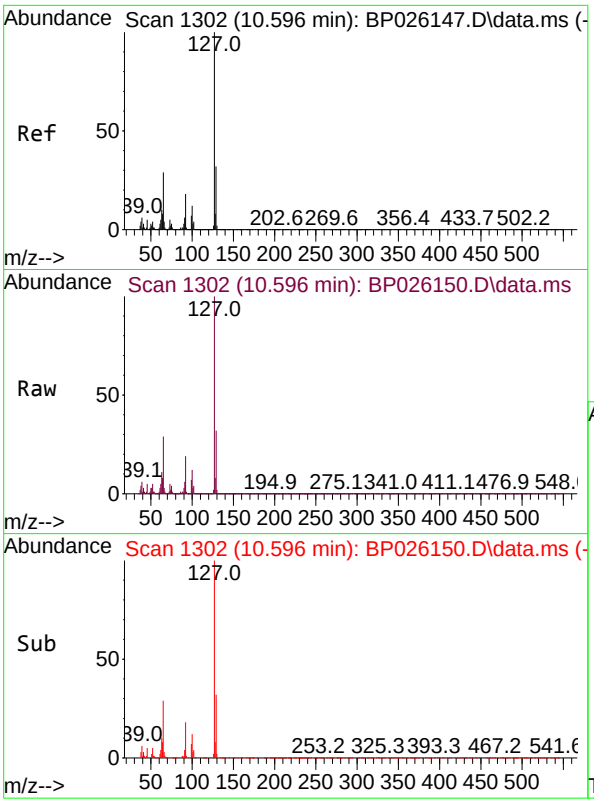



#32
Benzoic acid
Concen: 86.975 ng
RT: 9.813 min Scan# 1169
Delta R.T. 0.047 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:122 Resp: 1646676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.8 | 100.1 | 140.1 |
| 77 | 86.5 | 66.7 | 106.7 |

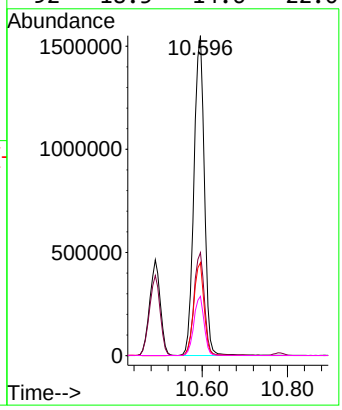





#33
4-Chloroaniline
Concen: 79.361 ng
RT: 10.596 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:127 Resp: 264073

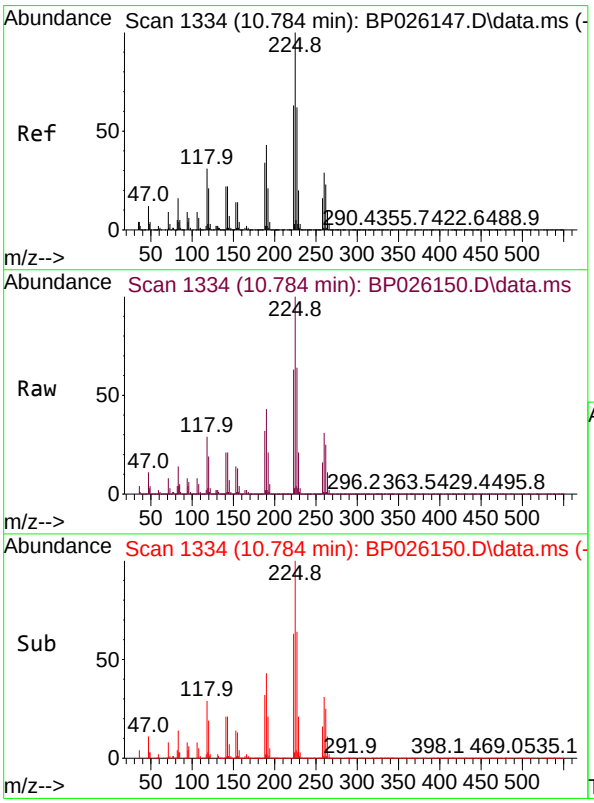
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 25.8 | 38.8 |
| 65 | 29.0 | 22.7 | 34.1 |
| 92 | 18.5 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

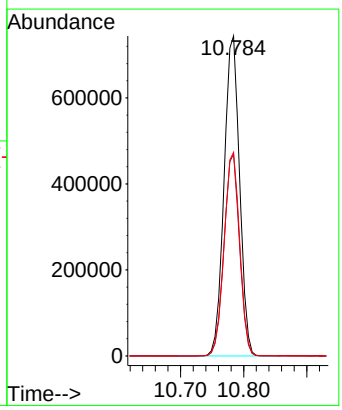
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

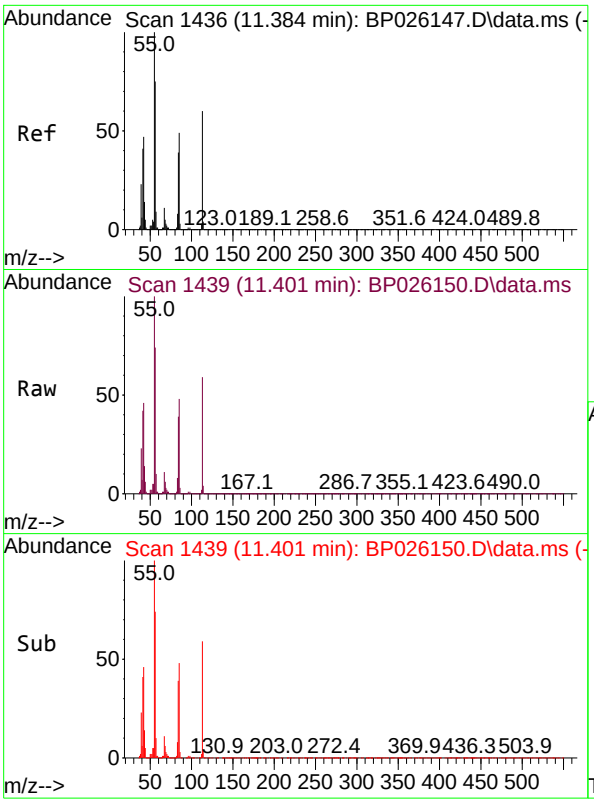



#34
Hexachlorobutadiene
Concen: 81.448 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:225 Resp: 1266129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 49.6 | 74.4 |
| 227 | 63.6 | 51.2 | 76.8 |

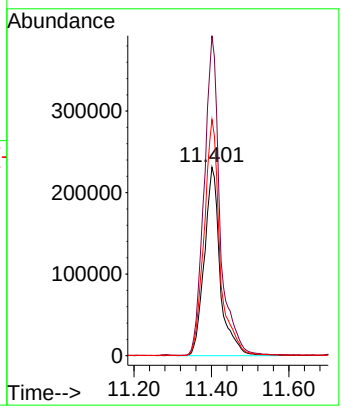





#35
Caprolactam
Concen: 77.424 ng
RT: 11.401 min Scan# 14
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:113 Resp: 65366

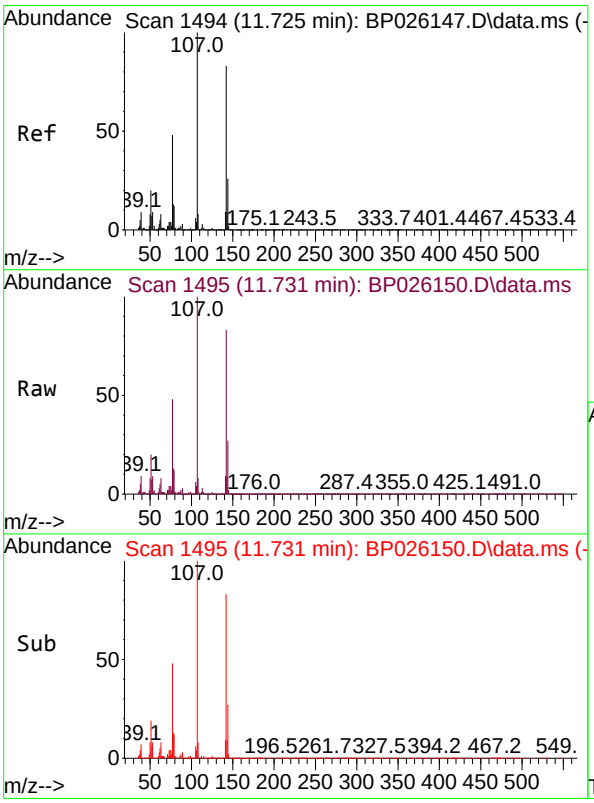
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 169.9 | 153.0 | 193.0 |
| 56 | 125.4 | 106.4 | 146.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

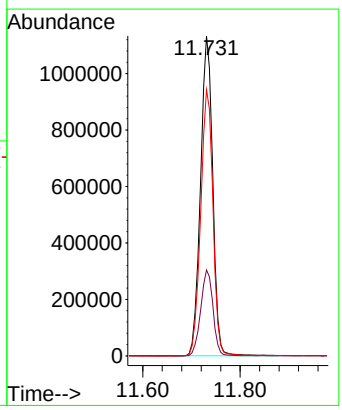
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

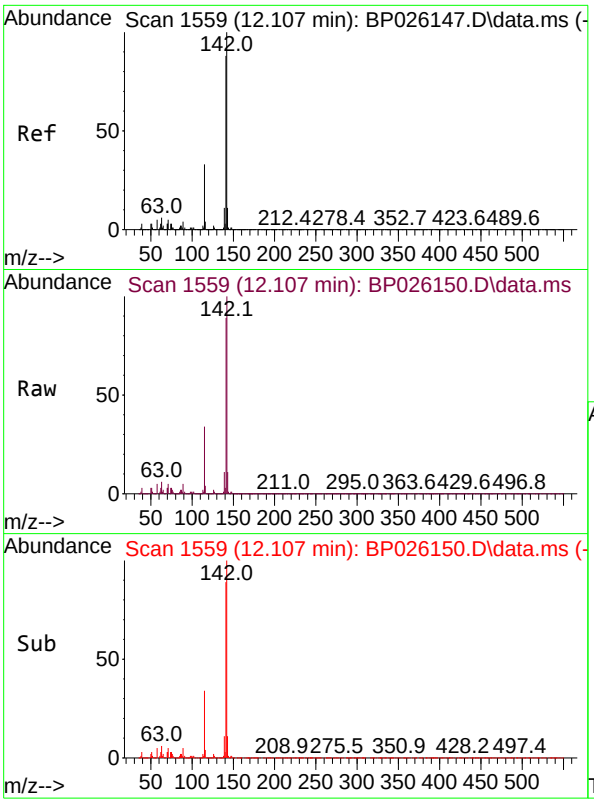



#36
4-Chloro-3-methylphenol
Concen: 79.070 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 1972354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.8 | 21.6 | 32.4 |
| 142 | 83.2 | 65.6 | 98.4 |

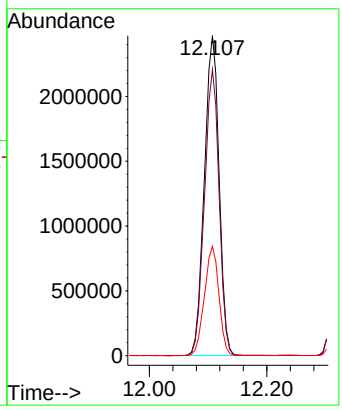





#37
2-Methylnaphthalene
Concen: 77.446 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:142 Resp: 429711

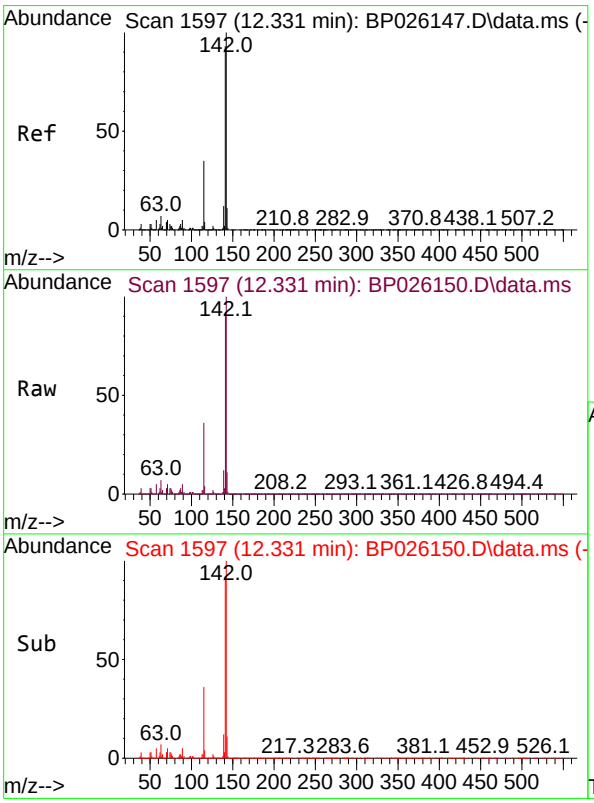
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.4 | 71.0 | 106.6 |
| 115 | 34.1 | 26.6 | 39.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

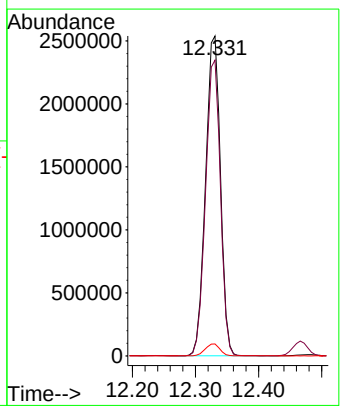
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

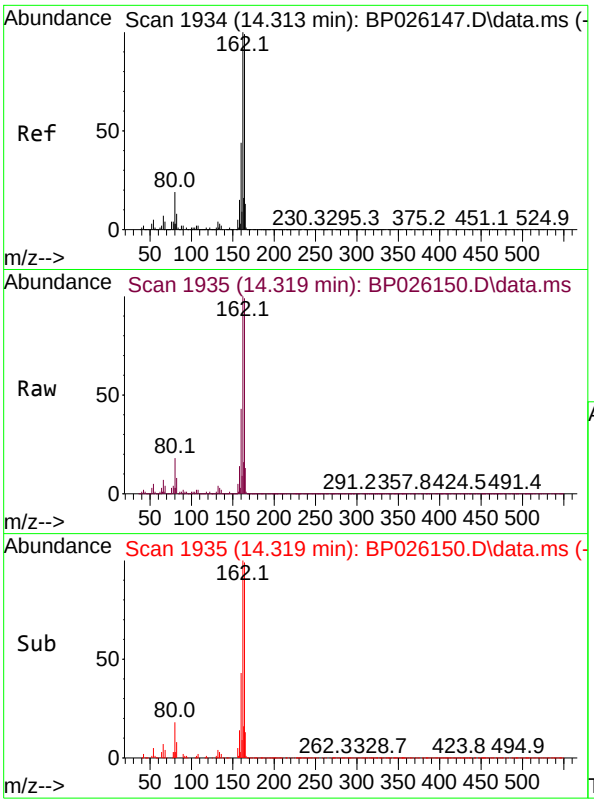



#38
1-Methylnaphthalene
Concen: 76.467 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:142 Resp: 4151377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.4 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |

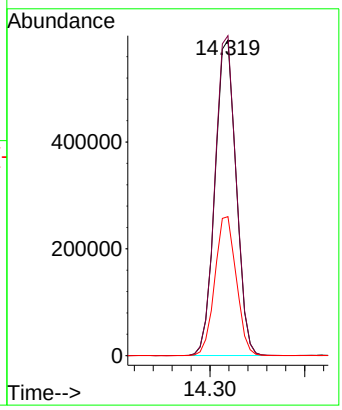





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:164 Resp: 91625

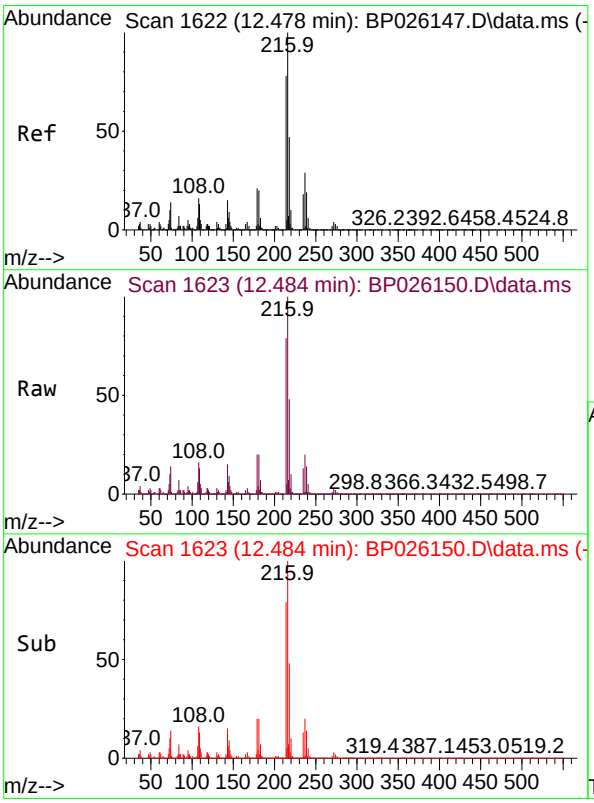
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 80.3 | 120.5 |
| 160 | 44.1 | 35.2 | 52.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

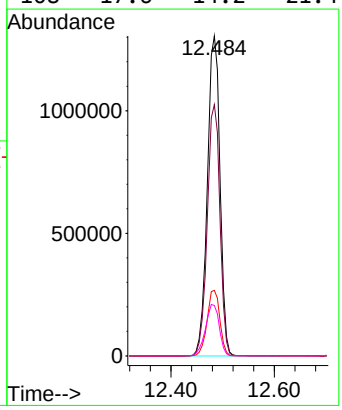
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

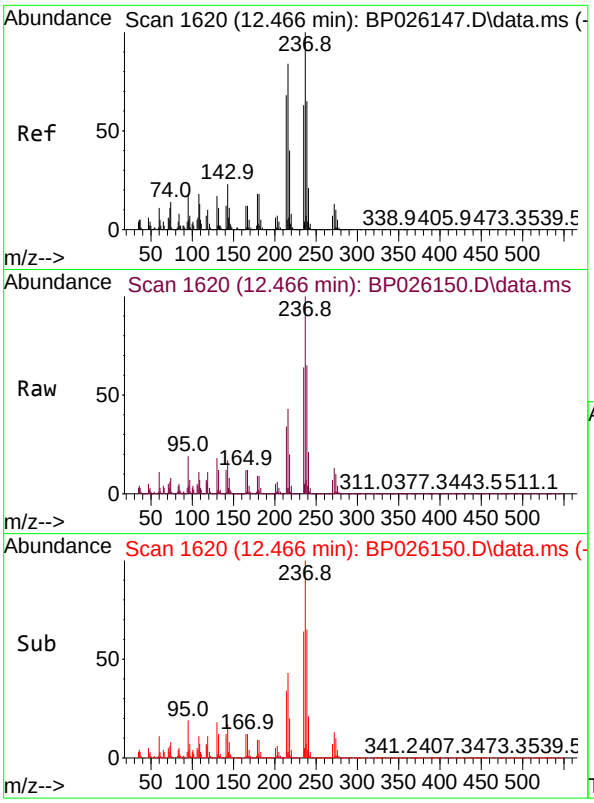



#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.984 ng
RT: 12.484 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:216 Resp: 2208451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 62.6 | 94.0 |
| 179 | 20.7 | 16.6 | 25.0 |
| 108 | 17.6 | 14.2 | 21.4 |

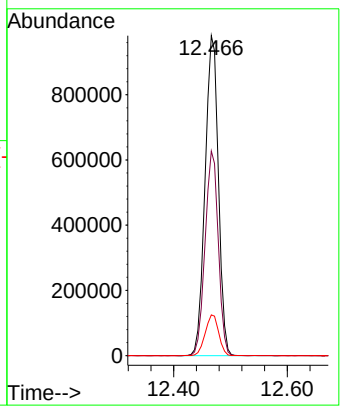





#41
Hexachlorocyclopentadiene
Concen: 88.626 ng
RT: 12.466 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:237 Resp: 159719

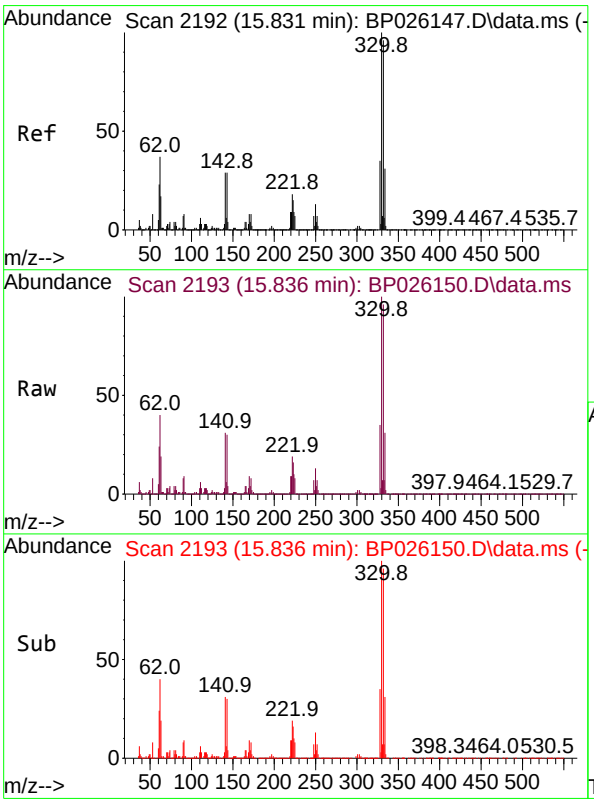
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.9 | 43.3 | 83.3 |
| 272 | 12.7 | 0.0 | 32.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

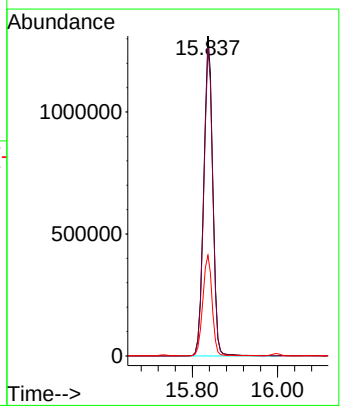
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

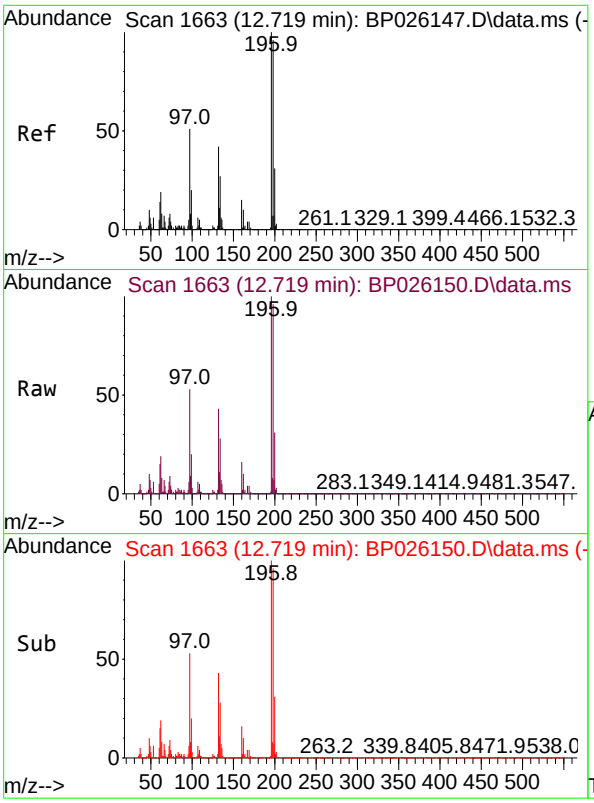



#42
2,4,6-Tribromophenol
Concen: 161.460 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:330 Resp: 1917042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 78.0 | 117.0 |
| 141 | 32.5 | 26.8 | 40.2 |

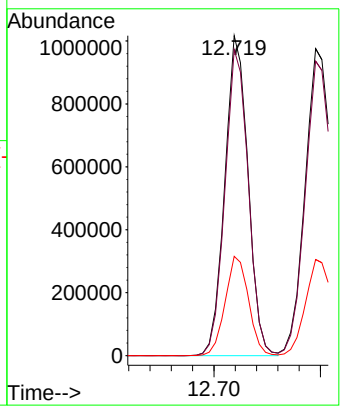





#43
2,4,6-Trichlorophenol
Concen: 81.106 ng
RT: 12.719 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:196 Resp: 154109

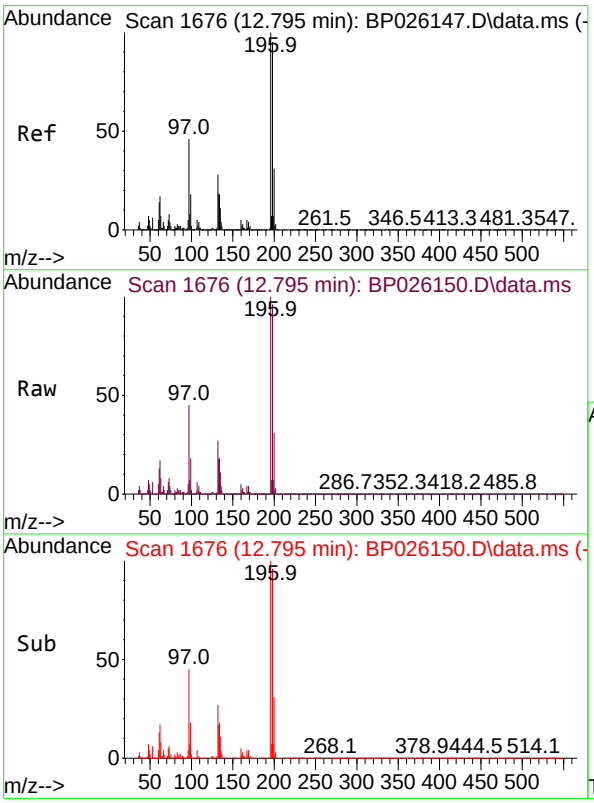
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 76.9 | 115.3 |
| 200 | 31.0 | 24.6 | 37.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

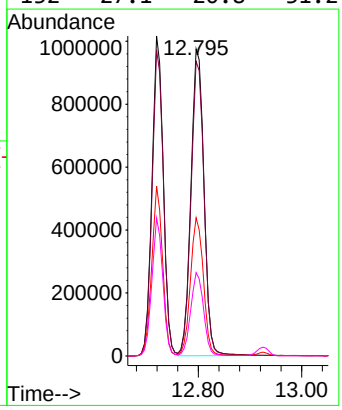
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

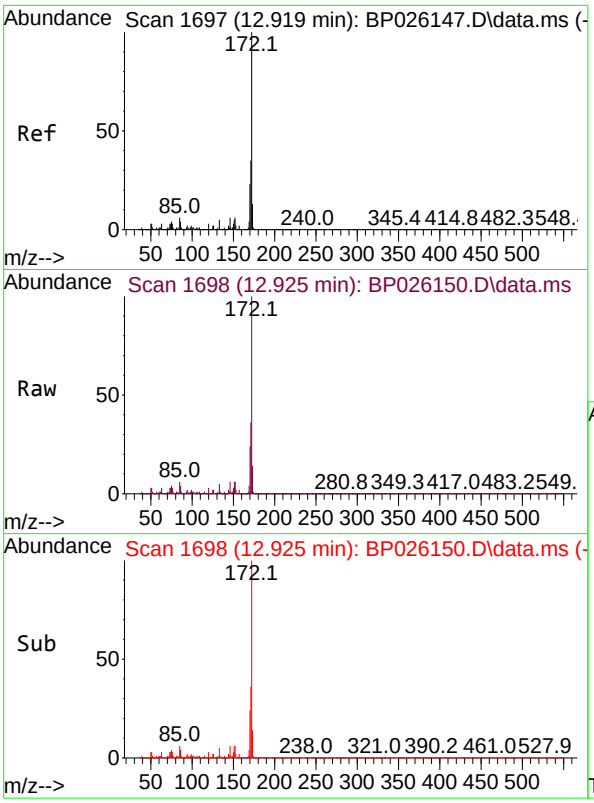



#44
2,4,5-Trichlorophenol
Concen: 80.887 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:196 Resp: 1713807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 76.4 | 114.6 |
| 97 | 45.0 | 35.7 | 53.5 |
| 132 | 27.1 | 20.8 | 31.2 |

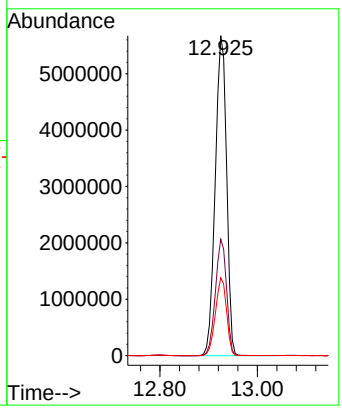





#45
2-Fluorobiphenyl
Concen: 145.791 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:172 Resp: 915626

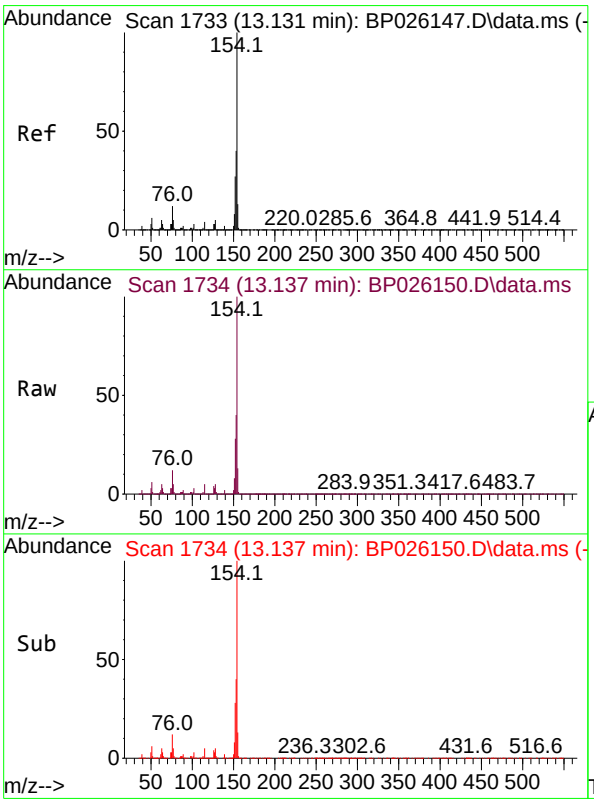
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 28.2 | 42.4 |
| 170 | 24.3 | 18.7 | 28.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

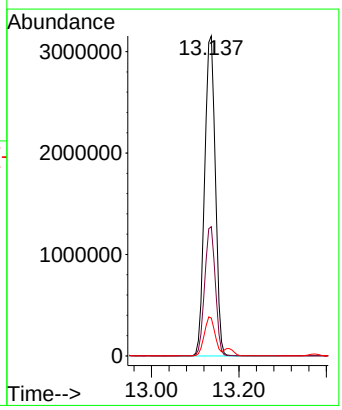
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

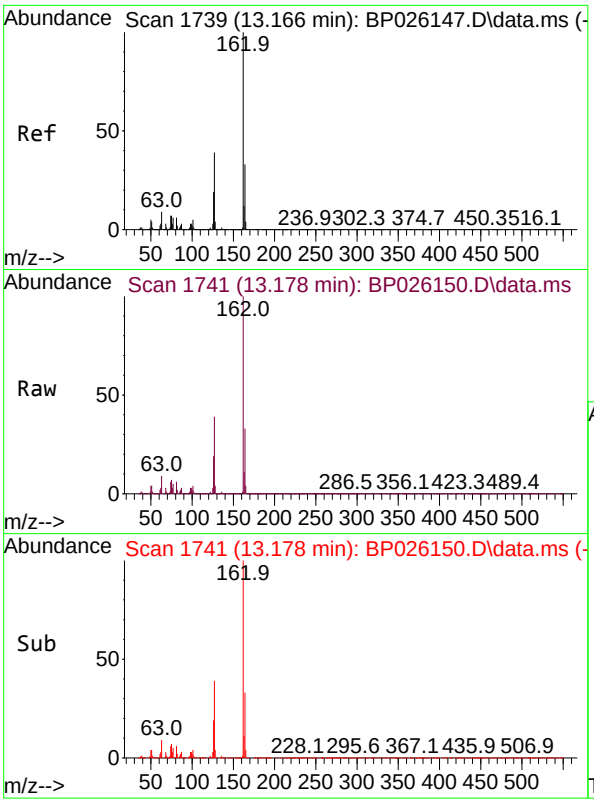



#46
1,1'-Biphenyl
Concen: 77.807 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:154 Resp: 5350939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.3 | 60.3 |
| 76 | 11.8 | 0.0 | 32.3 |

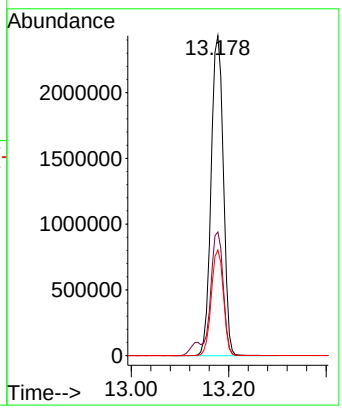





#47
2-Chloronaphthalene
Concen: 78.776 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:162 Resp: 425927

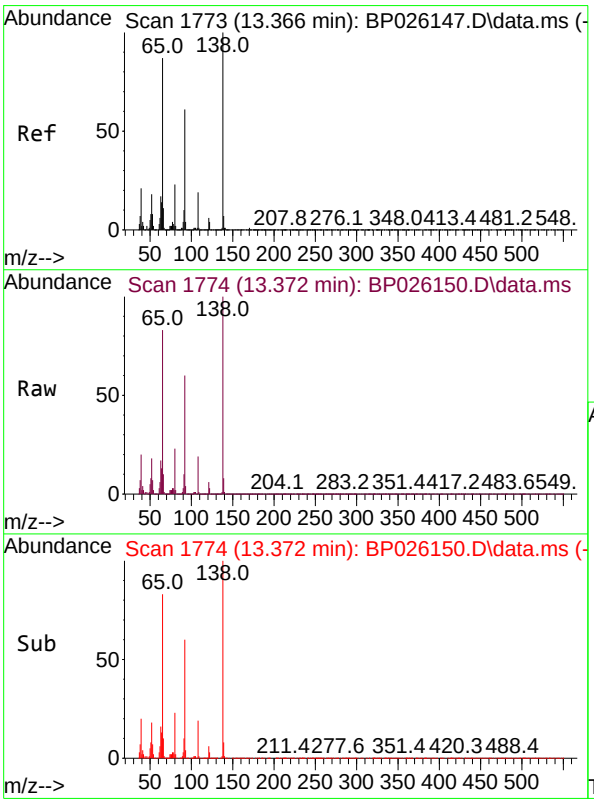
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.6 | 30.9 | 46.3 |
| 164 | 33.0 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

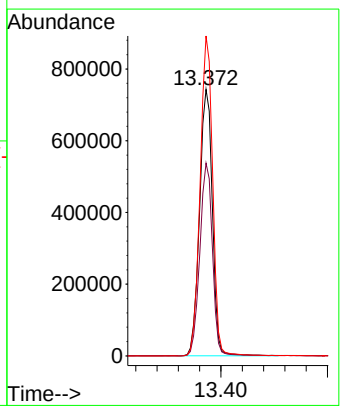
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

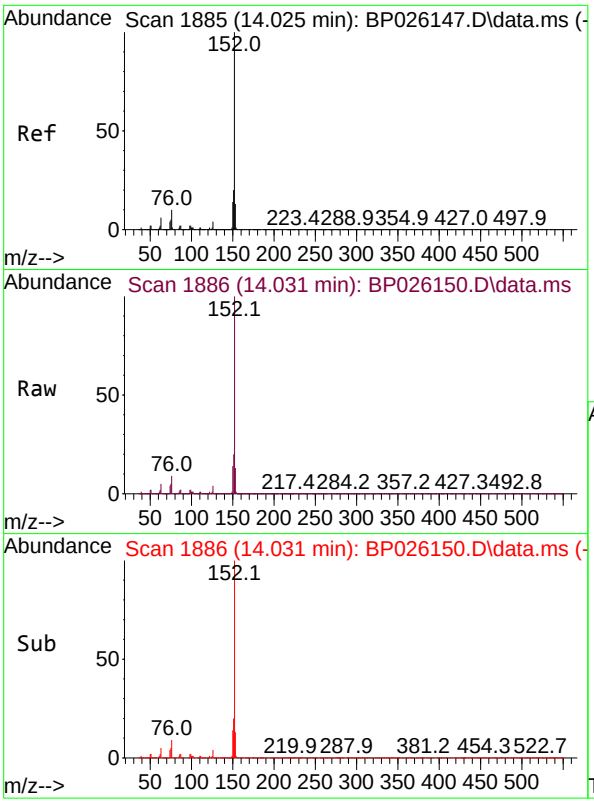



#48
2-Nitroaniline
Concen: 82.186 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 65 Resp: 1240952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.3 | 59.1 | 88.7 |
| 138 | 120.1 | 96.6 | 145.0 |

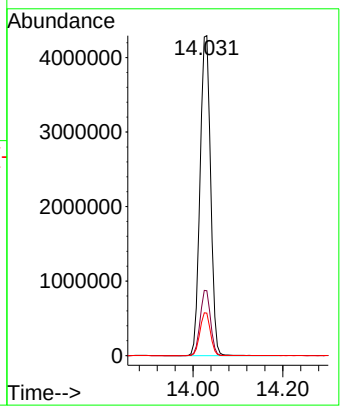





#49
Acenaphthylene
Concen: 78.077 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:152 Resp: 698460

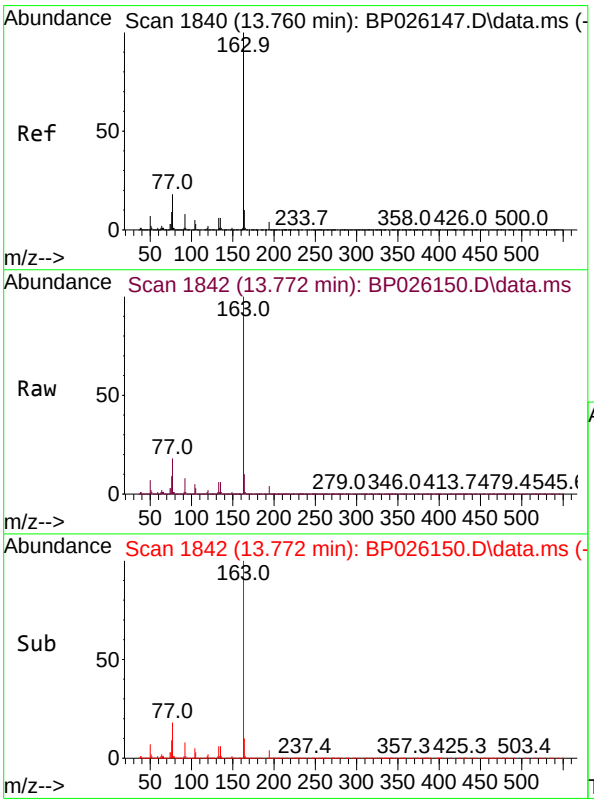
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 15.8 | 23.8 |
| 153 | 13.3 | 10.6 | 16.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

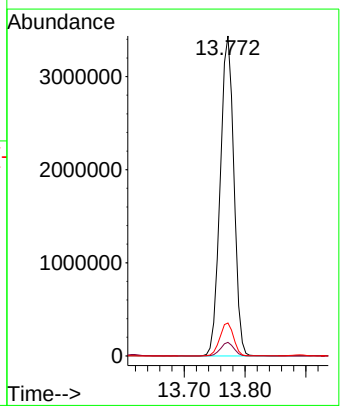
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

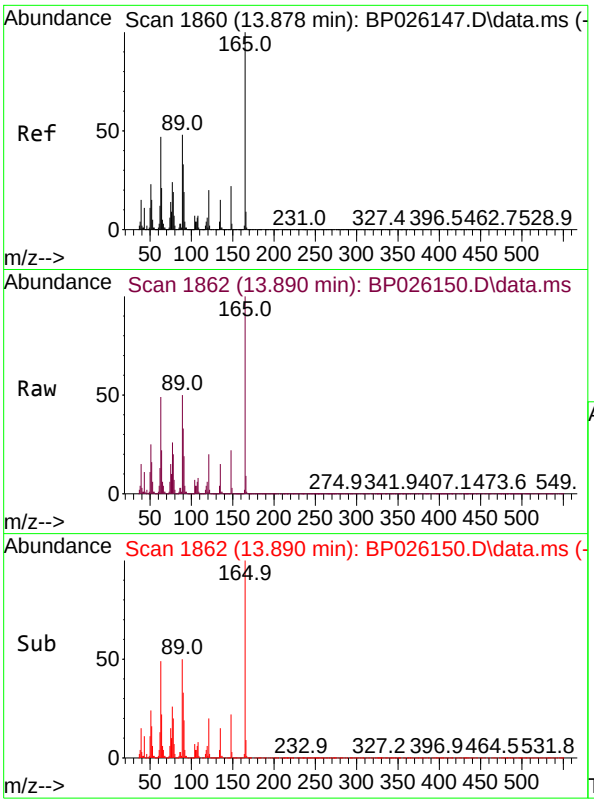



#50
Dimethylphthalate
Concen: 78.482 ng
RT: 13.772 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:163 Resp: 5358389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.3 | 8.2 | 12.2 |

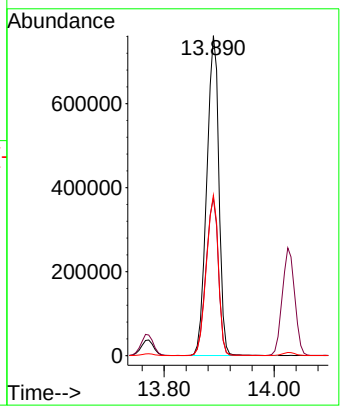





#51
2,6-Dinitrotoluene
Concen: 86.521 ng
RT: 13.890 min Scan# 18
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:165 Resp: 116822

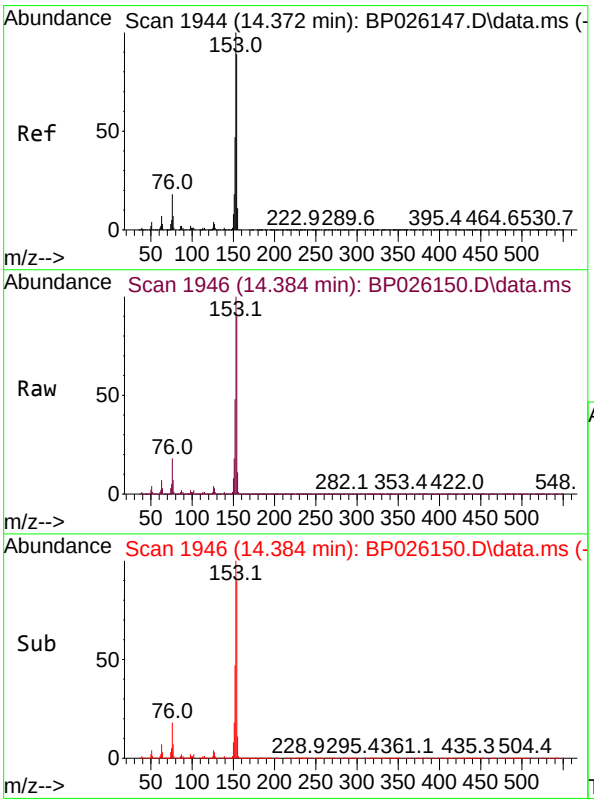
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.2 | 40.5 | 60.7 |
| 89 | 50.1 | 41.3 | 61.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

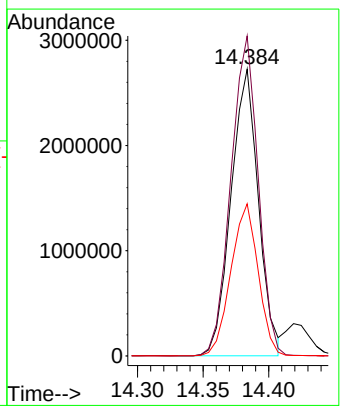
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

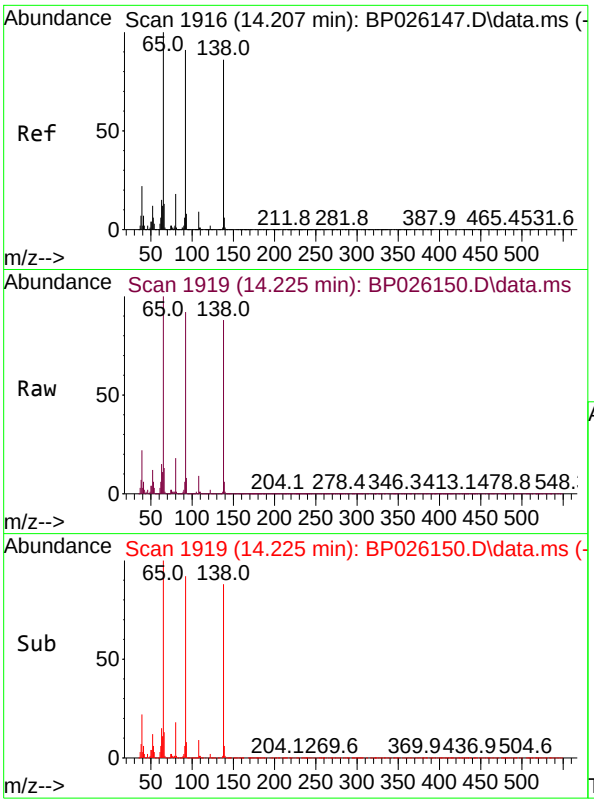



#52
Acenaphthene
Concen: 75.720 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:154 Resp: 3961645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.6 | 90.7 | 136.1 |
| 152 | 53.1 | 42.8 | 64.2 |

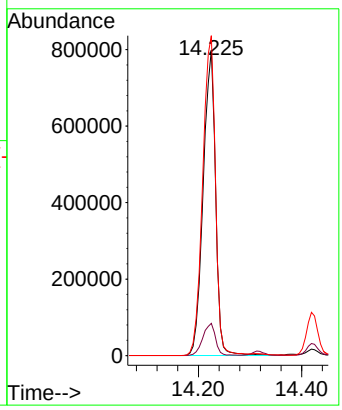





#53
3-Nitroaniline
Concen: 83.269 ng
RT: 14.225 min Scan# 19
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:138 Resp: 132819

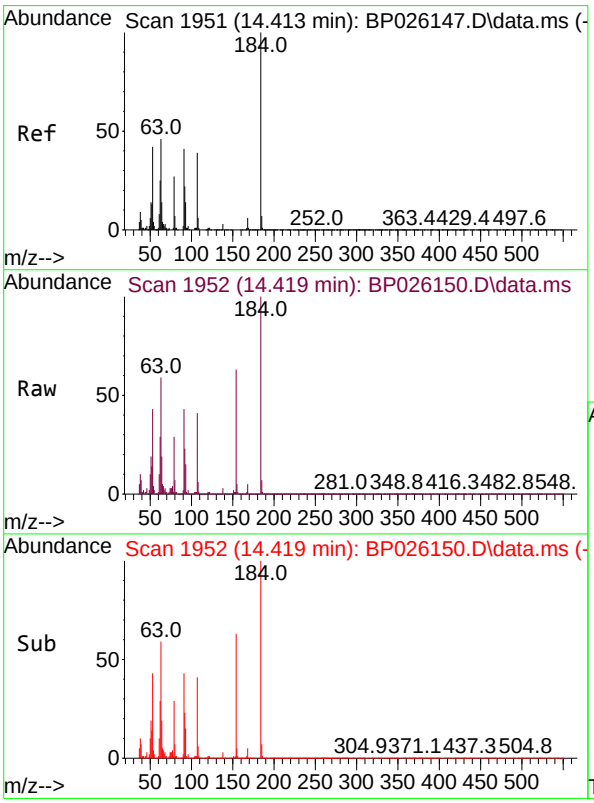
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 8.9 | 13.3 |
| 92 | 104.8 | 86.3 | 129.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

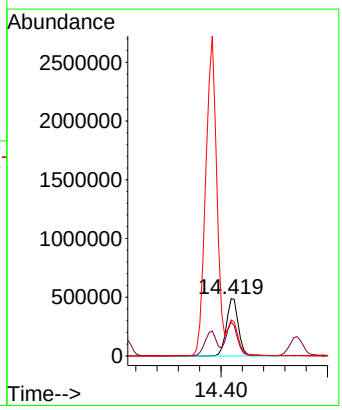
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

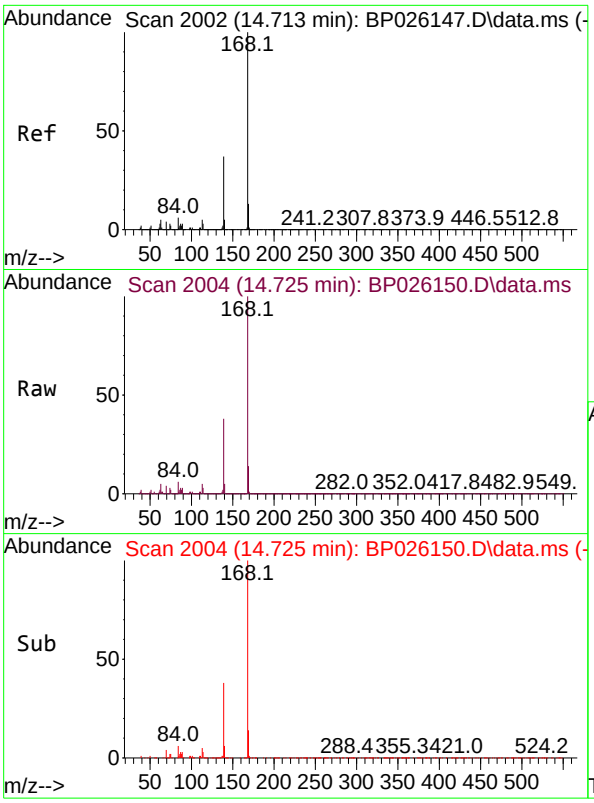



#54
2,4-Dinitrophenol
Concen: 94.087 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:184 Resp: 762088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 59.3 | 43.1 | 64.7 |
| 154 | 62.7 | 49.5 | 74.3 |

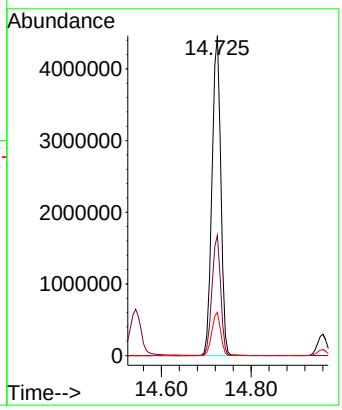





#55
Dibenzofuran
Concen: 74.160 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:168 Resp: 606339

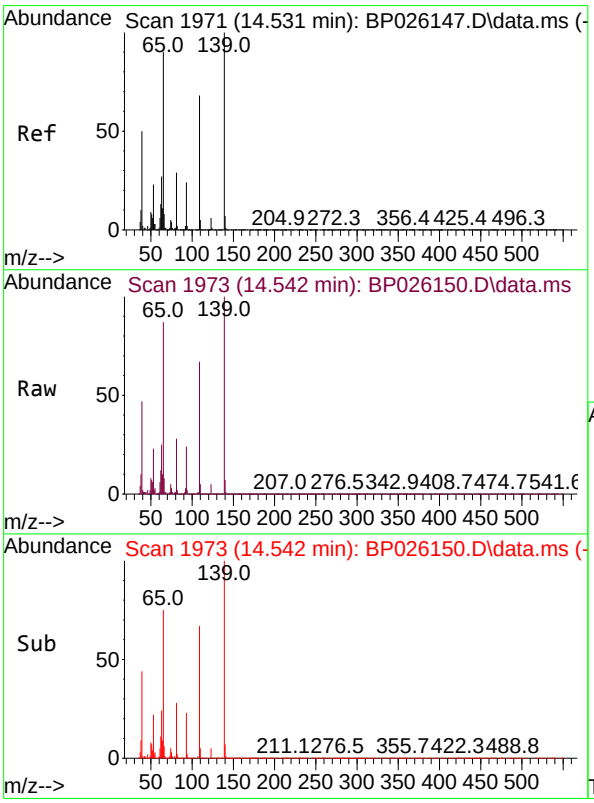
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.6 | 29.8 | 44.6 |
| 169 | 13.6 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

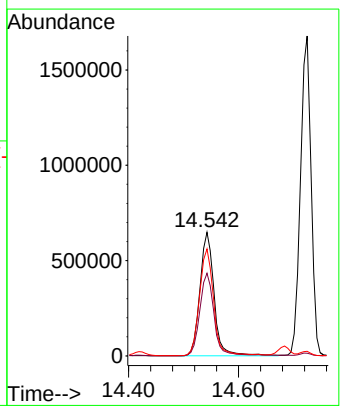
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

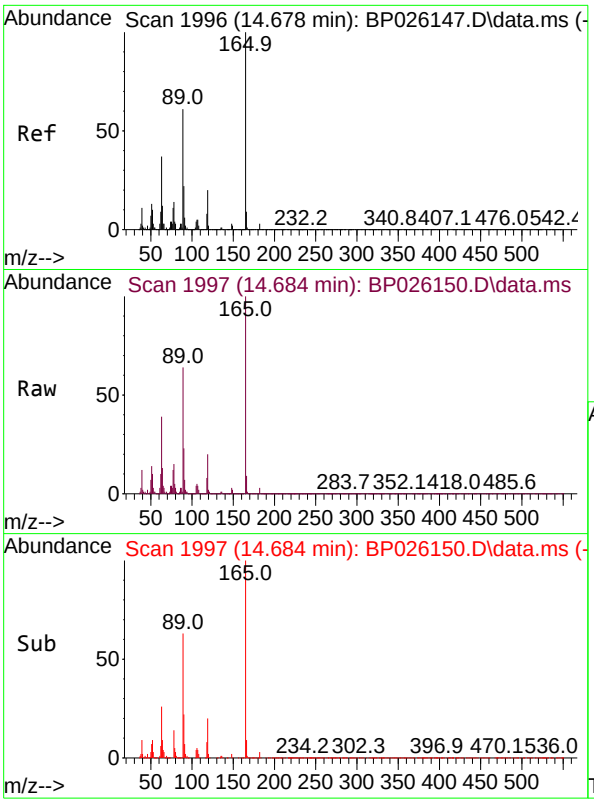



#56
4-Nitrophenol
Concen: 80.163 ng
RT: 14.542 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:139 Resp: 1160755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.8 | 46.8 | 86.8 |
| 65 | 86.6 | 69.3 | 109.3 |

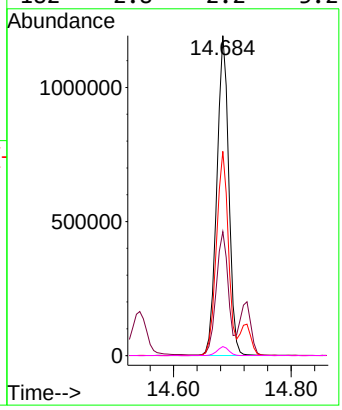





#57
2,4-Dinitrotoluene
Concen: 82.824 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:165 Resp: 168117

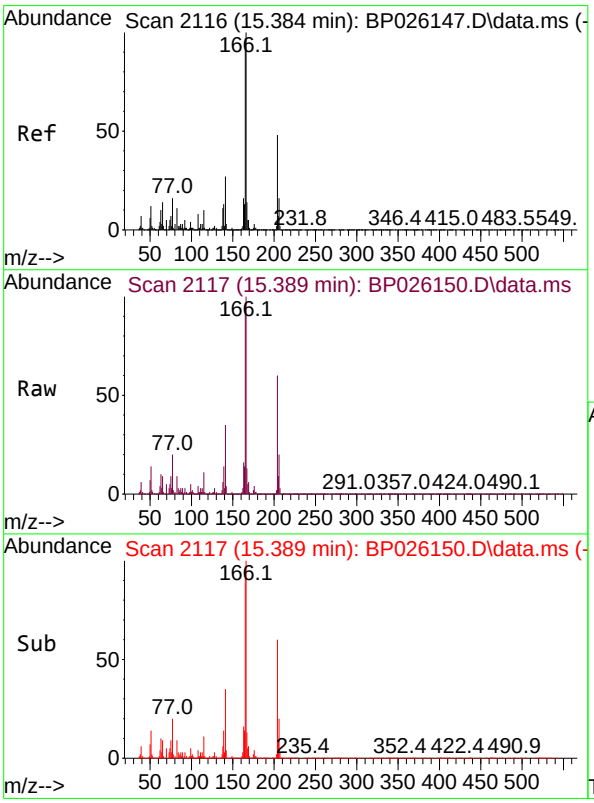
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.7 | 31.0 | 46.6 |
| 89 | 63.8 | 51.7 | 77.5 |
| 182 | 2.8 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

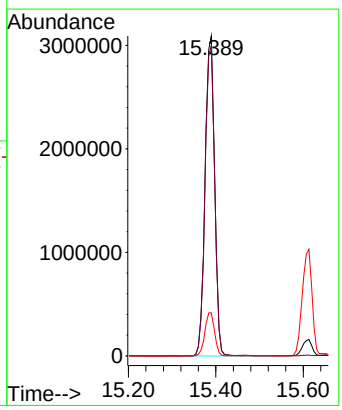
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

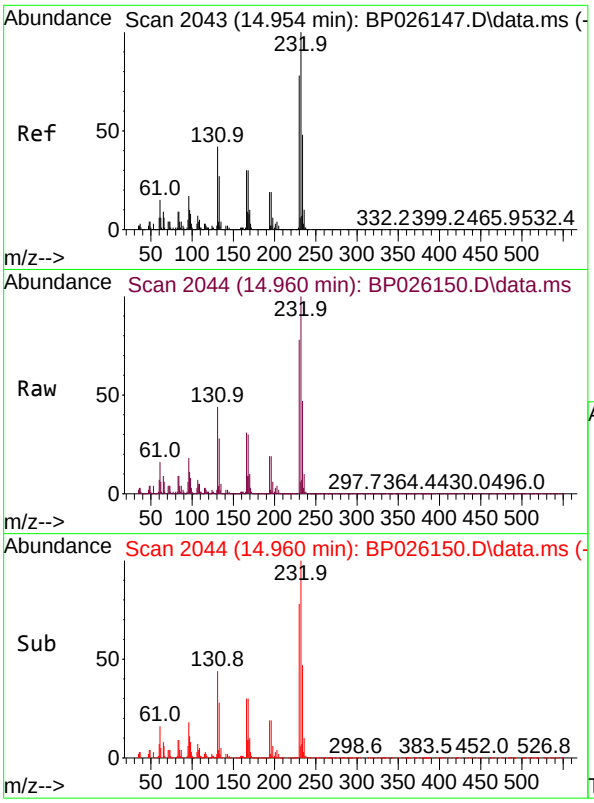



#58
Fluorene
Concen: 71.825 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:166 Resp: 4642250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 77.9 | 116.9 |
| 167 | 13.5 | 11.0 | 16.4 |

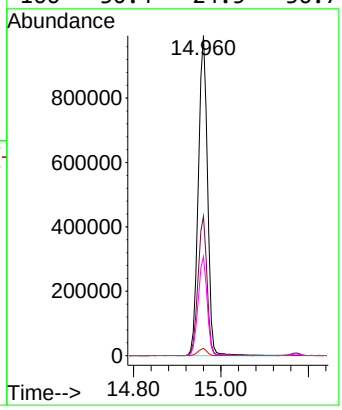





#59
2,3,4,6-Tetrachlorophenol
Concen: 80.377 ng
RT: 14.960 min Scan# 20
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:232 Resp: 144242

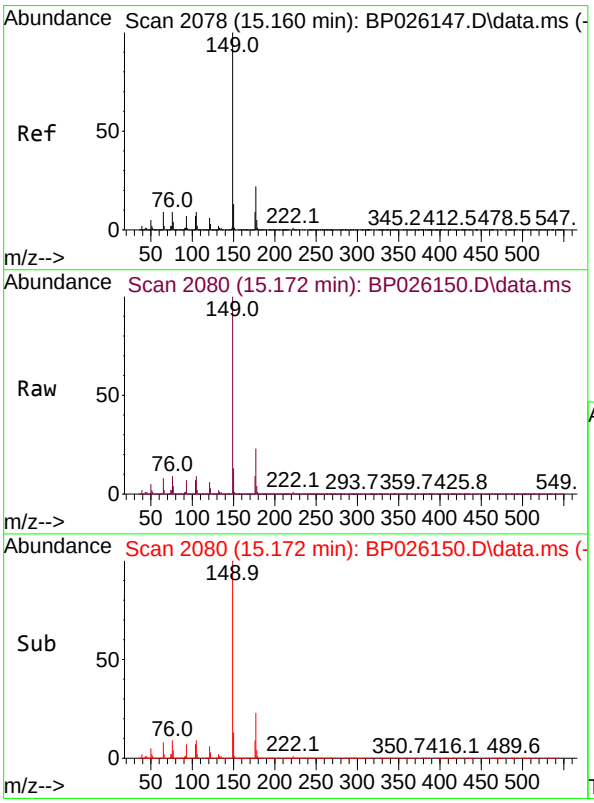
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.0 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.4 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

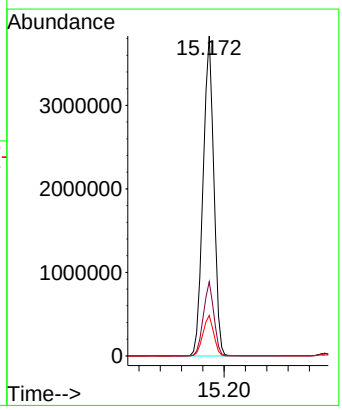
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

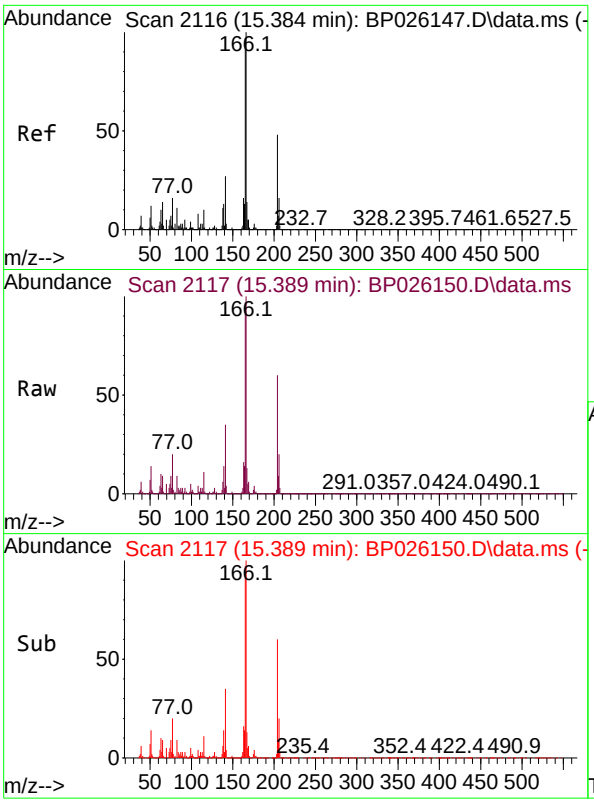



#60
Diethylphthalate
Concen: 77.587 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 5369309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 17.9 | 26.9 |
| 150 | 12.7 | 9.9 | 14.9 |

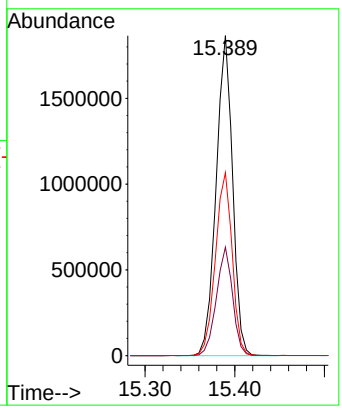





#61
4-Chlorophenyl-phenylether
Concen: 73.978 ng
RT: 15.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:204 Resp: 237338

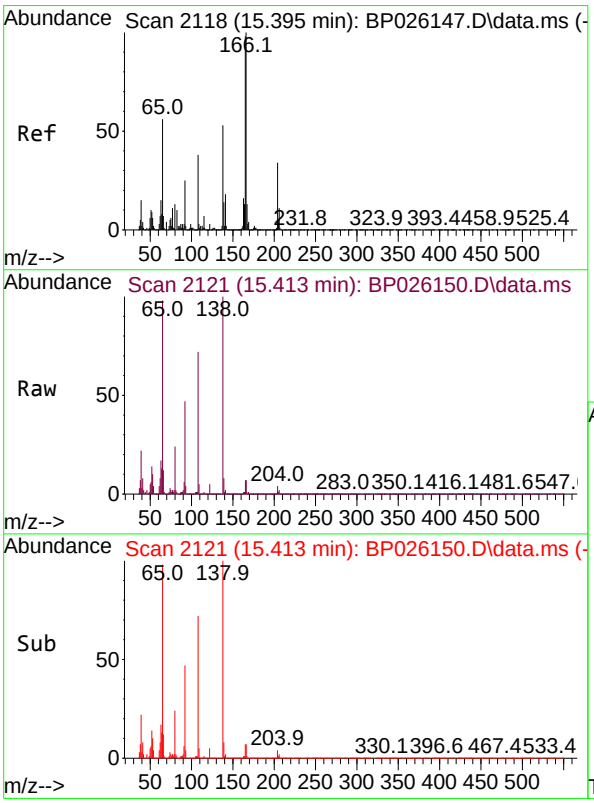
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.9 | 26.2 | 39.2 |
| 141 | 57.2 | 48.1 | 72.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

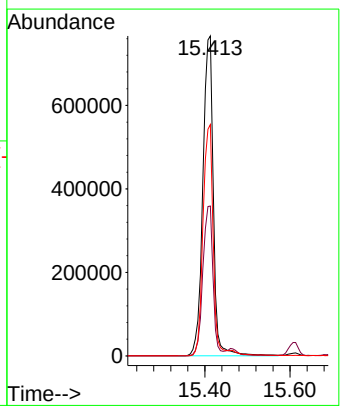
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

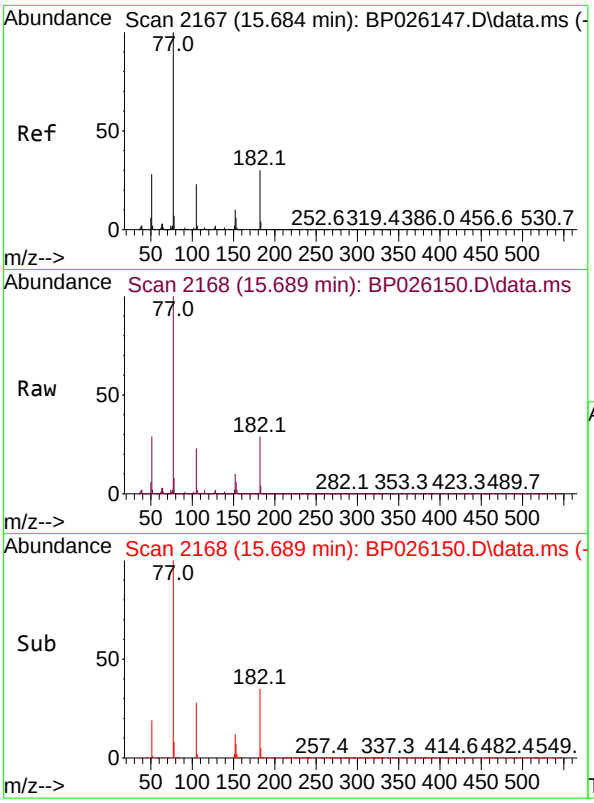



#62
4-Nitroaniline
Concen: 78.639 ng
RT: 15.413 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:138 Resp: 1312938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.8 | 27.5 | 67.5 |
| 108 | 72.3 | 51.1 | 91.1 |

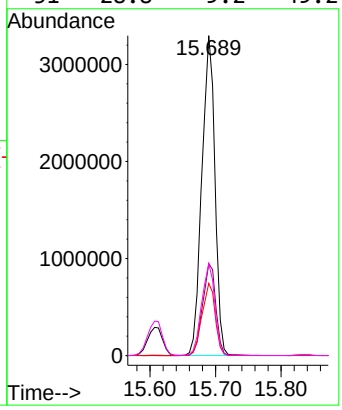





#63
Azobenzene
Concen: 78.140 ng
RT: 15.689 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 77 Resp: 454320

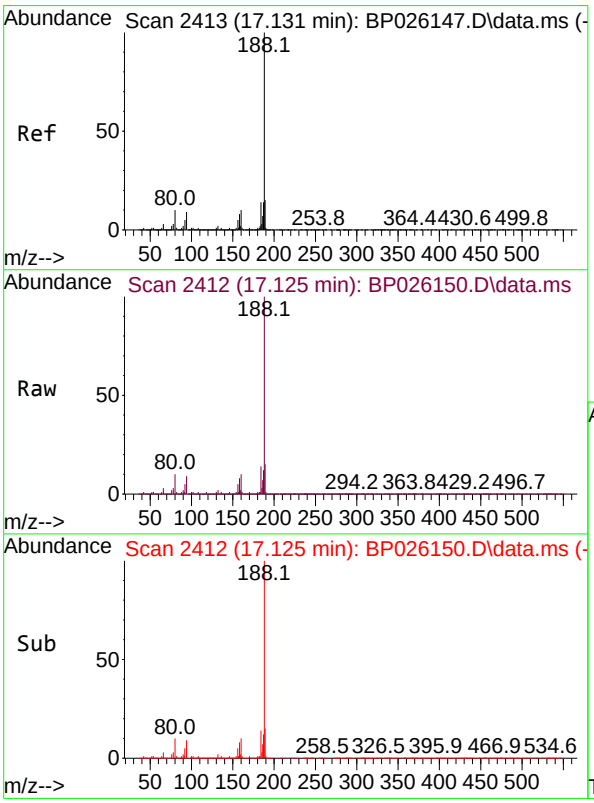
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.7 | 8.8 | 48.8 |
| 105 | 22.6 | 2.6 | 42.6 |
| 51 | 28.8 | 9.2 | 49.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

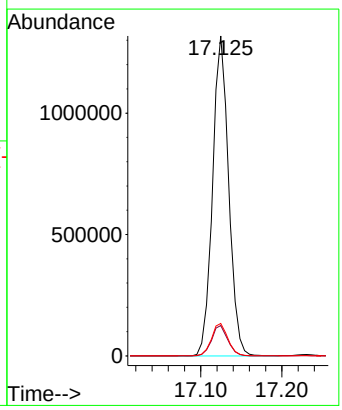
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

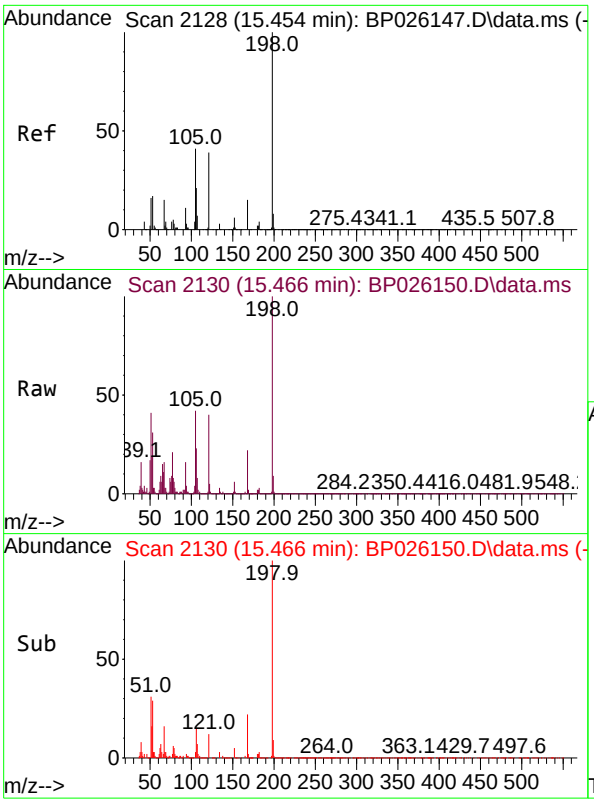



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:188 Resp: 1816815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 7.8 | 11.6 |
| 80 | 10.1 | 8.2 | 12.2 |

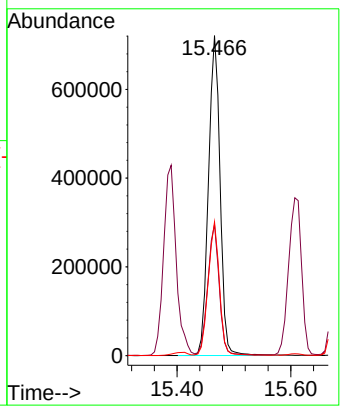





#65
4,6-Dinitro-2-methylphenol
Concen: 89.911 ng
RT: 15.466 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:198 Resp: 102796

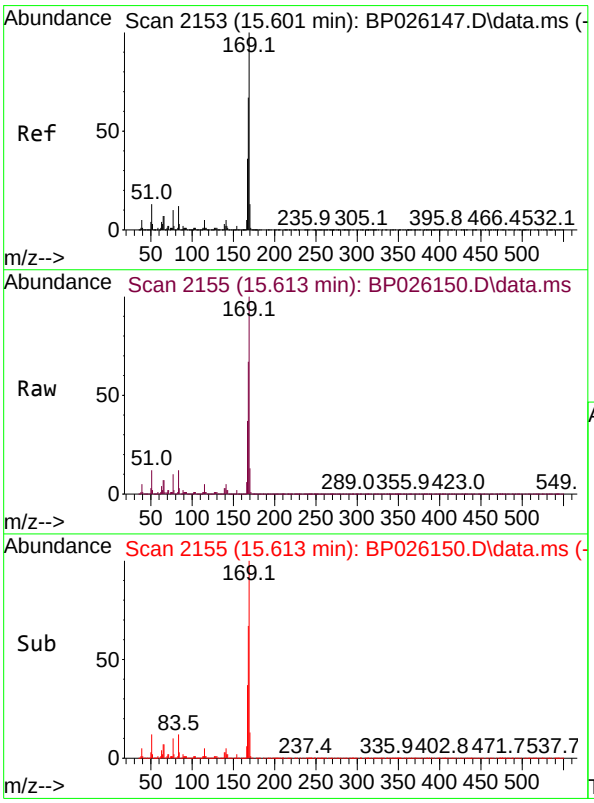
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.9 | 18.4 | 58.4 |
| 105 | 41.8 | 18.5 | 58.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

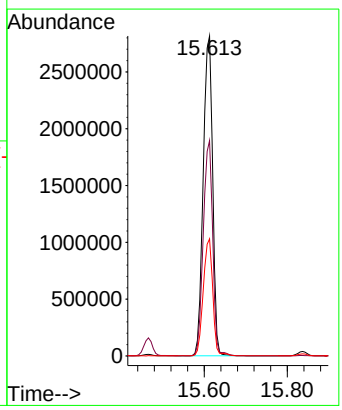
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

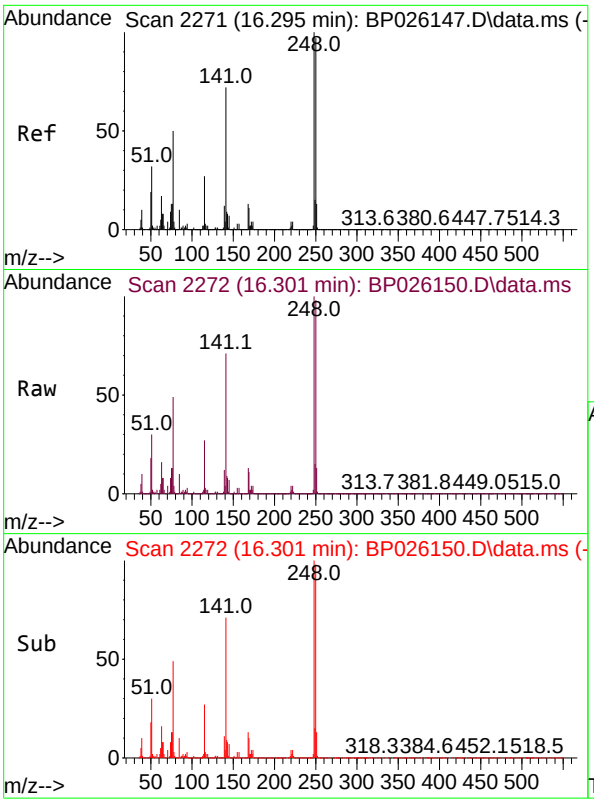



#66
n-Nitrosodiphenylamine
Concen: 78.838 ng
RT: 15.613 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:169 Resp: 4431692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.3 | 53.1 | 79.7 |
| 167 | 36.6 | 28.9 | 43.3 |

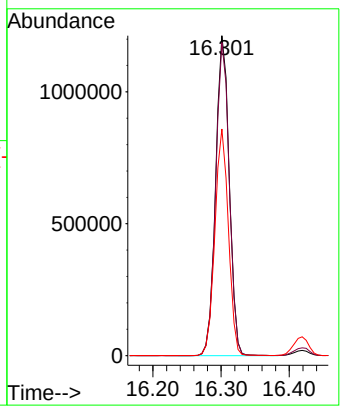





#67
4-Bromophenyl-phenylether
Concen: 82.958 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:248 Resp: 166561

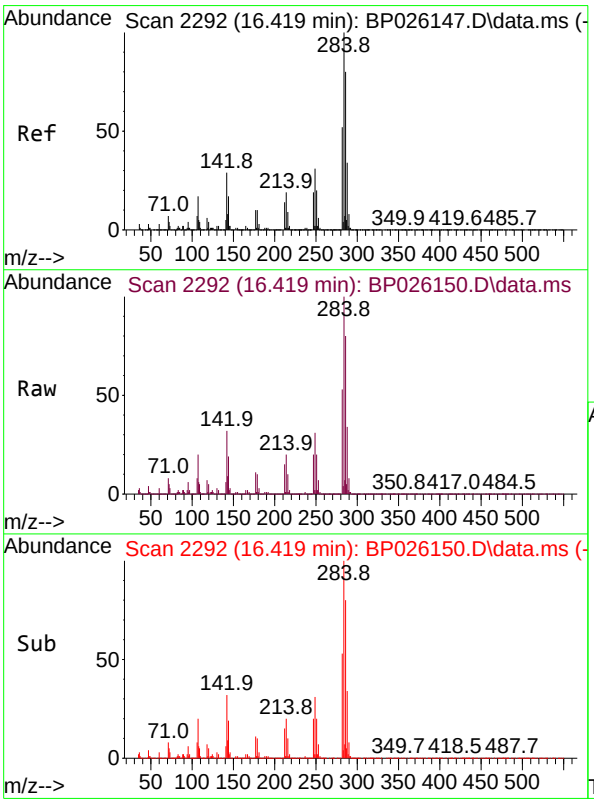
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.8 | 77.8 | 116.6 |
| 141 | 70.8 | 55.4 | 83.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

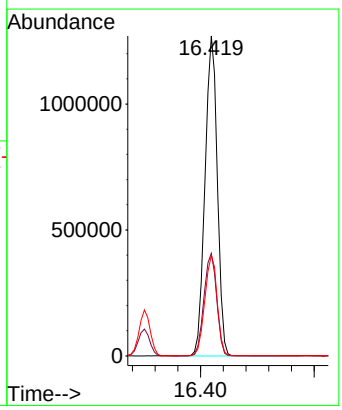
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

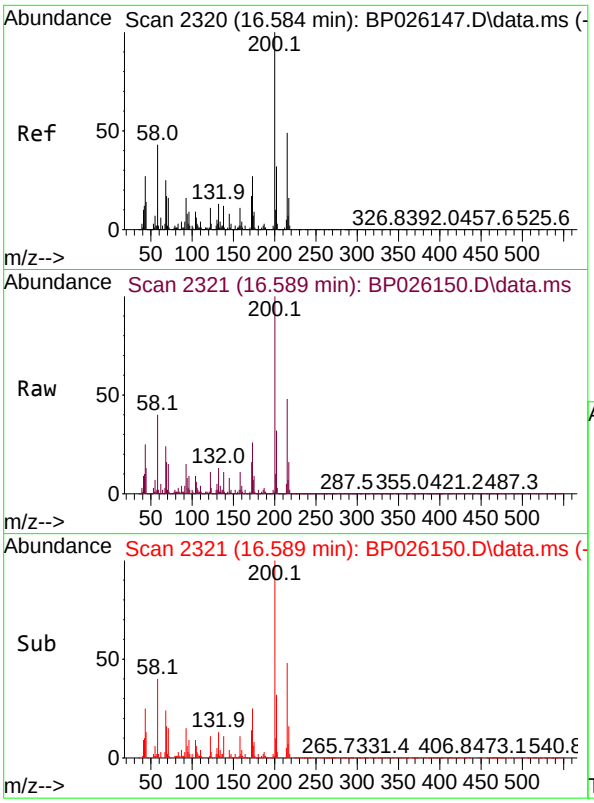



#68
Hexachlorobenzene
Concen: 82.547 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:284 Resp: 1914891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.0 | 28.0 | 42.0 |
| 249 | 31.4 | 25.0 | 37.4 |

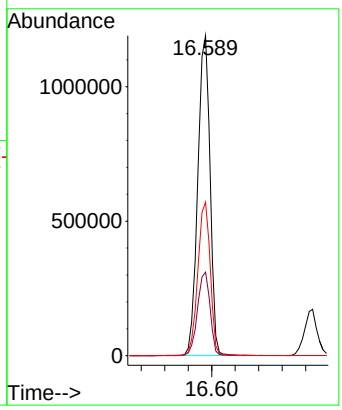





#69
Atrazine
Concen: 81.486 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:200 Resp: 172486

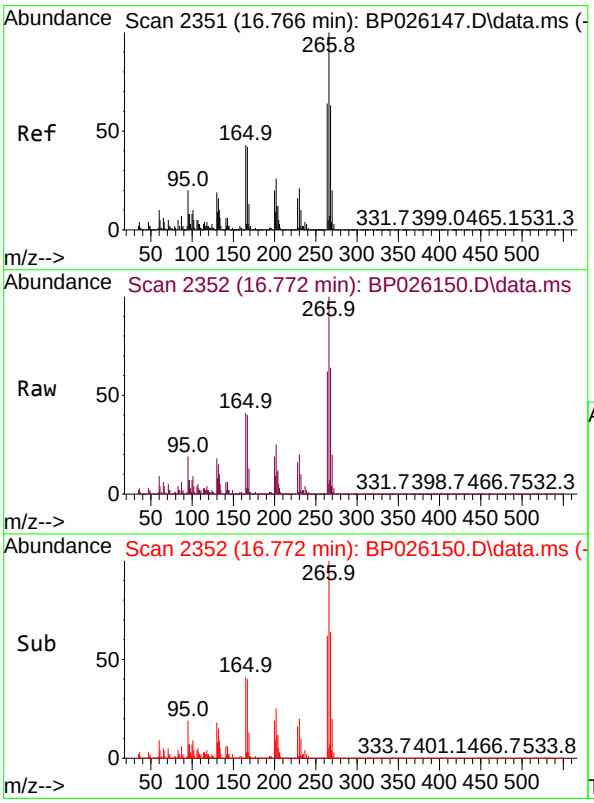
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.1 | 6.7 | 46.7 |
| 215 | 48.0 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

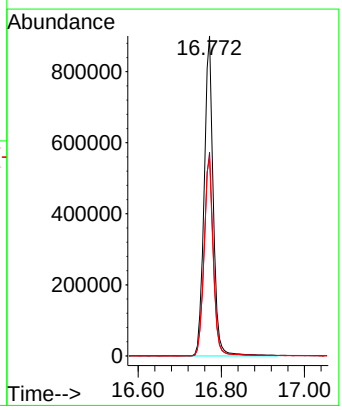
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

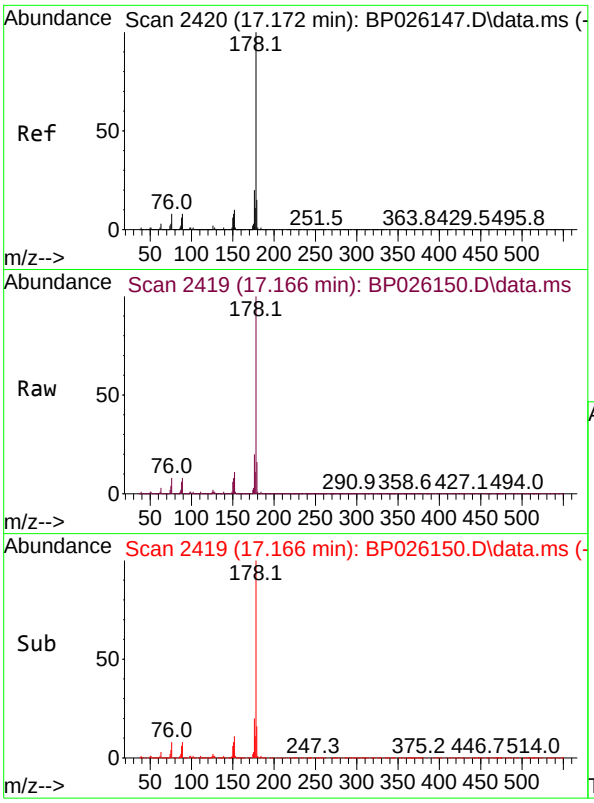



#70
Pentachlorophenol
Concen: 83.671 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:266 Resp: 1361754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 51.0 | 76.4 |
| 264 | 62.1 | 50.2 | 75.2 |






#71
Phenanthrene
Concen: 76.873 ng
RT: 17.166 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

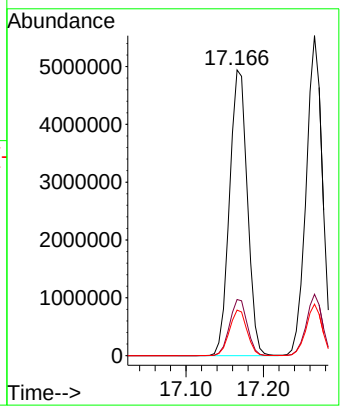
Tgt Ion:178 Resp: 790140

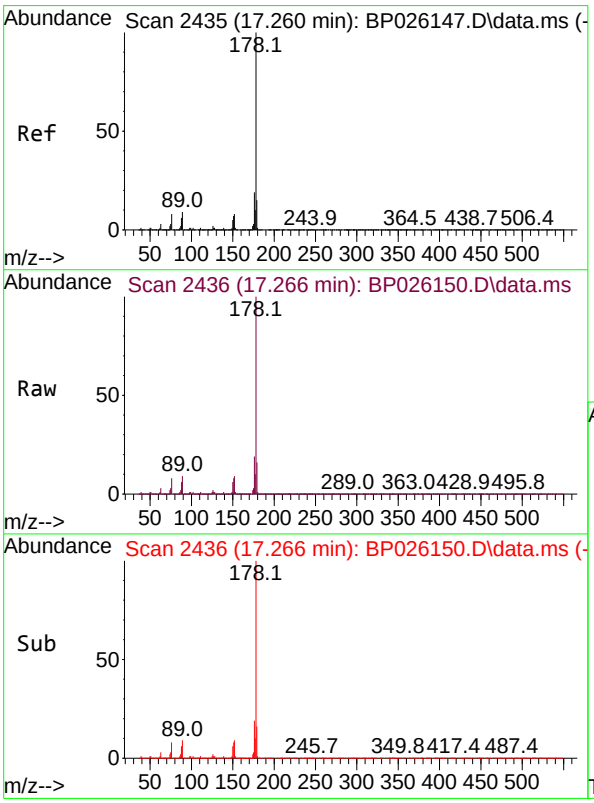
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.4 | 23.2 |
| 179 | 15.9 | 12.4 | 18.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

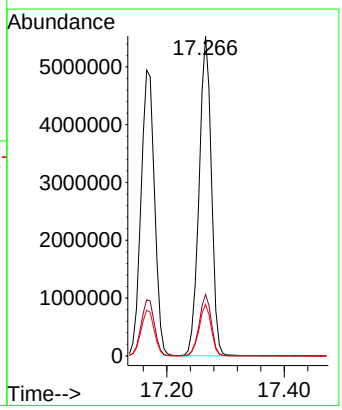


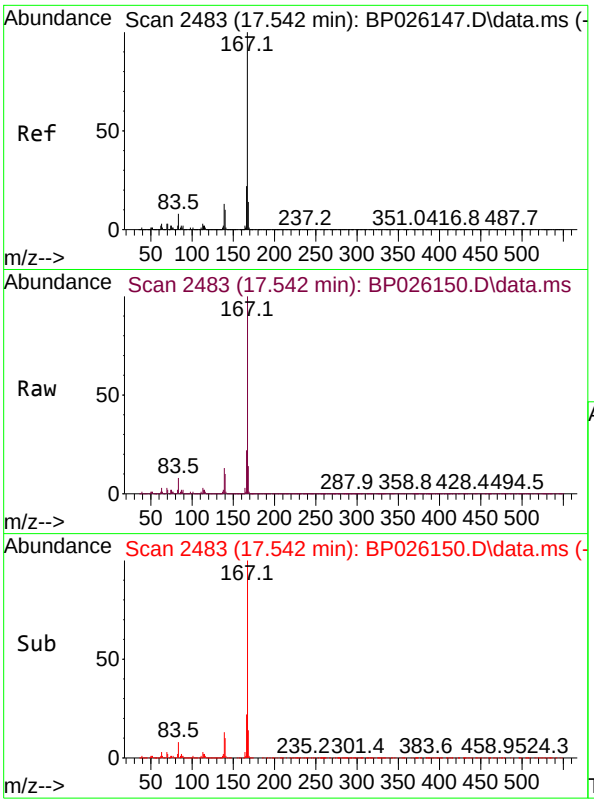




#72
Anthracene
Concen: 76.308 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:178 Resp: 8010628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 14.8 | 22.2 |
| 179 | 16.1 | 12.2 | 18.4 |

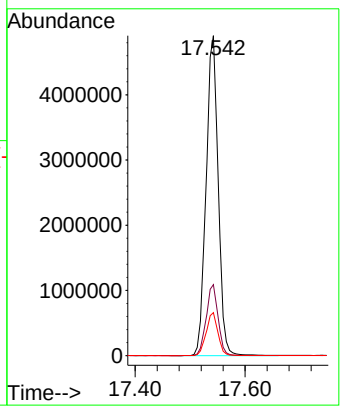





#73
Carbazole
Concen: 75.335 ng
RT: 17.542 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:167 Resp: 748175

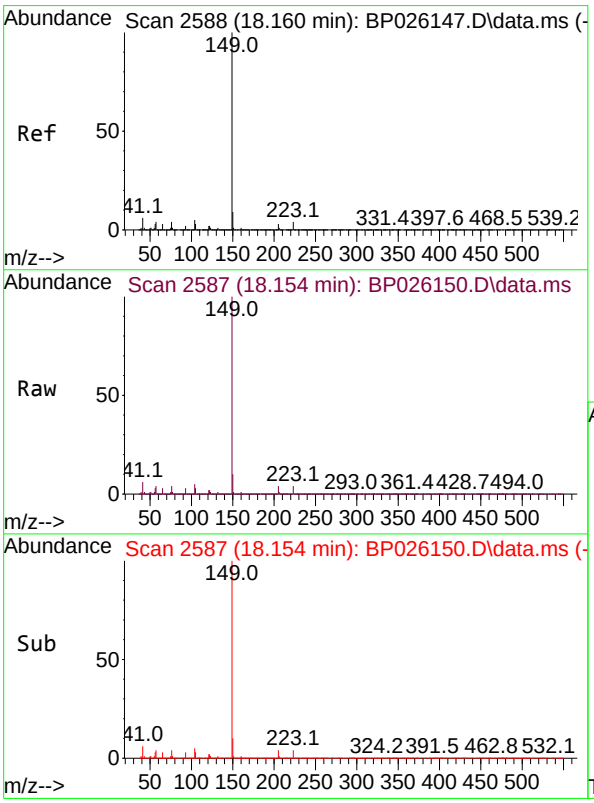
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 17.1 | 25.7 |
| 139 | 13.4 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

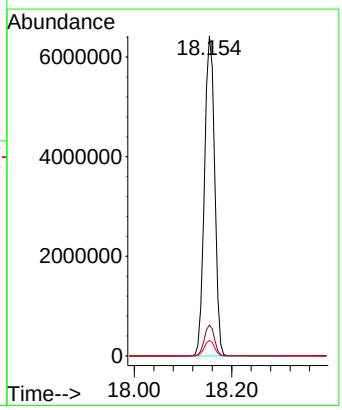
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

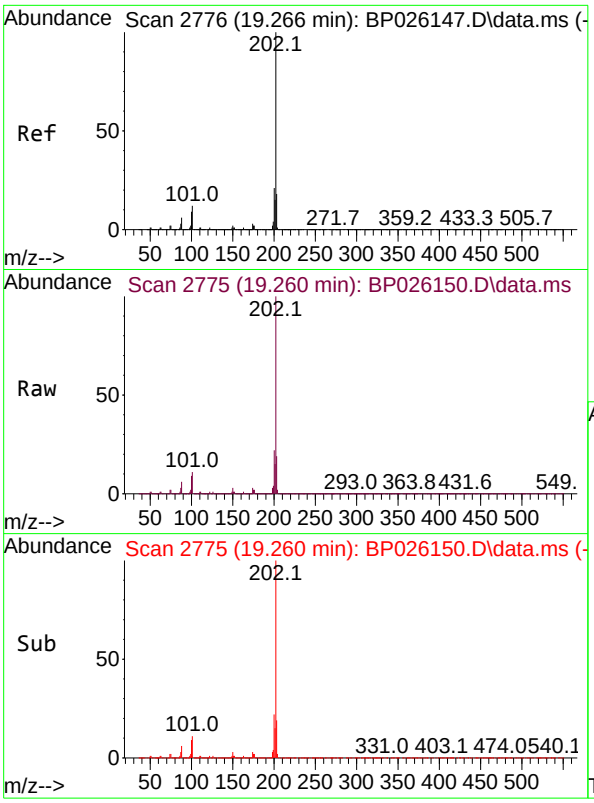



#74
Di-n-butylphthalate
Concen: 79.539 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 9375432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.5 | 11.3 |
| 104 | 4.8 | 3.6 | 5.4 |

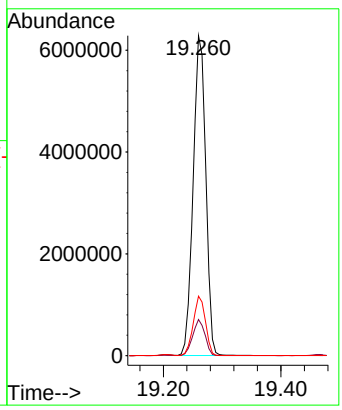





#75
Fluoranthene
Concen: 74.439 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:202 Resp: 935156

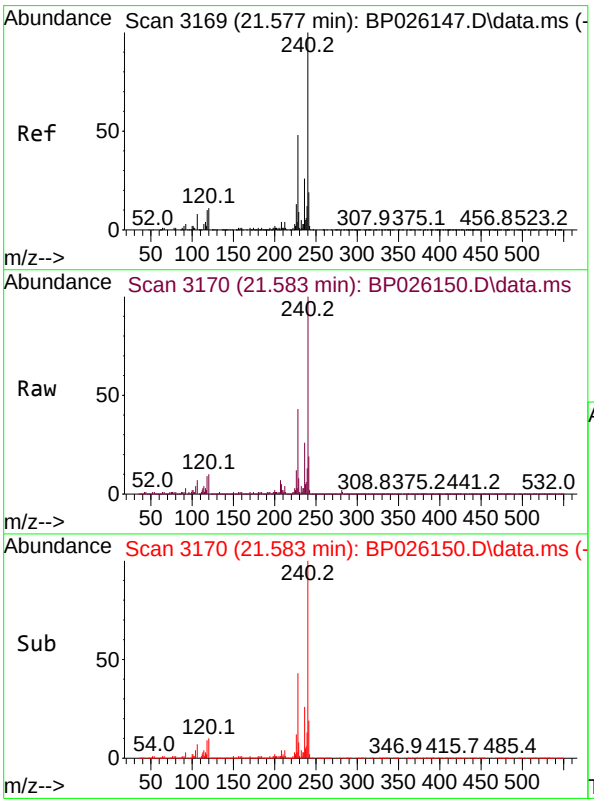
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.3 | 0.0 | 31.2 |
| 203 | 18.6 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

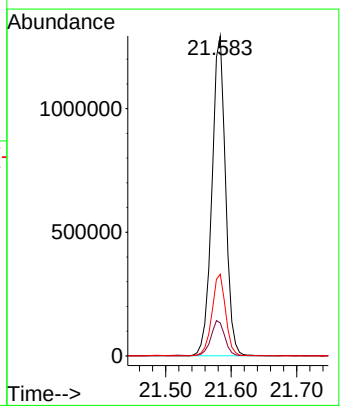
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

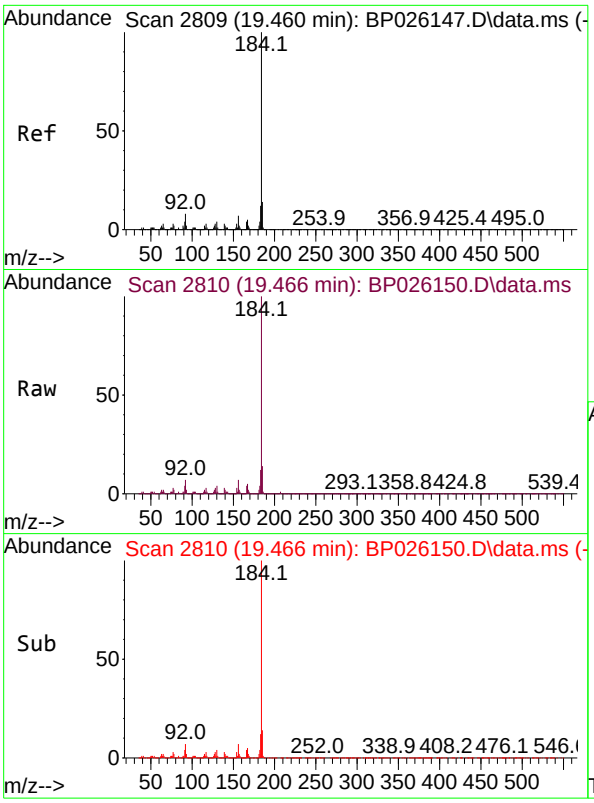



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:240 Resp: 1872355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 9.0 | 13.4 |
| 236 | 25.5 | 20.4 | 30.6 |

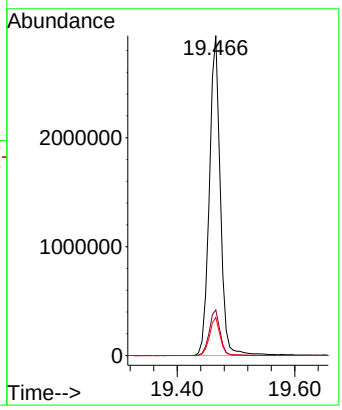





#77
Benzidine
Concen: 65.974 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:184 Resp: 380226

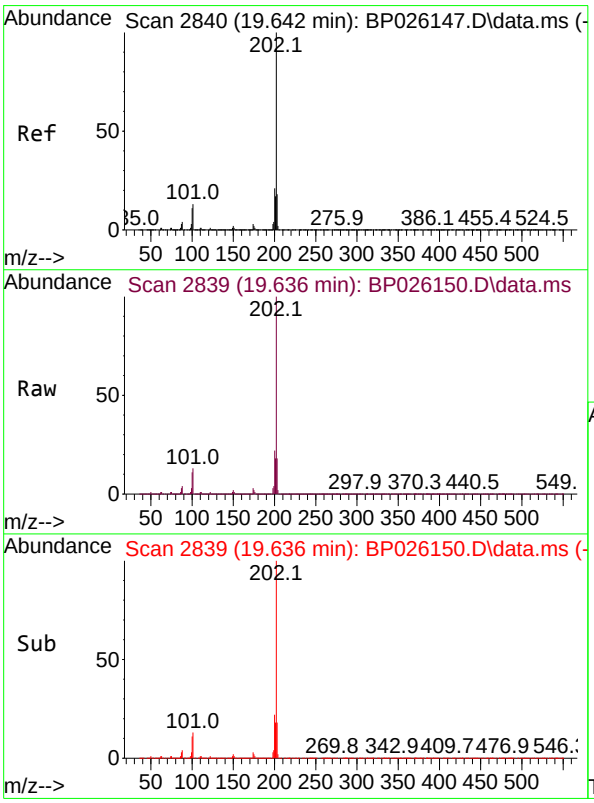
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.3 | 16.9 |
| 183 | 11.9 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

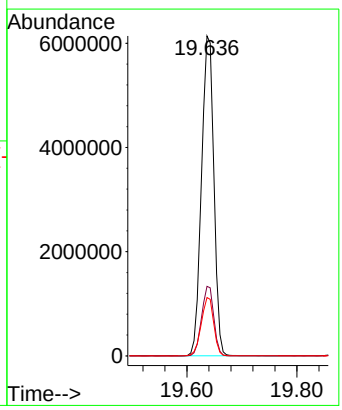
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

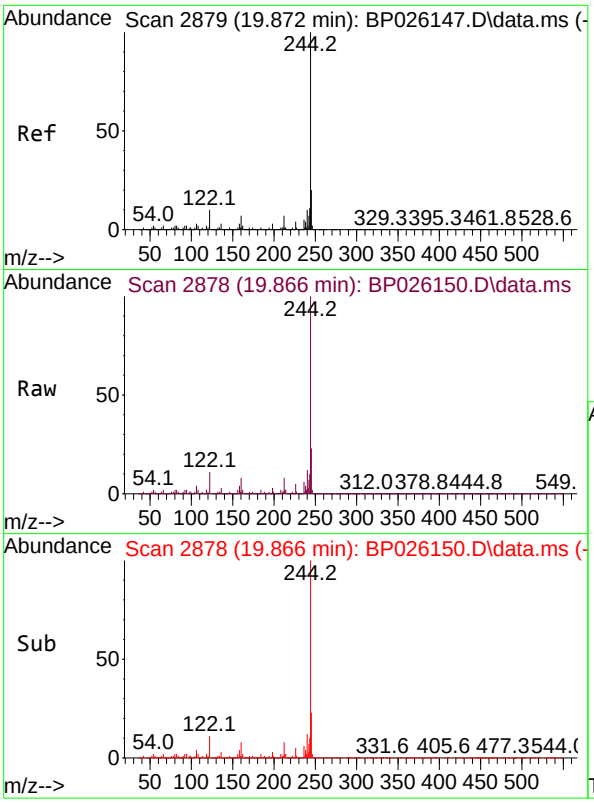



#78
Pyrene
Concen: 78.406 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:202 Resp: 9565086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 16.9 | 25.3 |
| 203 | 18.2 | 13.8 | 20.8 |

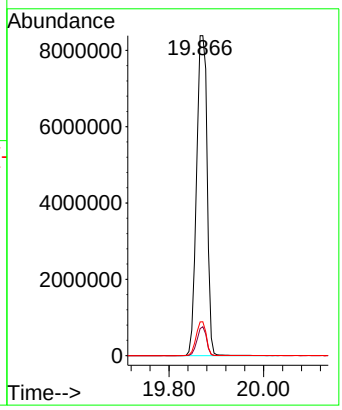





#79
Terphenyl-d14
Concen: 141.200 ng
RT: 19.866 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:244 Resp:1296444

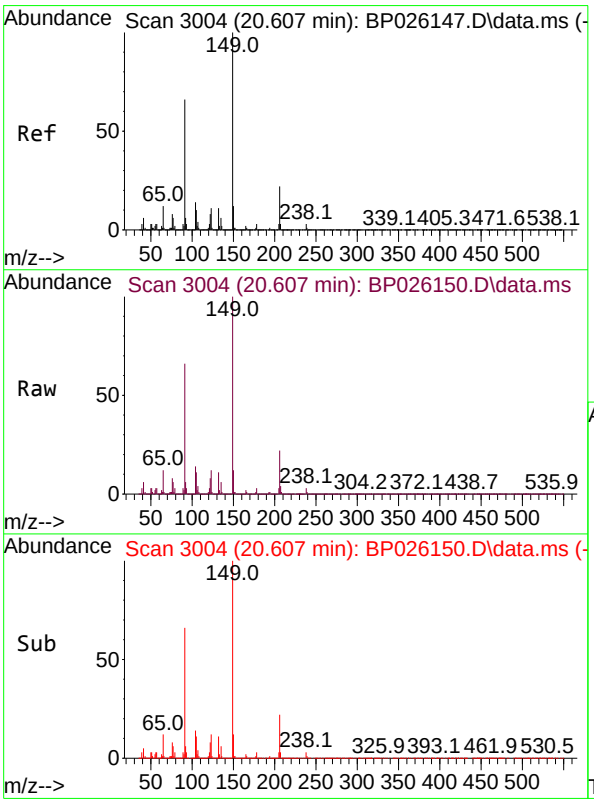
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 5.8 | 8.8 |
| 122 | 10.5 | 8.2 | 12.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

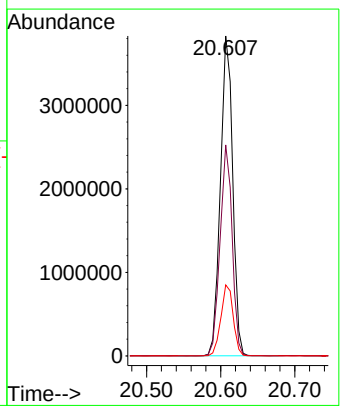
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

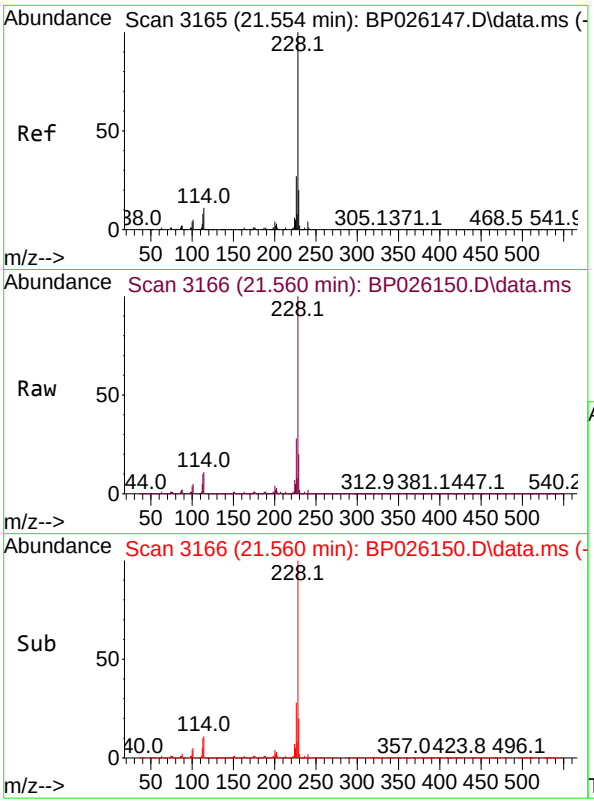



#80
Butylbenzylphthalate
Concen: 80.859 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 4393302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.9 | 52.6 | 79.0 |
| 206 | 22.2 | 16.9 | 25.3 |

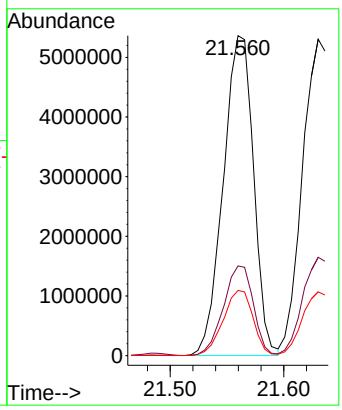





#81
Benzo(a)anthracene
Concen: 77.479 ng
RT: 21.560 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:228 Resp: 994914

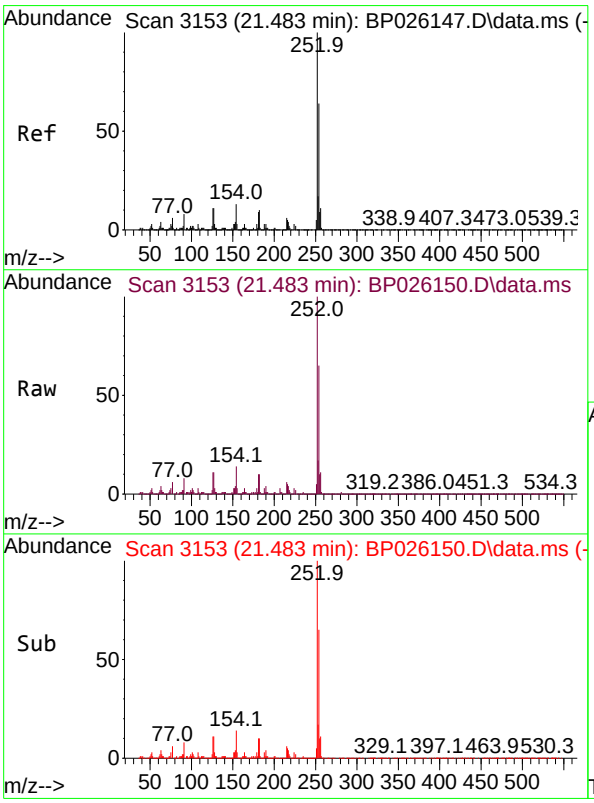
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 21.8 | 32.8 |
| 229 | 20.4 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

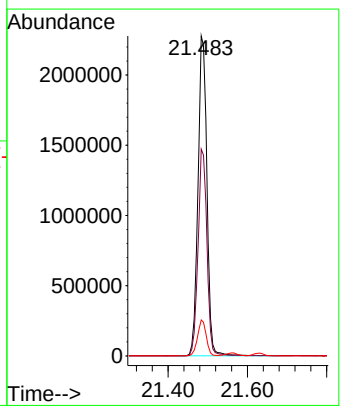
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

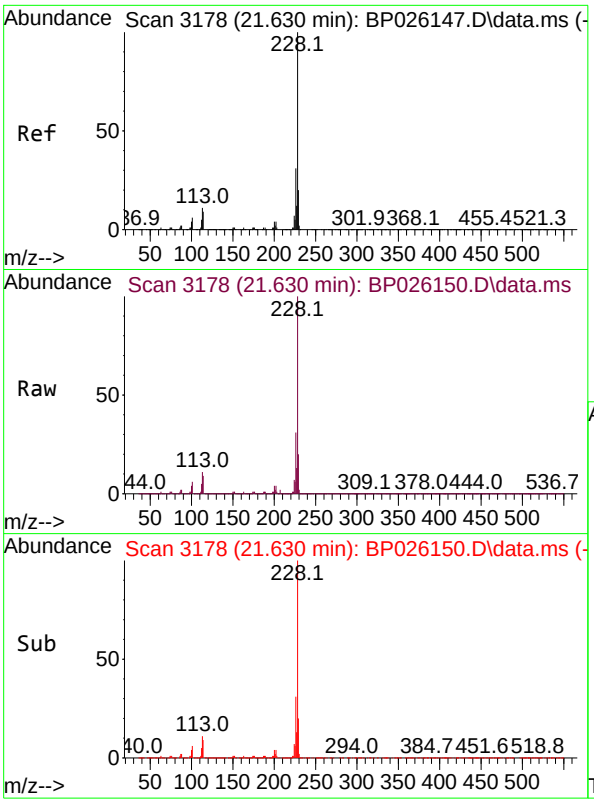



#82
3,3'-Dichlorobenzidine
Concen: 76.221 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp: 3556791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.2 | 76.8 |
| 126 | 11.2 | 8.2 | 12.4 |

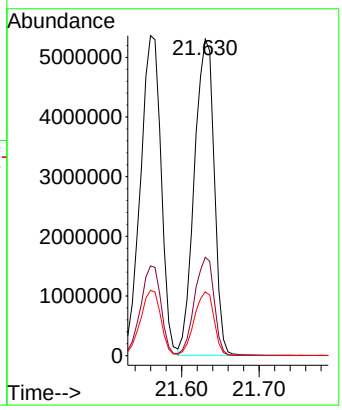





#83
Chrysene
Concen: 77.856 ng
RT: 21.630 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:228 Resp: 941234

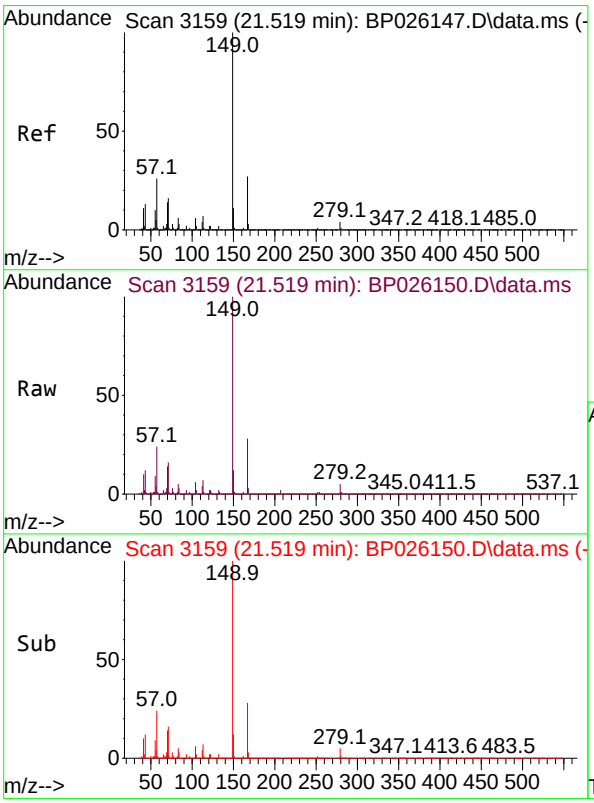
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 23.9 | 35.9 |
| 229 | 20.2 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

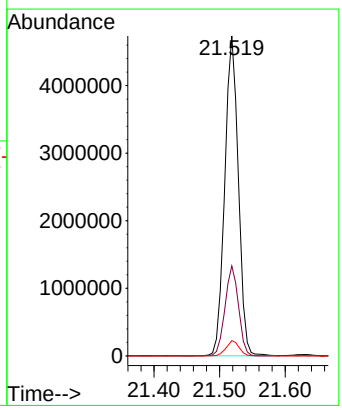
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

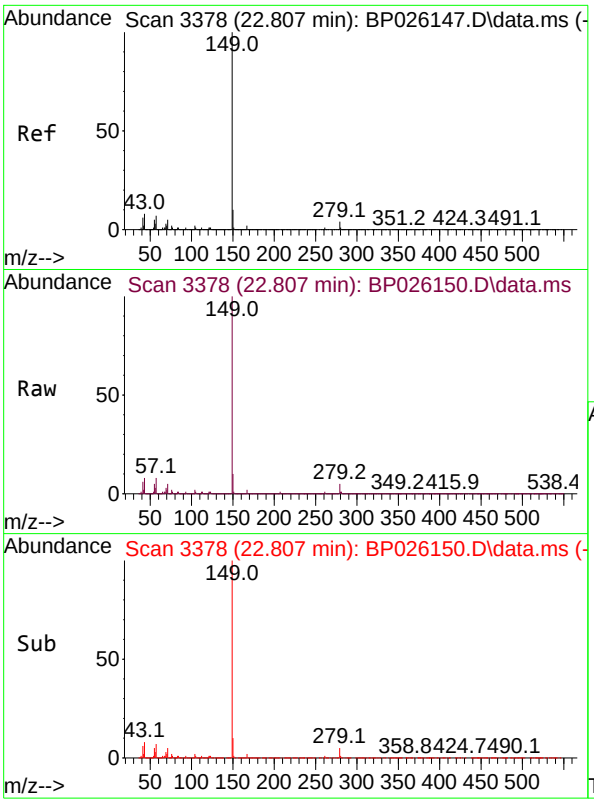



#84
Bis(2-ethylhexyl)phthalate
Concen: 83.686 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp: 6825162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.2 | 22.1 | 33.1 |
| 279 | 4.8 | 3.3 | 4.9 |

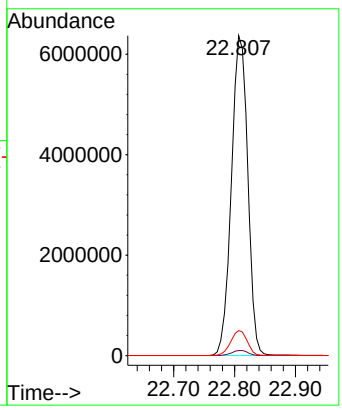





#85
Di-n-octyl phthalate
Concen: 82.666 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:149 Resp:1186472

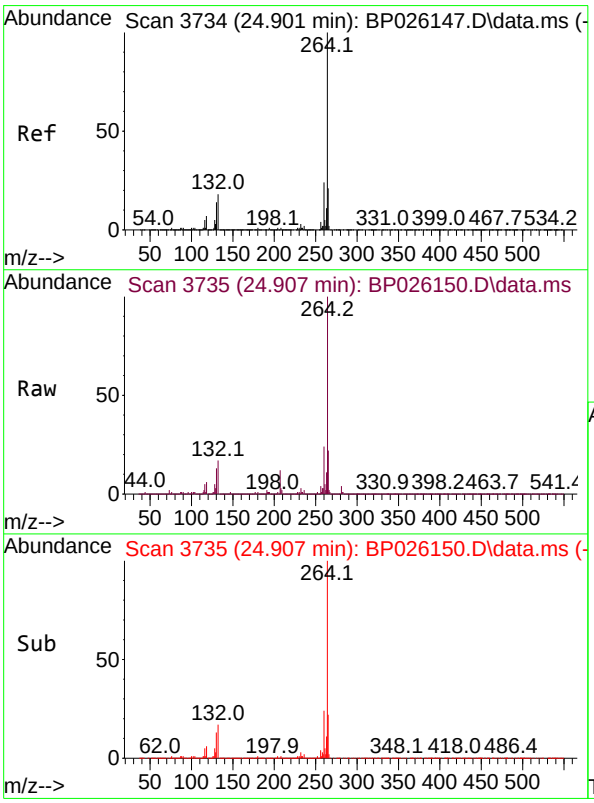
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.9 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

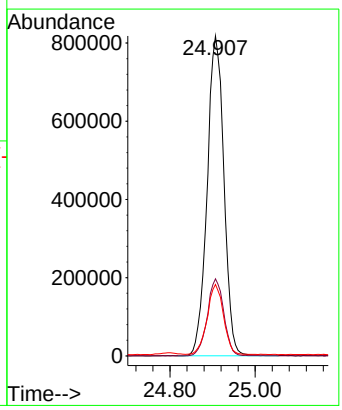
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

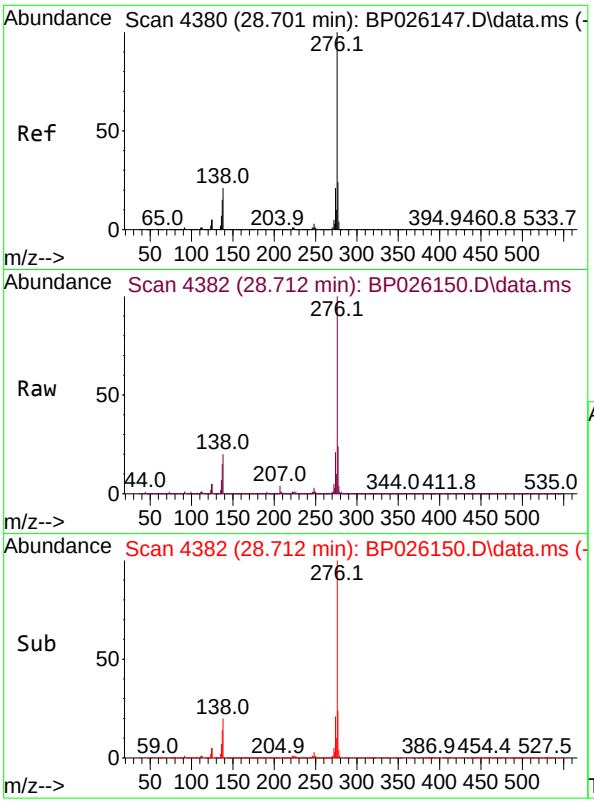



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:264 Resp: 2234365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.7 | 28.1 |
| 265 | 22.3 | 17.5 | 26.3 |

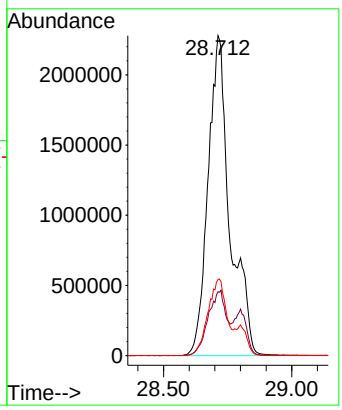





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.129 ng m
RT: 28.712 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:276 Resp:1350425

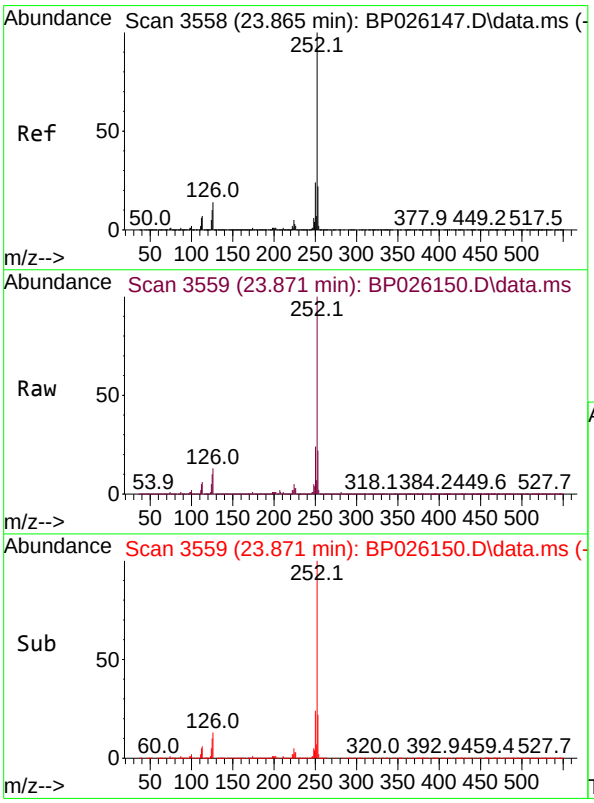
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.8 | 13.8 | 20.8 |
| 277 | 20.3 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

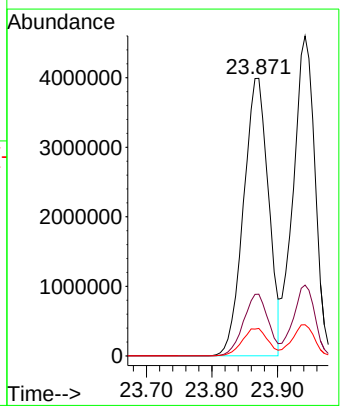
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

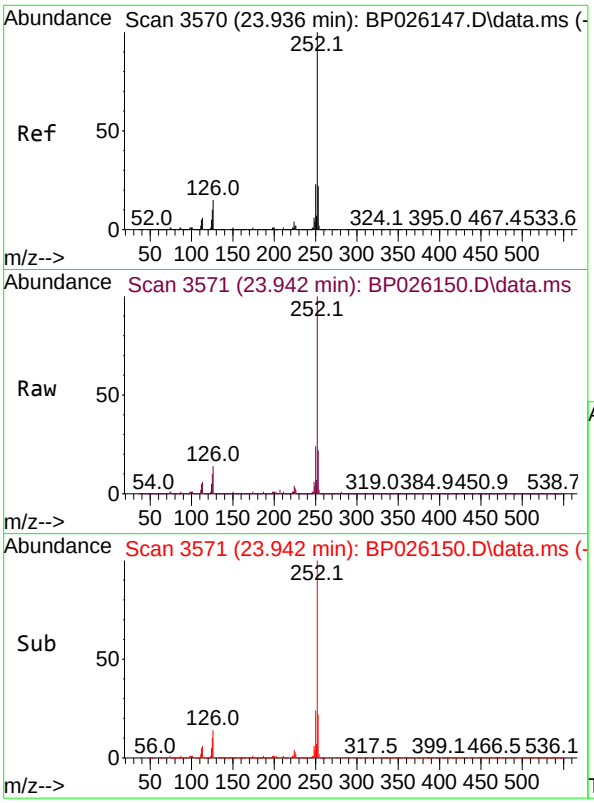



#88
Benzo(b)fluoranthene
Concen: 77.620 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp:10544016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.6 | 26.4 |
| 125 | 9.9 | 8.2 | 12.4 |






#89
Benzo(k)fluoranthene
Concen: 78.288 ng
RT: 23.942 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

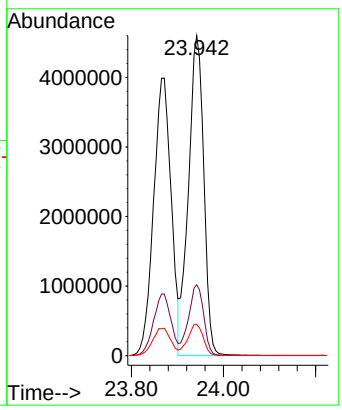
Tgt Ion:252 Resp:1062866

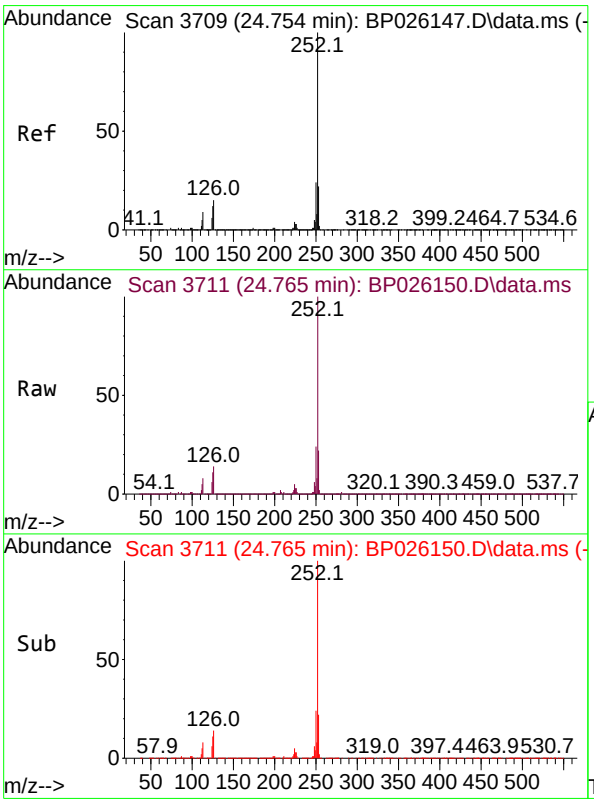
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 9.7 | 7.5 | 11.3 |

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

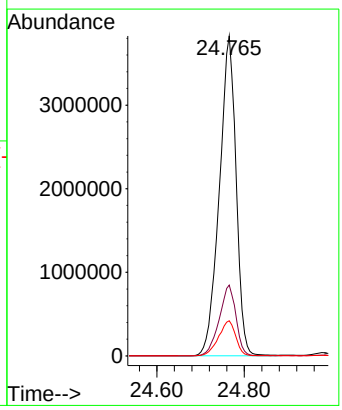


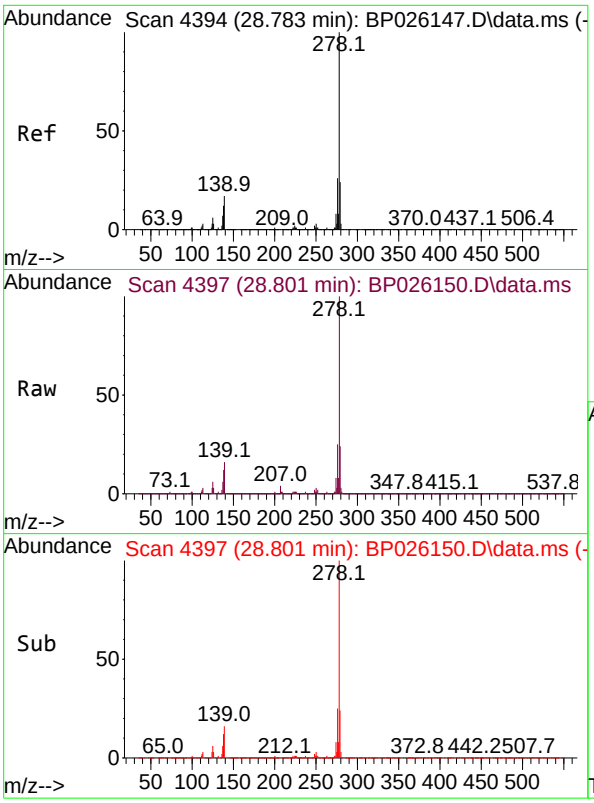




#90
Benzo(a)pyrene
Concen: 79.216 ng
RT: 24.765 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp:10207772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.4 | 26.2 |
| 125 | 11.0 | 9.0 | 13.6 |

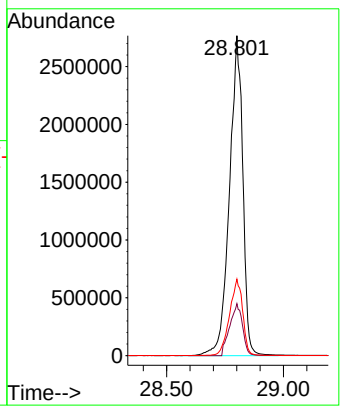





#91
Dibenzo(a,h)anthracene
Concen: 80.721 ng
RT: 28.801 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:278 Resp:1101203

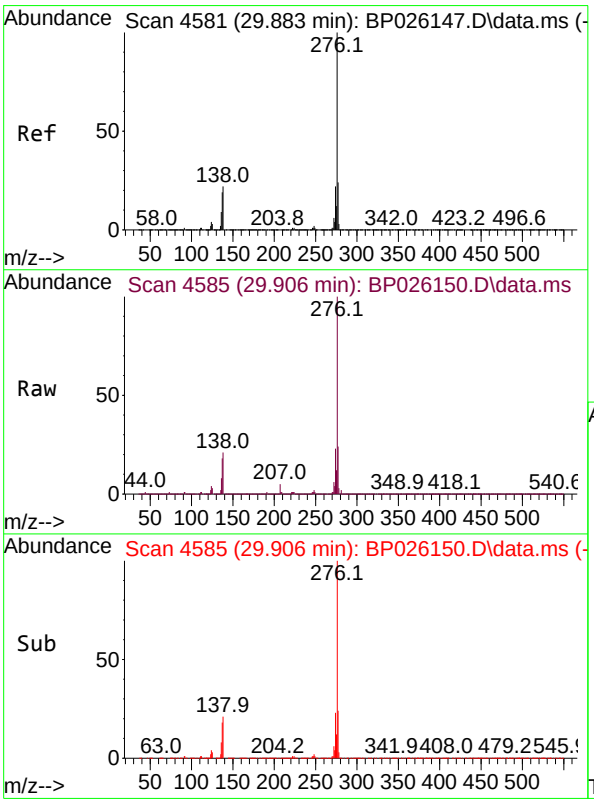
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.2 | 13.2 | 19.8 |
| 279 | 23.9 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations**
**APPROVED**

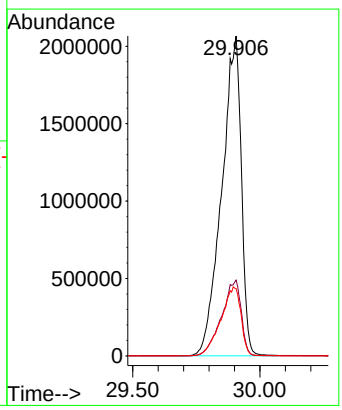
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 81.458 ng
RT: 29.906 min Scan# 4585
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:276 Resp:11030115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 18.8 | 28.2 |
| 138 | 21.0 | 17.8 | 26.6 |



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.672 | 152 | 361595 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.443 | 136 | 1582932 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.319 | 164 | 1060115 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.131 | 188 | 2119946 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.577 | 240 | 2196318 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.907 | 264 | 2586780 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.290 | 112 | 1800651 | 79.929 | ng | | 0.00 |
| 7) Phenol-d6 | 6.855 | 99 | 2411815 | 84.094 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.813 | 82 | 2249363 | 80.717 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.831 | 330 | 1107358 | 80.522 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.925 | 172 | 5498471 | 76.016 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.872 | 244 | 8445903 | 78.411 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 343507 | 37.593 | ng | | 100 |
| 3) Pyridine | 3.614 | 79 | 1054187 | 39.921 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 394191 | 39.942 | ng | | 97 |
| 6) Aniline | 7.002 | 93 | 1580563 | 41.740 | ng | | 98 |
| 8) 2-Chlorophenol | 7.243 | 128 | 1055115 | 41.146 | ng | | 99 |
| 9) Benzaldehyde | 6.819 | 77 | 685617 | 45.618 | ng | | 100 |
| 10) Phenol | 6.878 | 94 | 1299478 | 42.060 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.102 | 93 | 993460 | 41.067 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.566 | 146 | 1093655 | 39.587 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.708 | 146 | 1106341 | 39.742 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.019 | 146 | 1083058 | 40.516 | ng | | 99 |
| 15) Benzyl Alcohol | 7.908 | 79 | 891170 | 42.414 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.202 | 45 | 1385943 | 40.794 | ng | | 99 |
| 17) 2-Methylphenol | 8.108 | 107 | 894546 | 42.532 | ng | | 100 |
| 18) Hexachloroethane | 8.743 | 117 | 409876 | 40.466 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.472 | 70 | 771683 | 43.311 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.437 | 107 | 1238228 | 42.486 | ng | | 100 |
| 22) Acetophenone | 8.484 | 105 | 1599641 | 39.758 | ng | # | 99 |
| 24) Nitrobenzene | 8.855 | 77 | 1132232 | 40.166 | ng | | 98 |
| 25) Isophorone | 9.384 | 82 | 2283034 | 41.325 | ng | | 99 |
| 26) 2-Nitrophenol | 9.555 | 139 | 600692 | 42.113 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.625 | 122 | 1044113 | 40.595 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.854 | 93 | 1398232 | 40.412 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.096 | 162 | 1058748 | 41.185 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.302 | 180 | 1034416 | 39.515 | ng | | 98 |
| 31) Naphthalene | 10.496 | 128 | 3382899 | 39.543 | ng | | 99 |
| 32) Benzoic acid | 9.778 | 122 | 916813 | 42.328 | ng | | 100 |
| 33) 4-Chloroaniline | 10.590 | 127 | 1497158 | 41.152 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.790 | 225 | 663620 | 38.979 | ng | | 99 |
| 35) Caprolactam | 11.390 | 113 | 386416 | 41.978 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.731 | 107 | 1169352 | 42.798 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.107 | 142 | 2480618 | 40.901 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.325 | 142 | 2436446 | 41.101 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.490 | 216 | 1239031 | 38.653 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.472 | 237 | 827636 | 39.451 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.725 | 196 | 889628 | 40.482 | ng | | 100 |

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.801 | 196 | 986131 | 40.200 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.137 | 154 | 3104503 | 38.891 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.178 | 162 | 2436522 | 38.816 | ng | 100 |
| 48) 2-Nitroaniline | 13.366 | 65 | 731047 | 41.880 | ng | 94 |
| 49) Acenaphthylene | 14.031 | 152 | 4108111 | 39.676 | ng | 99 |
| 50) Dimethylphthalate | 13.766 | 163 | 3116904 | 39.365 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.878 | 165 | 675339 | 43.045 | ng | 100 |
| 52) Acenaphthene | 14.378 | 154 | 2361523 | 38.919 | ng | 99 |
| 53) 3-Nitroaniline | 14.213 | 138 | 782672 | 42.369 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.419 | 184 | 403157 | 42.569 | ng | 98 |
| 55) Dibenzofuran | 14.719 | 168 | 3668770 | 39.037 | ng | 100 |
| 56) 4-Nitrophenol | 14.531 | 139 | 673671 | 40.312 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.684 | 165 | 997423 | 42.577 | ng | 99 |
| 58) Fluorene | 15.389 | 166 | 2894223 | 38.962 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.954 | 232 | 846319 | 40.668 | ng | 100 |
| 60) Diethylphthalate | 15.160 | 149 | 3115428 | 39.059 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.384 | 204 | 1437111 | 38.882 | ng | 100 |
| 62) 4-Nitroaniline | 15.401 | 138 | 780732 | 40.700 | ng | 99 |
| 63) Azobenzene | 15.684 | 77 | 2678923 | 39.832 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.460 | 198 | 568324 | 42.199 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.607 | 169 | 2623713 | 40.009 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.301 | 248 | 960730 | 40.921 | ng | 99 |
| 68) Hexachlorobenzene | 16.419 | 284 | 1097761 | 40.295 | ng | 96 |
| 69) Atrazine | 16.589 | 200 | 985277 | 39.843 | ng | 99 |
| 70) Pentachlorophenol | 16.772 | 266 | 775987 | 40.719 | ng | 99 |
| 71) Phenanthrene | 17.178 | 178 | 4768475 | 39.930 | ng | 100 |
| 72) Anthracene | 17.266 | 178 | 4875395 | 40.026 | ng | 99 |
| 73) Carbazole | 17.536 | 167 | 4601692 | 39.777 | ng | 100 |
| 74) Di-n-butylphthalate | 18.154 | 149 | 5331384 | 38.873 | ng | 100 |
| 75) Fluoranthene | 19.260 | 202 | 5678696 | 39.137 | ng | 100 |
| 77) Benzidine | 19.466 | 184 | 2769880 | 39.739 | ng | 99 |
| 78) Pyrene | 19.636 | 202 | 5858930 | 40.685 | ng | 99 |
| 80) Butylbenzylphthalate | 20.613 | 149 | 2485794 | 39.196 | ng | 99 |
| 81) Benzo(a)anthracene | 21.560 | 228 | 5995605 | 39.748 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.483 | 252 | 2205669 | 40.210 | ng | 98 |
| 83) Chrysene | 21.624 | 228 | 5679377 | 39.951 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 3741593 | 38.974 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.807 | 149 | 6475670 | 38.576 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.701 | 276 | 7731323m | 39.852 | ng | |
| 88) Benzo(b)fluoranthene | 23.860 | 252 | 6338827 | 40.239 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.936 | 252 | 6104845 | 38.799 | ng | 100 |
| 90) Benzo(a)pyrene | 24.754 | 252 | 5947125 | 39.855 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.783 | 278 | 6347656 | 39.970 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 29.859 | 276 | 6346496 | 40.207 | ng | 100 |

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

ICAL Form

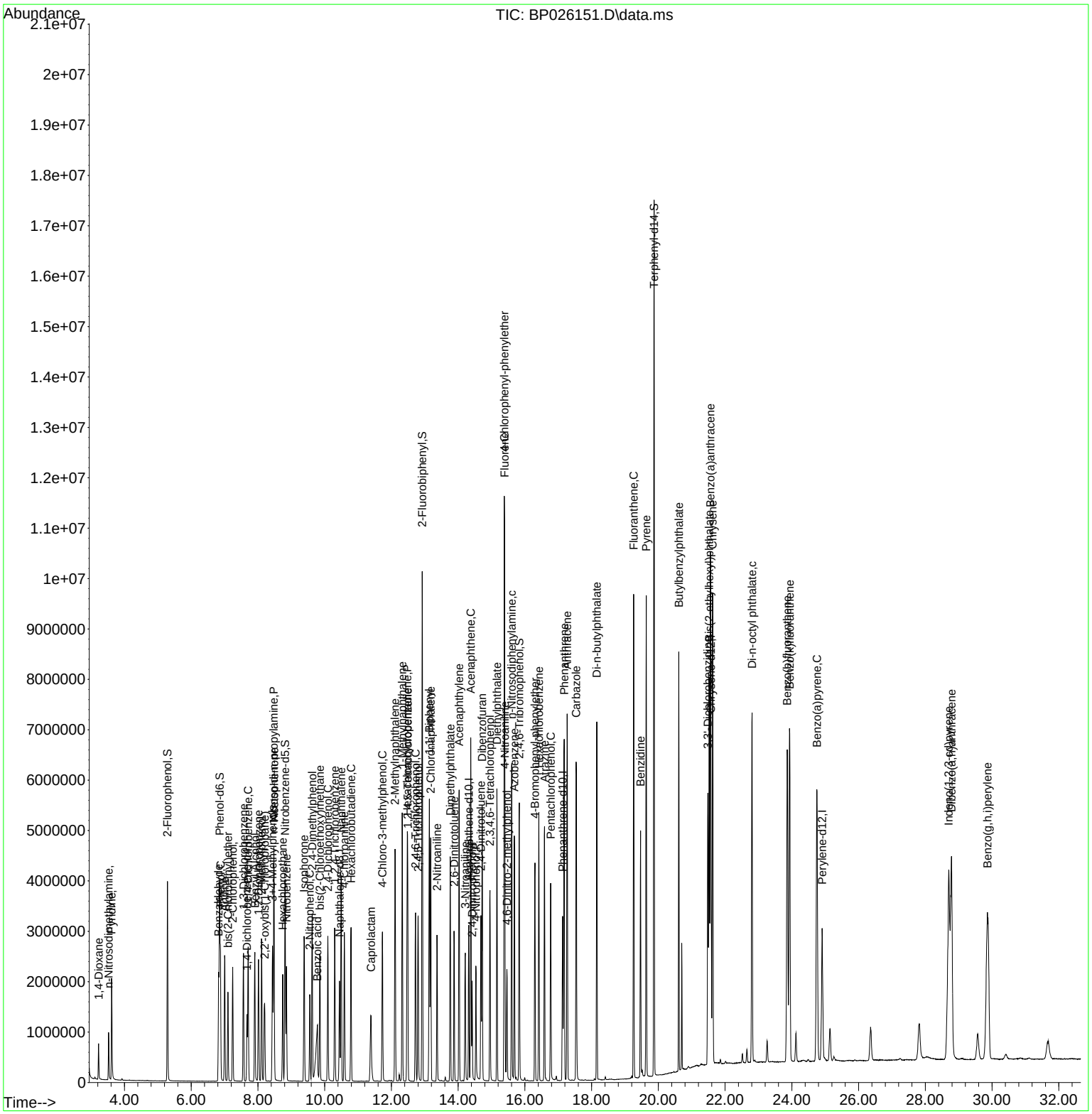
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

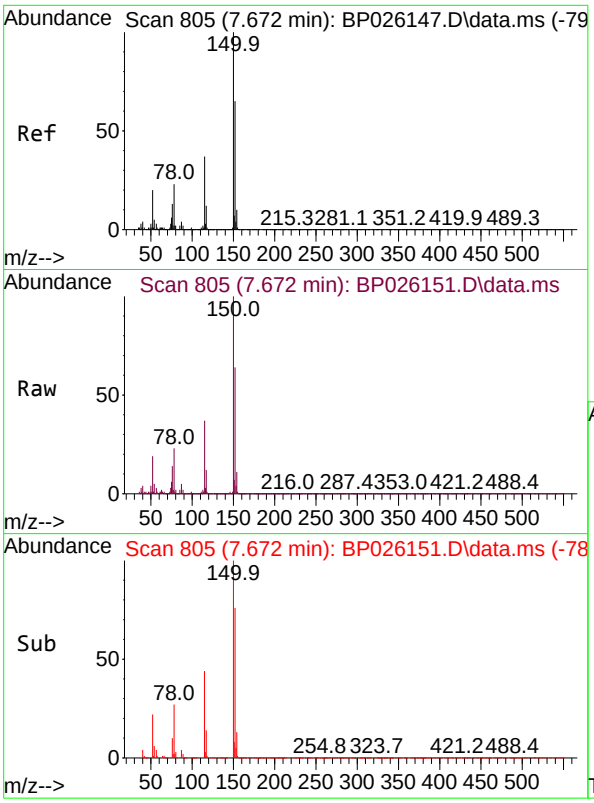
Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

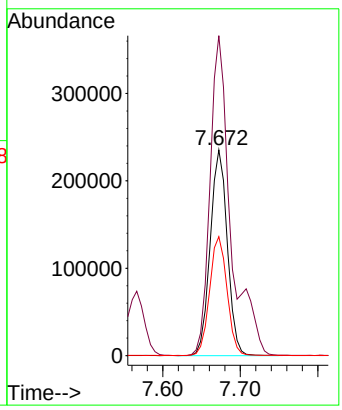





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:152 Resp: 36159

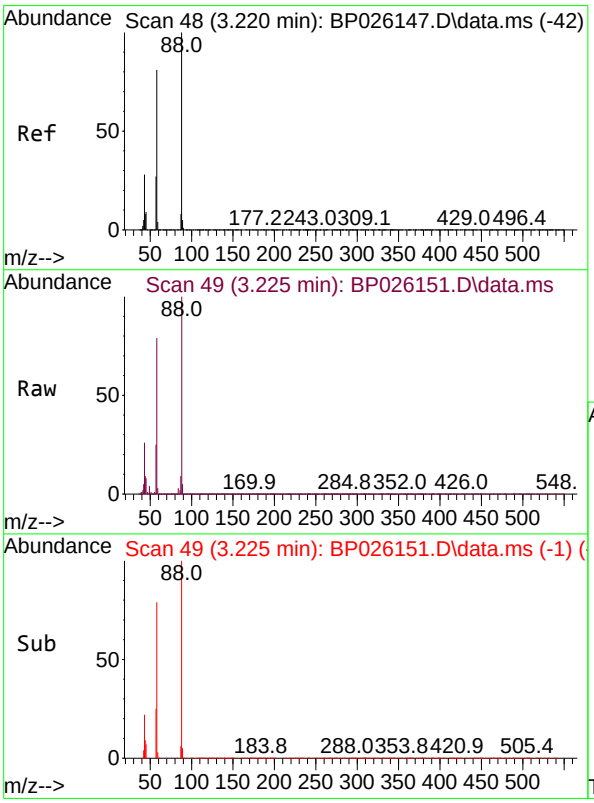
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 123.0 | 184.6 |
| 115 | 57.9 | 46.3 | 69.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

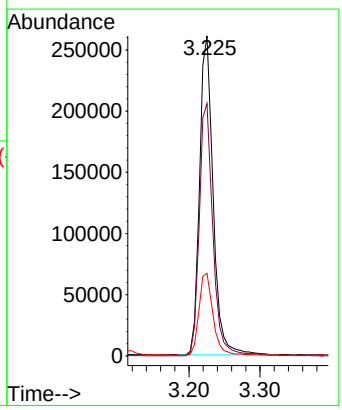
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

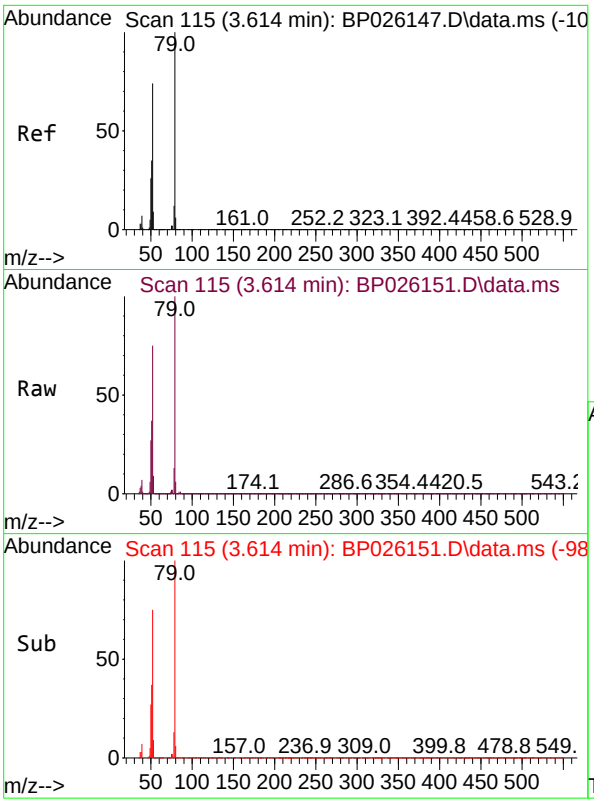



#2
1,4-Dioxane
Concen: 37.593 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 88 Resp: 343507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.0 | 64.2 | 96.4 |
| 43 | 26.8 | 21.5 | 32.3 |

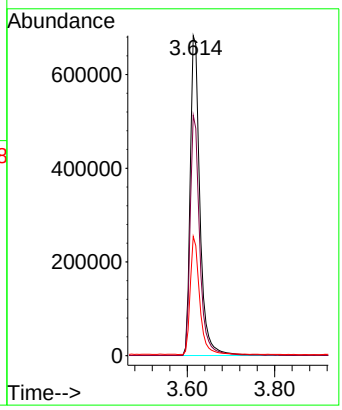





#3
Pyridine
Concen: 39.921 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 79 Resp: 105418

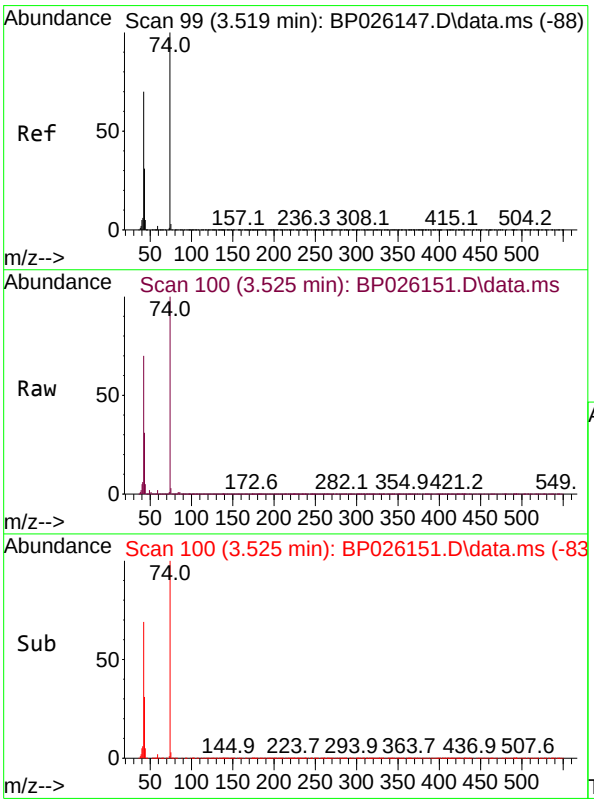
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 75.1 | 60.2 | 90.2 |
| 51 | 37.2 | 29.5 | 44.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

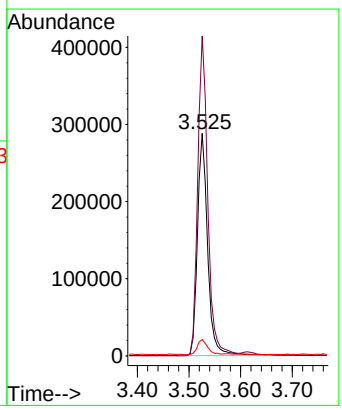
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

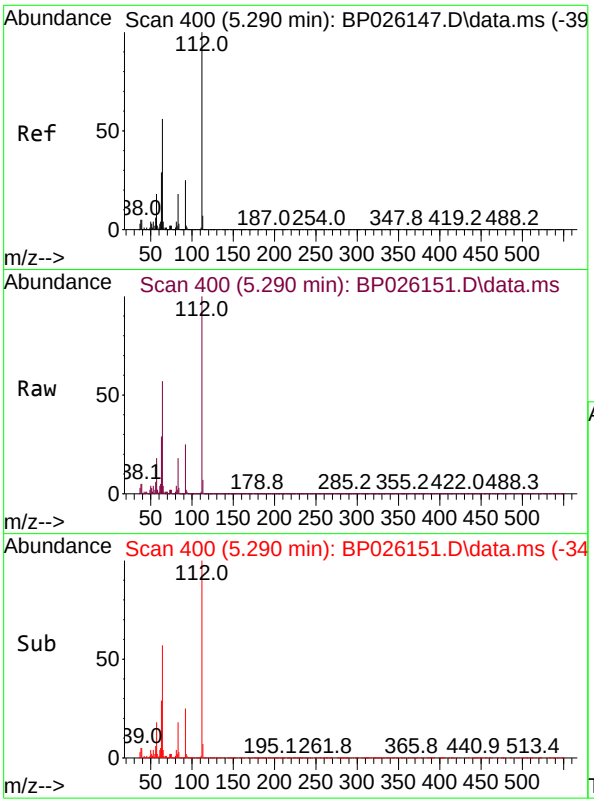



#4
n-Nitrosodimethylamine
Concen: 39.942 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 42 Resp: 394191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.8 | 118.1 | 177.1 |
| 44 | 7.3 | 6.2 | 9.4 |

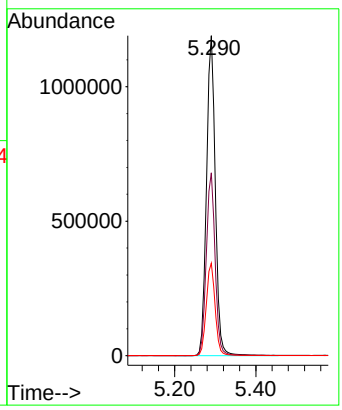





#5
2-Fluorophenol
Concen: 79.929 ng
RT: 5.290 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:112 Resp: 180651

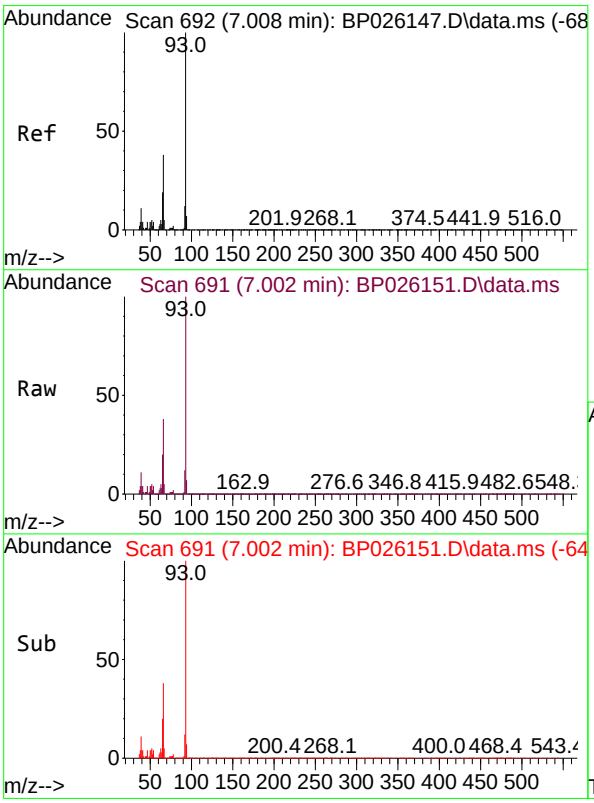
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.1 | 45.8 | 68.6 |
| 63 | 28.9 | 23.5 | 35.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

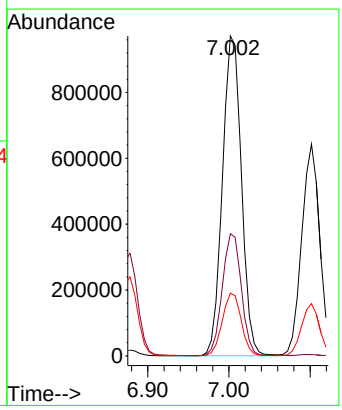
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

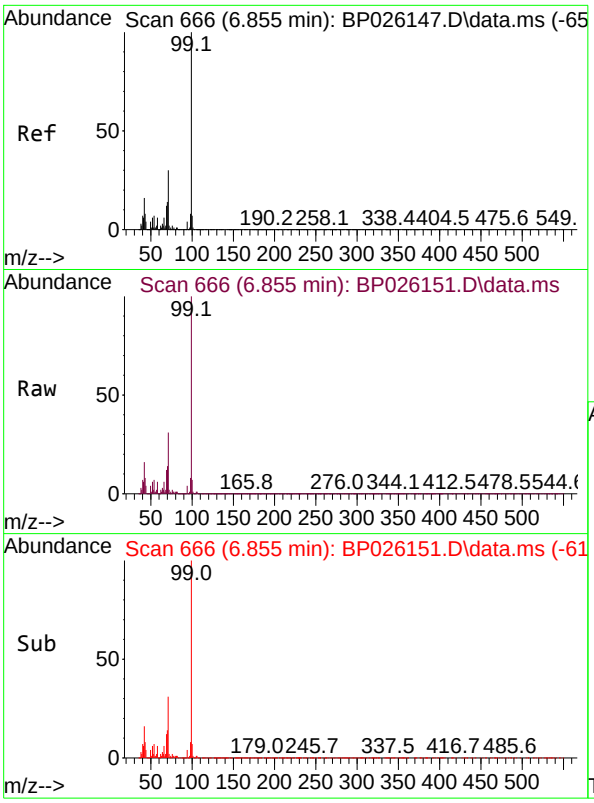



#6
Aniline
Concen: 41.740 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 1580563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.2 | 31.7 | 47.5 |
| 65 | 19.6 | 15.8 | 23.6 |

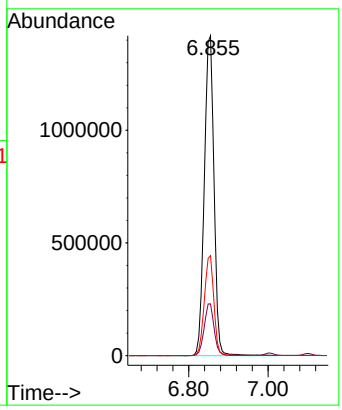





#7
Phenol-d6
Concen: 84.094 ng
RT: 6.855 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 99 Resp: 241181

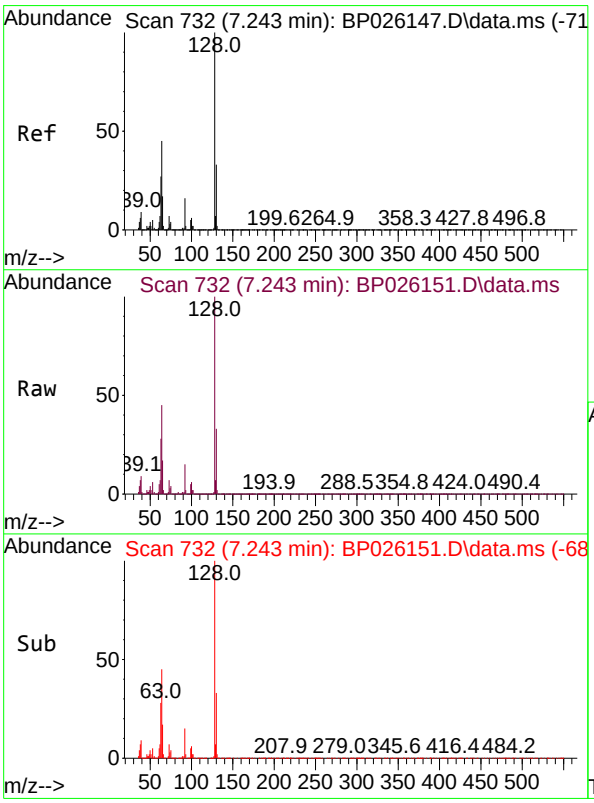
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.2 | 12.9 | 19.3 |
| 71 | 31.2 | 24.8 | 37.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

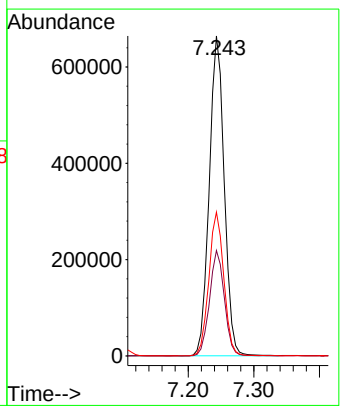
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

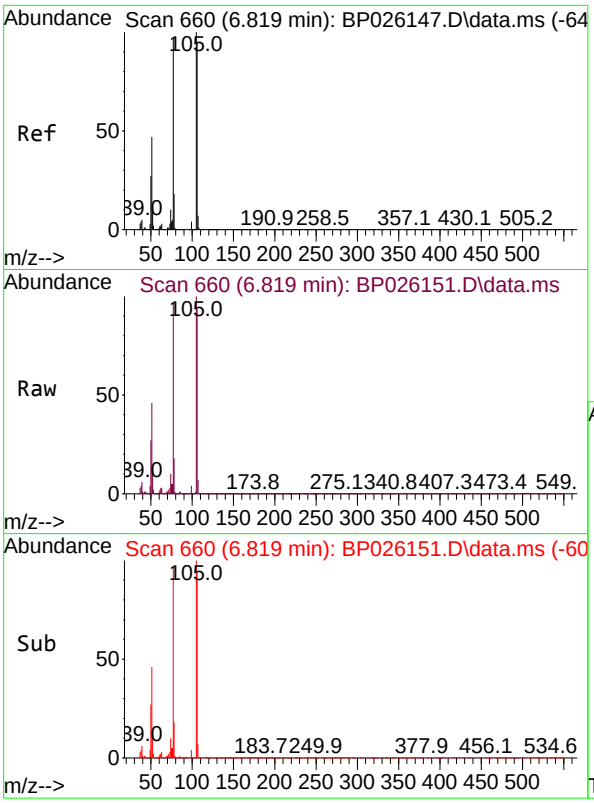



#8
2-Chlorophenol
Concen: 41.146 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:128 Resp: 1055115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.4 | 52.4 |
| 64 | 44.9 | 23.9 | 63.9 |

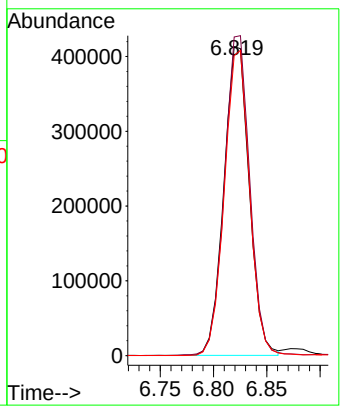





#9
Benzaldehyde
Concen: 45.618 ng
RT: 6.819 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 77 Resp: 68561

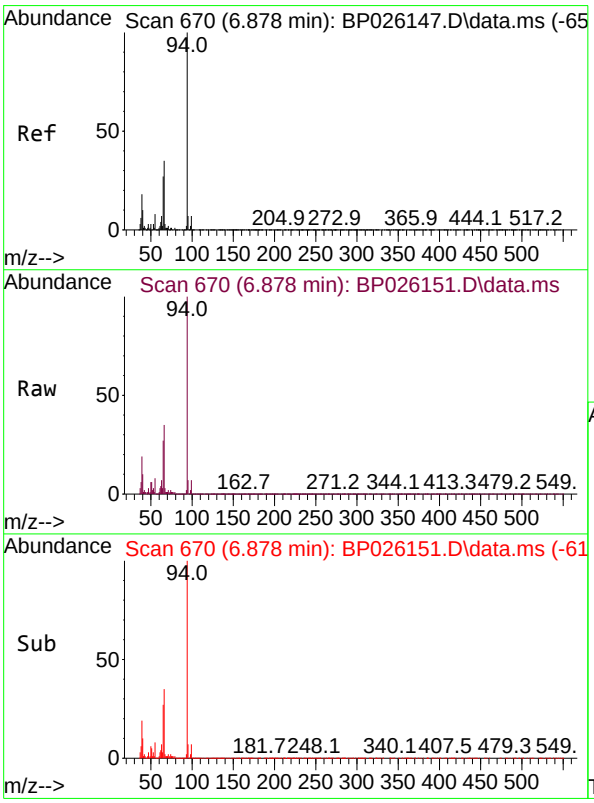
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.2 | 82.9 | 122.9 |
| 106 | 97.1 | 77.8 | 117.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

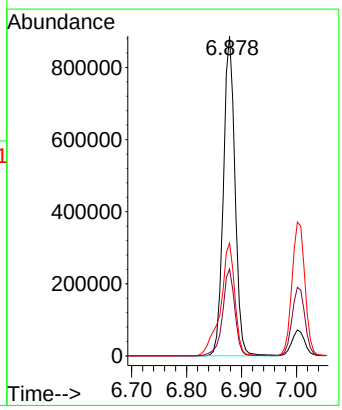
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

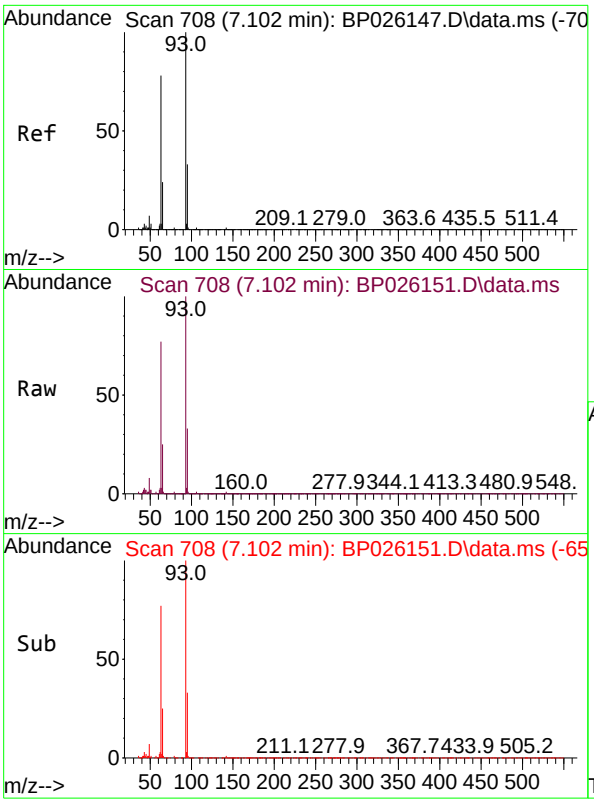



#10
Phenol
Concen: 42.060 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 94 Resp: 1299478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.1 | 7.0 | 47.0 |
| 66 | 35.2 | 14.5 | 54.5 |

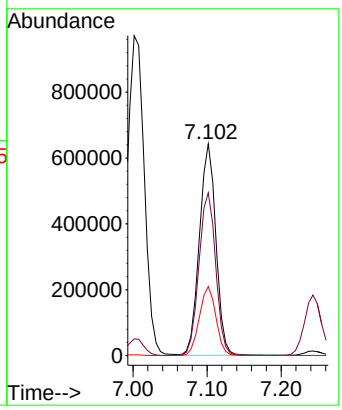





#11
bis(2-Chloroethyl)ether
Concen: 41.067 ng
RT: 7.102 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 99346

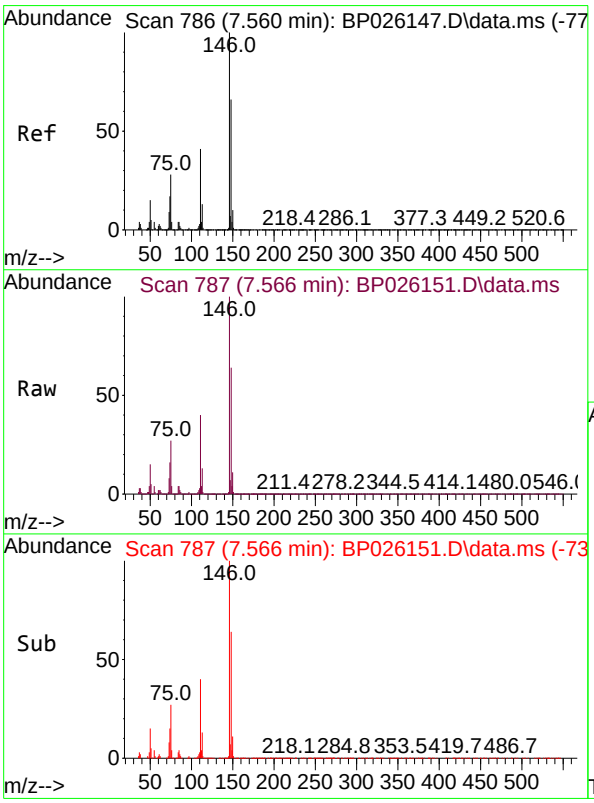
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.9 | 58.8 | 98.8 |
| 95 | 32.6 | 12.1 | 52.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

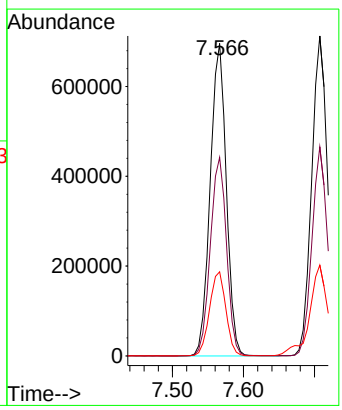
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

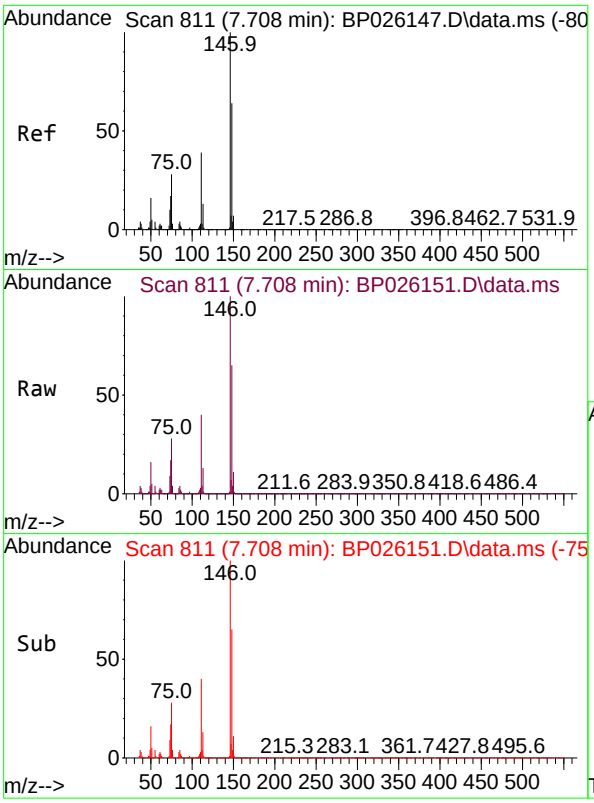



#12
1,3-Dichlorobenzene
Concen: 39.587 ng
RT: 7.566 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:146 Resp: 1093655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 51.8 | 77.8 |
| 75 | 26.9 | 22.2 | 33.2 |






#13
1,4-Dichlorobenzene
Concen: 39.742 ng
RT: 7.708 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

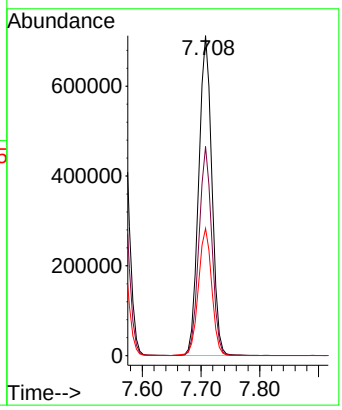
Tgt Ion:146 Resp: 110634

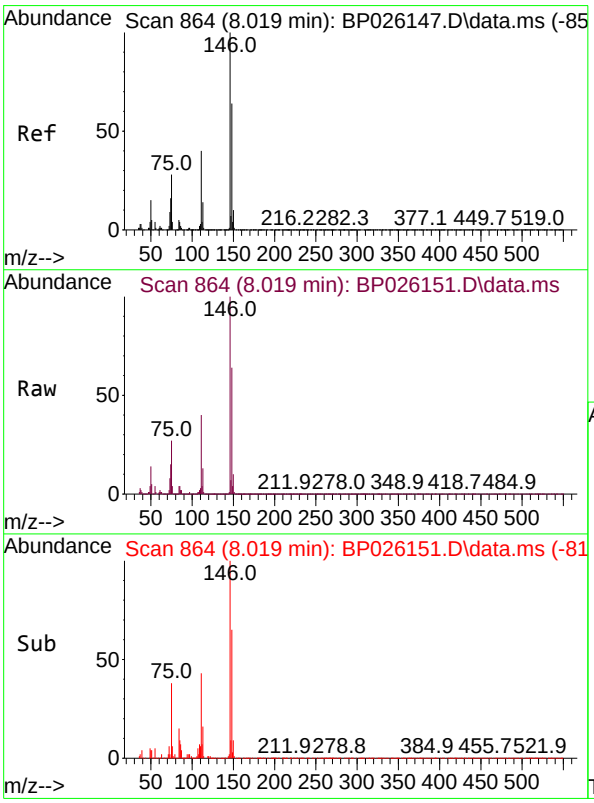
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 51.4 | 77.2 |
| 111 | 39.7 | 31.7 | 47.5 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

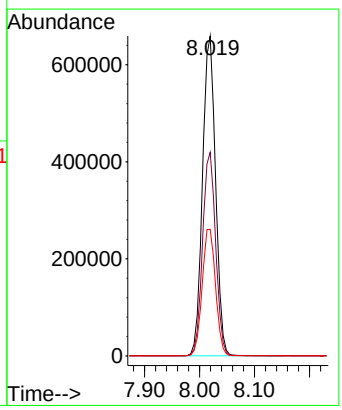


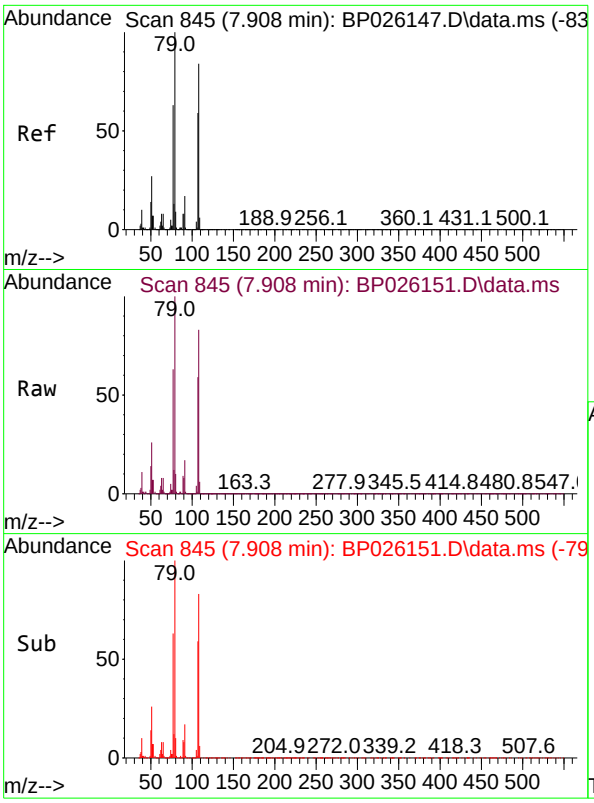




#14
1,2-Dichlorobenzene
Concen: 40.516 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:146 Resp: 1083058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 51.0 | 76.6 |
| 111 | 39.5 | 33.0 | 49.4 |






#15
Benzyl Alcohol
Concen: 42.414 ng
RT: 7.908 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

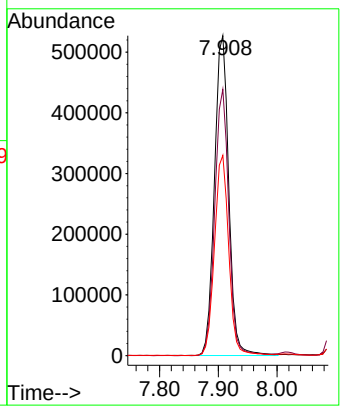
**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

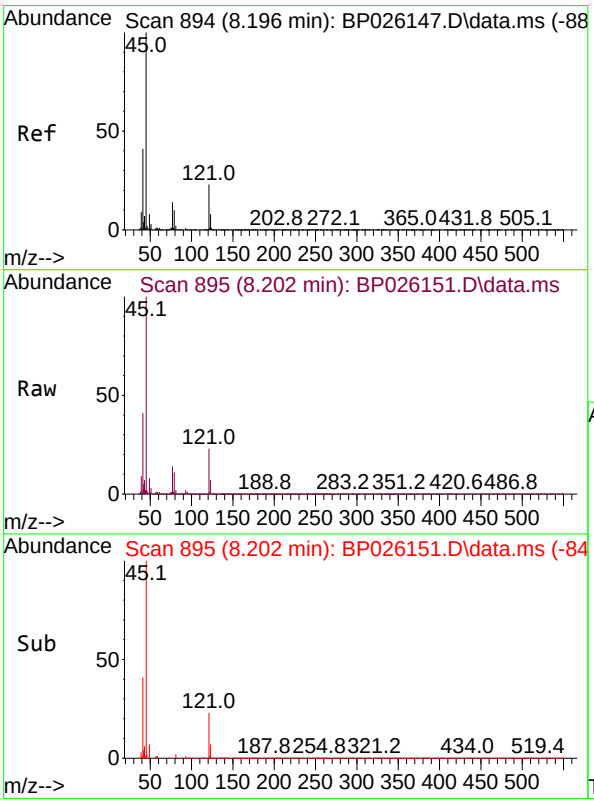
Tgt Ion: 79 Resp: 89117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 83.2 | 66.2 | 99.4 |
| 77 | 62.6 | 50.0 | 75.0 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

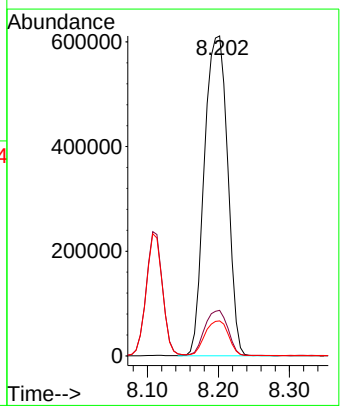


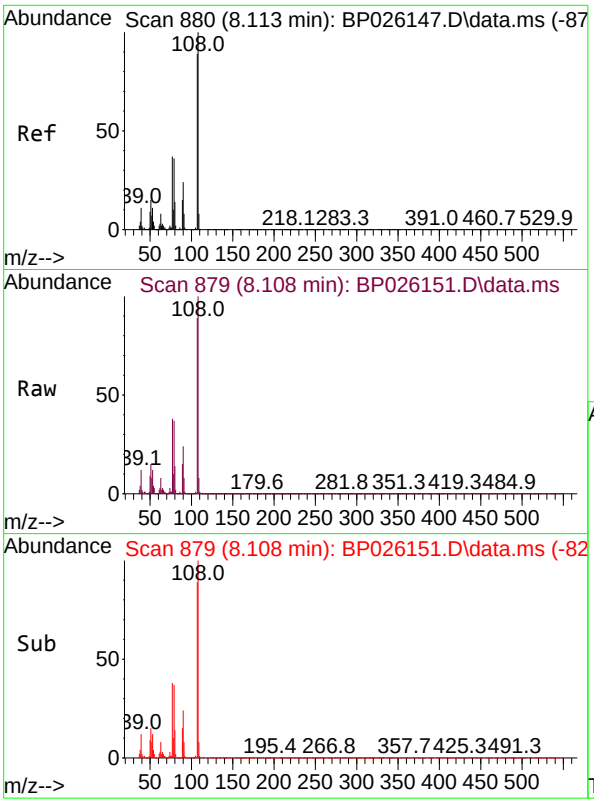




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.794 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 45 Resp: 1385943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.2 | 0.0 | 33.9 |
| 79 | 10.9 | 0.0 | 30.4 |

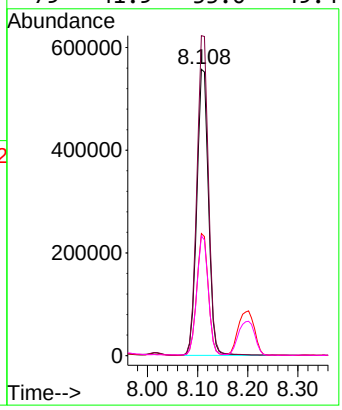





#17
2-Methylphenol
Concen: 42.532 ng
RT: 8.108 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 89454

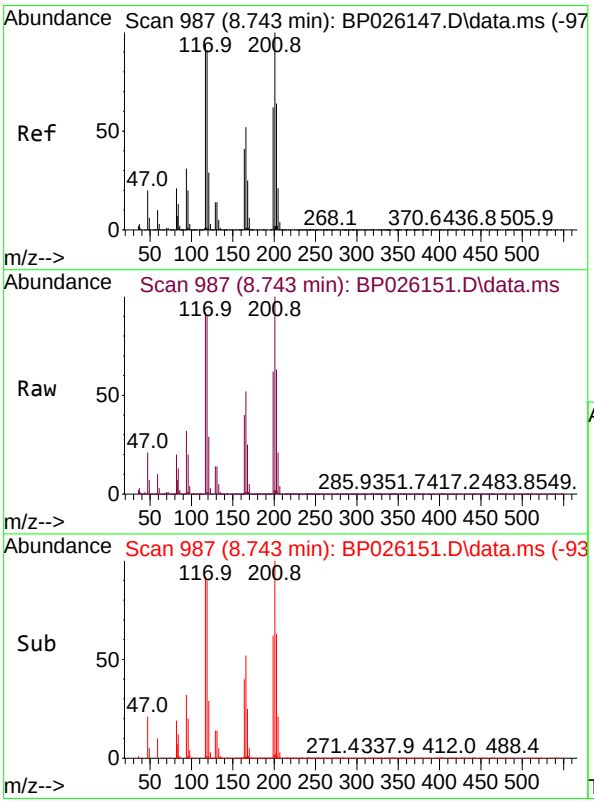
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.8 | 89.7 | 134.5 |
| 77 | 42.6 | 33.9 | 50.9 |
| 79 | 41.9 | 33.0 | 49.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

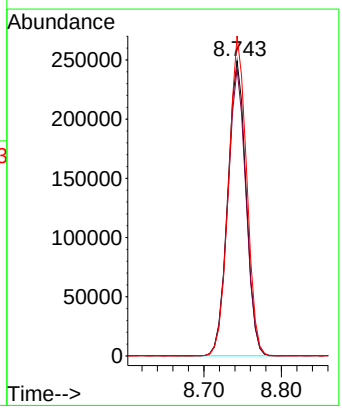
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

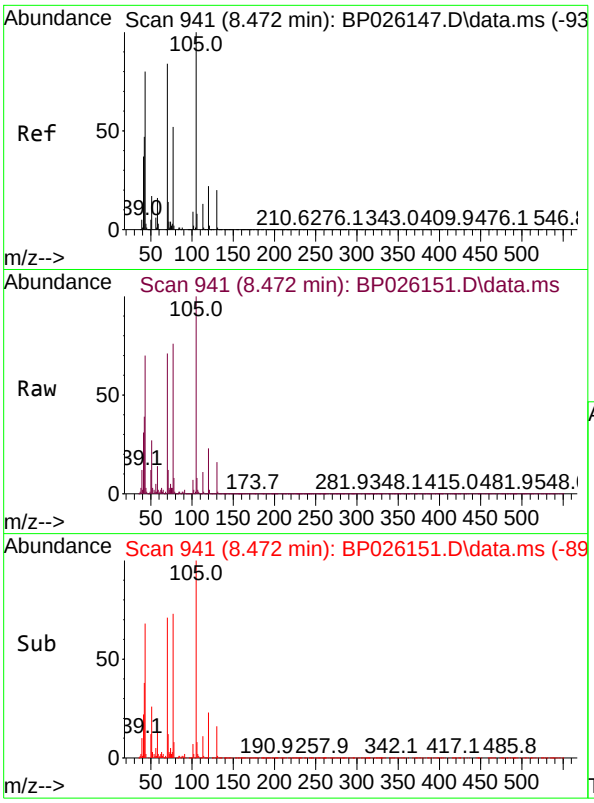



#18
Hexachloroethane
Concen: 40.466 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:117 Resp: 409876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.2 | 78.7 | 118.1 |
| 201 | 108.4 | 85.1 | 127.7 |

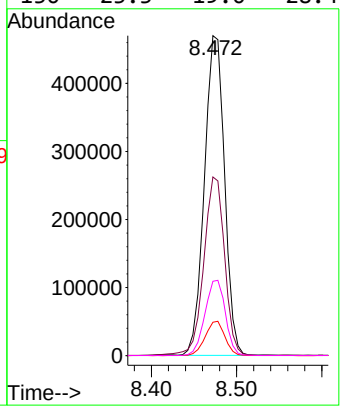





#19
n-Nitroso-di-n-propylamine
Concen: 43.311 ng
RT: 8.472 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 70 Resp: 77168

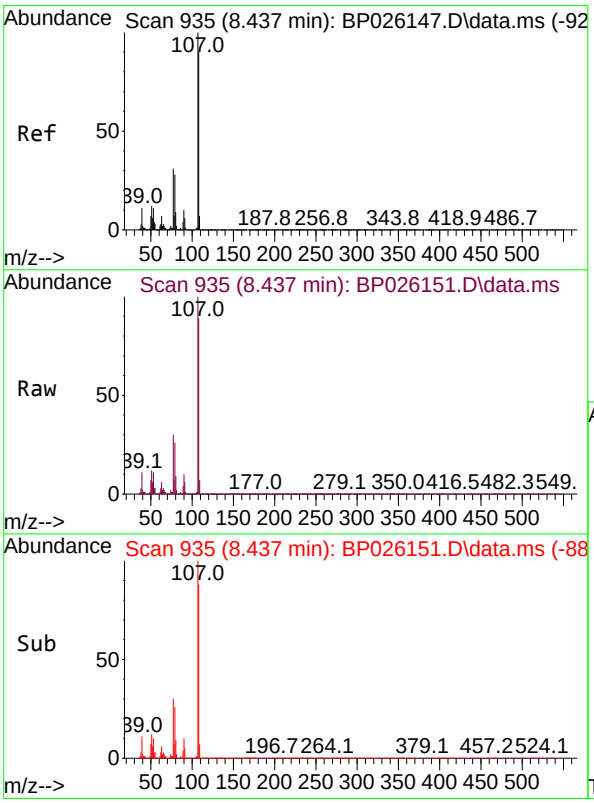
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.8 | 44.1 | 66.1 |
| 101 | 10.5 | 8.2 | 12.4 |
| 130 | 23.3 | 19.0 | 28.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

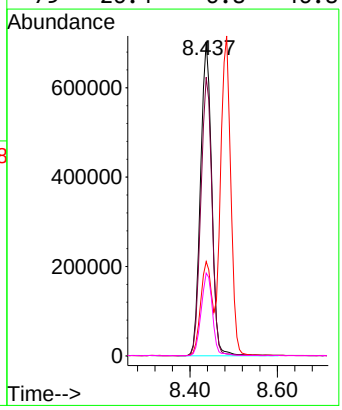
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

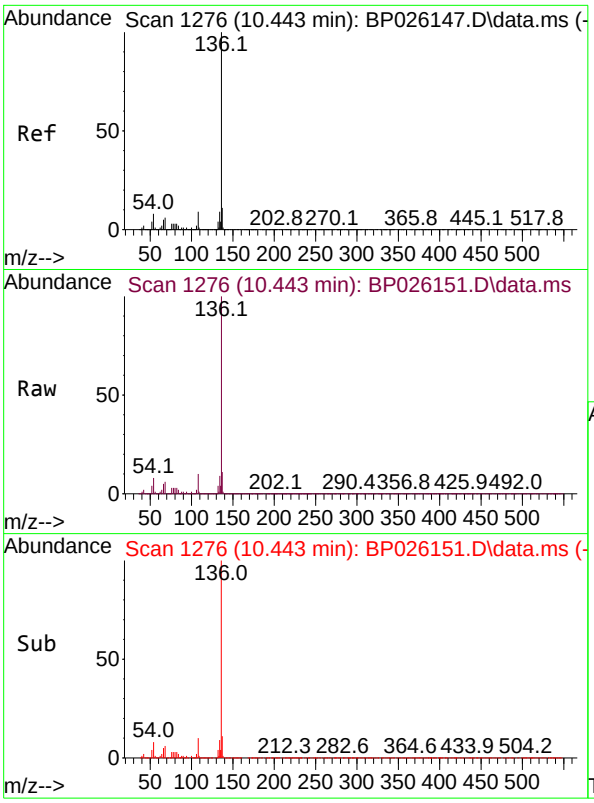



#20
3+4-Methylphenols
Concen: 42.486 ng
RT: 8.437 min Scan# 935
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 1238228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.8 | 68.9 | 108.9 |
| 77 | 30.0 | 10.4 | 50.4 |
| 79 | 26.4 | 6.8 | 46.8 |

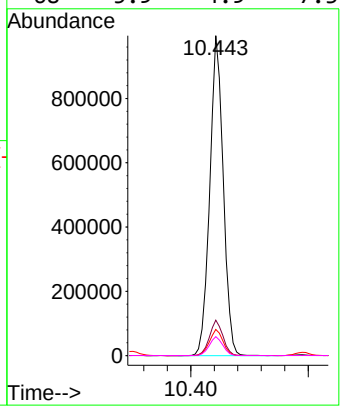





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:136 Resp: 158293

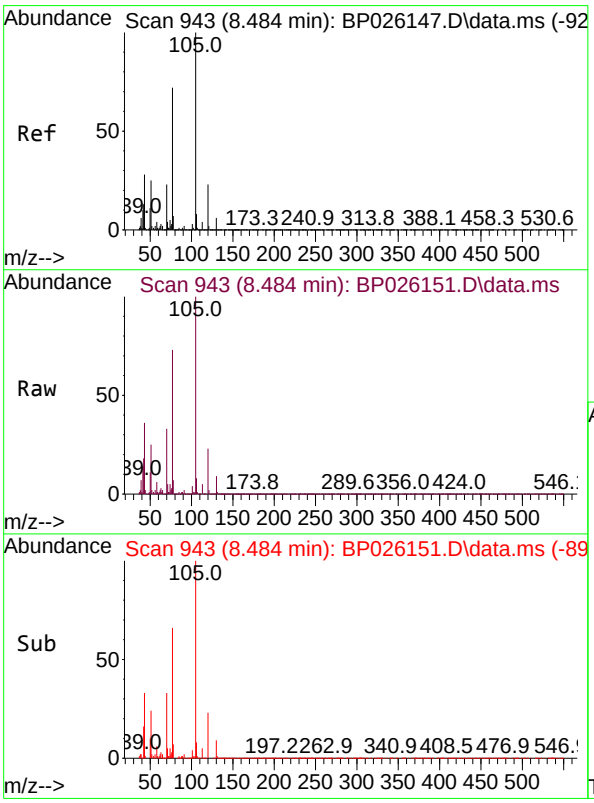
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 8.2 | 6.4 | 9.6 |
| 68 | 5.9 | 4.9 | 7.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

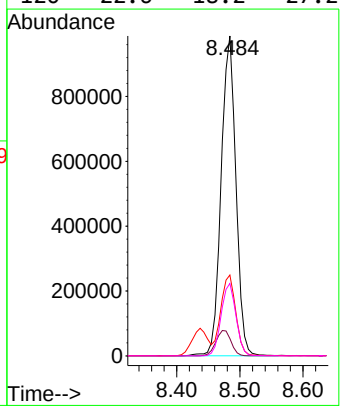
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

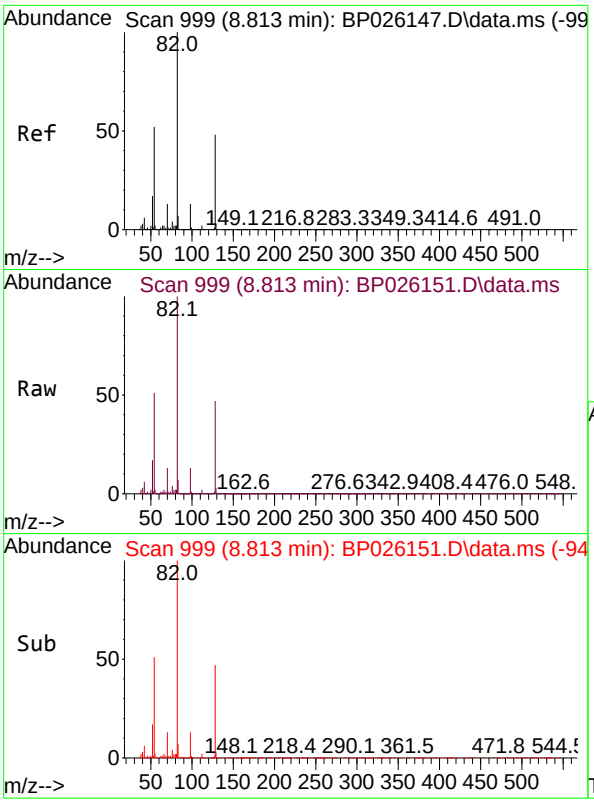



#22
Acetophenone
Concen: 39.758 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:105 Resp: 1599641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.4 | 3.0 | 4.4# |
| 51 | 25.3 | 20.5 | 30.7 |
| 120 | 22.6 | 18.2 | 27.2 |

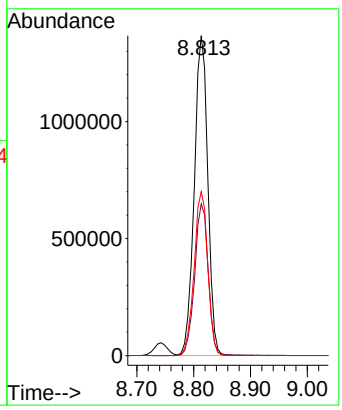





#23
Nitrobenzene-d5
Concen: 80.717 ng
RT: 8.813 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 82 Resp: 224936

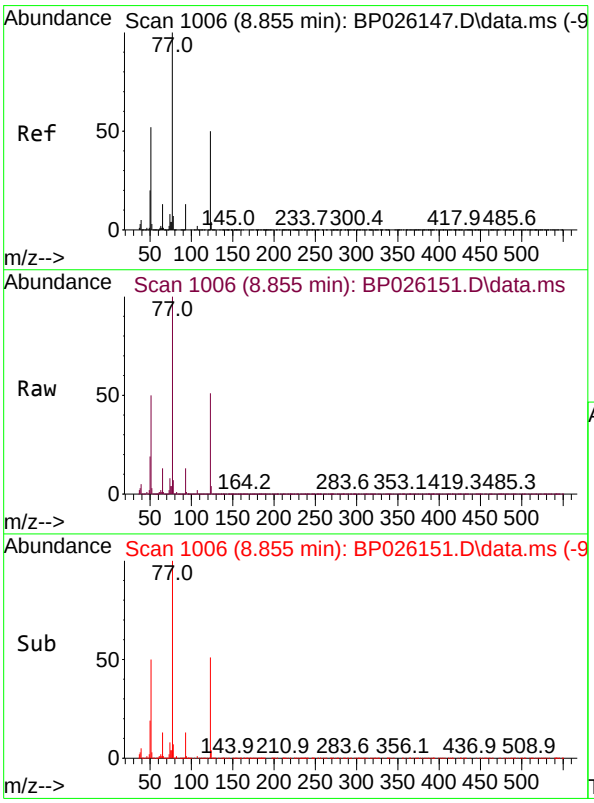
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.4 | 37.4 | 56.0 |
| 54 | 51.2 | 41.6 | 62.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

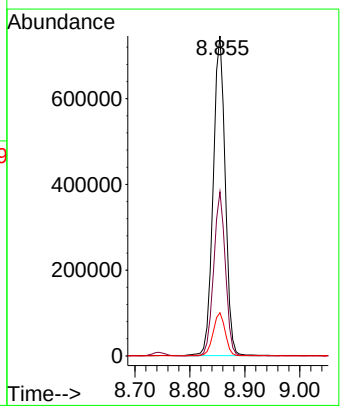
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

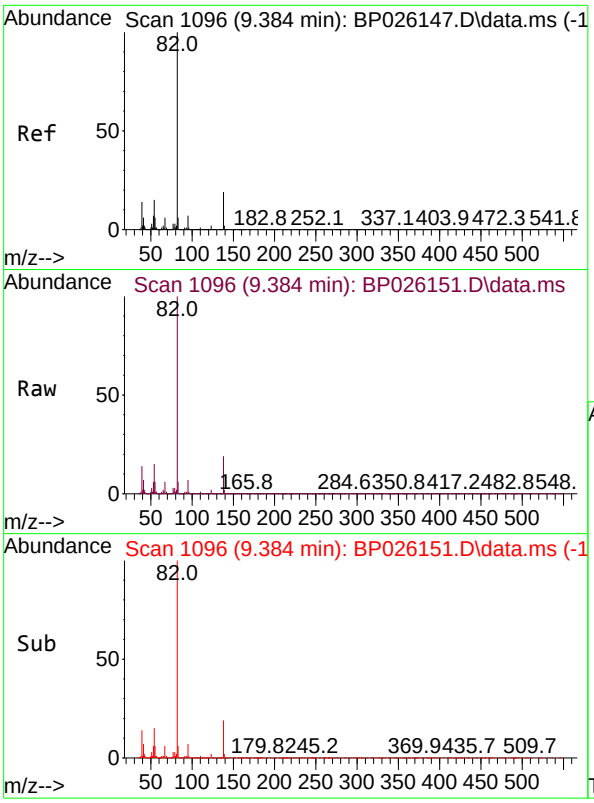



#24
Nitrobenzene
Concen: 40.166 ng
RT: 8.855 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 77 Resp: 1132232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 51.3 | 39.8 | 59.8 |
| 65 | 13.5 | 11.2 | 16.8 |

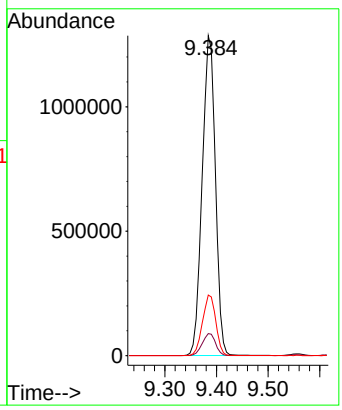





#25
Isophorone
Concen: 41.325 ng
RT: 9.384 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 82 Resp: 228303

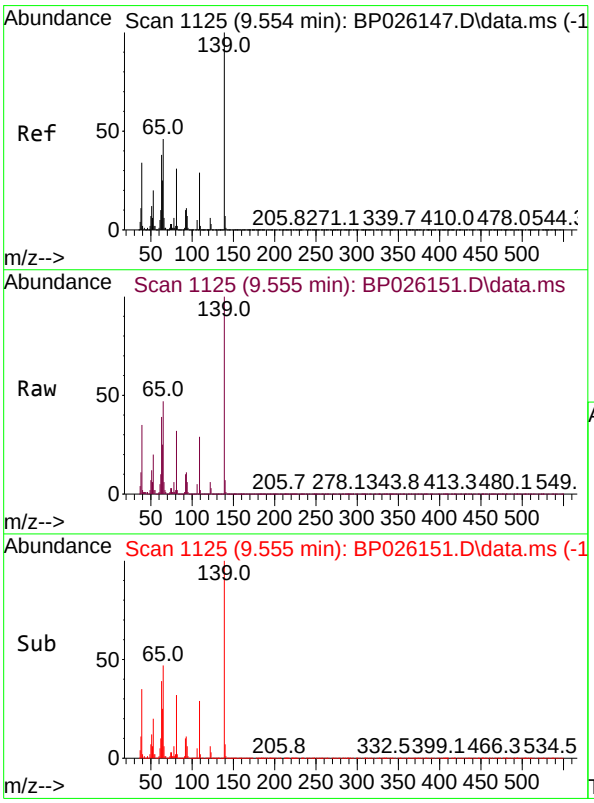
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.4 | 8.0 |
| 138 | 18.9 | 15.4 | 23.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

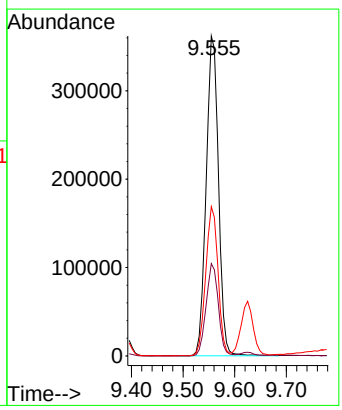
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

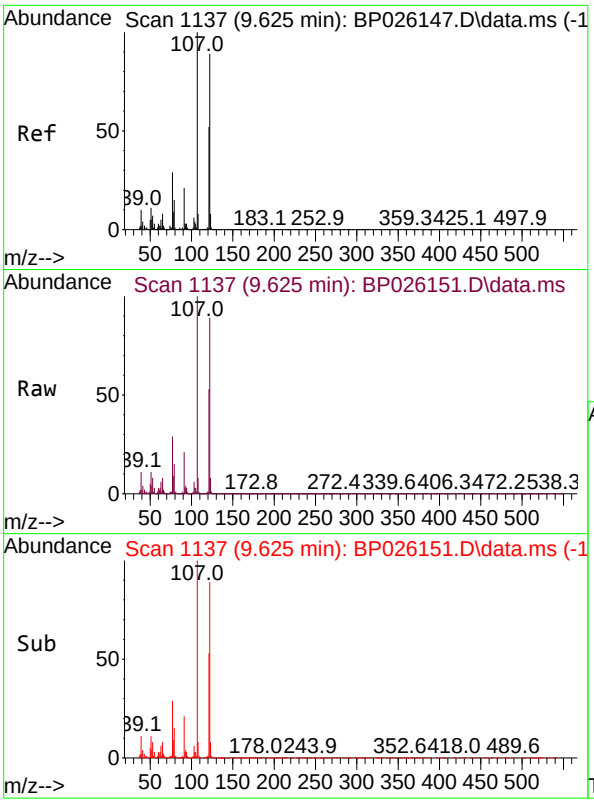



#26
2-Nitrophenol
Concen: 42.113 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:139 Resp: 600692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.8 | 22.3 | 33.5 |
| 65 | 46.7 | 37.2 | 55.8 |






#27
2,4-Dimethylphenol
Concen: 40.595 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

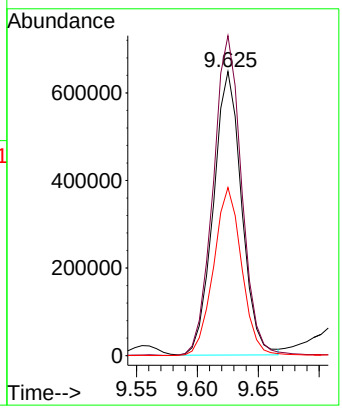
Tgt Ion:122 Resp: 104411

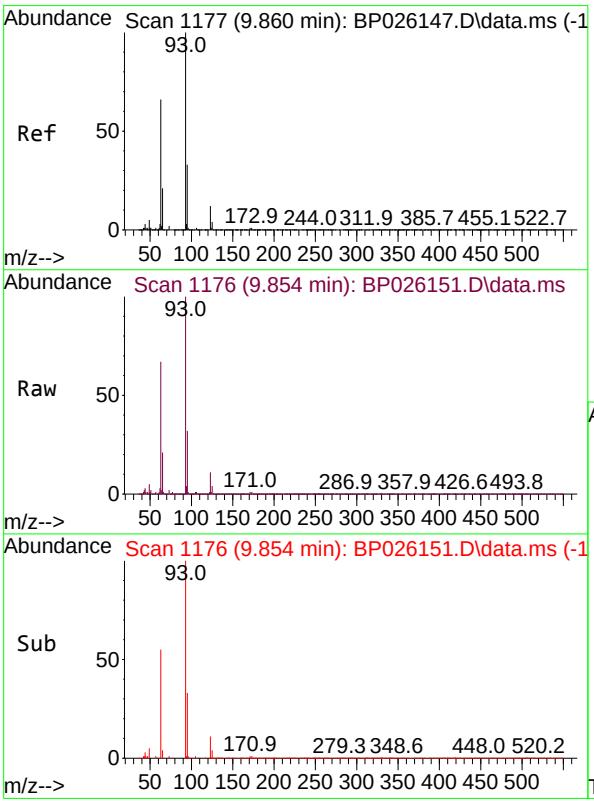
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.7 | 91.0 | 136.6 |
| 121 | 59.2 | 47.0 | 70.6 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

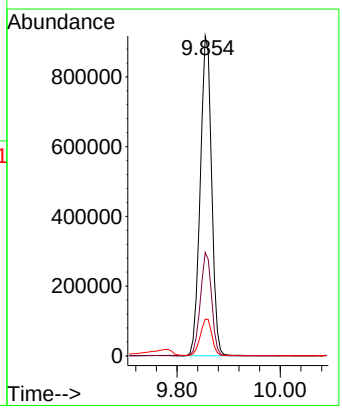


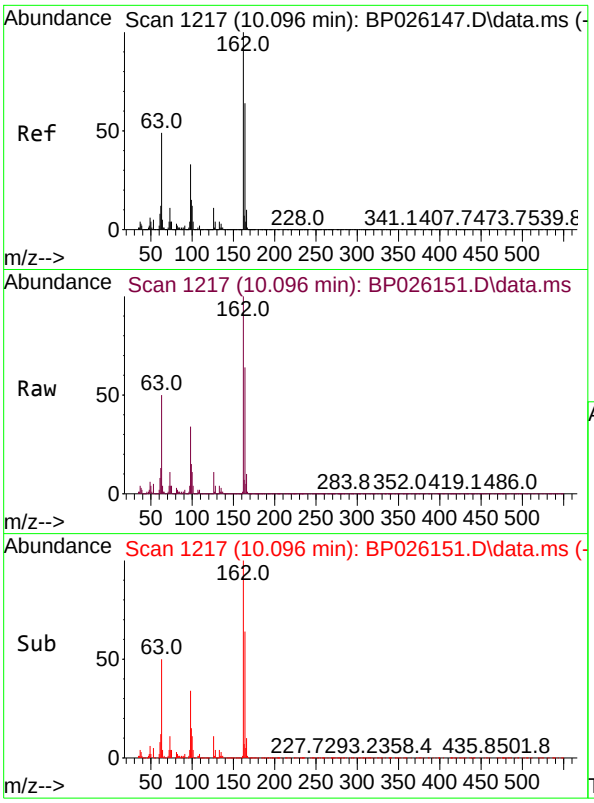




#28
bis(2-Chloroethoxy)methane
Concen: 40.412 ng
RT: 9.854 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 1398232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.4 | 39.6 |
| 123 | 11.5 | 9.4 | 14.0 |

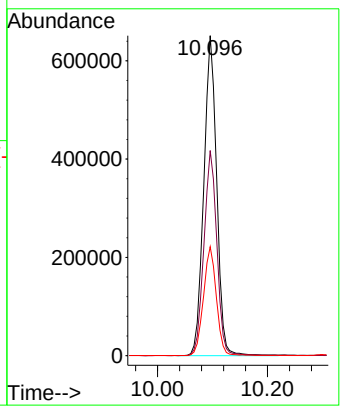





#29
2,4-Dichlorophenol
Concen: 41.185 ng
RT: 10.096 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:162 Resp: 105874

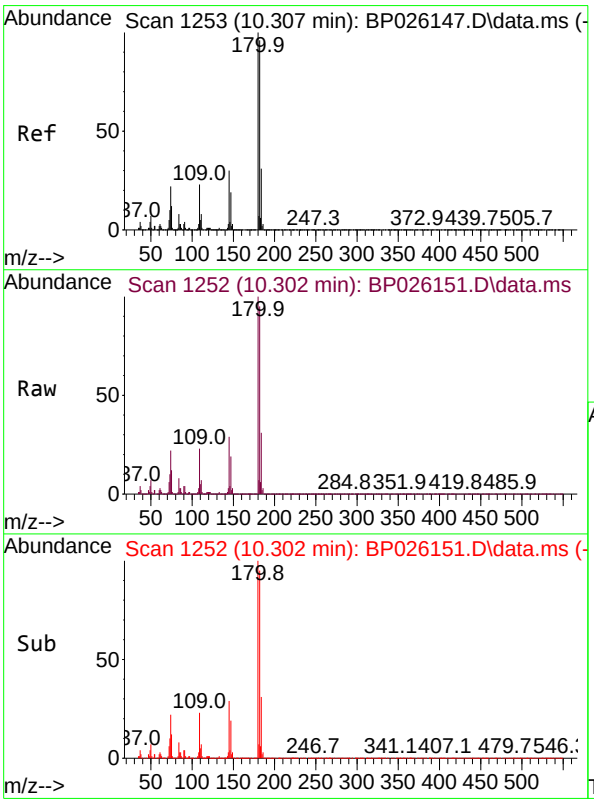
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 43.8 | 83.8 |
| 98 | 34.0 | 14.1 | 54.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

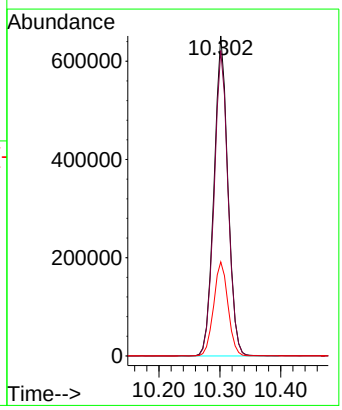
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

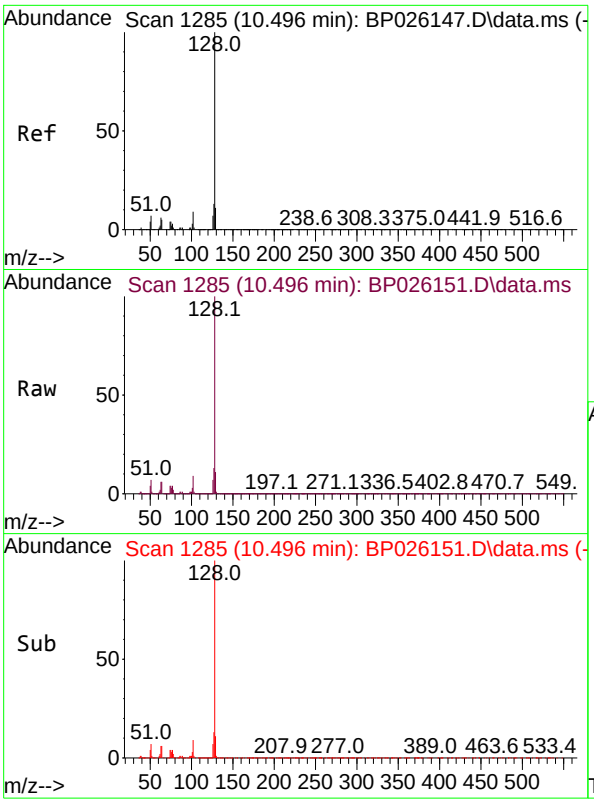



#30
1,2,4-Trichlorobenzene
Concen: 39.515 ng
RT: 10.302 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:180 Resp: 1034416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 78.1 | 117.1 |
| 145 | 29.4 | 24.2 | 36.4 |

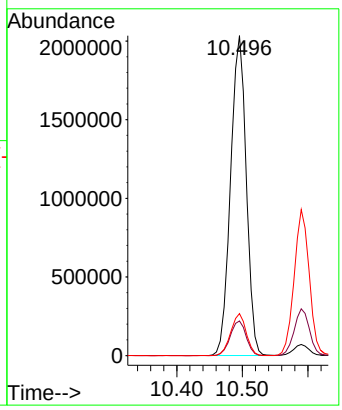





#31
Naphthalene
Concen: 39.543 ng
RT: 10.496 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:128 Resp: 3382899

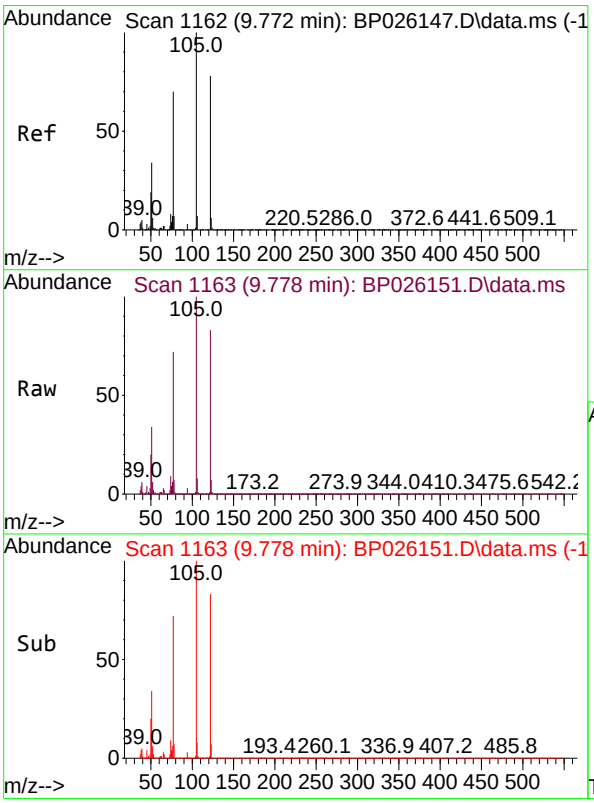
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 9.0 | 13.6 |
| 127 | 13.1 | 10.2 | 15.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

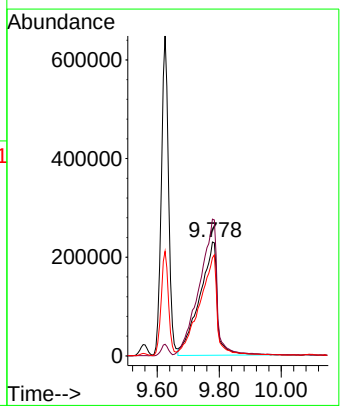
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

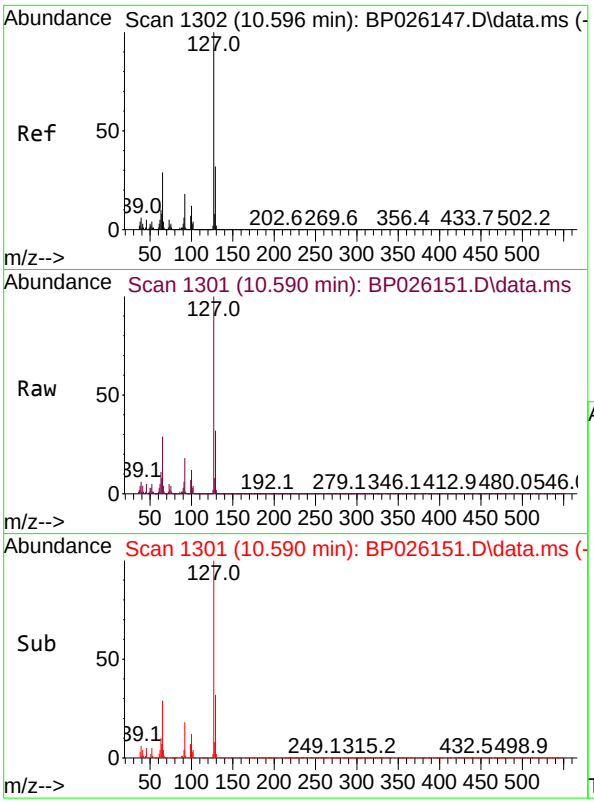



#32
Benzoic acid
Concen: 42.328 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:122 Resp: 916813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 120.1 | 100.1 | 140.1 |
| 77 | 86.2 | 66.7 | 106.7 |

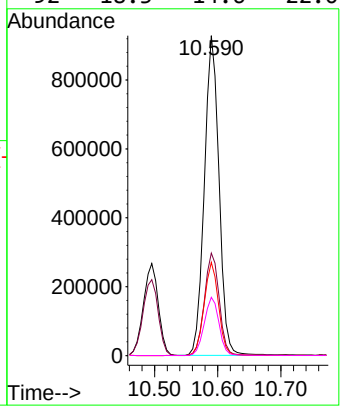





#33
4-Chloroaniline
Concen: 41.152 ng
RT: 10.590 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:127 Resp: 149715

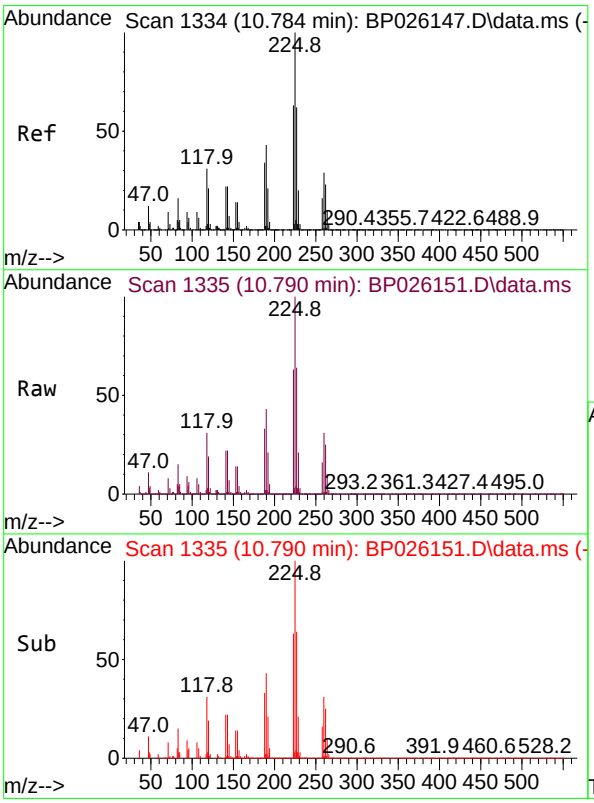
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.8 | 38.8 |
| 65 | 29.1 | 22.7 | 34.1 |
| 92 | 18.3 | 14.6 | 22.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

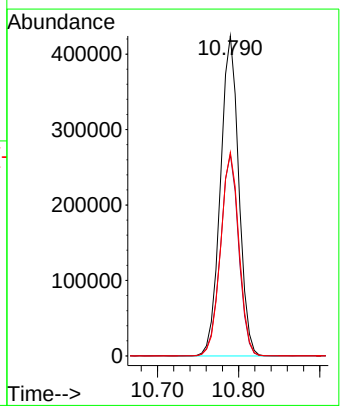
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

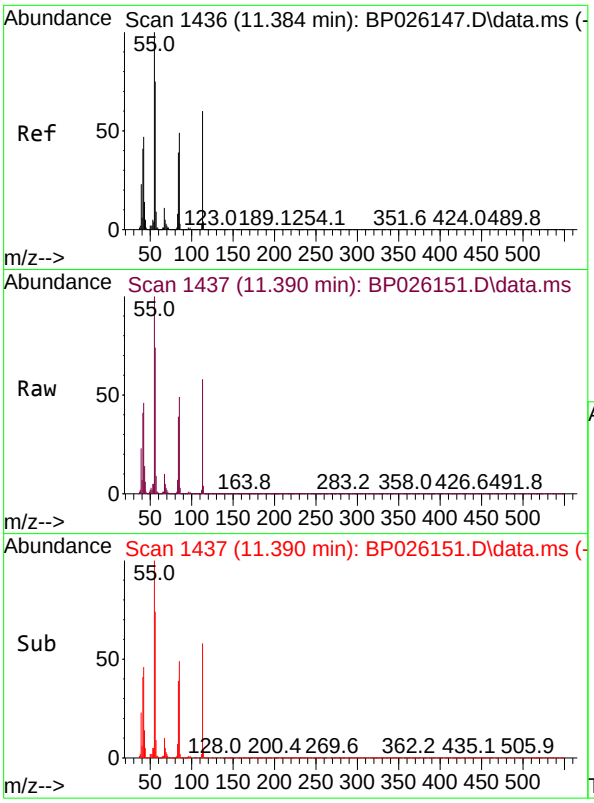



#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:225 Resp: 663620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.0 | 49.6 | 74.4 |
| 227 | 63.6 | 51.2 | 76.8 |






#35
Caprolactam
Concen: 41.978 ng
RT: 11.390 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

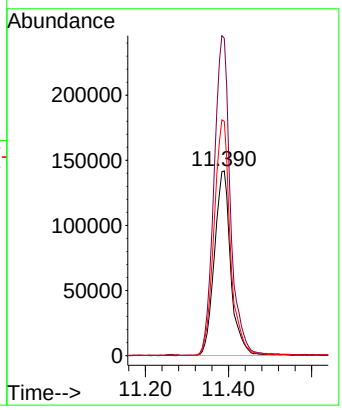
Tgt Ion:113 Resp: 38641

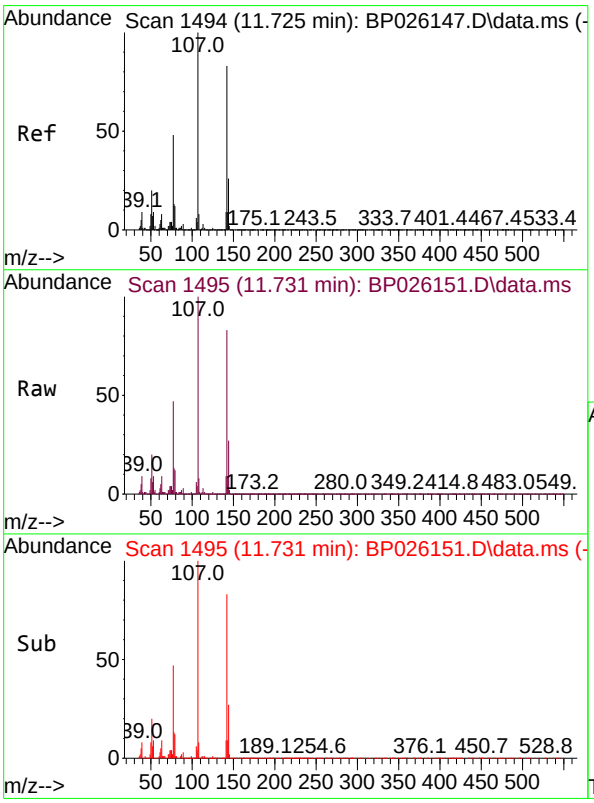
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 171.8 | 153.0 | 193.0 |
| 56 | 126.8 | 106.4 | 146.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

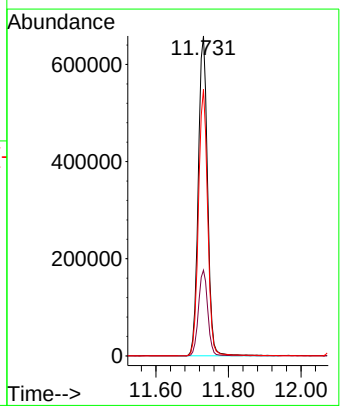


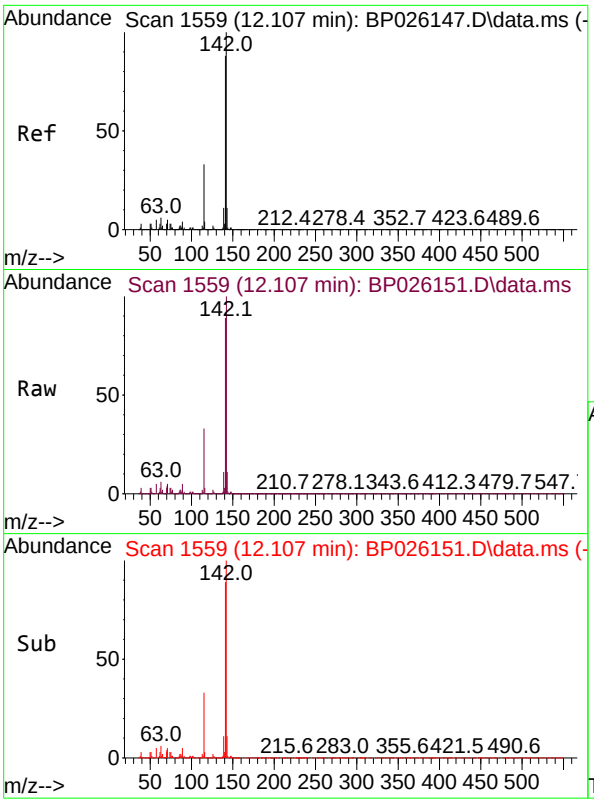




#36
4-Chloro-3-methylphenol
Concen: 42.798 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 1169352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.8 | 21.6 | 32.4 |
| 142 | 83.3 | 65.6 | 98.4 |

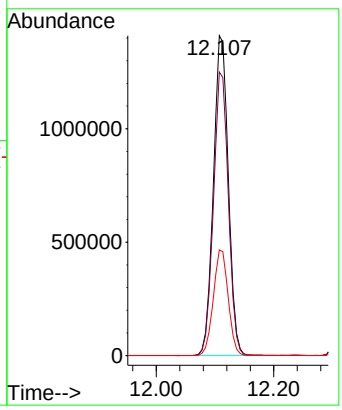





#37
2-Methylnaphthalene
Concen: 40.901 ng
RT: 12.107 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:142 Resp: 248061

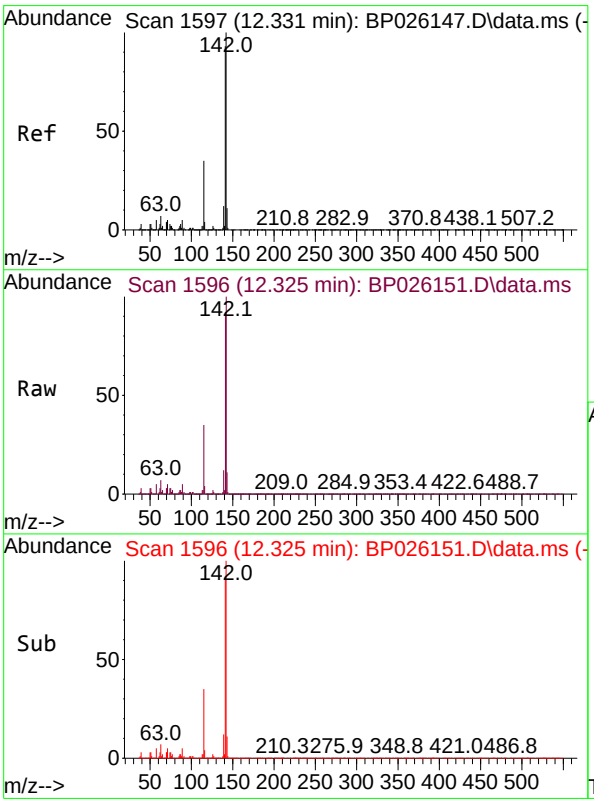
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.6 | 71.0 | 106.6 |
| 115 | 33.0 | 26.6 | 39.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

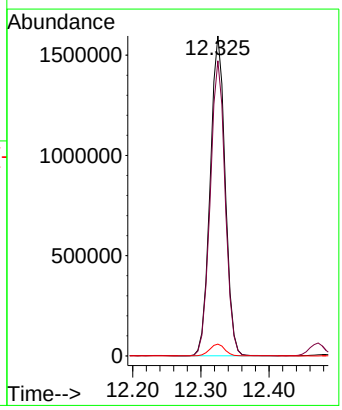
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

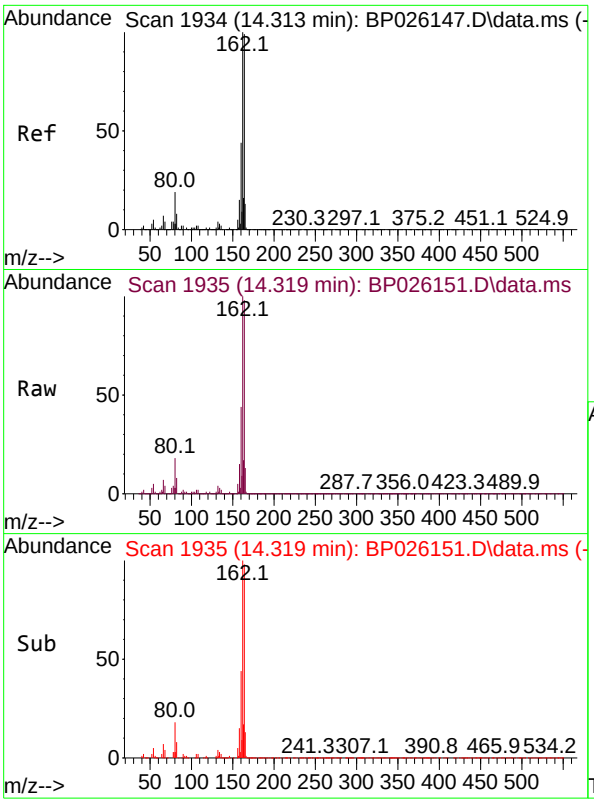



#38
1-Methylnaphthalene
Concen: 41.101 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:142 Resp: 2436446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.2 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |

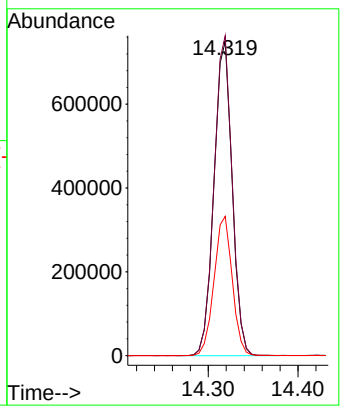





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:164 Resp: 106011

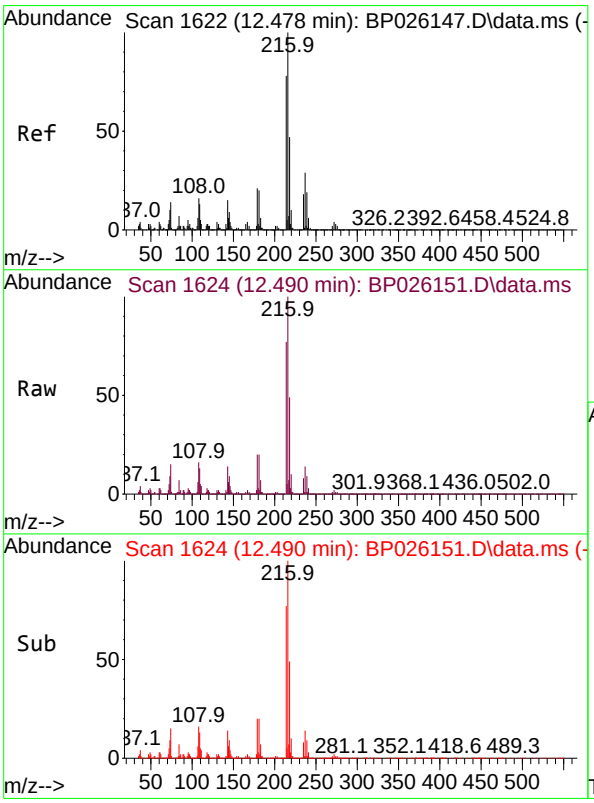
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 80.3 | 120.5 |
| 160 | 44.3 | 35.2 | 52.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

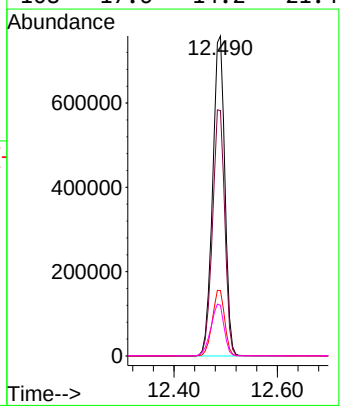
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

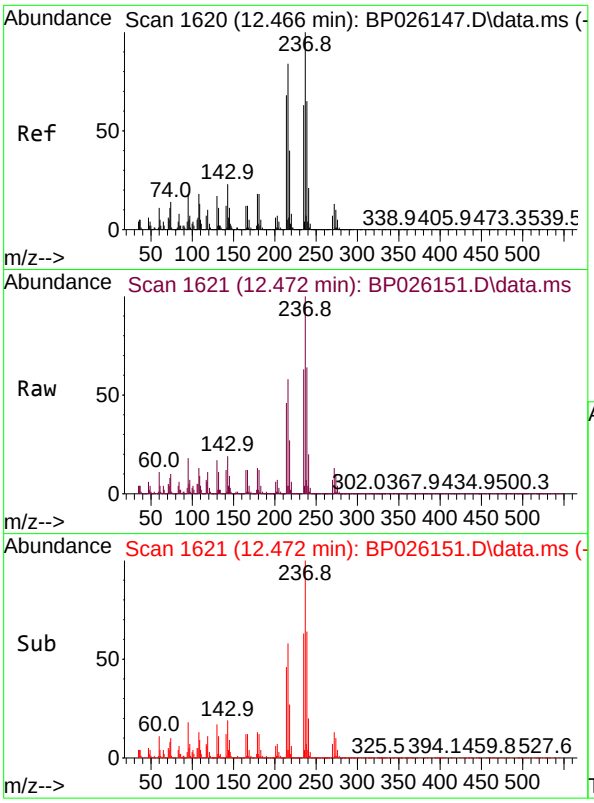



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.653 ng
RT: 12.490 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:216 Resp: 1239031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.5 | 62.6 | 94.0 |
| 179 | 20.8 | 16.6 | 25.0 |
| 108 | 17.6 | 14.2 | 21.4 |

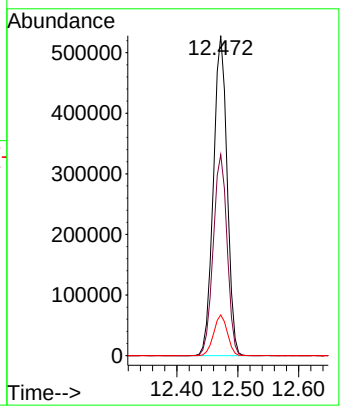





#41
Hexachlorocyclopentadiene
Concen: 39.451 ng
RT: 12.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:237 Resp: 82763

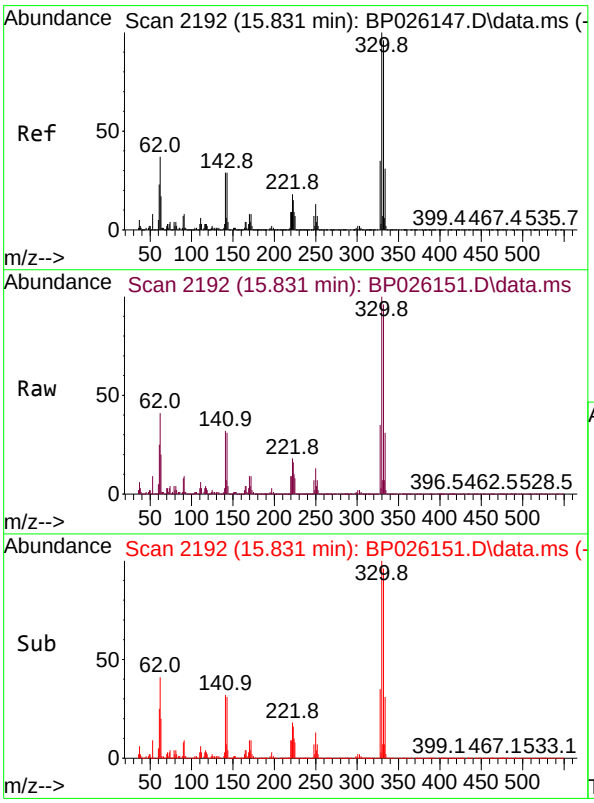
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.8 | 43.3 | 83.3 |
| 272 | 12.7 | 0.0 | 32.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

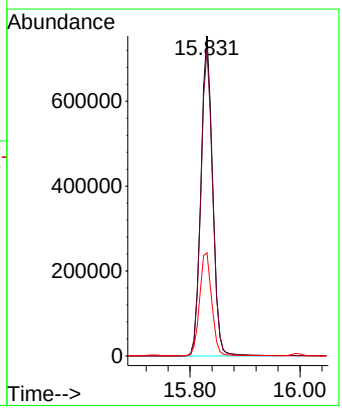
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

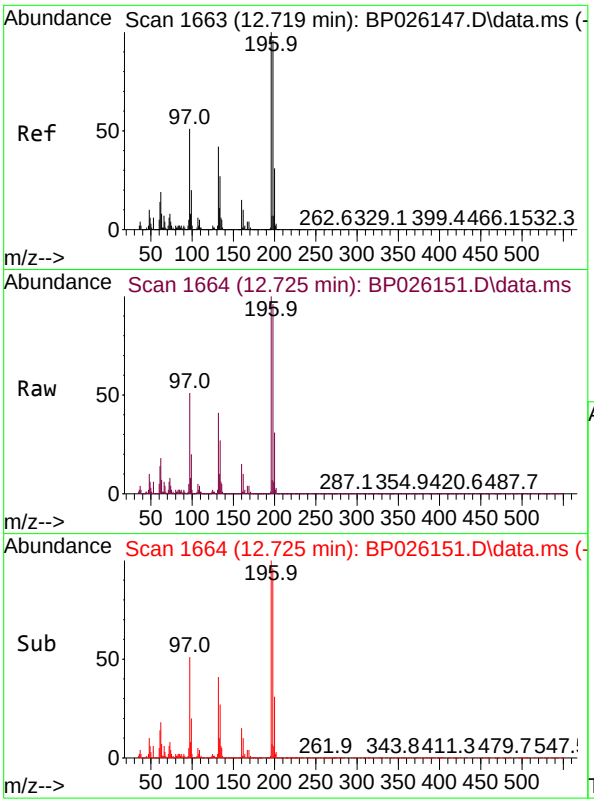



#42
2,4,6-Tribromophenol
Concen: 80.522 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:330 Resp: 1107358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 78.0 | 117.0 |
| 141 | 33.5 | 26.8 | 40.2 |

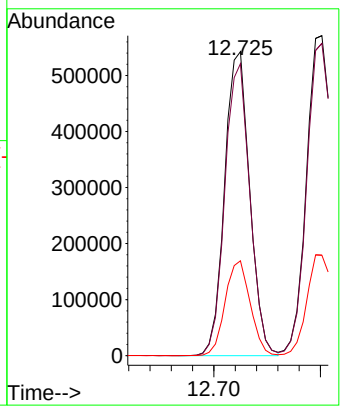





#43
2,4,6-Trichlorophenol
Concen: 40.482 ng
RT: 12.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:196 Resp: 88962

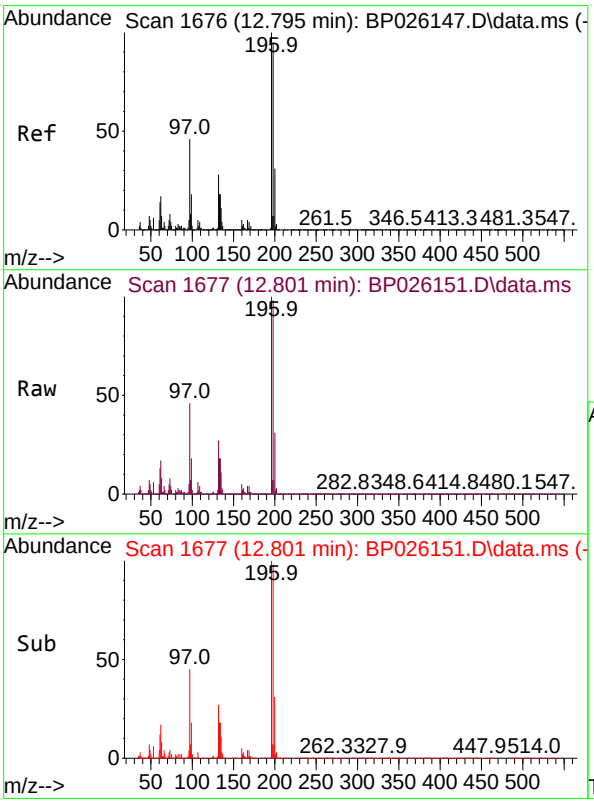
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 76.9 | 115.3 |
| 200 | 31.2 | 24.6 | 37.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

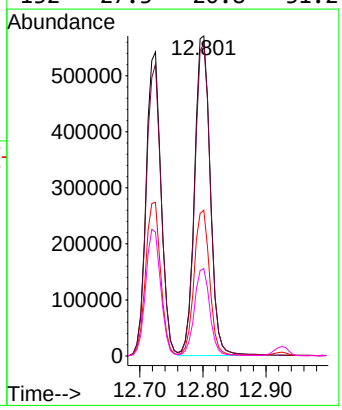
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

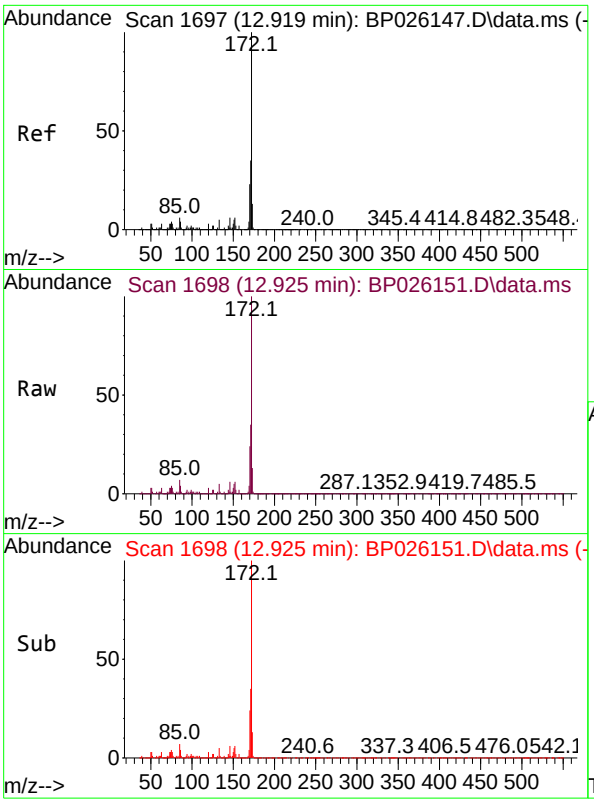



#44
2,4,5-Trichlorophenol
Concen: 40.200 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:196 Resp: 986131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.6 | 76.4 | 114.6 |
| 97 | 45.5 | 35.7 | 53.5 |
| 132 | 27.3 | 20.8 | 31.2 |

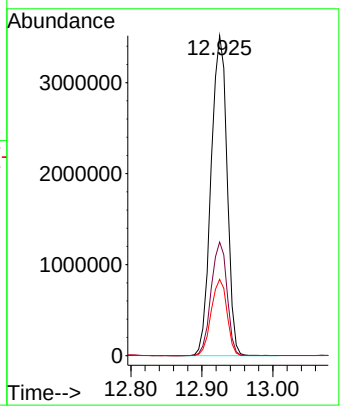





#45
2-Fluorobiphenyl
Concen: 76.016 ng
RT: 12.925 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:172 Resp: 549847

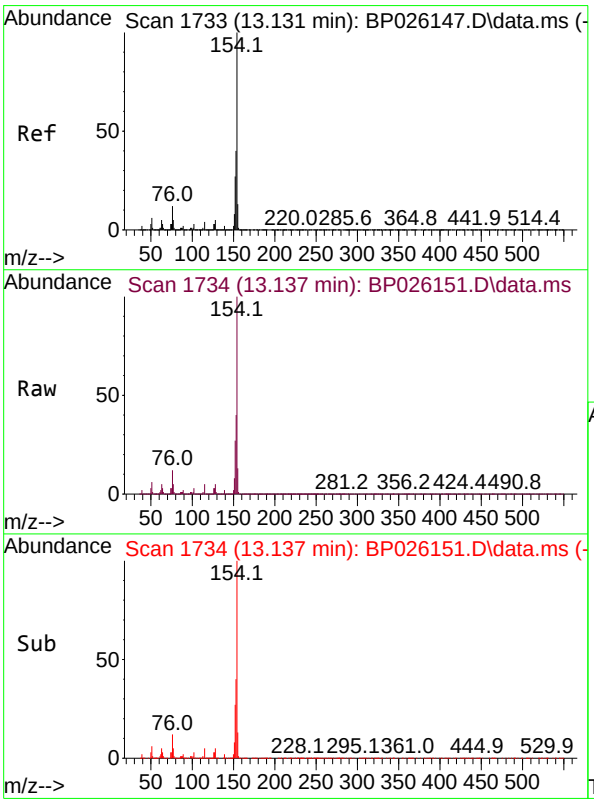
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.2 | 42.4 |
| 170 | 23.8 | 18.7 | 28.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

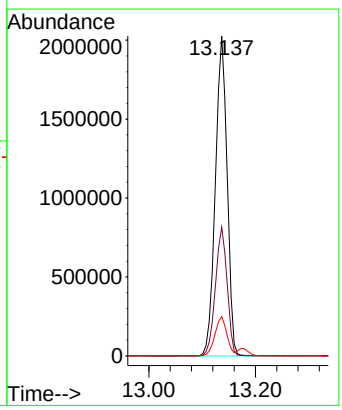
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

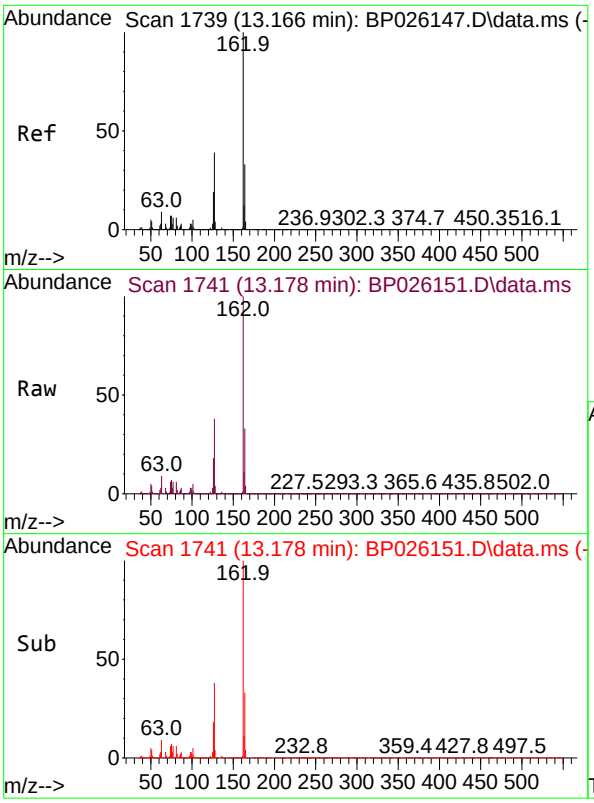



#46
1,1'-Biphenyl
Concen: 38.891 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 3104503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.3 | 60.3 |
| 76 | 12.3 | 0.0 | 32.3 |

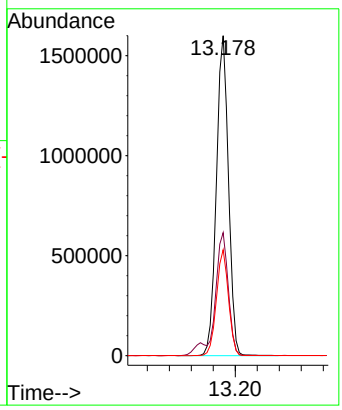





#47
2-Chloronaphthalene
Concen: 38.816 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:162 Resp: 243652

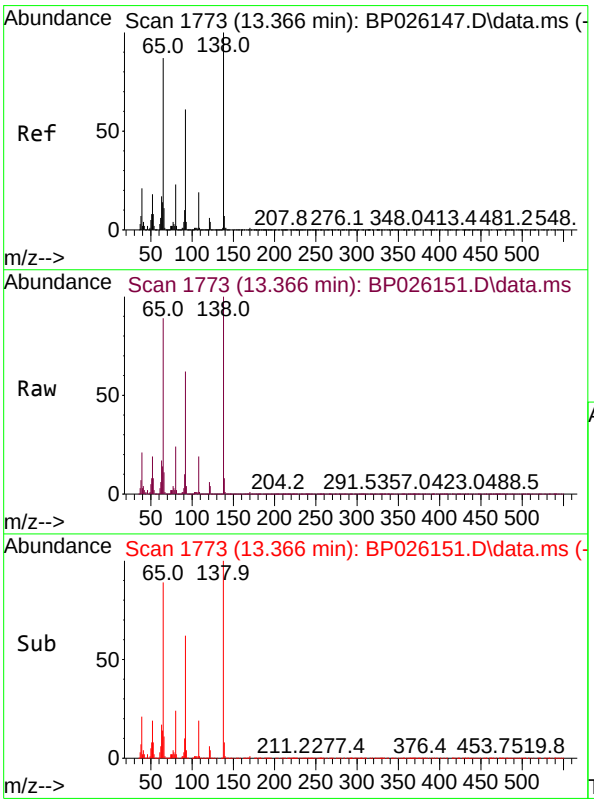
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.4 | 30.9 | 46.3 |
| 164 | 33.1 | 26.4 | 39.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

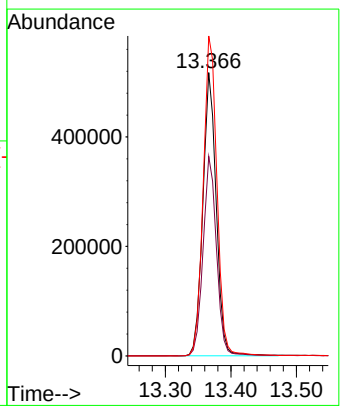
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

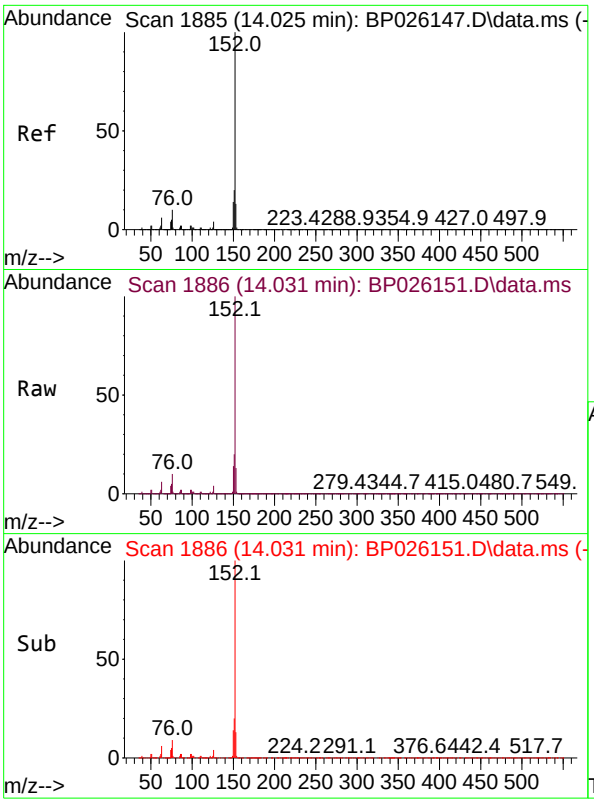



#48
2-Nitroaniline
Concen: 41.880 ng
RT: 13.366 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 65 Resp: 731047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.4 | 59.1 | 88.7 |
| 138 | 112.9 | 96.6 | 145.0 |

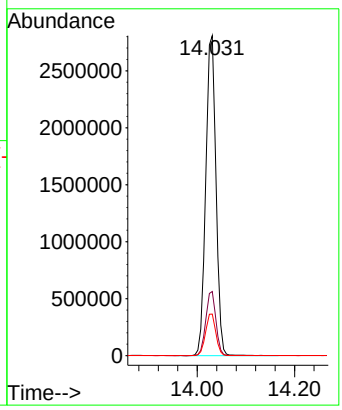





#49
Acenaphthylene
Concen: 39.676 ng
RT: 14.031 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:152 Resp: 410811

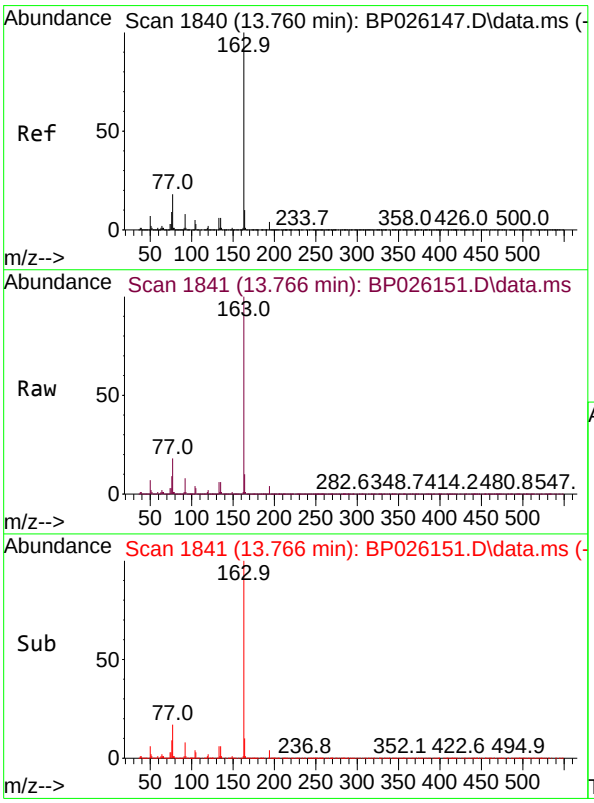
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 13.0 | 10.6 | 16.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

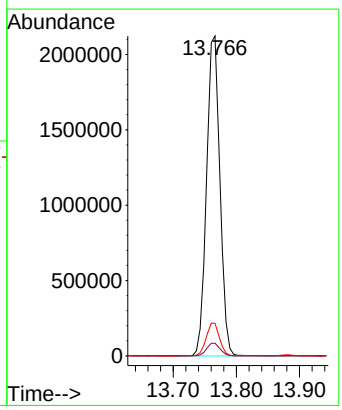
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

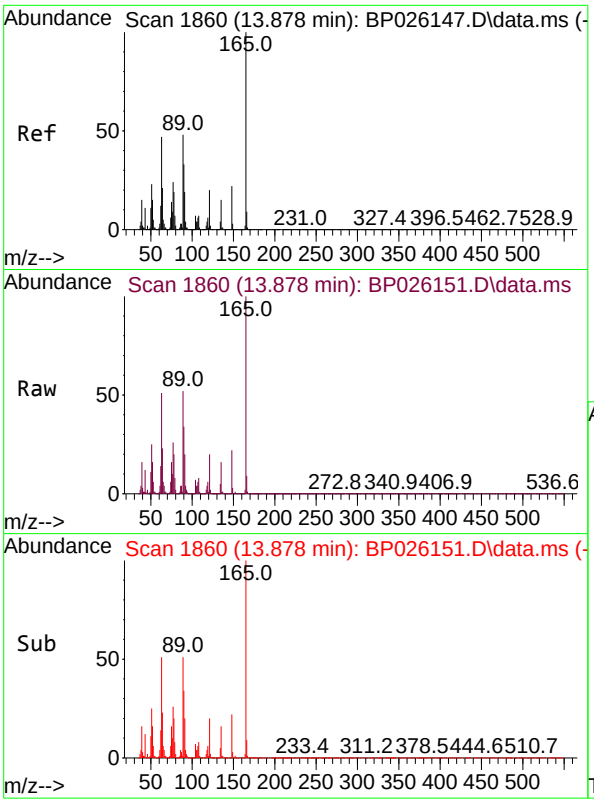



#50
Dimethylphthalate
Concen: 39.365 ng
RT: 13.766 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:163 Resp: 3116904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.2 | 8.2 | 12.2 |






#51
2,6-Dinitrotoluene
Concen: 43.045 ng
RT: 13.878 min Scan# 18
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

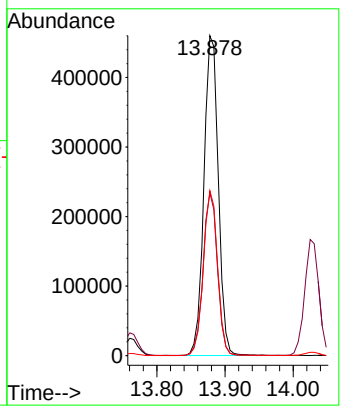
Tgt Ion:165 Resp: 675339

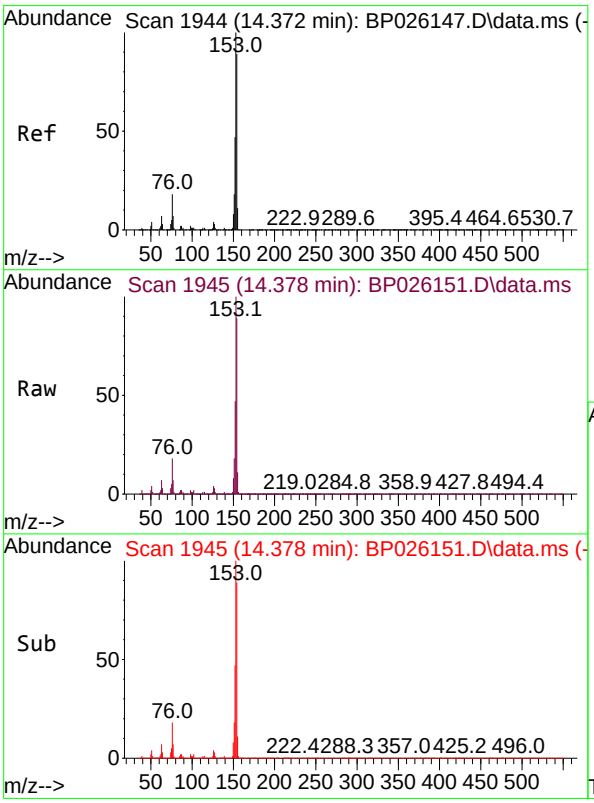
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.9 | 40.5 | 60.7 |
| 89 | 51.5 | 41.3 | 61.9 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

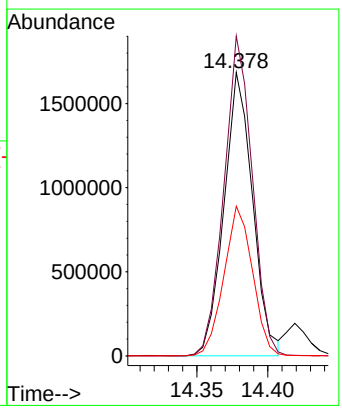


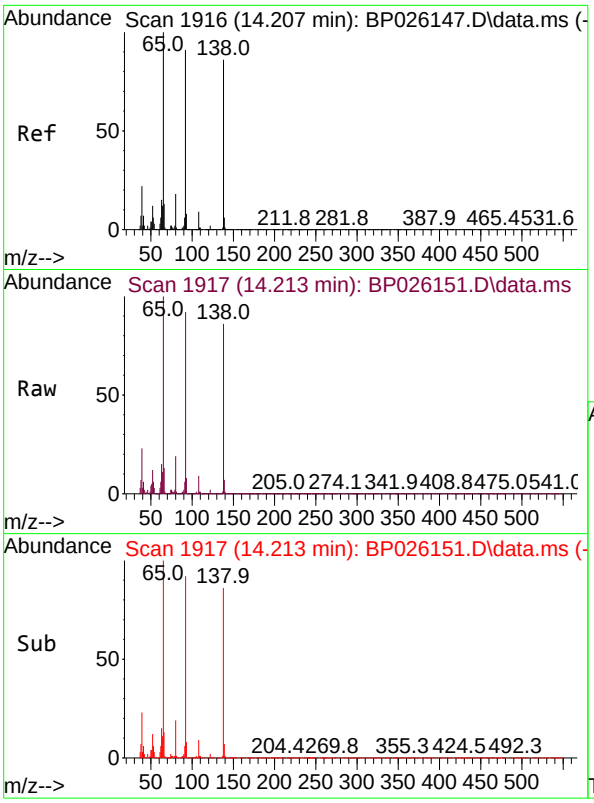




#52
Acenaphthene
Concen: 38.919 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 2361523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.7 | 136.1 |
| 152 | 52.8 | 42.8 | 64.2 |

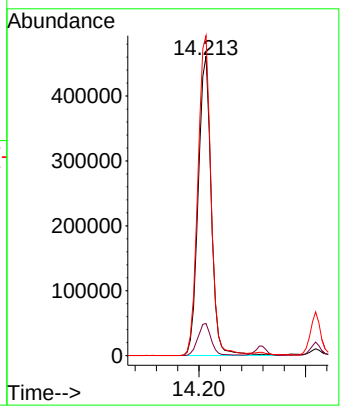





#53
3-Nitroaniline
Concen: 42.369 ng
RT: 14.213 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:138 Resp: 78267

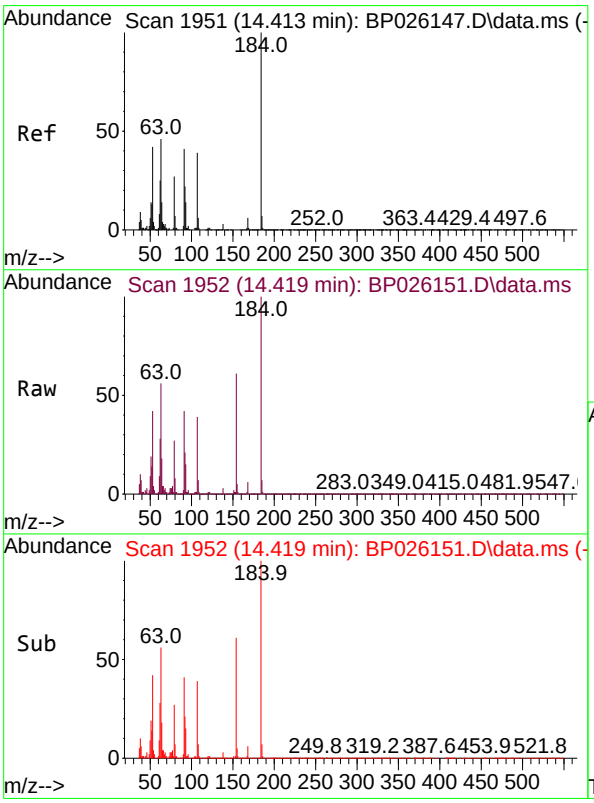
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 8.9 | 13.3 |
| 92 | 106.9 | 86.3 | 129.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations APPROVED**

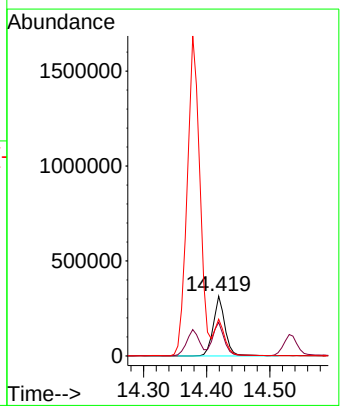
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

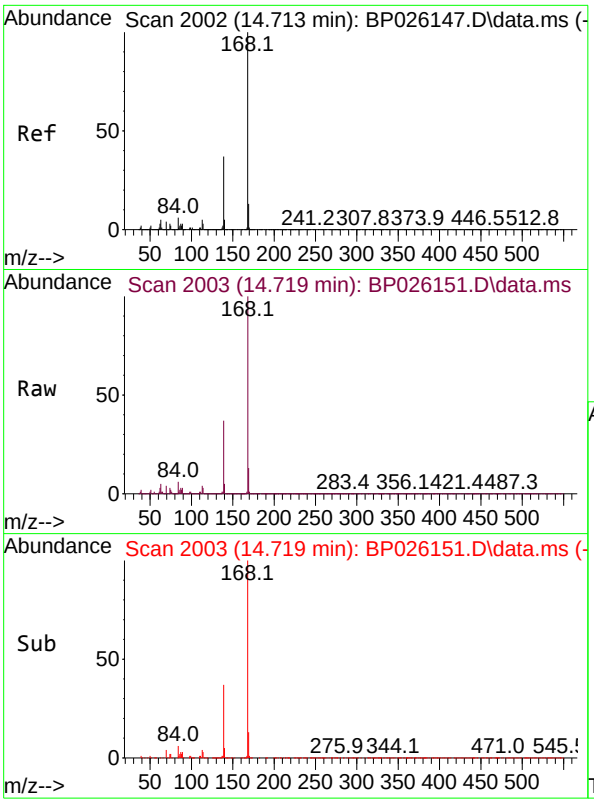



#54
2,4-Dinitrophenol
Concen: 42.569 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:184 Resp: 403157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 56.0 | 43.1 | 64.7 |
| 154 | 61.3 | 49.5 | 74.3 |

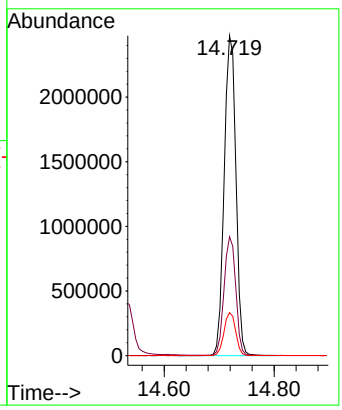





#55
Dibenzofuran
Concen: 39.037 ng
RT: 14.719 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:168 Resp: 366877

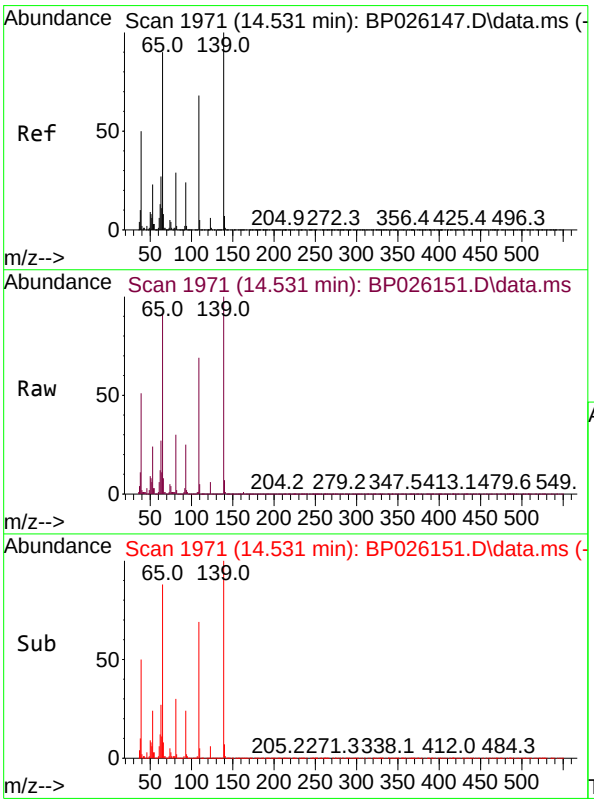
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.1 | 29.8 | 44.6 |
| 169 | 13.4 | 10.9 | 16.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

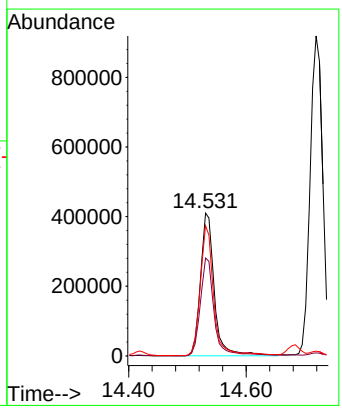
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

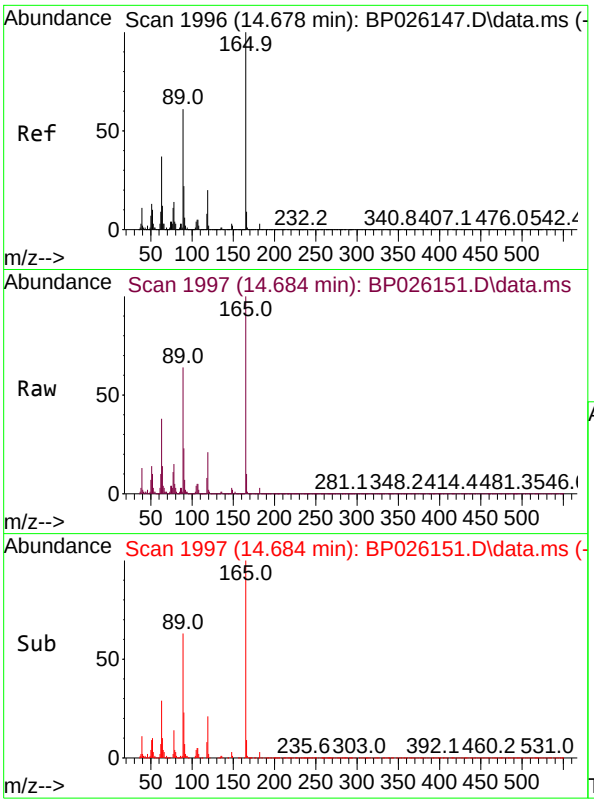



#56
4-Nitrophenol
Concen: 40.312 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:139 Resp: 673671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.6 | 46.8 | 86.8 |
| 65 | 91.3 | 69.3 | 109.3 |

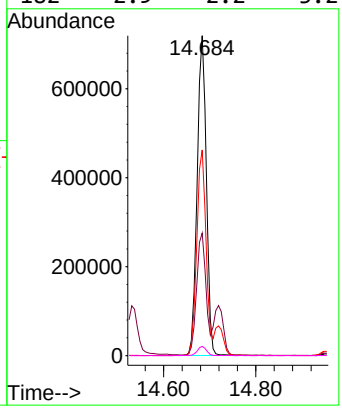





#57
2,4-Dinitrotoluene
Concen: 42.577 ng
RT: 14.684 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:165 Resp: 99742

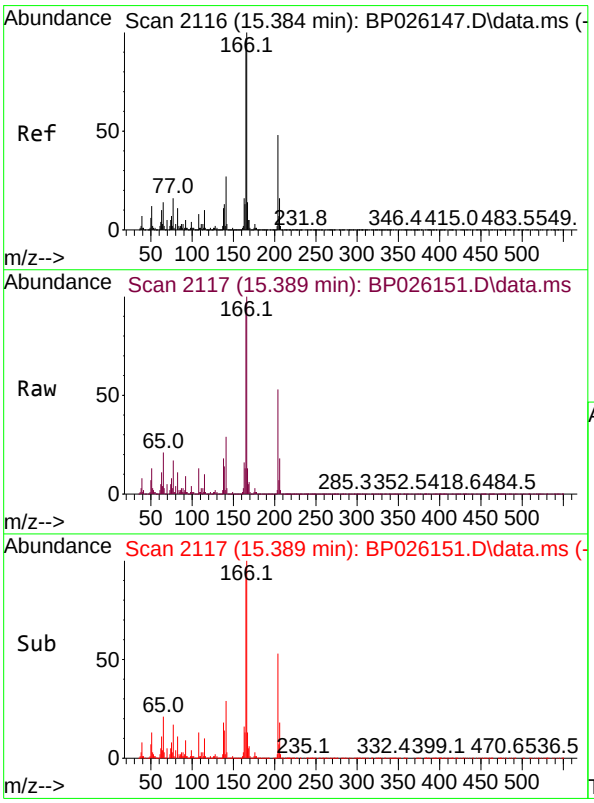
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.3 | 31.0 | 46.6 |
| 89 | 64.3 | 51.7 | 77.5 |
| 182 | 2.9 | 2.2 | 3.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

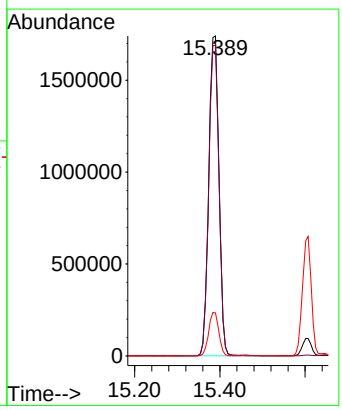
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

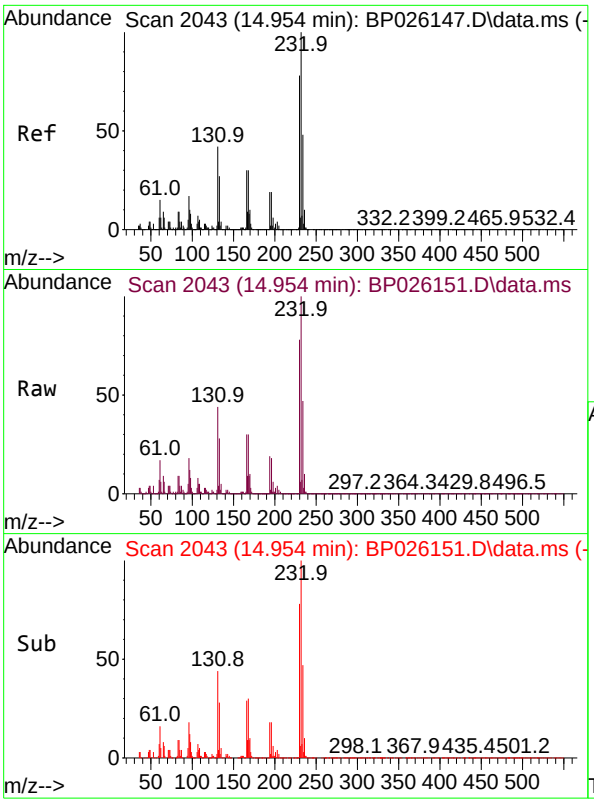



#58
Fluorene
Concen: 38.962 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:166 Resp: 2894223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.1 | 77.9 | 116.9 |
| 167 | 13.5 | 11.0 | 16.4 |

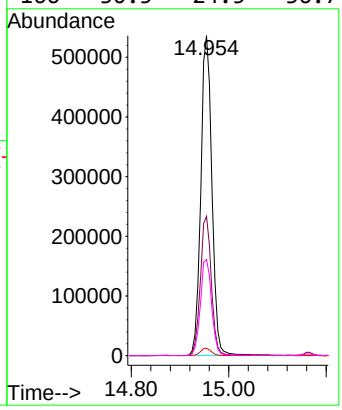





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.668 ng
RT: 14.954 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:232 Resp: 846319

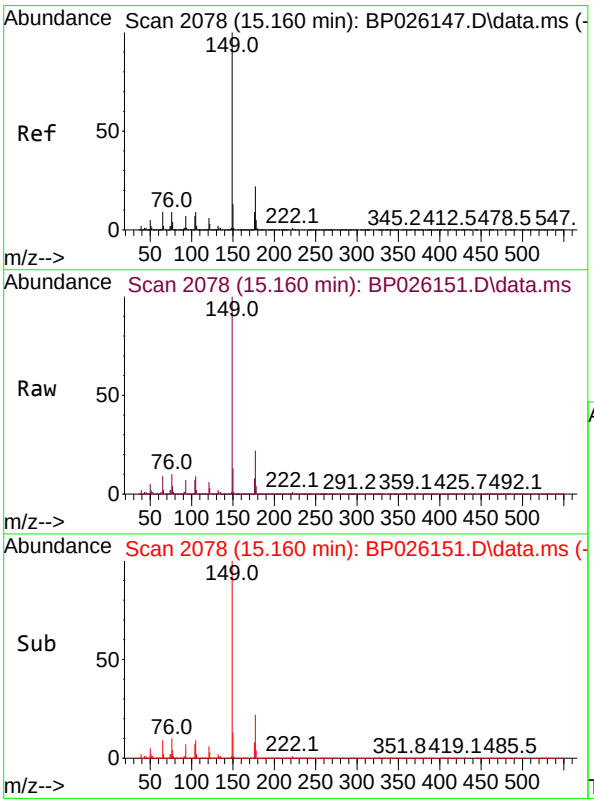
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.1 | 34.8 | 52.2 |
| 130 | 2.3 | 1.8 | 2.8 |
| 166 | 30.5 | 24.5 | 36.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

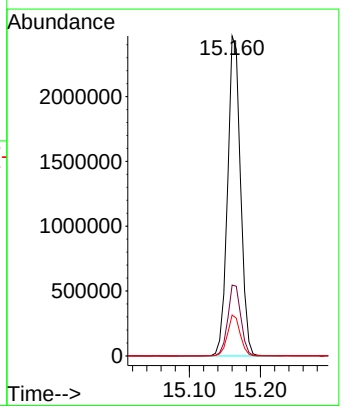
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

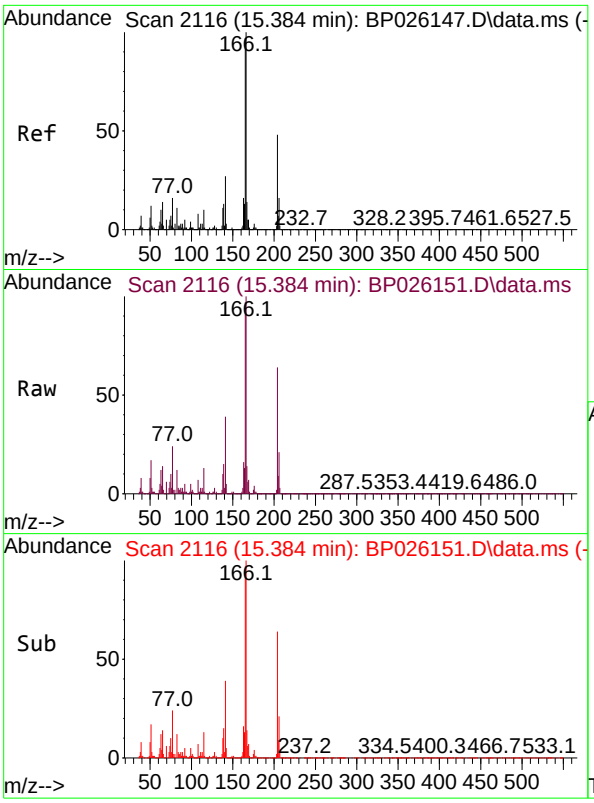



#60
Diethylphthalate
Concen: 39.059 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 3115428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 17.9 | 26.9 |
| 150 | 12.8 | 9.9 | 14.9 |






#61
4-Chlorophenyl-phenylether
Concen: 38.882 ng
RT: 15.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

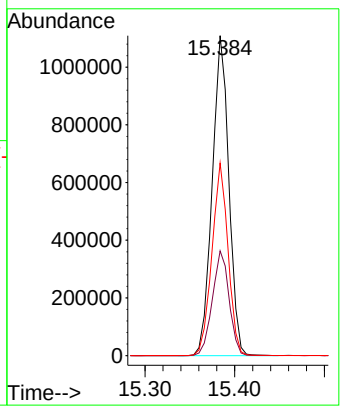
Tgt Ion:204 Resp: 143711

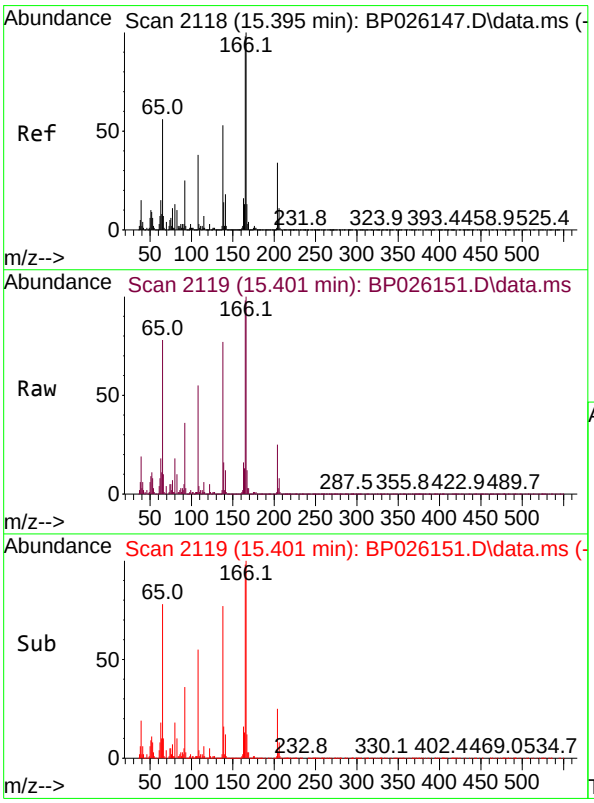
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.7 | 26.2 | 39.2 |
| 141 | 60.2 | 48.1 | 72.1 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

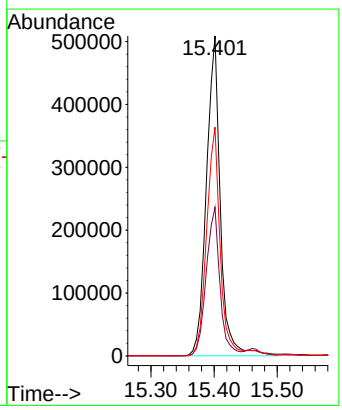


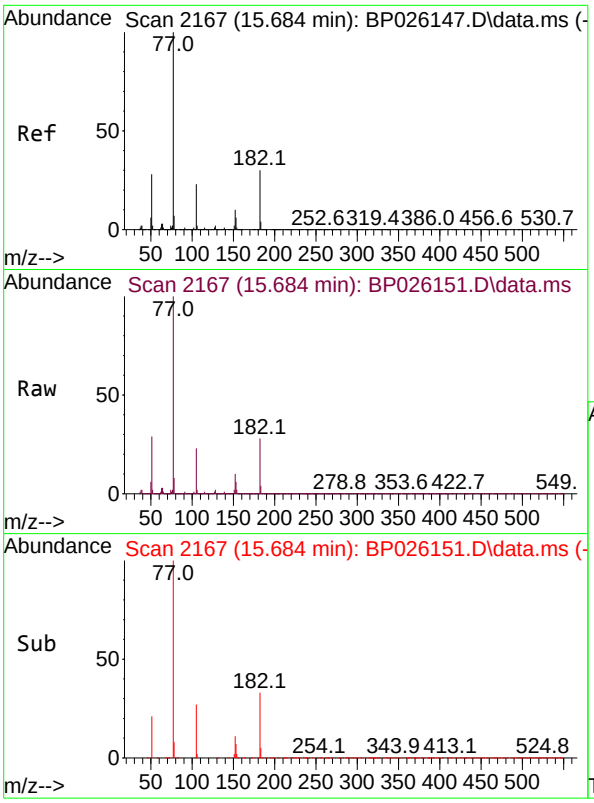




#62
4-Nitroaniline
Concen: 40.700 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:138 Resp: 780732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.4 | 27.5 | 67.5 |
| 108 | 71.5 | 51.1 | 91.1 |






#63
Azobenzene
Concen: 39.832 ng
RT: 15.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

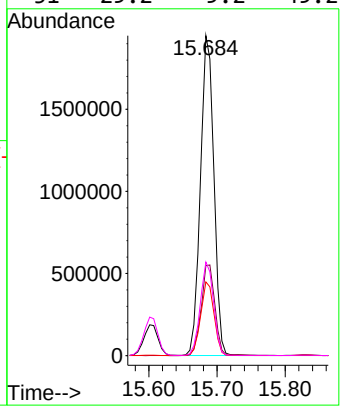
**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

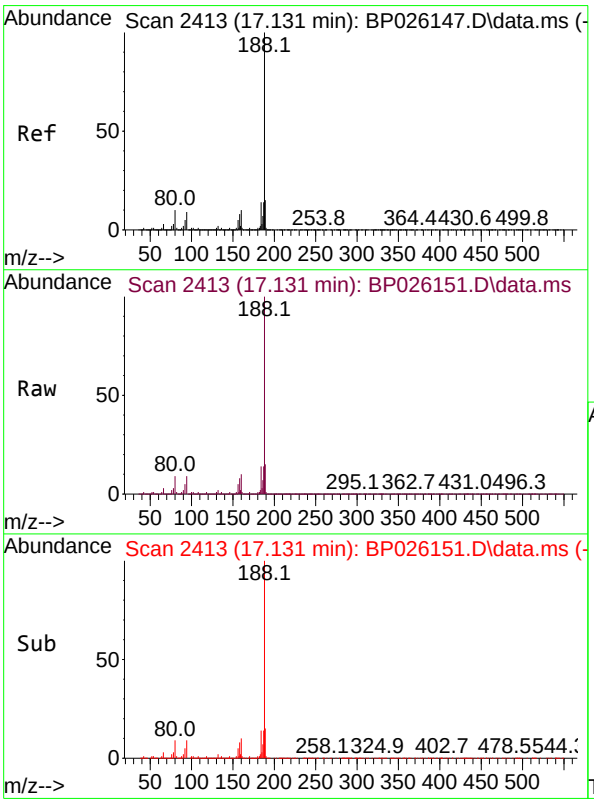
Tgt Ion: 77 Resp: 267892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.1 | 8.8 | 48.8 |
| 105 | 23.0 | 2.6 | 42.6 |
| 51 | 29.2 | 9.2 | 49.2 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

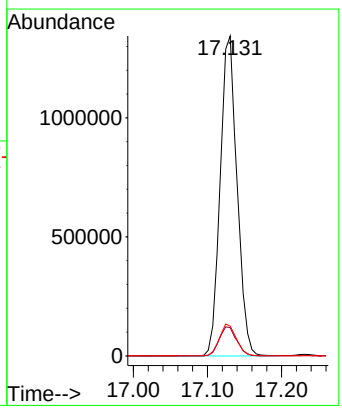


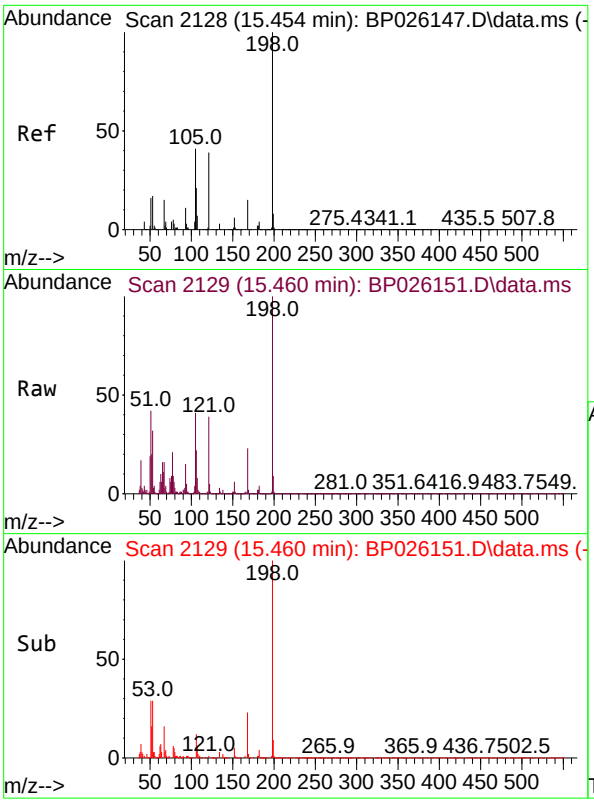




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:188 Resp: 2119946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 7.8 | 11.6 |
| 80 | 9.3 | 8.2 | 12.2 |

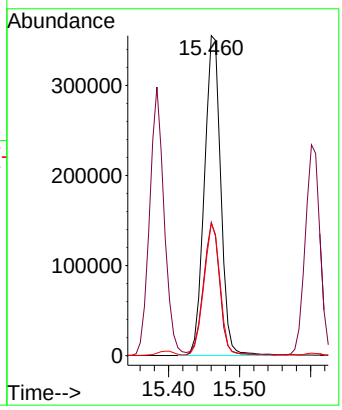





#65
4,6-Dinitro-2-methylphenol
Concen: 42.199 ng
RT: 15.460 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:198 Resp: 56832

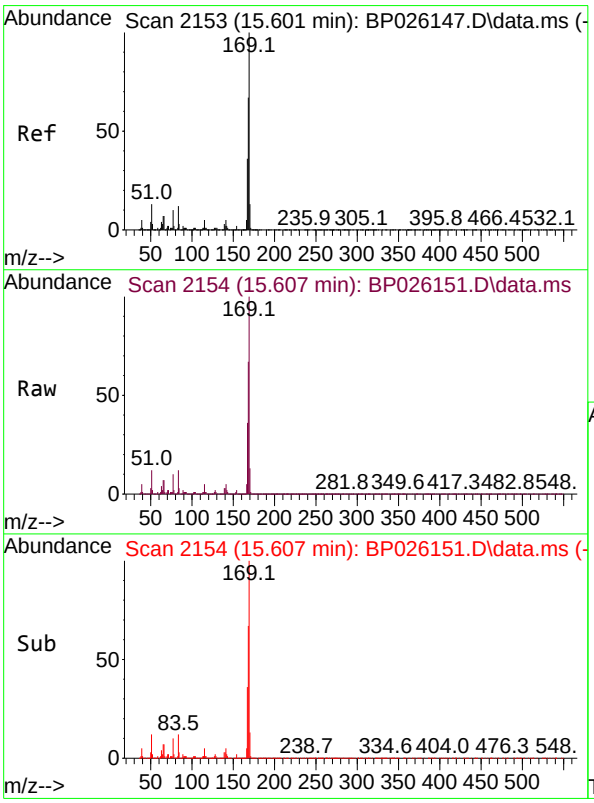
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 41.6 | 18.4 | 58.4 |
| 105 | 41.3 | 18.5 | 58.5 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

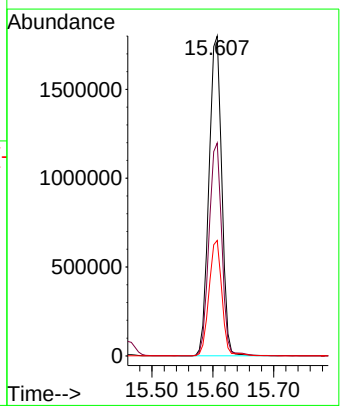
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

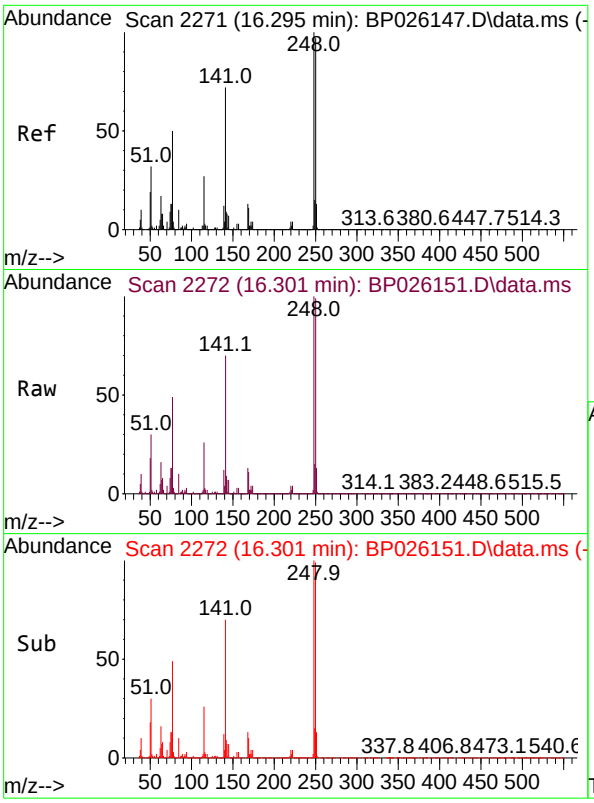



#66
n-Nitrosodiphenylamine
Concen: 40.009 ng
RT: 15.607 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:169 Resp: 2623713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.5 | 53.1 | 79.7 |
| 167 | 36.1 | 28.9 | 43.3 |






#67
4-Bromophenyl-phenylether
Concen: 40.921 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

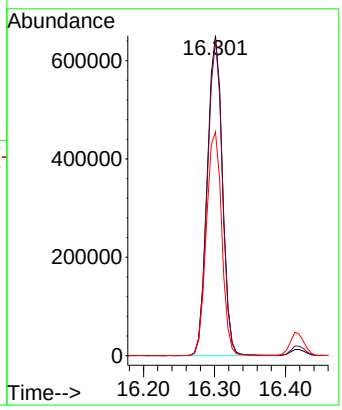
**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

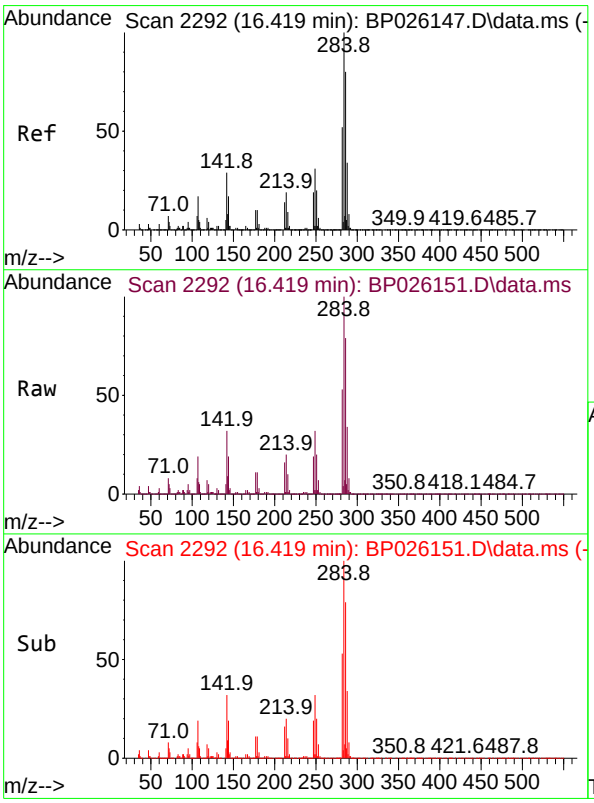
Tgt Ion:248 Resp: 96073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.7 | 77.8 | 116.6 |
| 141 | 69.9 | 55.4 | 83.0 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

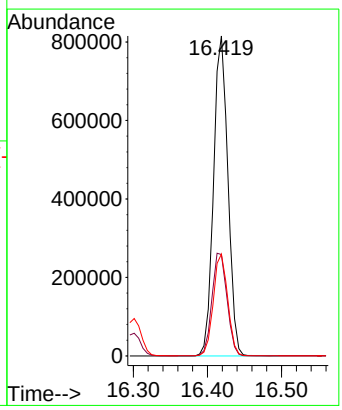


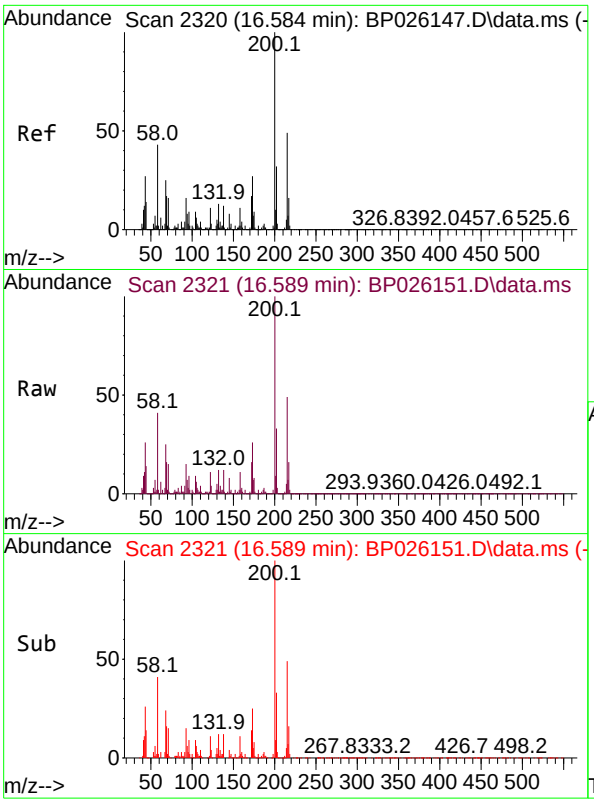




#68
Hexachlorobenzene
Concen: 40.295 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:284 Resp: 1097761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.7 | 28.0 | 42.0 |
| 249 | 31.8 | 25.0 | 37.4 |

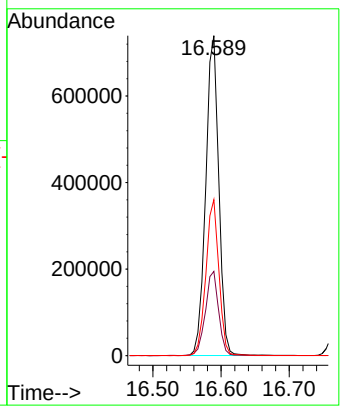





#69
Atrazine
Concen: 39.843 ng
RT: 16.589 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:200 Resp: 98527

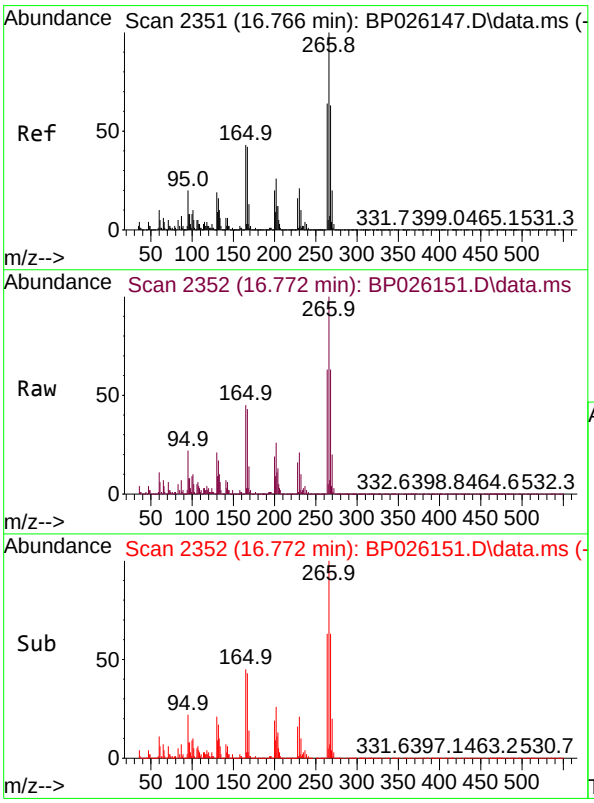
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.3 | 6.7 | 46.7 |
| 215 | 48.7 | 27.4 | 67.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

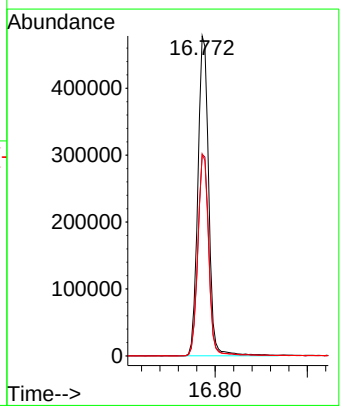
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

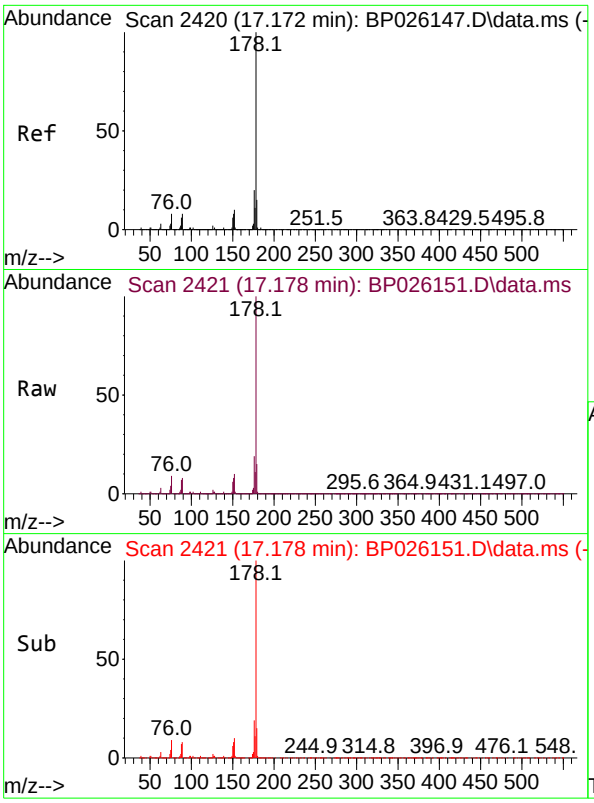



#70
Pentachlorophenol
Concen: 40.719 ng
RT: 16.772 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:266 Resp: 775987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.0 | 51.0 | 76.4 |
| 264 | 63.1 | 50.2 | 75.2 |

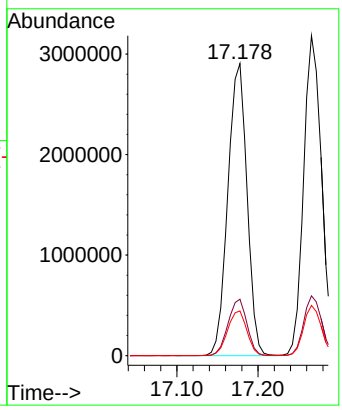





#71
Phenanthrene
Concen: 39.930 ng
RT: 17.178 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:178 Resp: 476847

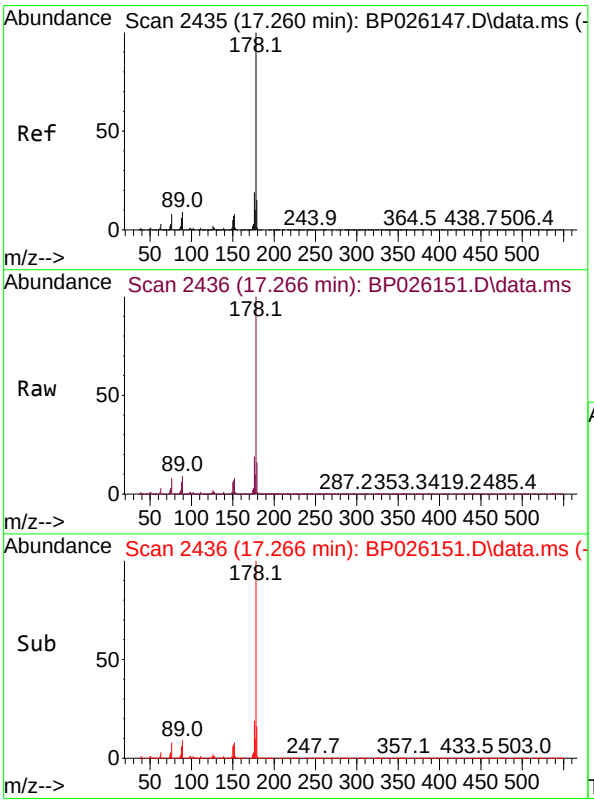
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.4 | 23.2 |
| 179 | 15.3 | 12.4 | 18.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

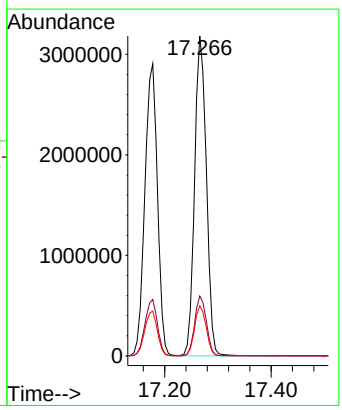
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

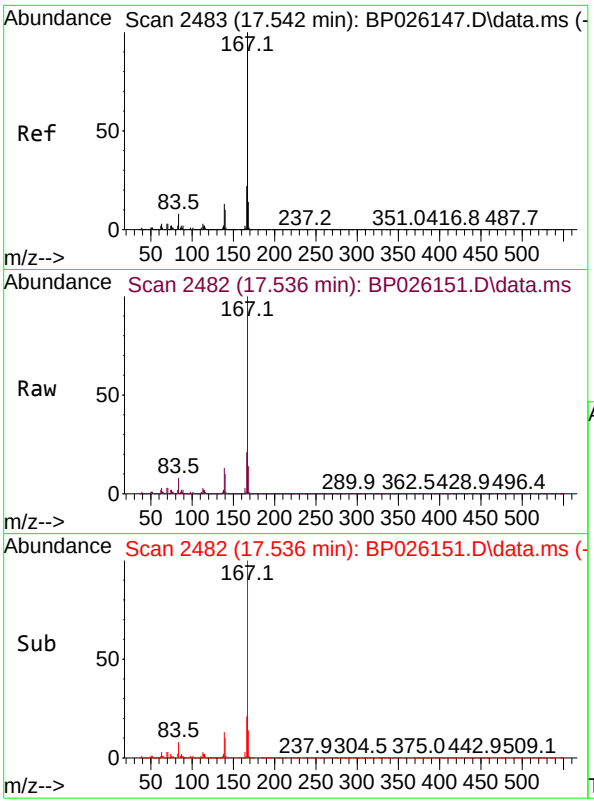



#72
Anthracene
Concen: 40.026 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:178 Resp: 4875395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.8 | 22.2 |
| 179 | 15.7 | 12.2 | 18.4 |






#73
Carbazole
Concen: 39.777 ng
RT: 17.536 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

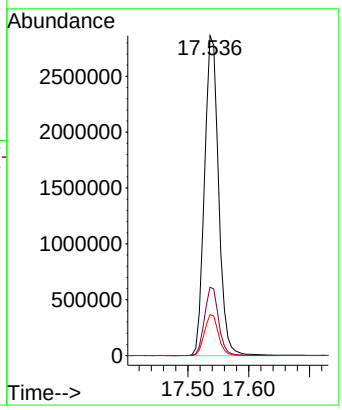
Tgt Ion:167 Resp: 460169

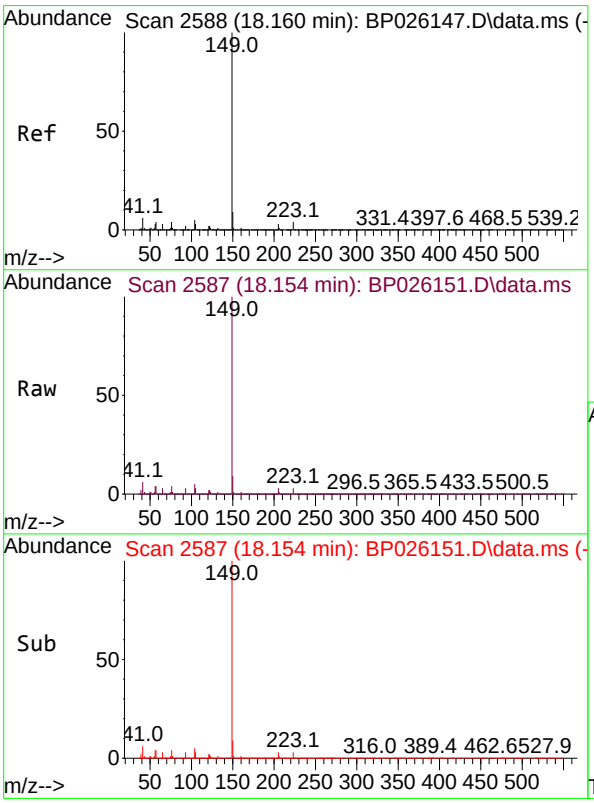
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.1 | 25.7 |
| 139 | 12.8 | 10.2 | 15.4 |

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

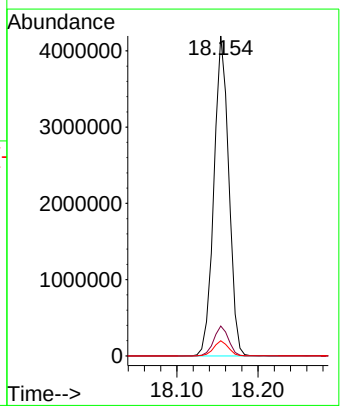


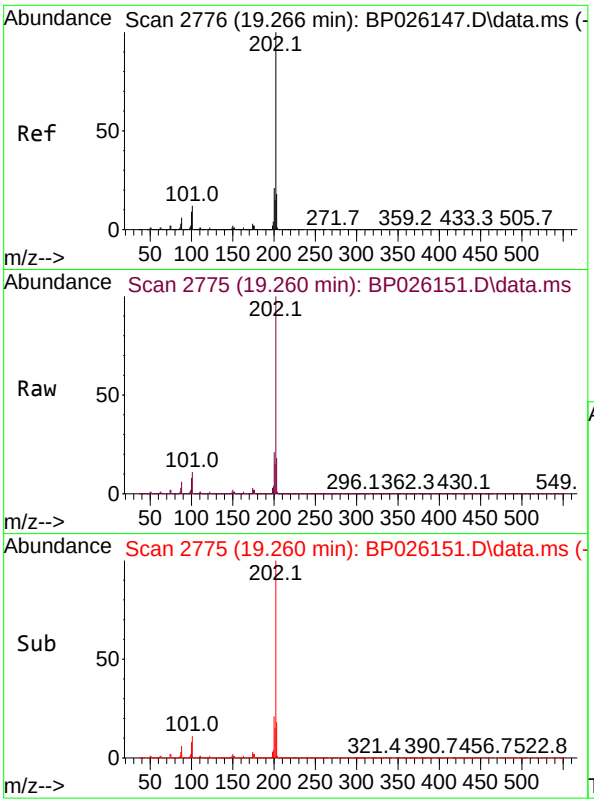




#74
Di-n-butylphthalate
Concen: 38.873 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 5331384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 4.7 | 3.6 | 5.4 |

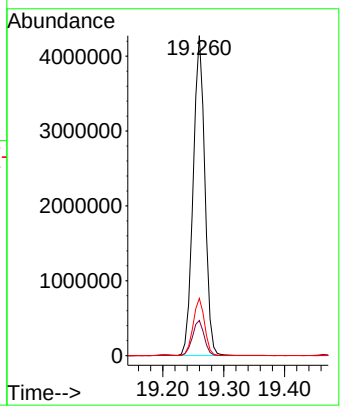





#75
Fluoranthene
Concen: 39.137 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:202 Resp: 567869

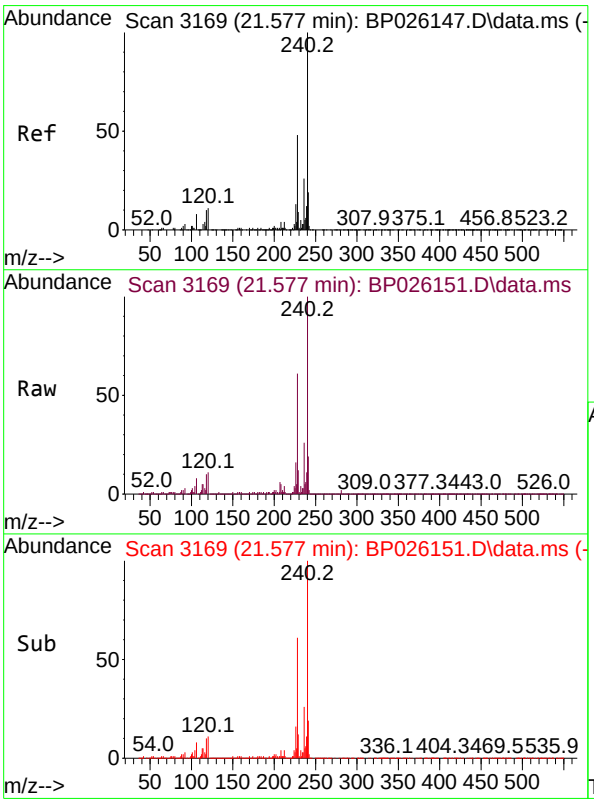
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 31.2 |
| 203 | 17.9 | 0.0 | 37.7 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

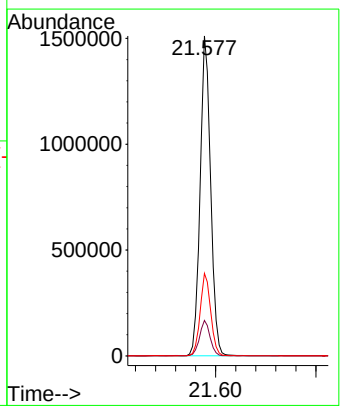
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

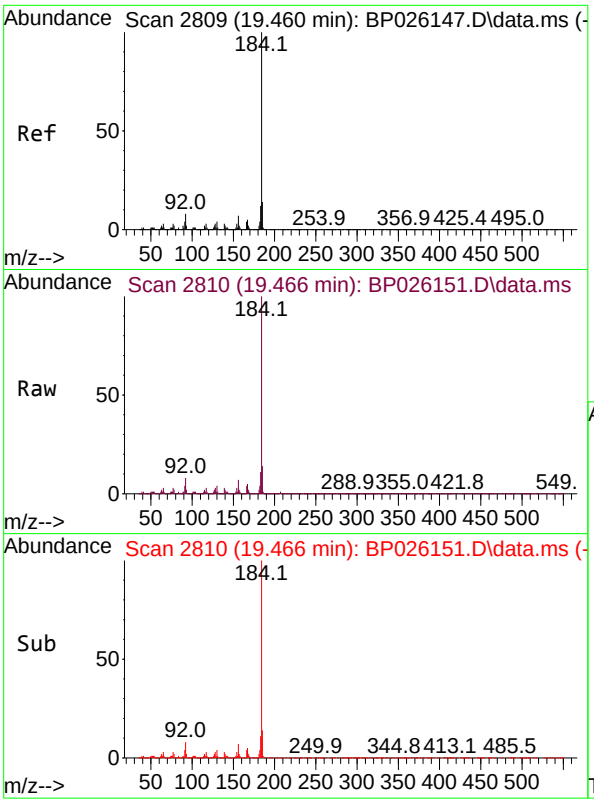



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:240 Resp: 2196318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 9.0 | 13.4 |
| 236 | 25.8 | 20.4 | 30.6 |

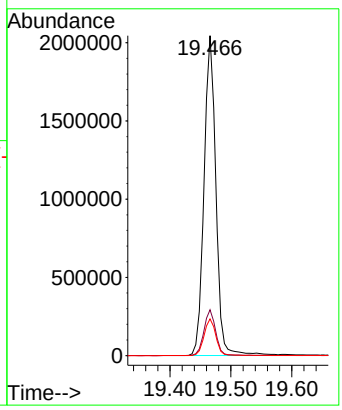





#77
Benzidine
Concen: 39.739 ng
RT: 19.466 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:184 Resp: 276988

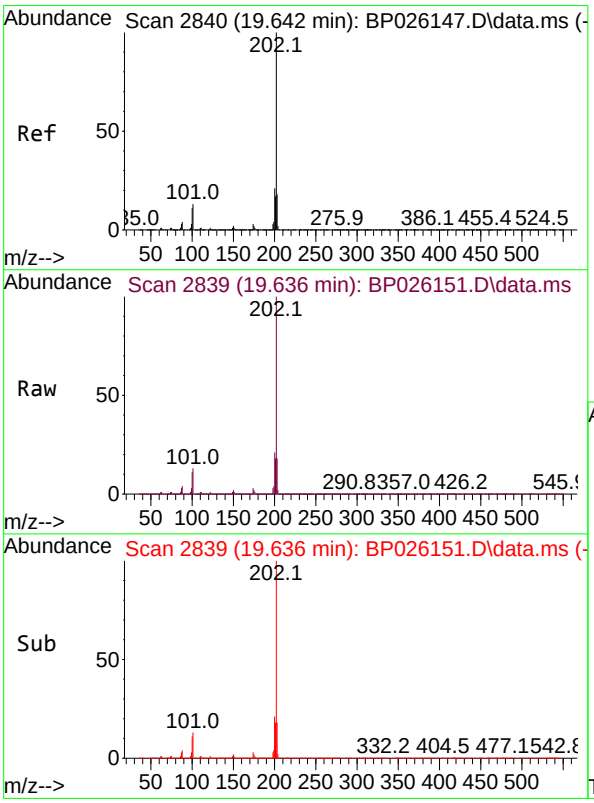
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.3 | 16.9 |
| 183 | 11.5 | 9.0 | 13.6 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

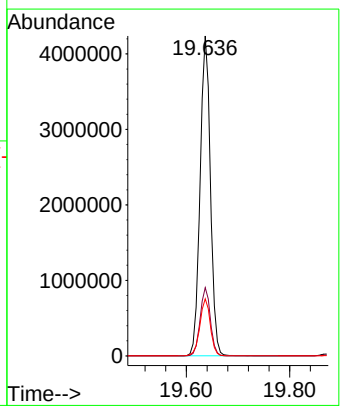
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

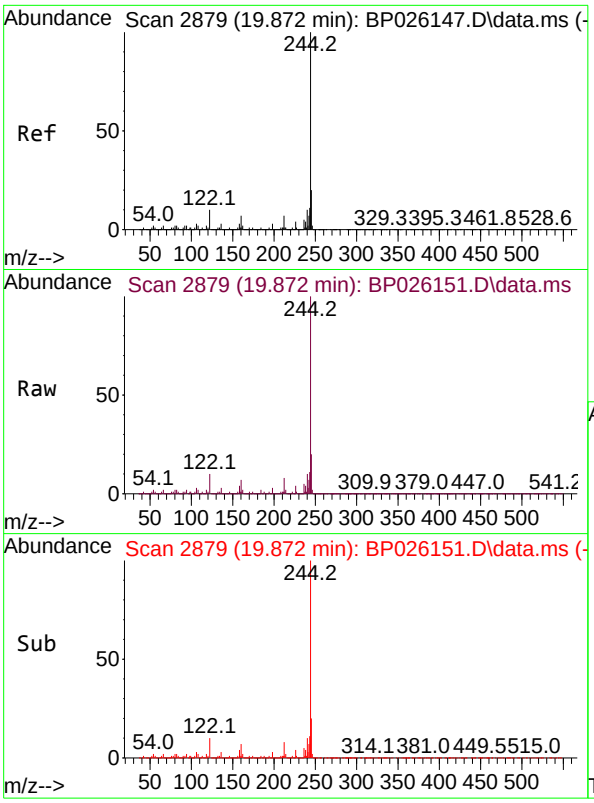



#78
Pyrene
Concen: 40.685 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:202 Resp: 5858930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 16.9 | 25.3 |
| 203 | 17.8 | 13.8 | 20.8 |

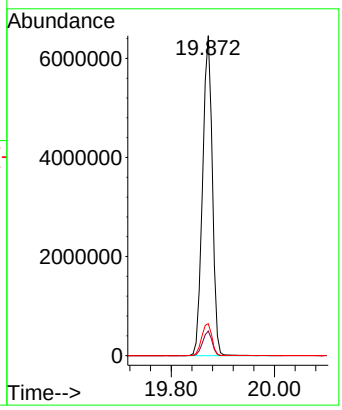





#79
Terphenyl-d14
Concen: 78.411 ng
RT: 19.872 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:244 Resp: 844590

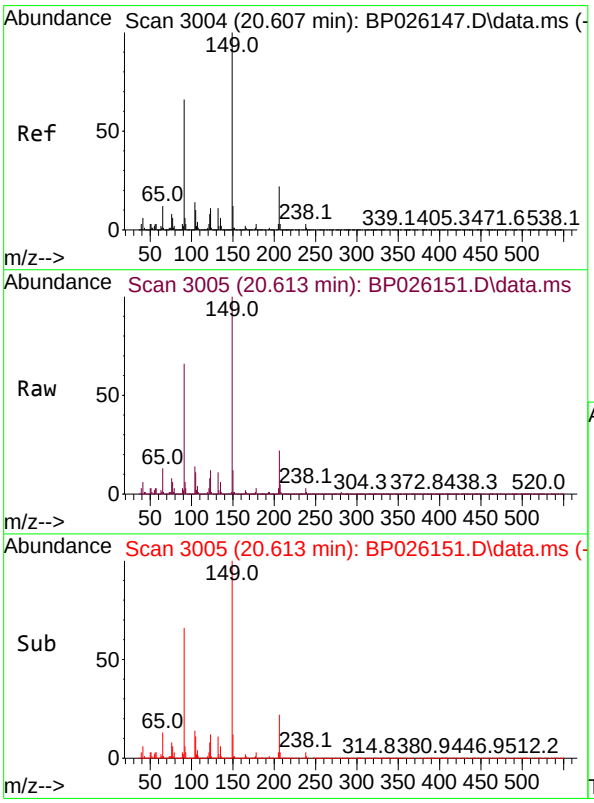
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.8 | 8.8 |
| 122 | 10.0 | 8.2 | 12.2 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

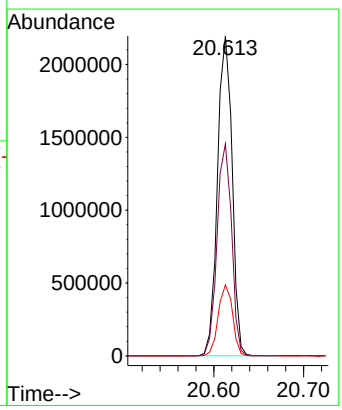
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

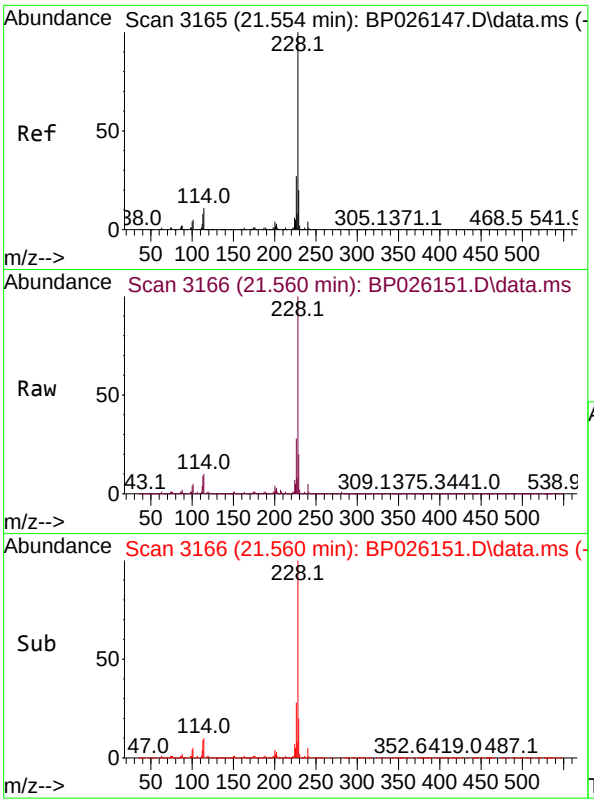



#80
Butylbenzylphthalate
Concen: 39.196 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 2485794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.3 | 52.6 | 79.0 |
| 206 | 22.2 | 16.9 | 25.3 |

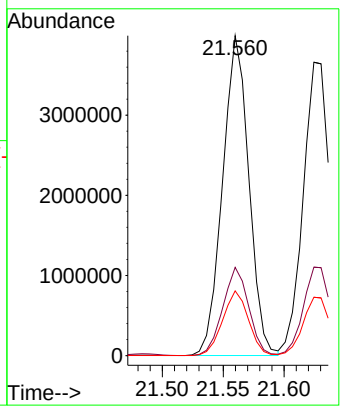





#81
Benzo(a)anthracene
Concen: 39.748 ng
RT: 21.560 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:228 Resp: 599560

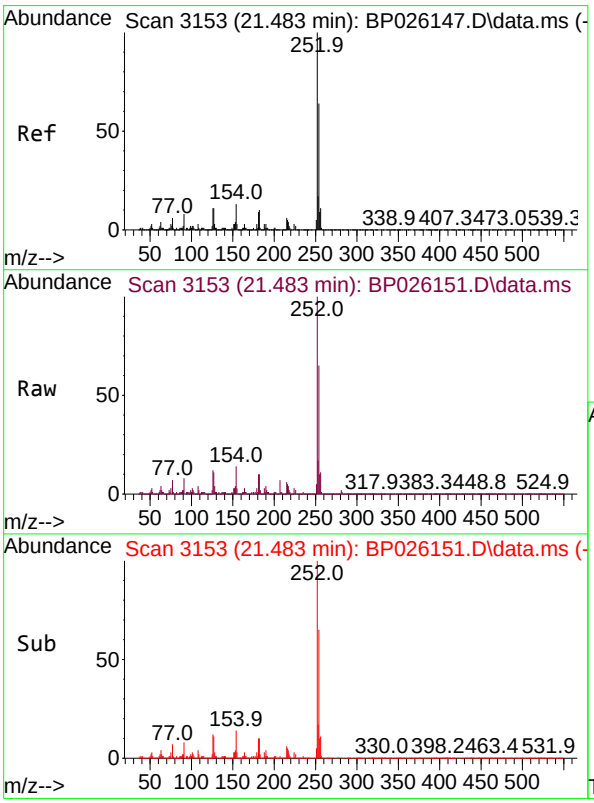
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 21.8 | 32.8 |
| 229 | 20.2 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

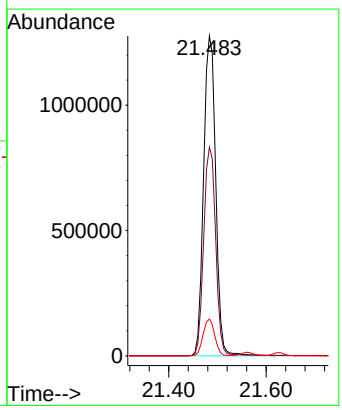
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

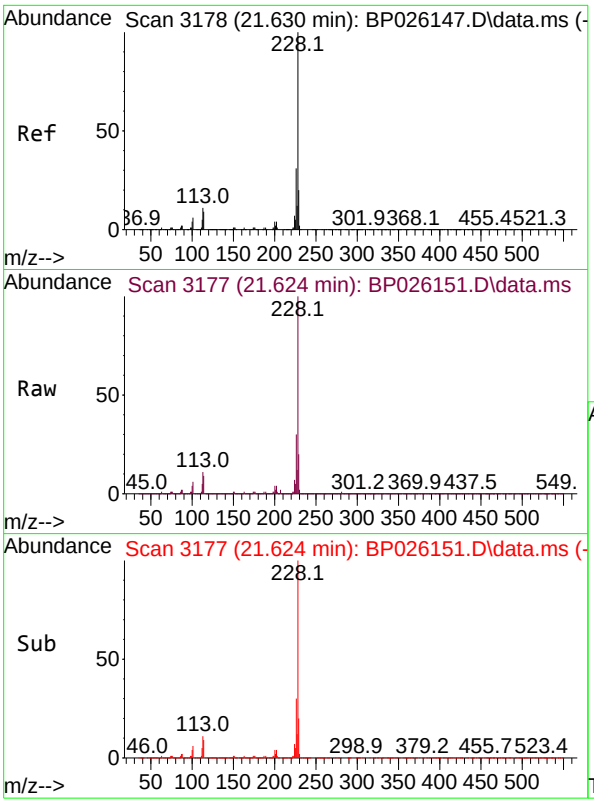



#82
3,3'-Dichlorobenzidine
Concen: 40.210 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 2205669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.2 | 51.2 | 76.8 |
| 126 | 11.5 | 8.2 | 12.4 |

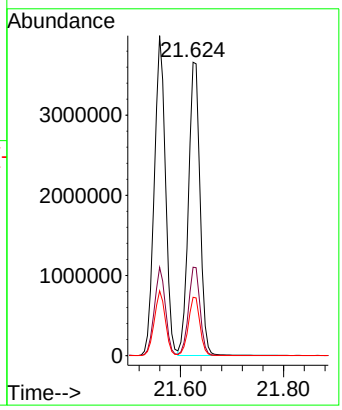





#83
Chrysene
Concen: 39.951 ng
RT: 21.624 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:228 Resp: 567937

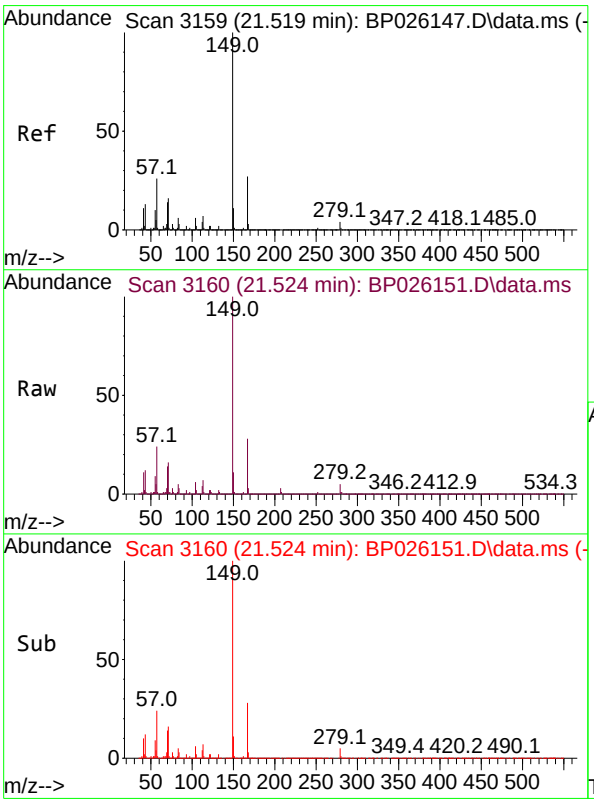
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.9 | 35.9 |
| 229 | 19.9 | 15.9 | 23.9 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

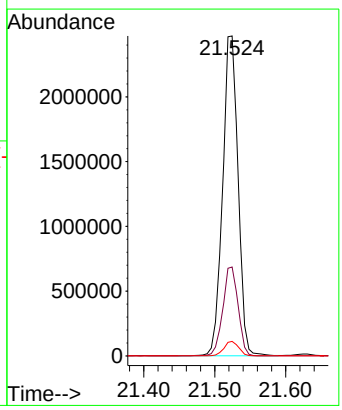
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

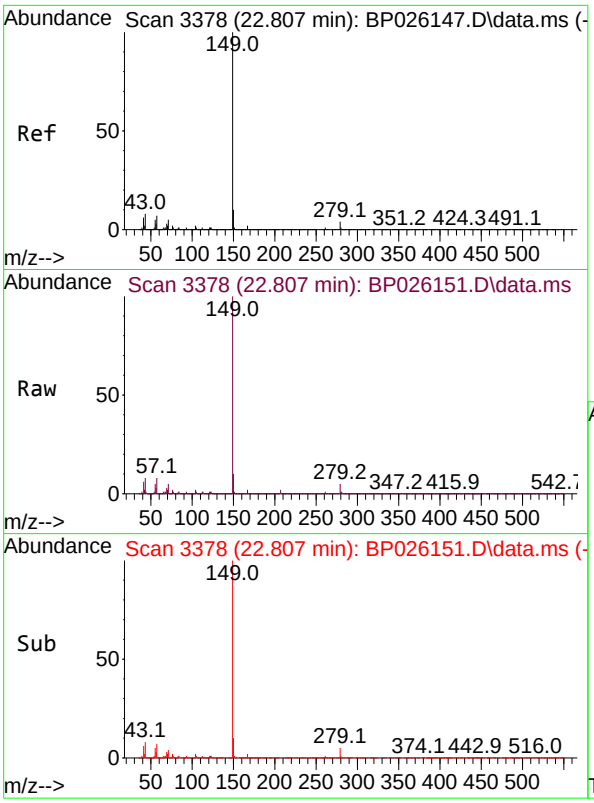



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.974 ng
RT: 21.524 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 3741593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 22.1 | 33.1 |
| 279 | 4.5 | 3.3 | 4.9 |

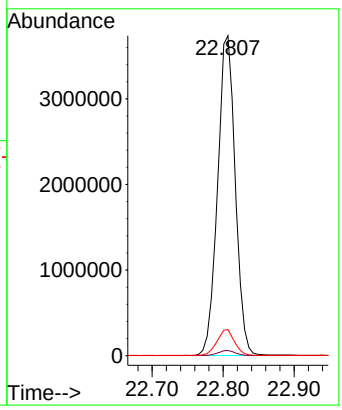





#85
Di-n-octyl phthalate
Concen: 38.576 ng
RT: 22.807 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:149 Resp: 647567

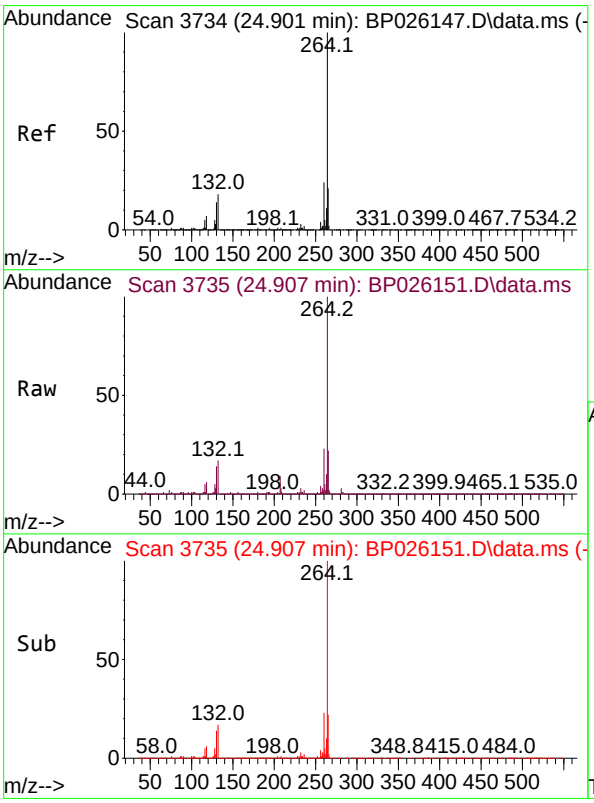
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.0 | 6.6 | 10.0 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

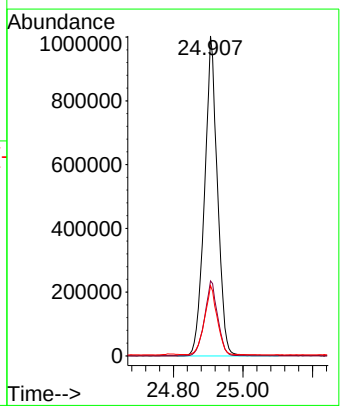
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

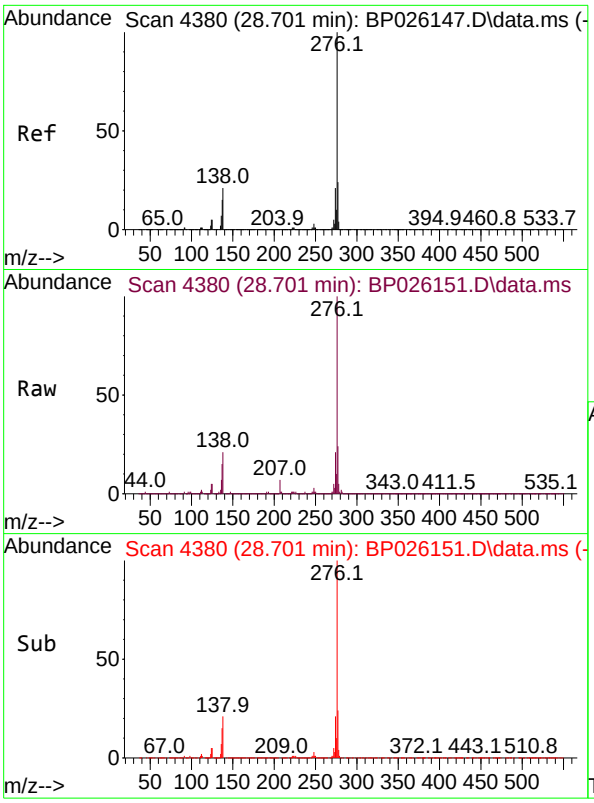



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:264 Resp: 2586780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 18.7 | 28.1 |
| 265 | 21.9 | 17.5 | 26.3 |

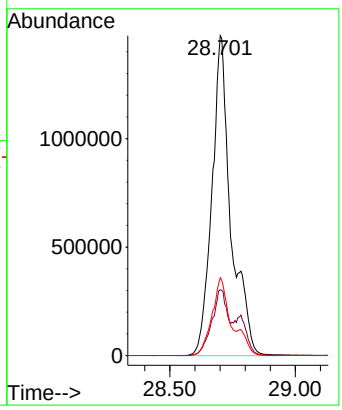





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.852 ng m
RT: 28.701 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:276 Resp: 773132

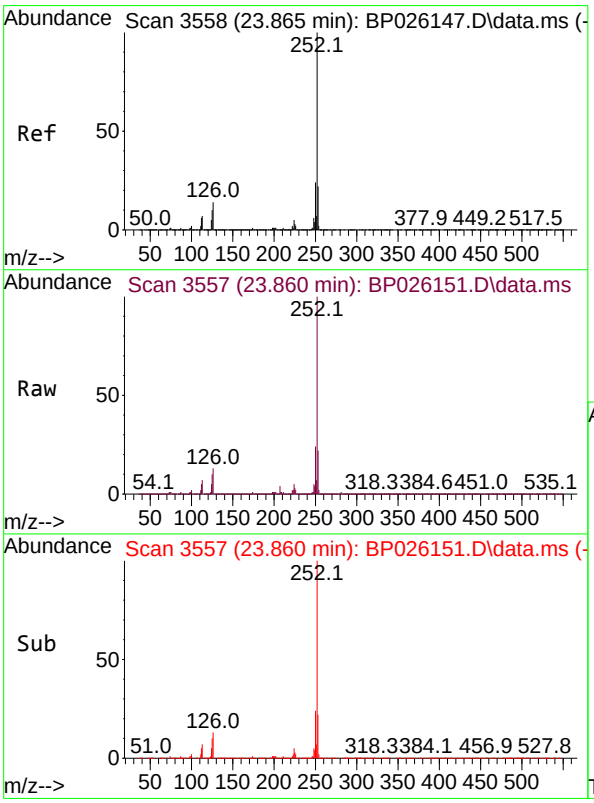
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.9 | 13.8 | 20.8 |
| 277 | 21.3 | 16.7 | 25.1 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

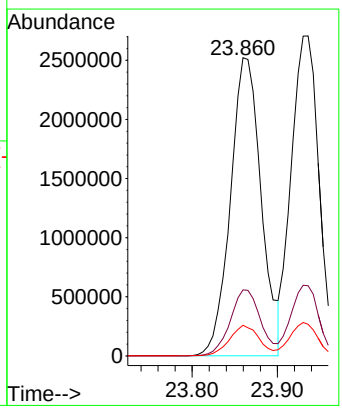
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

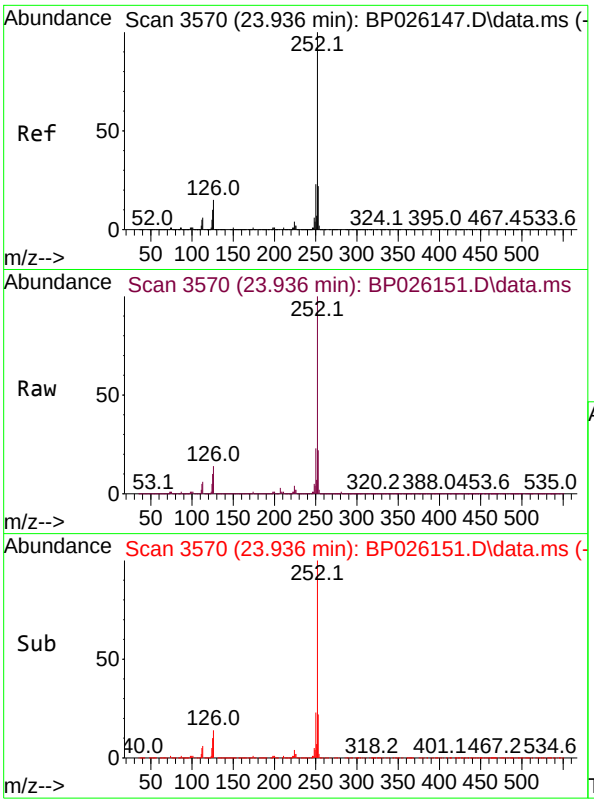



#88
Benzo(b)fluoranthene
Concen: 40.239 ng
RT: 23.860 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 6338827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.3 | 8.2 | 12.4 |

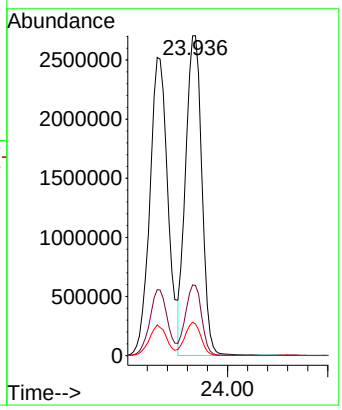





#89
Benzo(k)fluoranthene
Concen: 38.799 ng
RT: 23.936 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 610484

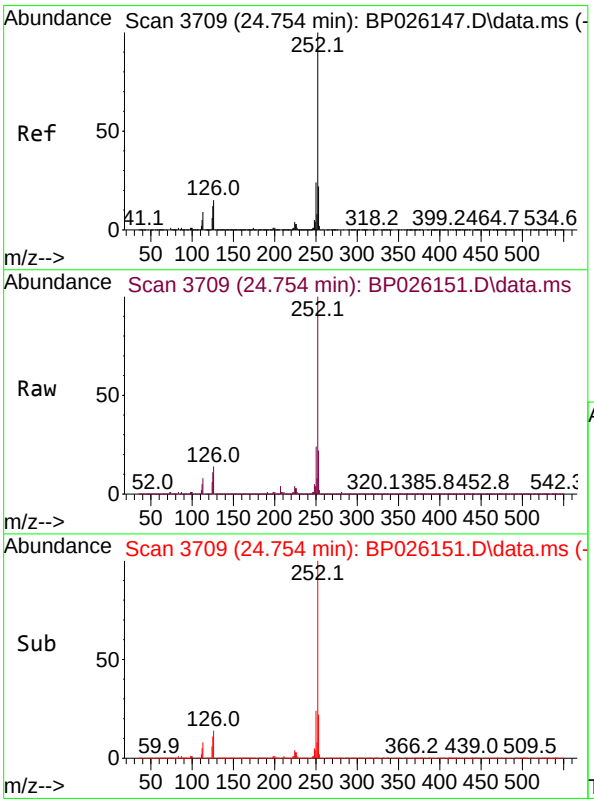
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 9.9 | 7.5 | 11.3 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

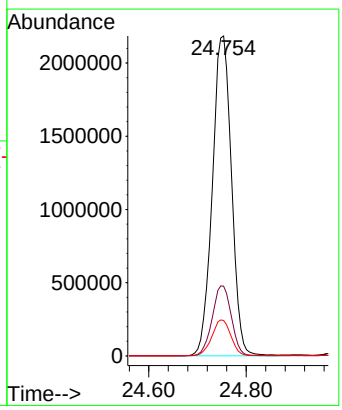
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

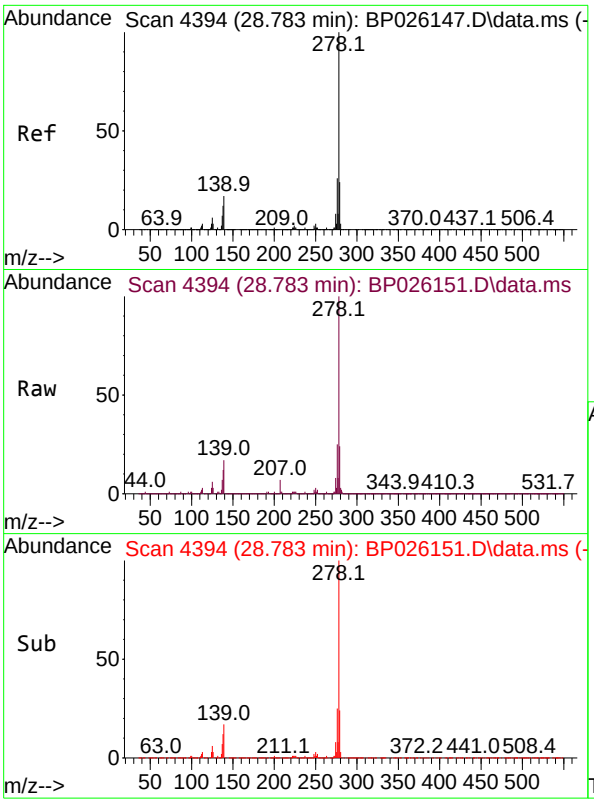



#90
Benzo(a)pyrene
Concen: 39.855 ng
RT: 24.754 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 5947125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.2 |
| 125 | 11.1 | 9.0 | 13.6 |

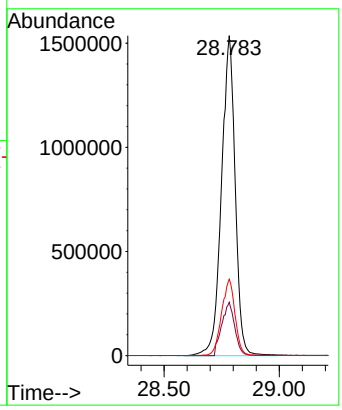





#91
Dibenzo(a,h)anthracene
Concen: 39.970 ng
RT: 28.783 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:278 Resp: 634765

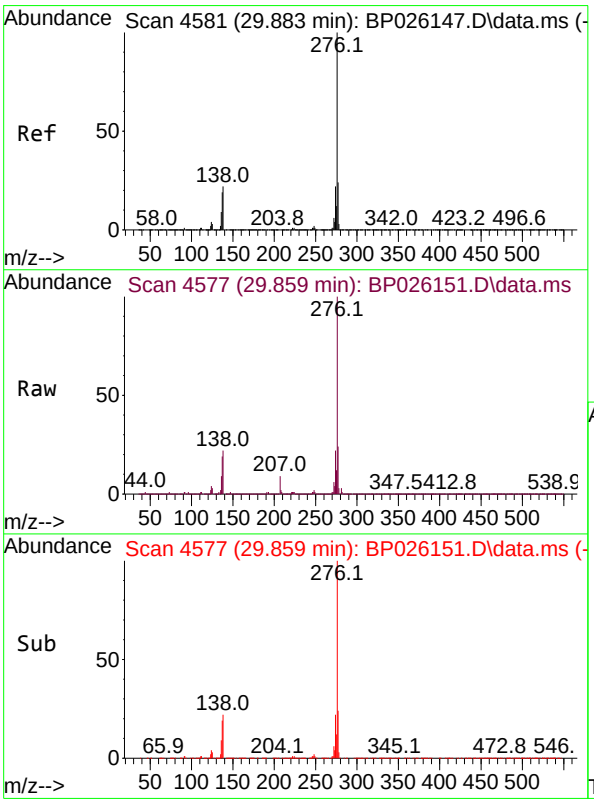
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.7 | 13.2 | 19.8 |
| 279 | 23.9 | 19.2 | 28.8 |




**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

**Manual Integrations**
**APPROVED**

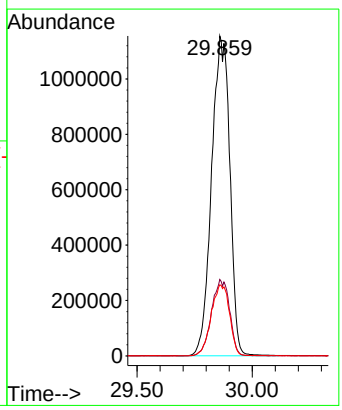
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 40.207 ng
RT: 29.859 min Scan# 4577
Delta R.T. -0.023 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:276 Resp: 6346496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 18.8 | 28.2 |
| 138 | 22.2 | 17.8 | 26.6 |



# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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 | 107 | 0.00 |
| 2 | | 1,4-Dioxane | 0.505 | 0.475 | 5.9 | 105 | 0.00 |
| 3 | | Pyridine | 1.461 | 1.458 | 0.2 | 108 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.546 | 0.545 | 0.2 | 108 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.246 | 1.245 | 0.1 | 107 | 0.00 |
| 6 | | Aniline | 2.094 | 2.186 | -4.4 | 110 | 0.00 |
| 7 | S | Phenol-d6 | 1.586 | 1.667 | -5.1 | 111 | 0.00 |
| 8 | | 2-Chlorophenol | 1.418 | 1.459 | -2.9 | 109 | 0.00 |
| 9 | | Benzaldehyde | 0.831 | 0.948 | -14.1 | 110 | 0.00 |
| 10 | C | Phenol | 1.709 | 1.797 | -5.1 | 110 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.338 | 1.374 | -2.7 | 108 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.528 | 1.512 | 1.0 | 106 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.540 | 1.530 | 0.6 | 107 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.479 | 1.498 | -1.3 | 109 | 0.00 |
| 15 | | Benzyl Alcohol | 1.162 | 1.232 | -6.0 | 111 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.879 | 1.916 | -2.0 | 107 | 0.00 |
| 17 | | 2-Methylphenol | 1.163 | 1.237 | -6.4 | 111 | 0.00 |
| 18 | | Hexachloroethane | 0.560 | 0.567 | -1.2 | 108 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.985 | 1.067 | -8.3 | 112 | 0.00 |
| 20 | | 3+4-Methylphenols | 1.612 | 1.712 | -6.2 | 113 | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 111 | 0.00 |
| 22 | | Acetophenone | 0.508 | 0.505 | 0.6 | 111 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.352 | 0.355 | -0.9 | 111 | 0.00 |
| 24 | | Nitrobenzene | 0.356 | 0.358 | -0.6 | 111 | 0.00 |
| 25 | | Isophorone | 0.698 | 0.721 | -3.3 | 113 | 0.00 |
| 26 | C | 2-Nitrophenol | 0.180 | 0.190 | -5.6 | 112 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.325 | 0.330 | -1.5 | 112 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.437 | 0.442 | -1.1 | 112 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.325 | 0.334 | -2.8 | 113 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.331 | 0.327 | 1.2 | 110 | 0.00 |
| 31 | | Naphthalene | 1.081 | 1.069 | 1.1 | 111 | 0.00 |
| 32 | | Benzoic acid | 0.274 | 0.290 | -5.8 | 117 | 0.01 |
| 33 | | 4-Chloroaniline | 0.460 | 0.473 | -2.8 | 112 | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.215 | 0.210 | 2.3 | 109 | 0.00 |
| 35 | | Caprolactam | 0.116 | 0.122 | -5.2 | 116 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 0.345 | 0.369 | -7.0 | 116 | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.766 | 0.784 | -2.3 | 113 | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.749 | 0.770 | -2.8 | 112 | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 114 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.605 | 0.584 | 3.5 | 111 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.396 | 0.390 | 1.5 | 112 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.259 | 0.261 | -0.8 | 112 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.415 | 0.420 | -1.2 | 114 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.463 | 0.465 | -0.4 | 113 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.365 | 1.297 | 5.0 | 110 | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.506 | 1.464 | 2.8 | 112 | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.184 | 1.149 | 3.0 | 112 | 0.00 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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 | 0.329 | 0.345 | -4.9 | 116 | -0.01 |
| 49 | | Acenaphthylene | 1.953 | 1.938 | 0.8 | 113 | 0.00 |
| 50 | | Dimethylphthalate | 1.494 | 1.470 | 1.6 | 112 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.296 | 0.319 | -7.8 | 115 | 0.00 |
| 52 | C | Acenaphthene | 1.145 | 1.114 | 2.7 | 111 | 0.00 |
| 53 | | 3-Nitroaniline | 0.349 | 0.369 | -5.7 | 116 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.179 | 0.190 | -6.1 | 116 | -0.01 |
| 55 | | Dibenzofuran | 1.773 | 1.730 | 2.4 | 111 | 0.00 |
| 56 | P | 4-Nitrophenol | 0.315 | 0.318 | -1.0 | 114 | -0.01 |
| 57 | | 2,4-Dinitrotoluene | 0.442 | 0.470 | -6.3 | 114 | 0.00 |
| 58 | | Fluorene | 1.401 | 1.365 | 2.6 | 112 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.393 | 0.399 | -1.5 | 113 | 0.00 |
| 60 | | Diethylphthalate | 1.505 | 1.469 | 2.4 | 110 | -0.01 |
| 61 | | 4-Chlorophenyl-phenylether | 0.697 | 0.678 | 2.7 | 111 | 0.00 |
| 62 | | 4-Nitroaniline | 0.362 | 0.368 | -1.7 | 115 | 0.00 |
| 63 | | Azobenzene | 1.269 | 1.264 | 0.4 | 111 | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 113 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.127 | 0.134 | -5.5 | 113 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.619 | 0.619 | 0.0 | 112 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.221 | 0.227 | -2.7 | 111 | 0.00 |
| 68 | | Hexachlorobenzene | 0.257 | 0.259 | -0.8 | 110 | 0.00 |
| 69 | | Atrazine | 0.233 | 0.232 | 0.4 | 110 | 0.00 |
| 70 | C | Pentachlorophenol | 0.180 | 0.183 | -1.7 | 113 | 0.00 |
| 71 | | Phenanthrene | 1.127 | 1.125 | 0.2 | 113 | 0.00 |
| 72 | | Anthracene | 1.149 | 1.150 | -0.1 | 111 | 0.00 |
| 73 | | Carbazole | 1.091 | 1.085 | 0.5 | 111 | 0.00 |
| 74 | | Di-n-butylphthalate | 1.294 | 1.257 | 2.9 | 104 | 0.00 |
| 75 | C | Fluoranthene | 1.369 | 1.339 | 2.2 | 110 | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 110 | 0.00 |
| 77 | | Benzidine | 0.635 | 0.631 | 0.6 | 112 | 0.00 |
| 78 | | Pyrene | 1.311 | 1.334 | -1.8 | 110 | 0.00 |
| 79 | S | Terphenyl-d14 | 0.981 | 0.961 | 2.0 | 107 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.578 | 0.566 | 2.1 | 103 | 0.00 |
| 81 | | Benzo(a)anthracene | 1.374 | 1.365 | 0.7 | 109 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.500 | 0.502 | -0.4 | 110 | 0.00 |
| 83 | | Chrysene | 1.295 | 1.293 | 0.2 | 111 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.874 | 0.852 | 2.5 | 100 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 1.529 | 1.474 | 3.6 | 102 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 115 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.500 | 1.494 | 0.4 | 114 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.218 | 1.225 | -0.6 | 114 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.217 | 1.180 | 3.0 | 112 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.154 | 1.150 | 0.3 | 113 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.228 | 1.227 | 0.1 | 114 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 1.220 | 1.227 | -0.6 | 116 | -0.02 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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

# Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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 | 107 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 37.593 | 6.0 | 105 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.921 | 0.2 | 108 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.942 | 0.1 | 108 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.929 | 0.1 | 107 | 0.00 |
| 6 | | Aniline | 40.000 | 41.740 | -4.4 | 110 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 84.094 | -5.1 | 111 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 41.146 | -2.9 | 109 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 45.618 | -14.0 | 110 | 0.00 |
| 10 | C | Phenol | 40.000 | 42.060 | -5.2 | 110 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 41.067 | -2.7 | 108 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.587 | 1.0 | 106 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.742 | 0.6 | 107 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.516 | -1.3 | 109 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 42.414 | -6.0 | 111 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.794 | -2.0 | 107 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 42.532 | -6.3 | 111 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.466 | -1.2 | 108 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 43.311 | -8.3 | 112 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 42.486 | -6.2 | 113 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 111 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.758 | 0.6 | 111 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.717 | -0.9 | 111 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.166 | -0.4 | 111 | 0.00 |
| 25 | | Isophorone | 40.000 | 41.325 | -3.3 | 113 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.113 | -5.3 | 112 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.595 | -1.5 | 112 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 40.412 | -1.0 | 112 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 41.185 | -3.0 | 113 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.515 | 1.2 | 110 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.543 | 1.1 | 111 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.328 | -5.8 | 117 | 0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 41.152 | -2.9 | 112 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.979 | 2.6 | 109 | 0.00 |
| 35 | | Caprolactam | 40.000 | 41.978 | -4.9 | 116 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 42.798 | -7.0 | 116 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.901 | -2.3 | 113 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 41.101 | -2.8 | 112 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 114 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 38.653 | 3.4 | 111 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 39.451 | 1.4 | 112 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 80.522 | -0.7 | 112 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.482 | -1.2 | 114 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.200 | -0.5 | 113 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 76.016 | 5.0 | 110 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 38.891 | 2.8 | 112 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 38.816 | 3.0 | 112 | 0.00 |

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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 | 41.880 | -4.7 | 116 | -0.01 |
| 49 | | Acenaphthylene | 40.000 | 39.676 | 0.8 | 113 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.365 | 1.6 | 112 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 43.045 | -7.6 | 115 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 38.919 | 2.7 | 111 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 42.369 | -5.9 | 116 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 42.569 | -6.4 | 116 | -0.01 |
| 55 | | Dibenzofuran | 40.000 | 39.037 | 2.4 | 111 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 40.312 | -0.8 | 114 | -0.01 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 42.577 | -6.4 | 114 | 0.00 |
| 58 | | Fluorene | 40.000 | 38.962 | 2.6 | 112 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 40.668 | -1.7 | 113 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 39.059 | 2.4 | 110 | -0.01 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 38.882 | 2.8 | 111 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 40.700 | -1.8 | 115 | 0.00 |
| 63 | | Azobenzene | 40.000 | 39.832 | 0.4 | 111 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 113 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 42.199 | -5.5 | 113 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 40.009 | -0.0 | 112 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 40.921 | -2.3 | 111 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 40.295 | -0.7 | 110 | 0.00 |
| 69 | | Atrazine | 40.000 | 39.843 | 0.4 | 110 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 40.719 | -1.8 | 113 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 39.930 | 0.2 | 113 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.026 | -0.1 | 111 | 0.00 |
| 73 | | Carbazole | 40.000 | 39.777 | 0.6 | 111 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 38.873 | 2.8 | 104 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 39.137 | 2.2 | 110 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 110 | 0.00 |
| 77 | | Benzidine | 40.000 | 39.739 | 0.7 | 112 | 0.00 |
| 78 | | Pyrene | 40.000 | 40.685 | -1.7 | 110 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 78.411 | 2.0 | 107 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 39.196 | 2.0 | 103 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.748 | 0.6 | 109 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 40.210 | -0.5 | 110 | 0.00 |
| 83 | | Chrysene | 40.000 | 39.951 | 0.1 | 111 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 38.974 | 2.6 | 100 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 38.576 | 3.6 | 102 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 115 | 0.00 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.852 | 0.4 | 114 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 40.239 | -0.6 | 114 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 38.799 | 3.0 | 112 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.855 | 0.4 | 113 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 39.970 | 0.1 | 114 | -0.01 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 40.207 | -0.5 | 116 | -0.02 |

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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

Raw Data: **BG064799.D**

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: ALLI03

Lab Code: ACE SDG No.: Q3483

Instrument ID: BNA_G Calibration Date/Time: 11/18/2025 12:10

Lab File ID: BG064799.D Init. Calib. Date(s): 11/12/2025 11/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| n-Nitrosodimethylamine | 0.672 | 0.604 | | -10.1 | |
| Pyridine | 1.321 | 1.291 | | -2.3 | |
| 2-Fluorophenol | 1.145 | 1.128 | | -1.5 | |
| Benzaldehyde | 0.997 | 0.912 | | -8.5 | |
| Aniline | 2.030 | 2.030 | | 0.0 | |
| Phenol-d6 | 1.523 | 1.523 | | 0.0 | |
| Phenol | 1.657 | 1.689 | | 1.9 | 20.0 |
| bis(2-Chloroethyl)ether | 1.179 | 1.233 | | 4.6 | |
| 2-Chlorophenol | 1.258 | 1.269 | | 0.9 | |
| 1,2-Dichlorobenzene | 1.429 | 1.420 | | -0.6 | |
| 1,3-Dichlorobenzene | 1.447 | 1.436 | | -0.8 | |
| 1,4-Dichlorobenzene | 1.474 | 1.455 | | -1.3 | 20.0 |
| Benzyl Alcohol | 1.250 | 1.236 | | -1.1 | |
| 2-Methylphenol | 1.173 | 1.178 | | 0.4 | |
| 2,2-oxybis(1-Chloropropane) | 2.792 | 2.561 | | -8.3 | |
| Acetophenone | 0.545 | 0.562 | | 3.1 | |
| 3+4-Methylphenols | 1.607 | 1.588 | | -1.2 | |
| n-Nitroso-di-n-propylamine | 1.030 | 1.047 | 0.050 | 1.6 | |
| Nitrobenzene-d5 | 0.405 | 0.405 | | 0.0 | |
| Hexachloroethane | 0.558 | 0.526 | | -5.7 | |
| Nitrobenzene | 0.409 | 0.420 | | 2.7 | |
| Isophorone | 0.770 | 0.766 | | -0.5 | |
| 2-Nitrophenol | 0.184 | 0.195 | | 6.0 | 20.0 |
| 2,4-Dimethylphenol | 0.327 | 0.336 | | 2.8 | |
| bis(2-Chloroethoxy)methane | 0.423 | 0.444 | | 5.0 | |
| 2,4-Dichlorophenol | 0.351 | 0.366 | | 4.3 | 20.0 |
| 1,2,4-Trichlorobenzene | 0.423 | 0.421 | | -0.5 | |
| Benzoic acid | 0.205 | 0.217 | | 5.9 | |
| Naphthalene | 1.134 | 1.122 | | -1.1 | |
| 4-Chloroaniline | 0.454 | 0.472 | | 4.0 | |
| Hexachlorobutadiene | 0.363 | 0.353 | | -2.8 | 20.0 |
| Caprolactam | 0.105 | 0.115 | | 9.5 | |
| 4-Chloro-3-methylphenol | 0.390 | 0.405 | | 3.8 | 20.0 |
| 2-Methylnaphthalene | 0.848 | 0.836 | | -1.4 | |
| Hexachlorocyclopentadiene | 0.558 | 0.528 | 0.050 | -5.4 | |
| 2,4,6-Trichlorophenol | 0.457 | 0.464 | | 1.5 | 20.0 |
| 2-Fluorobiphenyl | 1.433 | 1.382 | | -3.6 | |
| 2,4,5-Trichlorophenol | 0.512 | 0.515 | | 0.6 | |
| 1,1-Biphenyl | 1.436 | 1.390 | | -3.2 | |

Raw Data: **BG064799.D**

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: ALLI03

Lab Code: ACE SDG No.: Q3483

Instrument ID: BNA_G Calibration Date/Time: 11/18/2025 12:10

Lab File ID: BG064799.D Init. Calib. Date(s): 11/12/2025 11/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Chloronaphthalene | 1.132 | 1.114 | | -1.6 | |
| 2-Nitroaniline | 0.364 | 0.381 | | 4.7 | |
| Dimethylphthalate | 1.580 | 1.559 | | -1.3 | |
| Acenaphthylene | 1.933 | 1.911 | | -1.1 | |
| 2,6-Dinitrotoluene | 0.304 | 0.313 | | 3.0 | |
| 3-Nitroaniline | 0.300 | 0.325 | | 8.3 | |
| Acenaphthene | 1.159 | 1.177 | | 1.6 | 20.0 |
| 2,4-Dinitrophenol | 0.158 | 0.190 | 0.050 | 20.3 | |
| 4-Nitrophenol | 0.238 | 0.263 | 0.050 | 10.5 | |
| Dibenzofuran | 1.916 | 1.888 | | -1.5 | |
| 2,4-Dinitrotoluene | 0.456 | 0.484 | | 6.1 | |
| Diethylphthalate | 1.513 | 1.534 | | 1.4 | |
| 4-Chlorophenyl-phenylether | 0.902 | 0.892 | | -1.1 | |
| Fluorene | 1.503 | 1.464 | | -2.6 | |
| 4-Nitroaniline | 0.311 | 0.348 | | 11.9 | |
| 4,6-Dinitro-2-methylphenol | 0.111 | 0.127 | | 14.4 | |
| n-Nitrosodiphenylamine | 0.524 | 0.537 | | 2.5 | 20.0 |
| Azobenzene | 1.259 | 1.262 | | 0.2 | |
| 2,4,6-Tribromophenol | 0.390 | 0.387 | | -0.8 | |
| 4-Bromophenyl-phenylether | 0.263 | 0.264 | | 0.4 | |
| Hexachlorobenzene | 0.318 | 0.315 | | -0.9 | |
| Atrazine | 0.253 | 0.253 | | 0.0 | |
| Pentachlorophenol | 0.157 | 0.186 | | 18.5 | 20.0 |
| Phenanthrene | 1.094 | 1.106 | | 1.1 | |
| Anthracene | 1.116 | 1.131 | | 1.3 | |
| Carbazole | 0.959 | 0.965 | | 0.6 | |
| Di-n-butylphthalate | 1.070 | 1.097 | | 2.5 | |
| Fluoranthene | 1.496 | 1.451 | | -3.0 | 20.0 |
| Benzidine | 0.599 | 0.507 | | -15.4 | |
| Pyrene | 1.121 | 1.228 | | 9.5 | |
| Terphenyl-d14 | 1.017 | 1.058 | | 4.0 | |
| Butylbenzylphthalate | 0.394 | 0.421 | | 6.9 | |
| 3,3-Dichlorobenzidine | 0.501 | 0.456 | | -9.0 | |
| Benzo(a)anthracene | 1.360 | 1.329 | | -2.3 | |
| Chrysene | 1.282 | 1.259 | | -1.8 | |
| Bis(2-ethylhexyl)phthalate | 0.576 | 0.574 | | -0.3 | |
| Di-n-octyl phthalate | 0.996 | 0.952 | | -4.4 | 20.0 |
| Benzo(b)fluoranthene | 1.273 | 1.265 | | -0.6 | |
| Benzo(k)fluoranthene | 1.279 | 1.283 | | 0.3 | |

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG No.: Q3483

Instrument ID: BNA_G Calibration Date/Time: 11/18/2025 12:10

Lab File ID: BG064799.D Init. Calib. Date(s): 11/12/2025 11/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Benzo(a)pyrene | 1.181 | 1.169 | | -1.0 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.374 | 1.420 | | 3.3 | |
| Dibenzo(a,h)anthracene | 1.126 | 1.168 | | 3.7 | |
| Benzo(g,h,i)perylene | 1.083 | 1.137 | | 5.0 | |
| 1,2,4,5-Tetrachlorobenzene | 0.778 | 0.756 | | -2.8 | |
| 1,4-Dioxane | 0.443 | 0.411 | | -7.2 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.506 | 0.533 | | 5.3 | |
| 1-Methylnaphthalene | 0.843 | 0.828 | | -1.8 | |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.164 | 152 | 48235 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.978 | 136 | 186828 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.774 | 164 | 151237 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.500 | 188 | 378244 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.754 | 240 | 462465 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.009 | 264 | 455207 | 20.000 | ng | | -0.02 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.696 | 112 | 217553 | 78.759 | ng | | 0.00 |
| 7) Phenol-d6 | 7.306 | 99 | 293820 | 79.975 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.327 | 82 | 302316 | 80.006 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.248 | 330 | 234306 | 79.437 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.405 | 172 | 835854 | 77.118 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.091 | 244 | 1956806 | 83.233 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.528 | 88 | 39621 | 37.051 | ng | | 98 |
| 3) Pyridine | 3.939 | 79 | 124586 | 39.101 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.845 | 42 | 58234 | 35.909 | ng | | 87 |
| 6) Aniline | 7.482 | 93 | 195851 | 39.994 | ng | | 98 |
| 8) 2-Chlorophenol | 7.723 | 128 | 122447 | 40.371 | ng | | 97 |
| 9) Benzaldehyde | 7.288 | 77 | 88012 | 36.596 | ng | | 98 |
| 10) Phenol | 7.335 | 94 | 162976 | 40.771 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.570 | 93 | 118920 | 41.807 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.052 | 146 | 138506 | 39.686 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.199 | 146 | 140408 | 39.509 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.522 | 146 | 136943 | 39.742 | ng | | 99 |
| 15) Benzyl Alcohol | 8.393 | 79 | 119248 | 39.543 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.687 | 45 | 247038 | 36.692 | ng | | 97 |
| 17) 2-Methylphenol | 8.599 | 107 | 113653 | 40.183 | ng | | 96 |
| 18) Hexachloroethane | 9.257 | 117 | 50733 | 37.692 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.969 | 70 | 101042 | 40.675 | ng | | 91 |
| 20) 3+4-Methylphenols | 8.928 | 107 | 153166 | 39.529 | ng | | 97 |
| 22) Acetophenone | 8.986 | 105 | 209958 | 41.249 | ng | # | 95 |
| 24) Nitrobenzene | 9.368 | 77 | 157047 | 41.133 | ng | | 97 |
| 25) Isophorone | 9.897 | 82 | 286217 | 39.776 | ng | | 98 |
| 26) 2-Nitrophenol | 10.085 | 139 | 73031 | 42.526 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 10.132 | 122 | 125415 | 41.107 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 10.373 | 93 | 165776 | 41.964 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.620 | 162 | 136684 | 41.729 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.843 | 180 | 157317 | 39.774 | ng | | 96 |
| 31) Naphthalene | 11.031 | 128 | 419381 | 39.598 | ng | | 100 |
| 32) Benzoic acid | 10.261 | 122 | 80990 | 38.885 | ng | | 95 |
| 33) 4-Chloroaniline | 11.125 | 127 | 176470 | 41.653 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.319 | 225 | 131861 | 38.855 | ng | | 98 |
| 35) Caprolactam | 11.895 | 113 | 43151 | 44.045 | ng | # | 87 |
| 36) 4-Chloro-3-methylphenol | 12.235 | 107 | 151449 | 41.541 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.623 | 142 | 312343 | 39.410 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.841 | 142 | 309319 | 39.290 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.988 | 216 | 228603 | 38.840 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.970 | 237 | 159557 | 37.821 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.217 | 196 | 140293 | 40.613 | ng | | 98 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

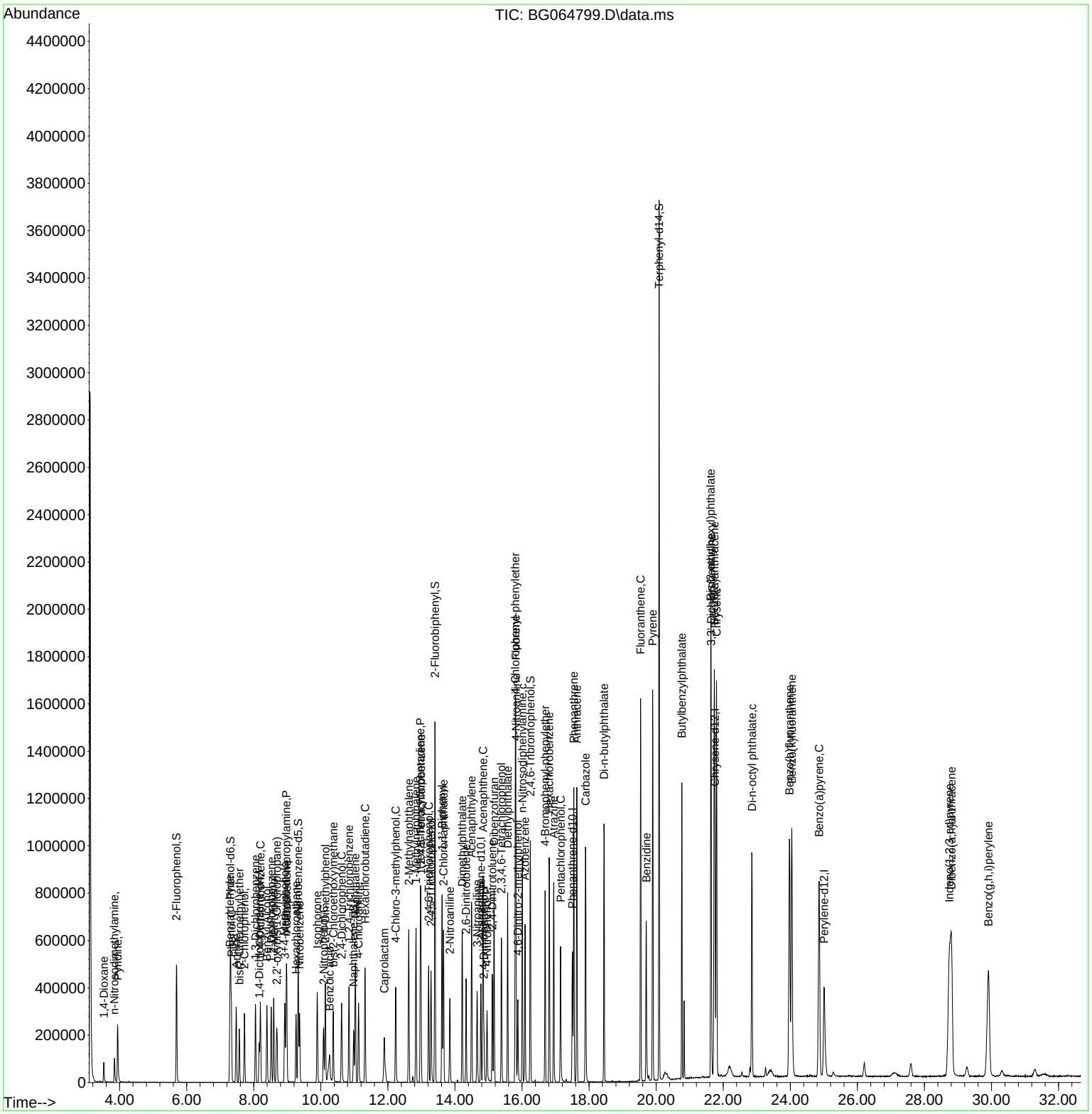
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.287 | 196 | 155625 | 40.168 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.616 | 154 | 420430 | 38.705 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.663 | 162 | 336969 | 39.376 | ng | | 98 |
| 48) 2-Nitroaniline | 13.851 | 65 | 115360 | 41.911 | ng | | 99 |
| 49) Acenaphthylene | 14.498 | 152 | 578090 | 39.541 | ng | | 98 |
| 50) Dimethylphthalate | 14.216 | 163 | 471562 | 39.472 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 14.333 | 165 | 94651 | 41.173 | ng | | 98 |
| 52) Acenaphthene | 14.838 | 154 | 355990 | 40.611 | ng | | 98 |
| 53) 3-Nitroaniline | 14.662 | 138 | 98294 | 43.322 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.862 | 184 | 57590 | 41.231 | ng | # | 73 |
| 55) Dibenzofuran | 15.167 | 168 | 571101 | 39.408 | ng | | 97 |
| 56) 4-Nitrophenol | 14.956 | 139 | 79574 | 44.204 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 15.114 | 165 | 146447 | 42.493 | ng | | 98 |
| 58) Fluorene | 15.814 | 166 | 442954 | 38.971 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.385 | 232 | 161281 | 42.191 | ng | | 97 |
| 60) Diethylphthalate | 15.573 | 149 | 463863 | 40.532 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.802 | 204 | 269848 | 39.560 | ng | | 99 |
| 62) 4-Nitroaniline | 15.820 | 138 | 105356 | 44.822 | ng | | 93 |
| 63) Azobenzene | 16.090 | 77 | 381695 | 40.098 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.878 | 198 | 95856 | 45.644 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 16.008 | 169 | 405863 | 40.965 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.689 | 248 | 199498 | 40.163 | ng | | 99 |
| 68) Hexachlorobenzene | 16.812 | 284 | 238603 | 39.648 | ng | | 99 |
| 69) Atrazine | 16.948 | 200 | 191104 | 40.007 | ng | | 98 |
| 70) Pentachlorophenol | 17.153 | 266 | 141056 | 42.710 | ng | | 95 |
| 71) Phenanthrene | 17.547 | 178 | 836435 | 40.417 | ng | | 100 |
| 72) Anthracene | 17.635 | 178 | 855270 | 40.530 | ng | | 98 |
| 73) Carbazole | 17.899 | 167 | 729900 | 40.235 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.446 | 149 | 829570 | 40.989 | ng | | 100 |
| 75) Fluoranthene | 19.539 | 202 | 1097600 | 38.785 | ng | | 99 |
| 77) Benzidine | 19.709 | 184 | 469297 | 33.884 | ng | | 98 |
| 78) Pyrene | 19.897 | 202 | 1136034 | 43.830 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.767 | 149 | 389152 | 42.685 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.736 | 228 | 1229496 | 39.099 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.642 | 252 | 421764 | 36.440 | ng | | 99 |
| 83) Chrysene | 21.801 | 228 | 1164626 | 39.284 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.630 | 149 | 530522 | 39.823 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.858 | 149 | 880187 | 38.222 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.746 | 276 | 1292789 | 41.337 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.975 | 252 | 1151279 | 39.742 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.045 | 252 | 1168193 | 40.139 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.862 | 252 | 1064131 | 39.600 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 28.804 | 278 | 1063773 | 41.520 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 29.915 | 276 | 1034901 | 41.971 | ng | | 98 |

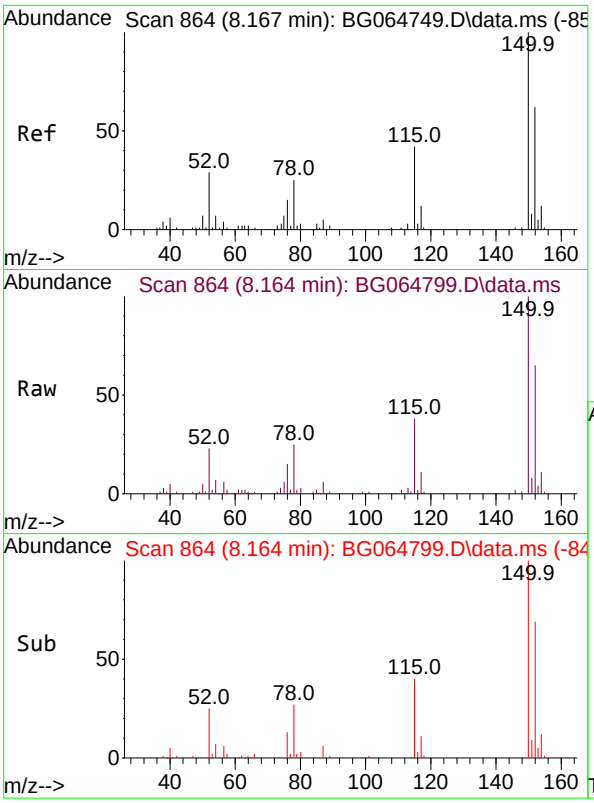
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



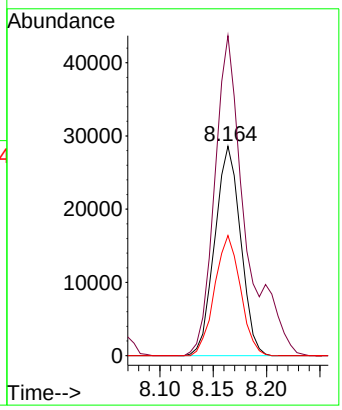


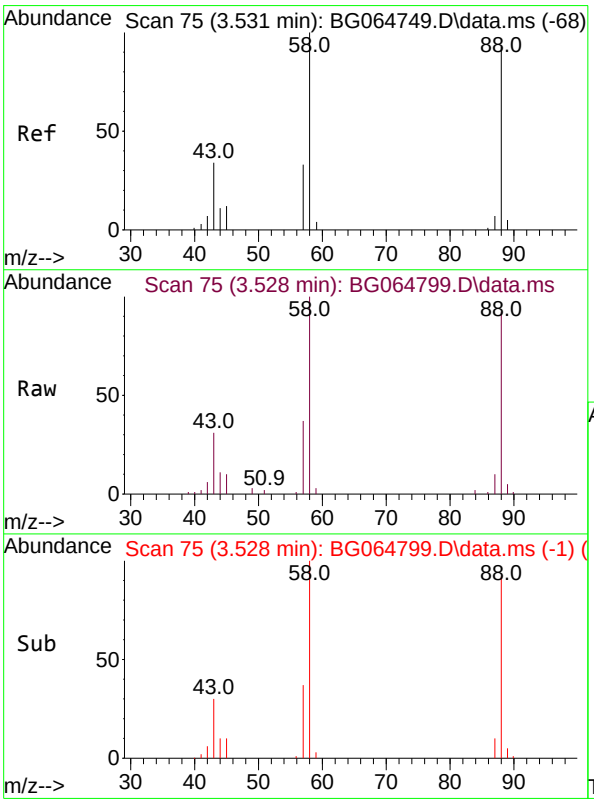

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 48235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.8 | 129.2 | 193.8 |
| 115 | 57.3 | 53.7 | 80.5 |

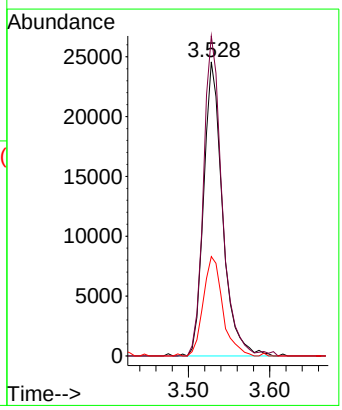


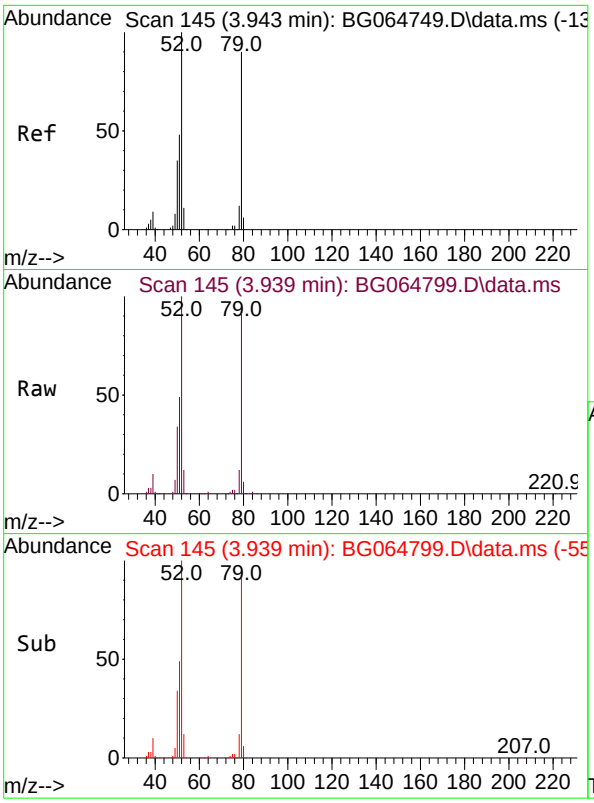




#2
1,4-Dioxane
Concen: 37.051 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 88 Resp: 39621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 107.1 | 84.6 | 126.8 |
| 43 | 34.7 | 30.0 | 45.0 |



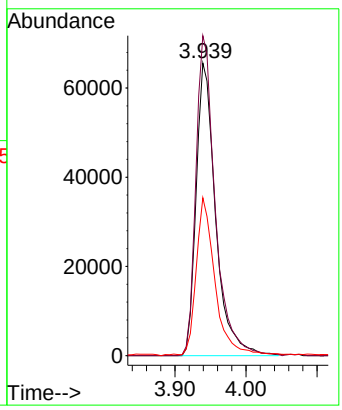


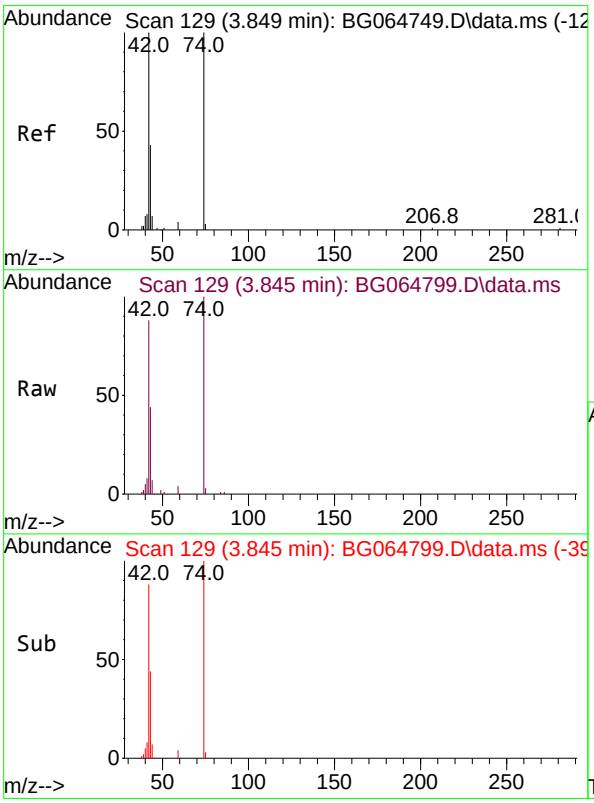

#3
Pyridine
Concen: 39.101 ng
RT: 3.939 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 124586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 109.4 | 89.0 | 133.4 |
| 51 | 54.0 | 43.4 | 65.0 |

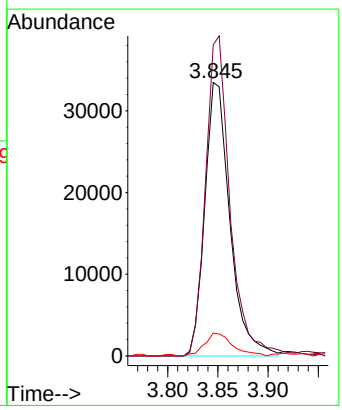


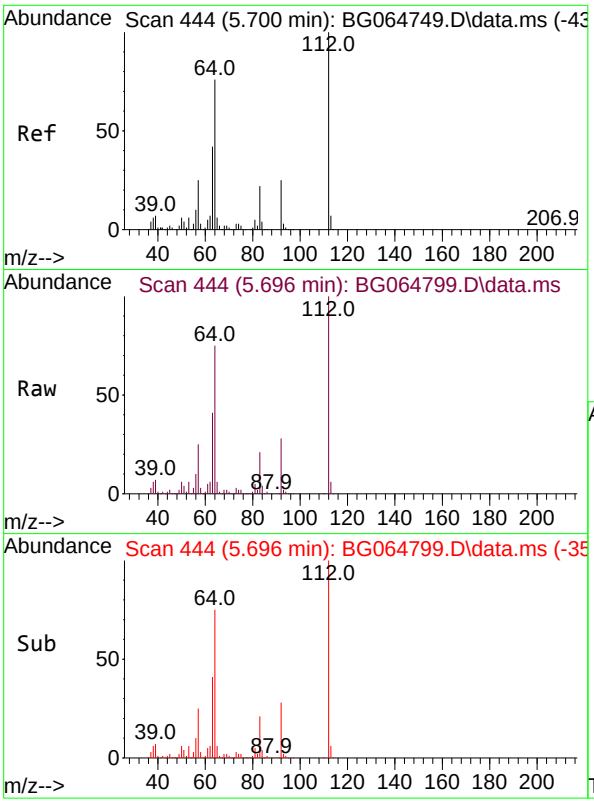




#4
n-Nitrosodimethylamine
Concen: 35.909 ng
RT: 3.845 min Scan# 129
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 42 Resp: 58234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 113.8 | 79.8 | 119.6 |
| 44 | 8.3 | 5.9 | 8.9 |



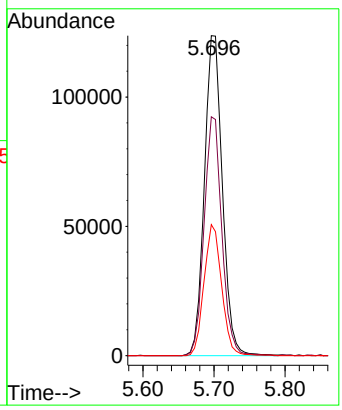


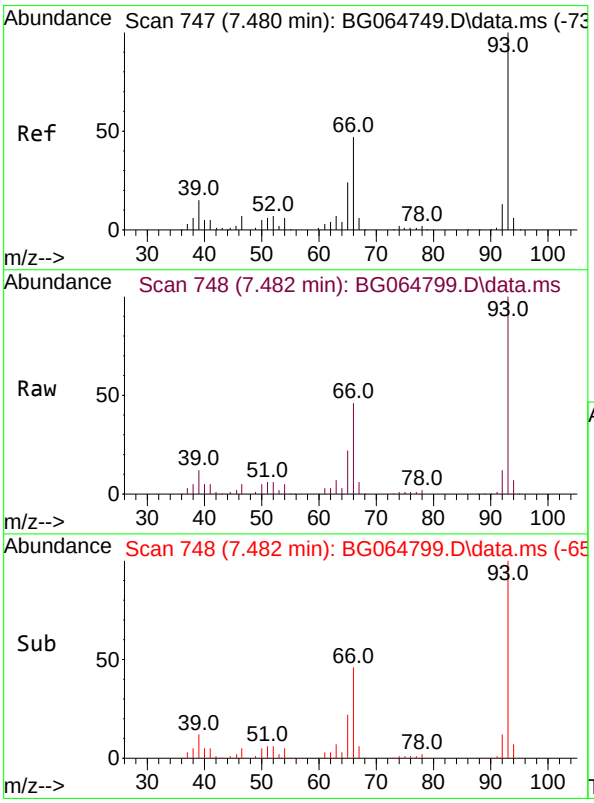

#5
2-Fluorophenol
Concen: 78.759 ng
RT: 5.696 min Scan# 44
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 217553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.6 | 61.0 | 91.4 |
| 63 | 40.9 | 33.3 | 49.9 |

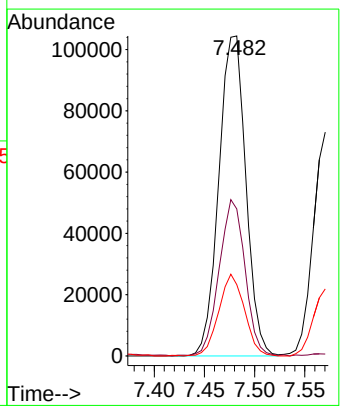


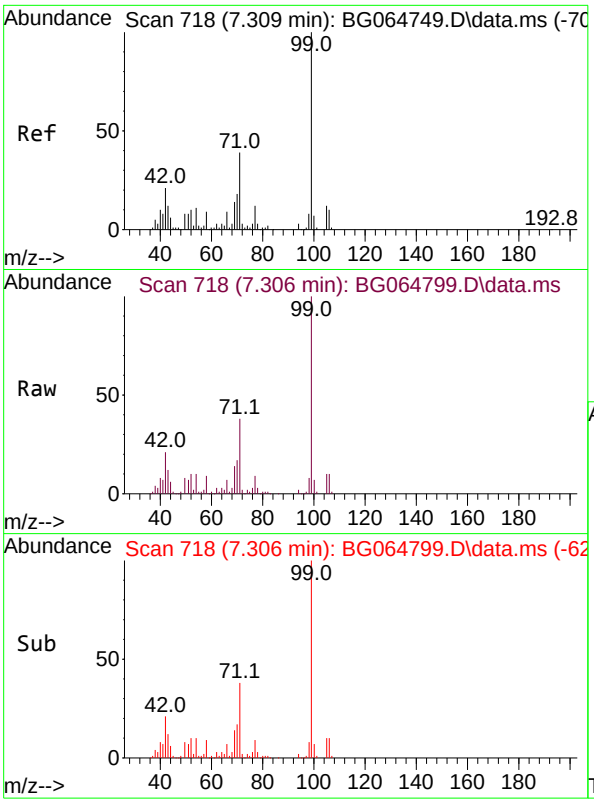




#6
Aniline
Concen: 39.994 ng
RT: 7.482 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 93 Resp: 195851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 45.9 | 37.7 | 56.5 |
| 65 | 22.3 | 19.1 | 28.7 |



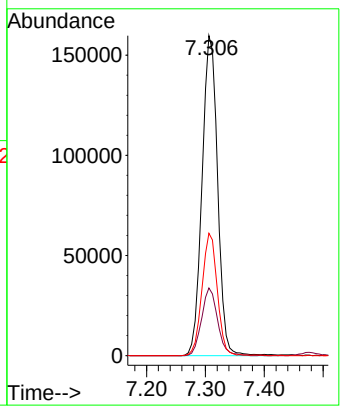


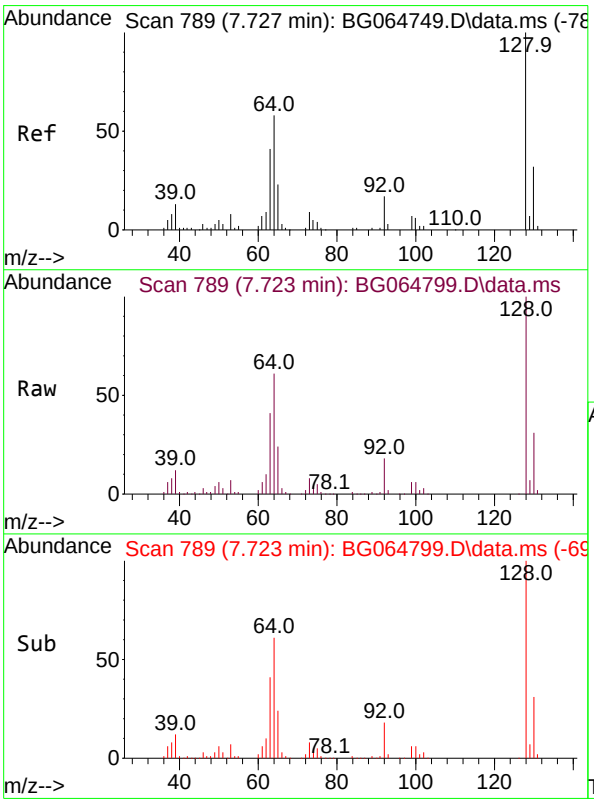

#7
Phenol-d6
Concen: 79.975 ng
RT: 7.306 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 293820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.1 | 16.8 | 25.2 |
| 71 | 38.2 | 31.1 | 46.7 |

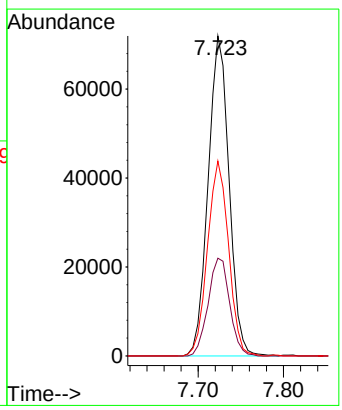


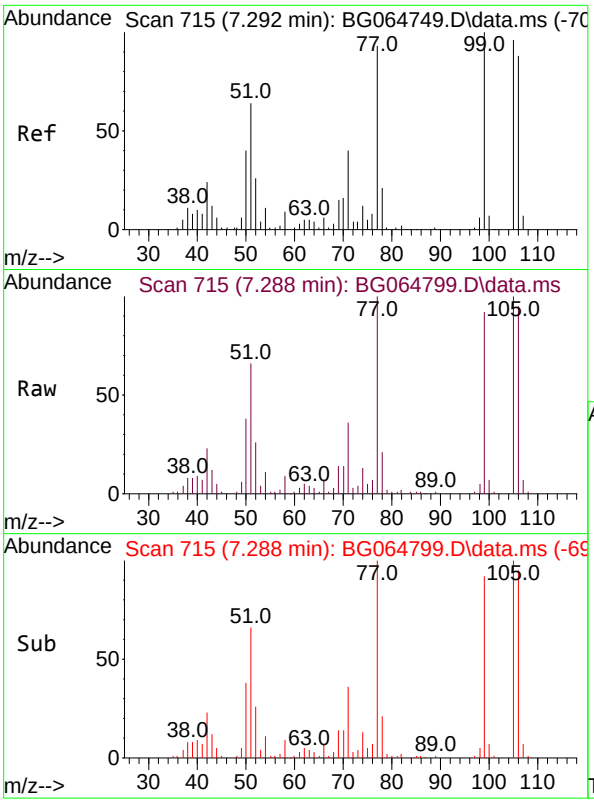




#8
2-Chlorophenol
Concen: 40.371 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:128 Resp: 122447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.5 | 11.9 | 51.9 |
| 64 | 60.9 | 38.4 | 78.4 |



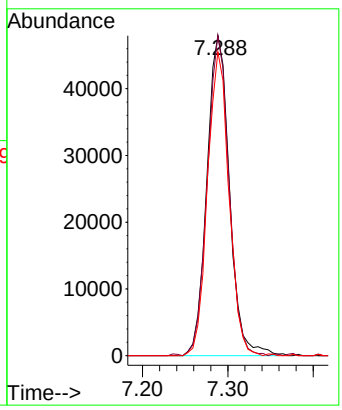


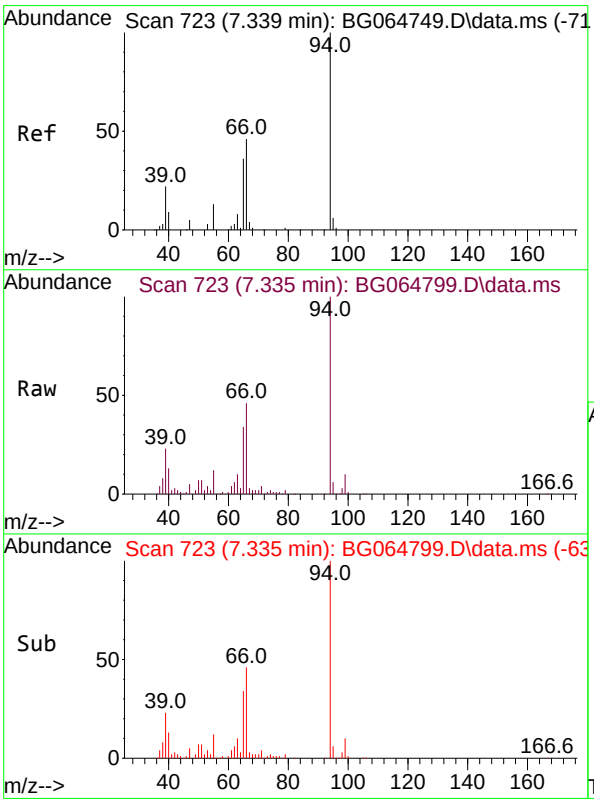

#9
Benzaldehyde
Concen: 36.596 ng
RT: 7.288 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 88012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.0 | 83.8 | 123.8 |
| 106 | 94.9 | 74.3 | 114.3 |

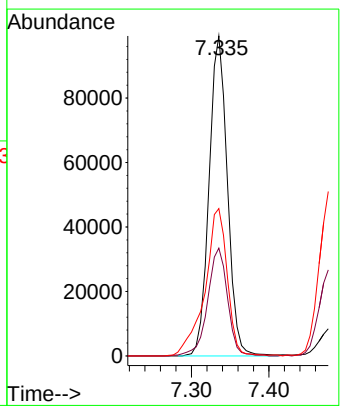


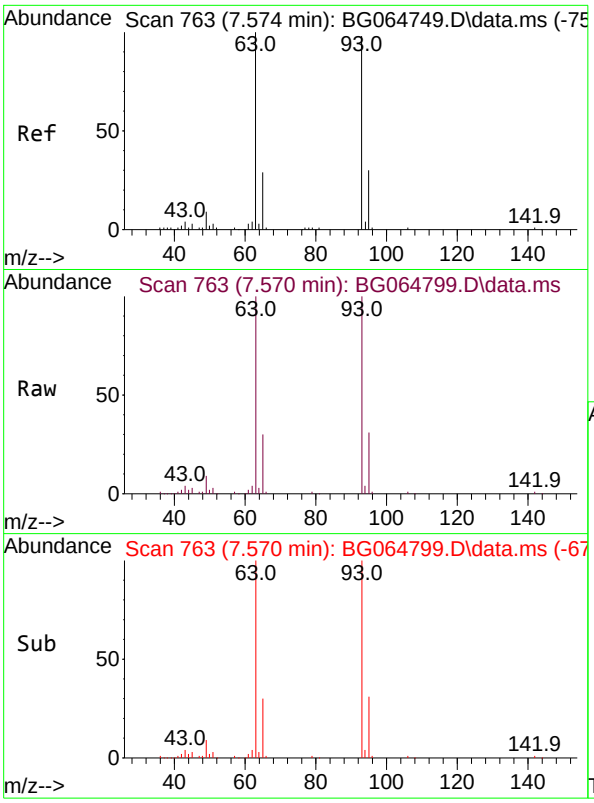




#10
Phenol
Concen: 40.771 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 94 Resp: 162976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.7 | 17.0 | 57.0 |
| 66 | 46.0 | 29.8 | 69.8 |



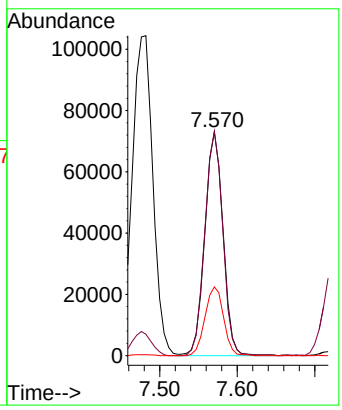


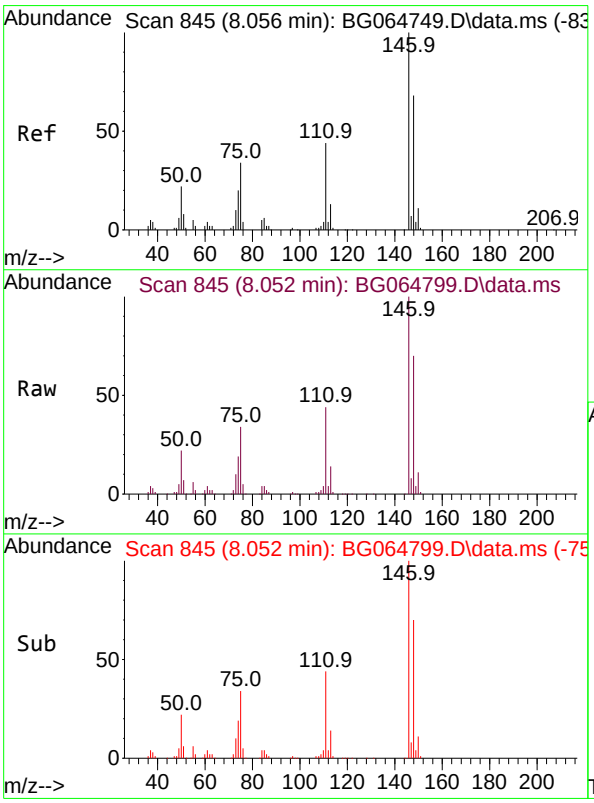

#11
bis(2-Chloroethyl)ether
Concen: 41.807 ng
RT: 7.570 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 118920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 100.2 | 81.8 | 121.8 |
| 95 | 30.7 | 10.3 | 50.3 |

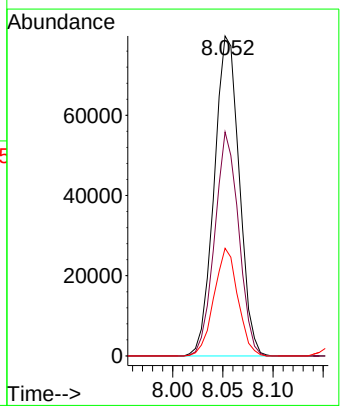


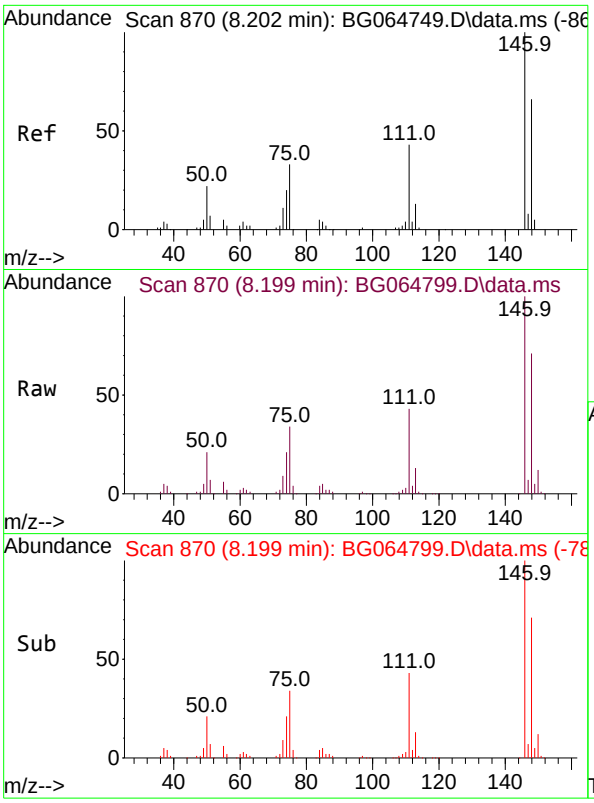




#12
1,3-Dichlorobenzene
Concen: 39.686 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:146 Resp: 138506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.0 | 54.6 | 82.0 |
| 75 | 33.6 | 27.6 | 41.4 |



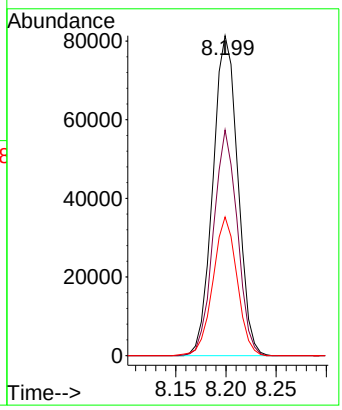


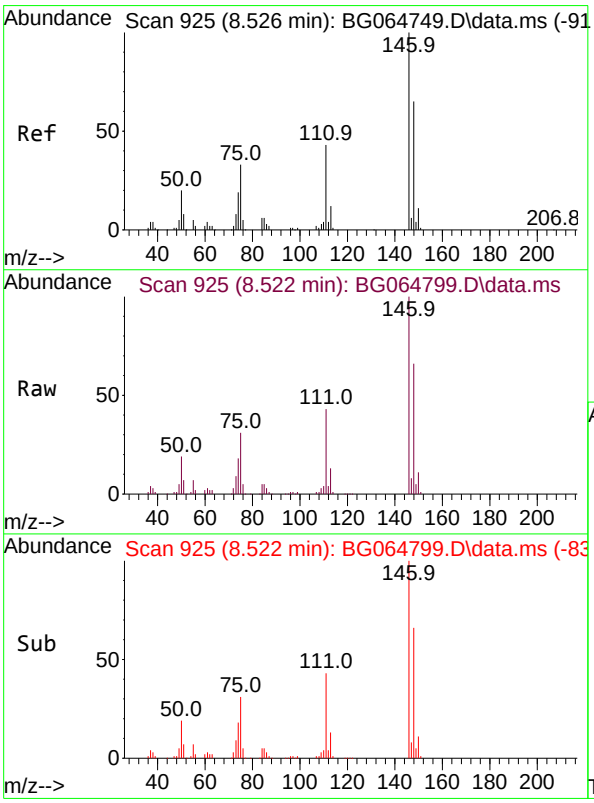

#13
1,4-Dichlorobenzene
Concen: 39.509 ng
RT: 8.199 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 140408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.5 | 53.1 | 79.7 |
| 111 | 43.3 | 34.1 | 51.1 |

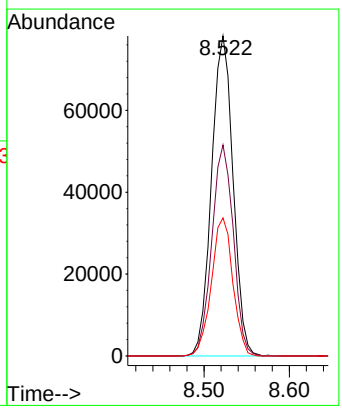


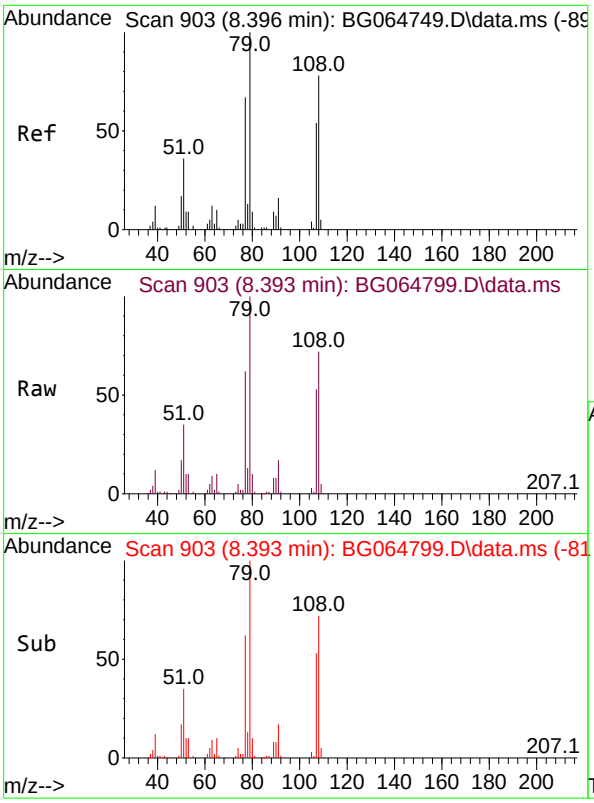




#14
1,2-Dichlorobenzene
Concen: 39.742 ng
RT: 8.522 min Scan# 925
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:146 Resp: 136943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.9 | 52.0 | 78.0 |
| 111 | 43.1 | 34.7 | 52.1 |



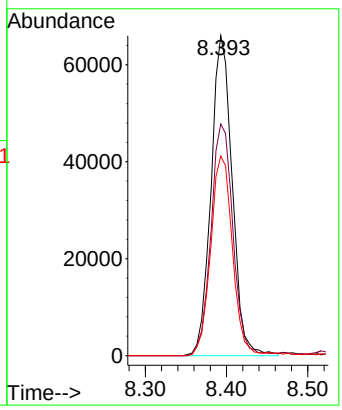


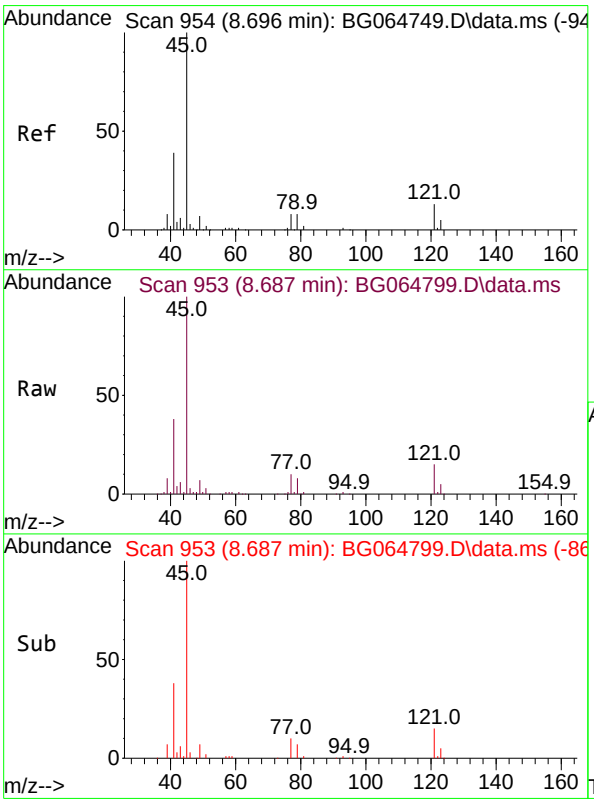

#15
Benzyl Alcohol
Concen: 39.543 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 119248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.4 | 62.3 | 93.5 |
| 77 | 62.4 | 53.5 | 80.3 |

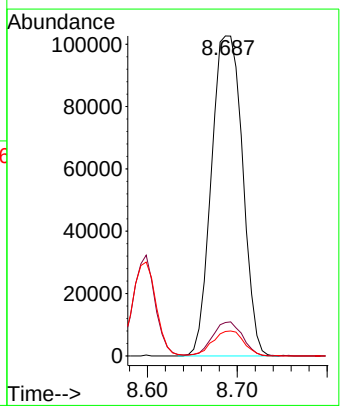


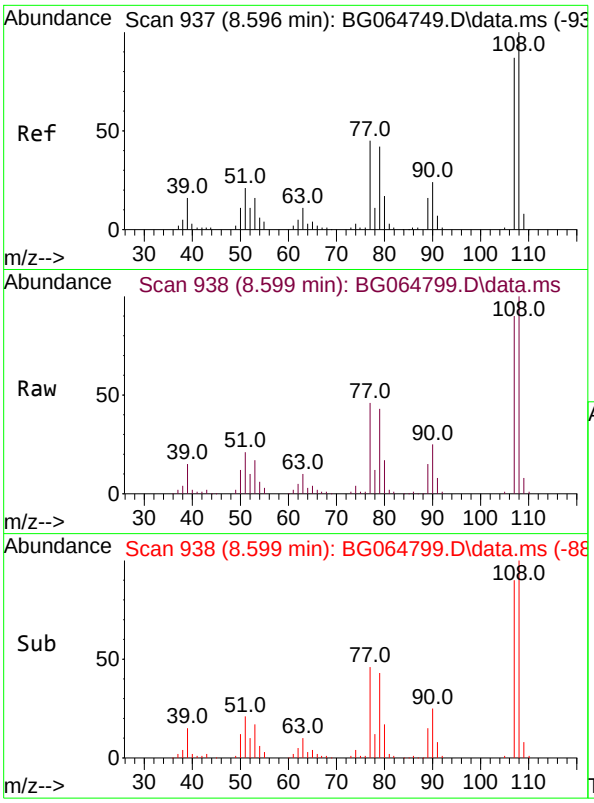




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.692 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 45 Resp: 247038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.4 | 0.0 | 28.8 |
| 79 | 7.6 | 0.0 | 28.1 |



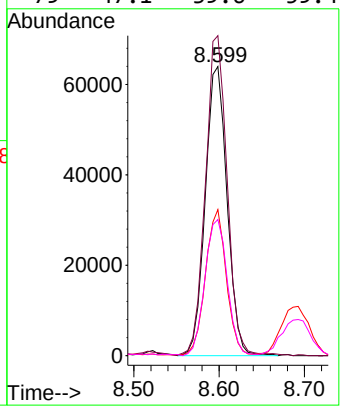


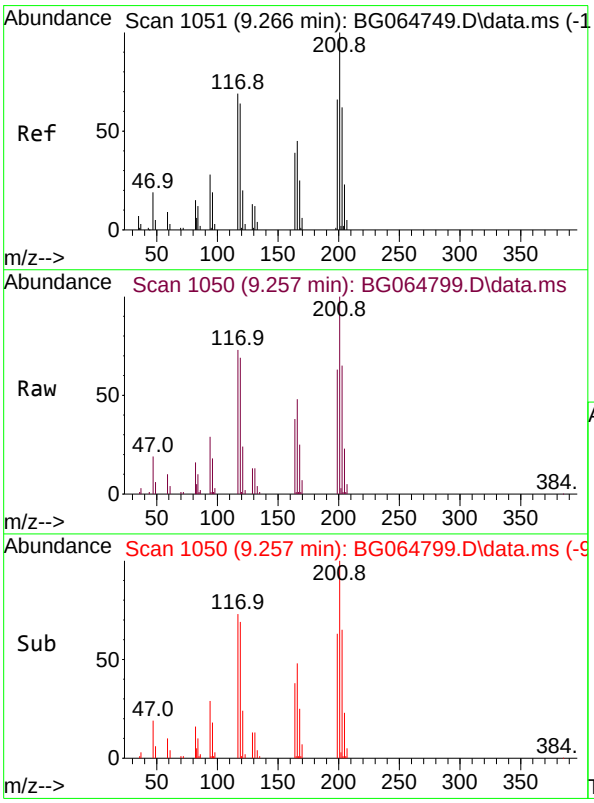

#17
2-Methylphenol
Concen: 40.183 ng
RT: 8.599 min Scan# 9
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 113653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.7 | 92.6 | 138.8 |
| 77 | 50.5 | 41.2 | 61.8 |
| 79 | 47.1 | 39.6 | 59.4 |

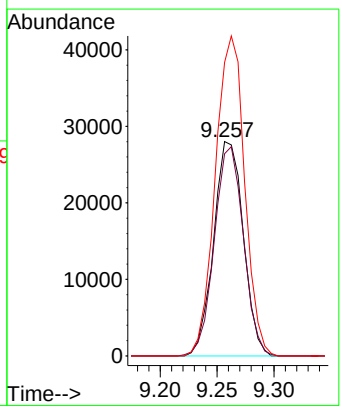


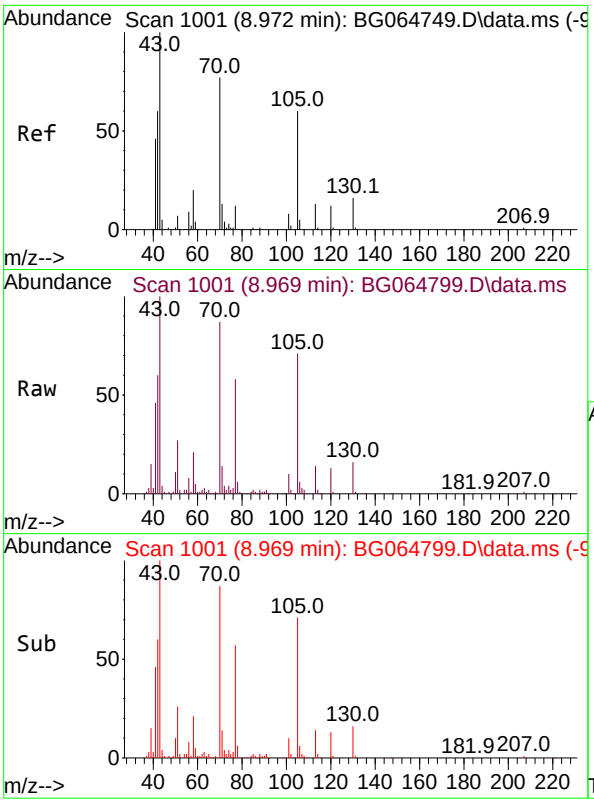




#18
Hexachloroethane
Concen: 37.692 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:117 Resp: 50733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.3 | 74.4 | 111.6 |
| 201 | 136.9 | 116.5 | 174.7 |



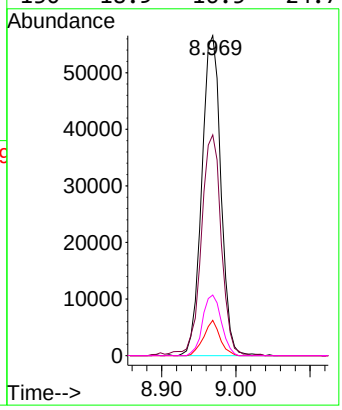


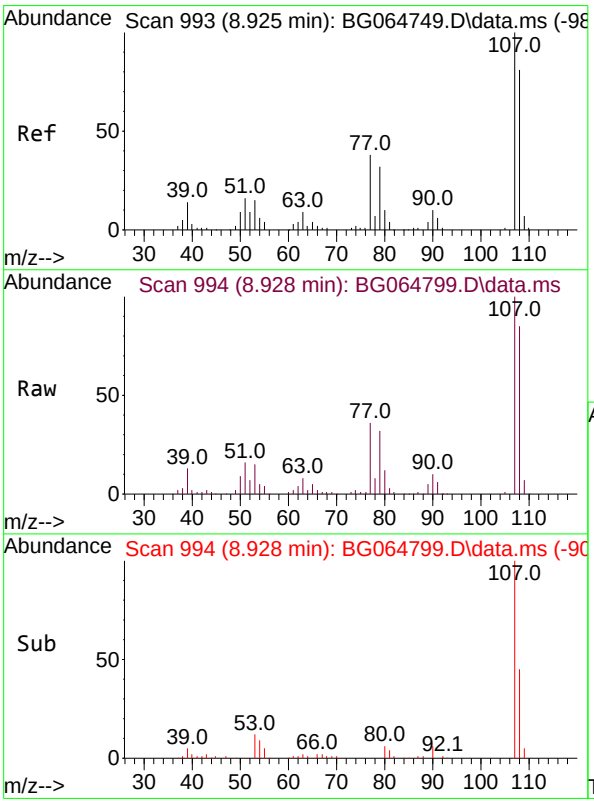

#19
n-Nitroso-di-n-propylamine
Concen: 40.675 ng
RT: 8.969 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 101042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 69.0 | 62.6 | 93.8 |
| 101 | 11.0 | 8.0 | 12.0 |
| 130 | 18.9 | 16.5 | 24.7 |

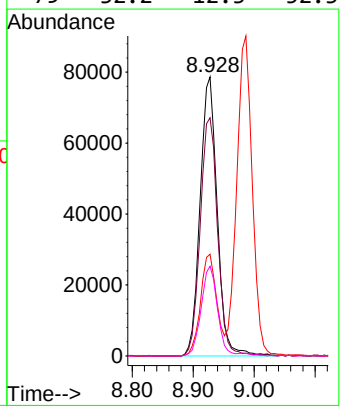


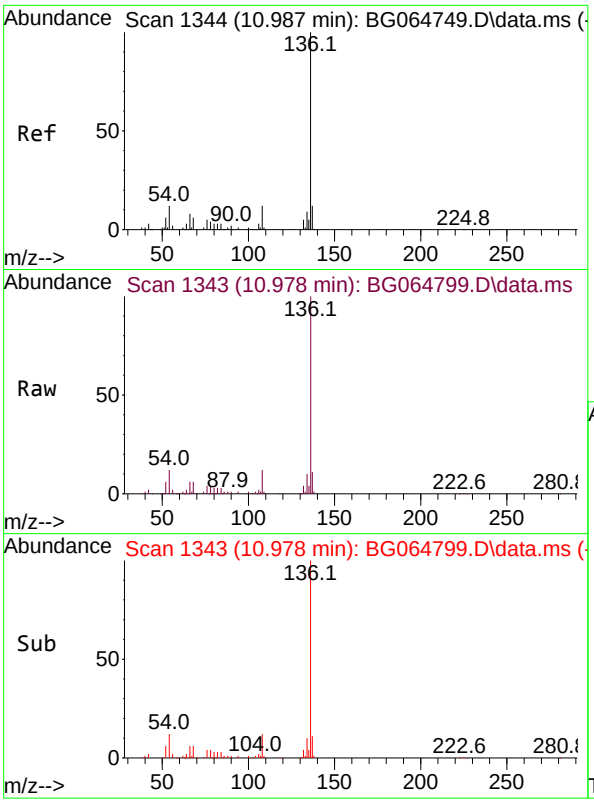




#20
3+4-Methylphenols
Concen: 39.529 ng
RT: 8.928 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:107 Resp: 153166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 85.4 | 61.0 | 101.0 |
| 77 | 36.5 | 17.6 | 57.6 |
| 79 | 32.2 | 12.3 | 52.3 |



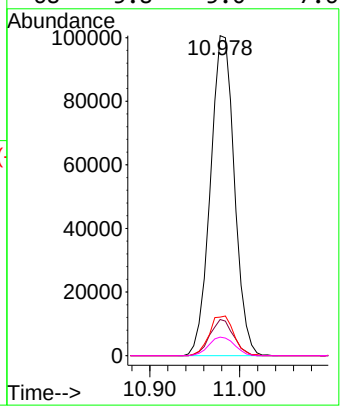


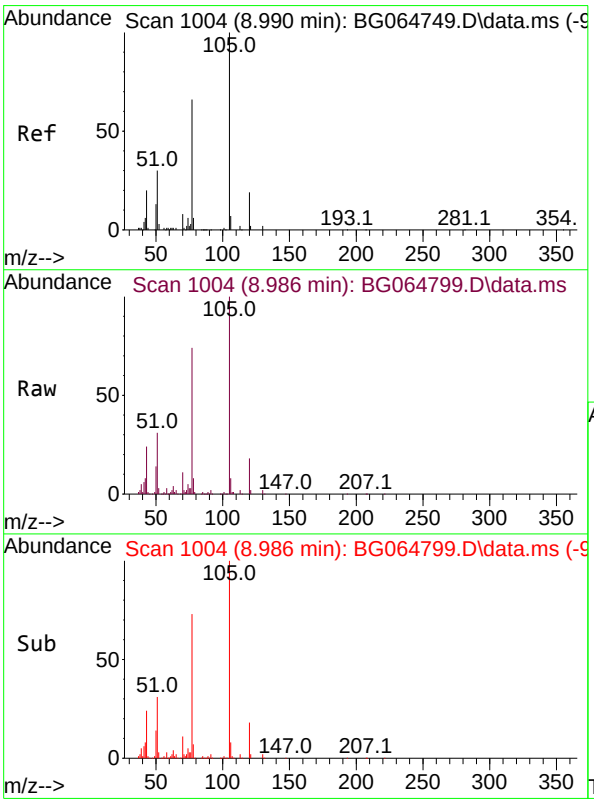

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 186828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.3 | 13.9 |
| 54 | 12.1 | 9.3 | 13.9 |
| 68 | 5.8 | 5.0 | 7.6 |

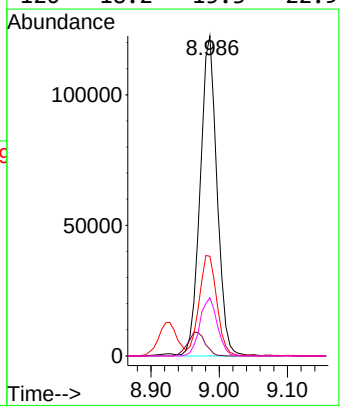


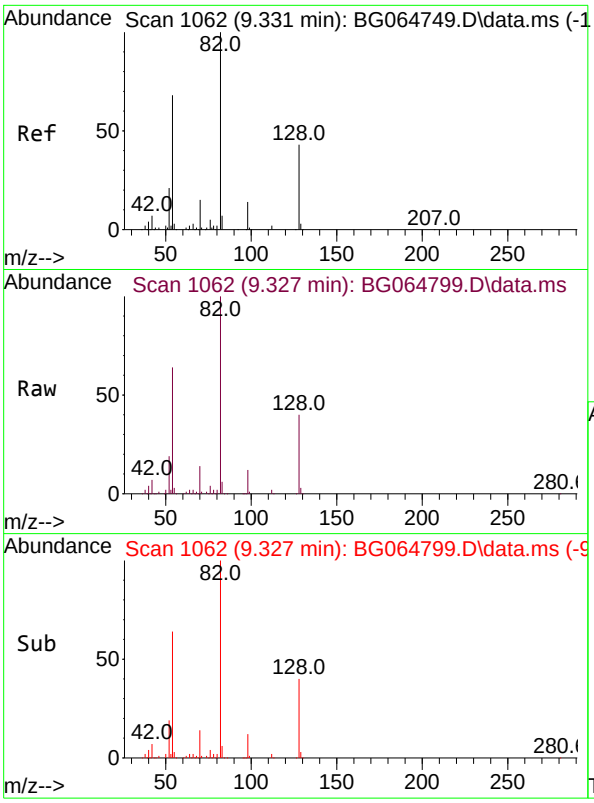




#22
Acetophenone
Concen: 41.249 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:105 Resp: 209958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.1 | 1.3 | 1.9# |
| 51 | 31.1 | 27.9 | 41.9 |
| 120 | 18.2 | 15.3 | 22.9 |



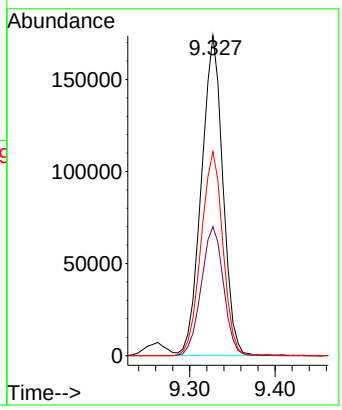


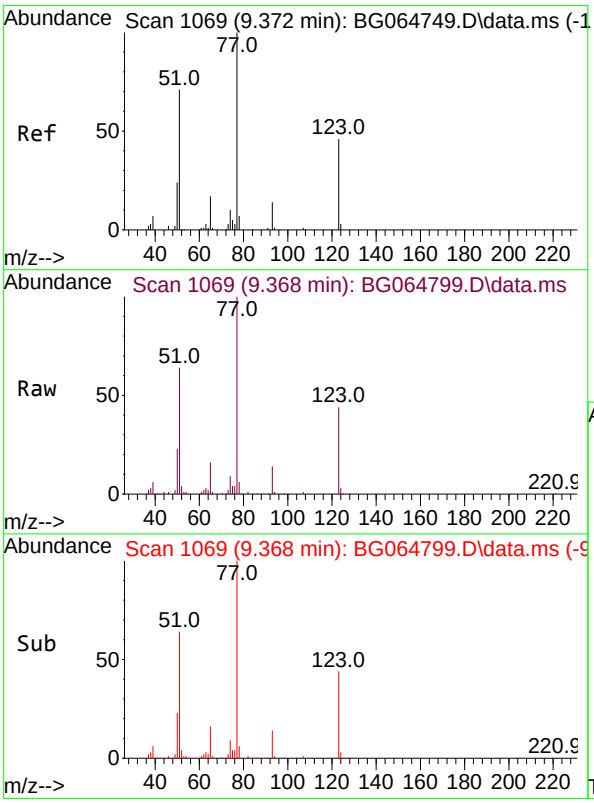

#23
Nitrobenzene-d5
Concen: 80.006 ng
RT: 9.327 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 302316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.3 | 34.1 | 51.1 |
| 54 | 63.7 | 54.3 | 81.5 |

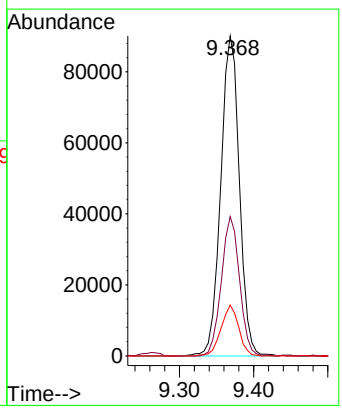


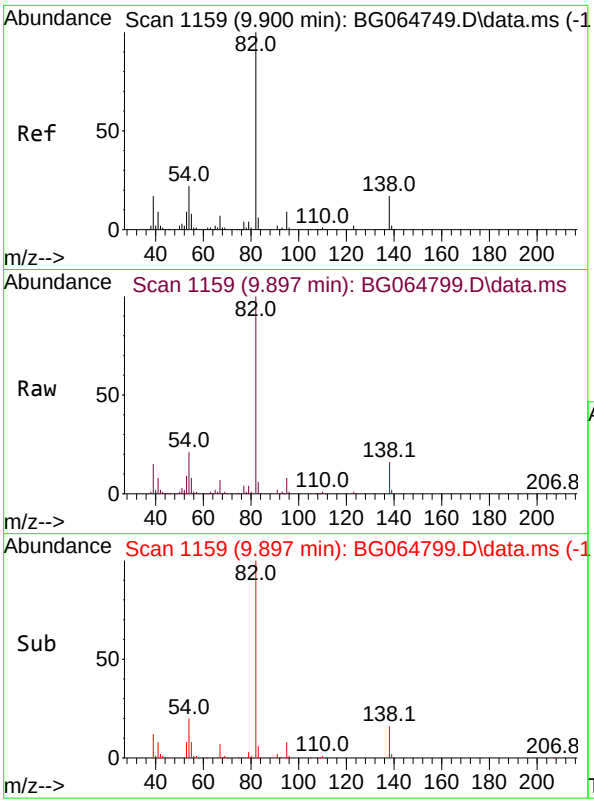




#24
Nitrobenzene
Concen: 41.133 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 77 Resp: 157047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 36.5 | 54.7 |
| 65 | 15.9 | 13.5 | 20.3 |



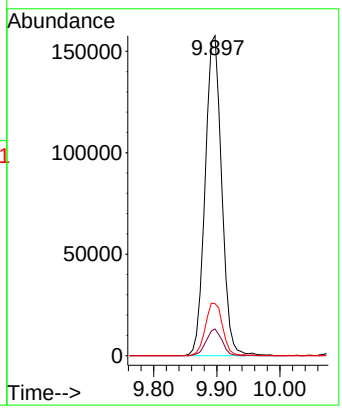


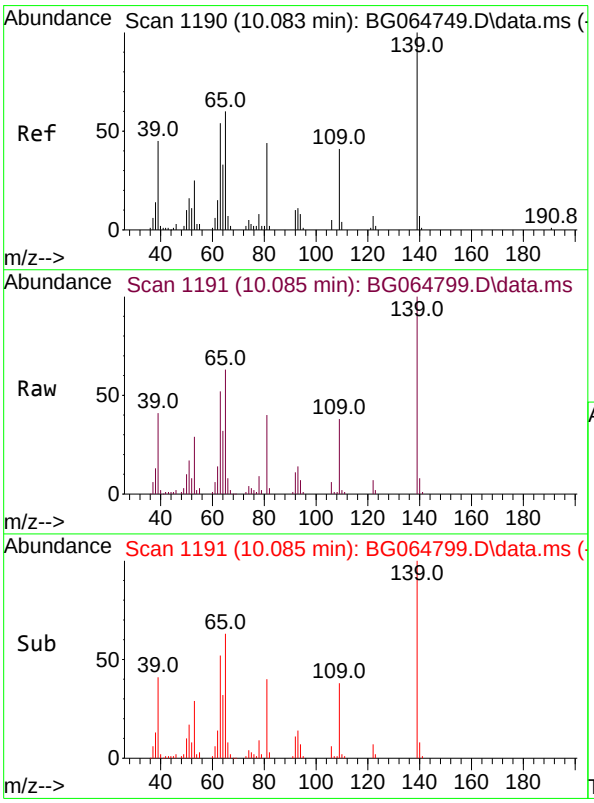

#25
Isophorone
Concen: 39.776 ng
RT: 9.897 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 286217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.3 | 6.9 | 10.3 |
| 138 | 16.2 | 13.9 | 20.9 |

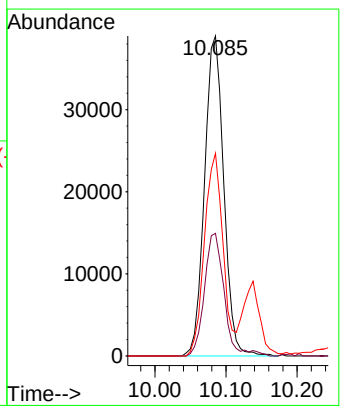


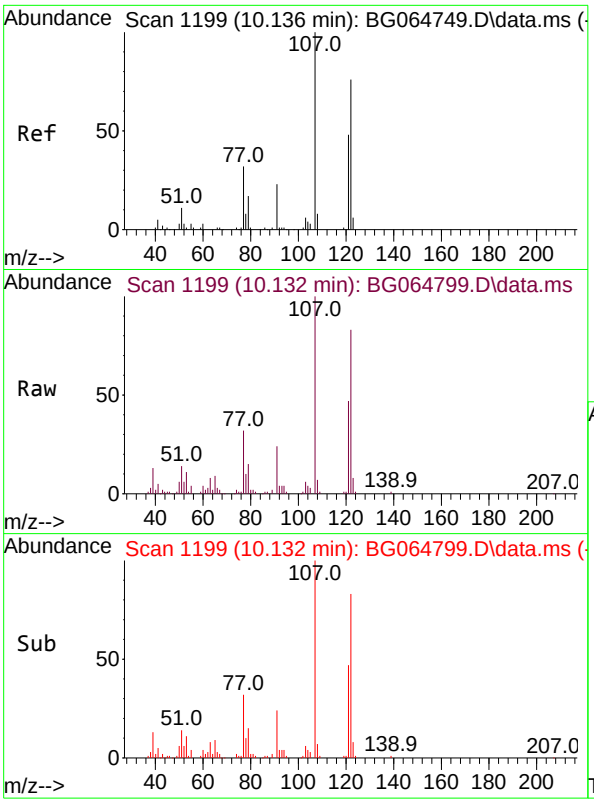




#26
2-Nitrophenol
Concen: 42.526 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:139 Resp: 73031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 38.3 | 32.5 | 48.7 |
| 65 | 63.3 | 47.6 | 71.4 |



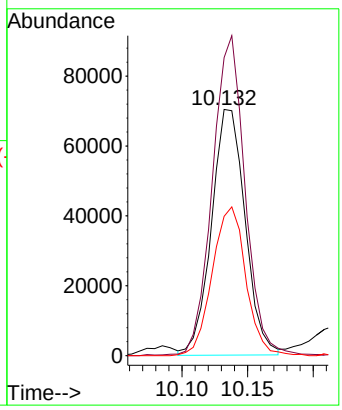


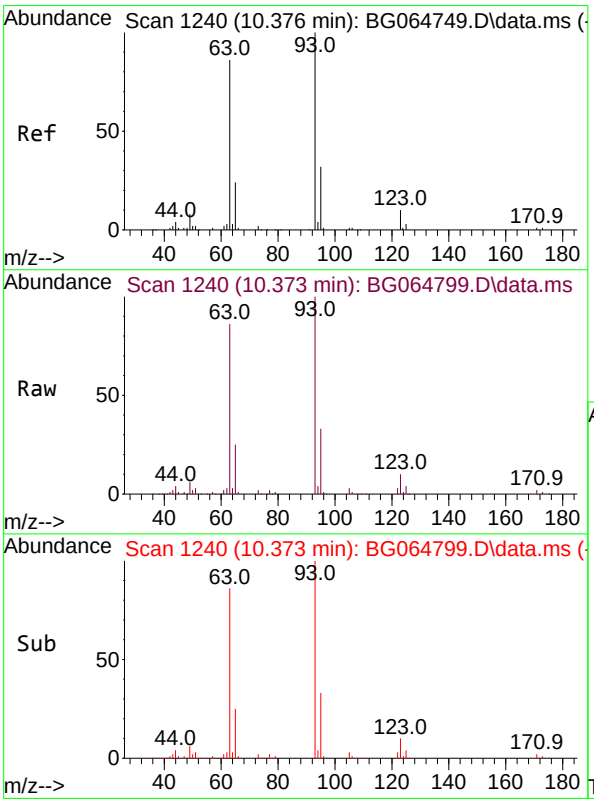

#27
2,4-Dimethylphenol
Concen: 41.107 ng
RT: 10.132 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 125415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 121.1 | 102.5 | 153.7 |
| 121 | 56.6 | 49.0 | 73.6 |

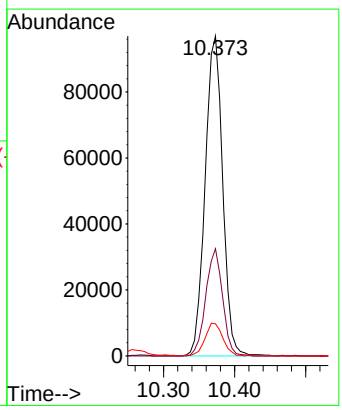


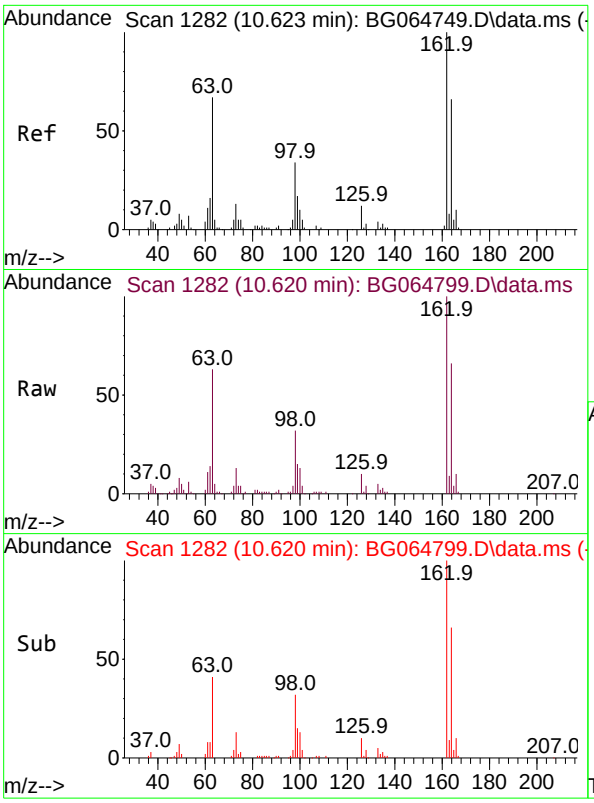




#28
bis(2-Chloroethoxy)methane
Concen: 41.964 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 93 Resp: 165776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.5 | 25.4 | 38.2 |
| 123 | 10.0 | 8.1 | 12.1 |



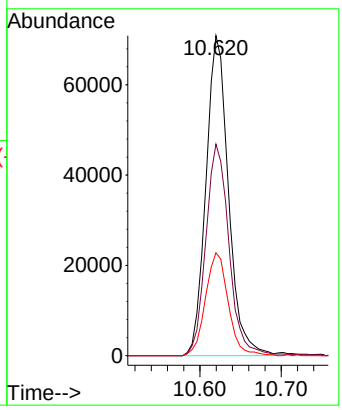


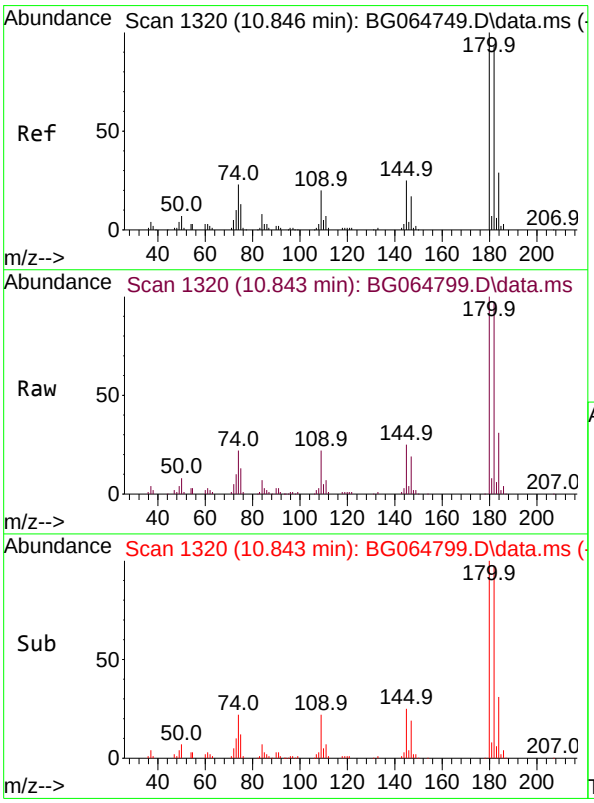

#29
2,4-Dichlorophenol
Concen: 41.729 ng
RT: 10.620 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 136684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.1 | 46.0 | 86.0 |
| 98 | 32.1 | 14.2 | 54.2 |

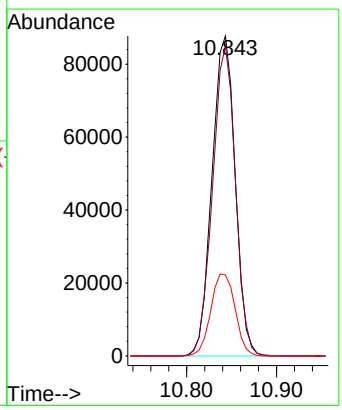


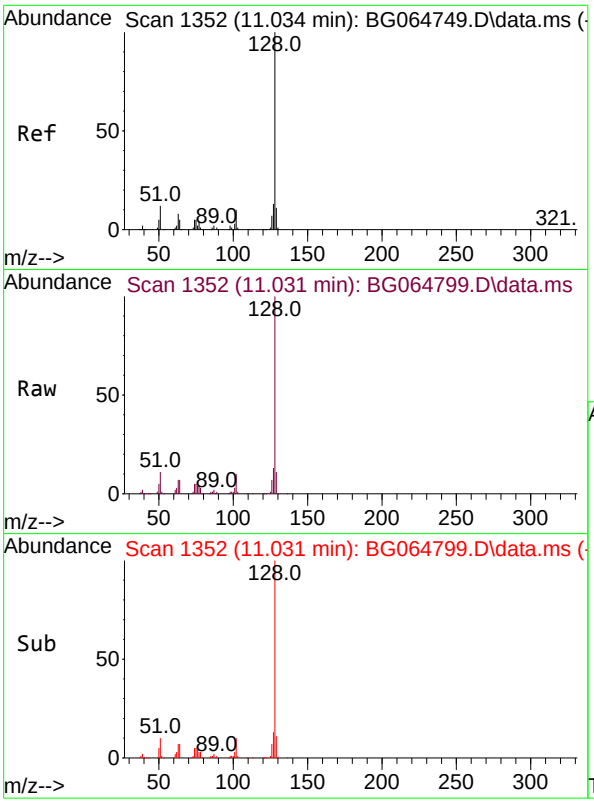




#30
1,2,4-Trichlorobenzene
Concen: 39.774 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:180 Resp: 157317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.0 | 74.2 | 111.4 |
| 145 | 25.3 | 20.0 | 30.0 |



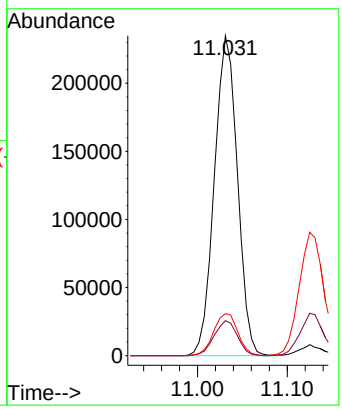


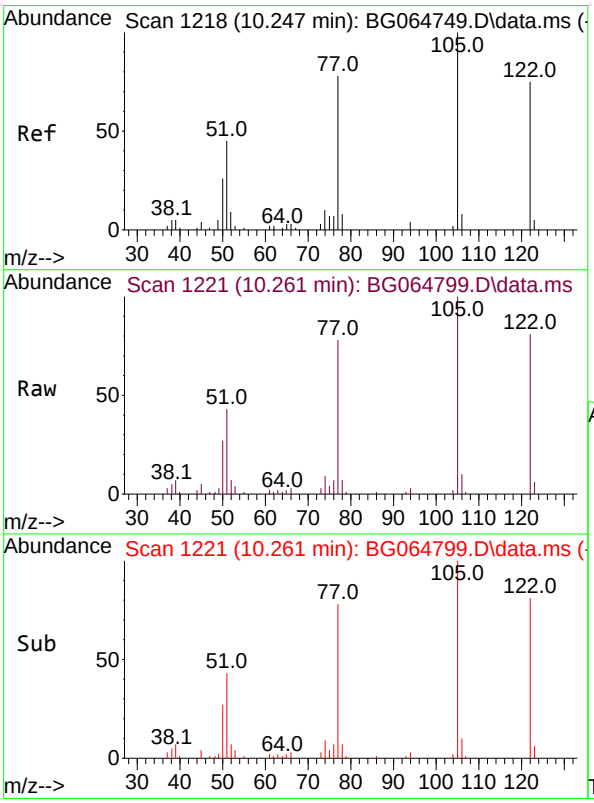

#31
Naphthalene
Concen: 39.598 ng
RT: 11.031 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 419381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.6 | 12.8 |
| 127 | 13.1 | 10.6 | 16.0 |

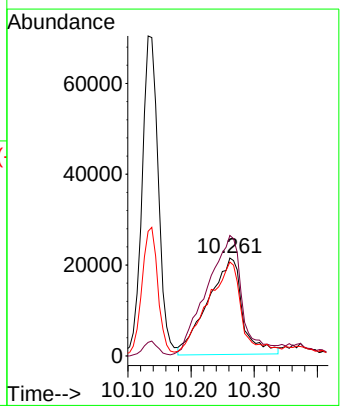


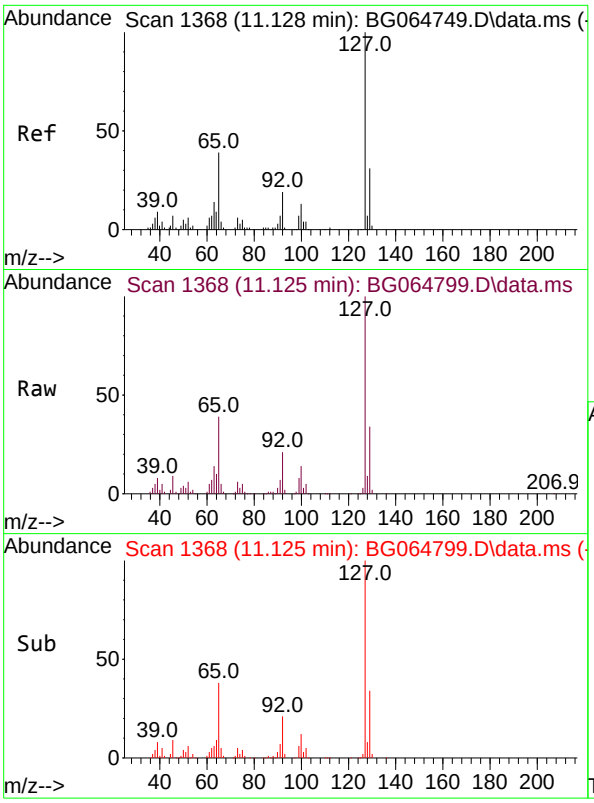




#32
Benzoic acid
Concen: 38.885 ng
RT: 10.261 min Scan# 1221
Delta R.T. 0.014 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:122 Resp: 80990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.1 | 107.6 | 147.6 |
| 77 | 96.0 | 82.5 | 122.5 |



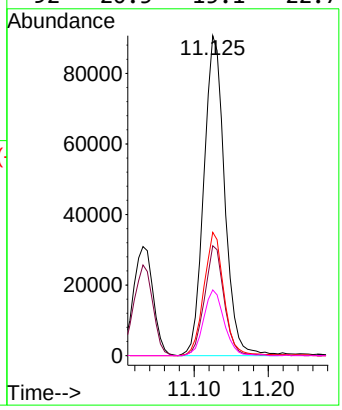


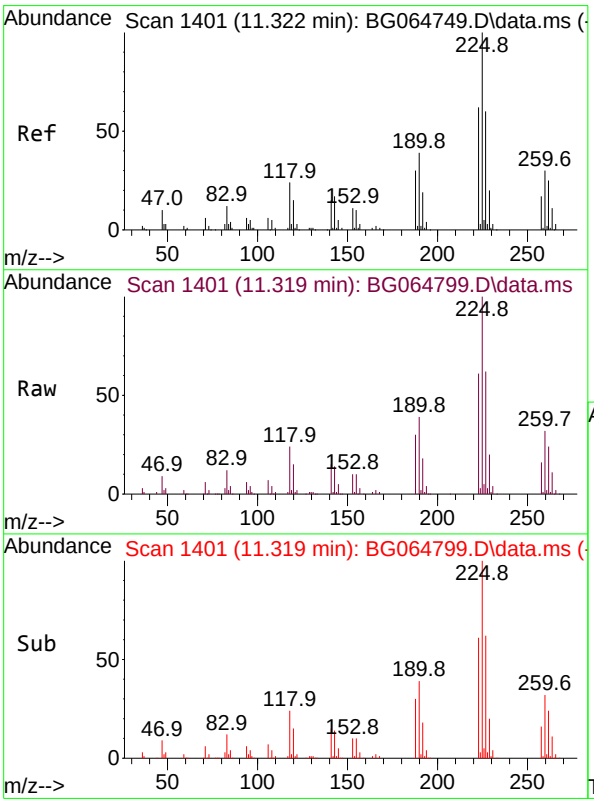

#33
4-Chloroaniline
Concen: 41.653 ng
RT: 11.125 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 176470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 34.3 | 24.9 | 37.3 |
| 65 | 38.5 | 30.9 | 46.3 |
| 92 | 20.5 | 15.1 | 22.7 |

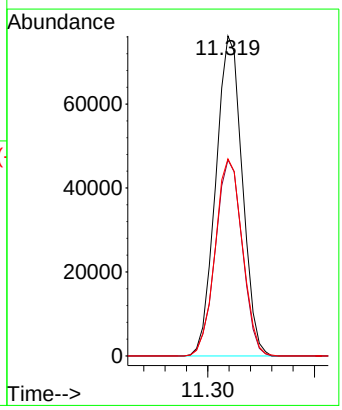


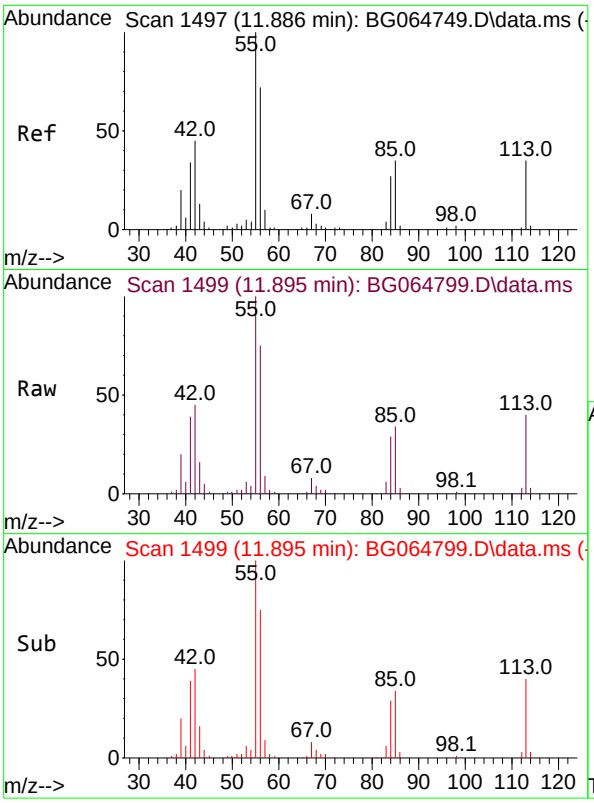




#34
Hexachlorobutadiene
Concen: 38.855 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:225 Resp: 131861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.3 | 49.9 | 74.9 |
| 227 | 61.6 | 50.6 | 75.8 |



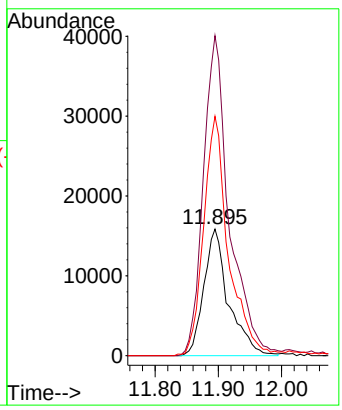


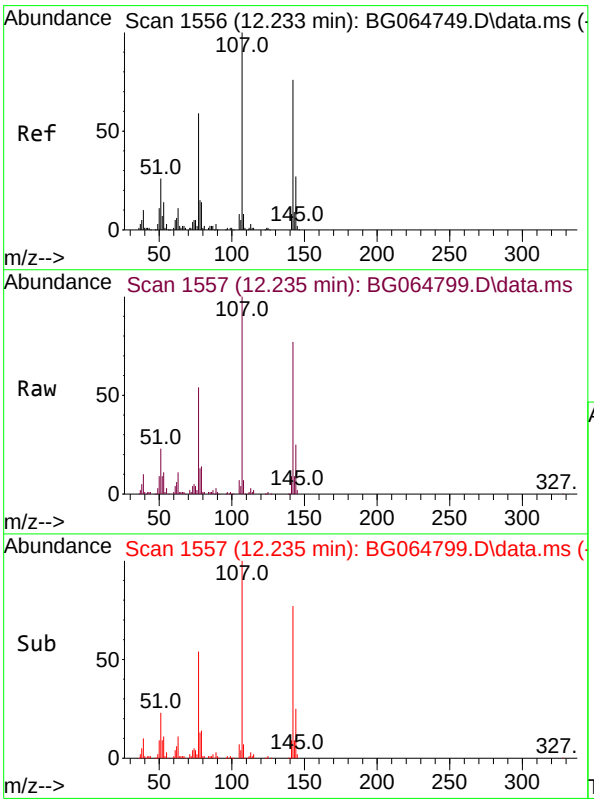

#35
Caprolactam
Concen: 44.045 ng
RT: 11.895 min Scan# 14
Delta R.T. 0.008 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 43151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 253.0 | 263.7 | 303.7# |
| 56 | 189.3 | 184.0 | 224.0 |

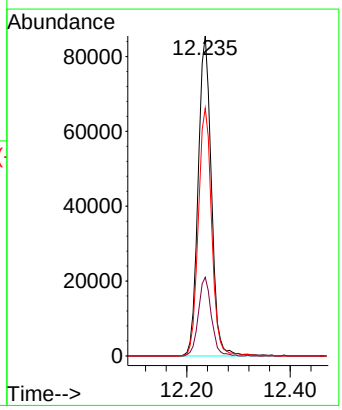


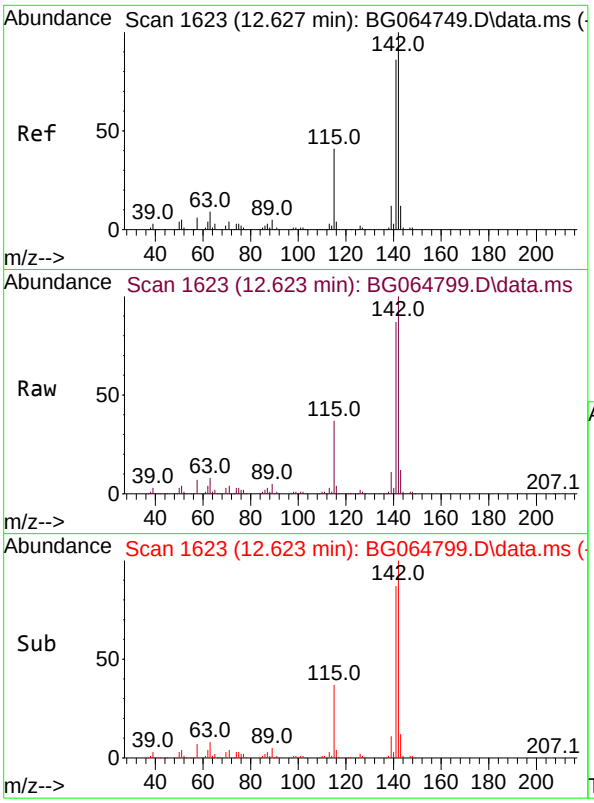




#36
4-Chloro-3-methylphenol
Concen: 41.541 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:107 Resp: 151449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.6 | 21.7 | 32.5 |
| 142 | 77.4 | 60.8 | 91.2 |



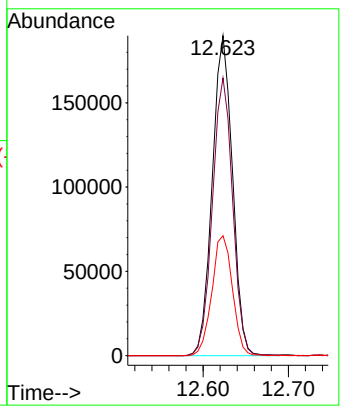


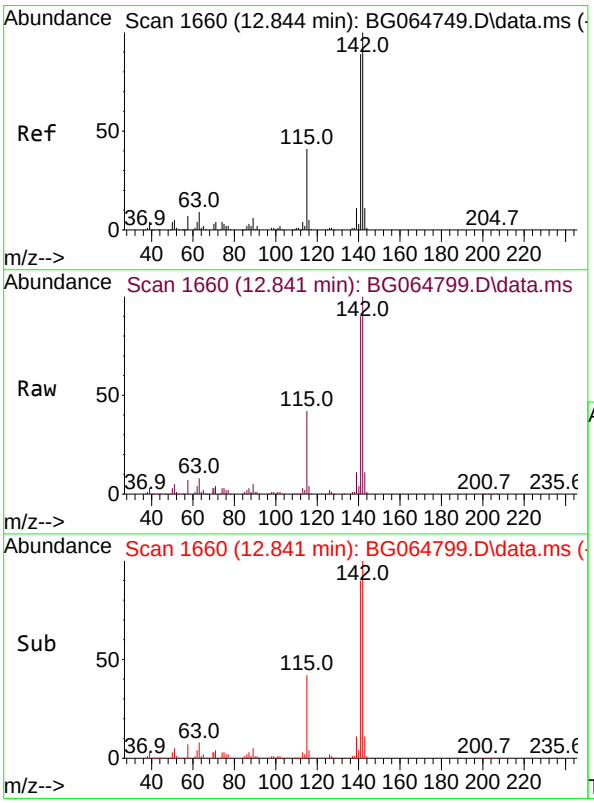

#37
2-Methylnaphthalene
Concen: 39.410 ng
RT: 12.623 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 312343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.8 | 69.1 | 103.7 |
| 115 | 37.5 | 32.9 | 49.3 |

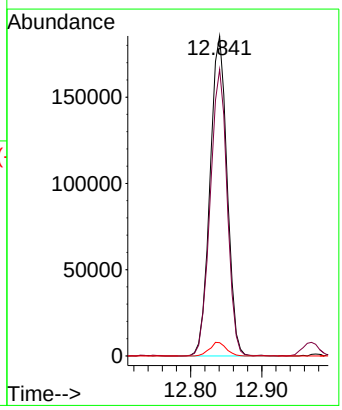


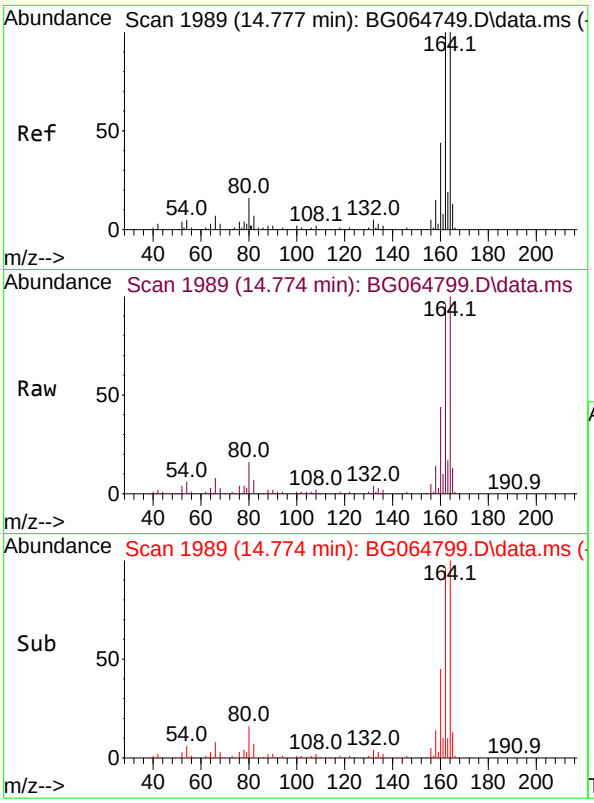




#38
1-Methylnaphthalene
Concen: 39.290 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:142 Resp: 309319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 70.8 | 106.2 |
| 116 | 4.1 | 3.7 | 5.5 |



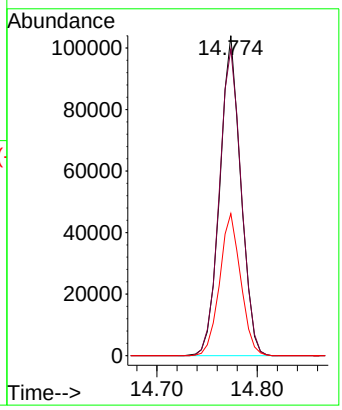


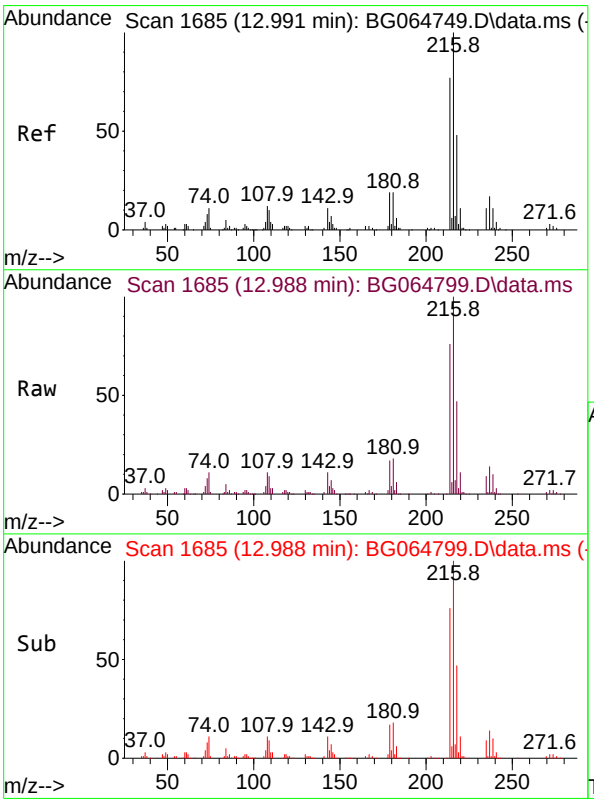

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 151237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.9 | 79.8 | 119.6 |
| 160 | 44.4 | 34.9 | 52.3 |

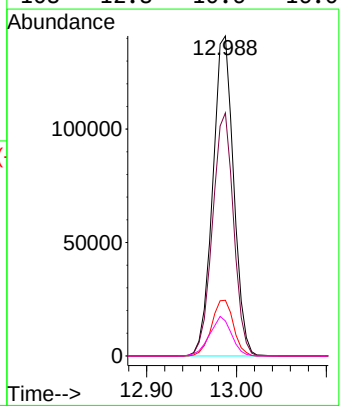


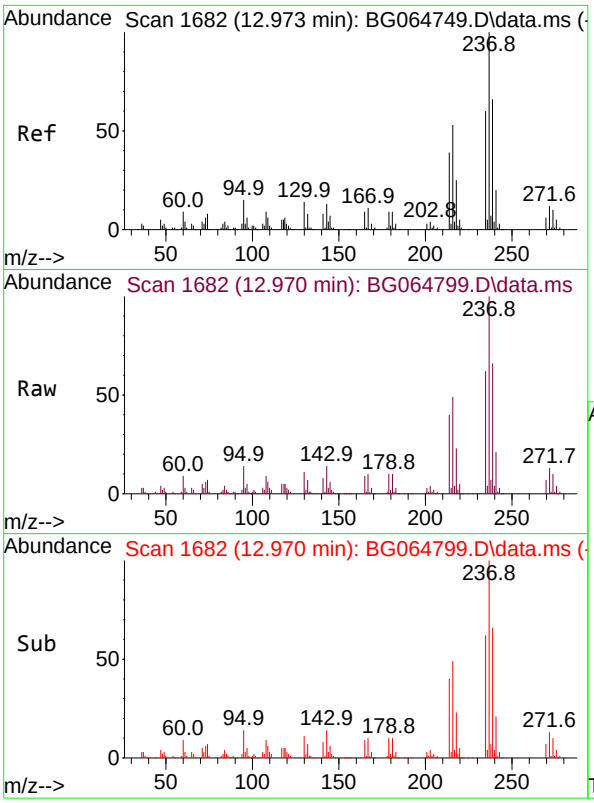




#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.840 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:216 Resp: 228603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.4 | 60.5 | 90.7 |
| 179 | 18.1 | 14.7 | 22.1 |
| 108 | 12.8 | 10.6 | 16.0 |



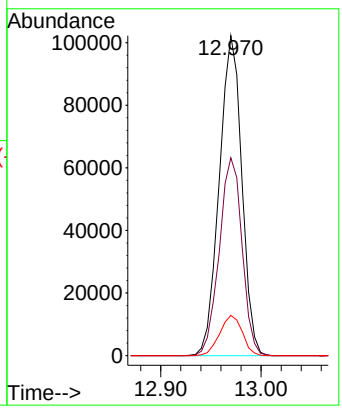


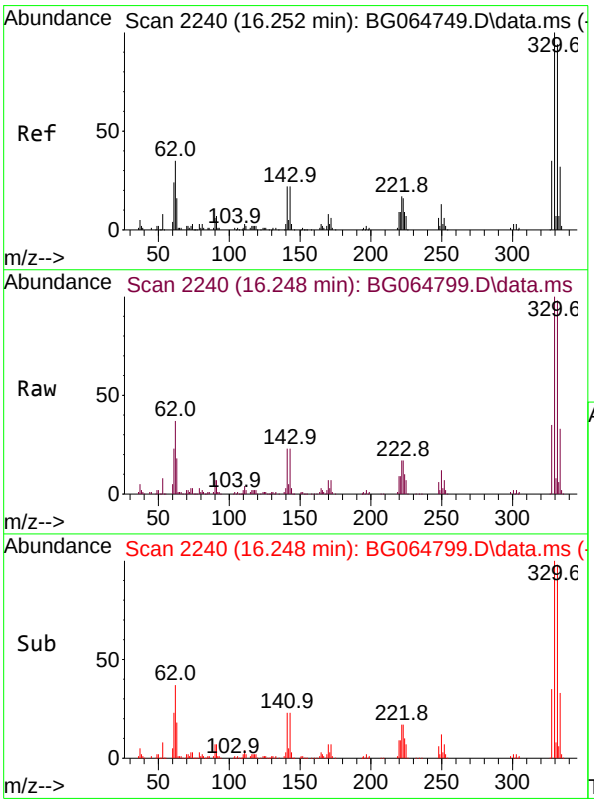

#41
Hexachlorocyclopentadiene
Concen: 37.821 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 159557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.8 | 40.2 | 80.2 |
| 272 | 12.6 | 0.0 | 31.9 |

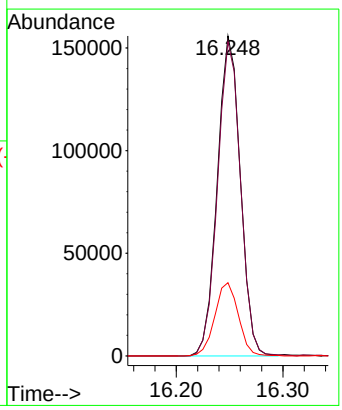


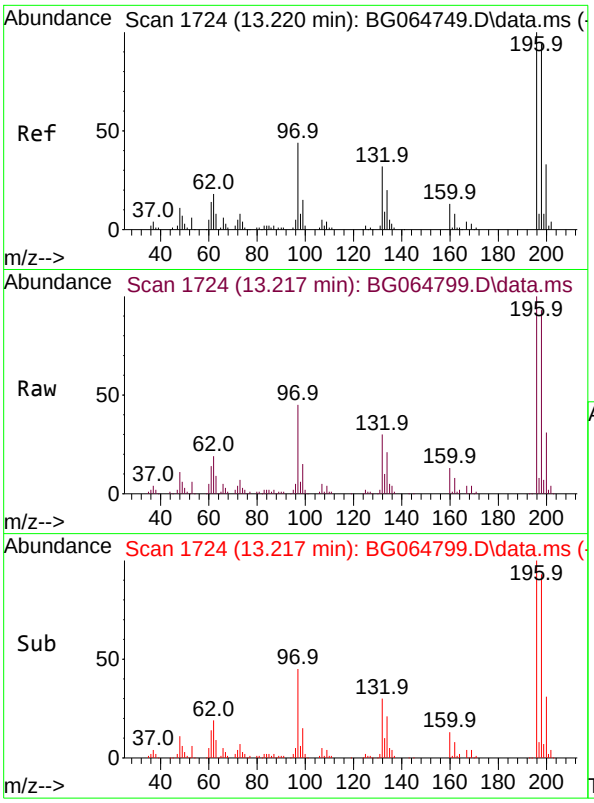




#42
2,4,6-Tribromophenol
Concen: 79.437 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:330 Resp: 234306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.9 | 77.0 | 115.6 |
| 141 | 23.4 | 18.2 | 27.2 |



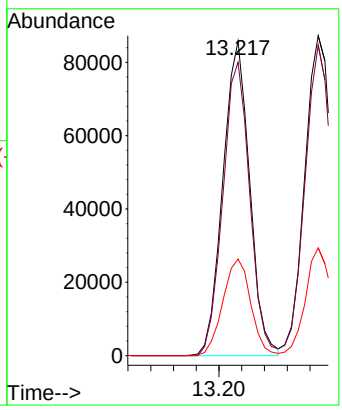


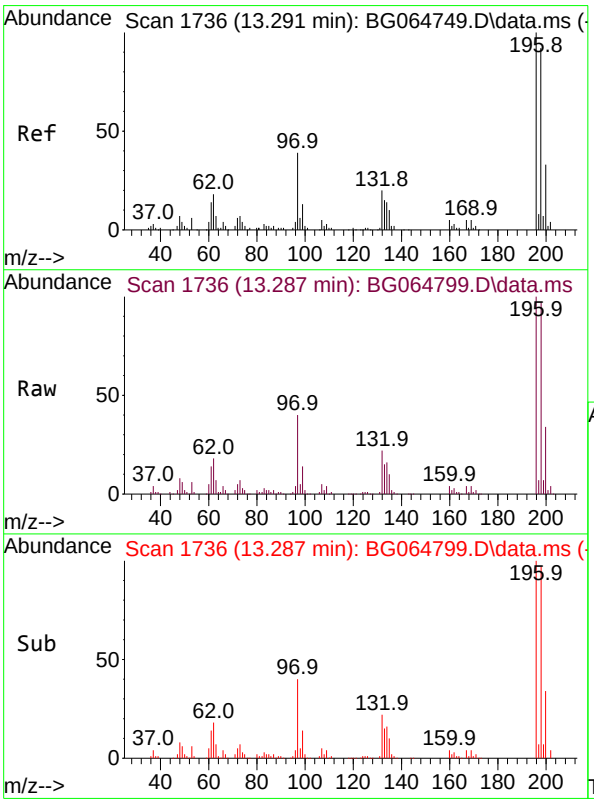

#43
2,4,6-Trichlorophenol
Concen: 40.613 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 140293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.3 | 75.3 | 112.9 |
| 200 | 30.7 | 26.2 | 39.2 |

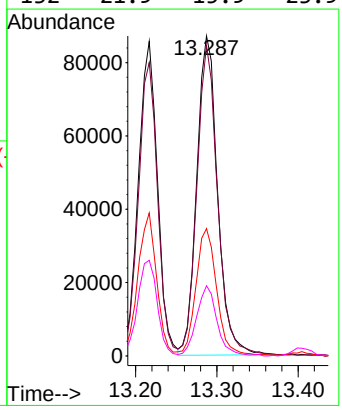


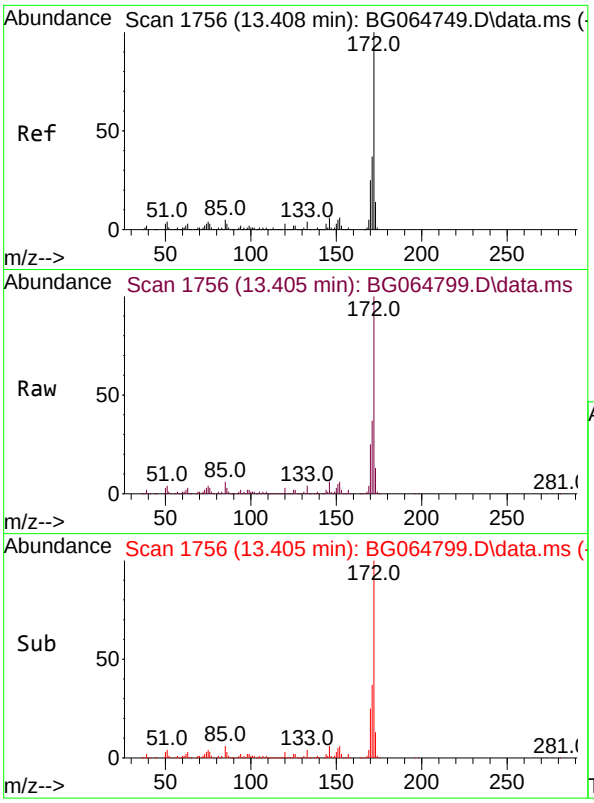




#44
2,4,5-Trichlorophenol
Concen: 40.168 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:196 Resp: 155625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 73.2 | 109.8 |
| 97 | 39.8 | 31.4 | 47.0 |
| 132 | 21.9 | 15.9 | 23.9 |



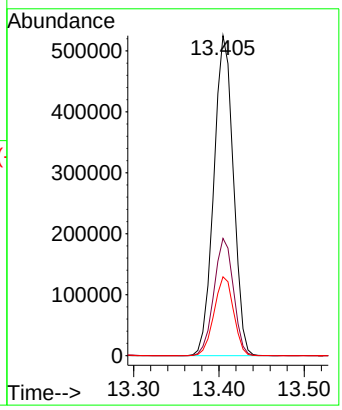


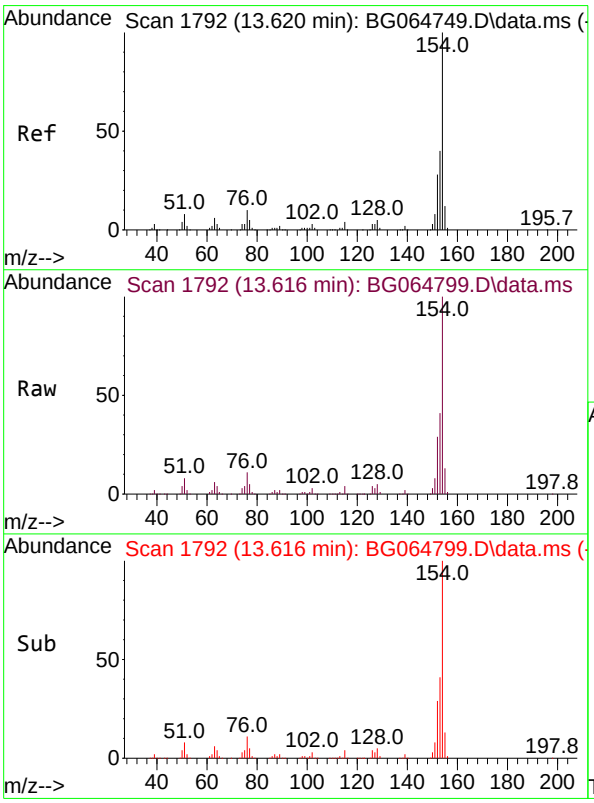

#45
2-Fluorobiphenyl
Concen: 77.118 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 835854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.9 | 44.9 |
| 170 | 24.7 | 19.8 | 29.6 |

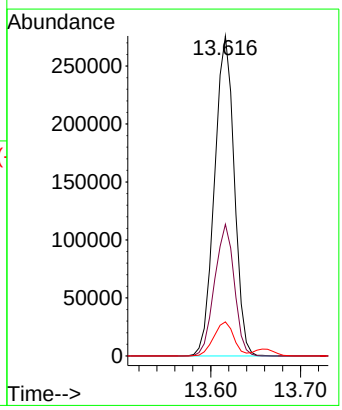


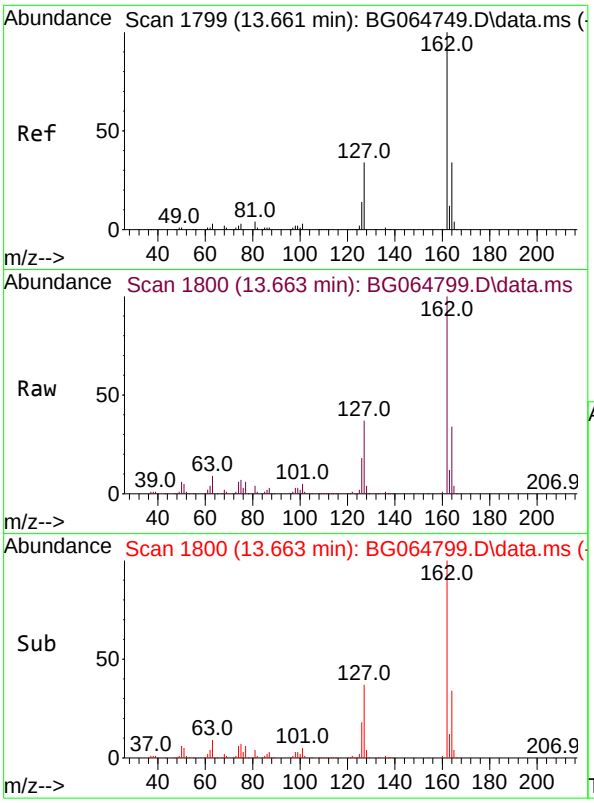




#46
1,1'-Biphenyl
Concen: 38.705 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:154 Resp: 420430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 19.8 | 59.8 |
| 76 | 10.6 | 0.0 | 30.0 |



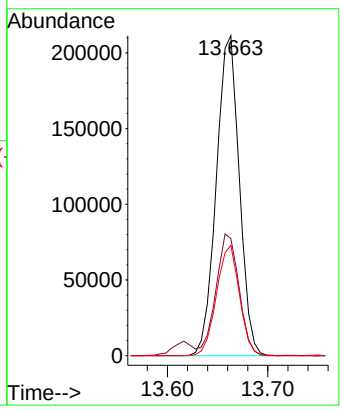


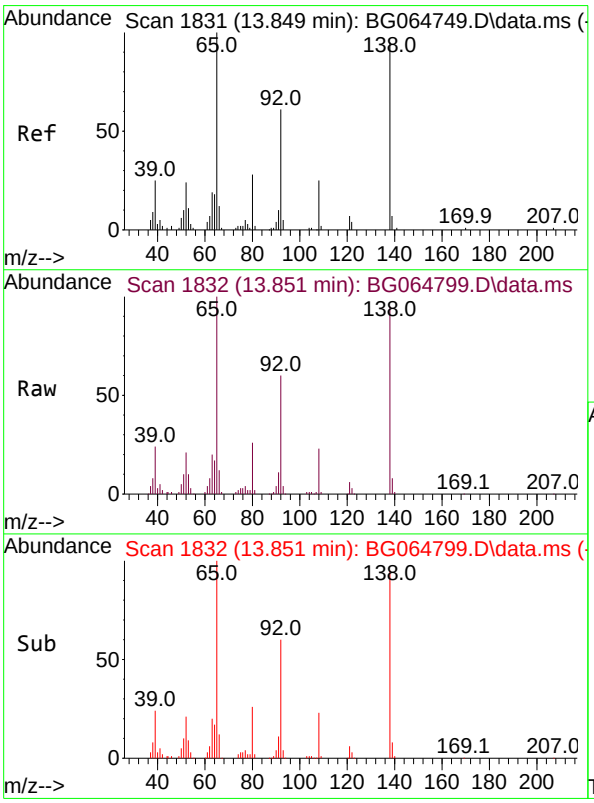

#47
2-Chloronaphthalene
Concen: 39.376 ng
RT: 13.663 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 336969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.6 | 30.3 | 45.5 |
| 164 | 34.4 | 26.8 | 40.2 |

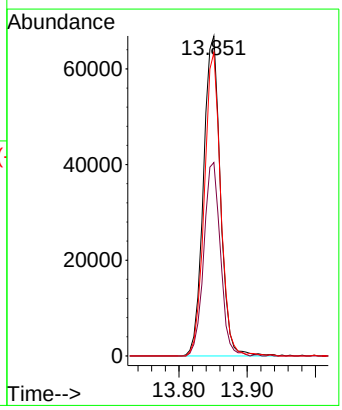


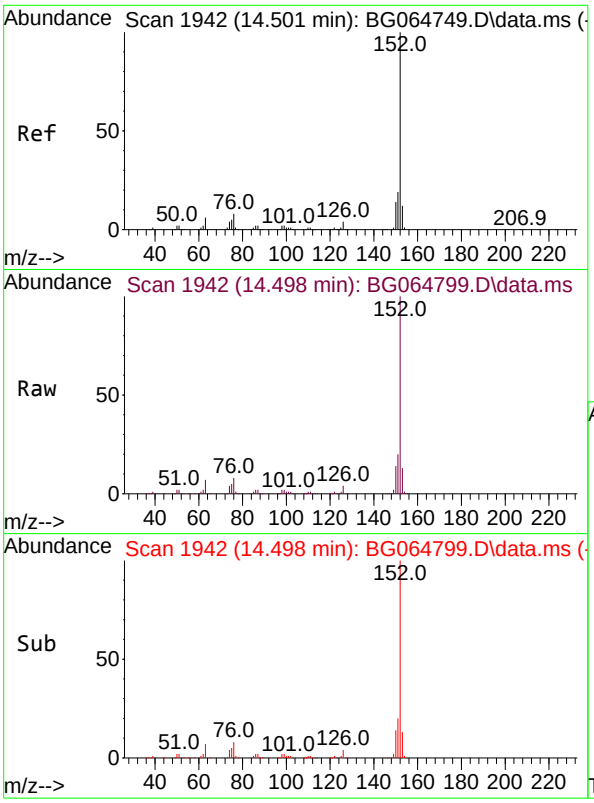




#48
2-Nitroaniline
Concen: 41.911 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 65 Resp: 115360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 60.4 | 48.6 | 73.0 |
| 138 | 94.8 | 76.4 | 114.6 |



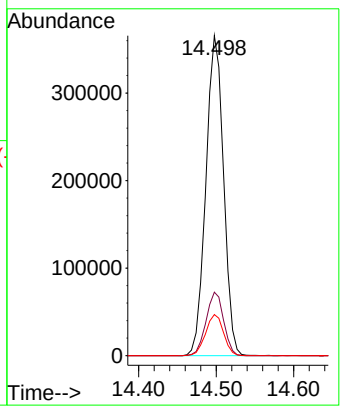


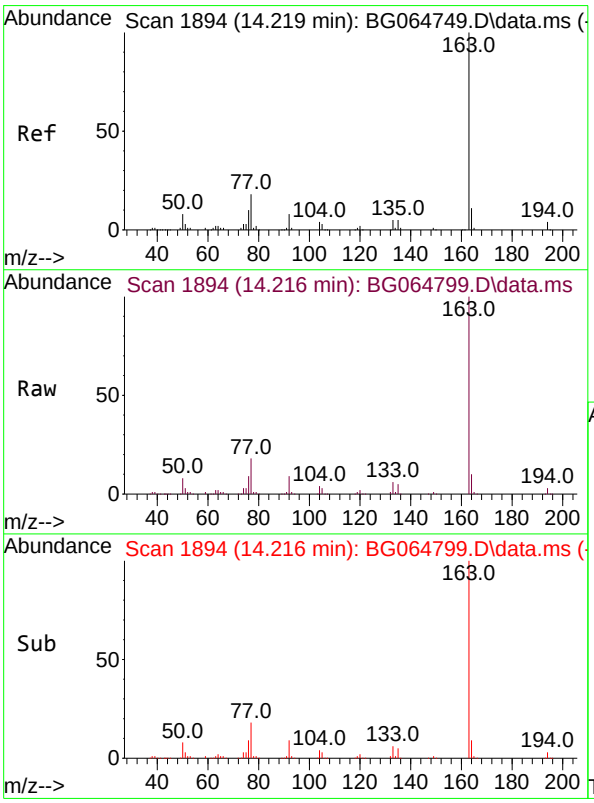

#49
Acenaphthylene
Concen: 39.541 ng
RT: 14.498 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 578090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.0 | 22.4 |
| 153 | 12.8 | 9.9 | 14.9 |

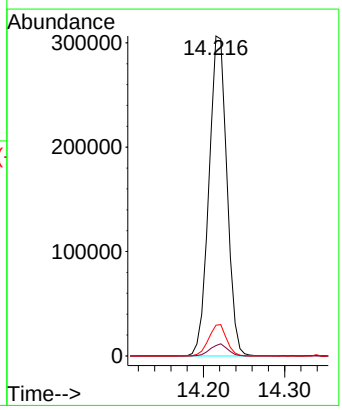


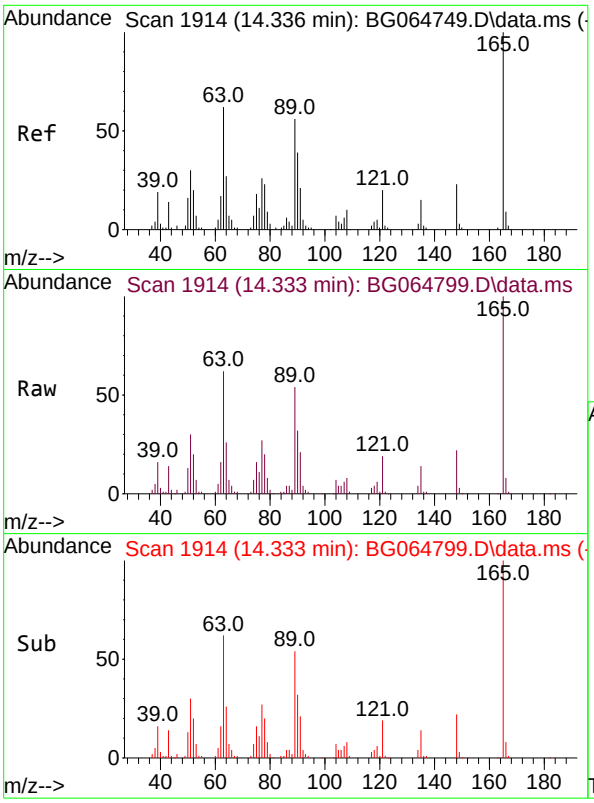




#50
Dimethylphthalate
Concen: 39.472 ng
RT: 14.216 min Scan# 1894
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:163 Resp: 471562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 3.1 | 4.7 |
| 164 | 9.6 | 8.6 | 12.8 |



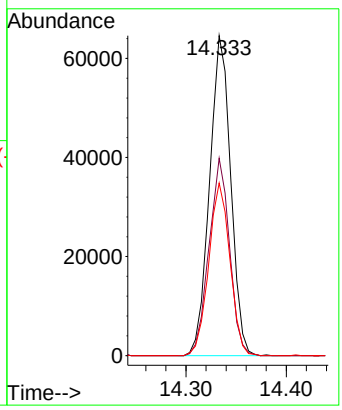


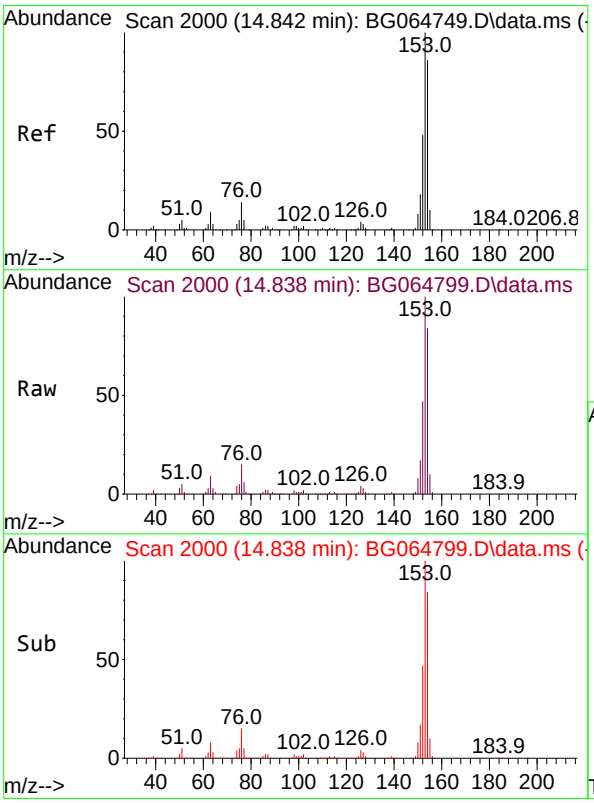

#51
2,6-Dinitrotoluene
Concen: 41.173 ng
RT: 14.333 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 94651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.7 | 49.8 | 74.8 |
| 89 | 53.9 | 45.0 | 67.4 |

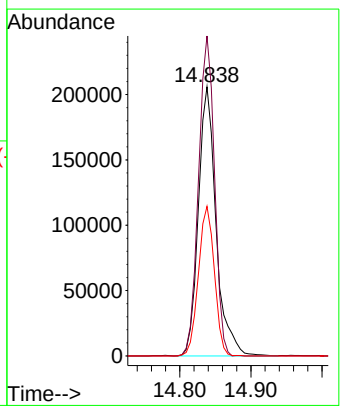


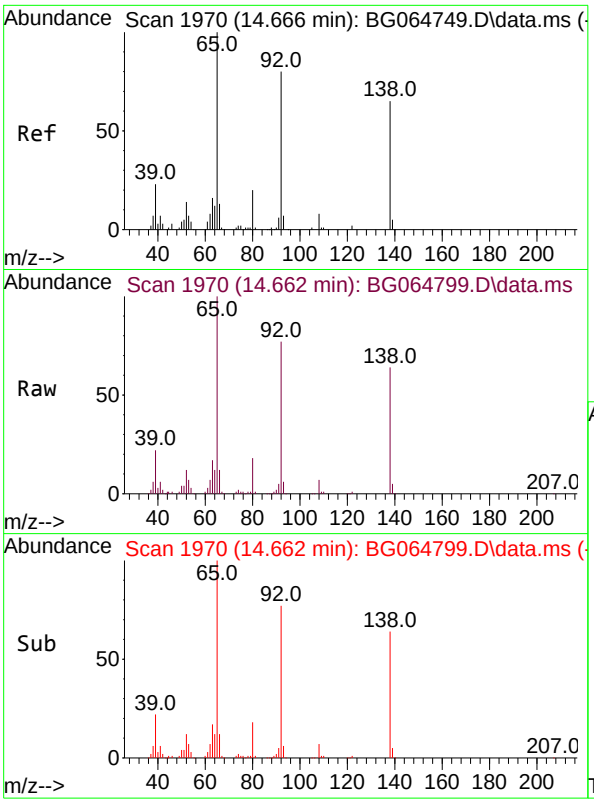




#52
Acenaphthene
Concen: 40.611 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:154 Resp: 355990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 118.9 | 93.0 | 139.4 |
| 152 | 55.6 | 44.4 | 66.6 |



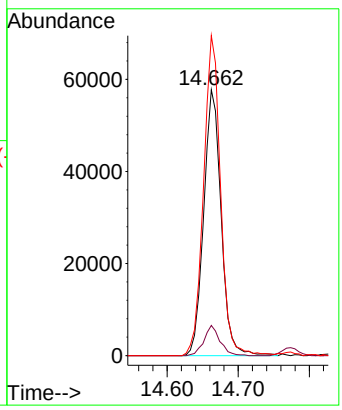


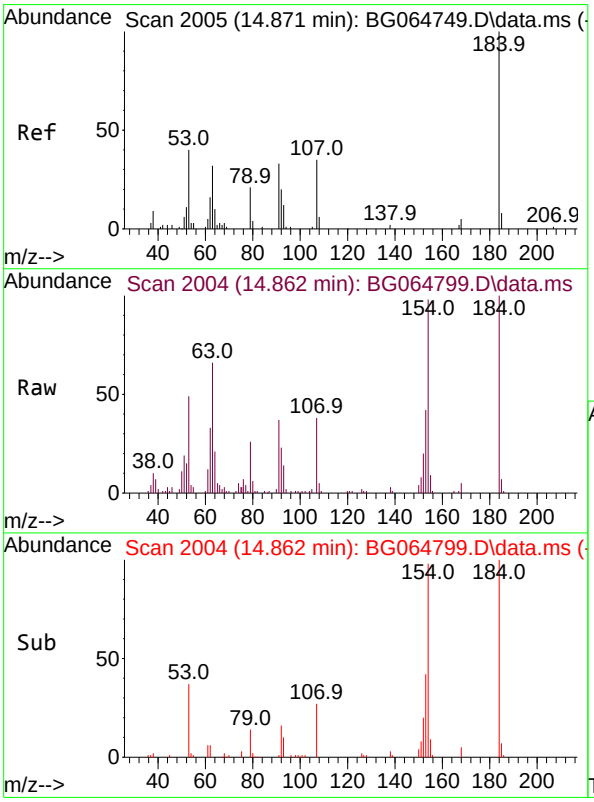

#53
3-Nitroaniline
Concen: 43.322 ng
RT: 14.662 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 98294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.3 | 9.5 | 14.3 |
| 92 | 120.4 | 99.0 | 148.4 |

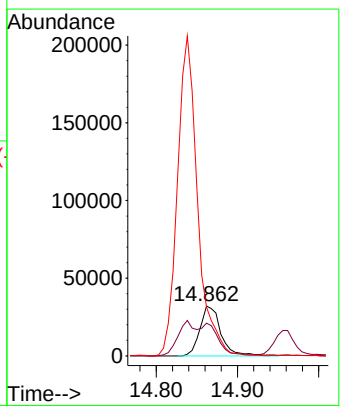


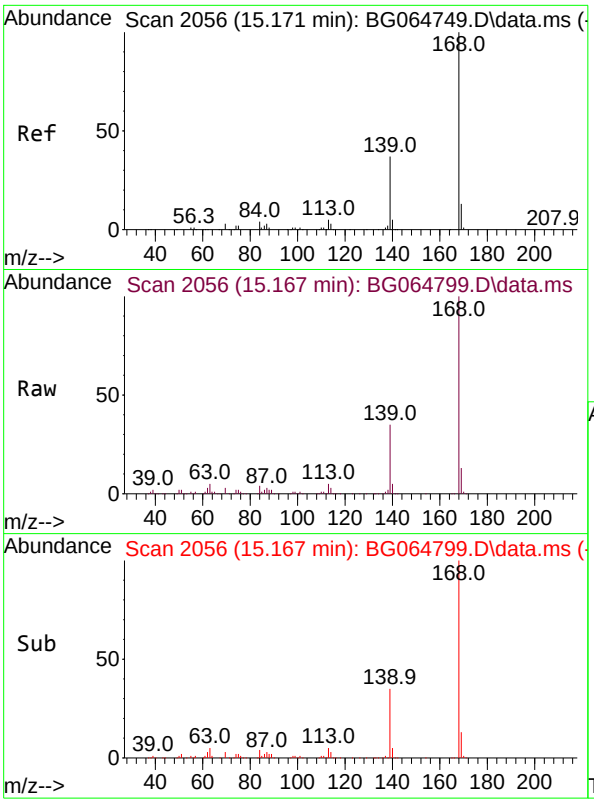




#54
2,4-Dinitrophenol
Concen: 41.231 ng
RT: 14.862 min Scan# 2004
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:184 Resp: 57590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 65.5 | 45.8 | 68.6 |
| 154 | 97.7 | 52.6 | 78.8# |



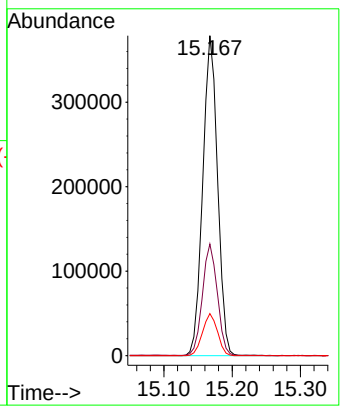


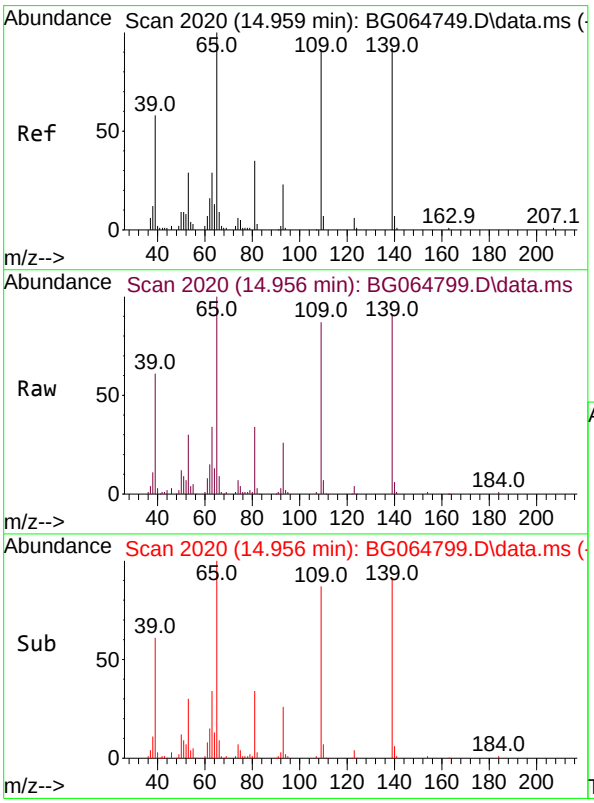

#55
Dibenzofuran
Concen: 39.408 ng
RT: 15.167 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 571101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.9 | 29.5 | 44.3 |
| 169 | 13.1 | 10.4 | 15.6 |

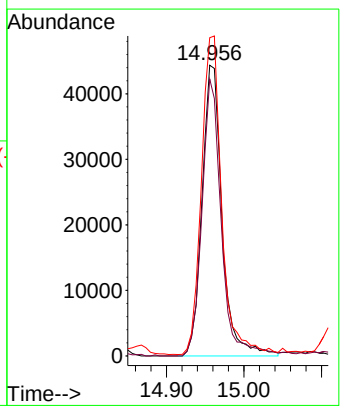


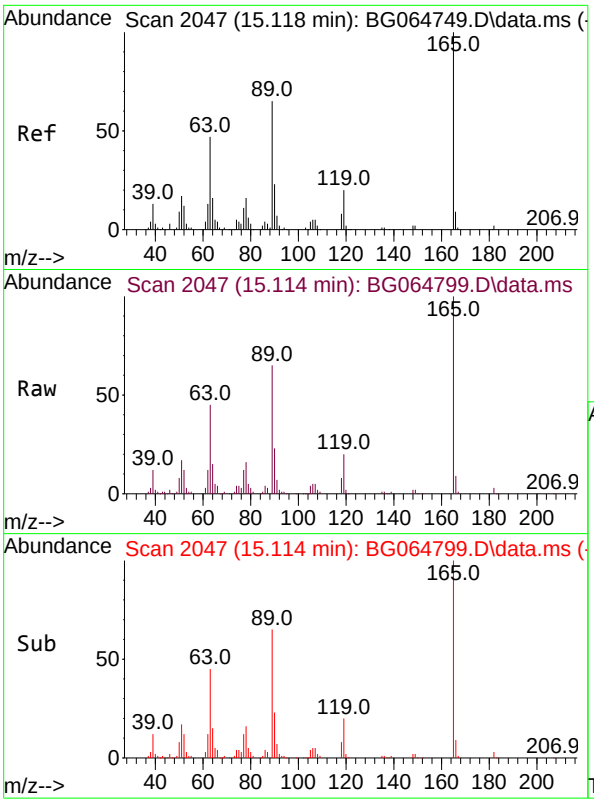




#56
4-Nitrophenol
Concen: 44.204 ng
RT: 14.956 min Scan# 2020
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:139 Resp: 79574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 95.3 | 79.7 | 119.7 |
| 65 | 109.5 | 89.9 | 129.9 |



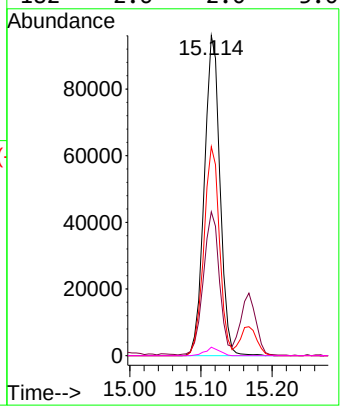


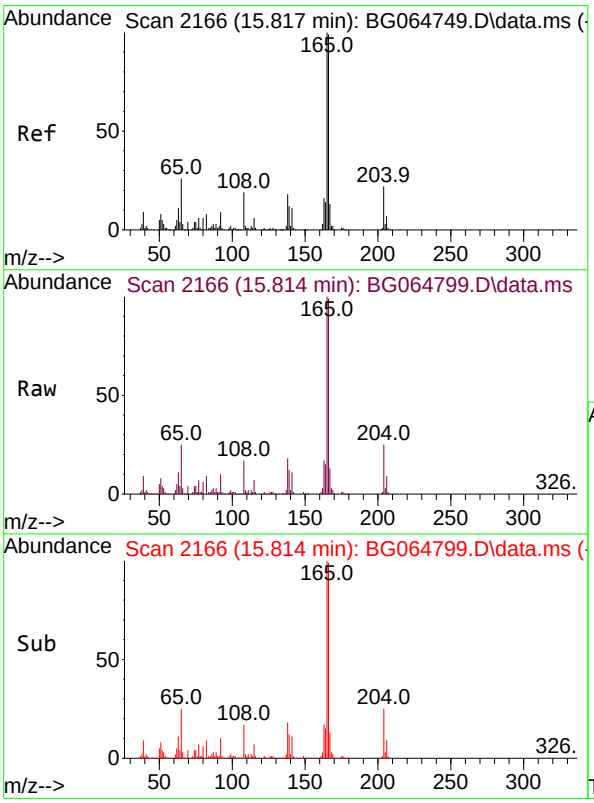

#57
2,4-Dinitrotoluene
Concen: 42.493 ng
RT: 15.114 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 146447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.9 | 37.8 | 56.6 |
| 89 | 65.3 | 51.6 | 77.4 |
| 182 | 2.6 | 2.0 | 3.0 |

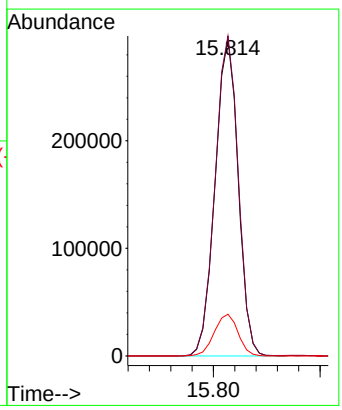


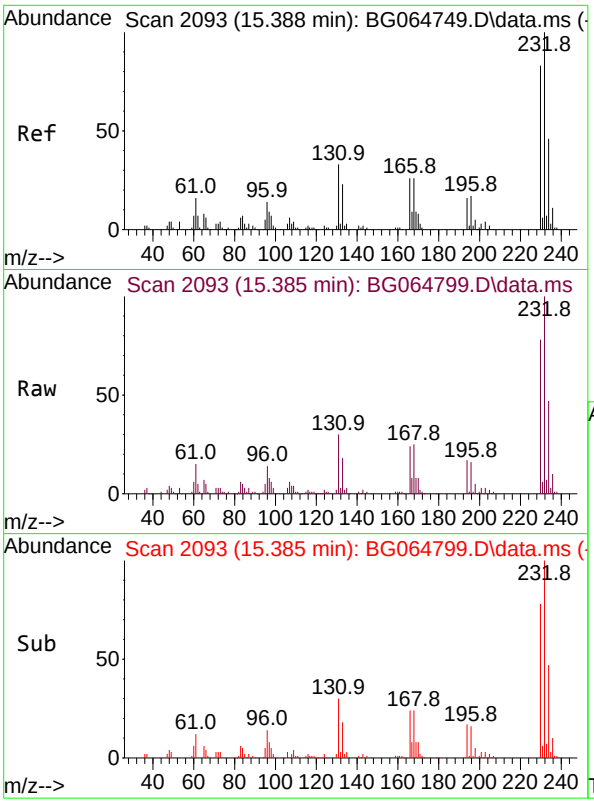




#58
Fluorene
Concen: 38.971 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:166 Resp: 442954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.9 | 80.5 | 120.7 |
| 167 | 13.2 | 10.3 | 15.5 |



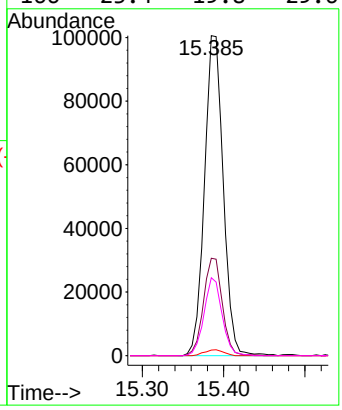


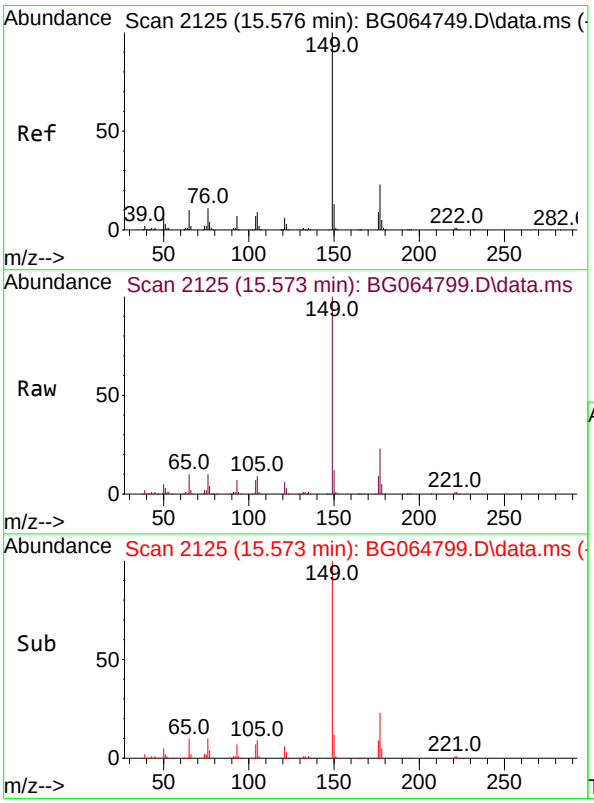

#59
2,3,4,6-Tetrachlorophenol
Concen: 42.191 ng
RT: 15.385 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 161281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 30.5 | 26.0 | 39.0 |
| 130 | 1.8 | 1.6 | 2.4 |
| 166 | 23.4 | 19.8 | 29.6 |

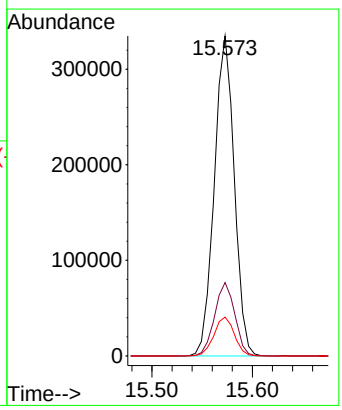


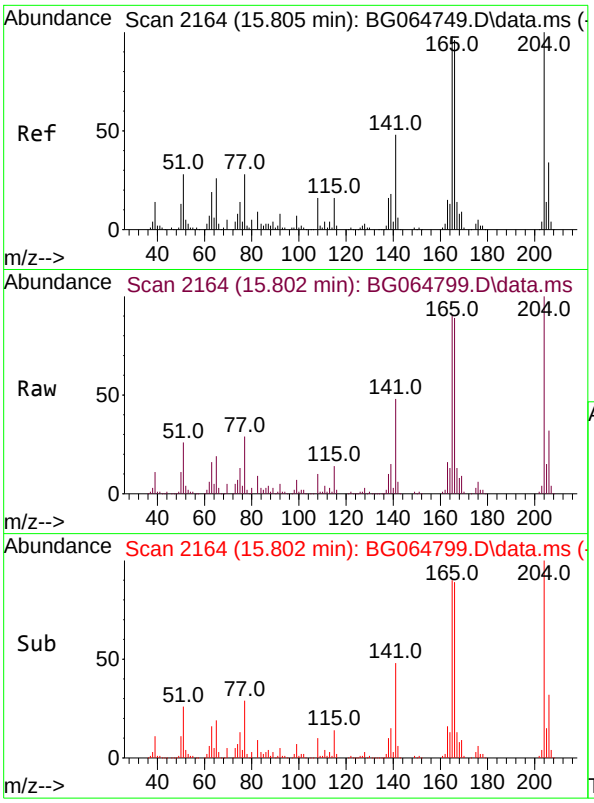




#60
Diethylphthalate
Concen: 40.532 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:149 Resp: 463863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.9 | 18.4 | 27.6 |
| 150 | 12.1 | 10.1 | 15.1 |



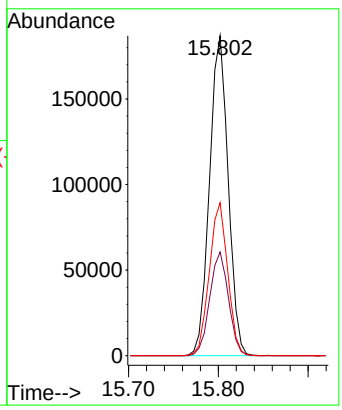


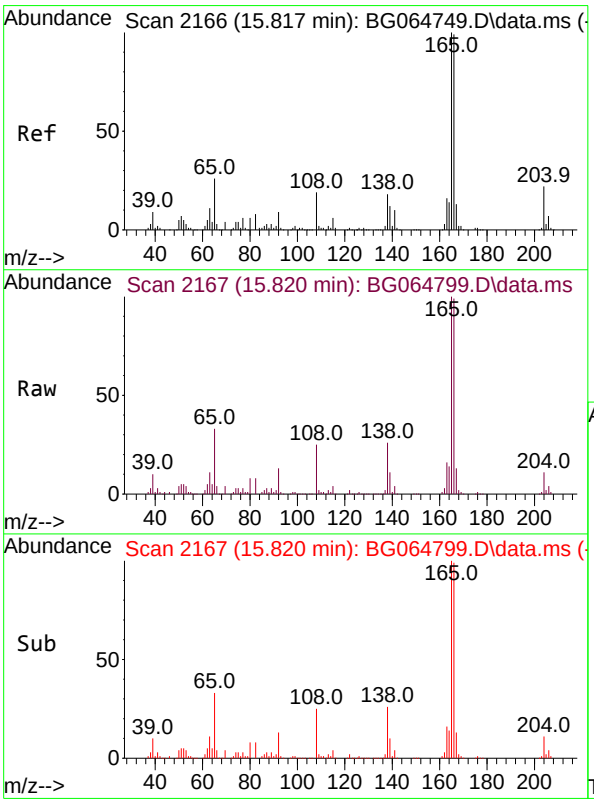

#61
4-Chlorophenyl-phenylether
Concen: 39.560 ng
RT: 15.802 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 269848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 26.9 | 40.3 |
| 141 | 47.8 | 38.1 | 57.1 |

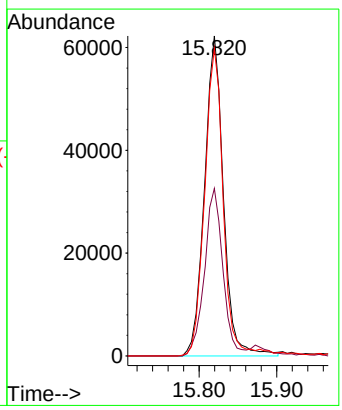


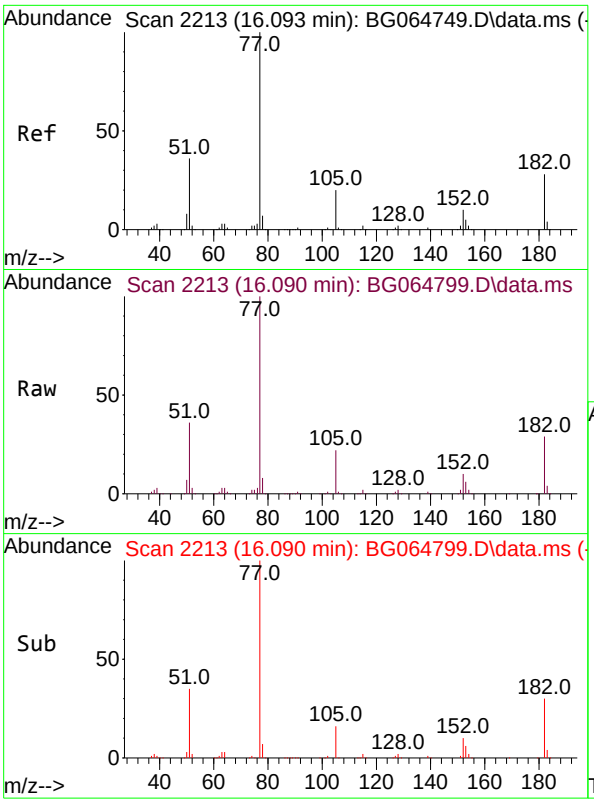




#62
4-Nitroaniline
Concen: 44.822 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:138 Resp: 105356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 52.3 | 30.7 | 70.7 |
| 108 | 96.0 | 85.7 | 125.7 |



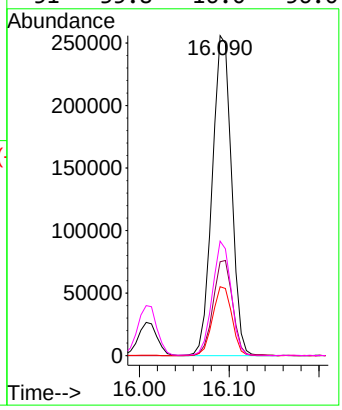


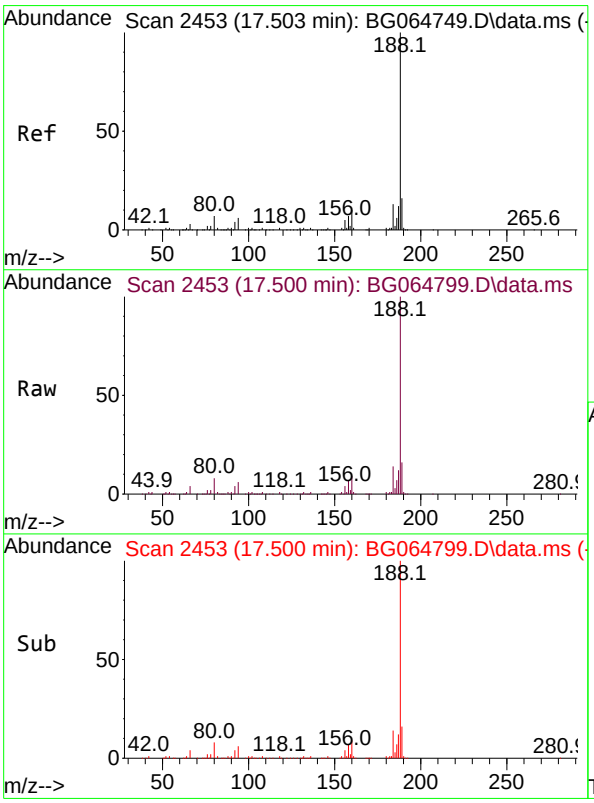

#63
Azobenzene
Concen: 40.098 ng
RT: 16.090 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 381695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.3 | 8.1 | 48.1 |
| 105 | 21.6 | 0.1 | 40.1 |
| 51 | 35.8 | 16.0 | 56.0 |

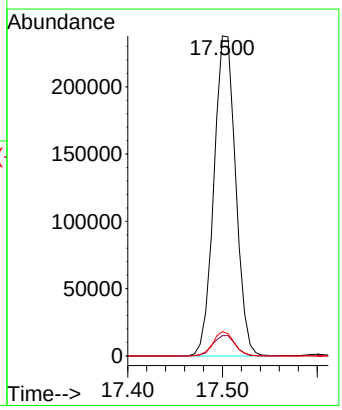


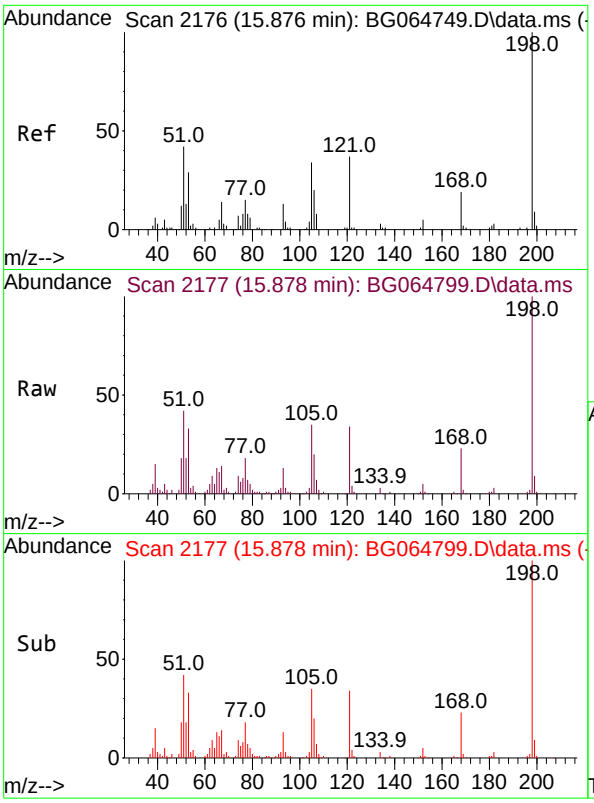




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:188 Resp: 378244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.3 | 4.7 | 7.1 |
| 80 | 7.6 | 5.4 | 8.2 |



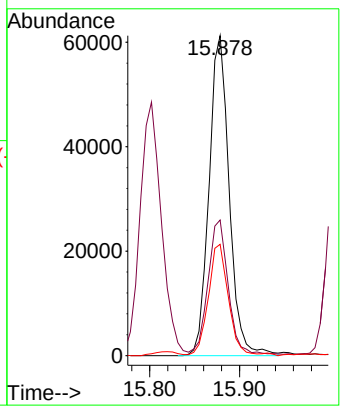


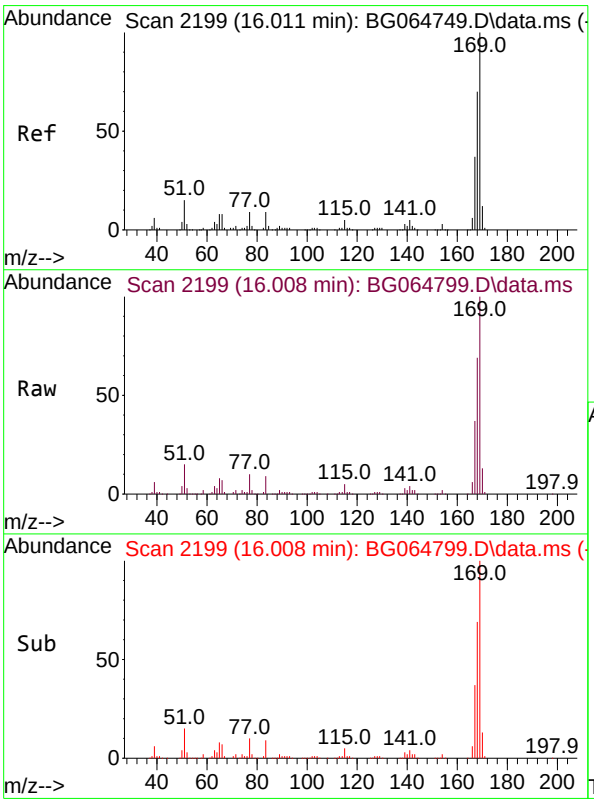

#65
4,6-Dinitro-2-methylphenol
Concen: 45.644 ng
RT: 15.878 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 95856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.4 | 25.2 | 65.2 |
| 105 | 34.8 | 14.2 | 54.2 |

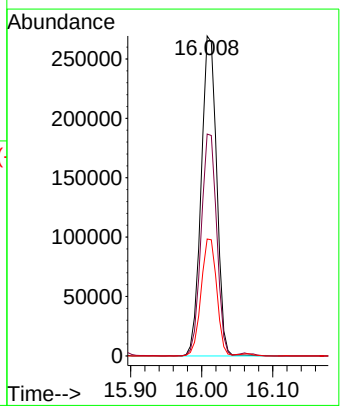


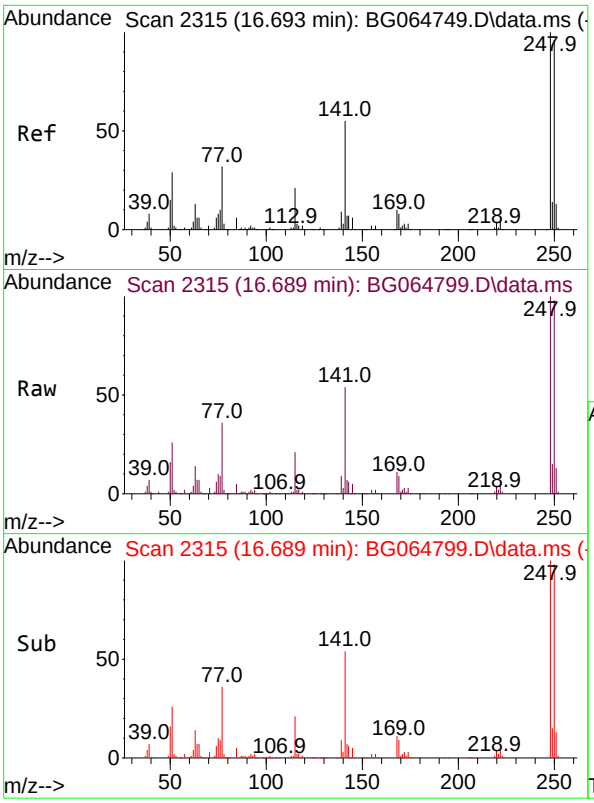




#66
n-Nitrosodiphenylamine
Concen: 40.965 ng
RT: 16.008 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:169 Resp: 405863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.3 | 55.9 | 83.9 |
| 167 | 36.5 | 29.8 | 44.6 |



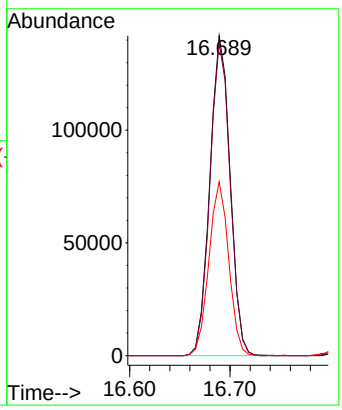


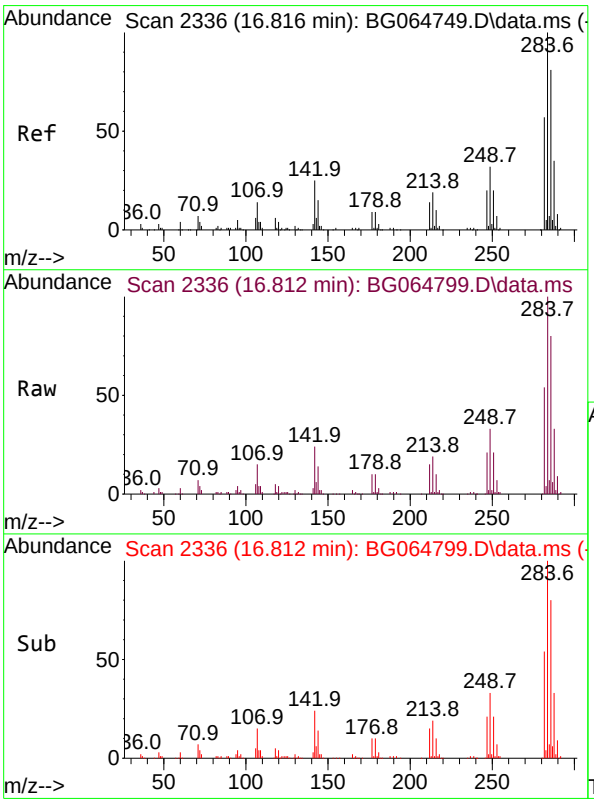

#67
4-Bromophenyl-phenylether
Concen: 40.163 ng
RT: 16.689 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 199498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.8 | 77.0 | 115.6 |
| 141 | 54.3 | 43.7 | 65.5 |

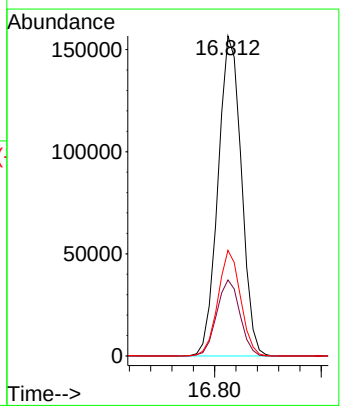


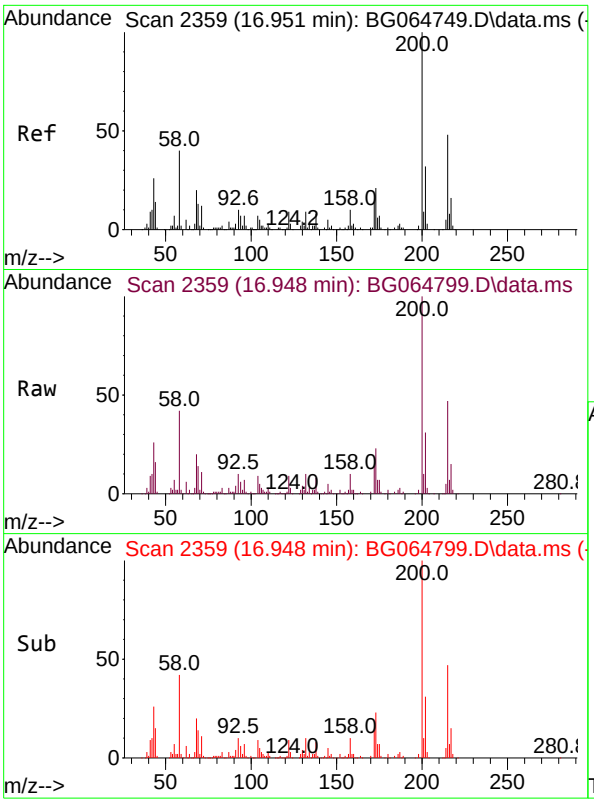




#68
Hexachlorobenzene
Concen: 39.648 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:284 Resp: 238603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.7 | 19.7 | 29.5 |
| 249 | 35.3 | 28.1 | 42.1 |



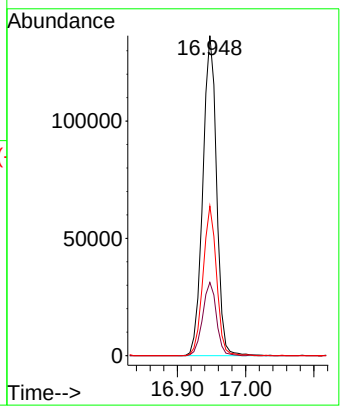


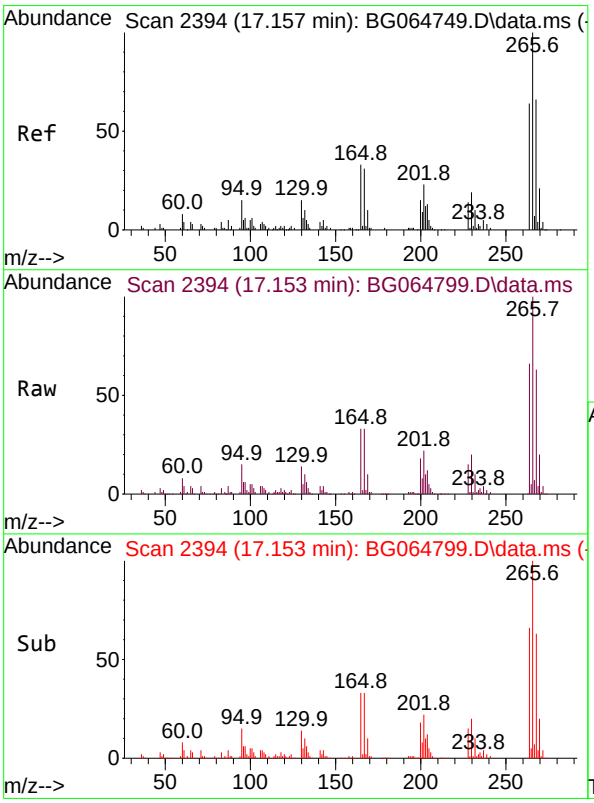

#69
Atrazine
Concen: 40.007 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 191104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.9 | 0.9 | 40.9 |
| 215 | 46.7 | 27.5 | 67.5 |

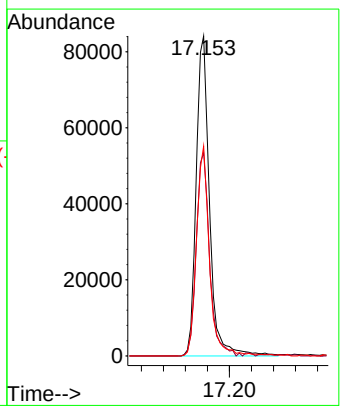


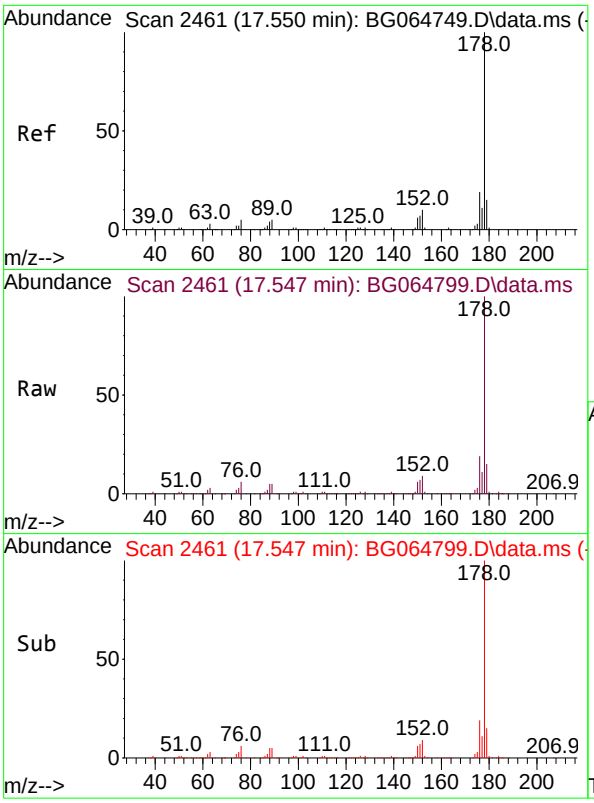




#70
Pentachlorophenol
Concen: 42.710 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:266 Resp: 141056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.5 | 56.1 | 84.1 |
| 264 | 65.6 | 51.2 | 76.8 |



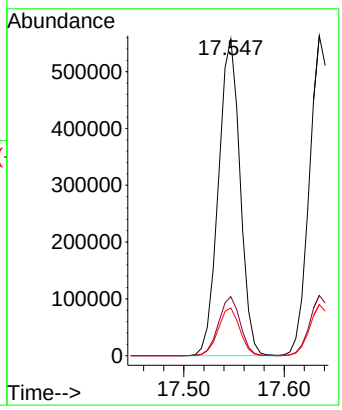


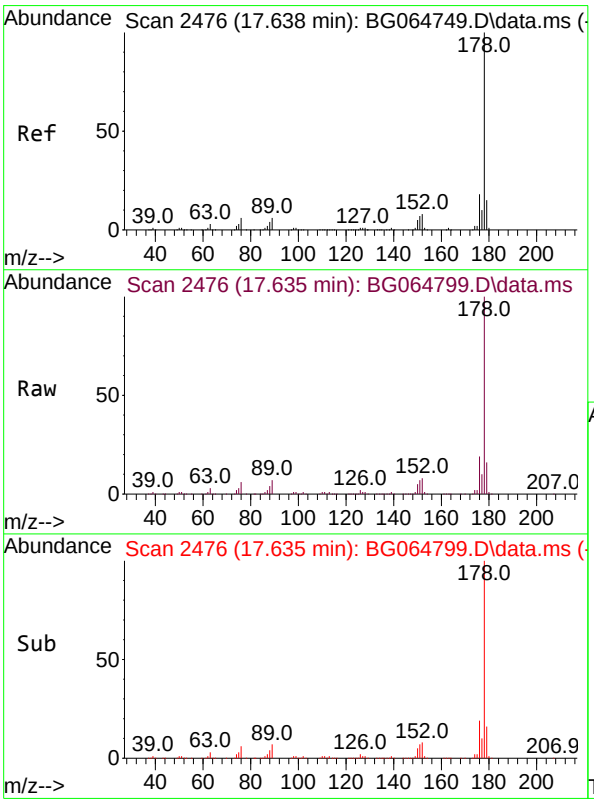

#71
Phenanthrene
Concen: 40.417 ng
RT: 17.547 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 836435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.8 | 22.2 |
| 179 | 15.0 | 12.2 | 18.4 |

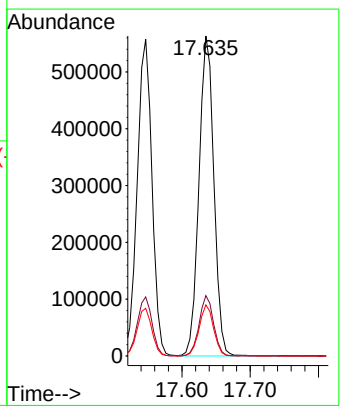


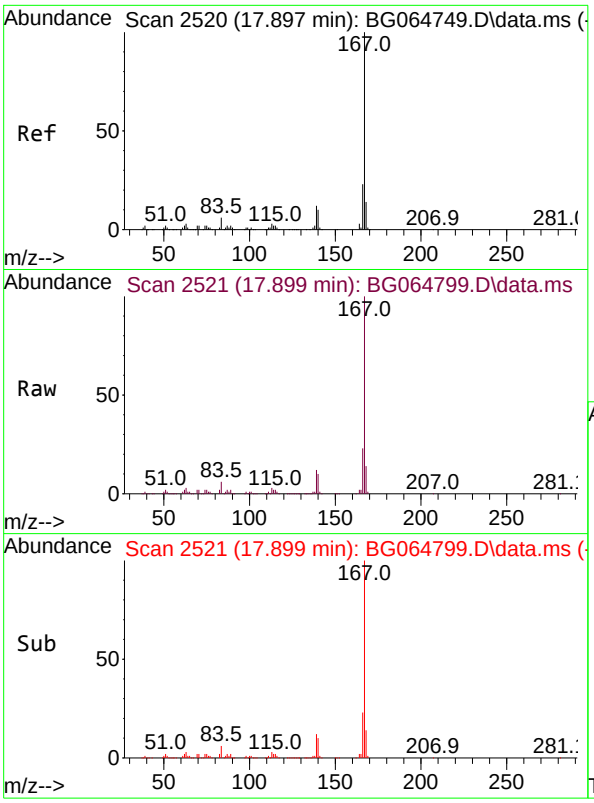




#72
Anthracene
Concen: 40.530 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:178 Resp: 855270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.5 | 21.7 |
| 179 | 15.9 | 12.2 | 18.4 |



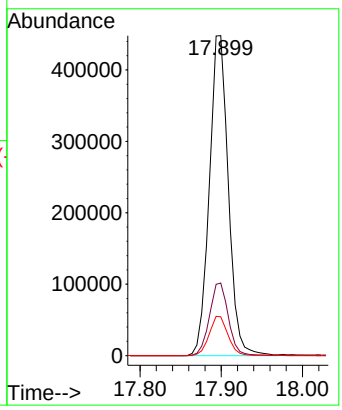


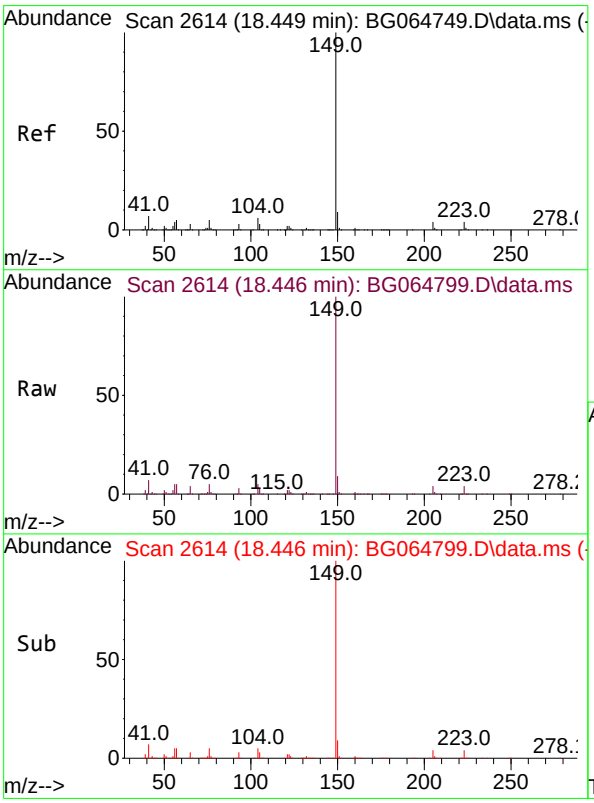

#73
Carbazole
Concen: 40.235 ng
RT: 17.899 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 729900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.7 | 18.0 | 27.0 |
| 139 | 12.1 | 9.7 | 14.5 |

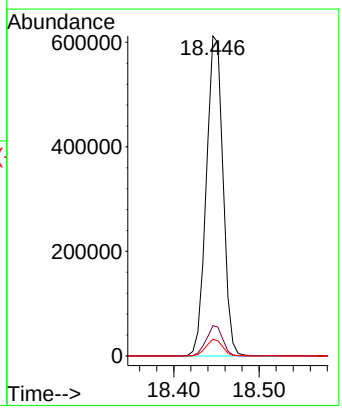


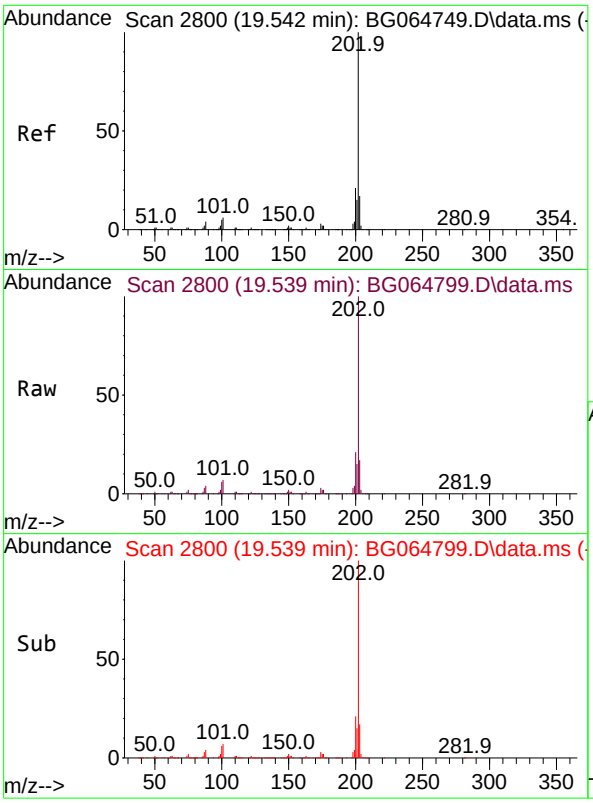




#74
Di-n-butylphthalate
Concen: 40.989 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:149 Resp: 829570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.5 | 11.3 |
| 104 | 5.2 | 4.4 | 6.6 |



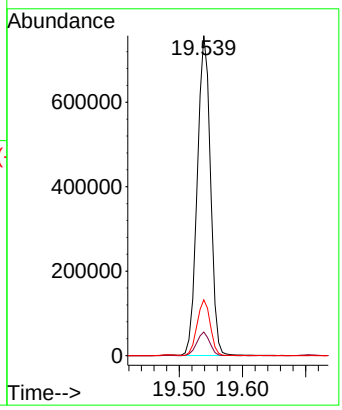


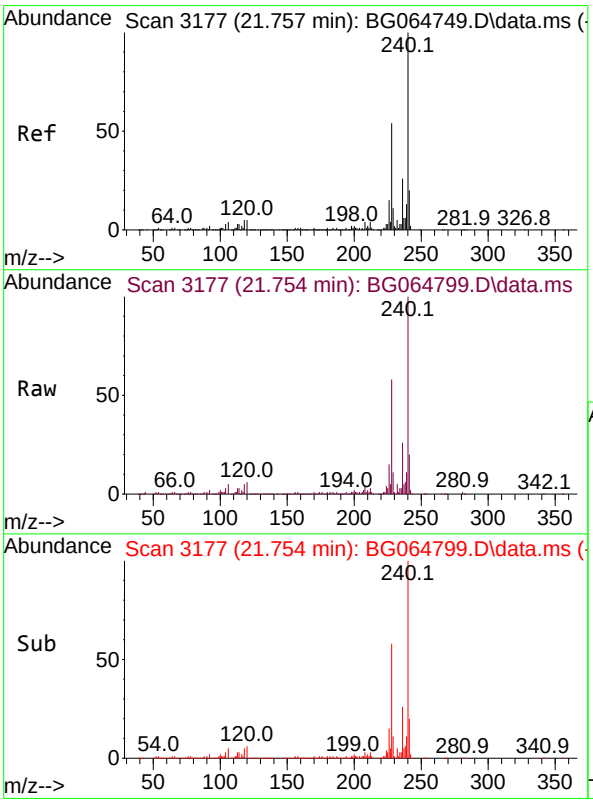

#75
Fluoranthene
Concen: 38.785 ng
RT: 19.539 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 1097600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.4 | 0.0 | 26.4 |
| 203 | 17.4 | 0.0 | 37.5 |

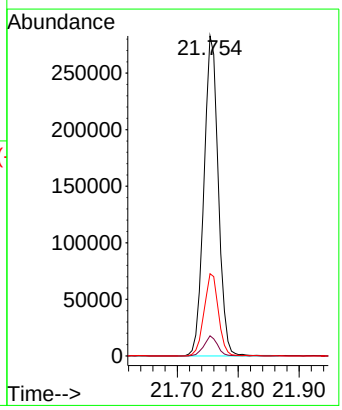


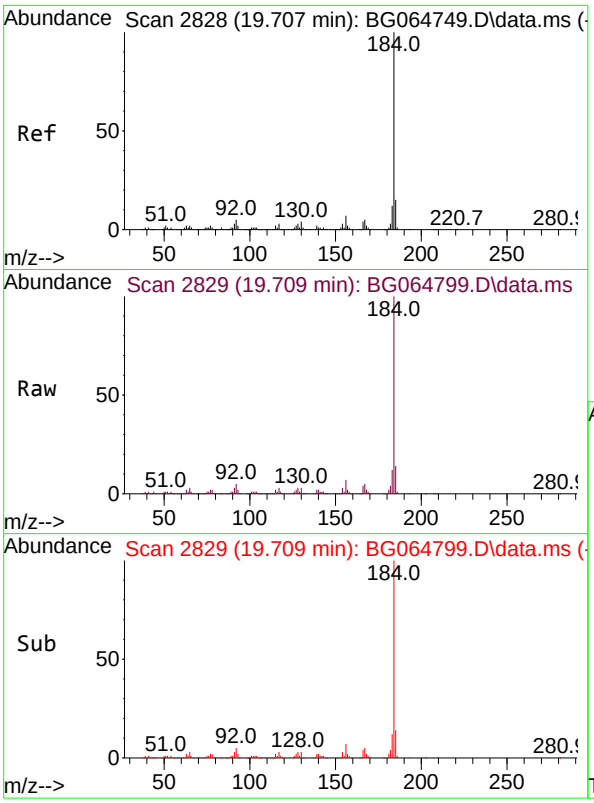




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:240 Resp: 462465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.3 | 4.2 | 6.4 |
| 236 | 25.7 | 20.8 | 31.2 |



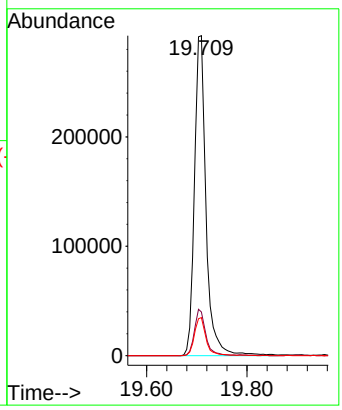


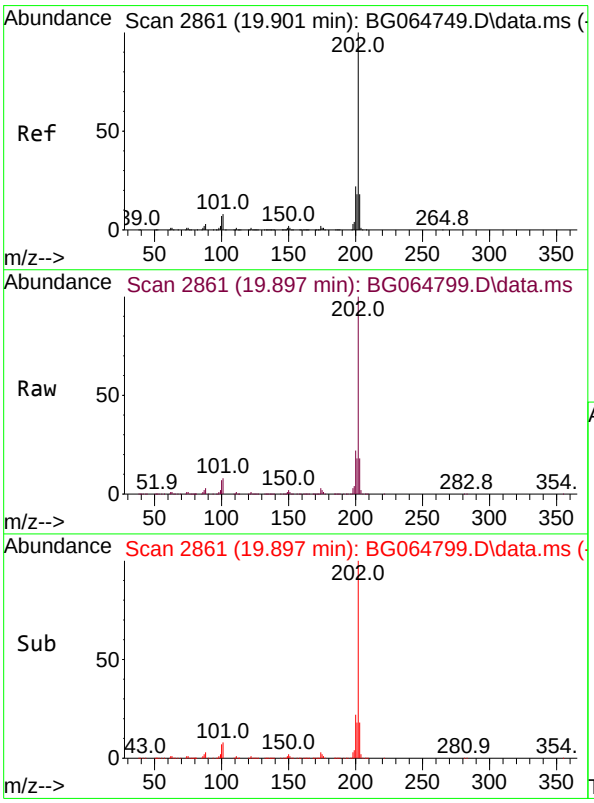

#77
Benzidine
Concen: 33.884 ng
RT: 19.709 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 469297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.6 | 11.8 | 17.6 |
| 183 | 11.9 | 9.8 | 14.6 |

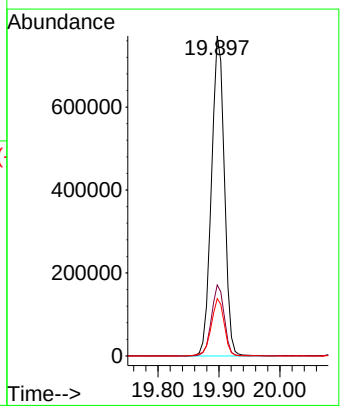


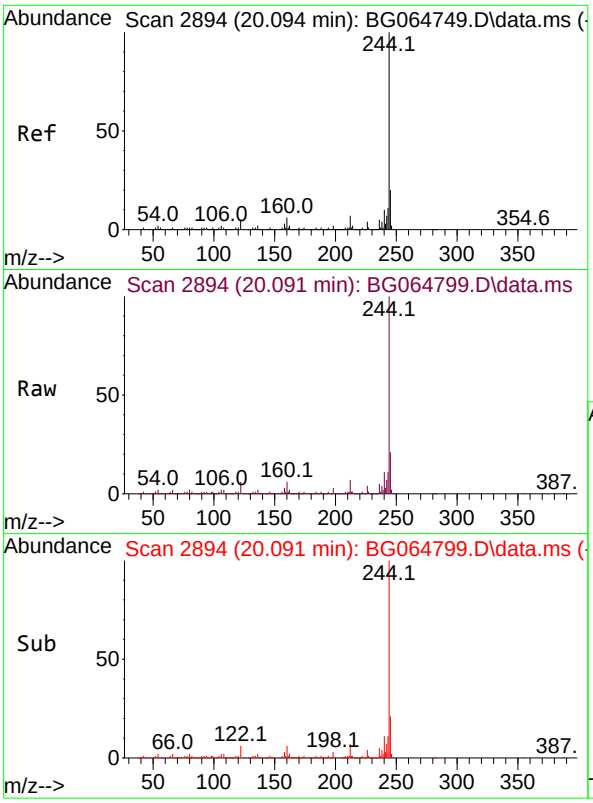




#78
Pyrene
Concen: 43.830 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:202 Resp: 1136034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.9 | 26.9 |
| 203 | 17.9 | 14.0 | 21.0 |



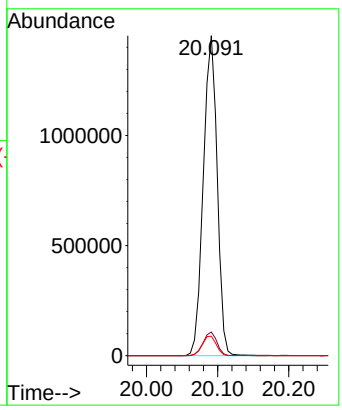


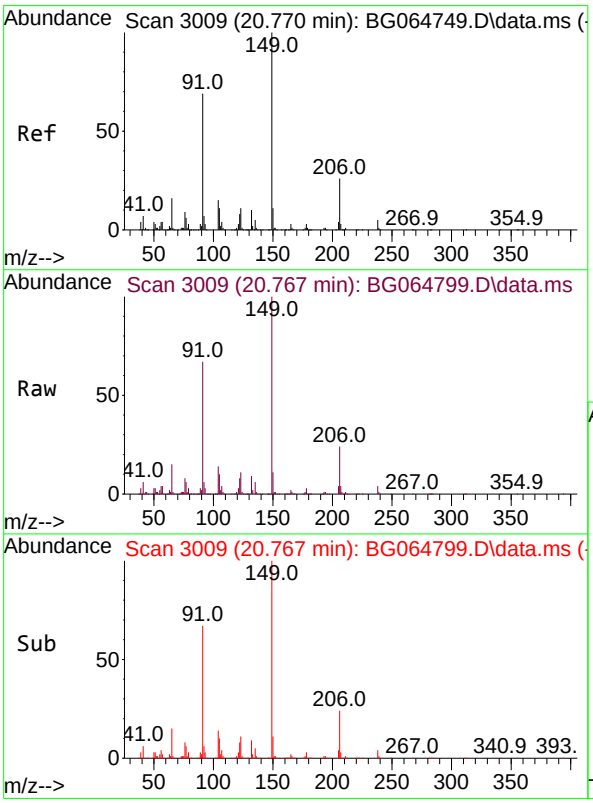

#79
Terphenyl-d14
Concen: 83.233 ng
RT: 20.091 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp: 1956806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.6 |
| 122 | 6.1 | 4.3 | 6.5 |

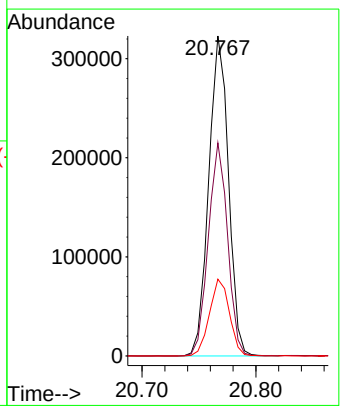


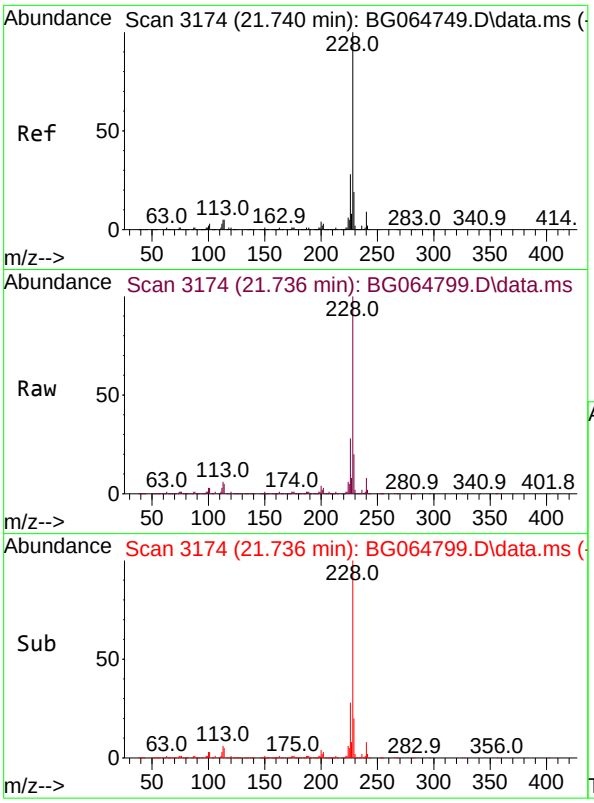




#80
Butylbenzylphthalate
Concen: 42.685 ng
RT: 20.767 min Scan# 3009
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:149 Resp: 389152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.6 | 54.9 | 82.3 |
| 206 | 24.0 | 21.2 | 31.8 |



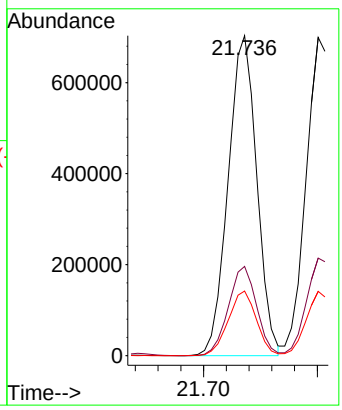


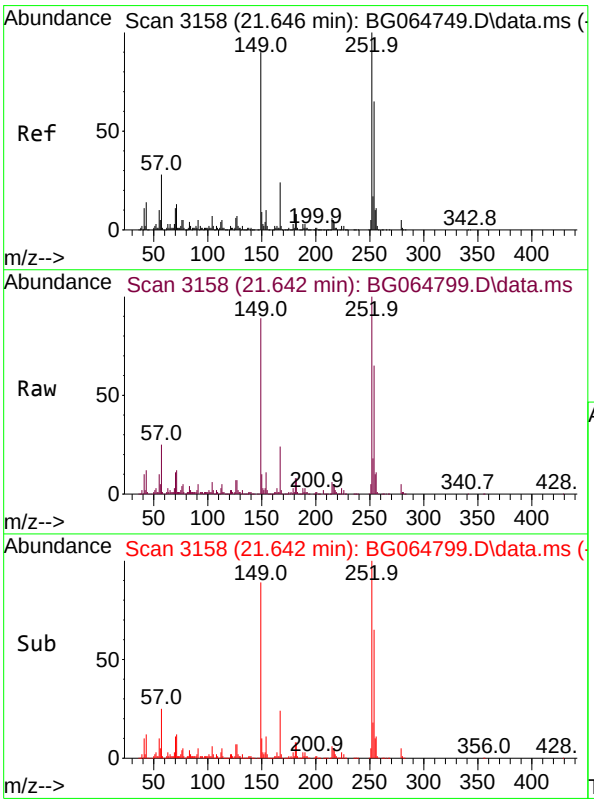

#81
Benzo(a)anthracene
Concen: 39.099 ng
RT: 21.736 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 1229496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.1 | 33.1 |
| 229 | 20.2 | 15.5 | 23.3 |

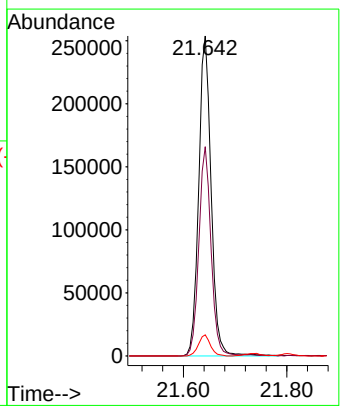


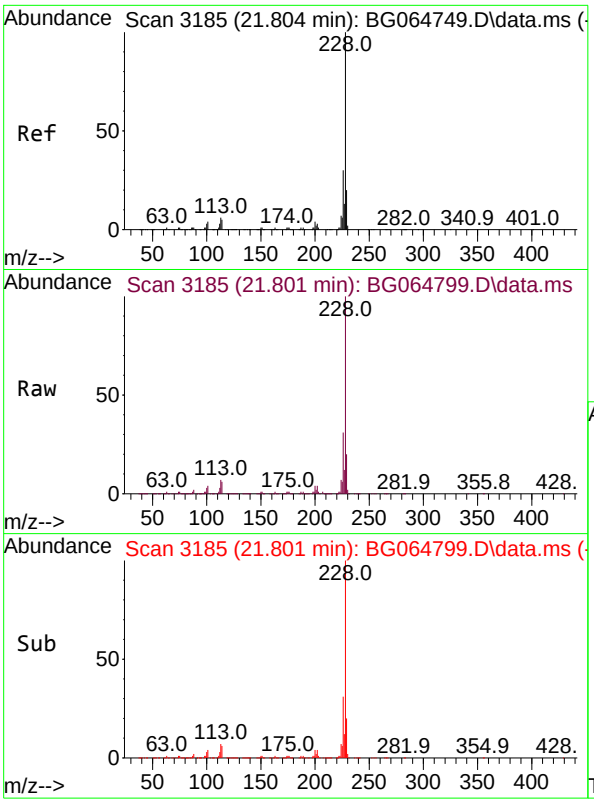




#82
3,3'-Dichlorobenzidine
Concen: 36.440 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:252 Resp: 421764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.4 | 51.8 | 77.8 |
| 126 | 6.6 | 4.7 | 7.1 |



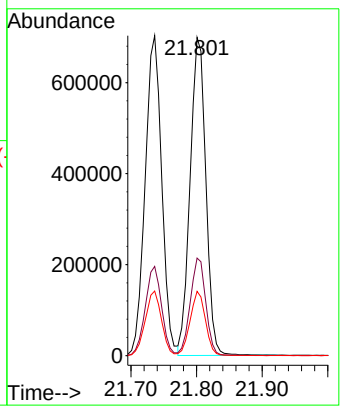


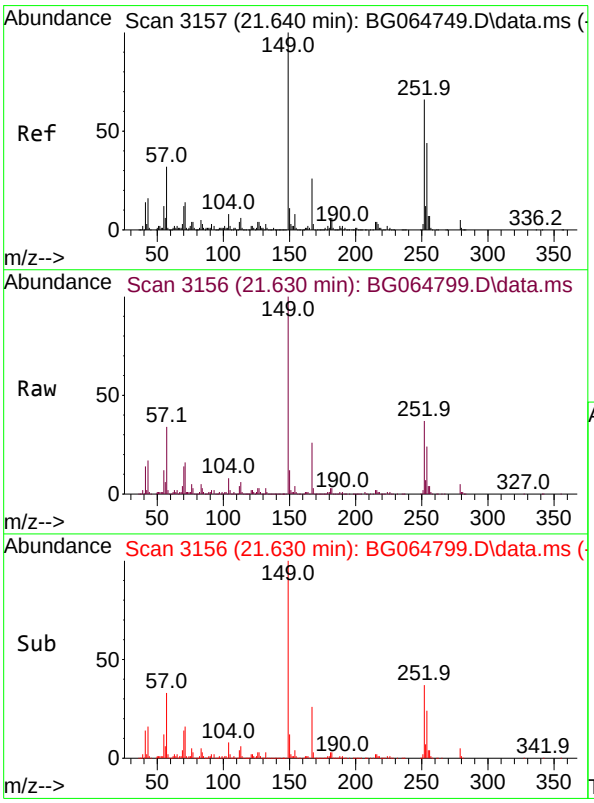

#83
Chrysene
Concen: 39.284 ng
RT: 21.801 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 1164626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 24.2 | 36.2 |
| 229 | 20.2 | 16.0 | 24.0 |

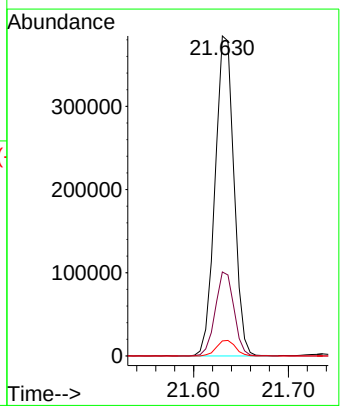


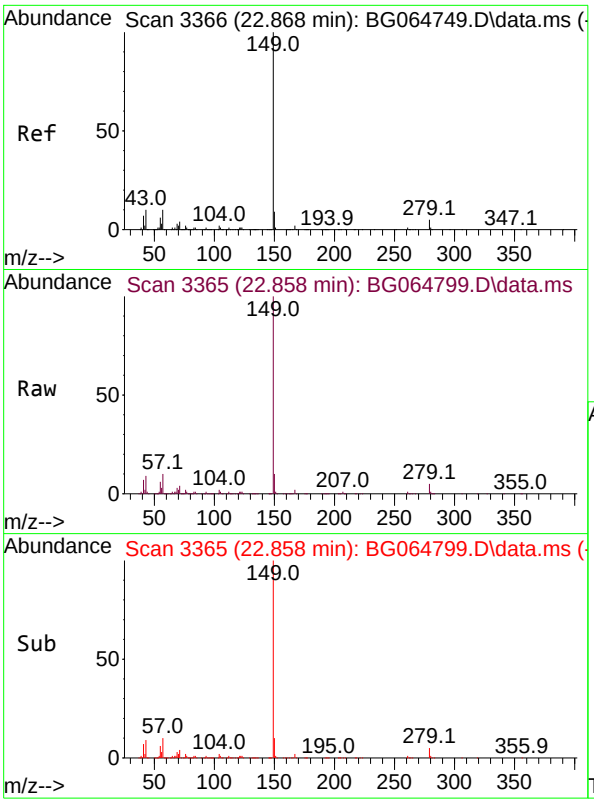




#84
Bis(2-ethylhexyl)phthalate
Concen: 39.823 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:149 Resp: 530522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 21.0 | 31.4 |
| 279 | 4.7 | 4.1 | 6.1 |



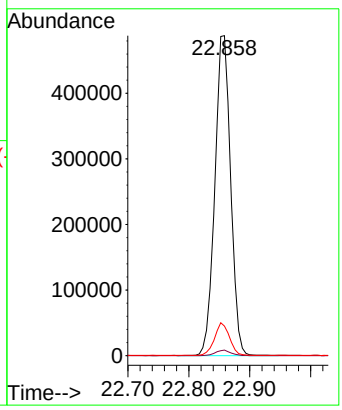


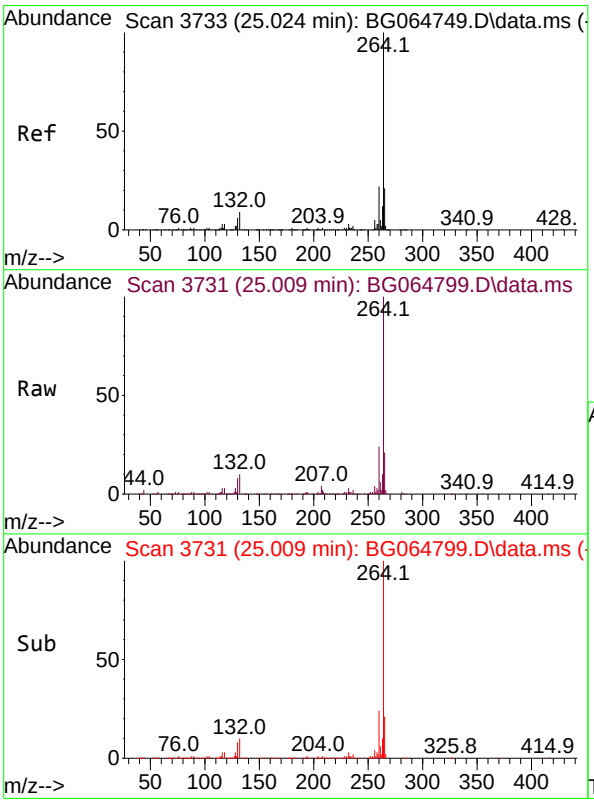

#85
Di-n-octyl phthalate
Concen: 38.222 ng
RT: 22.858 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 880187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 9.6 | 8.3 | 12.5 |

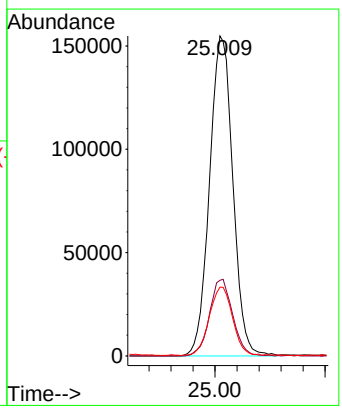


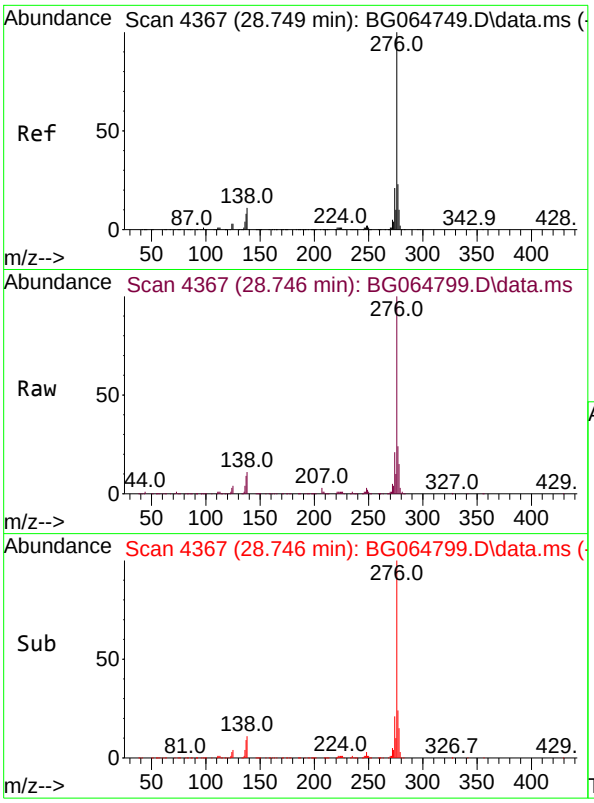




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:264 Resp: 455207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 17.2 | 25.8 |
| 265 | 21.5 | 16.6 | 25.0 |



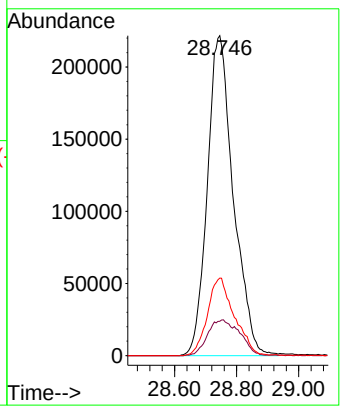


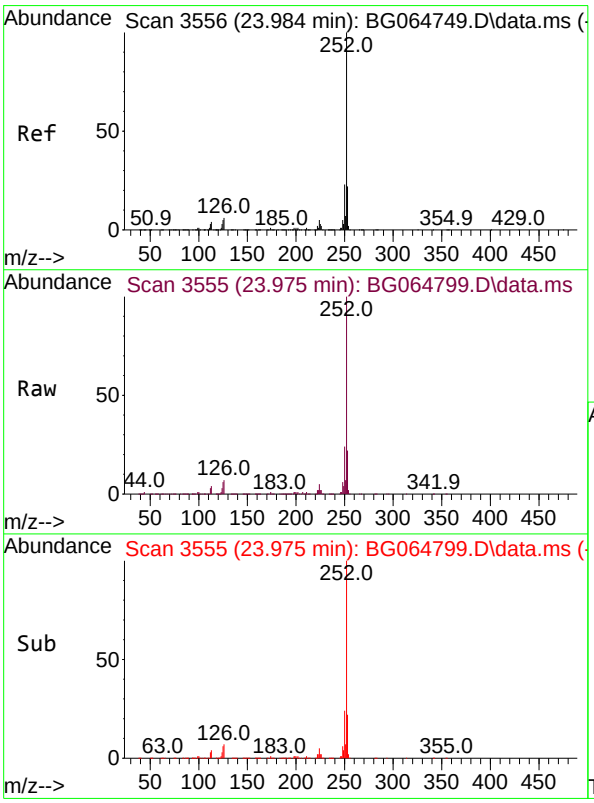

#87
Indeno(1,2,3-cd)pyrene
Concen: 41.337 ng
RT: 28.746 min Scan# 4
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 1292789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.8 | 4.5 | 6.7# |
| 277 | 25.0 | 20.0 | 30.0 |

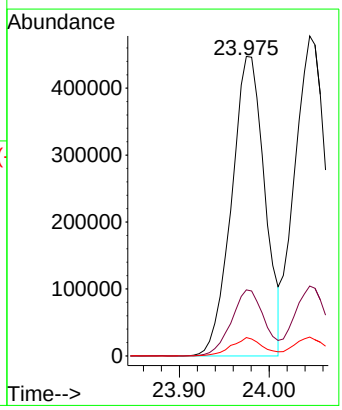


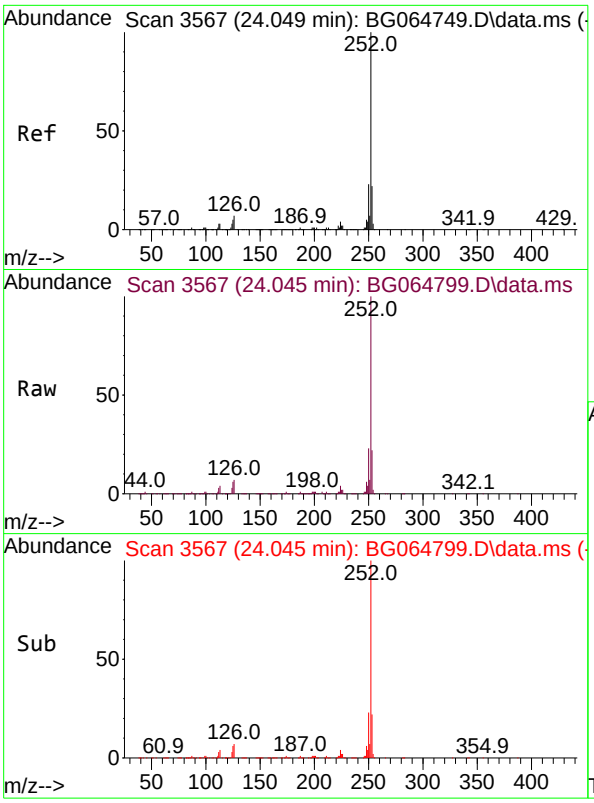




#88
Benzo(b)fluoranthene
Concen: 39.742 ng
RT: 23.975 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:252 Resp: 1151279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 6.1 | 4.2 | 6.2 |



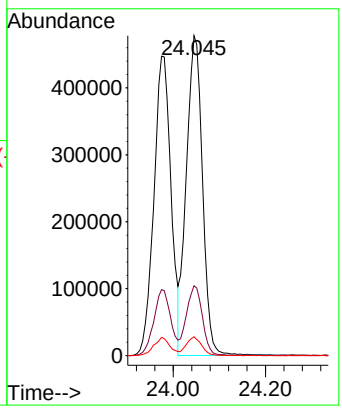


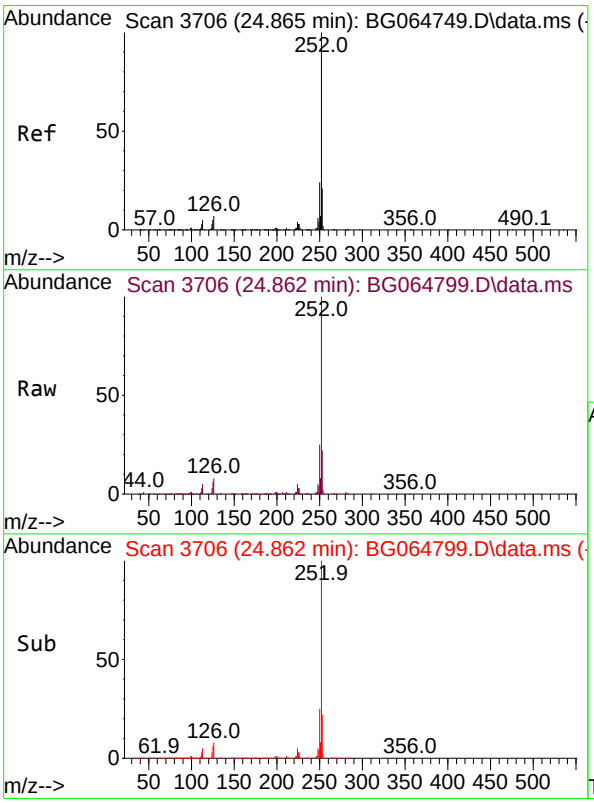

#89
Benzo(k)fluoranthene
Concen: 40.139 ng
RT: 24.045 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 1168193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.8 |
| 125 | 5.9 | 4.1 | 6.1 |

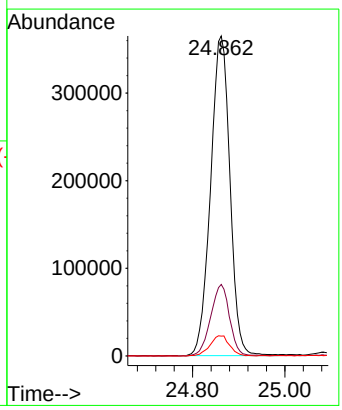


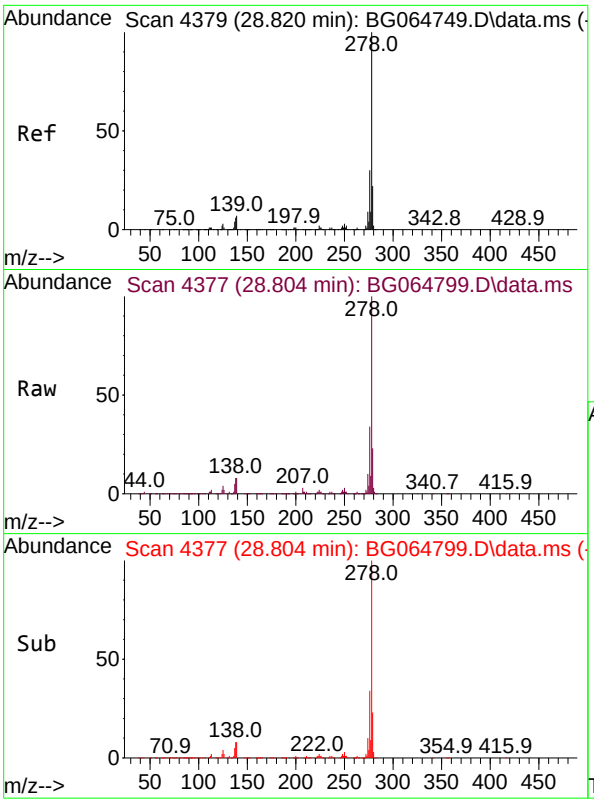




#90
Benzo(a)pyrene
Concen: 39.600 ng
RT: 24.862 min Scan# 3706
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:252 Resp: 1064131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 16.9 | 25.3 |
| 125 | 6.2 | 4.2 | 6.4 |



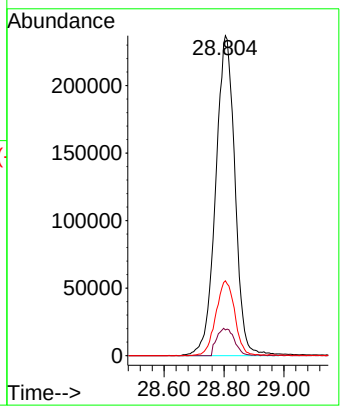


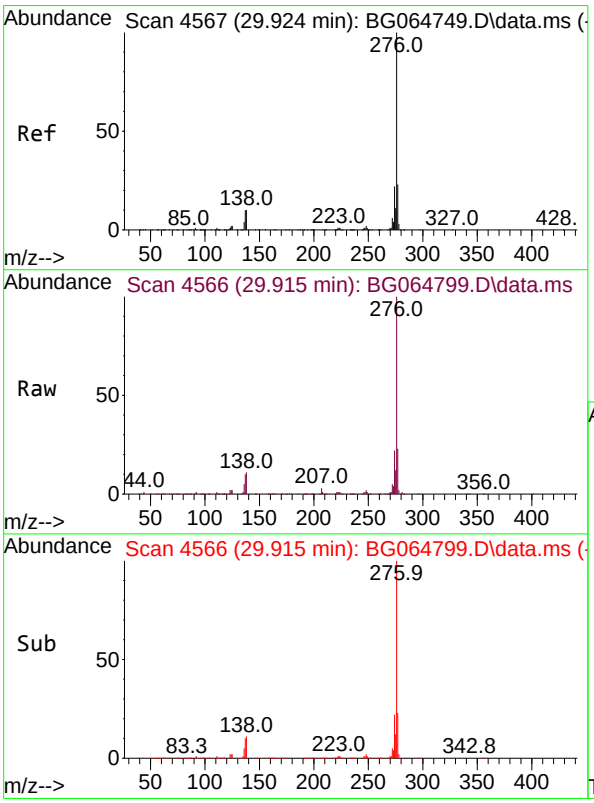

#91
Dibenzo(a,h)anthracene
Concen: 41.520 ng
RT: 28.804 min Scan# 4
Delta R.T. -0.015 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 1063773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.0 | 5.8 | 8.8 |
| 279 | 23.4 | 17.3 | 25.9 |

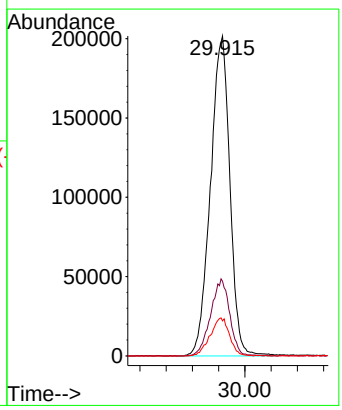



#92
Benzo(g,h,i)perylene
Concen: 41.971 ng
RT: 29.915 min Scan# 4566
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:276 Resp: 1034901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 18.0 | 27.0 |
| 138 | 10.9 | 8.2 | 12.2 |



Sample Results: **BG064799.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 161# | 0.00 |
| 2 | | 1,4-Dioxane | 0.443 | 0.411 | 7.2 | 142 | 0.00 |
| 3 | | Pyridine | 1.321 | 1.291 | 2.3 | 153# | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.672 | 0.604 | 10.1 | 142 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.145 | 1.128 | 1.5 | 156# | 0.00 |
| 6 | | Aniline | 2.030 | 2.030 | 0.0 | 155# | 0.00 |
| 7 | S | Phenol-d6 | 1.523 | 1.523 | 0.0 | 156# | 0.00 |
| 8 | | 2-Chlorophenol | 1.258 | 1.269 | -0.9 | 157# | 0.00 |
| 9 | | Benzaldehyde | 0.997 | 0.912 | 8.5 | 143 | 0.00 |
| 10 | C | Phenol | 1.657 | 1.689 | -1.9 | 159# | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.179 | 1.233 | -4.6 | 161# | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.447 | 1.436 | 0.8 | 155# | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 1.474 | 1.455 | 1.3 | 156# | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.429 | 1.420 | 0.6 | 155# | 0.00 |
| 15 | | Benzyl Alcohol | 1.250 | 1.236 | 1.1 | 153# | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 2.792 | 2.561 | 8.3 | 146 | 0.00 |
| 17 | | 2-Methylphenol | 1.173 | 1.178 | -0.4 | 156# | 0.00 |
| 18 | | Hexachloroethane | 0.558 | 0.526 | 5.7 | 151# | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 1.030 | 1.047 | -1.7 | 154# | 0.00 |
| 20 | | 3+4-Methylphenols | 1.607 | 1.588 | 1.2 | 155# | 0.00 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 156# | 0.00 |
| 22 | | Acetophenone | 0.545 | 0.562 | -3.1 | 156# | 0.00 |
| 23 | S | Nitrobenzene-d5 | 0.405 | 0.405 | 0.0 | 152# | 0.00 |
| 24 | | Nitrobenzene | 0.409 | 0.420 | -2.7 | 158# | 0.00 |
| 25 | | Isophorone | 0.770 | 0.766 | 0.5 | 156# | 0.00 |
| 26 | C | 2-Nitrophenol | 0.184 | 0.195 | -6.0 | 158# | 0.00 |
| 27 | | 2,4-Dimethylphenol | 0.327 | 0.336 | -2.8 | 158# | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 0.423 | 0.444 | -5.0 | 163# | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 0.351 | 0.366 | -4.3 | 157# | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 0.423 | 0.421 | 0.5 | 155# | 0.00 |
| 31 | | Naphthalene | 1.134 | 1.122 | 1.1 | 153# | 0.00 |
| 32 | | Benzoic acid | 0.205 | 0.217 | -5.9 | 166# | 0.01 |
| 33 | | 4-Chloroaniline | 0.454 | 0.472 | -4.0 | 156# | 0.00 |
| 34 | C | Hexachlorobutadiene | 0.363 | 0.353 | 2.8 | 150# | 0.00 |
| 35 | | Caprolactam | 0.105 | 0.115 | -9.5 | 175# | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 0.390 | 0.405 | -3.8 | 162# | 0.00 |
| 37 | | 2-Methylnaphthalene | 0.848 | 0.836 | 1.4 | 155# | 0.00 |
| 38 | | 1-Methylnaphthalene | 0.843 | 0.828 | 1.8 | 155# | 0.00 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 157# | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.778 | 0.756 | 2.8 | 152# | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 0.558 | 0.528 | 5.4 | 148 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 0.390 | 0.387 | 0.8 | 158# | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 0.457 | 0.464 | -1.5 | 157# | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 0.512 | 0.515 | -0.6 | 155# | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 1.433 | 1.382 | 3.6 | 153# | 0.00 |
| 46 | | 1,1'-Biphenyl | 1.436 | 1.390 | 3.2 | 153# | 0.00 |
| 47 | | 2-Chloronaphthalene | 1.132 | 1.114 | 1.6 | 156# | 0.00 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 0.364 | 0.381 | -4.7 | 161# | 0.00 |
| 49 | | Acenaphthylene | 1.933 | 1.911 | 1.1 | 156# | 0.00 |
| 50 | | Dimethylphthalate | 1.580 | 1.559 | 1.3 | 158# | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 0.304 | 0.313 | -3.0 | 161# | 0.00 |
| 52 | C | Acenaphthene | 1.159 | 1.177 | -1.6 | 159# | 0.00 |
| 53 | | 3-Nitroaniline | 0.300 | 0.325 | -8.3 | 167# | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 0.158 | 0.190 | -20.3 | 177# | 0.00 |
| 55 | | Dibenzofuran | 1.916 | 1.888 | 1.5 | 159# | 0.00 |
| 56 | P | 4-Nitrophenol | 0.238 | 0.263 | -10.5 | 171# | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 0.456 | 0.484 | -6.1 | 165# | 0.00 |
| 58 | | Fluorene | 1.503 | 1.464 | 2.6 | 157# | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.506 | 0.533 | -5.3 | 167# | 0.00 |
| 60 | | Diethylphthalate | 1.513 | 1.534 | -1.4 | 162# | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 0.902 | 0.892 | 1.1 | 159# | 0.00 |
| 62 | | 4-Nitroaniline | 0.311 | 0.348 | -11.9 | 171# | 0.00 |
| 63 | | Azobenzene | 1.259 | 1.262 | -0.2 | 161# | 0.00 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 159# | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.111 | 0.127 | -14.4 | 173# | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 0.524 | 0.537 | -2.5 | 159# | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 0.263 | 0.264 | -0.4 | 156# | 0.00 |
| 68 | | Hexachlorobenzene | 0.318 | 0.315 | 0.9 | 157# | 0.00 |
| 69 | | Atrazine | 0.253 | 0.253 | 0.0 | 159# | 0.00 |
| 70 | C | Pentachlorophenol | 0.157 | 0.186 | -18.5 | 185# | 0.00 |
| 71 | | Phenanthrene | 1.094 | 1.106 | -1.1 | 160# | 0.00 |
| 72 | | Anthracene | 1.116 | 1.131 | -1.3 | 162# | 0.00 |
| 73 | | Carbazole | 0.959 | 0.965 | -0.6 | 158# | 0.00 |
| 74 | | Di-n-butylphthalate | 1.070 | 1.097 | -2.5 | 162# | 0.00 |
| 75 | C | Fluoranthene | 1.496 | 1.451 | 3.0 | 155# | 0.00 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 140 | 0.00 |
| 77 | | Benzidine | 0.599 | 0.507 | 15.4 | 127 | 0.00 |
| 78 | | Pyrene | 1.121 | 1.228 | -9.5 | 155# | 0.00 |
| 79 | S | Terphenyl-d14 | 1.017 | 1.058 | -4.0 | 147 | 0.00 |
| 80 | | Butylbenzylphthalate | 0.394 | 0.421 | -6.9 | 151# | 0.00 |
| 81 | | Benzo(a)anthracene | 1.360 | 1.329 | 2.3 | 135 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 0.501 | 0.456 | 9.0 | 124 | 0.00 |
| 83 | | Chrysene | 1.282 | 1.259 | 1.8 | 135 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.576 | 0.574 | 0.3 | 138 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 0.996 | 0.952 | 4.4 | 129 | 0.00 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 122 | -0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.374 | 1.420 | -3.3 | 124 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 1.273 | 1.265 | 0.6 | 120 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 1.279 | 1.283 | -0.3 | 125 | 0.00 |
| 90 | C | Benzo(a)pyrene | 1.181 | 1.169 | 1.0 | 120 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 1.126 | 1.168 | -3.7 | 124 | -0.02 |
| 92 | | Benzo(g,h,i)perylene | 1.083 | 1.137 | -5.0 | 126 | 0.00 |

Sample Results: **BG064799.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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

Sample Results: **BG064799.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 161 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 37.051 | 7.4 | 142 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.101 | 2.2 | 153 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 35.909 | 10.2 | 142 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 78.759 | 1.6 | 156 | 0.00 |
| 6 | | Aniline | 40.000 | 39.994 | 0.0 | 155 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 79.975 | 0.0 | 156 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.371 | -0.9 | 157 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 36.596 | 8.5 | 143 | 0.00 |
| 10 | C | Phenol | 40.000 | 40.771 | -1.9 | 159 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 41.807 | -4.5 | 161 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.686 | 0.8 | 155 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.509 | 1.2 | 156 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.742 | 0.6 | 155 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 39.543 | 1.1 | 153 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.692 | 8.3 | 146 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.183 | -0.5 | 156 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 37.692 | 5.8 | 151 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.675 | -1.7 | 154 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.529 | 1.2 | 155 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 156 | 0.00 |
| 22 | | Acetophenone | 40.000 | 41.249 | -3.1 | 156 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.006 | -0.0 | 152 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 41.133 | -2.8 | 158 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.776 | 0.6 | 156 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 42.526 | -6.3 | 158 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 41.107 | -2.8 | 158 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 41.964 | -4.9 | 163 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 41.729 | -4.3 | 157 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.774 | 0.6 | 155 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.598 | 1.0 | 153 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 38.885 | 2.8 | 166 | 0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 41.653 | -4.1 | 156 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.855 | 2.9 | 150 | 0.00 |
| 35 | | Caprolactam | 40.000 | 44.045 | -10.1 | 175 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 41.541 | -3.9 | 162 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.410 | 1.5 | 155 | 0.00 |
| 38 | | 1-Methylnaphthalene | 40.000 | 39.290 | 1.8 | 155 | 0.00 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 157 | 0.00 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 38.840 | 2.9 | 152 | 0.00 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 37.821 | 5.4 | 148 | 0.00 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 79.437 | 0.7 | 158 | 0.00 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.613 | -1.5 | 157 | 0.00 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 40.168 | -0.4 | 155 | 0.00 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 77.118 | 3.6 | 153 | 0.00 |
| 46 | | 1,1'-Biphenyl | 40.000 | 38.705 | 3.2 | 153 | 0.00 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.376 | 1.6 | 156 | 0.00 |

Sample Results: **BG064799.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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 | 41.911 | -4.8 | 161 | 0.00 |
| 49 | | Acenaphthylene | 40.000 | 39.541 | 1.1 | 156 | 0.00 |
| 50 | | Dimethylphthalate | 40.000 | 39.472 | 1.3 | 158 | 0.00 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.173 | -2.9 | 161 | 0.00 |
| 52 | C | Acenaphthene | 40.000 | 40.611 | -1.5 | 159 | 0.00 |
| 53 | | 3-Nitroaniline | 40.000 | 43.322 | -8.3 | 167 | 0.00 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 41.231 | -3.1 | 177 | 0.00 |
| 55 | | Dibenzofuran | 40.000 | 39.408 | 1.5 | 159 | 0.00 |
| 56 | P | 4-Nitrophenol | 40.000 | 44.204 | -10.5 | 171 | 0.00 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 42.493 | -6.2 | 165 | 0.00 |
| 58 | | Fluorene | 40.000 | 38.971 | 2.6 | 157 | 0.00 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.191 | -5.5 | 167 | 0.00 |
| 60 | | Diethylphthalate | 40.000 | 40.532 | -1.3 | 162 | 0.00 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 39.560 | 1.1 | 159 | 0.00 |
| 62 | | 4-Nitroaniline | 40.000 | 44.822 | -12.1 | 171 | 0.00 |
| 63 | | Azobenzene | 40.000 | 40.098 | -0.2 | 161 | 0.00 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 159 | 0.00 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 45.644 | -14.1 | 173 | 0.00 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 40.965 | -2.4 | 159 | 0.00 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 40.163 | -0.4 | 156 | 0.00 |
| 68 | | Hexachlorobenzene | 40.000 | 39.648 | 0.9 | 157 | 0.00 |
| 69 | | Atrazine | 40.000 | 40.007 | -0.0 | 159 | 0.00 |
| 70 | C | Pentachlorophenol | 40.000 | 42.710 | -6.8 | 185 | 0.00 |
| 71 | | Phenanthrene | 40.000 | 40.417 | -1.0 | 160 | 0.00 |
| 72 | | Anthracene | 40.000 | 40.530 | -1.3 | 162 | 0.00 |
| 73 | | Carbazole | 40.000 | 40.235 | -0.6 | 158 | 0.00 |
| 74 | | Di-n-butylphthalate | 40.000 | 40.989 | -2.5 | 162 | 0.00 |
| 75 | C | Fluoranthene | 40.000 | 38.785 | 3.0 | 155 | 0.00 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 140 | 0.00 |
| 77 | | Benzidine | 40.000 | 33.884 | 15.3 | 127 | 0.00 |
| 78 | | Pyrene | 40.000 | 43.830 | -9.6 | 155 | 0.00 |
| 79 | S | Terphenyl-d14 | 80.000 | 83.233 | -4.0 | 147 | 0.00 |
| 80 | | Butylbenzylphthalate | 40.000 | 42.685 | -6.7 | 151 | 0.00 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.099 | 2.3 | 135 | 0.00 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 36.440 | 8.9 | 124 | 0.00 |
| 83 | | Chrysene | 40.000 | 39.284 | 1.8 | 135 | 0.00 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 39.823 | 0.4 | 138 | 0.00 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 38.222 | 4.4 | 129 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 122 | -0.02 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 41.337 | -3.3 | 124 | 0.00 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 39.742 | 0.6 | 120 | 0.00 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 40.139 | -0.3 | 125 | 0.00 |
| 90 | C | Benzo(a)pyrene | 40.000 | 39.600 | 1.0 | 120 | 0.00 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 41.520 | -3.8 | 124 | -0.02 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 41.971 | -4.9 | 126 | 0.00 |

Sample Results: **BG064799.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_G
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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

Raw Data: **BP026190.D**

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: ALLI03

Lab Code: ACE SDG No.: Q3483

Instrument ID: BNA_P Calibration Date/Time: 11/26/2025 14:04

Lab File ID: BP026190.D Init. Calib. Date(s): 11/18/2025 11/18/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| n-Nitrosodimethylamine | 0.546 | 0.500 | | -8.4 | |
| Pyridine | 1.461 | 1.358 | | -7.1 | |
| 2-Fluorophenol | 1.246 | 1.185 | | -4.9 | |
| Benzaldehyde | 0.831 | 0.859 | | 3.4 | |
| Aniline | 2.094 | 1.972 | | -5.8 | |
| Phenol-d6 | 1.586 | 1.536 | | -3.2 | |
| Phenol | 1.709 | 1.640 | | -4.0 | 20.0 |
| bis(2-Chloroethyl)ether | 1.338 | 1.296 | | -3.1 | |
| 2-Chlorophenol | 1.418 | 1.403 | | -1.1 | |
| 1,2-Dichlorobenzene | 1.479 | 1.494 | | 1.0 | |
| 1,3-Dichlorobenzene | 1.528 | 1.553 | | 1.6 | |
| 1,4-Dichlorobenzene | 1.540 | 1.553 | | 0.8 | 20.0 |
| Benzyl Alcohol | 1.162 | 1.091 | | -6.1 | |
| 2-Methylphenol | 1.163 | 1.142 | | -1.8 | |
| 2,2-oxybis(1-Chloropropane) | 1.879 | 1.787 | | -4.9 | |
| Acetophenone | 0.508 | 0.495 | | -2.6 | |
| 3+4-Methylphenols | 1.612 | 1.555 | | -3.5 | |
| n-Nitroso-di-n-propylamine | 0.985 | 0.970 | 0.050 | -1.5 | |
| Nitrobenzene-d5 | 0.352 | 0.339 | | -3.7 | |
| Hexachloroethane | 0.560 | 0.561 | | 0.2 | |
| Nitrobenzene | 0.356 | 0.345 | | -3.1 | |
| Isophorone | 0.698 | 0.678 | | -2.9 | |
| 2-Nitrophenol | 0.180 | 0.178 | | -1.1 | 20.0 |
| 2,4-Dimethylphenol | 0.325 | 0.288 | | -11.4 | |
| bis(2-Chloroethoxy)methane | 0.437 | 0.417 | | -4.6 | |
| 2,4-Dichlorophenol | 0.325 | 0.327 | | 0.6 | 20.0 |
| 1,2,4-Trichlorobenzene | 0.331 | 0.339 | | 2.4 | |
| Benzoic acid | 0.274 | 0.232 | | -15.3 | |
| Naphthalene | 1.081 | 1.077 | | -0.4 | |
| 4-Chloroaniline | 0.460 | 0.444 | | -3.5 | |
| Hexachlorobutadiene | 0.215 | 0.224 | | 4.2 | 20.0 |
| Caprolactam | 0.116 | 0.113 | | -2.6 | |
| 4-Chloro-3-methylphenol | 0.345 | 0.343 | | -0.6 | 20.0 |
| 2-Methylnaphthalene | 0.766 | 0.774 | | 1.0 | |
| Hexachlorocyclopentadiene | 0.396 | 0.331 | 0.050 | -16.4 | |
| 2,4,6-Trichlorophenol | 0.415 | 0.419 | | 1.0 | 20.0 |
| 2-Fluorobiphenyl | 1.365 | 1.389 | | 1.8 | |
| 2,4,5-Trichlorophenol | 0.463 | 0.476 | | 2.8 | |
| 1,1-Biphenyl | 1.506 | 1.486 | | -1.3 | |

Raw Data: **BP026190.D**

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: ALLI03

Lab Code: ACE SDG No.: Q3483

Instrument ID: BNA_P Calibration Date/Time: 11/26/2025 14:04

Lab File ID: BP026190.D Init. Calib. Date(s): 11/18/2025 11/18/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| 2-Chloronaphthalene | 1.184 | 1.166 | | -1.5 | |
| 2-Nitroaniline | 0.329 | 0.309 | | -6.1 | |
| Dimethylphthalate | 1.494 | 1.484 | | -0.7 | |
| Acenaphthylene | 1.953 | 1.945 | | -0.4 | |
| 2,6-Dinitrotoluene | 0.296 | 0.306 | | 3.4 | |
| 3-Nitroaniline | 0.349 | 0.335 | | -4.0 | |
| Acenaphthene | 1.145 | 1.138 | | -0.6 | 20.0 |
| 2,4-Dinitrophenol | 0.179 | 0.172 | 0.050 | -3.9 | |
| 4-Nitrophenol | 0.315 | 0.287 | 0.050 | -8.9 | |
| Dibenzofuran | 1.773 | 1.797 | | 1.4 | |
| 2,4-Dinitrotoluene | 0.442 | 0.457 | | 3.4 | |
| Diethylphthalate | 1.505 | 1.489 | | -1.1 | |
| 4-Chlorophenyl-phenylether | 0.697 | 0.717 | | 2.9 | |
| Fluorene | 1.401 | 1.433 | | 2.3 | |
| 4-Nitroaniline | 0.362 | 0.337 | | -6.9 | |
| 4,6-Dinitro-2-methylphenol | 0.127 | 0.125 | | -1.6 | |
| n-Nitrosodiphenylamine | 0.619 | 0.613 | | -1.0 | 20.0 |
| Azobenzene | 1.269 | 1.234 | | -2.8 | |
| 2,4,6-Tribromophenol | 0.259 | 0.283 | | 9.3 | |
| 4-Bromophenyl-phenylether | 0.221 | 0.229 | | 3.6 | |
| Hexachlorobenzene | 0.257 | 0.267 | | 3.9 | |
| Atrazine | 0.233 | 0.229 | | -1.7 | |
| Pentachlorophenol | 0.180 | 0.185 | | 2.8 | 20.0 |
| Phenanthrene | 1.127 | 1.121 | | -0.5 | |
| Anthracene | 1.149 | 1.160 | | 1.0 | |
| Carbazole | 1.091 | 1.075 | | -1.5 | |
| Di-n-butylphthalate | 1.294 | 1.301 | | 0.5 | |
| Fluoranthene | 1.369 | 1.384 | | 1.1 | 20.0 |
| Benzidine | 0.635 | 0.574 | | -9.6 | |
| Pyrene | 1.311 | 1.274 | | -2.8 | |
| Terphenyl-d14 | 0.981 | 0.995 | | 1.4 | |
| Butylbenzylphthalate | 0.578 | 0.555 | | -4.0 | |
| 3,3-Dichlorobenzidine | 0.500 | 0.471 | | -5.8 | |
| Benzo(a)anthracene | 1.374 | 1.353 | | -1.5 | |
| Chrysene | 1.295 | 1.282 | | -1.0 | |
| Bis(2-ethylhexyl)phthalate | 0.874 | 0.837 | | -4.2 | |
| Di-n-octyl phthalate | 1.529 | 1.430 | | -6.5 | 20.0 |
| Benzo(b)fluoranthene | 1.218 | 1.260 | | 3.4 | |
| Benzo(k)fluoranthene | 1.217 | 1.237 | | 1.6 | |

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ALLI03

Lab Code: ACE SDG No.: Q3483

Instrument ID: BNA_P Calibration Date/Time: 11/26/2025 14:04

Lab File ID: BP026190.D Init. Calib. Date(s): 11/18/2025 11/18/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22

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

| COMPOUND | RRF | RRF040 | MIN RRF | %D | MAX%D |
|---|---|---|---|---|---|
| Benzo(a)pyrene | 1.154 | 1.171 | | 1.5 | 20.0 |
| Indeno(1,2,3-cd)pyrene | 1.500 | 1.559 | | 3.9 | |
| Dibenzo(a,h)anthracene | 1.228 | 1.272 | | 3.6 | |
| Benzo(g,h,i)perylene | 1.220 | 1.265 | | 3.7 | |
| 1,2,4,5-Tetrachlorobenzene | 0.605 | 0.618 | | 2.1 | |
| 1,4-Dioxane | 0.505 | 0.486 | | -3.8 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | 0.393 | 0.409 | | 4.1 | |
| 1-Methylnaphthalene | 0.749 | 0.754 | | 0.7 | |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.666 | 152 | 263413 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.425 | 136 | 1101921 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.289 | 164 | 729934 | 20.000 | ng | -0.04 |
| 64) Phenanthrene-d10 | 17.095 | 188 | 1501838 | 20.000 | ng | -0.04 |
| 76) Chrysene-d12 | 21.554 | 240 | 1698646 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 24.854 | 264 | 1917737 | 20.000 | ng | -0.05 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.284 | 112 | 1248456 | 76.074 | ng | 0.00 |
| 7) Phenol-d6 | 6.843 | 99 | 1618523 | 77.469 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.802 | 82 | 1493914 | 77.009 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.801 | 330 | 826370 | 87.271 | ng | -0.04 |
| 45) 2-Fluorobiphenyl | 12.901 | 172 | 4055063 | 81.419 | ng | -0.03 |
| 79) Terphenyl-d14 | 19.842 | 244 | 6759101 | 81.136 | ng | -0.03 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.219 | 88 | 256101 | 38.474 | ng | 97 |
| 3) Pyridine | 3.614 | 79 | 715259 | 37.182 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.525 | 42 | 263457 | 36.645 | ng | 98 |
| 6) Aniline | 6.996 | 93 | 1038726 | 37.655 | ng | 98 |
| 8) 2-Chlorophenol | 7.237 | 128 | 739094 | 39.566 | ng | 98 |
| 9) Benzaldehyde | 6.813 | 77 | 452788 | 41.356 | ng | 98 |
| 10) Phenol | 6.872 | 94 | 863743 | 38.377 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.096 | 93 | 682788 | 38.745 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.555 | 146 | 818414 | 40.666 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.696 | 146 | 818117 | 40.343 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.013 | 146 | 787199 | 40.425 | ng | 99 |
| 15) Benzyl Alcohol | 7.896 | 79 | 574931 | 37.562 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.184 | 45 | 941375 | 38.036 | ng | 99 |
| 17) 2-Methylphenol | 8.102 | 107 | 601748 | 39.275 | ng | 99 |
| 18) Hexachloroethane | 8.731 | 117 | 295793 | 40.088 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.460 | 70 | 511237 | 39.388 | ng | 98 |
| 20) 3+4-Methylphenols | 8.425 | 107 | 819398 | 38.595 | ng | 99 |
| 22) Acetophenone | 8.472 | 105 | 1091058 | 38.955 | ng | 98 |
| 24) Nitrobenzene | 8.843 | 77 | 760136 | 38.737 | ng | 99 |
| 25) Isophorone | 9.366 | 82 | 1493828 | 38.843 | ng | 99 |
| 26) 2-Nitrophenol | 9.543 | 139 | 392413 | 39.520 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.613 | 122 | 633851 | 35.401 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.843 | 93 | 919252 | 38.166 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.078 | 162 | 720254 | 40.248 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.290 | 180 | 746589 | 40.970 | ng | 98 |
| 31) Naphthalene | 10.478 | 128 | 2372932 | 39.846 | ng | 99 |
| 32) Benzoic acid | 9.743 | 122 | 510860 | 33.881 | ng | 98 |
| 33) 4-Chloroaniline | 10.578 | 127 | 978759 | 38.647 | ng | 99 |
| 34) Hexachlorobutadiene | 10.772 | 225 | 493691 | 41.656 | ng | 100 |
| 35) Caprolactam | 11.360 | 113 | 248100 | 38.718 | ng | 91 |
| 36) 4-Chloro-3-methylphenol | 11.713 | 107 | 755363 | 39.714 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.090 | 142 | 1706137 | 40.411 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.313 | 142 | 1661885 | 40.272 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.466 | 216 | 901725 | 40.855 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.454 | 237 | 483317 | 33.460 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.707 | 196 | 612040 | 40.449 | ng | 100 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

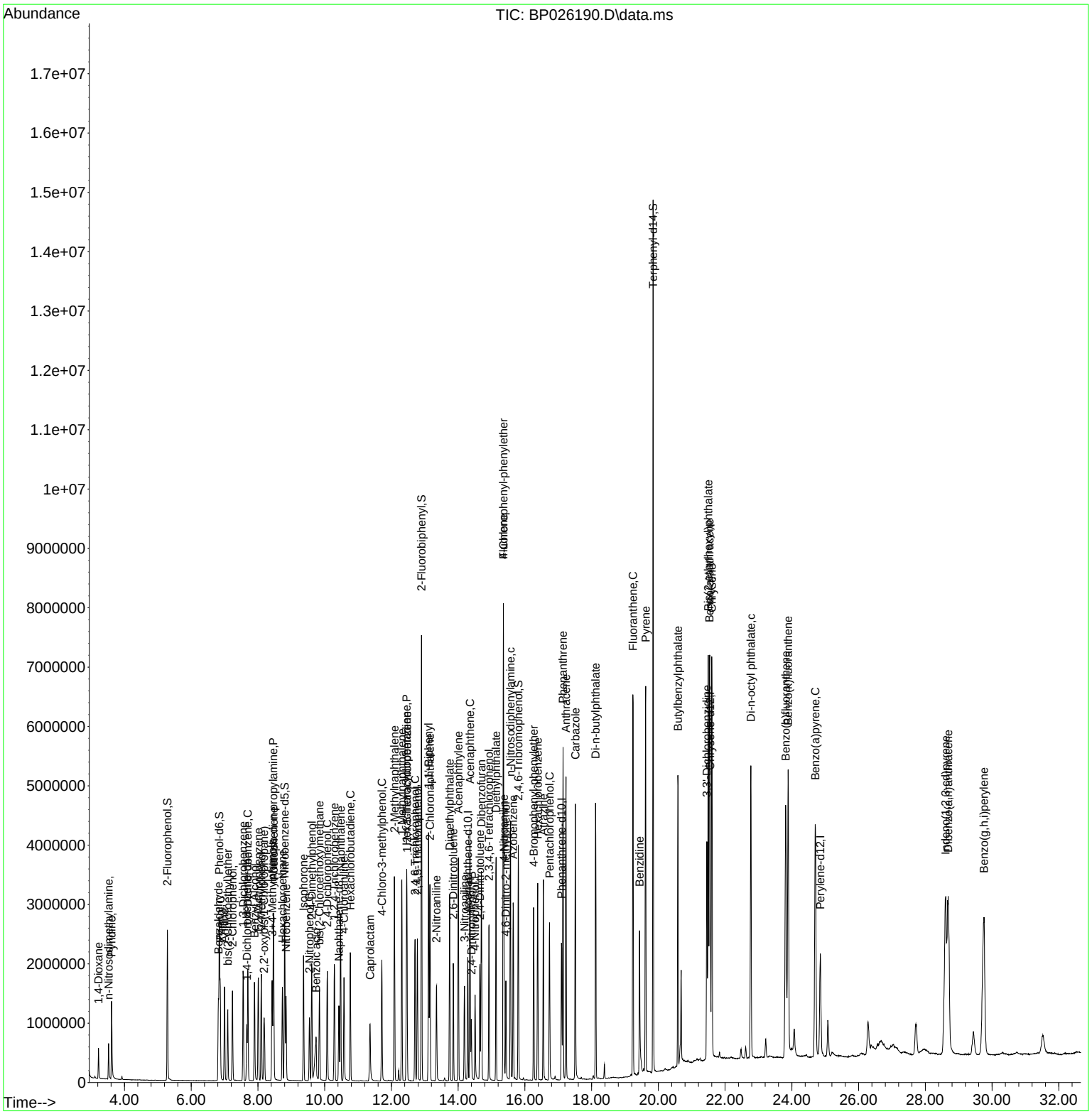
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.778 | 196 | 694591 | 41.124 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.113 | 154 | 2169418 | 39.470 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.154 | 162 | 1702157 | 39.383 | ng | | 99 |
| 48) 2-Nitroaniline | 13.348 | 65 | 450973 | 37.522 | ng | | 96 |
| 49) Acenaphthylene | 14.007 | 152 | 2839199 | 39.825 | ng | | 99 |
| 50) Dimethylphthalate | 13.742 | 163 | 2165861 | 39.727 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.854 | 165 | 446556 | 41.338 | ng | | 97 |
| 52) Acenaphthene | 14.354 | 154 | 1661341 | 39.764 | ng | | 99 |
| 53) 3-Nitroaniline | 14.190 | 138 | 488917 | 38.439 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.395 | 184 | 250898 | 38.476 | ng | | 96 |
| 55) Dibenzofuran | 14.695 | 168 | 2624031 | 40.551 | ng | | 99 |
| 56) 4-Nitrophenol | 14.507 | 139 | 418838 | 36.400 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.654 | 165 | 666504 | 41.321 | ng | | 95 |
| 58) Fluorene | 15.354 | 166 | 2092220 | 40.906 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.925 | 232 | 597629 | 41.708 | ng | | 98 |
| 60) Diethylphthalate | 15.137 | 149 | 2174197 | 39.588 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.354 | 204 | 1047106 | 41.145 | ng | | 96 |
| 62) 4-Nitroaniline | 15.372 | 138 | 491993 | 37.250 | ng | | 97 |
| 63) Azobenzene | 15.648 | 77 | 1802077 | 38.915 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.431 | 198 | 376279 | 39.438 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.566 | 169 | 1842181 | 39.653 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.266 | 248 | 688291 | 41.382 | ng | | 98 |
| 68) Hexachlorobenzene | 16.384 | 284 | 802858 | 41.599 | ng | | 98 |
| 69) Atrazine | 16.554 | 200 | 688566 | 39.304 | ng | | 98 |
| 70) Pentachlorophenol | 16.736 | 266 | 555725 | 41.163 | ng | | 100 |
| 71) Phenanthrene | 17.142 | 178 | 3367094 | 39.799 | ng | | 100 |
| 72) Anthracene | 17.231 | 178 | 3484195 | 40.378 | ng | | 100 |
| 73) Carbazole | 17.513 | 167 | 3227979 | 39.386 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.119 | 149 | 3906329 | 40.204 | ng | | 100 |
| 75) Fluoranthene | 19.236 | 202 | 4157376 | 40.445 | ng | | 99 |
| 77) Benzidine | 19.436 | 184 | 1951189 | 36.195 | ng | | 99 |
| 78) Pyrene | 19.619 | 202 | 4329577 | 38.873 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.583 | 149 | 1884921 | 38.429 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.530 | 228 | 4598164 | 39.415 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.454 | 252 | 1598958 | 37.690 | ng | | 99 |
| 83) Chrysene | 21.601 | 228 | 4355108 | 39.612 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.495 | 149 | 2844628 | 38.312 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.771 | 149 | 4859112 | 37.427 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.606 | 276 | 5979554 | 41.575 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 23.813 | 252 | 4832663 | 41.380 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.889 | 252 | 4745420 | 40.681 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.701 | 252 | 4489730 | 40.585 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.683 | 278 | 4879387 | 41.444 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.759 | 276 | 4850424 | 41.449 | ng | | 98 |

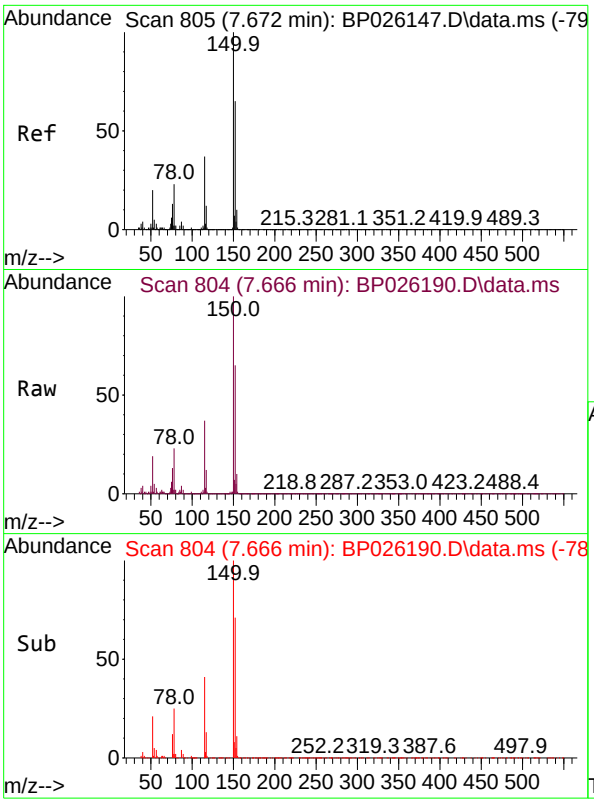
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



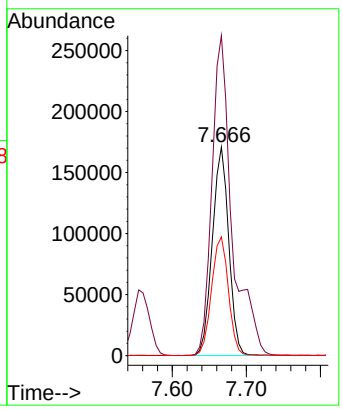


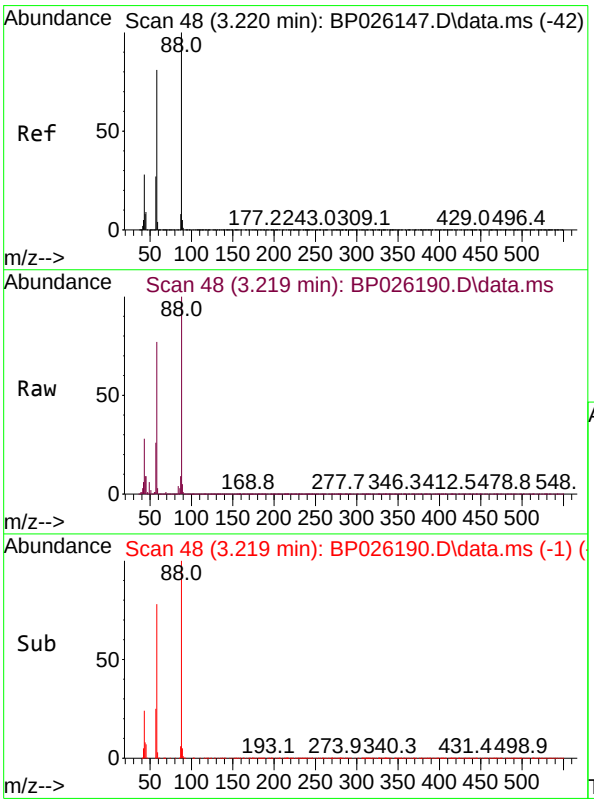

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 263413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.4 | 123.0 | 184.6 |
| 115 | 56.9 | 46.3 | 69.5 |

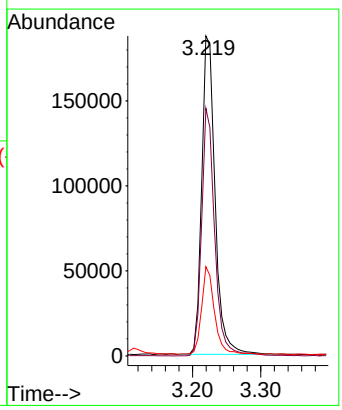


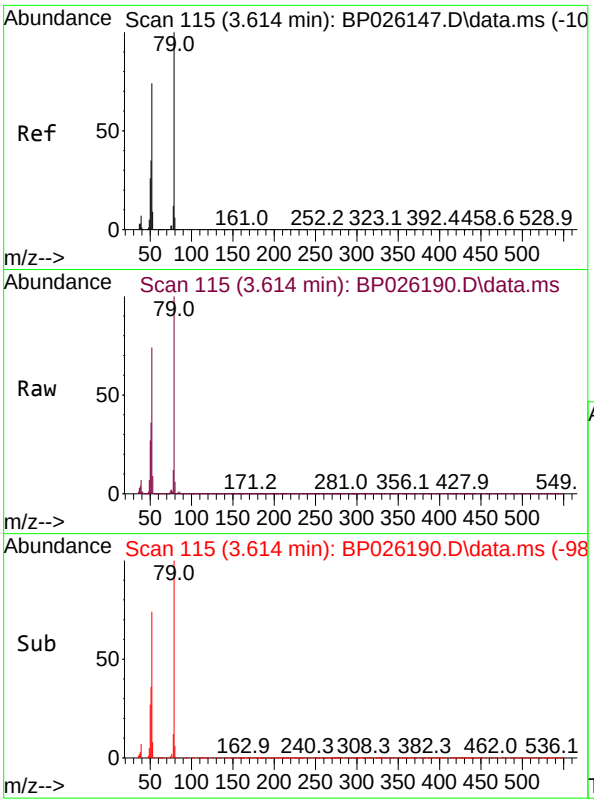




#2
1,4-Dioxane
Concen: 38.474 ng
RT: 3.219 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 88 Resp: 256101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 76.4 | 64.2 | 96.4 |
| 43 | 26.6 | 21.5 | 32.3 |



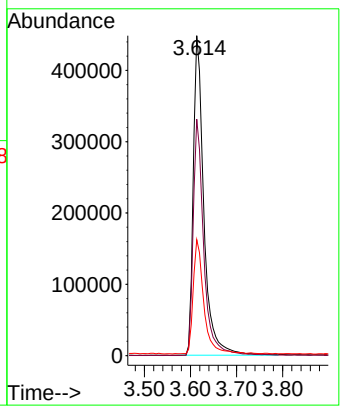


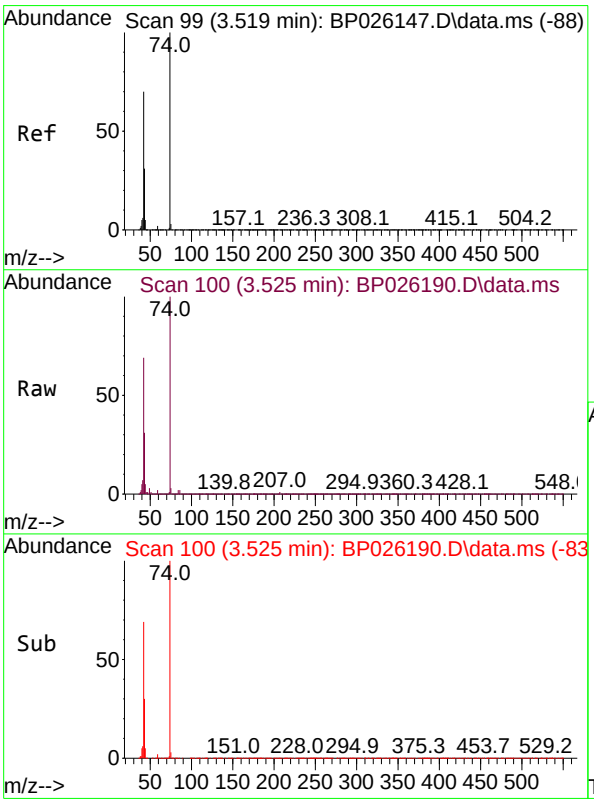

#3
Pyridine
Concen: 37.182 ng
RT: 3.614 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 715259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 73.9 | 60.2 | 90.2 |
| 51 | 36.2 | 29.5 | 44.3 |

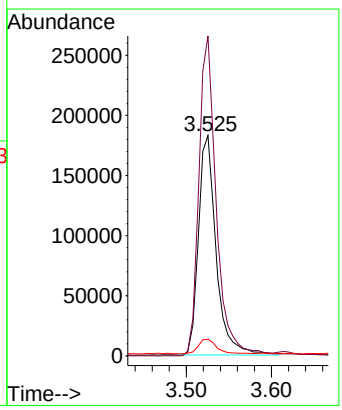


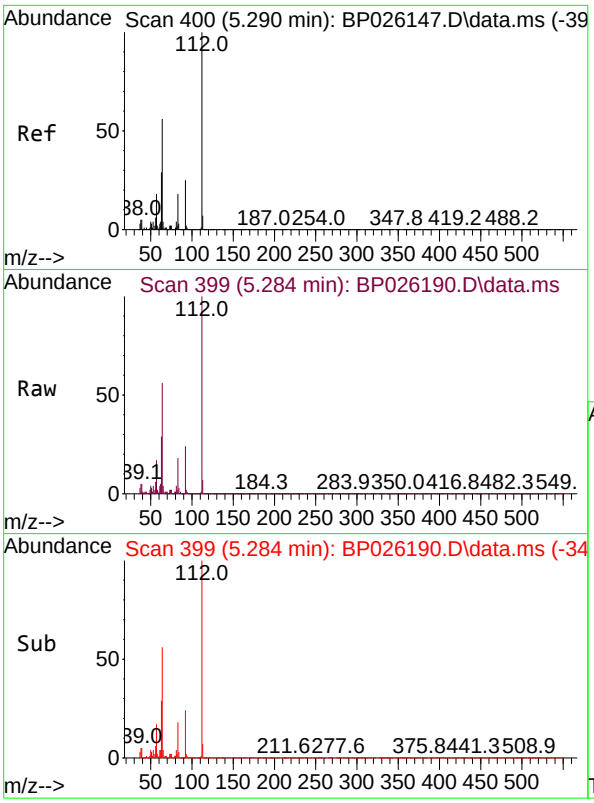




#4
n-Nitrosodimethylamine
Concen: 36.645 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 42 Resp: 263457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 145.2 | 118.1 | 177.1 |
| 44 | 7.6 | 6.2 | 9.4 |



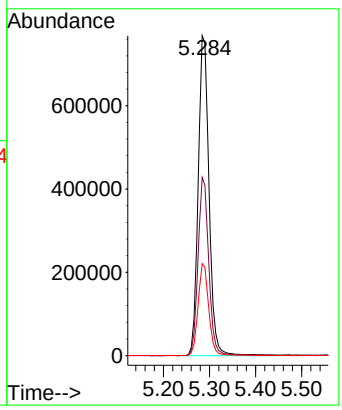


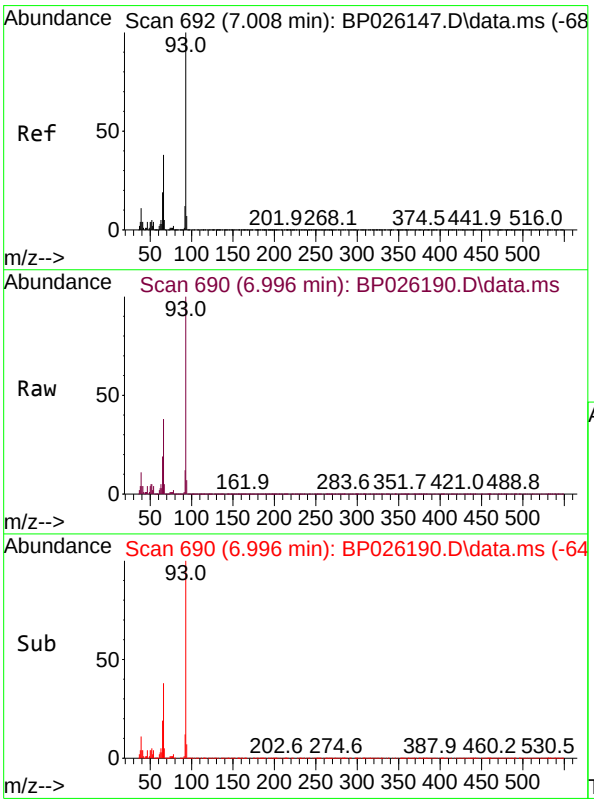

#5
2-Fluorophenol
Concen: 76.074 ng
RT: 5.284 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 1248456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.7 | 45.8 | 68.6 |
| 63 | 28.7 | 23.5 | 35.3 |

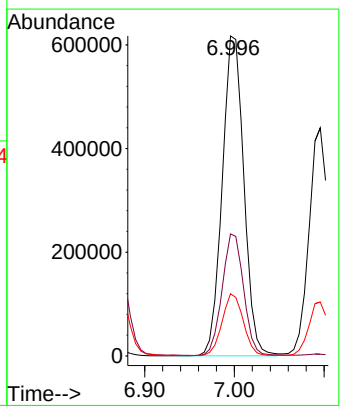


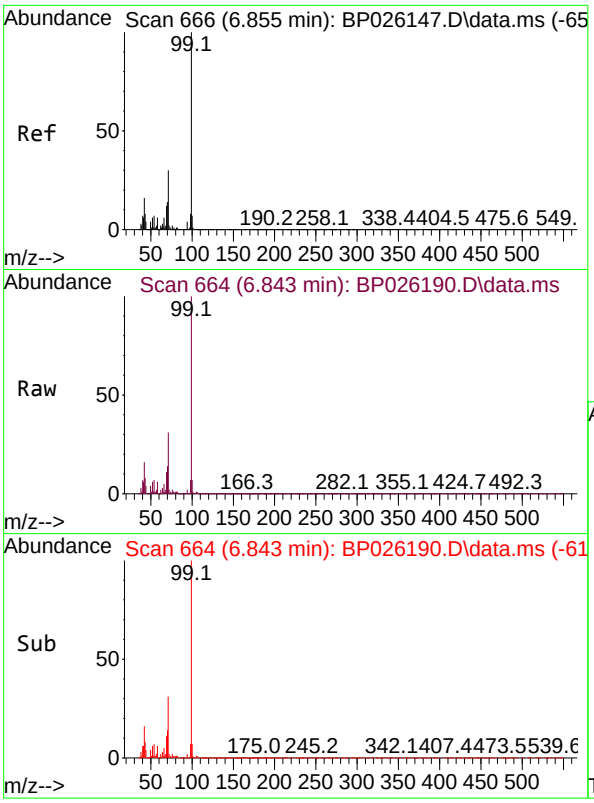




#6
Aniline
Concen: 37.655 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 93 Resp: 1038726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.1 | 31.7 | 47.5 |
| 65 | 19.4 | 15.8 | 23.6 |



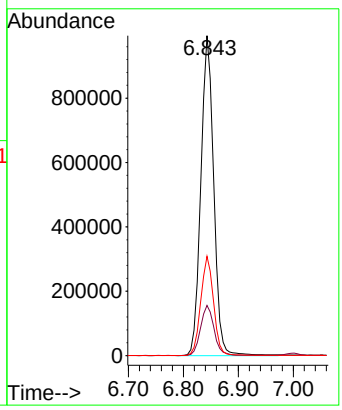


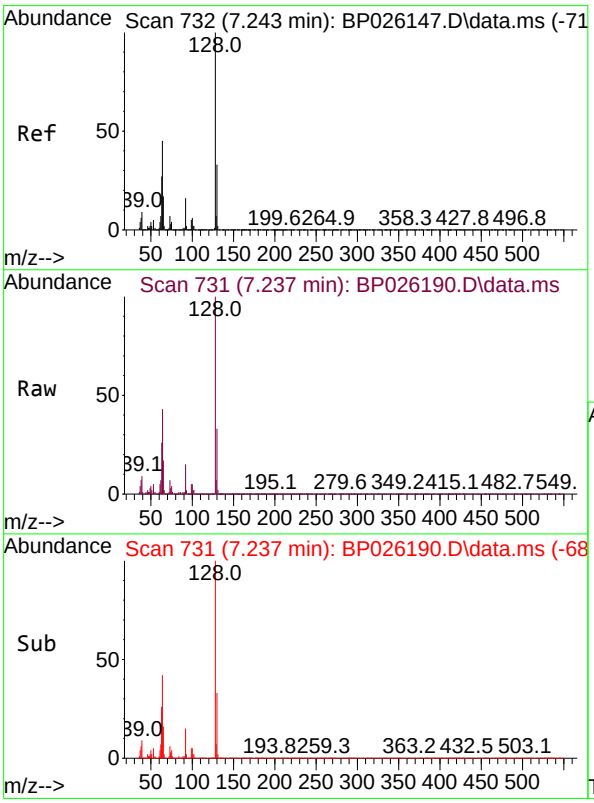

#7
Phenol-d6
Concen: 77.469 ng
RT: 6.843 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 1618523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.9 | 19.3 |
| 71 | 31.0 | 24.8 | 37.2 |

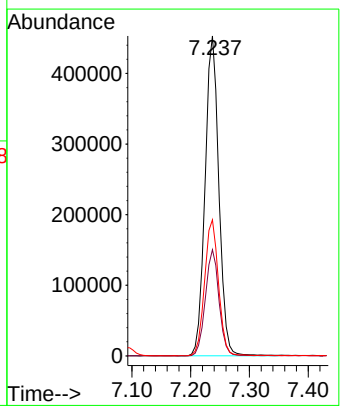


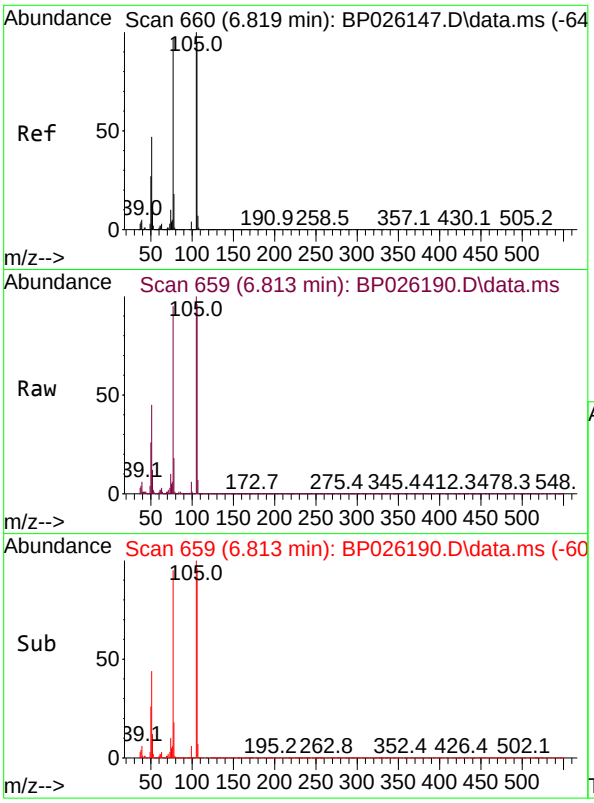




#8
2-Chlorophenol
Concen: 39.566 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:128 Resp: 739094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.2 | 12.4 | 52.4 |
| 64 | 42.5 | 23.9 | 63.9 |



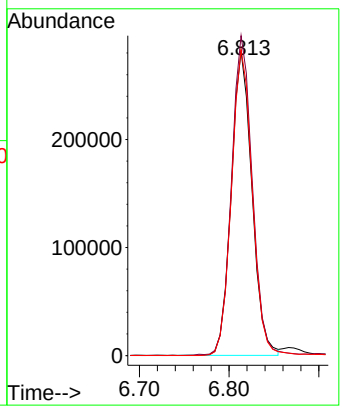


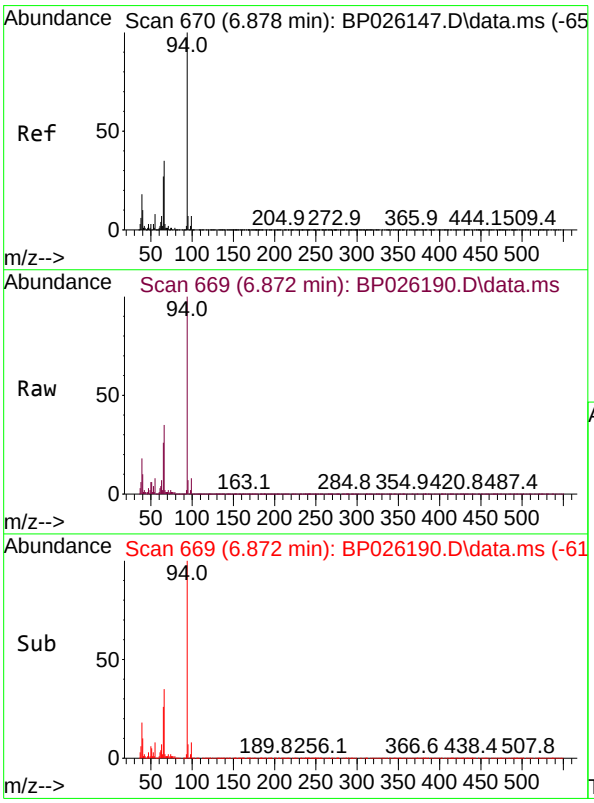

#9
Benzaldehyde
Concen: 41.356 ng
RT: 6.813 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 452788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 105.1 | 82.9 | 122.9 |
| 106 | 100.5 | 77.8 | 117.8 |

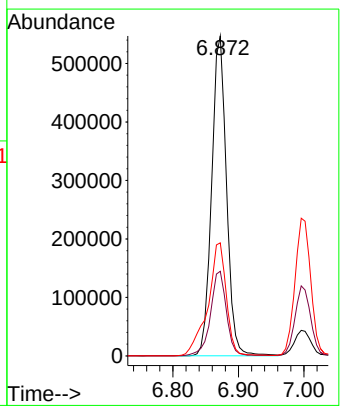


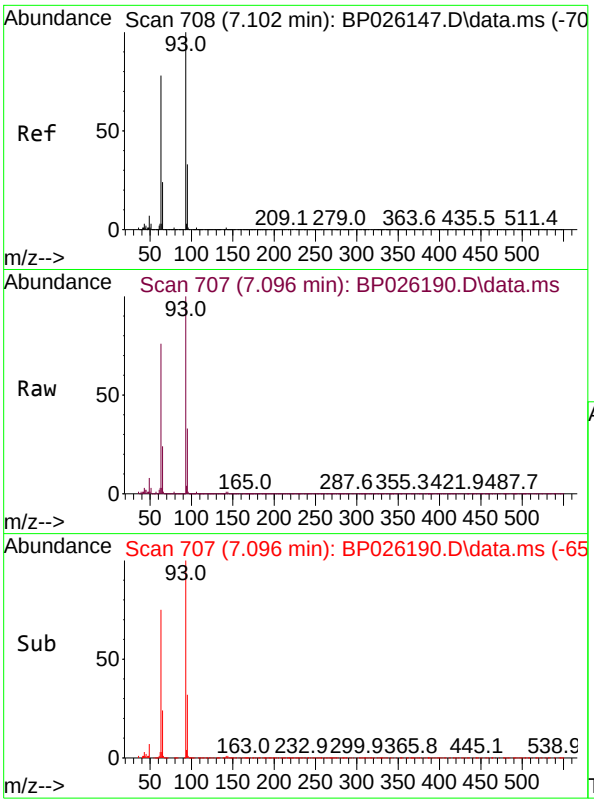




#10
Phenol
Concen: 38.377 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 94 Resp: 863743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.4 | 7.0 | 47.0 |
| 66 | 35.3 | 14.5 | 54.5 |



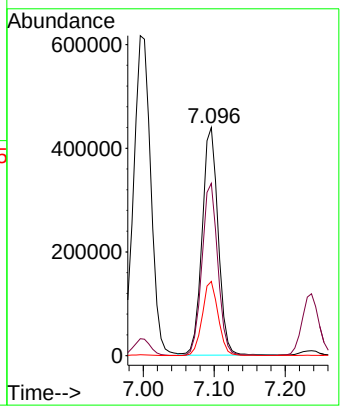


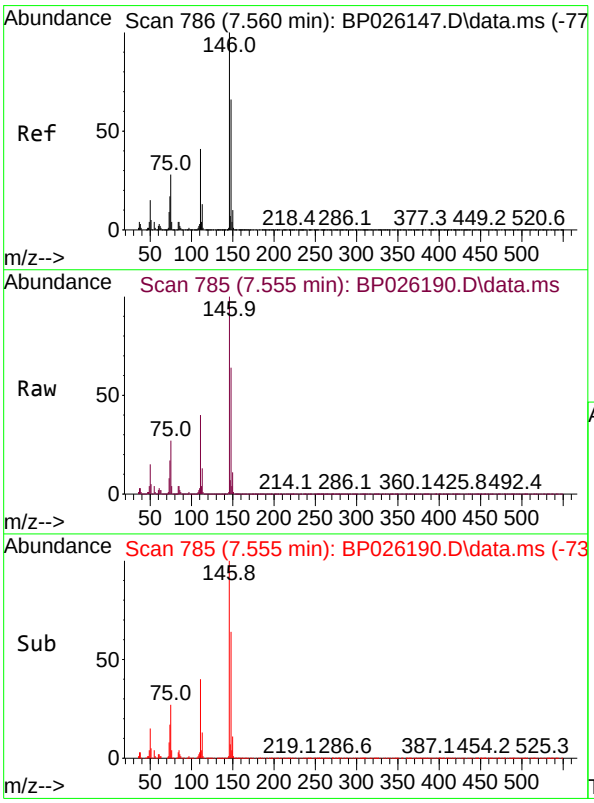

#11
bis(2-Chloroethyl)ether
Concen: 38.745 ng
RT: 7.096 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 682788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.5 | 58.8 | 98.8 |
| 95 | 32.5 | 12.1 | 52.1 |

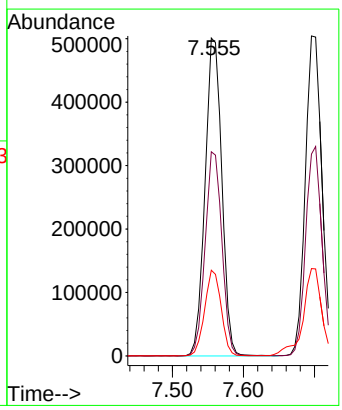


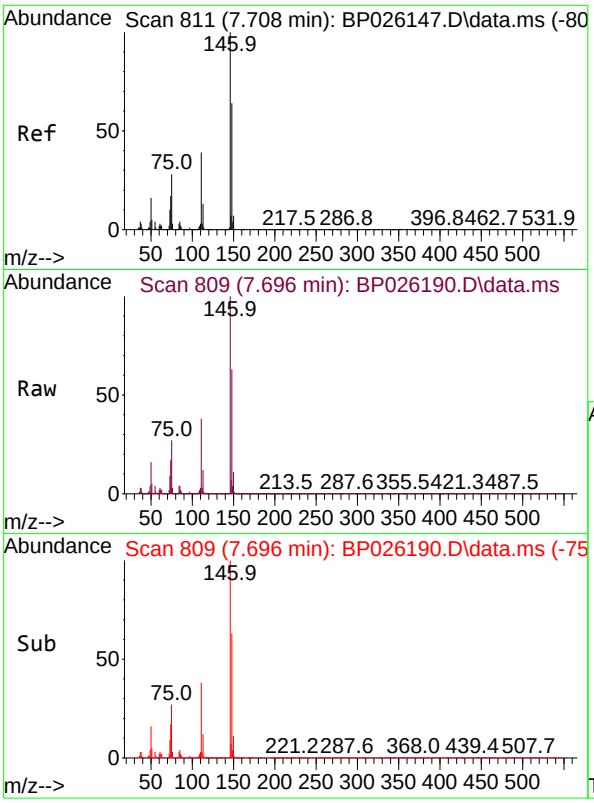




#12
1,3-Dichlorobenzene
Concen: 40.666 ng
RT: 7.555 min Scan# 785
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:146 Resp: 818414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.8 | 77.8 |
| 75 | 26.9 | 22.2 | 33.2 |



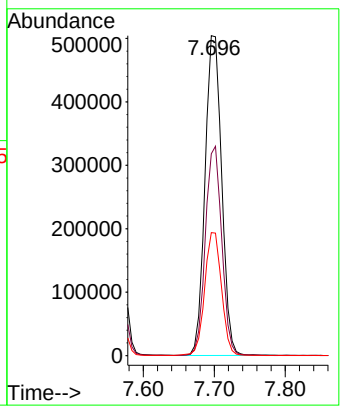


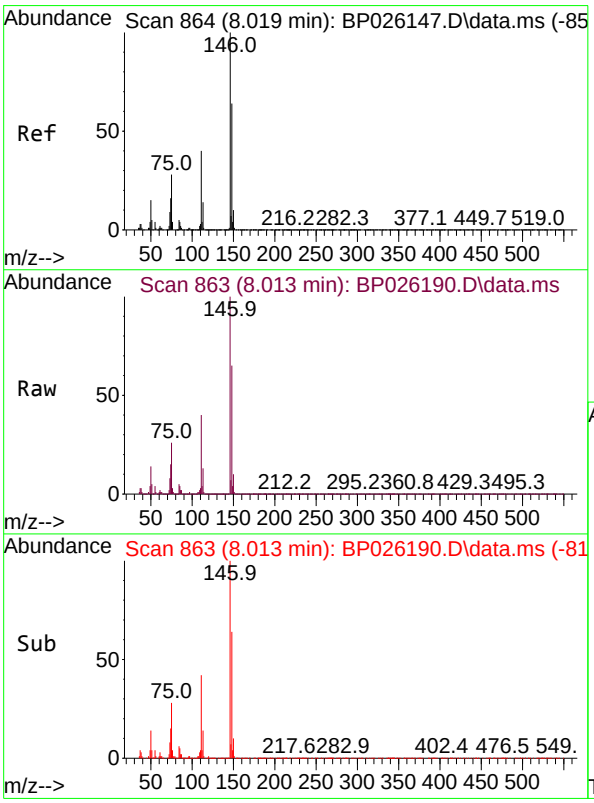

#13
1,4-Dichlorobenzene
Concen: 40.343 ng
RT: 7.696 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 818117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 51.4 | 77.2 |
| 111 | 38.4 | 31.7 | 47.5 |

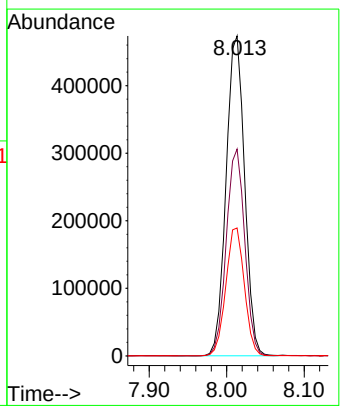


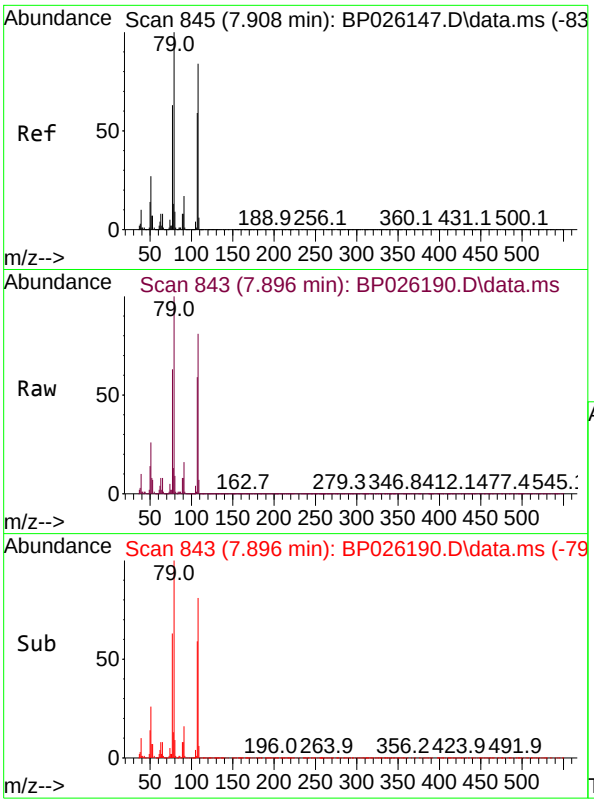




#14
1,2-Dichlorobenzene
Concen: 40.425 ng
RT: 8.013 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:146 Resp: 787199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 51.0 | 76.6 |
| 111 | 40.0 | 33.0 | 49.4 |



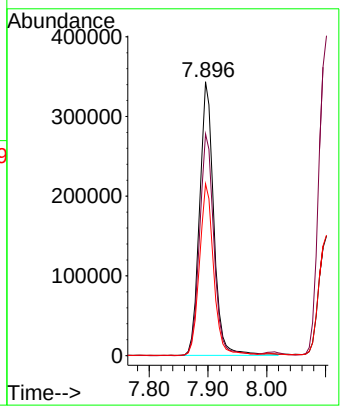


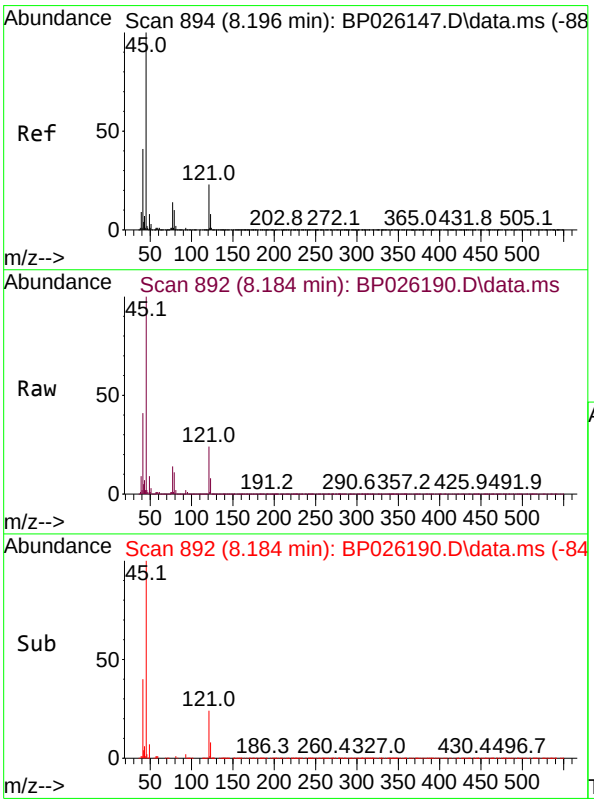

#15
Benzyl Alcohol
Concen: 37.562 ng
RT: 7.896 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 574931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 81.0 | 66.2 | 99.4 |
| 77 | 62.7 | 50.0 | 75.0 |

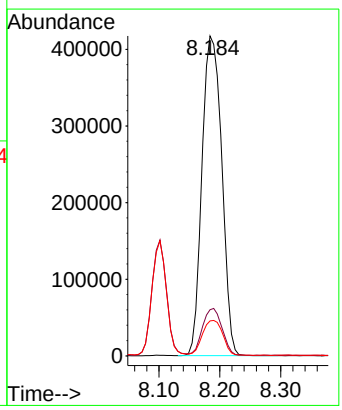


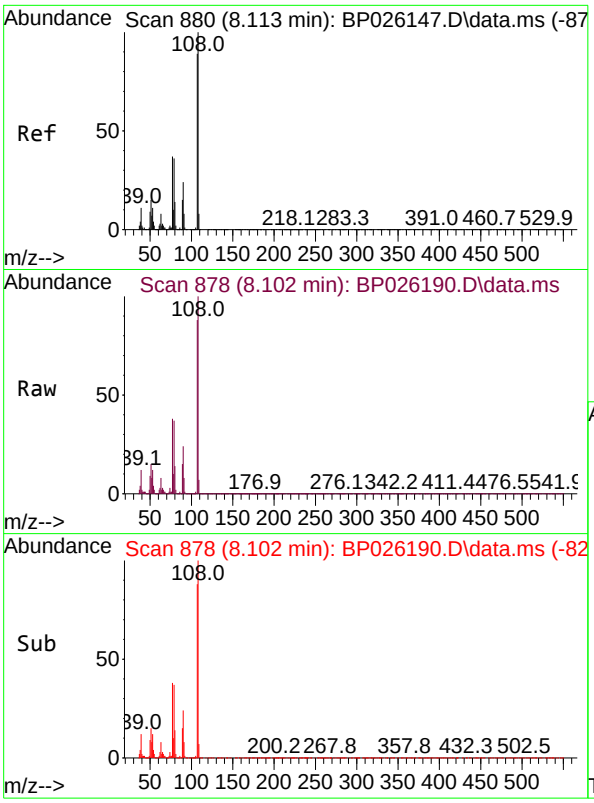




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.036 ng
RT: 8.184 min Scan# 892
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 45 Resp: 941375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.4 | 0.0 | 33.9 |
| 79 | 10.9 | 0.0 | 30.4 |



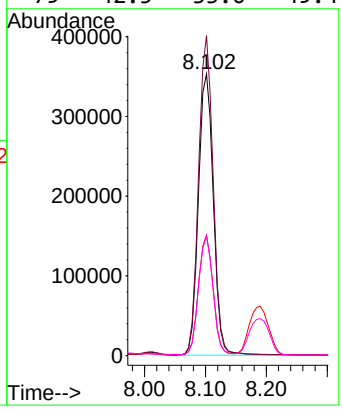


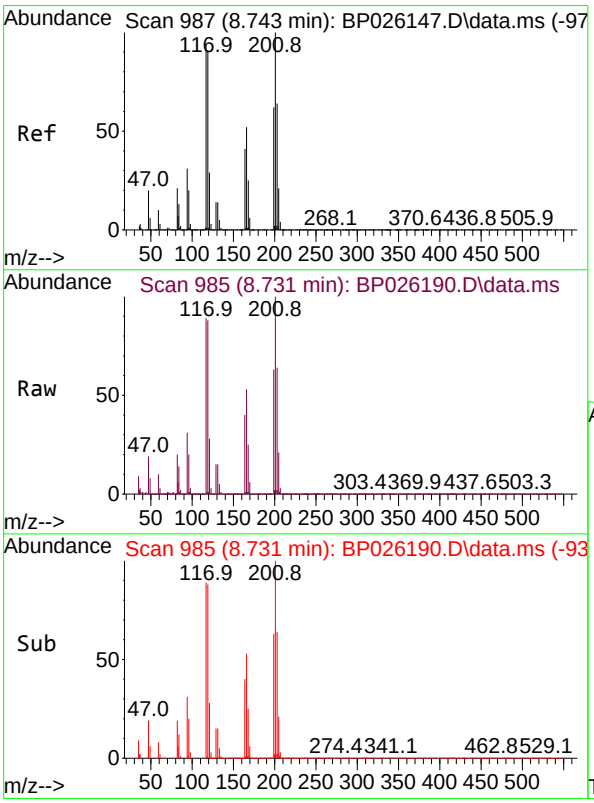

#17
2-Methylphenol
Concen: 39.275 ng
RT: 8.102 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 601748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.6 | 89.7 | 134.5 |
| 77 | 42.8 | 33.9 | 50.9 |
| 79 | 42.5 | 33.0 | 49.4 |

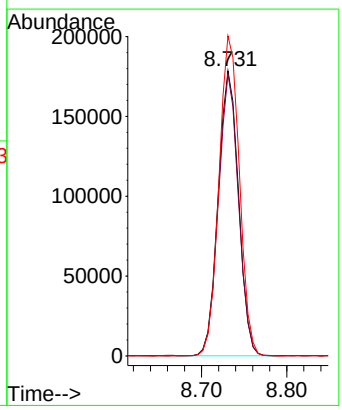


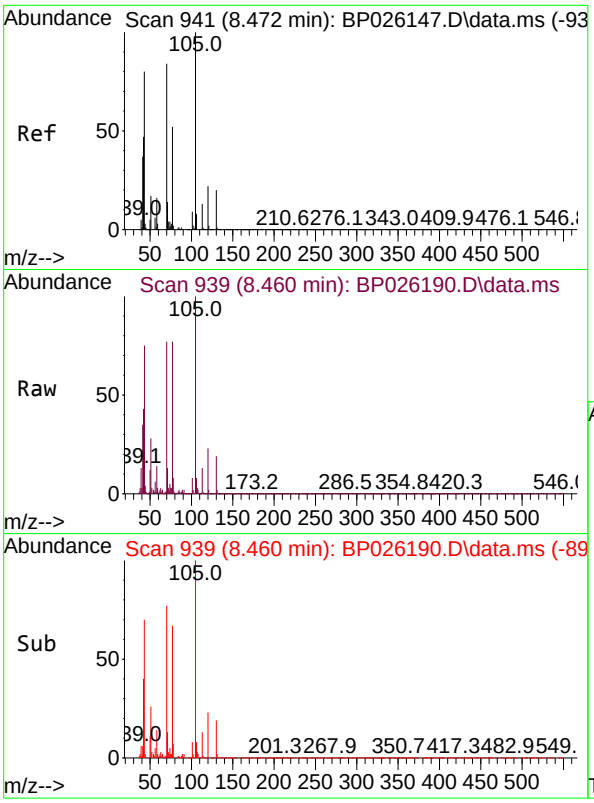




#18
Hexachloroethane
Concen: 40.088 ng
RT: 8.731 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:117 Resp: 295793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.9 | 78.7 | 118.1 |
| 201 | 112.3 | 85.1 | 127.7 |



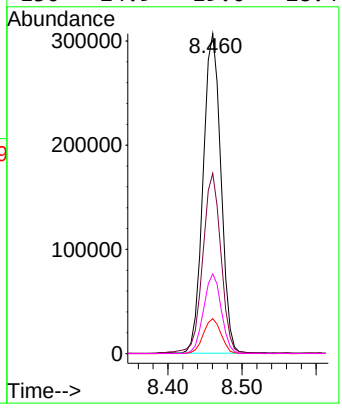


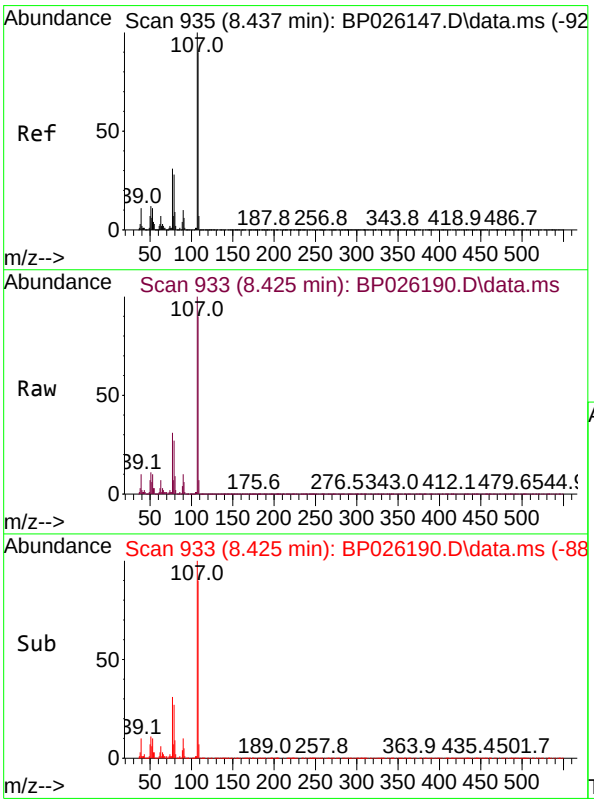

#19
n-Nitroso-di-n-propylamine
Concen: 39.388 ng
RT: 8.460 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 511237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.3 | 44.1 | 66.1 |
| 101 | 10.9 | 8.2 | 12.4 |
| 130 | 24.9 | 19.0 | 28.4 |

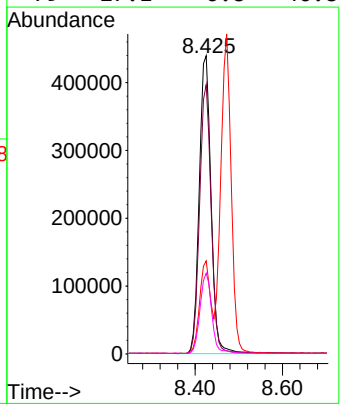


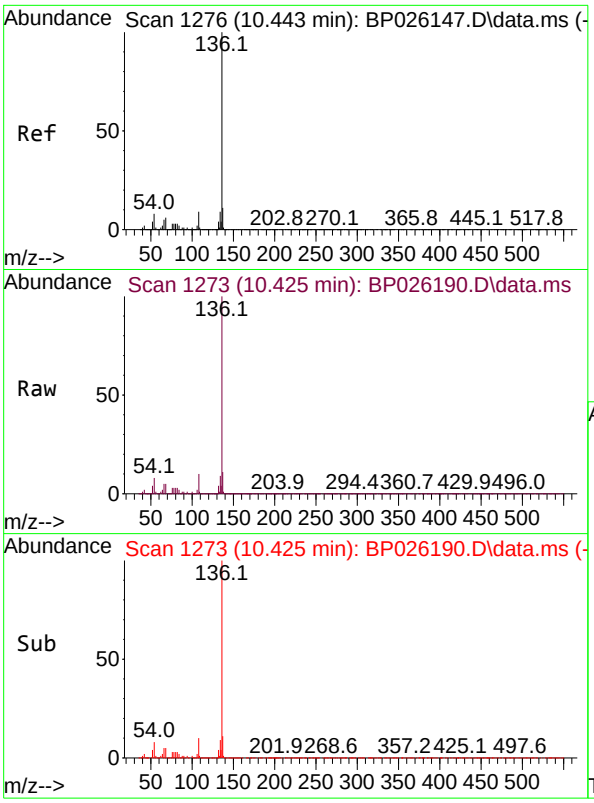




#20
3+4-Methylphenols
Concen: 38.595 ng
RT: 8.425 min Scan# 933
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:107 Resp: 819398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.2 | 68.9 | 108.9 |
| 77 | 31.2 | 10.4 | 50.4 |
| 79 | 27.1 | 6.8 | 46.8 |



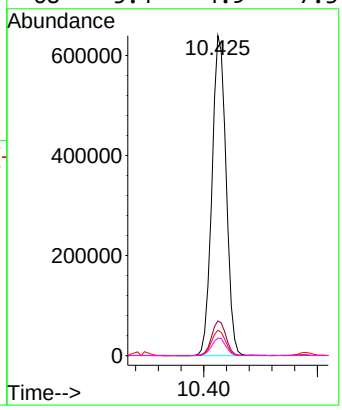


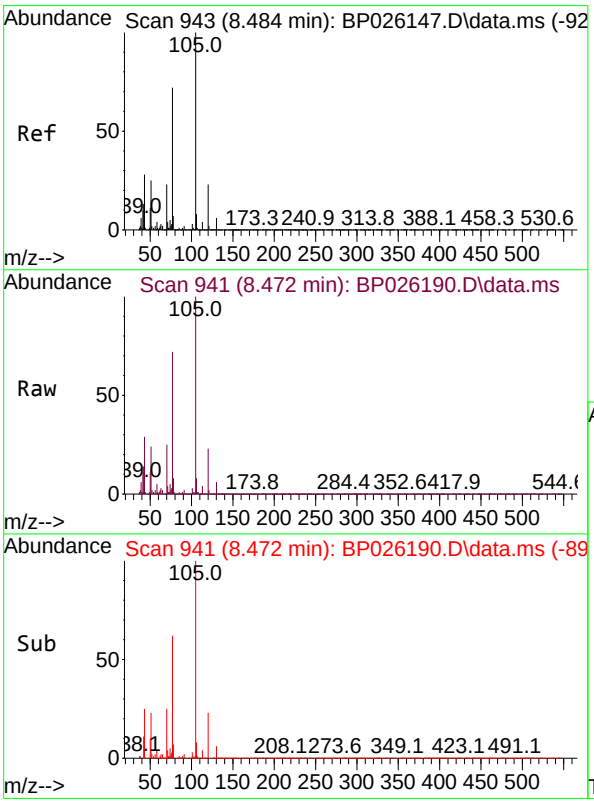

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 1101921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.7 | 13.1 |
| 54 | 7.9 | 6.4 | 9.6 |
| 68 | 5.4 | 4.9 | 7.3 |

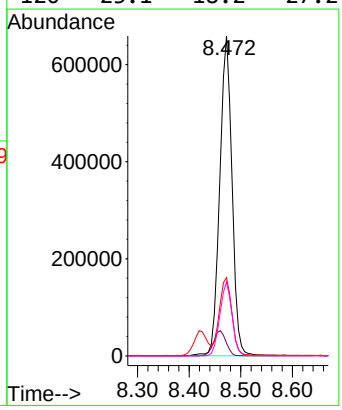


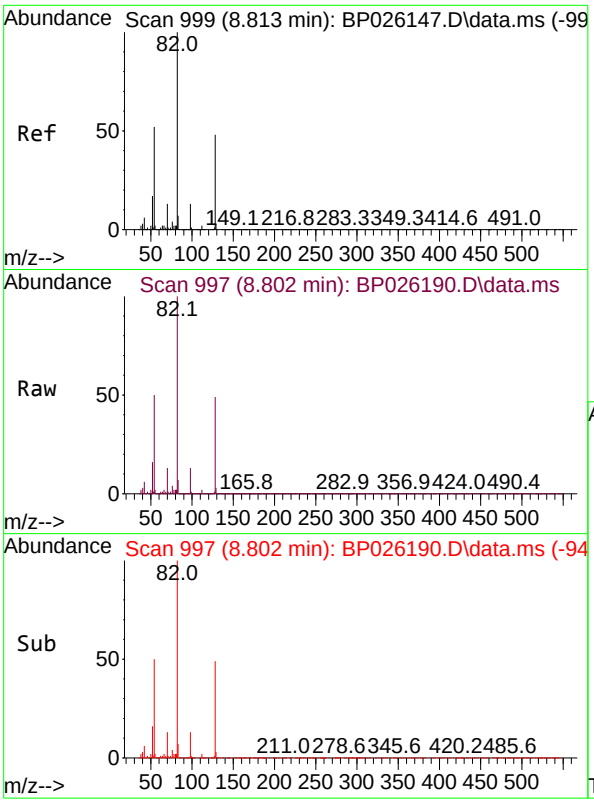




#22
Acetophenone
Concen: 38.955 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:105 Resp: 1091058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.0 | 3.0 | 4.4 |
| 51 | 24.5 | 20.5 | 30.7 |
| 120 | 23.1 | 18.2 | 27.2 |



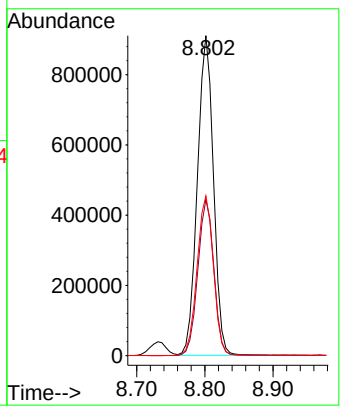


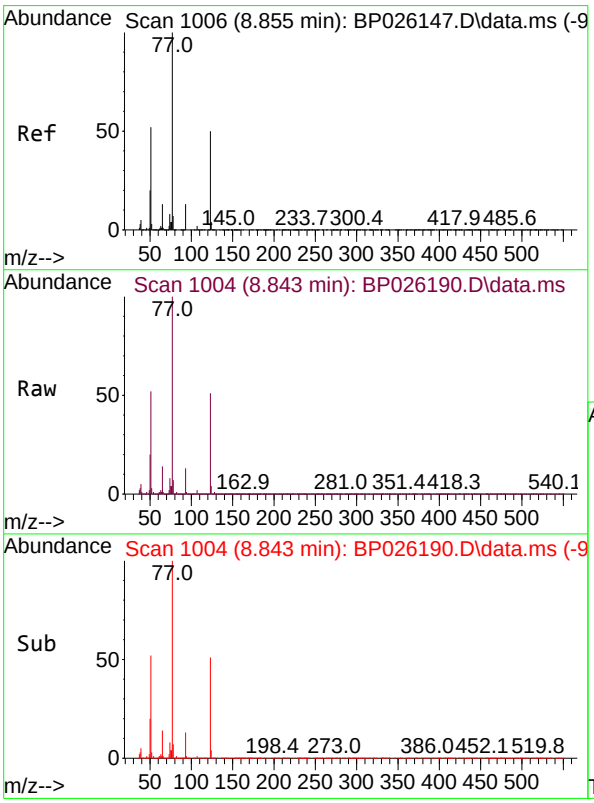

#23
Nitrobenzene-d5
Concen: 77.009 ng
RT: 8.802 min Scan# 99
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 1493914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.7 | 37.4 | 56.0 |
| 54 | 49.9 | 41.6 | 62.4 |

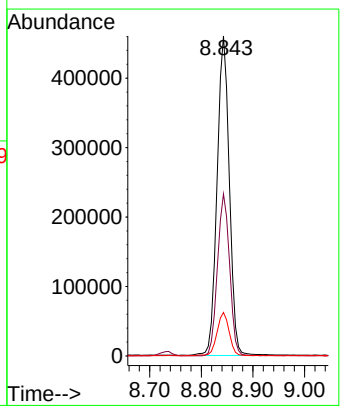


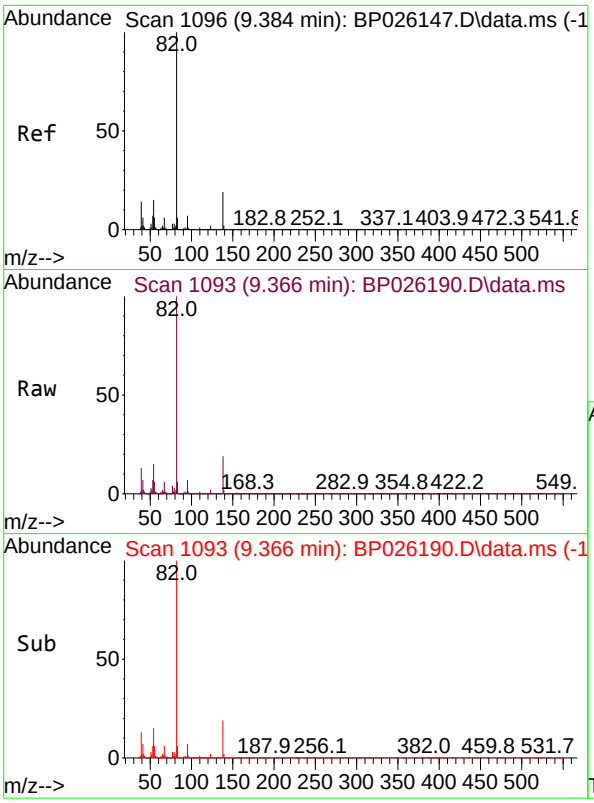




#24
Nitrobenzene
Concen: 38.737 ng
RT: 8.843 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 77 Resp: 760136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.6 | 39.8 | 59.8 |
| 65 | 13.6 | 11.2 | 16.8 |



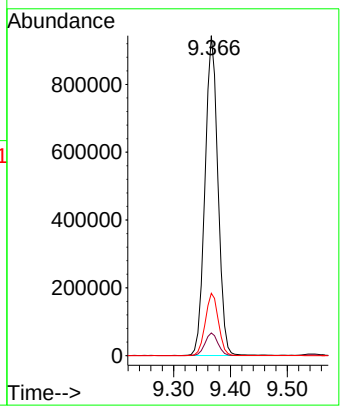


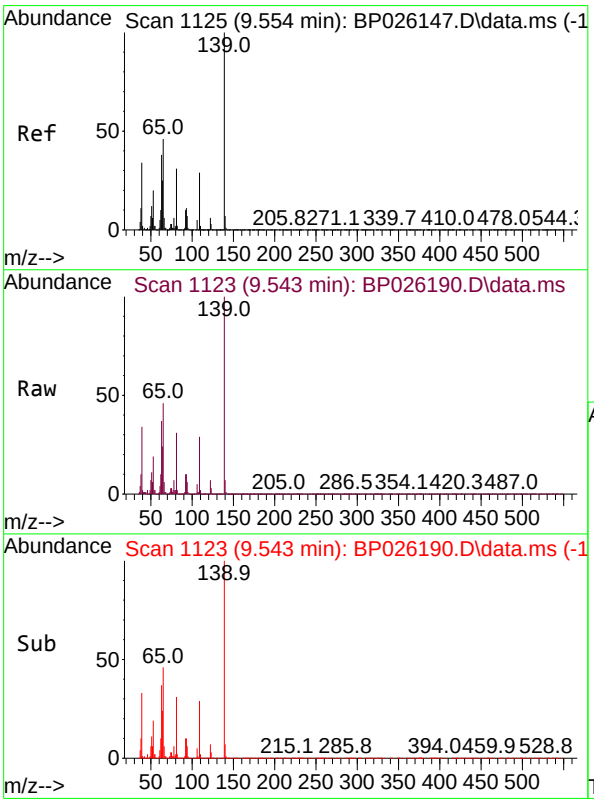

#25
Isophorone
Concen: 38.843 ng
RT: 9.366 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 1493828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.0 |
| 138 | 19.5 | 15.4 | 23.0 |

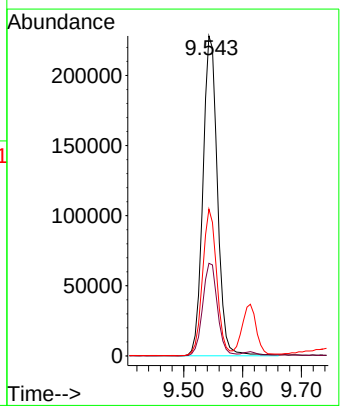


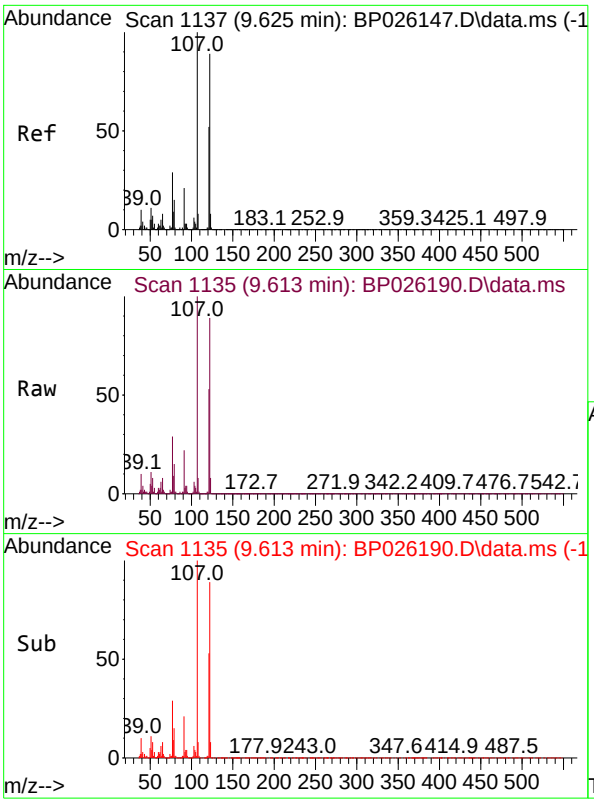




#26
2-Nitrophenol
Concen: 39.520 ng
RT: 9.543 min Scan# 1123
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:139 Resp: 392413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.9 | 22.3 | 33.5 |
| 65 | 45.9 | 37.2 | 55.8 |



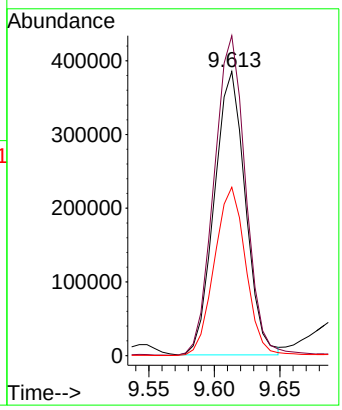


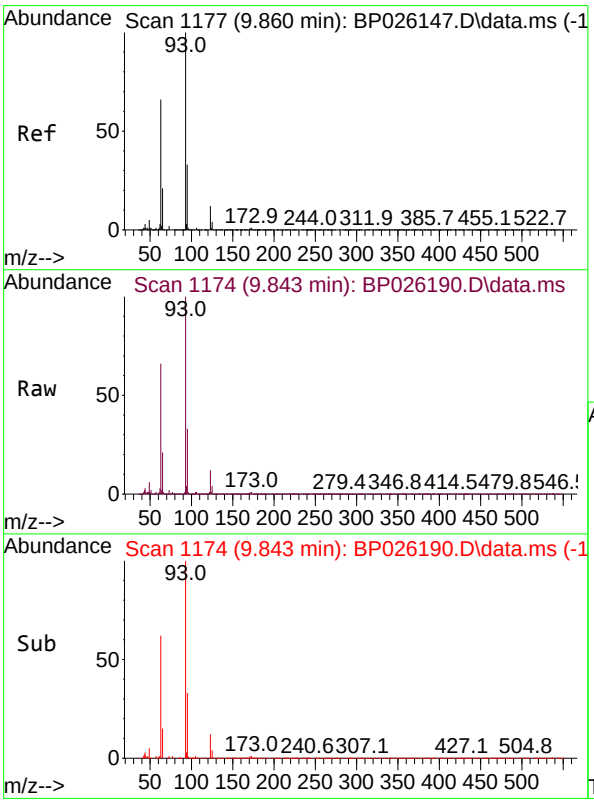

#27
2,4-Dimethylphenol
Concen: 35.401 ng
RT: 9.613 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 633851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.6 | 91.0 | 136.6 |
| 121 | 59.3 | 47.0 | 70.6 |

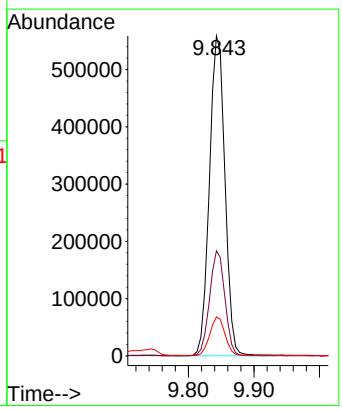


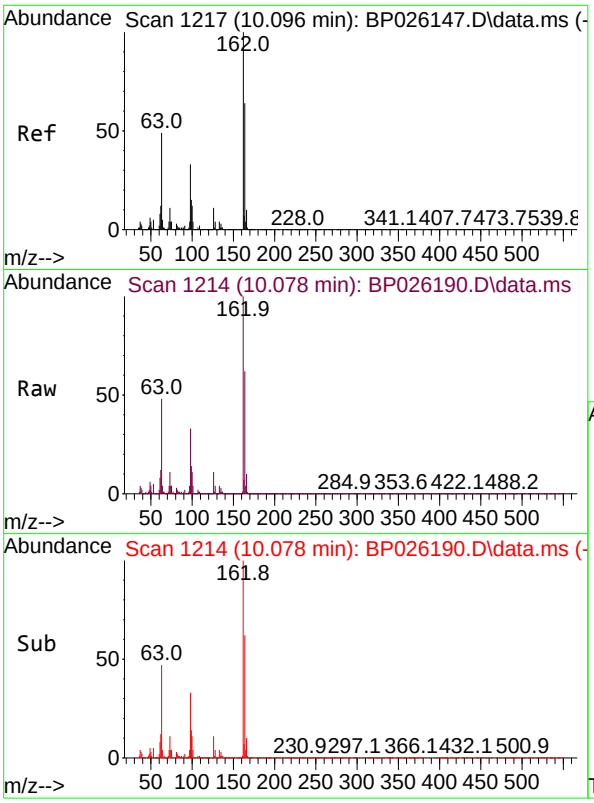




#28
bis(2-Chloroethoxy)methane
Concen: 38.166 ng
RT: 9.843 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 93 Resp: 919252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 26.4 | 39.6 |
| 123 | 12.2 | 9.4 | 14.0 |



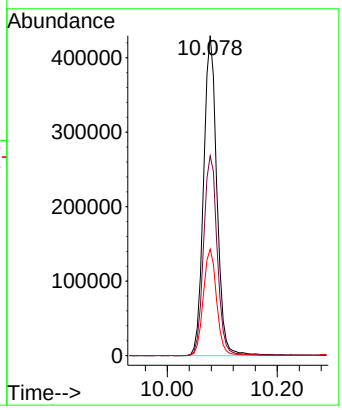


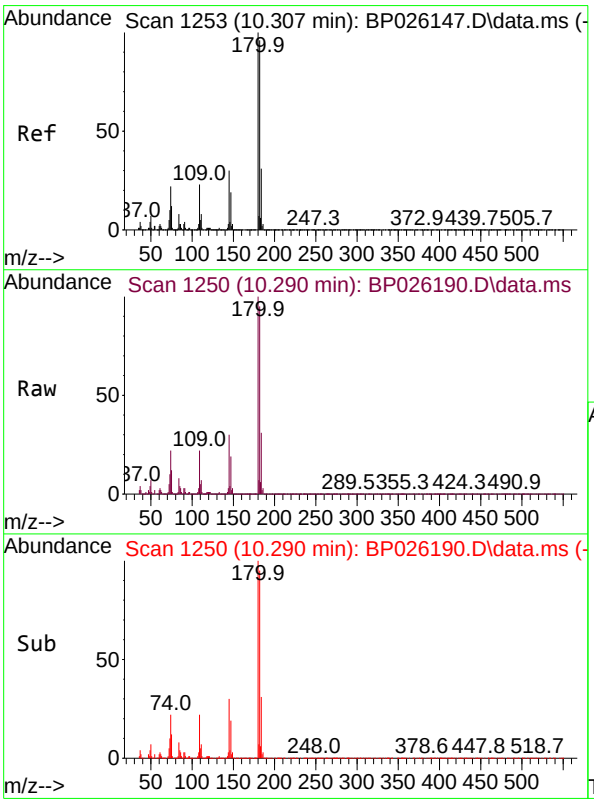

#29
2,4-Dichlorophenol
Concen: 40.248 ng
RT: 10.078 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 720254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.4 | 43.8 | 83.8 |
| 98 | 33.3 | 14.1 | 54.1 |

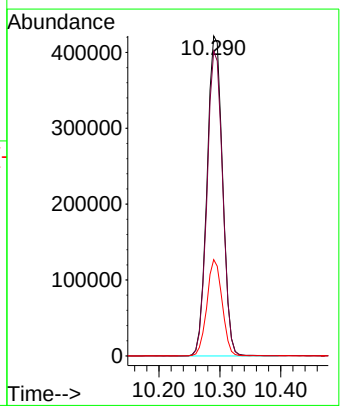


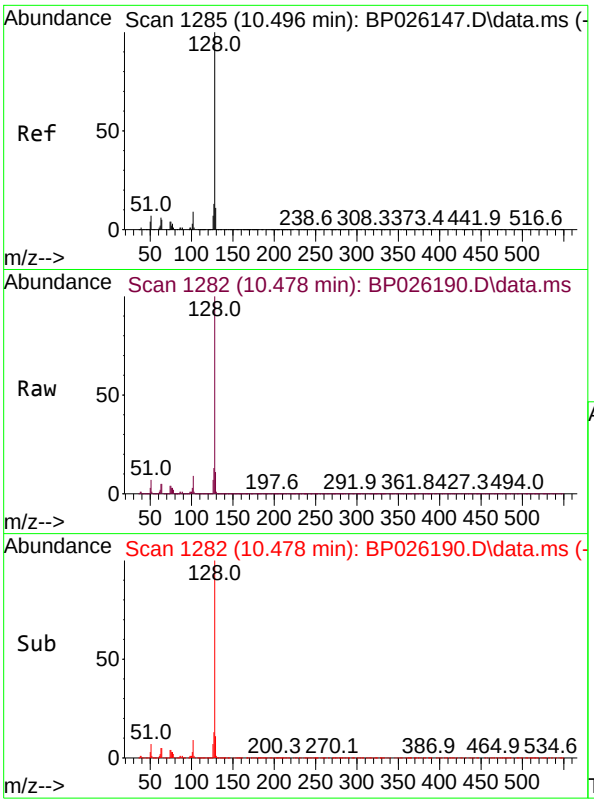




#30
1,2,4-Trichlorobenzene
Concen: 40.970 ng
RT: 10.290 min Scan# 1250
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:180 Resp: 746589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.2 | 78.1 | 117.1 |
| 145 | 30.1 | 24.2 | 36.4 |



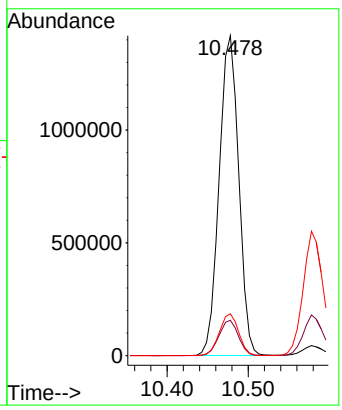


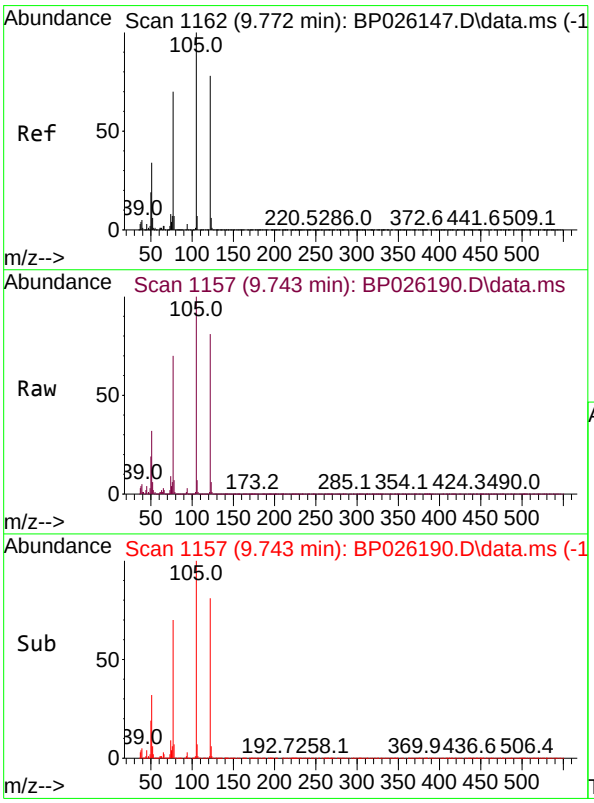

#31
Naphthalene
Concen: 39.846 ng
RT: 10.478 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp: 2372932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 9.0 | 13.6 |
| 127 | 13.1 | 10.2 | 15.4 |

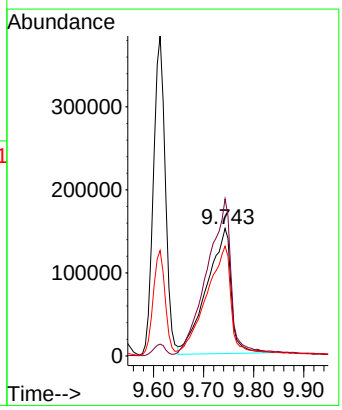


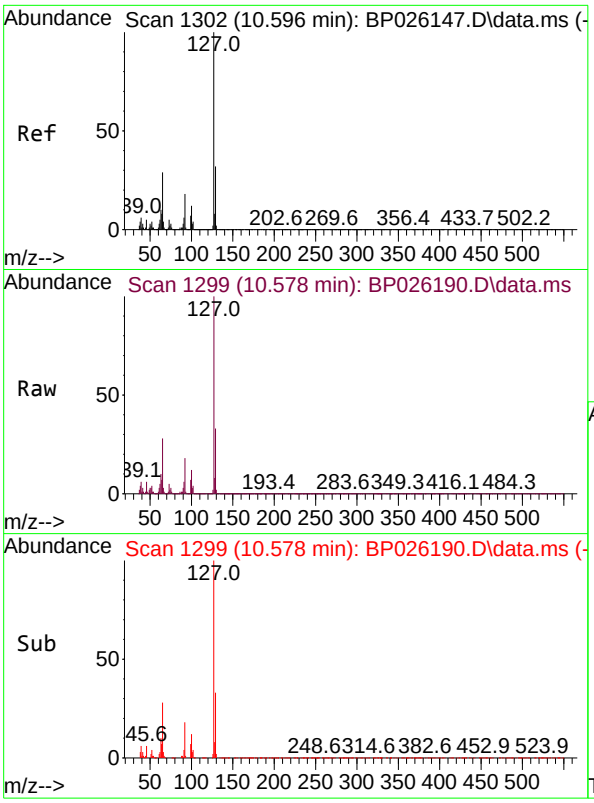




#32
Benzoic acid
Concen: 33.881 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:122 Resp: 510860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.2 | 100.1 | 140.1 |
| 77 | 86.0 | 66.7 | 106.7 |



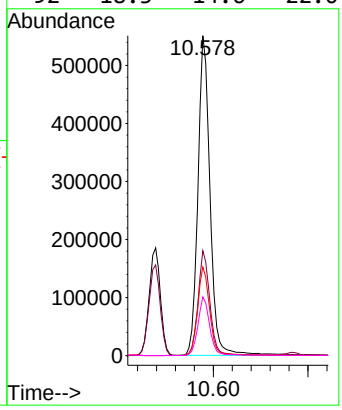


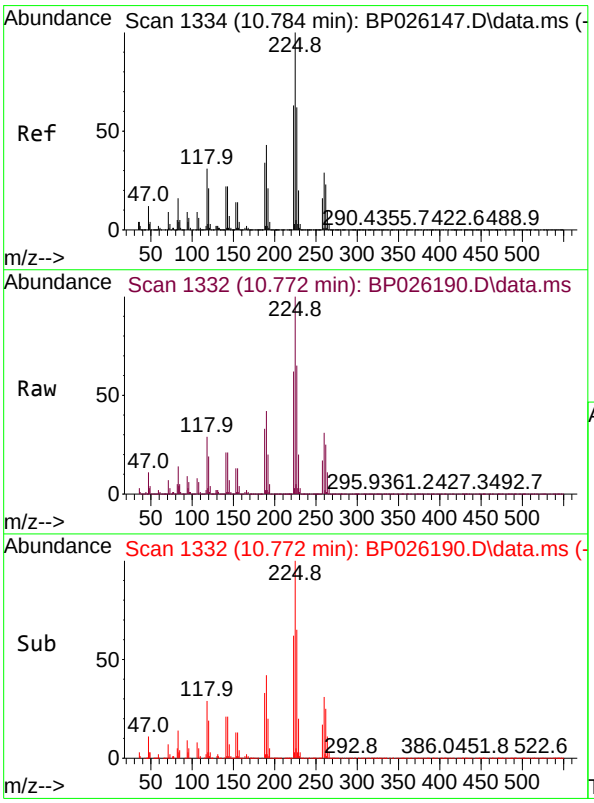

#33
4-Chloroaniline
Concen: 38.647 ng
RT: 10.578 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 978759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.8 | 25.8 | 38.8 |
| 65 | 27.7 | 22.7 | 34.1 |
| 92 | 18.3 | 14.6 | 22.0 |

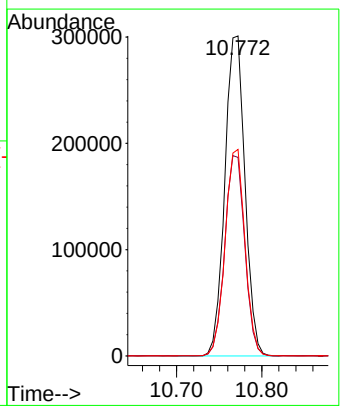


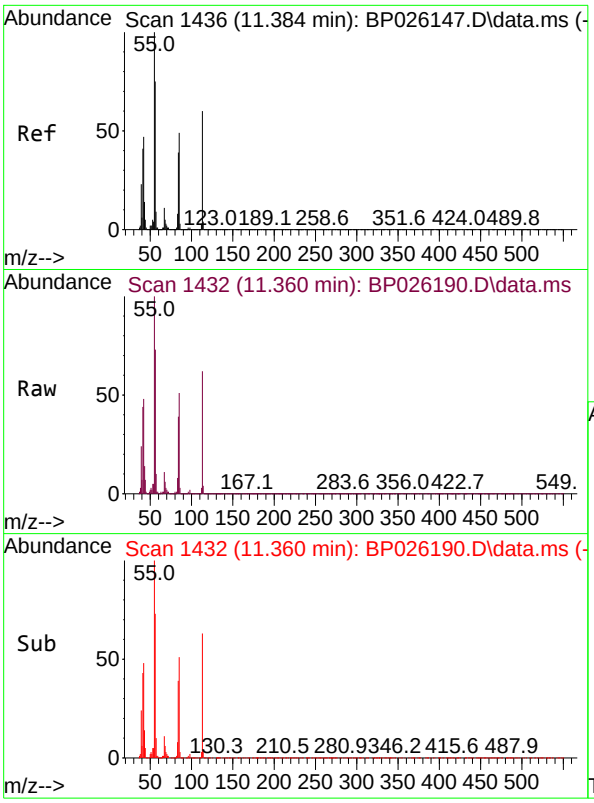




#34
Hexachlorobutadiene
Concen: 41.656 ng
RT: 10.772 min Scan# 1332
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:225 Resp: 493691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 49.6 | 74.4 |
| 227 | 64.5 | 51.2 | 76.8 |



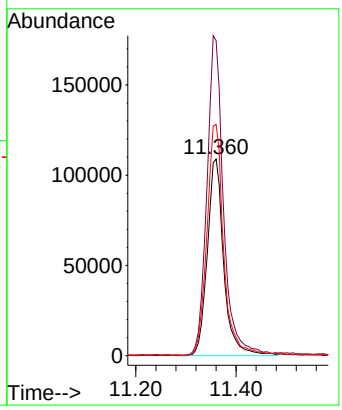


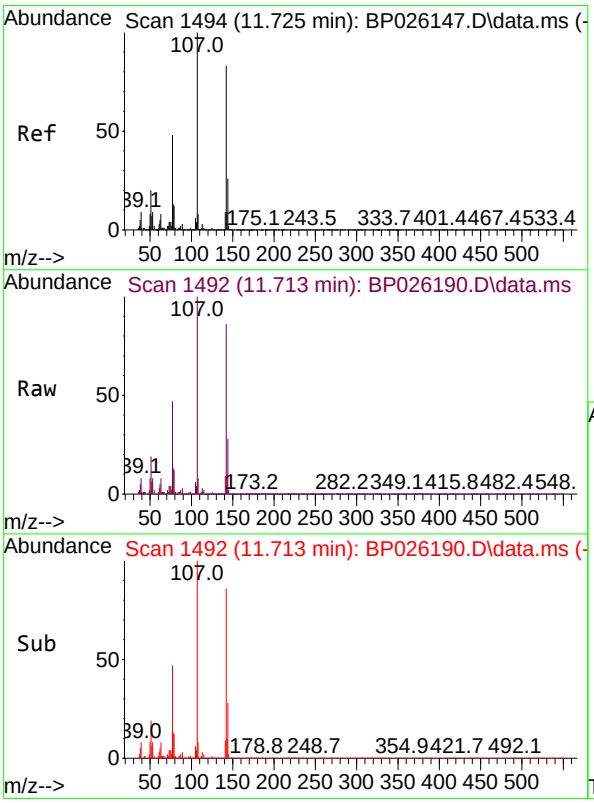

#35
Caprolactam
Concen: 38.718 ng
RT: 11.360 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 248100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 160.2 | 153.0 | 193.0 |
| 56 | 117.5 | 106.4 | 146.4 |

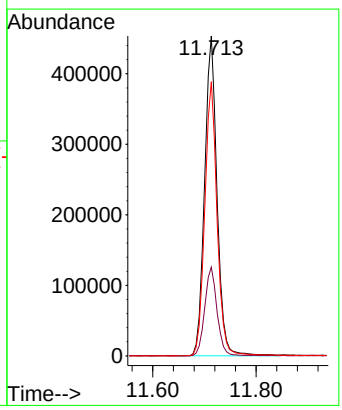


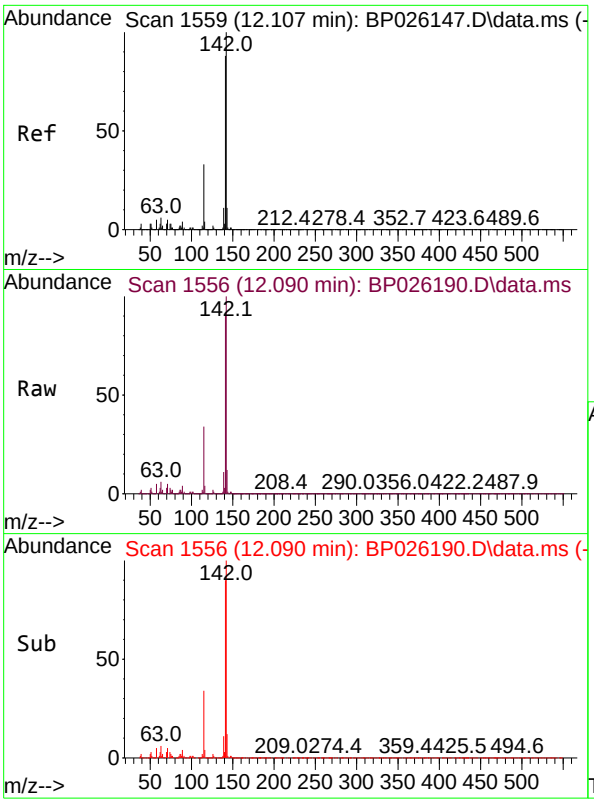




#36
4-Chloro-3-methylphenol
Concen: 39.714 ng
RT: 11.713 min Scan# 1492
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:107 Resp: 755363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.7 | 21.6 | 32.4 |
| 142 | 85.7 | 65.6 | 98.4 |



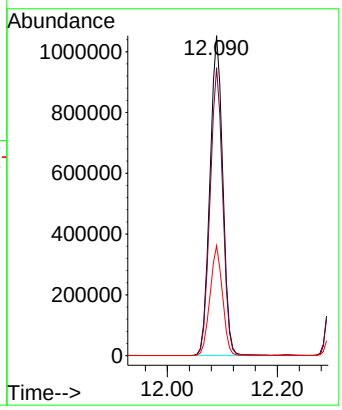


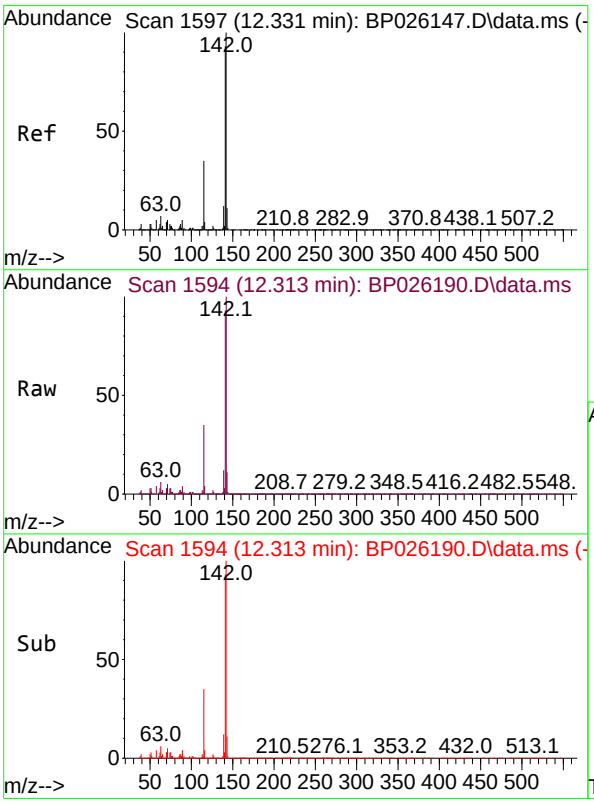

#37
2-Methylnaphthalene
Concen: 40.411 ng
RT: 12.090 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 1706137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 71.0 | 106.6 |
| 115 | 34.4 | 26.6 | 39.8 |

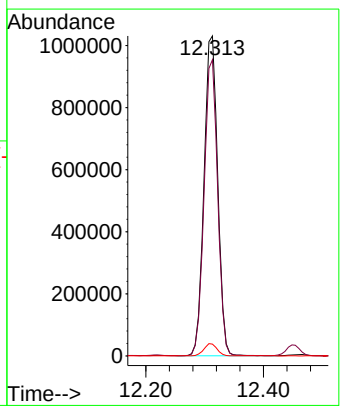


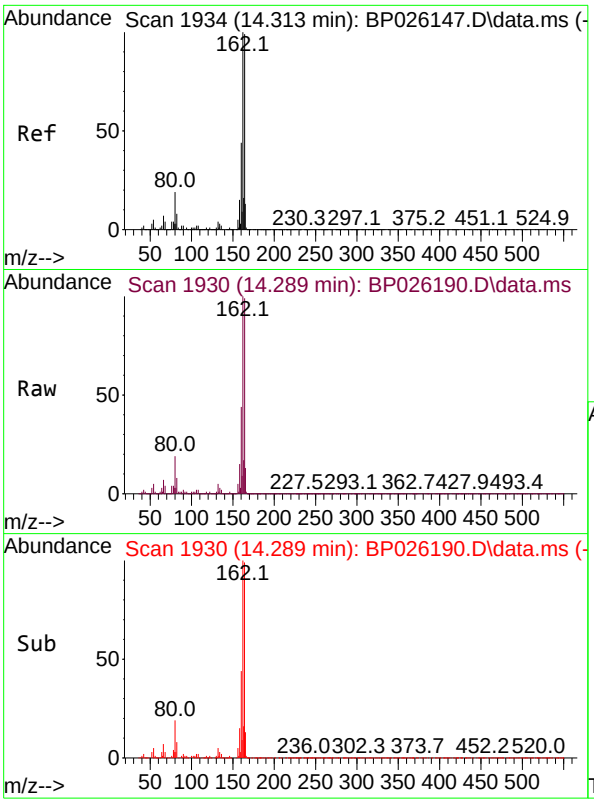




#38
1-Methylnaphthalene
Concen: 40.272 ng
RT: 12.313 min Scan# 1594
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:142 Resp: 1661885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.5 | 73.5 | 110.3 |
| 116 | 3.7 | 3.0 | 4.4 |



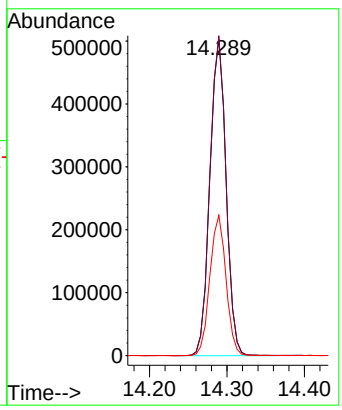


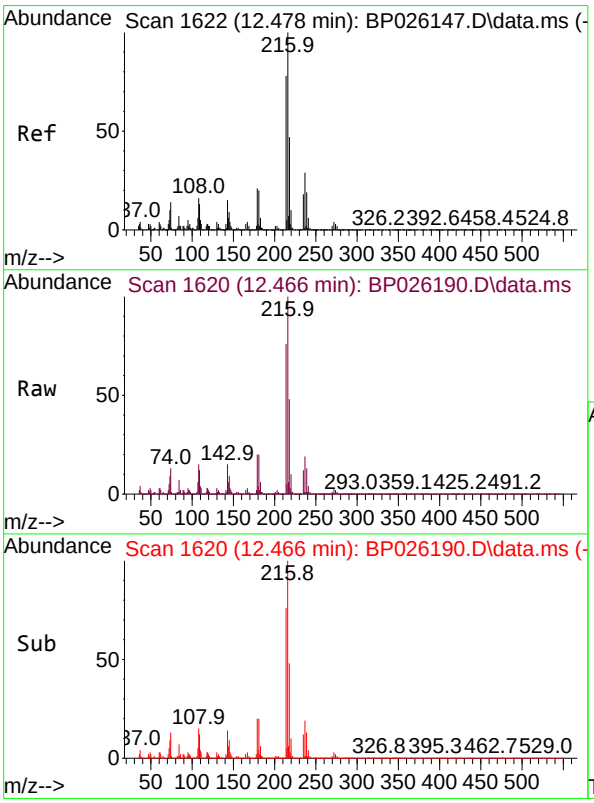

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.289 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:164 Resp: 729934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.1 | 80.3 | 120.5 |
| 160 | 44.3 | 35.2 | 52.8 |

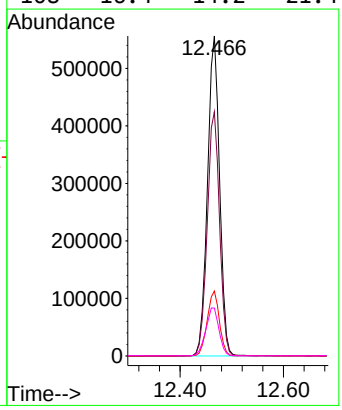


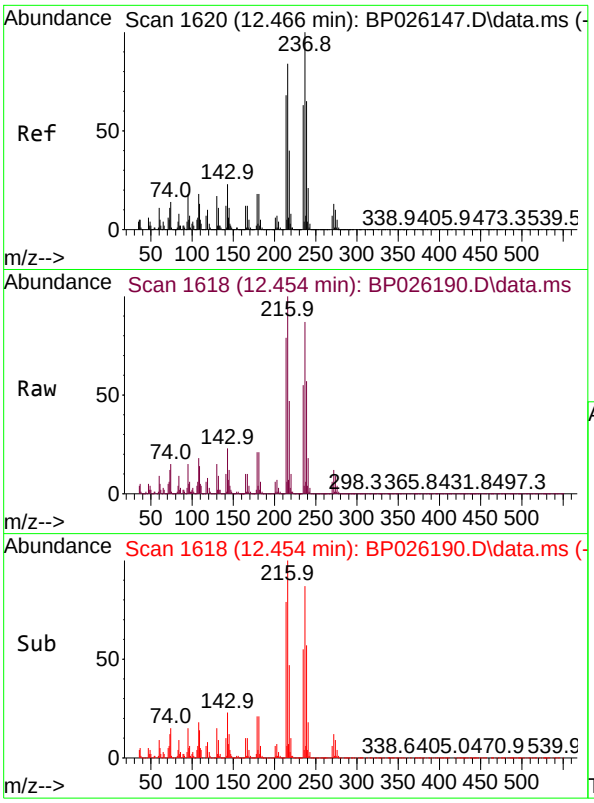




#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.855 ng
RT: 12.466 min Scan# 1620
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:216 Resp: 901725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.7 | 62.6 | 94.0 |
| 179 | 20.4 | 16.6 | 25.0 |
| 108 | 16.4 | 14.2 | 21.4 |



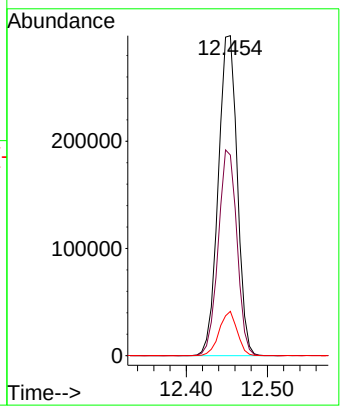


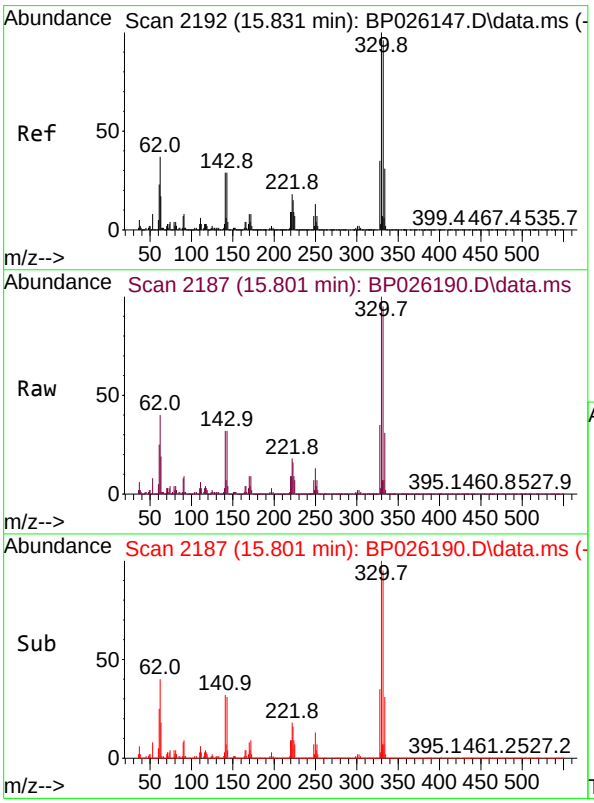

#41
Hexachlorocyclopentadiene
Concen: 33.460 ng
RT: 12.454 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:237 Resp: 483317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.7 | 43.3 | 83.3 |
| 272 | 13.8 | 0.0 | 32.9 |

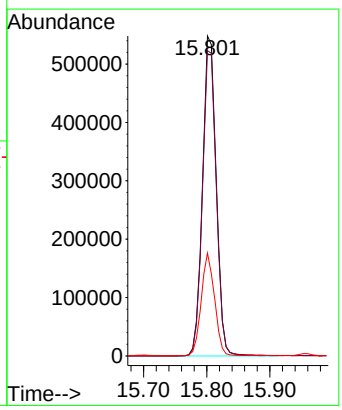


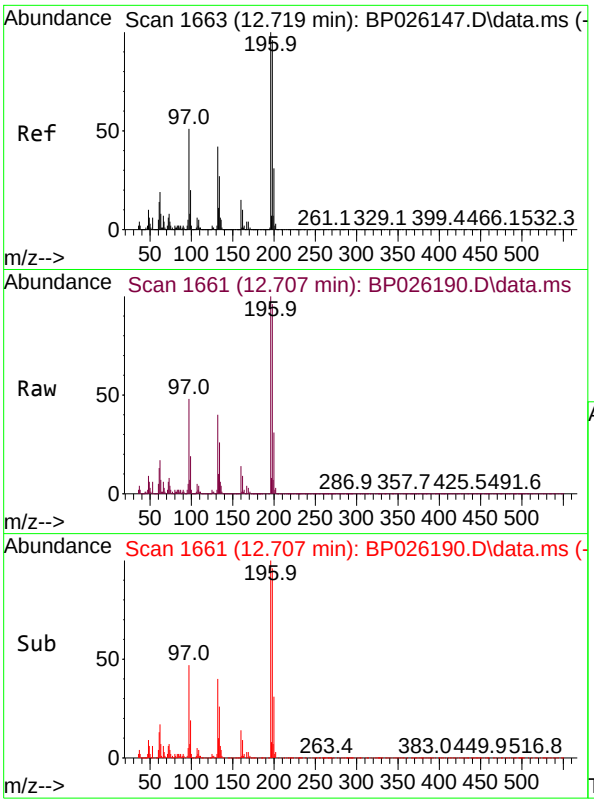




#42
2,4,6-Tribromophenol
Concen: 87.271 ng
RT: 15.801 min Scan# 2187
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:330 Resp: 826370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 78.0 | 117.0 |
| 141 | 31.2 | 26.8 | 40.2 |



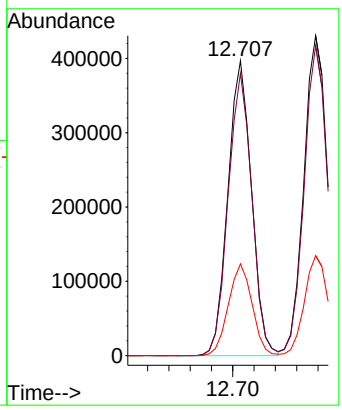


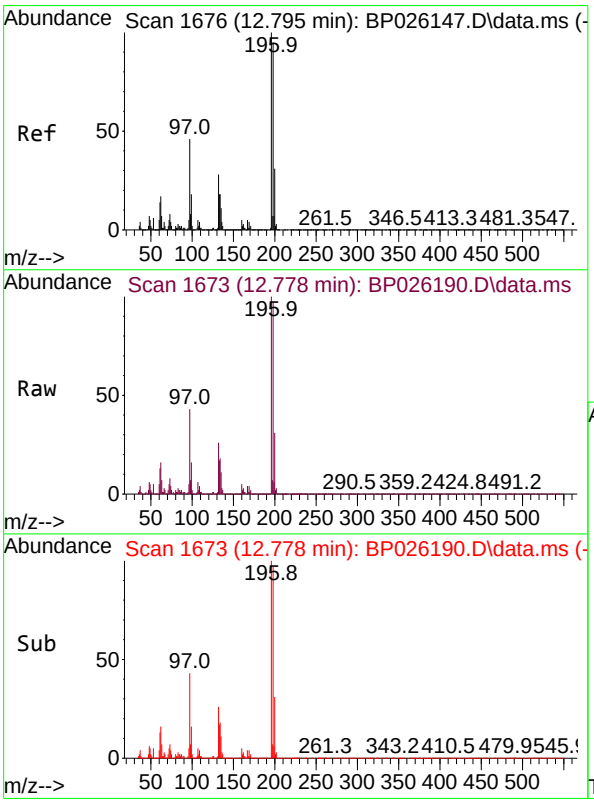

#43
2,4,6-Trichlorophenol
Concen: 40.449 ng
RT: 12.707 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 612040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.7 | 76.9 | 115.3 |
| 200 | 31.1 | 24.6 | 37.0 |

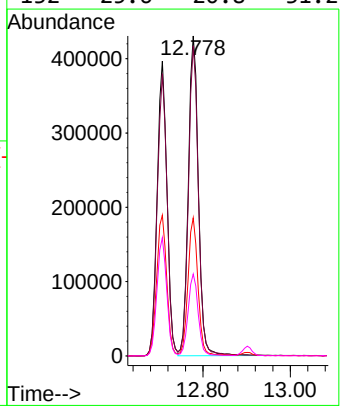


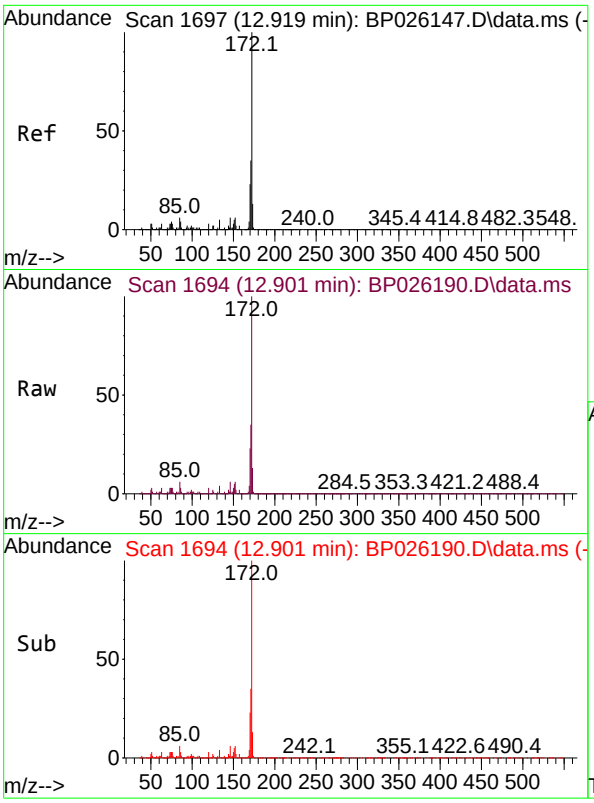




#44
2,4,5-Trichlorophenol
Concen: 41.124 ng
RT: 12.778 min Scan# 1673
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:196 Resp: 694591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 76.4 | 114.6 |
| 97 | 43.1 | 35.7 | 53.5 |
| 132 | 25.6 | 20.8 | 31.2 |



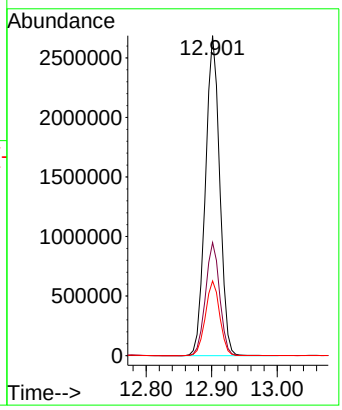


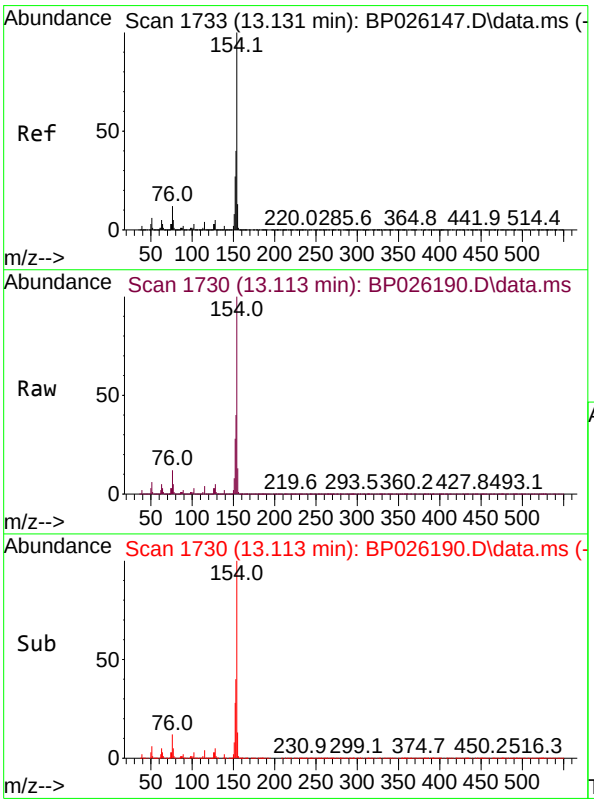

#45
2-Fluorobiphenyl
Concen: 81.419 ng
RT: 12.901 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:172 Resp: 4055063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.2 | 42.4 |
| 170 | 23.3 | 18.7 | 28.1 |

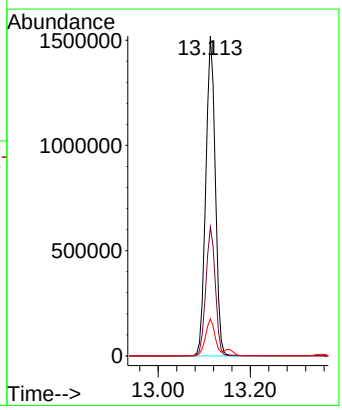


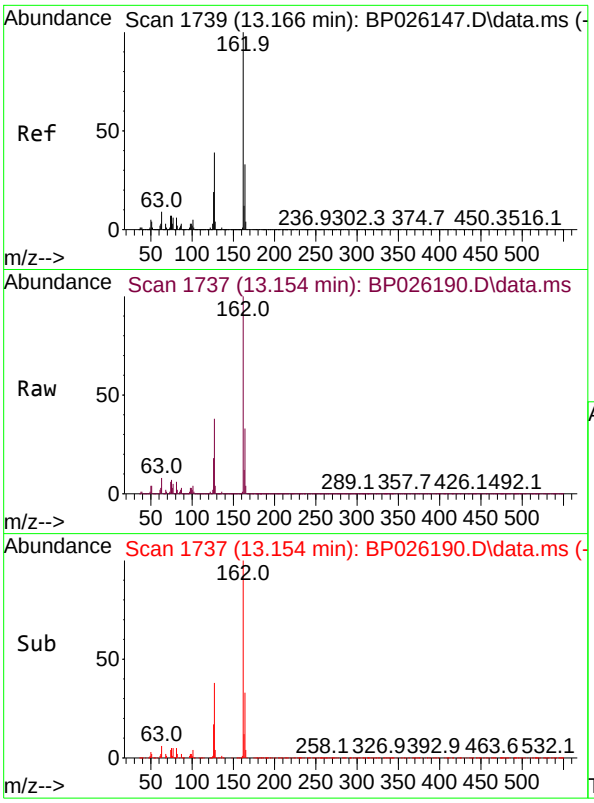




#46
1,1'-Biphenyl
Concen: 39.470 ng
RT: 13.113 min Scan# 1730
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:154 Resp: 2169418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 20.3 | 60.3 |
| 76 | 11.6 | 0.0 | 32.3 |



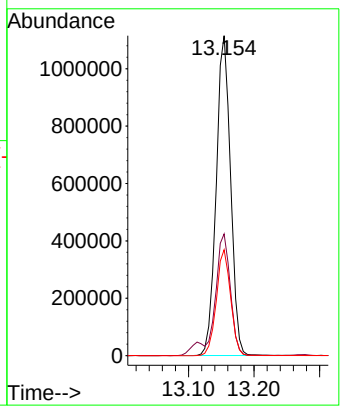


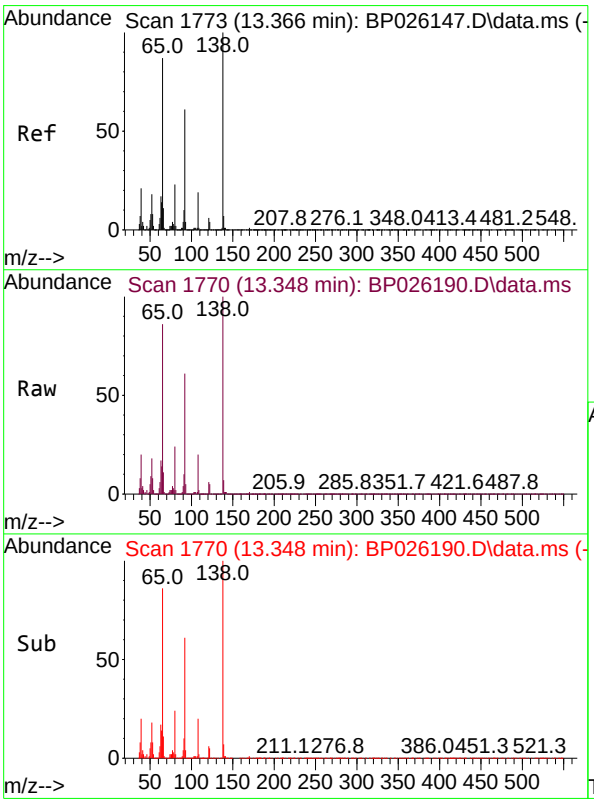

#47
2-Chloronaphthalene
Concen: 39.383 ng
RT: 13.154 min Scan# 1
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 1702157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.0 | 30.9 | 46.3 |
| 164 | 33.1 | 26.4 | 39.6 |

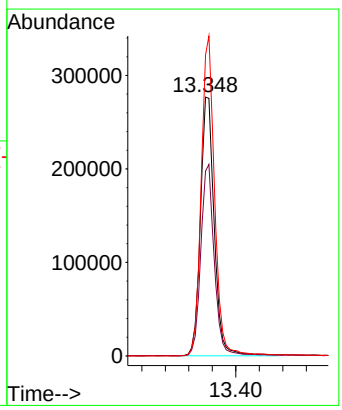


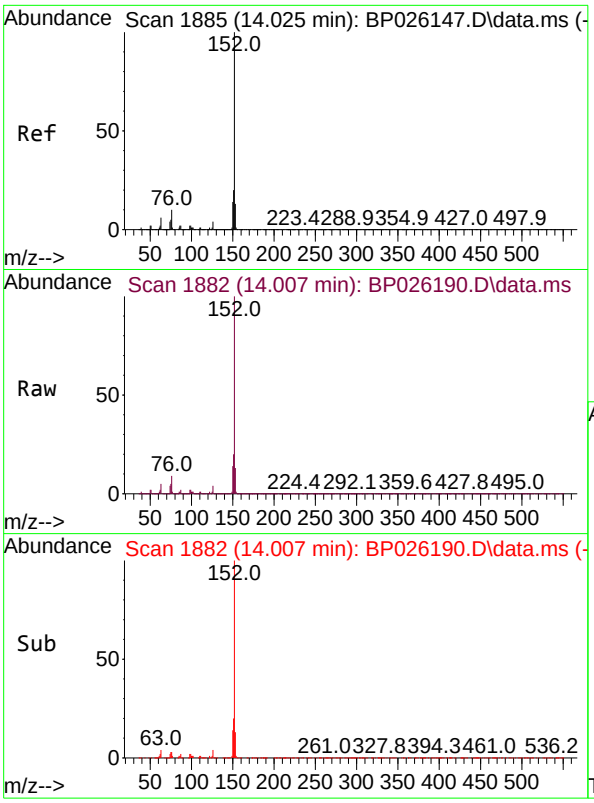




#48
2-Nitroaniline
Concen: 37.522 ng
RT: 13.348 min Scan# 1770
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 65 Resp: 450973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.4 | 59.1 | 88.7 |
| 138 | 116.3 | 96.6 | 145.0 |



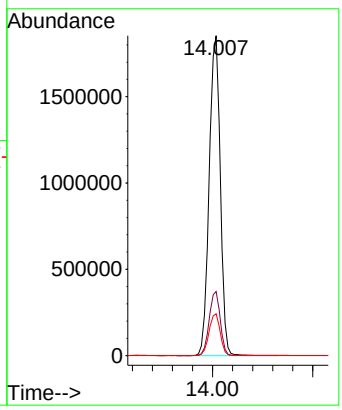


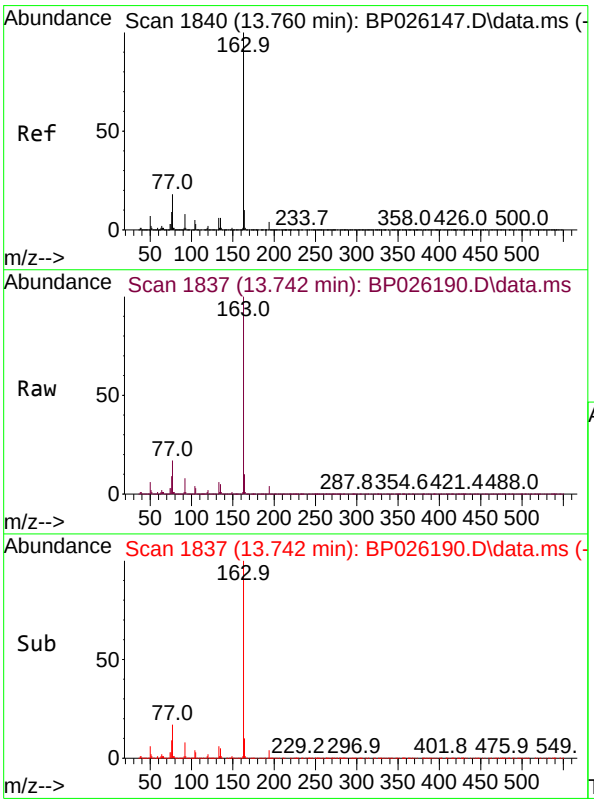

#49
Acenaphthylene
Concen: 39.825 ng
RT: 14.007 min Scan# 18
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 2839199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 13.1 | 10.6 | 16.0 |

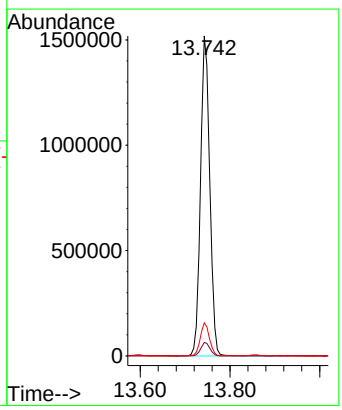


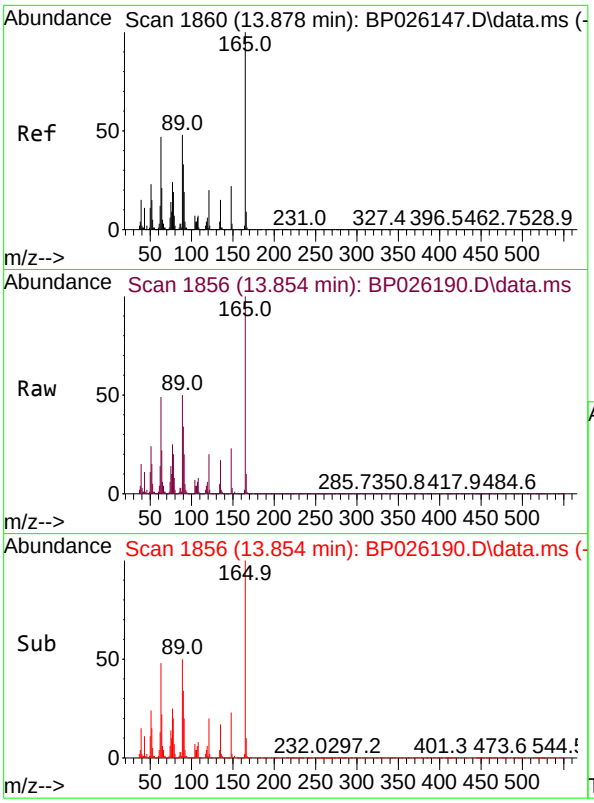




#50
Dimethylphthalate
Concen: 39.727 ng
RT: 13.742 min Scan# 1837
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:163 Resp: 2165861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.3 | 8.2 | 12.2 |



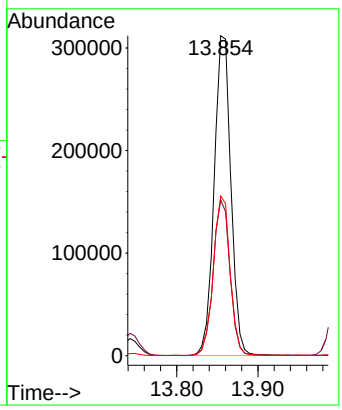


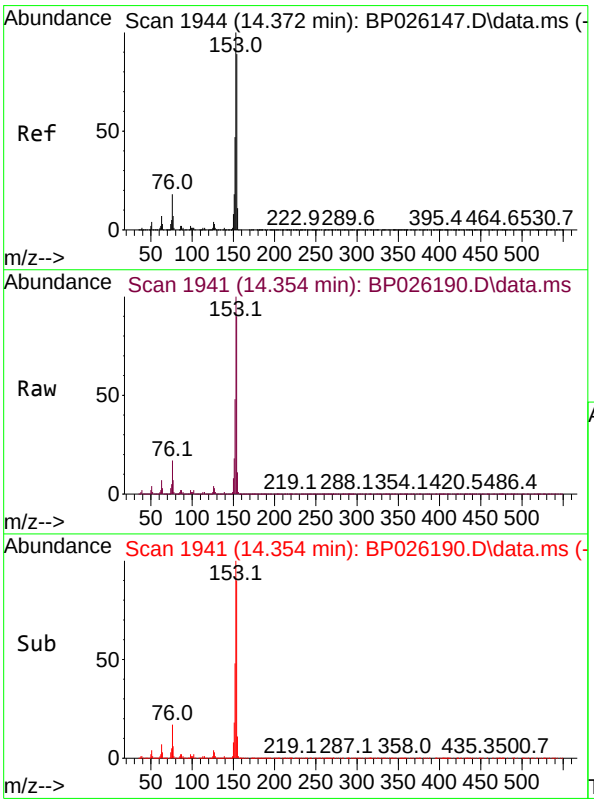

#51
2,6-Dinitrotoluene
Concen: 41.338 ng
RT: 13.854 min Scan# 18
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 446556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.6 | 40.5 | 60.7 |
| 89 | 49.9 | 41.3 | 61.9 |

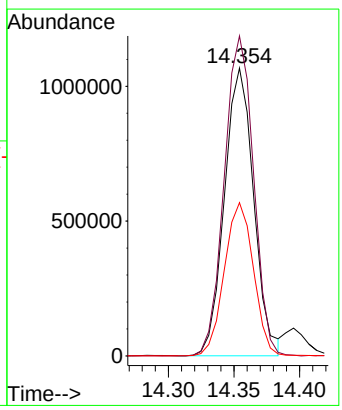


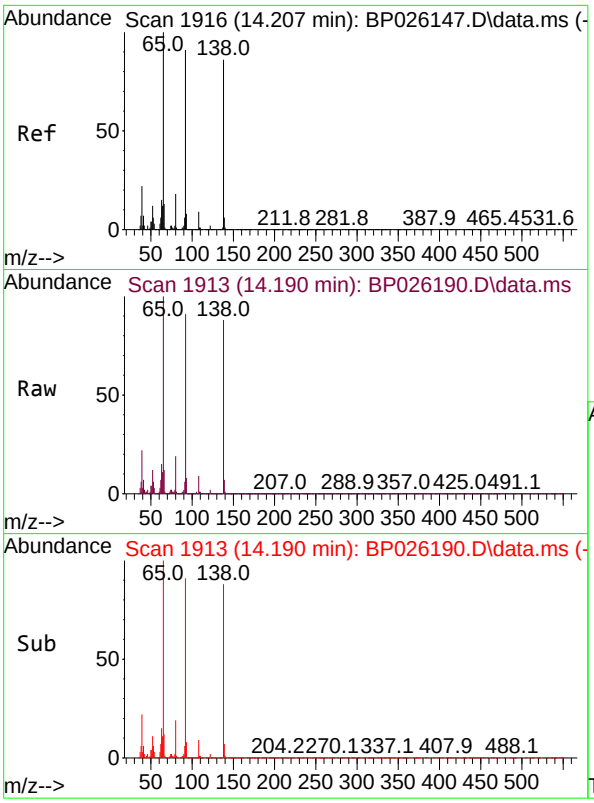




#52
Acenaphthene
Concen: 39.764 ng
RT: 14.354 min Scan# 1941
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:154 Resp: 1661341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.2 | 90.7 | 136.1 |
| 152 | 53.3 | 42.8 | 64.2 |



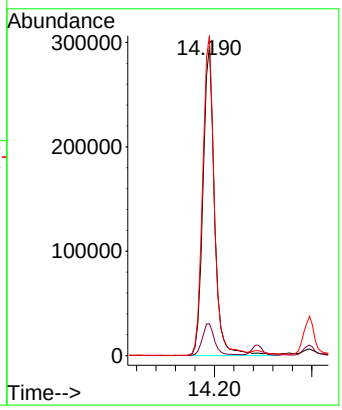


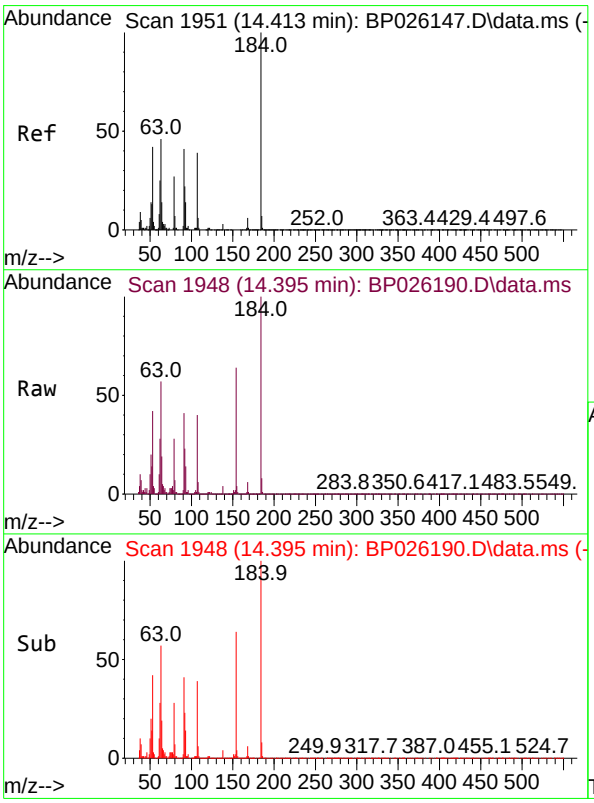

#53
3-Nitroaniline
Concen: 38.439 ng
RT: 14.190 min Scan# 19
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 488917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.3 | 8.9 | 13.3 |
| 92 | 103.4 | 86.3 | 129.5 |

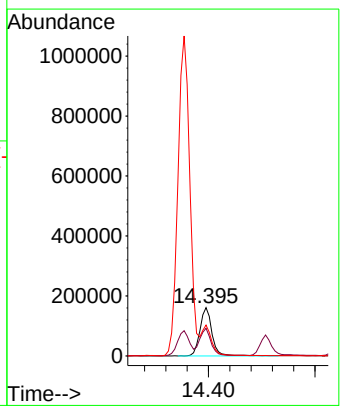


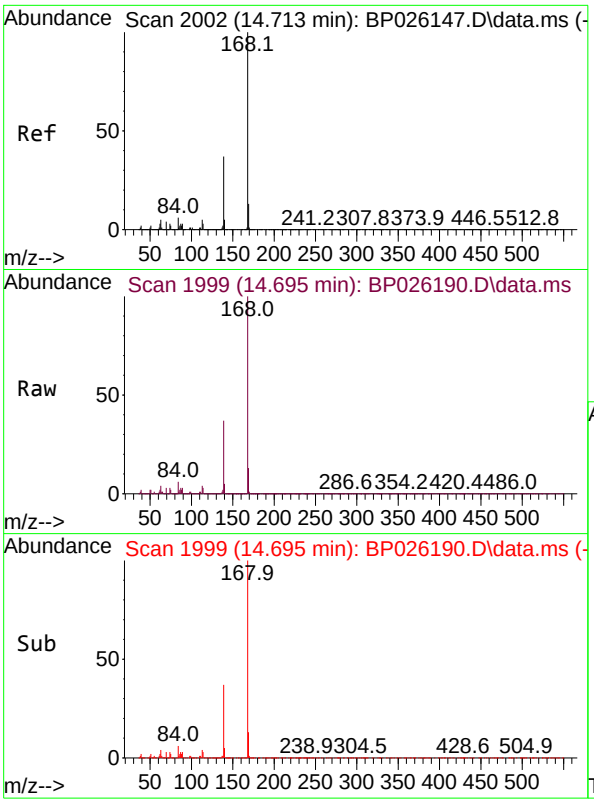




#54
2,4-Dinitrophenol
Concen: 38.476 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:184 Resp: 250898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.2 | 43.1 | 64.7 |
| 154 | 63.9 | 49.5 | 74.3 |



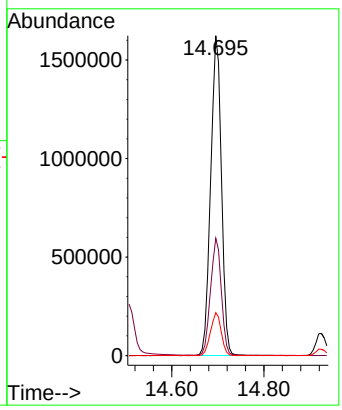


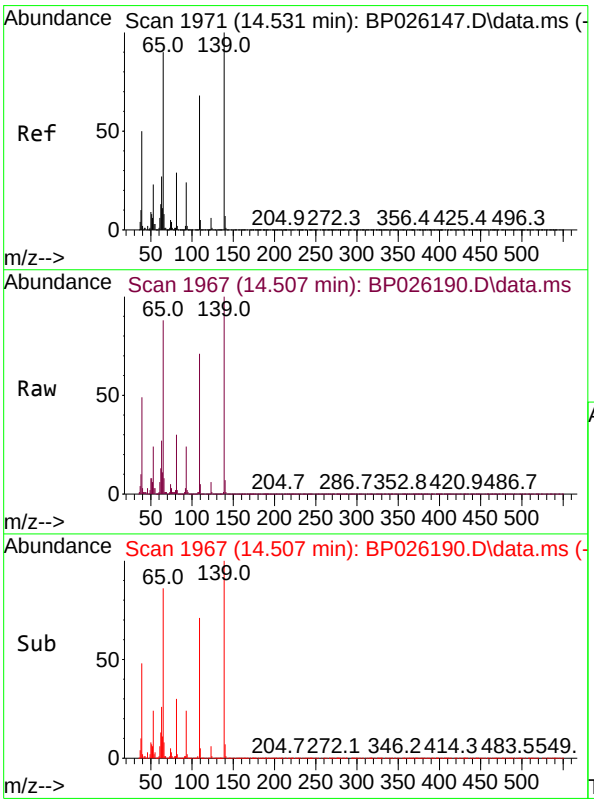

#55
Dibenzofuran
Concen: 40.551 ng
RT: 14.695 min Scan# 19
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:168 Resp: 2624031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.7 | 29.8 | 44.6 |
| 169 | 13.4 | 10.9 | 16.3 |

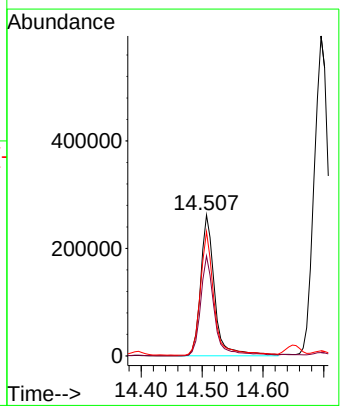


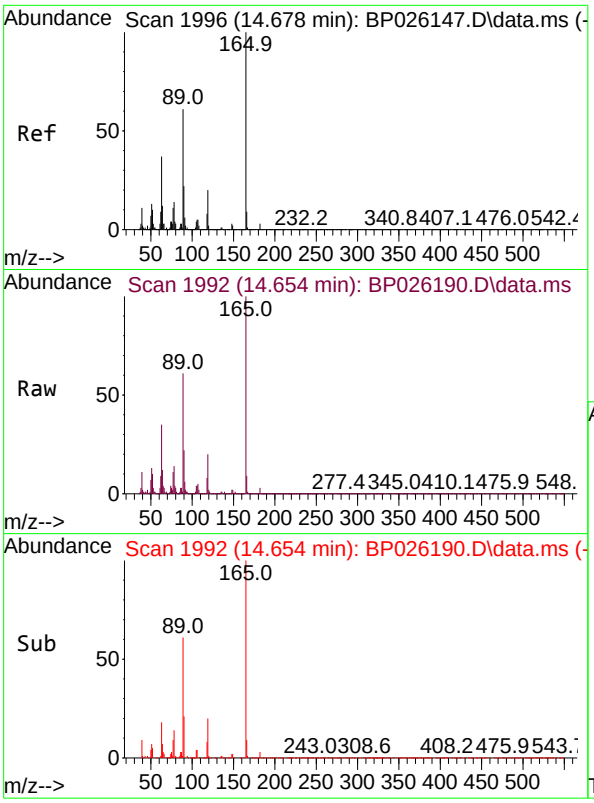




#56
4-Nitrophenol
Concen: 36.400 ng
RT: 14.507 min Scan# 1967
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:139 Resp: 418838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 71.0 | 46.8 | 86.8 |
| 65 | 88.2 | 69.3 | 109.3 |



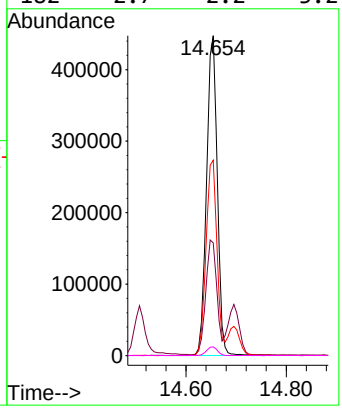


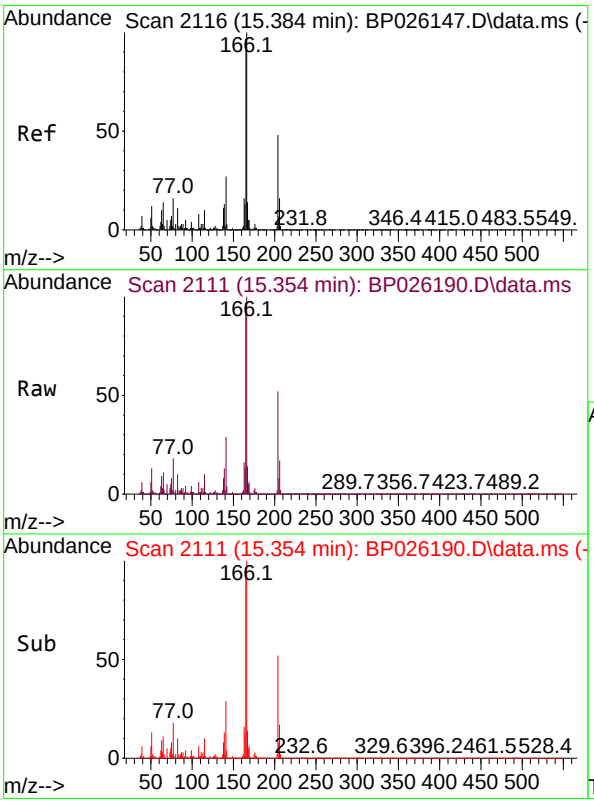

#57
2,4-Dinitrotoluene
Concen: 41.321 ng
RT: 14.654 min Scan# 19
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:165 Resp: 666504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.2 | 31.0 | 46.6 |
| 89 | 61.1 | 51.7 | 77.5 |
| 182 | 2.7 | 2.2 | 3.2 |

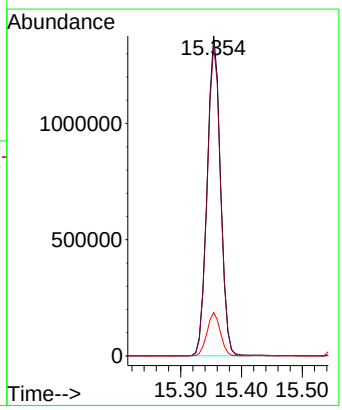


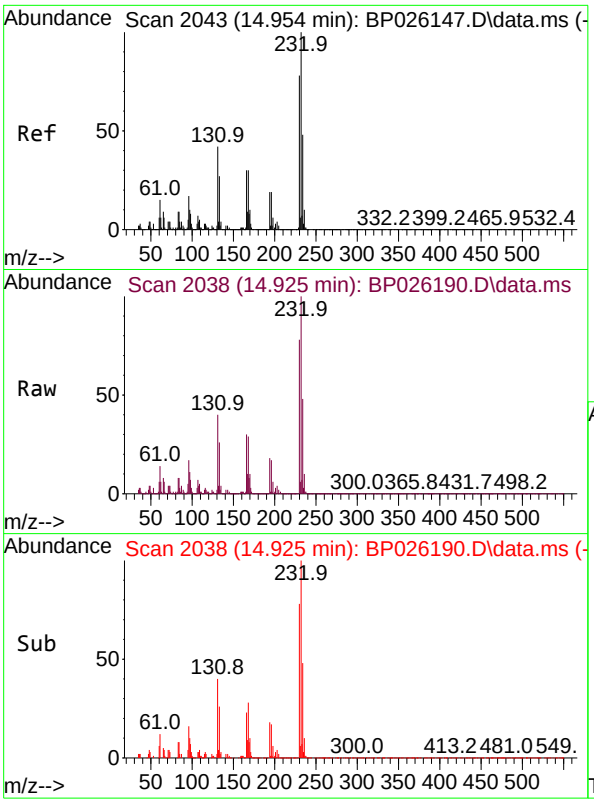




#58
Fluorene
Concen: 40.906 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:166 Resp: 2092220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 77.9 | 116.9 |
| 167 | 13.6 | 11.0 | 16.4 |



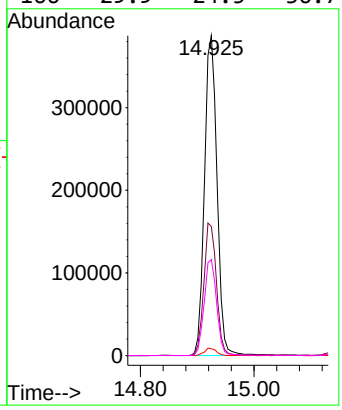


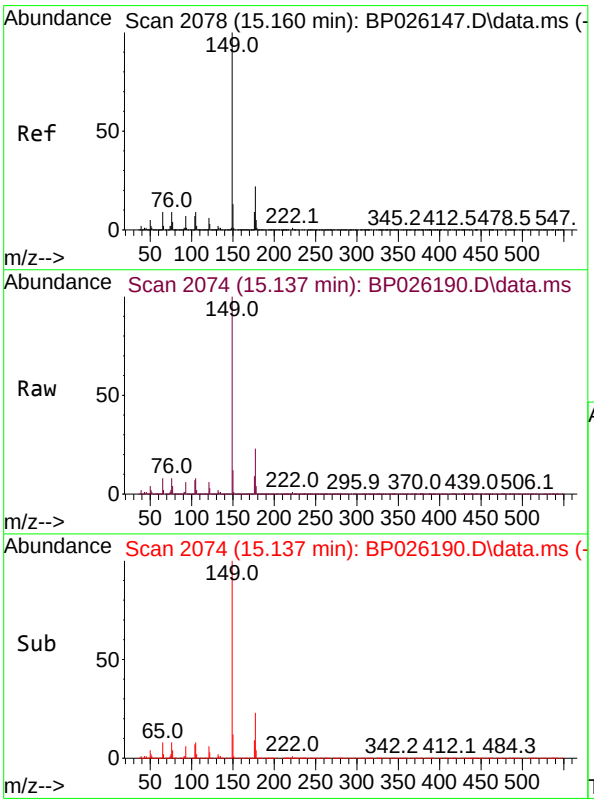

#59
2,3,4,6-Tetrachlorophenol
Concen: 41.708 ng
RT: 14.925 min Scan# 20
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:232 Resp: 597629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.5 | 34.8 | 52.2 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 29.9 | 24.5 | 36.7 |

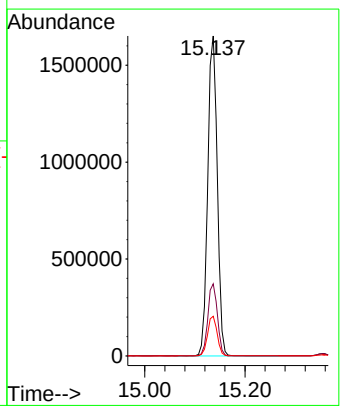


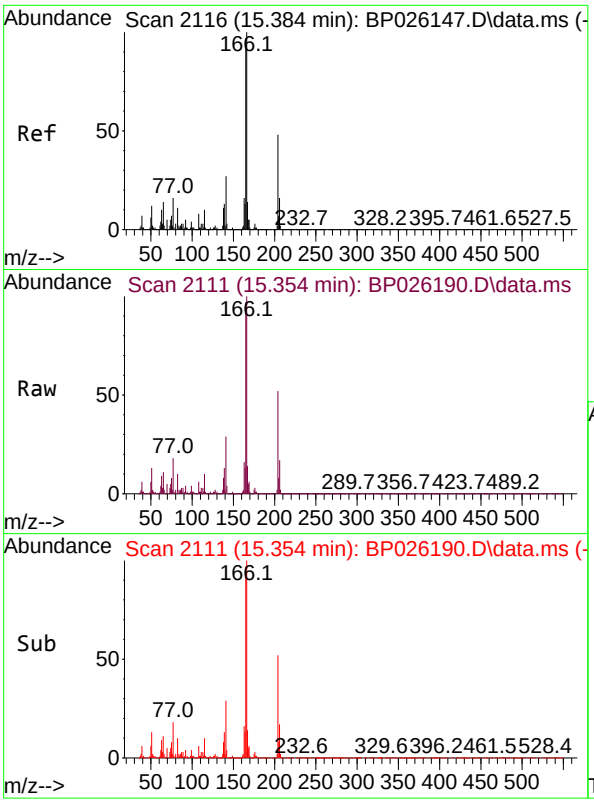




#60
Diethylphthalate
Concen: 39.588 ng
RT: 15.137 min Scan# 2074
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:149 Resp: 2174197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.5 | 17.9 | 26.9 |
| 150 | 12.4 | 9.9 | 14.9 |



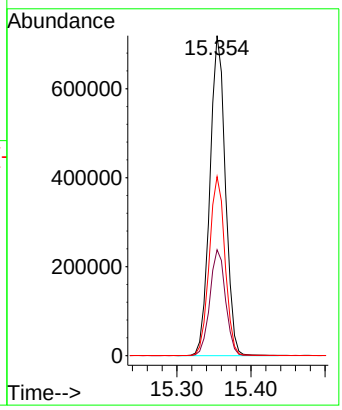


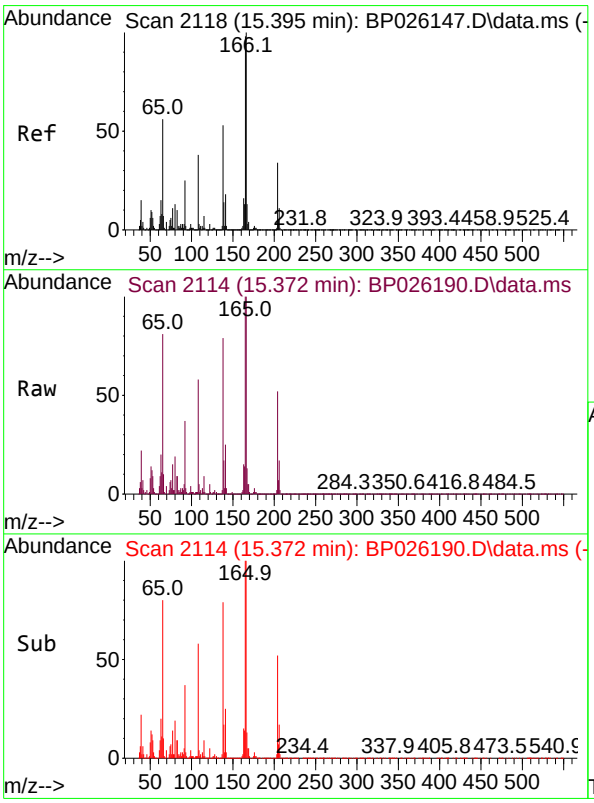

#61
4-Chlorophenyl-phenylether
Concen: 41.145 ng
RT: 15.354 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:204 Resp: 1047106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.2 | 39.2 |
| 141 | 56.0 | 48.1 | 72.1 |

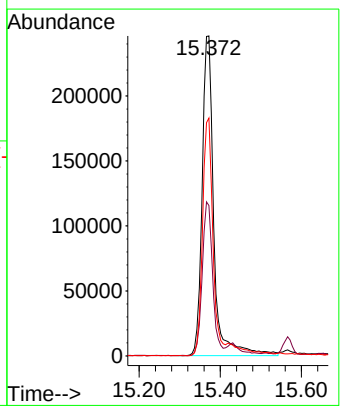


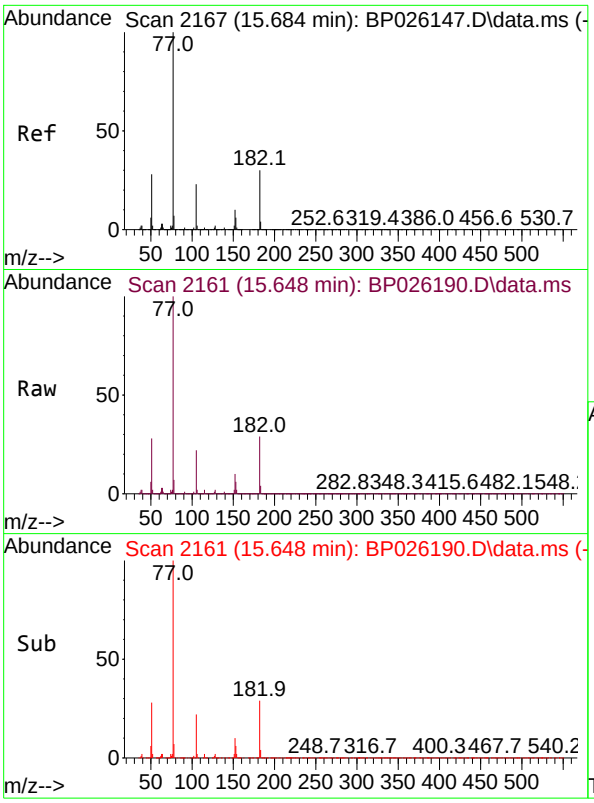




#62
4-Nitroaniline
Concen: 37.250 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:138 Resp: 491993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.0 | 27.5 | 67.5 |
| 108 | 74.4 | 51.1 | 91.1 |



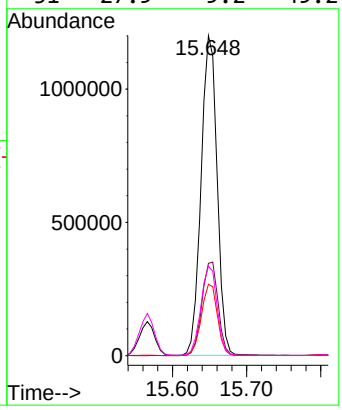


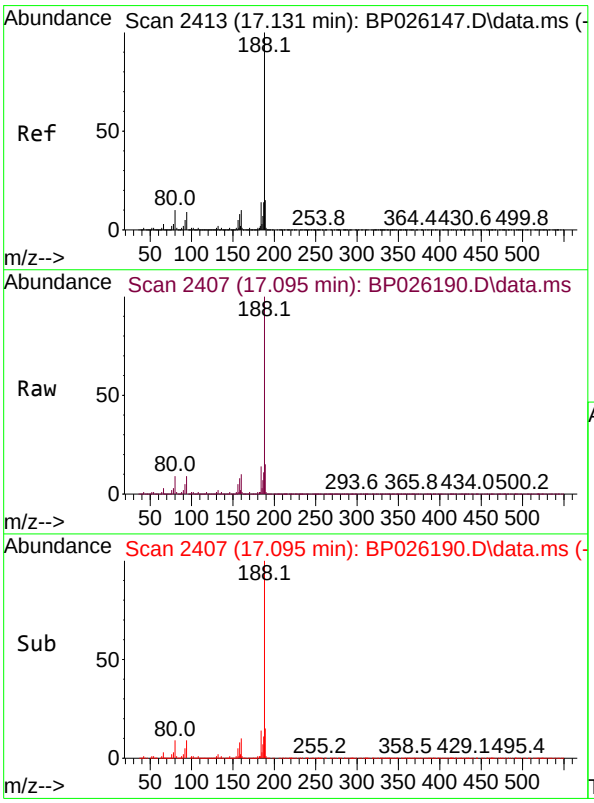

#63
Azobenzene
Concen: 38.915 ng
RT: 15.648 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp: 1802077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.8 | 8.8 | 48.8 |
| 105 | 22.3 | 2.6 | 42.6 |
| 51 | 27.9 | 9.2 | 49.2 |

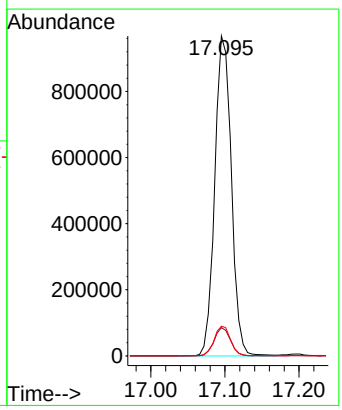


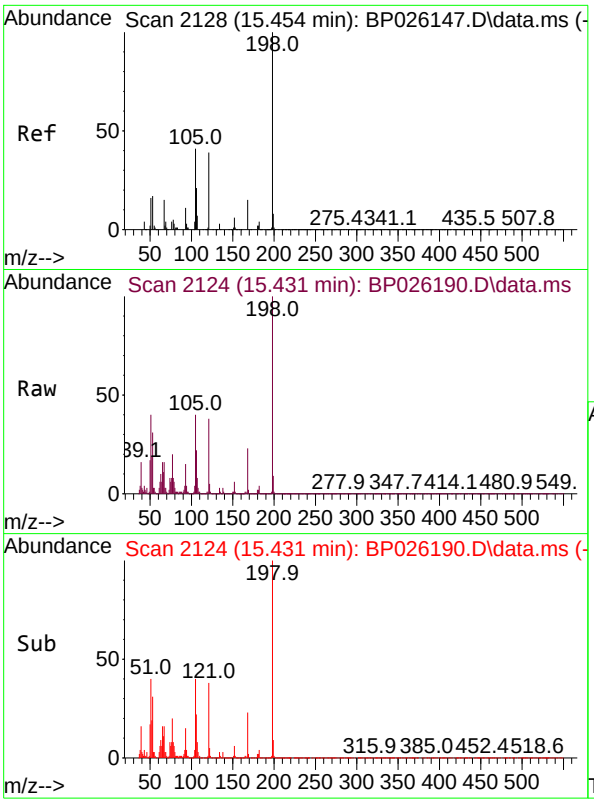




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:188 Resp: 1501838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 7.8 | 11.6 |
| 80 | 9.3 | 8.2 | 12.2 |



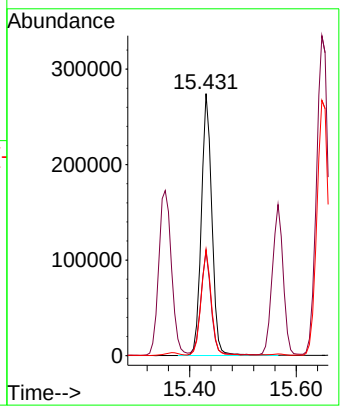


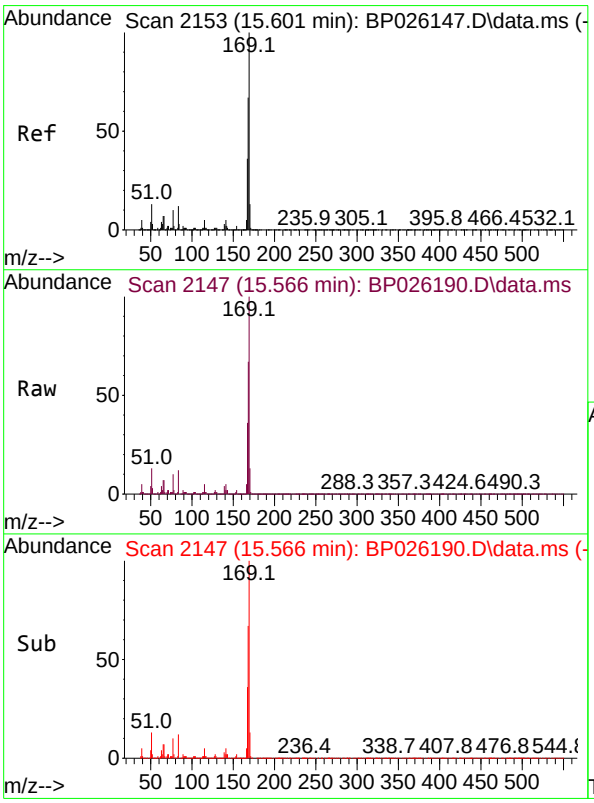

#65
4,6-Dinitro-2-methylphenol
Concen: 39.438 ng
RT: 15.431 min Scan# 21
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:198 Resp: 376279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 39.9 | 18.4 | 58.4 |
| 105 | 40.4 | 18.5 | 58.5 |

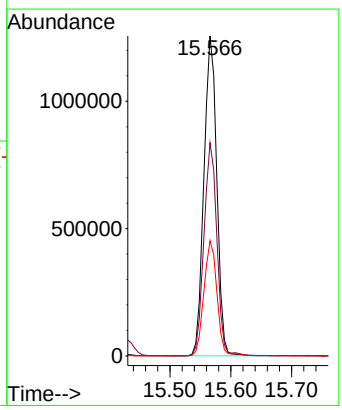


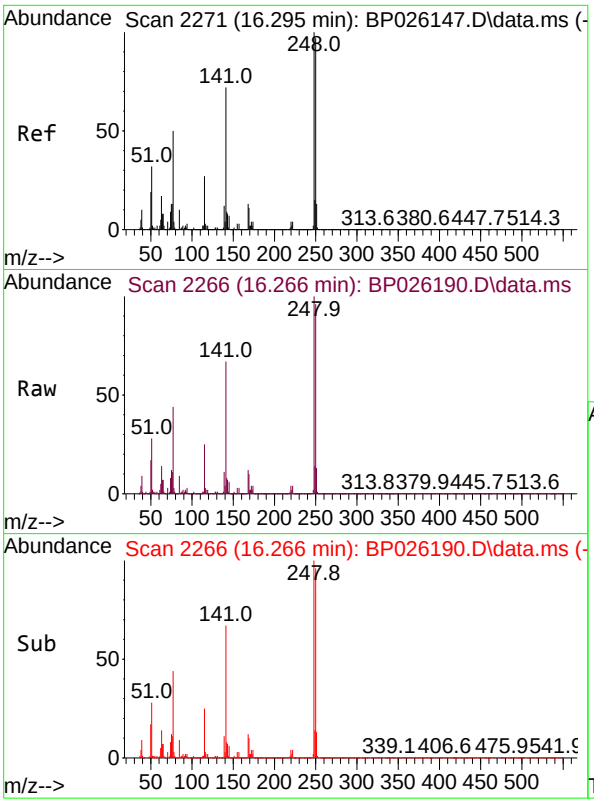




#66
n-Nitrosodiphenylamine
Concen: 39.653 ng
RT: 15.566 min Scan# 2147
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:169 Resp: 1842181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.6 | 53.1 | 79.7 |
| 167 | 36.0 | 28.9 | 43.3 |



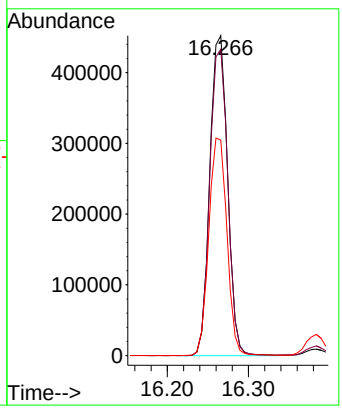


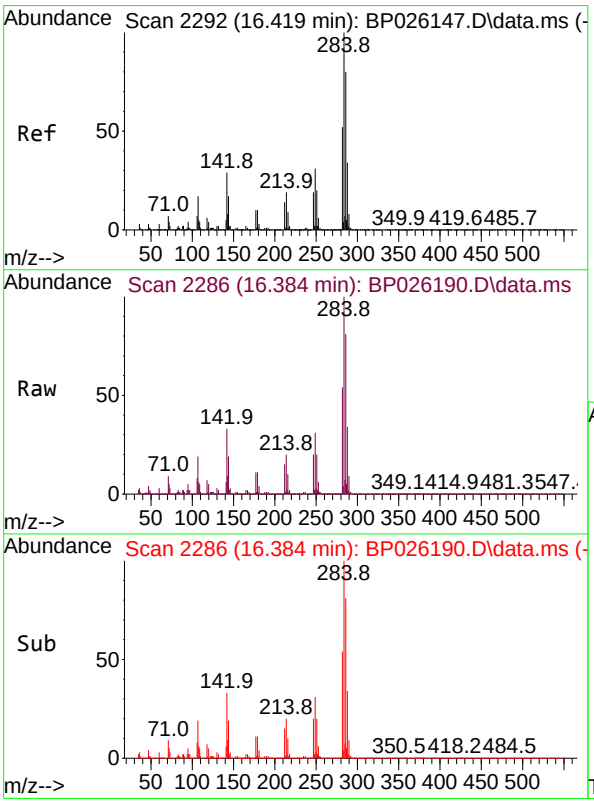

#67
4-Bromophenyl-phenylether
Concen: 41.382 ng
RT: 16.266 min Scan# 2
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:248 Resp: 688291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.7 | 77.8 | 116.6 |
| 141 | 67.4 | 55.4 | 83.0 |

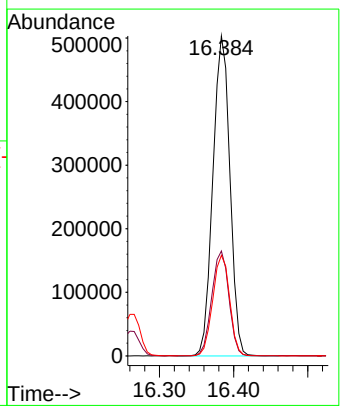


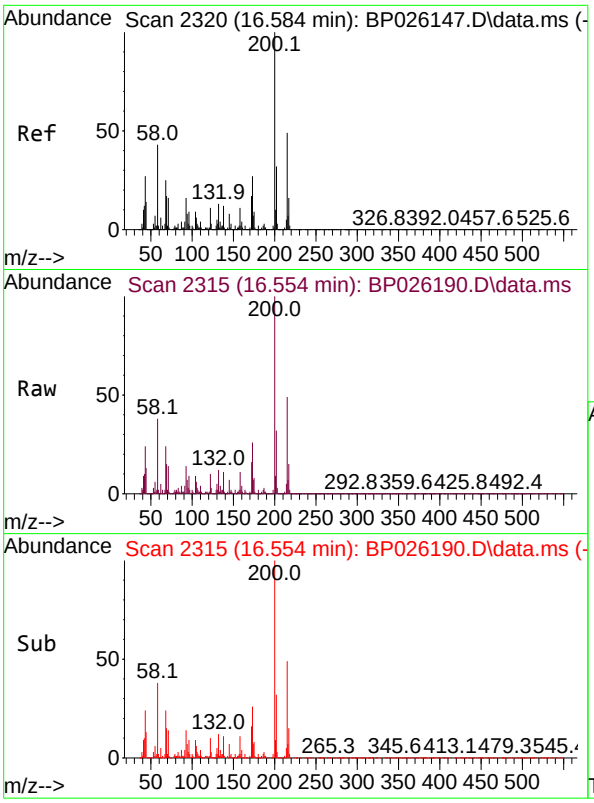




#68
Hexachlorobenzene
Concen: 41.599 ng
RT: 16.384 min Scan# 2286
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:284 Resp: 802858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.8 | 28.0 | 42.0 |
| 249 | 31.4 | 25.0 | 37.4 |



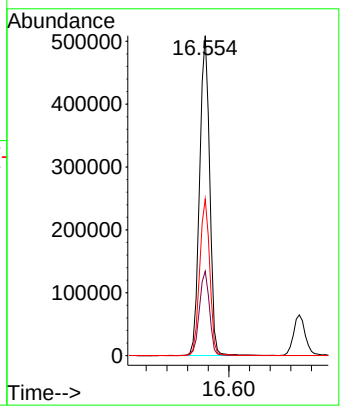


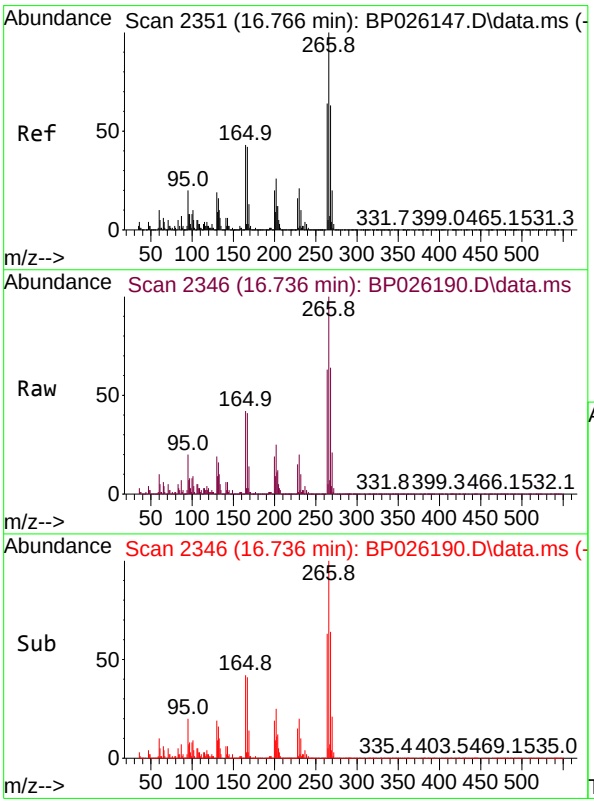

#69
Atrazine
Concen: 39.304 ng
RT: 16.554 min Scan# 2
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:200 Resp: 688566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.4 | 6.7 | 46.7 |
| 215 | 48.9 | 27.4 | 67.4 |

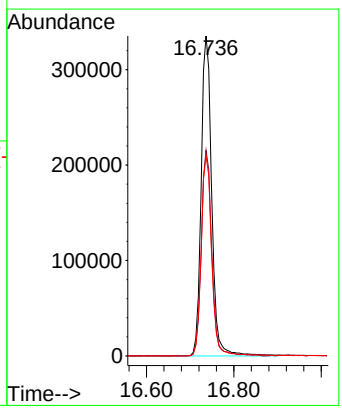


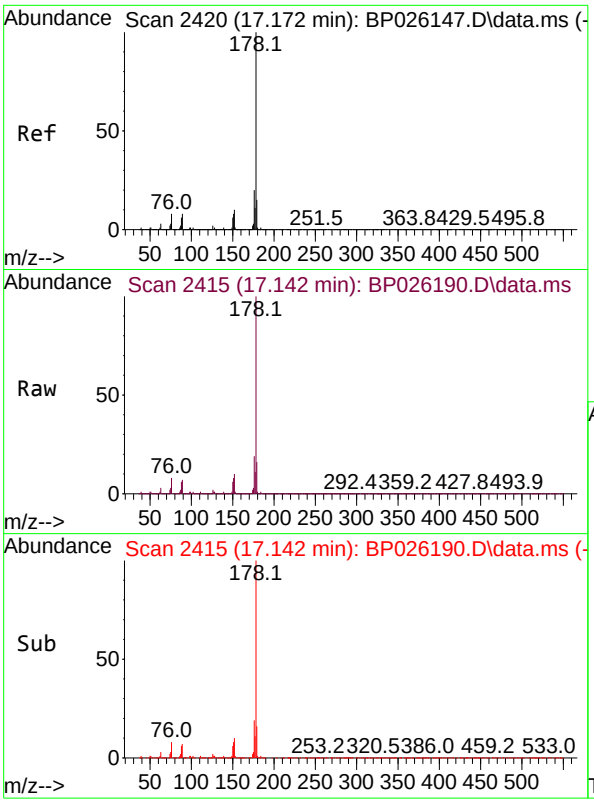




#70
Pentachlorophenol
Concen: 41.163 ng
RT: 16.736 min Scan# 2346
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:266 Resp: 555725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 51.0 | 76.4 |
| 264 | 62.5 | 50.2 | 75.2 |



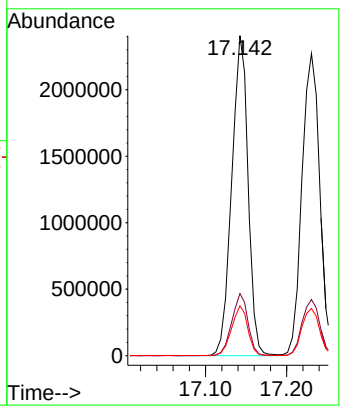


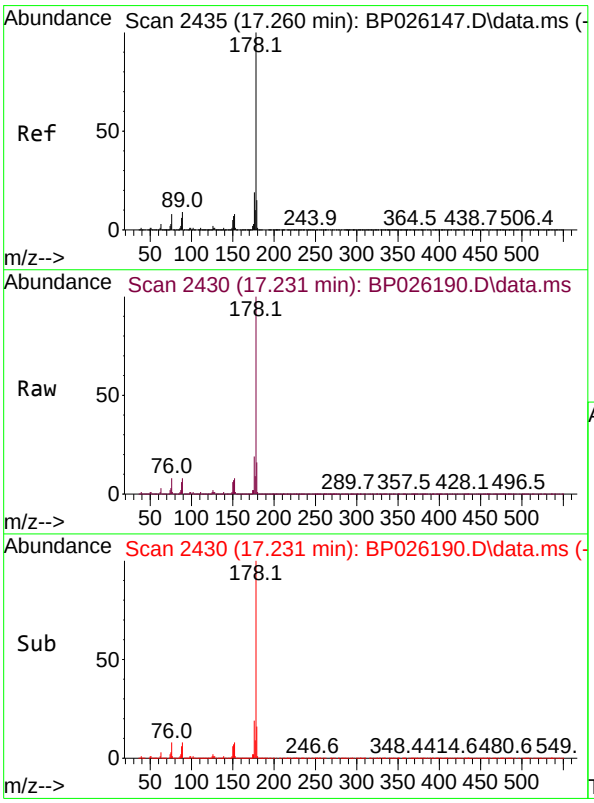

#71
Phenanthrene
Concen: 39.799 ng
RT: 17.142 min Scan# 24
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 3367094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.4 | 23.2 |
| 179 | 15.5 | 12.4 | 18.6 |

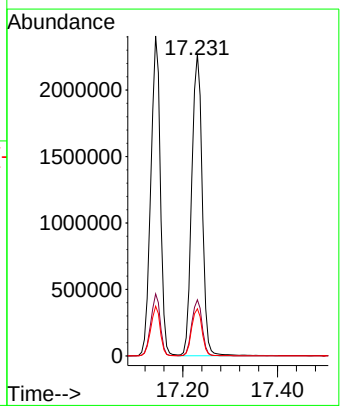


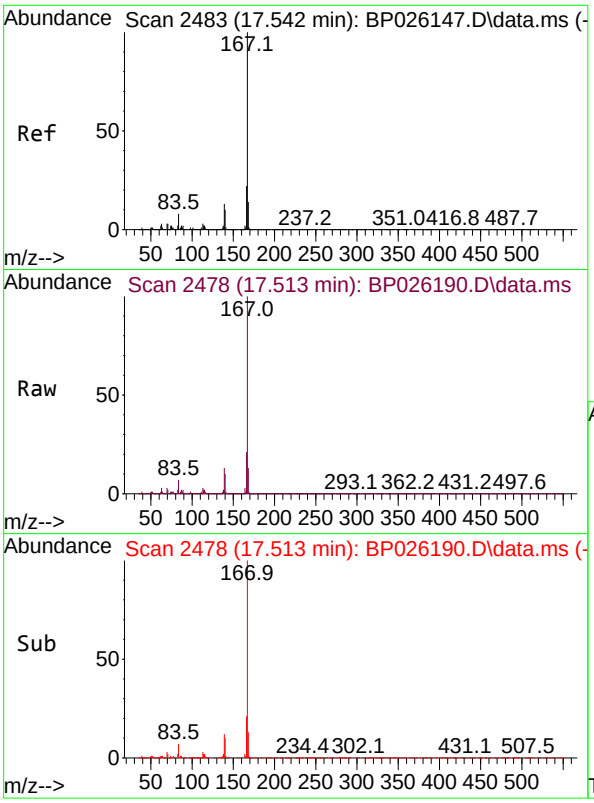




#72
Anthracene
Concen: 40.378 ng
RT: 17.231 min Scan# 2430
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:178 Resp: 3484195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |



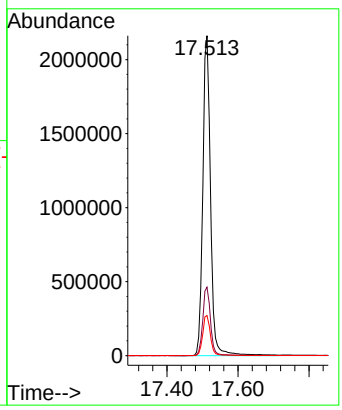


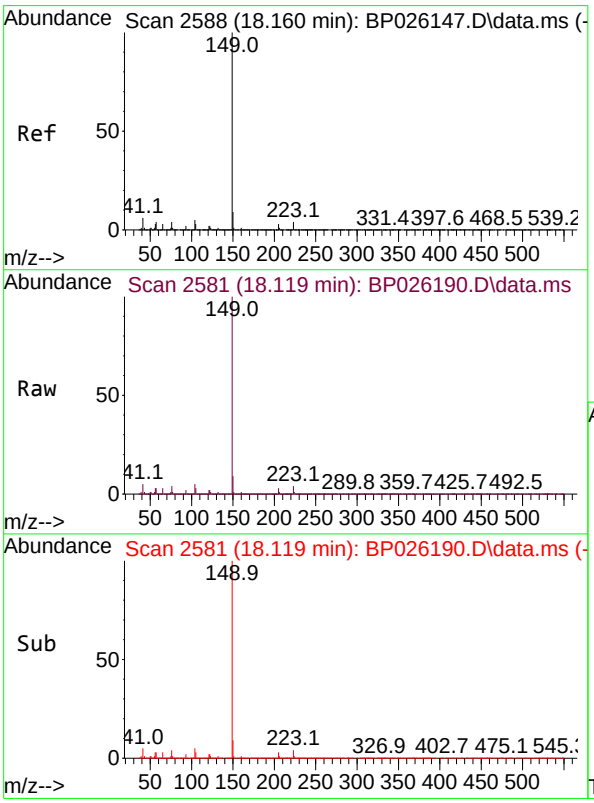

#73
Carbazole
Concen: 39.386 ng
RT: 17.513 min Scan# 24
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:167 Resp: 3227979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.1 | 25.7 |
| 139 | 12.5 | 10.2 | 15.4 |

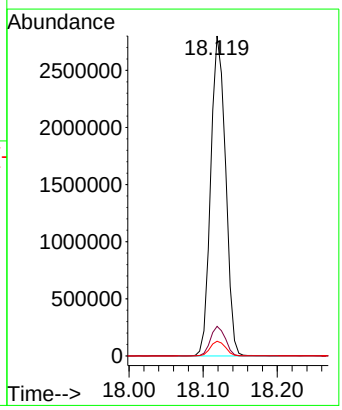


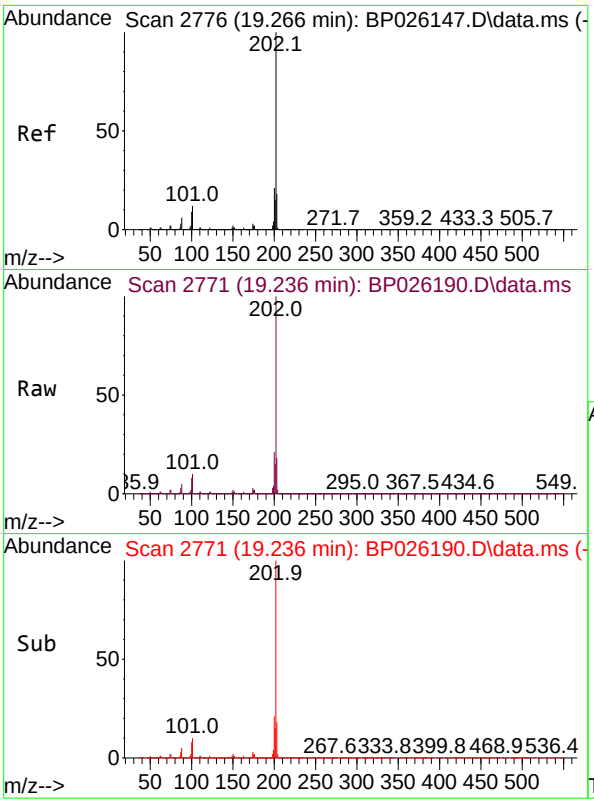




#74
Di-n-butylphthalate
Concen: 40.204 ng
RT: 18.119 min Scan# 2581
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:149 Resp: 3906329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.5 | 11.3 |
| 104 | 4.6 | 3.6 | 5.4 |



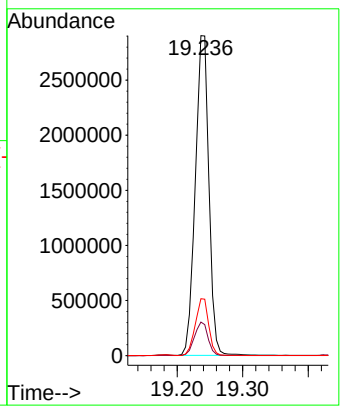


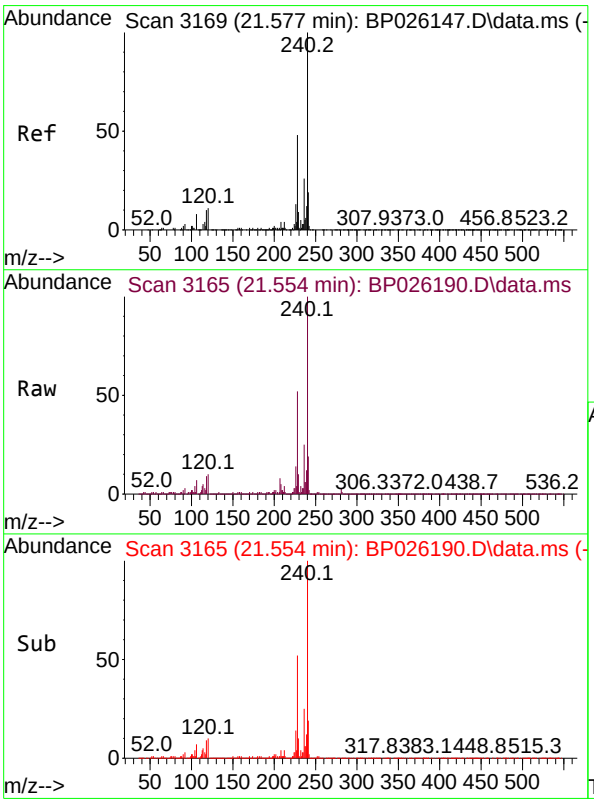

#75
Fluoranthene
Concen: 40.445 ng
RT: 19.236 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 4157376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.5 | 0.0 | 31.2 |
| 203 | 17.8 | 0.0 | 37.7 |

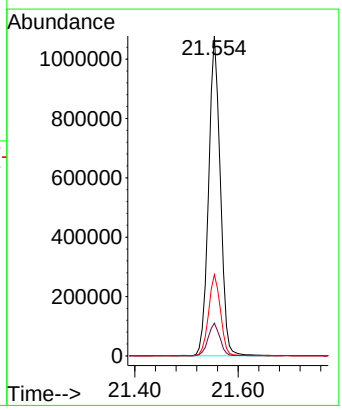


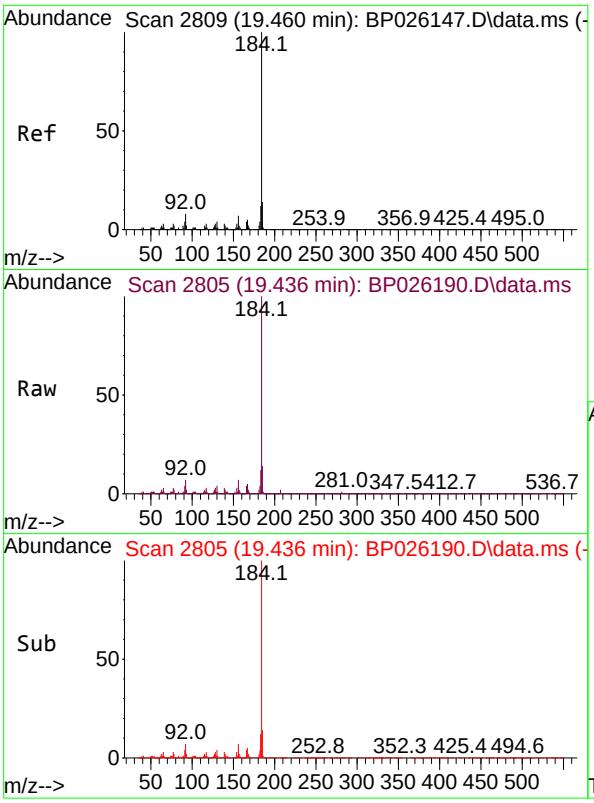




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:240 Resp: 1698646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 9.0 | 13.4 |
| 236 | 25.4 | 20.4 | 30.6 |



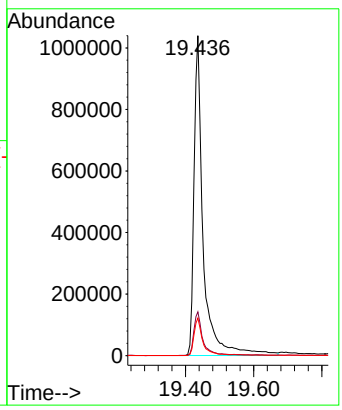


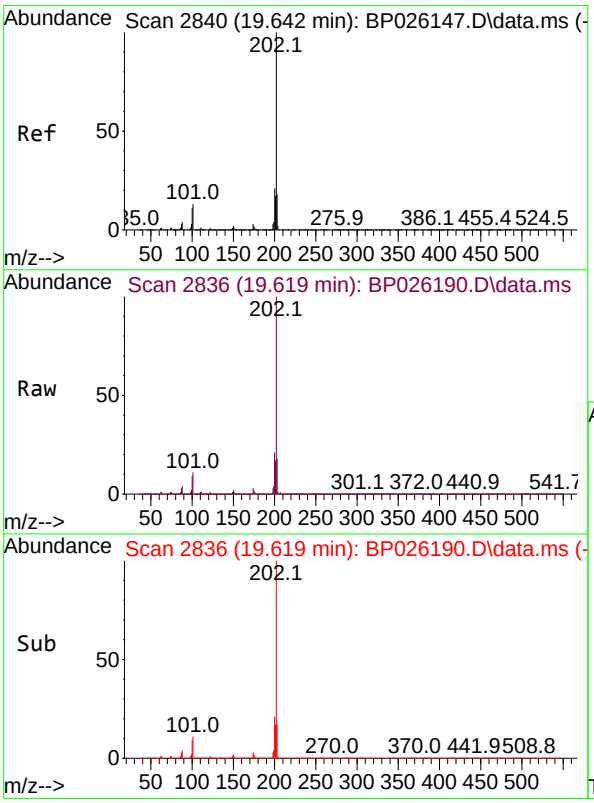

#77
Benzidine
Concen: 36.195 ng
RT: 19.436 min Scan# 28
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 1951189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.7 | 11.3 | 16.9 |
| 183 | 11.7 | 9.0 | 13.6 |

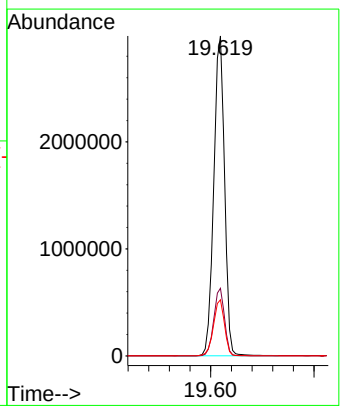


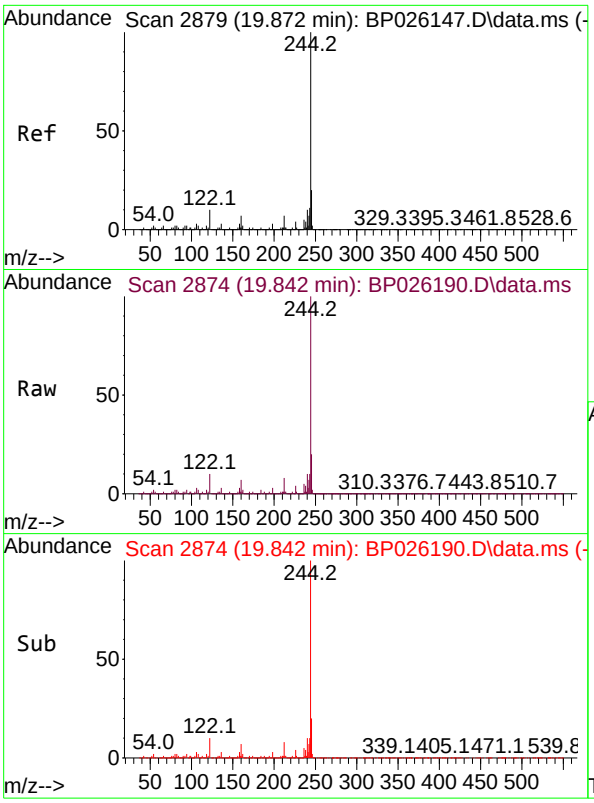




#78
Pyrene
Concen: 38.873 ng
RT: 19.619 min Scan# 2836
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:202 Resp: 4329577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 16.9 | 25.3 |
| 203 | 17.5 | 13.8 | 20.8 |



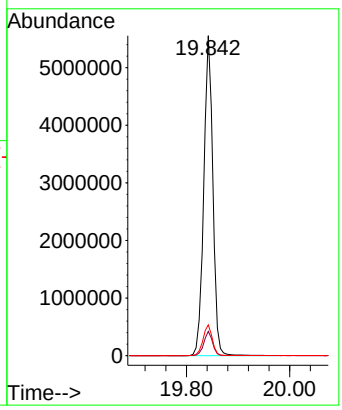


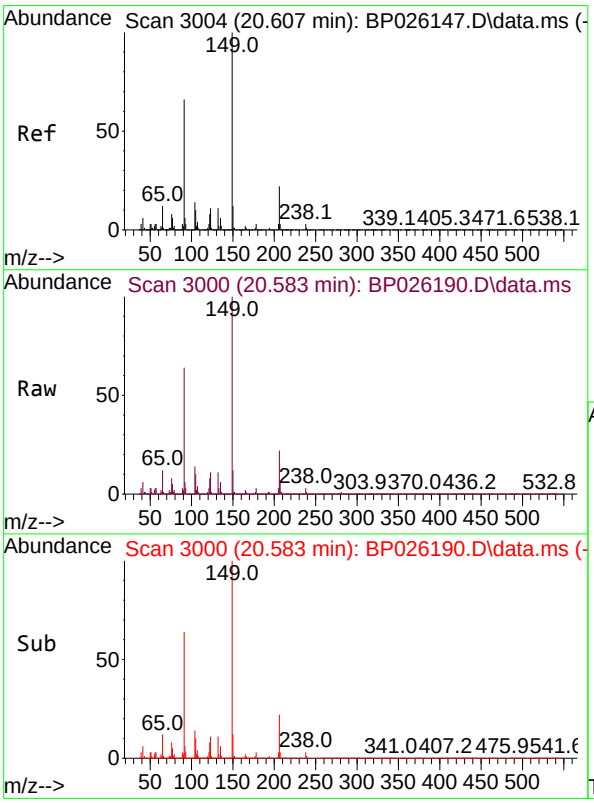

#79
Terphenyl-d14
Concen: 81.136 ng
RT: 19.842 min Scan# 28
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:244 Resp: 6759101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 5.8 | 8.8 |
| 122 | 9.6 | 8.2 | 12.2 |

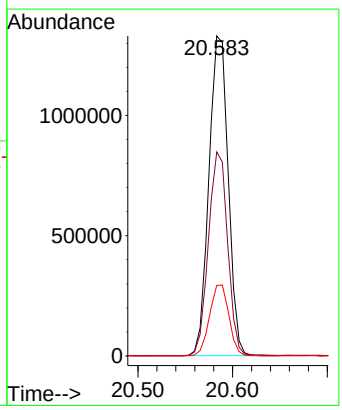


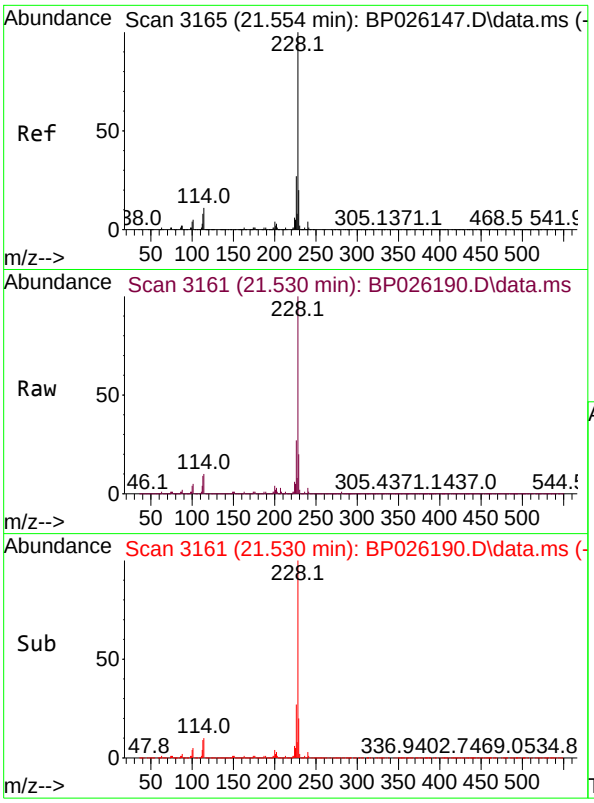




#80
Butylbenzylphthalate
Concen: 38.429 ng
RT: 20.583 min Scan# 3000
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:149 Resp: 1884921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.7 | 52.6 | 79.0 |
| 206 | 22.0 | 16.9 | 25.3 |



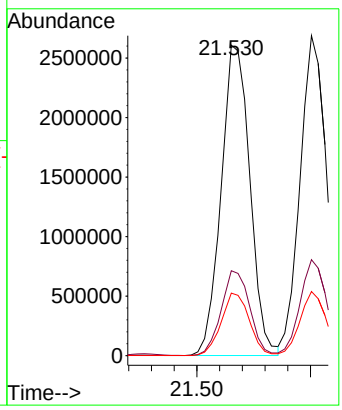


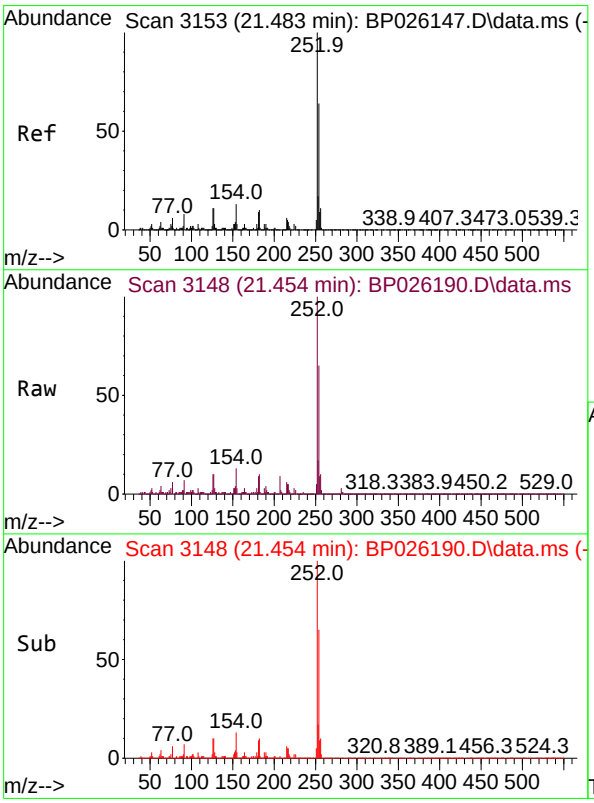

#81
Benzo(a)anthracene
Concen: 39.415 ng
RT: 21.530 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 4598164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.8 | 32.8 |
| 229 | 20.1 | 15.9 | 23.9 |

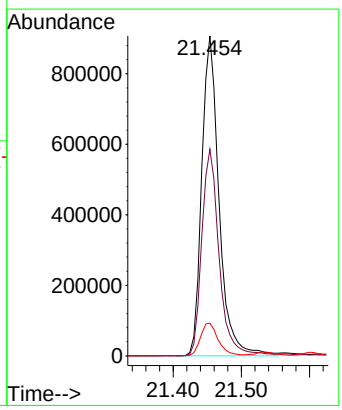


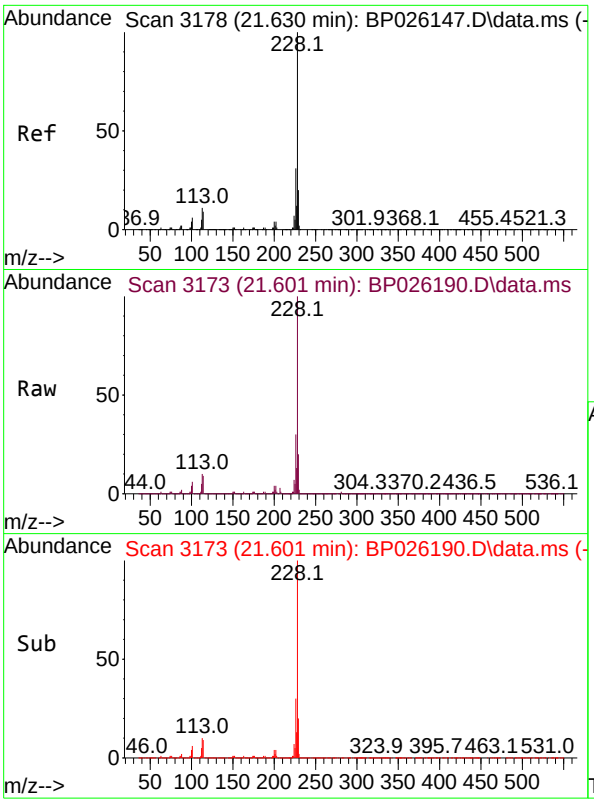




#82
3,3'-Dichlorobenzidine
Concen: 37.690 ng
RT: 21.454 min Scan# 3148
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:252 Resp: 1598958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.6 | 51.2 | 76.8 |
| 126 | 10.2 | 8.2 | 12.4 |



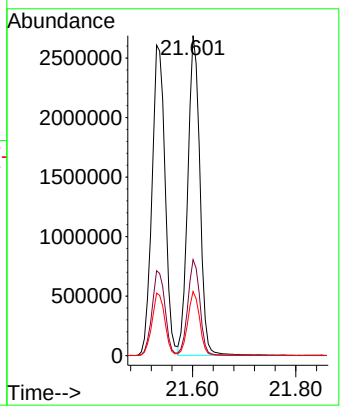


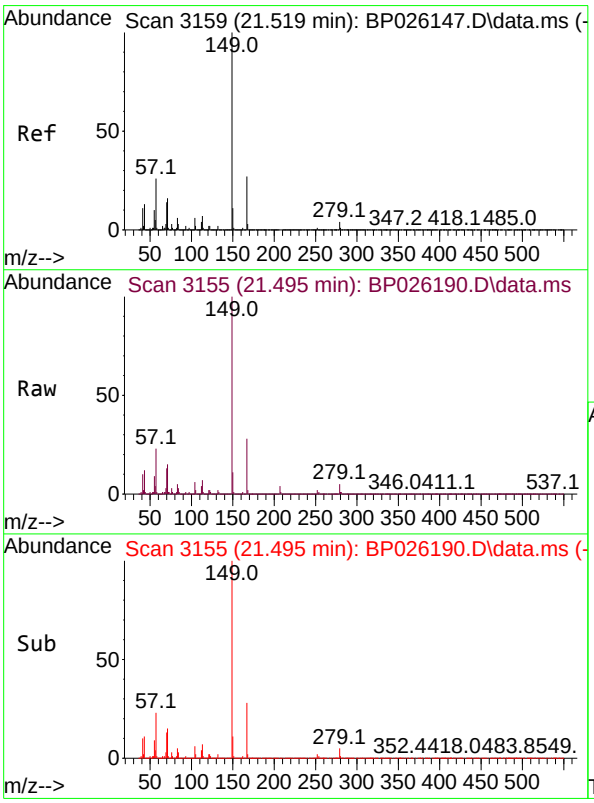

#83
Chrysene
Concen: 39.612 ng
RT: 21.601 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:228 Resp: 4355108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 23.9 | 35.9 |
| 229 | 20.0 | 15.9 | 23.9 |

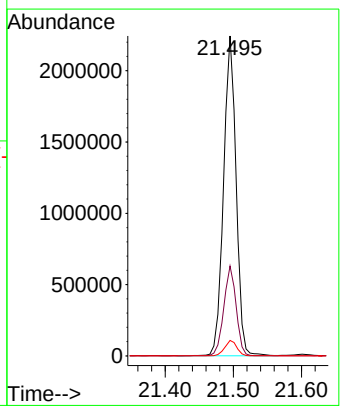


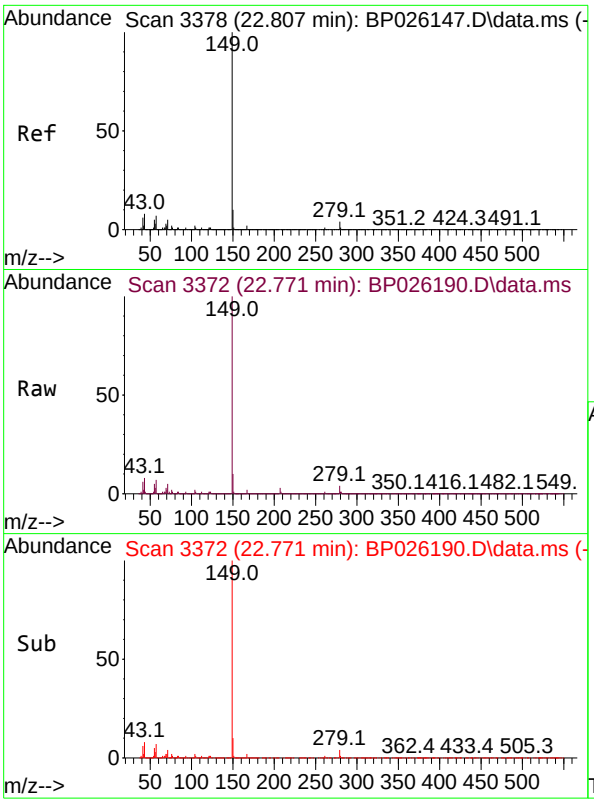




#84
Bis(2-ethylhexyl)phthalate
Concen: 38.312 ng
RT: 21.495 min Scan# 3155
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:149 Resp: 2844628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 22.1 | 33.1 |
| 279 | 4.8 | 3.3 | 4.9 |



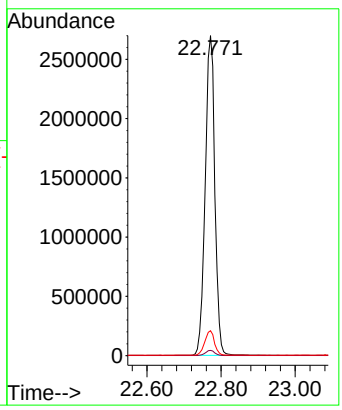


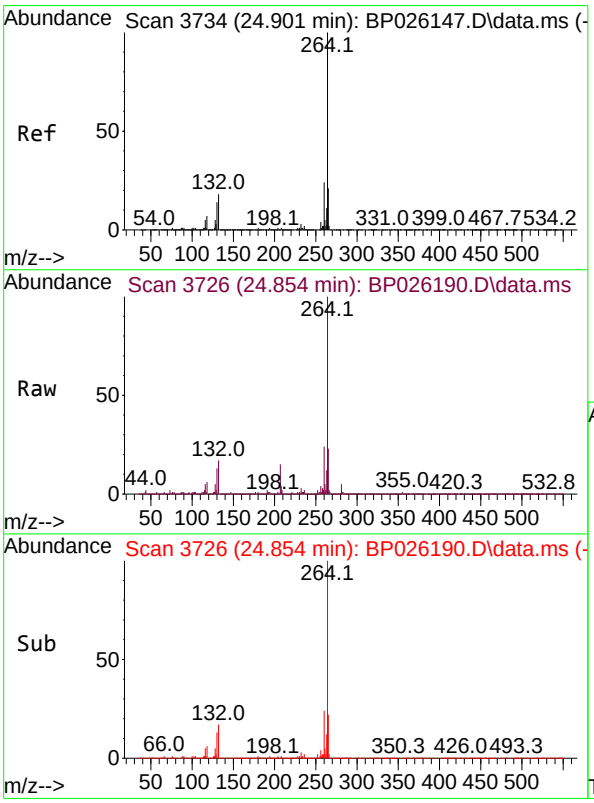

#85
Di-n-octyl phthalate
Concen: 37.427 ng
RT: 22.771 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 4859112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.6 | 6.6 | 10.0 |

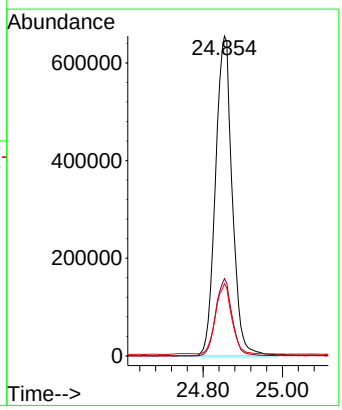


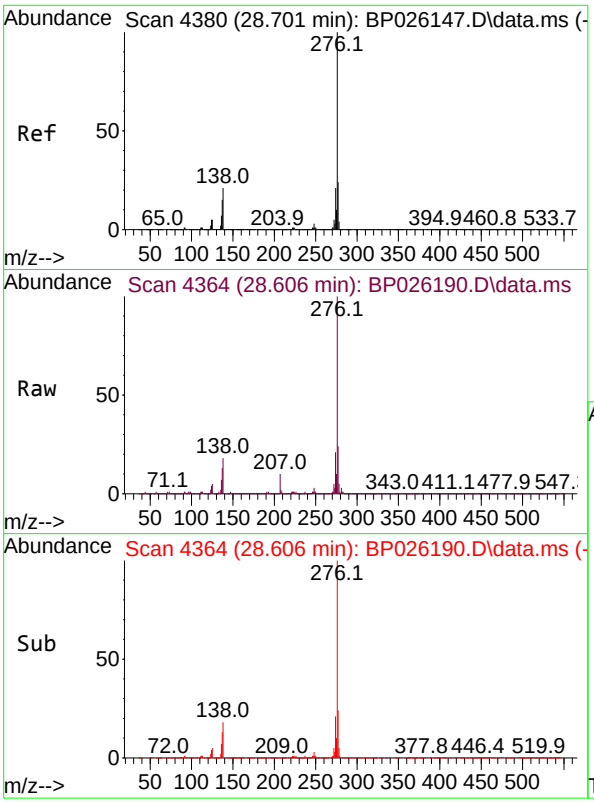




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.854 min Scan# 3726
Delta R.T. -0.053 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:264 Resp: 1917737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.7 | 28.1 |
| 265 | 22.6 | 17.5 | 26.3 |



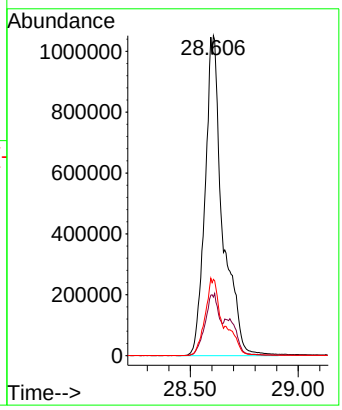


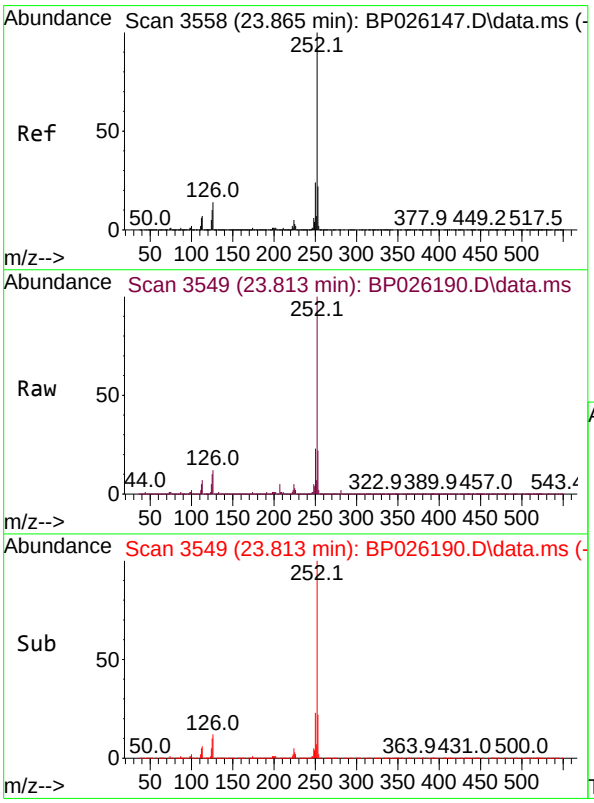

#87
Indeno(1,2,3-cd)pyrene
Concen: 41.575 ng
RT: 28.606 min Scan# 4
Delta R.T. -0.100 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 5979554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 15.5 | 13.8 | 20.8 |
| 277 | 25.2 | 16.7 | 25.1# |

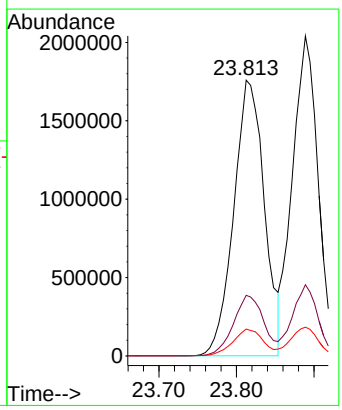


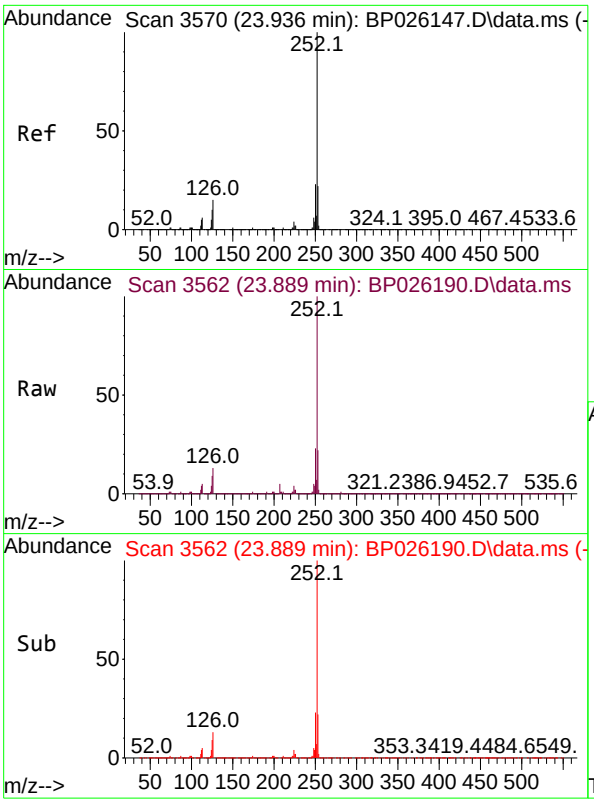




#88
Benzo(b)fluoranthene
Concen: 41.380 ng
RT: 23.813 min Scan# 3549
Delta R.T. -0.053 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:252 Resp: 4832663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 9.7 | 8.2 | 12.4 |



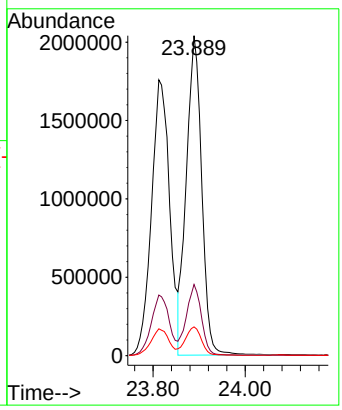


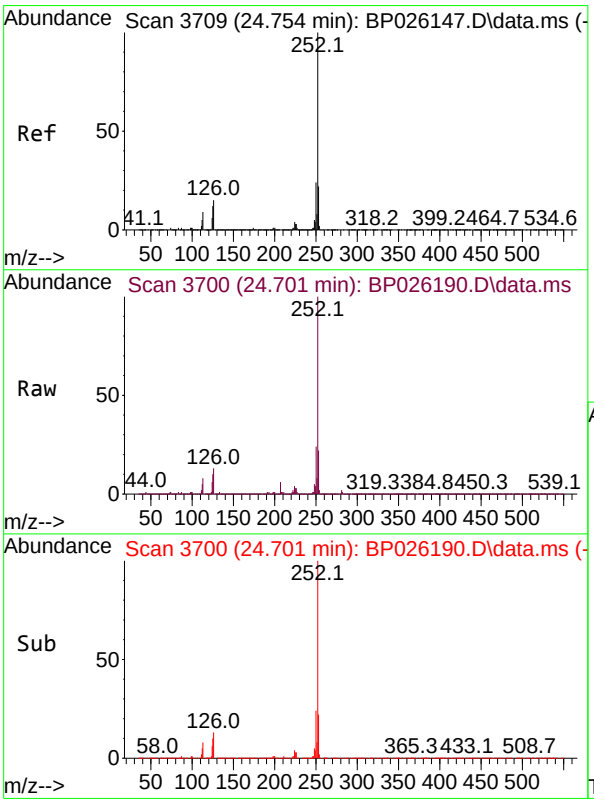

#89
Benzo(k)fluoranthene
Concen: 40.681 ng
RT: 23.889 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 4745420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.6 | 26.4 |
| 125 | 9.0 | 7.5 | 11.3 |

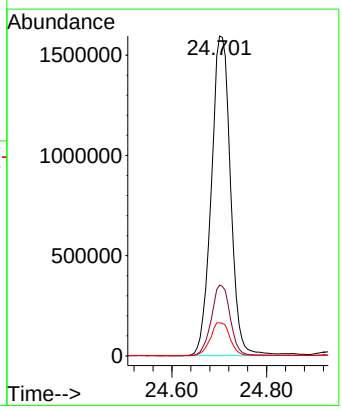


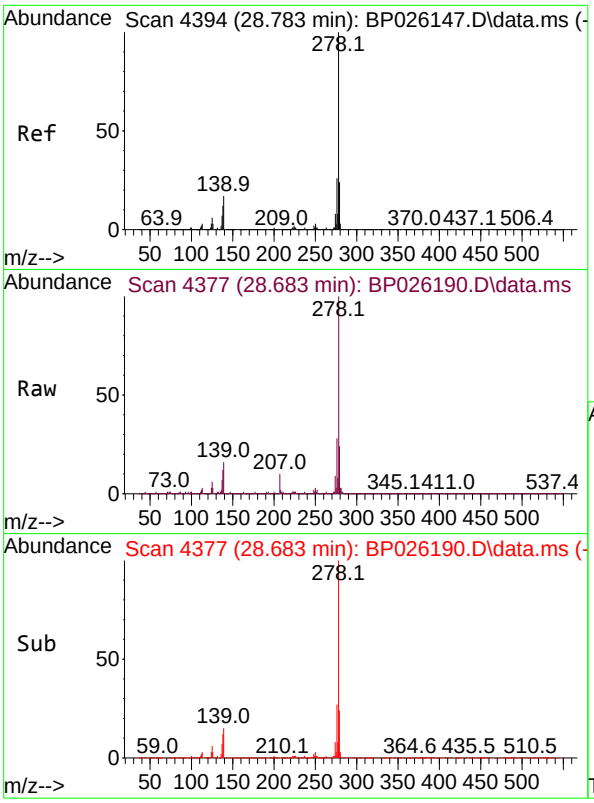




#90
Benzo(a)pyrene
Concen: 40.585 ng
RT: 24.701 min Scan# 3700
Delta R.T. -0.053 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:252 Resp: 4489730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.4 | 26.2 |
| 125 | 10.4 | 9.0 | 13.6 |



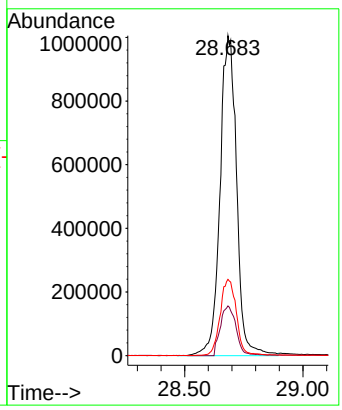


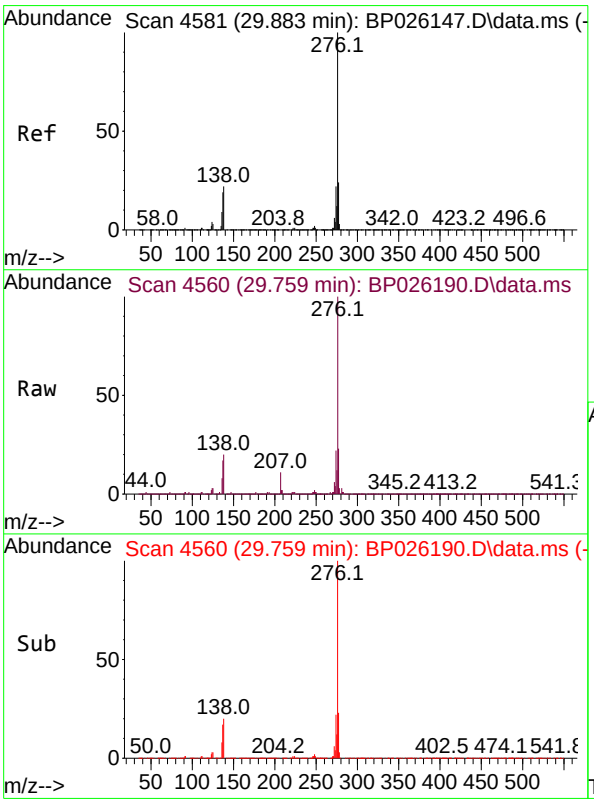

#91
Dibenzo(a,h)anthracene
Concen: 41.444 ng
RT: 28.683 min Scan# 4
Delta R.T. -0.112 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040

Tgt Ion:278 Resp: 4879387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.5 | 13.2 | 19.8 |
| 279 | 23.8 | 19.2 | 28.8 |

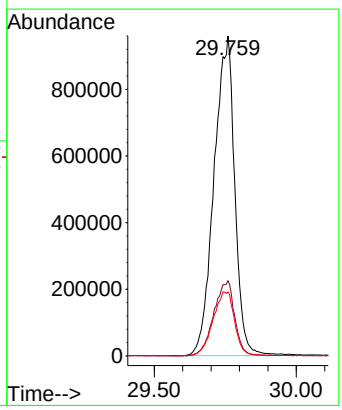



#92
Benzo(g,h,i)perylene
Concen: 41.449 ng
RT: 29.759 min Scan# 4560
Delta R.T. -0.123 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:276 Resp: 4850424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 18.8 | 28.2 |
| 138 | 20.0 | 17.8 | 26.6 |



Sample Results: **BP026190.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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 | 78 | 0.00 |
| 2 | | 1,4-Dioxane | 0.505 | 0.486 | 3.8 | 78 | 0.00 |
| 3 | | Pyridine | 1.461 | 1.358 | 7.0 | 73 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 0.546 | 0.500 | 8.4 | 72 | 0.00 |
| 5 | S | 2-Fluorophenol | 1.246 | 1.185 | 4.9 | 74 | 0.00 |
| 6 | | Aniline | 2.094 | 1.972 | 5.8 | 73 | 0.00 |
| 7 | S | Phenol-d6 | 1.586 | 1.536 | 3.2 | 74 | -0.01 |
| 8 | | 2-Chlorophenol | 1.418 | 1.403 | 1.1 | 77 | 0.00 |
| 9 | | Benzaldehyde | 0.831 | 0.859 | -3.4 | 73 | 0.00 |
| 10 | C | Phenol | 1.709 | 1.640 | 4.0 | 73 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 1.338 | 1.296 | 3.1 | 74 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 1.528 | 1.553 | -1.6 | 80 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 1.540 | 1.553 | -0.8 | 79 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 1.479 | 1.494 | -1.0 | 79 | 0.00 |
| 15 | | Benzyl Alcohol | 1.162 | 1.091 | 6.1 | 72 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 1.879 | 1.787 | 4.9 | 73 | -0.01 |
| 17 | | 2-Methylphenol | 1.163 | 1.142 | 1.8 | 75 | -0.01 |
| 18 | | Hexachloroethane | 0.560 | 0.561 | -0.2 | 78 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 0.985 | 0.970 | 1.5 | 74 | -0.01 |
| 20 | | 3+4-Methylphenols | 1.612 | 1.555 | 3.5 | 75 | -0.01 |
| 21 | I | Naphthalene-d8 | 1.000 | 1.000 | 0.0 | 78 | -0.02 |
| 22 | | Acetophenone | 0.508 | 0.495 | 2.6 | 76 | -0.01 |
| 23 | S | Nitrobenzene-d5 | 0.352 | 0.339 | 3.7 | 74 | -0.01 |
| 24 | | Nitrobenzene | 0.356 | 0.345 | 3.1 | 74 | -0.01 |
| 25 | | Isophorone | 0.698 | 0.678 | 2.9 | 74 | -0.02 |
| 26 | C | 2-Nitrophenol | 0.180 | 0.178 | 1.1 | 73 | -0.02 |
| 27 | | 2,4-Dimethylphenol | 0.325 | 0.288 | 11.4 | 68 | -0.01 |
| 28 | | bis(2-Chloroethoxy)methane | 0.437 | 0.417 | 4.6 | 74 | -0.02 |
| 29 | C | 2,4-Dichlorophenol | 0.325 | 0.327 | -0.6 | 77 | -0.02 |
| 30 | | 1,2,4-Trichlorobenzene | 0.331 | 0.339 | -2.4 | 80 | -0.02 |
| 31 | | Naphthalene | 1.081 | 1.077 | 0.4 | 78 | -0.02 |
| 32 | | Benzoic acid | 0.274 | 0.232 | 15.3 | 65 | -0.02 |
| 33 | | 4-Chloroaniline | 0.460 | 0.444 | 3.5 | 73 | -0.02 |
| 34 | C | Hexachlorobutadiene | 0.215 | 0.224 | -4.2 | 81 | -0.02 |
| 35 | | Caprolactam | 0.116 | 0.113 | 2.6 | 74 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 0.345 | 0.343 | 0.6 | 75 | -0.02 |
| 37 | | 2-Methylnaphthalene | 0.766 | 0.774 | -1.0 | 78 | -0.02 |
| 38 | | 1-Methylnaphthalene | 0.749 | 0.754 | -0.7 | 77 | -0.02 |
| 39 | I | Acenaphthene-d10 | 1.000 | 1.000 | 0.0 | 78 | -0.04 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 0.605 | 0.618 | -2.1 | 81 | -0.02 |
| 41 | P | Hexachlorocyclopentadiene | 0.396 | 0.331 | 16.4 | 65 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 0.259 | 0.283 | -9.3 | 84 | -0.04 |
| 43 | C | 2,4,6-Trichlorophenol | 0.415 | 0.419 | -1.0 | 78 | -0.02 |
| 44 | | 2,4,5-Trichlorophenol | 0.463 | 0.476 | -2.8 | 80 | -0.02 |
| 45 | S | 2-Fluorobiphenyl | 1.365 | 1.389 | -1.8 | 81 | -0.03 |
| 46 | | 1,1'-Biphenyl | 1.506 | 1.486 | 1.3 | 78 | -0.02 |
| 47 | | 2-Chloronaphthalene | 1.184 | 1.166 | 1.5 | 78 | -0.03 |

Sample Results: **BP026190.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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 | 0.329 | 0.309 | 6.1 | 72 | -0.03 |
| 49 | | Acenaphthylene | 1.953 | 1.945 | 0.4 | 78 | -0.03 |
| 50 | | Dimethylphthalate | 1.494 | 1.484 | 0.7 | 78 | -0.03 |
| 51 | | 2,6-Dinitrotoluene | 0.296 | 0.306 | -3.4 | 76 | -0.03 |
| 52 | C | Acenaphthene | 1.145 | 1.138 | 0.6 | 78 | -0.03 |
| 53 | | 3-Nitroaniline | 0.349 | 0.335 | 4.0 | 72 | -0.03 |
| 54 | P | 2,4-Dinitrophenol | 0.179 | 0.172 | 3.9 | 72 | -0.04 |
| 55 | | Dibenzofuran | 1.773 | 1.797 | -1.4 | 80 | -0.03 |
| 56 | P | 4-Nitrophenol | 0.315 | 0.287 | 8.9 | 71 | -0.04 |
| 57 | | 2,4-Dinitrotoluene | 0.442 | 0.457 | -3.4 | 76 | -0.04 |
| 58 | | Fluorene | 1.401 | 1.433 | -2.3 | 81 | -0.04 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 0.393 | 0.409 | -4.1 | 80 | -0.04 |
| 60 | | Diethylphthalate | 1.505 | 1.489 | 1.1 | 77 | -0.04 |
| 61 | | 4-Chlorophenyl-phenylether | 0.697 | 0.717 | -2.9 | 81 | -0.04 |
| 62 | | 4-Nitroaniline | 0.362 | 0.337 | 6.9 | 72 | -0.03 |
| 63 | | Azobenzene | 1.269 | 1.234 | 2.8 | 75 | -0.04 |
| 64 | I | Phenanthrene-d10 | 1.000 | 1.000 | 0.0 | 80 | -0.04 |
| 65 | | 4,6-Dinitro-2-methylphenol | 0.127 | 0.125 | 1.6 | 75 | -0.04 |
| 66 | c | n-Nitrosodiphenylamine | 0.619 | 0.613 | 1.0 | 79 | -0.04 |
| 67 | | 4-Bromophenyl-phenylether | 0.221 | 0.229 | -3.6 | 80 | -0.04 |
| 68 | | Hexachlorobenzene | 0.257 | 0.267 | -3.9 | 81 | -0.04 |
| 69 | | Atrazine | 0.233 | 0.229 | 1.7 | 77 | -0.04 |
| 70 | C | Pentachlorophenol | 0.180 | 0.185 | -2.8 | 81 | -0.04 |
| 71 | | Phenanthrene | 1.127 | 1.121 | 0.5 | 80 | -0.04 |
| 72 | | Anthracene | 1.149 | 1.160 | -1.0 | 79 | -0.04 |
| 73 | | Carbazole | 1.091 | 1.075 | 1.5 | 78 | -0.03 |
| 74 | | Di-n-butylphthalate | 1.294 | 1.301 | -0.5 | 77 | -0.04 |
| 75 | C | Fluoranthene | 1.369 | 1.384 | -1.1 | 81 | -0.03 |
| 76 | I | Chrysene-d12 | 1.000 | 1.000 | 0.0 | 85 | -0.02 |
| 77 | | Benzidine | 0.635 | 0.574 | 9.6 | 79 | -0.03 |
| 78 | | Pyrene | 1.311 | 1.274 | 2.8 | 81 | -0.02 |
| 79 | S | Terphenyl-d14 | 0.981 | 0.995 | -1.4 | 85 | -0.03 |
| 80 | | Butylbenzylphthalate | 0.578 | 0.555 | 4.0 | 78 | -0.02 |
| 81 | | Benzo(a)anthracene | 1.374 | 1.353 | 1.5 | 84 | -0.02 |
| 82 | | 3,3'-Dichlorobenzidine | 0.500 | 0.471 | 5.8 | 80 | -0.04 |
| 83 | | Chrysene | 1.295 | 1.282 | 1.0 | 85 | -0.02 |
| 84 | | Bis(2-ethylhexyl)phthalate | 0.874 | 0.837 | 4.2 | 76 | -0.02 |
| 85 | c | Di-n-octyl phthalate | 1.529 | 1.430 | 6.5 | 77 | -0.04 |
| 86 | I | Perylene-d12 | 1.000 | 1.000 | 0.0 | 85 | -0.05 |
| 87 | | Indeno(1,2,3-cd)pyrene | 1.500 | 1.559 | -3.9 | 88 | -0.10 |
| 88 | | Benzo(b)fluoranthene | 1.218 | 1.260 | -3.4 | 87 | -0.05 |
| 89 | | Benzo(k)fluoranthene | 1.217 | 1.237 | -1.6 | 87 | -0.05 |
| 90 | C | Benzo(a)pyrene | 1.154 | 1.171 | -1.5 | 86 | -0.05 |
| 91 | | Dibenzo(a,h)anthracene | 1.228 | 1.272 | -3.6 | 88 | -0.11 |
| 92 | | Benzo(g,h,i)perylene | 1.220 | 1.265 | -3.7 | 88 | -0.12 |

Sample Results: **BP026190.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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

Sample Results: **BP026190.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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 | 78 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 38.474 | 3.8 | 78 | 0.00 |
| 3 | | Pyridine | 40.000 | 37.182 | 7.0 | 73 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 36.645 | 8.4 | 72 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 76.074 | 4.9 | 74 | 0.00 |
| 6 | | Aniline | 40.000 | 37.655 | 5.9 | 73 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 77.469 | 3.2 | 74 | -0.01 |
| 8 | | 2-Chlorophenol | 40.000 | 39.566 | 1.1 | 77 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 41.356 | -3.4 | 73 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.377 | 4.1 | 73 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 38.745 | 3.1 | 74 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.666 | -1.7 | 80 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.343 | -0.9 | 79 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 40.425 | -1.1 | 79 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 37.562 | 6.1 | 72 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.036 | 4.9 | 73 | -0.01 |
| 17 | | 2-Methylphenol | 40.000 | 39.275 | 1.8 | 75 | -0.01 |
| 18 | | Hexachloroethane | 40.000 | 40.088 | -0.2 | 78 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 39.388 | 1.5 | 74 | -0.01 |
| 20 | | 3+4-Methylphenols | 40.000 | 38.595 | 3.5 | 75 | -0.01 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 78 | -0.02 |
| 22 | | Acetophenone | 40.000 | 38.955 | 2.6 | 76 | -0.01 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 77.009 | 3.7 | 74 | -0.01 |
| 24 | | Nitrobenzene | 40.000 | 38.737 | 3.2 | 74 | -0.01 |
| 25 | | Isophorone | 40.000 | 38.843 | 2.9 | 74 | -0.02 |
| 26 | C | 2-Nitrophenol | 40.000 | 39.520 | 1.2 | 73 | -0.02 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 35.401 | 11.5 | 68 | -0.01 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.166 | 4.6 | 74 | -0.02 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.248 | -0.6 | 77 | -0.02 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 40.970 | -2.4 | 80 | -0.02 |
| 31 | | Naphthalene | 40.000 | 39.846 | 0.4 | 78 | -0.02 |
| 32 | | Benzoic acid | 40.000 | 33.881 | 15.3 | 65 | -0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 38.647 | 3.4 | 73 | -0.02 |
| 34 | C | Hexachlorobutadiene | 40.000 | 41.656 | -4.1 | 81 | -0.02 |
| 35 | | Caprolactam | 40.000 | 38.718 | 3.2 | 74 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 39.714 | 0.7 | 75 | -0.02 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.411 | -1.0 | 78 | -0.02 |
| 38 | | 1-Methylnaphthalene | 40.000 | 40.272 | -0.7 | 77 | -0.02 |
| 39 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 78 | -0.04 |
| 40 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.855 | -2.1 | 81 | -0.02 |
| 41 | P | Hexachlorocyclopentadiene | 40.000 | 33.460 | 16.3 | 65 | -0.02 |
| 42 | S | 2,4,6-Tribromophenol | 80.000 | 87.271 | -9.1 | 84 | -0.04 |
| 43 | C | 2,4,6-Trichlorophenol | 40.000 | 40.449 | -1.1 | 78 | -0.02 |
| 44 | | 2,4,5-Trichlorophenol | 40.000 | 41.124 | -2.8 | 80 | -0.02 |
| 45 | S | 2-Fluorobiphenyl | 80.000 | 81.419 | -1.8 | 81 | -0.03 |
| 46 | | 1,1'-Biphenyl | 40.000 | 39.470 | 1.3 | 78 | -0.02 |
| 47 | | 2-Chloronaphthalene | 40.000 | 39.383 | 1.5 | 78 | -0.03 |

Sample Results: **BP026190.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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 | 37.522 | 6.2 | 72 | -0.03 |
| 49 | | Acenaphthylene | 40.000 | 39.825 | 0.4 | 78 | -0.03 |
| 50 | | Dimethylphthalate | 40.000 | 39.727 | 0.7 | 78 | -0.03 |
| 51 | | 2,6-Dinitrotoluene | 40.000 | 41.338 | -3.3 | 76 | -0.03 |
| 52 | C | Acenaphthene | 40.000 | 39.764 | 0.6 | 78 | -0.03 |
| 53 | | 3-Nitroaniline | 40.000 | 38.439 | 3.9 | 72 | -0.03 |
| 54 | P | 2,4-Dinitrophenol | 40.000 | 38.476 | 3.8 | 72 | -0.04 |
| 55 | | Dibenzofuran | 40.000 | 40.551 | -1.4 | 80 | -0.03 |
| 56 | P | 4-Nitrophenol | 40.000 | 36.400 | 9.0 | 71 | -0.04 |
| 57 | | 2,4-Dinitrotoluene | 40.000 | 41.321 | -3.3 | 76 | -0.04 |
| 58 | | Fluorene | 40.000 | 40.906 | -2.3 | 81 | -0.04 |
| 59 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.708 | -4.3 | 80 | -0.04 |
| 60 | | Diethylphthalate | 40.000 | 39.588 | 1.0 | 77 | -0.04 |
| 61 | | 4-Chlorophenyl-phenylether | 40.000 | 41.145 | -2.9 | 81 | -0.04 |
| 62 | | 4-Nitroaniline | 40.000 | 37.250 | 6.9 | 72 | -0.03 |
| 63 | | Azobenzene | 40.000 | 38.915 | 2.7 | 75 | -0.04 |
| 64 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 80 | -0.04 |
| 65 | | 4,6-Dinitro-2-methylphenol | 40.000 | 39.438 | 1.4 | 75 | -0.04 |
| 66 | c | n-Nitrosodiphenylamine | 40.000 | 39.653 | 0.9 | 79 | -0.04 |
| 67 | | 4-Bromophenyl-phenylether | 40.000 | 41.382 | -3.5 | 80 | -0.04 |
| 68 | | Hexachlorobenzene | 40.000 | 41.599 | -4.0 | 81 | -0.04 |
| 69 | | Atrazine | 40.000 | 39.304 | 1.7 | 77 | -0.04 |
| 70 | C | Pentachlorophenol | 40.000 | 41.163 | -2.9 | 81 | -0.04 |
| 71 | | Phenanthrene | 40.000 | 39.799 | 0.5 | 80 | -0.04 |
| 72 | | Anthracene | 40.000 | 40.378 | -0.9 | 79 | -0.04 |
| 73 | | Carbazole | 40.000 | 39.386 | 1.5 | 78 | -0.03 |
| 74 | | Di-n-butylphthalate | 40.000 | 40.204 | -0.5 | 77 | -0.04 |
| 75 | C | Fluoranthene | 40.000 | 40.445 | -1.1 | 81 | -0.03 |
| 76 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 85 | -0.02 |
| 77 | | Benzidine | 40.000 | 36.195 | 9.5 | 79 | -0.03 |
| 78 | | Pyrene | 40.000 | 38.873 | 2.8 | 81 | -0.02 |
| 79 | S | Terphenyl-d14 | 80.000 | 81.136 | -1.4 | 85 | -0.03 |
| 80 | | Butylbenzylphthalate | 40.000 | 38.429 | 3.9 | 78 | -0.02 |
| 81 | | Benzo(a)anthracene | 40.000 | 39.415 | 1.5 | 84 | -0.02 |
| 82 | | 3,3'-Dichlorobenzidine | 40.000 | 37.690 | 5.8 | 80 | -0.04 |
| 83 | | Chrysene | 40.000 | 39.612 | 1.0 | 85 | -0.02 |
| 84 | | Bis(2-ethylhexyl)phthalate | 40.000 | 38.312 | 4.2 | 76 | -0.02 |
| 85 | c | Di-n-octyl phthalate | 40.000 | 37.427 | 6.4 | 77 | -0.04 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 85 | -0.05 |
| 87 | | Indeno(1,2,3-cd)pyrene | 40.000 | 41.575 | -3.9 | 88 | -0.10 |
| 88 | | Benzo(b)fluoranthene | 40.000 | 41.380 | -3.5 | 87 | -0.05 |
| 89 | | Benzo(k)fluoranthene | 40.000 | 40.681 | -1.7 | 87 | -0.05 |
| 90 | C | Benzo(a)pyrene | 40.000 | 40.585 | -1.5 | 86 | -0.05 |
| 91 | | Dibenzo(a,h)anthracene | 40.000 | 41.444 | -3.6 | 88 | -0.11 |
| 92 | | Benzo(g,h,i)perylene | 40.000 | 41.449 | -3.6 | 88 | -0.12 |

Sample Results: **BP026190.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**LabSampleId :**
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 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

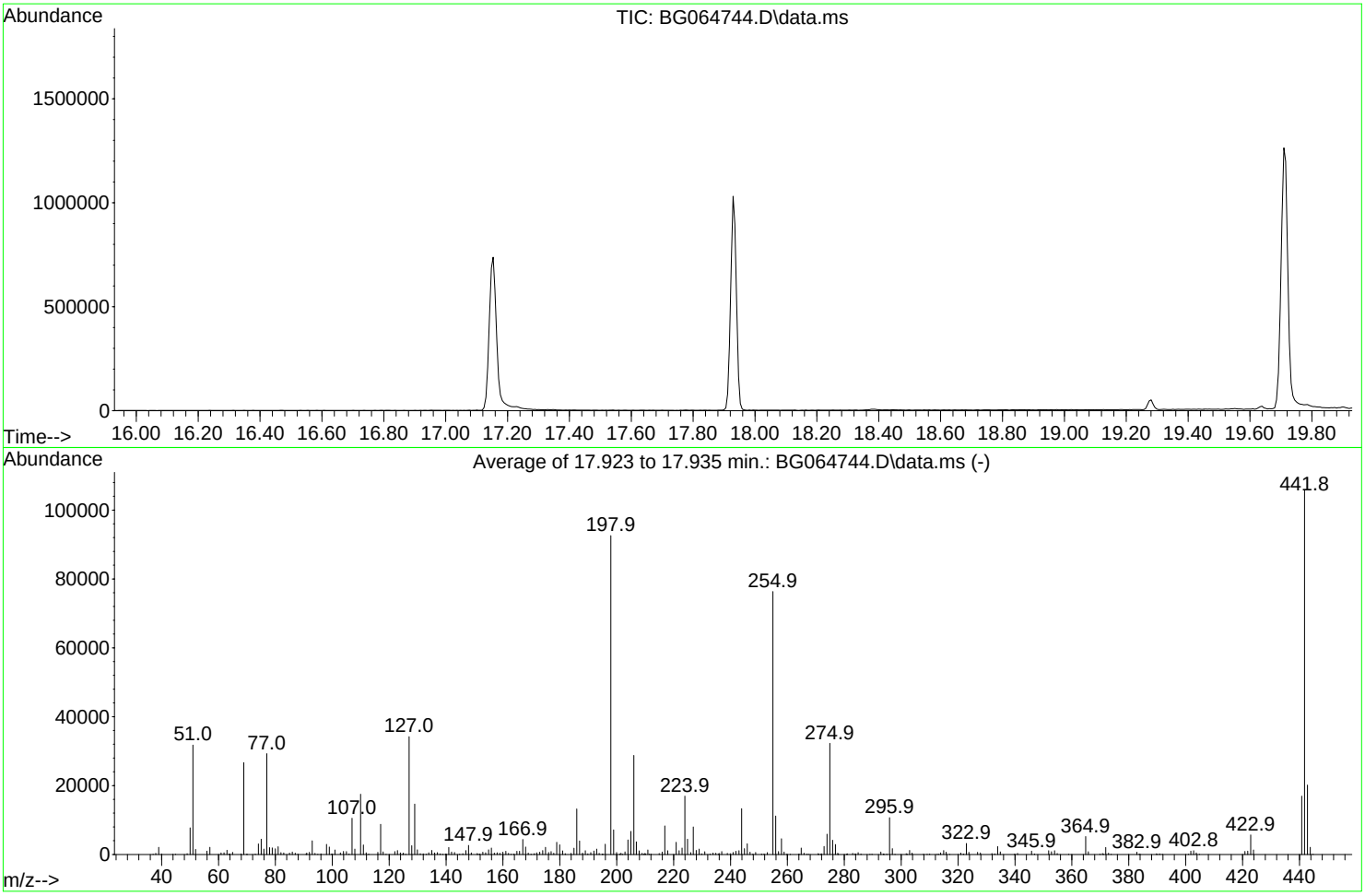
Sample Results: **BG064744.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064744.D
Acq On : 12 Nov 2025 10:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 12 17:10:56 2025




AutoFind: Scans 2525, 2526, 2527; Background Corrected with Scan 2519

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 0.6 | 163 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 26656 | PASS |
| 70 | 69 | 0.00 | 2 | 0.2 | 66 | PASS |
| 197 | 198 | 0.00 | 2 | 0.0 | 0 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 92589 | PASS |
| 199 | 198 | 5 | 9 | 7.7 | 7122 | PASS |
| 365 | 198 | 1 | 100 | 5.6 | 5213 | PASS |
| 441 | 443 | 0.01 | 150 | 84.2 | 16956 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 105680 | PASS |
| 443 | 442 | 15 | 24 | 19.1 | 20135 | PASS |

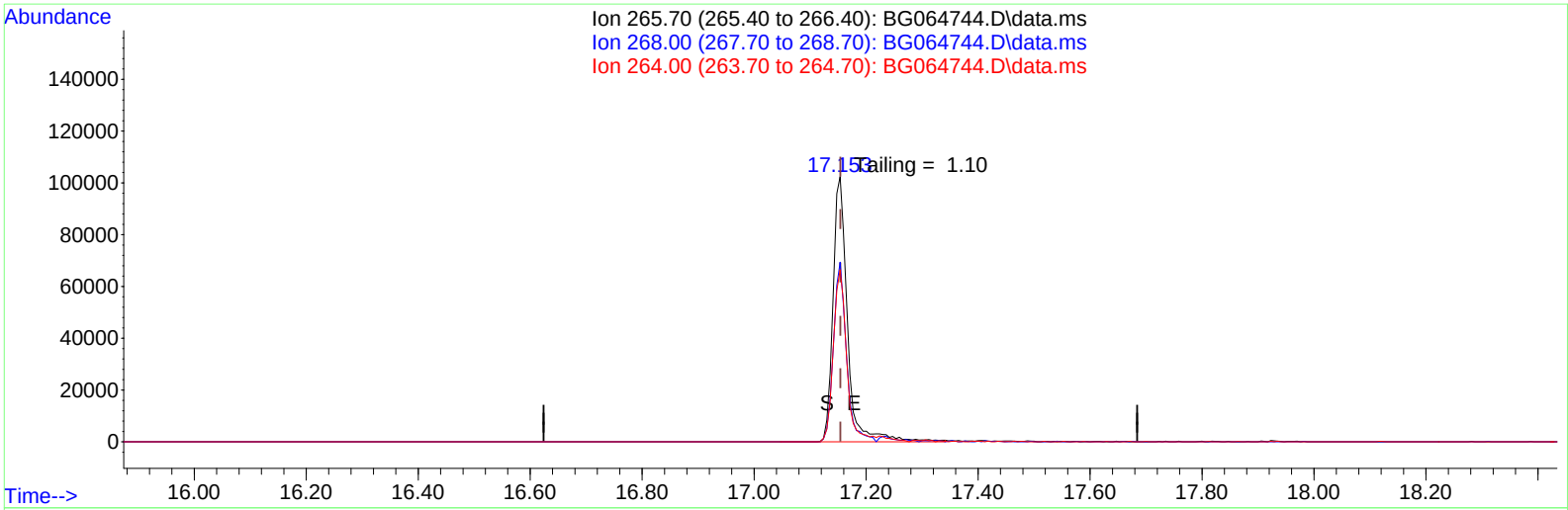
Quantitation Report (Qedit)

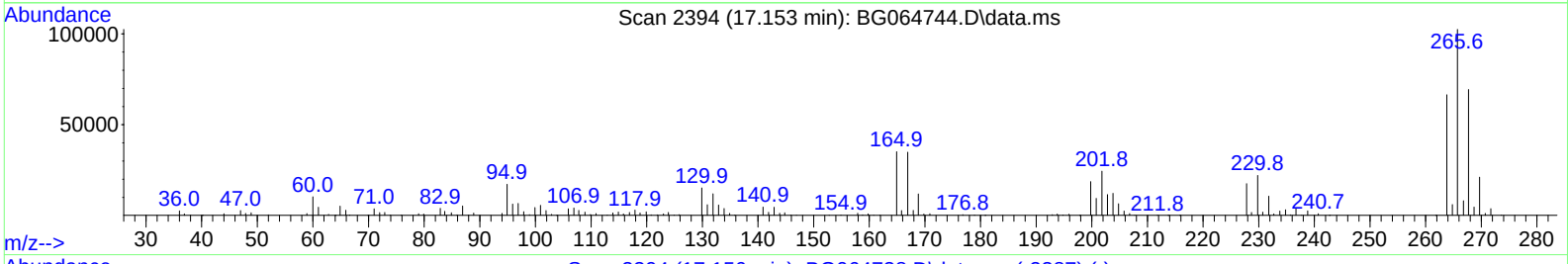
Sample Results: **BG064744.D**

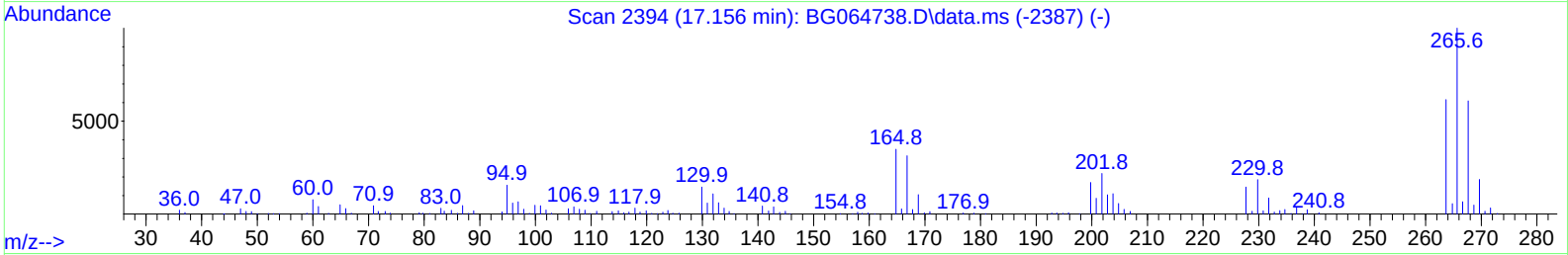
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064744.D
Acq On : 12 Nov 2025 10:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DFTPP

Quant Time: Nov 12 11:53:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 01:10:41 2025
Response via : Initial Calibration




TIC: BG064744.D\data.ms

**(70) Pentachlorophenol (C)**

**17.153min (-0.001) 31332.04 ng**

**response 182303**

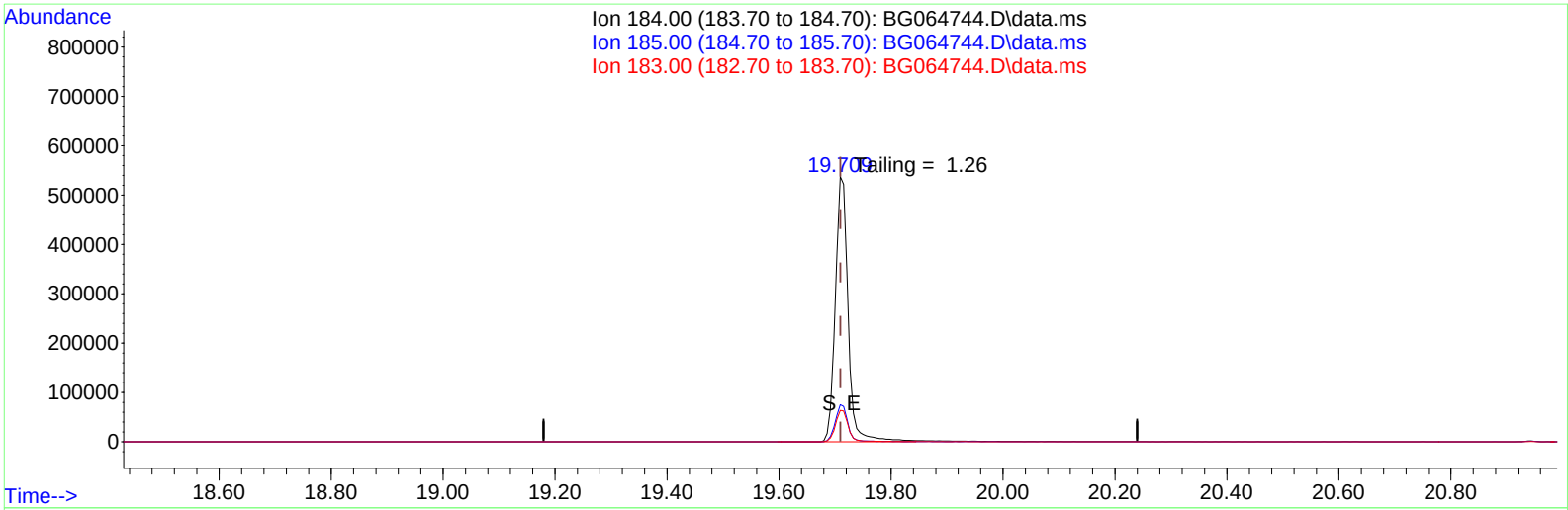
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 65.80 | 72.31 |
| 264.00 | 61.60 | 64.88 |
| 0.00 | 0.00 | 0.00 |

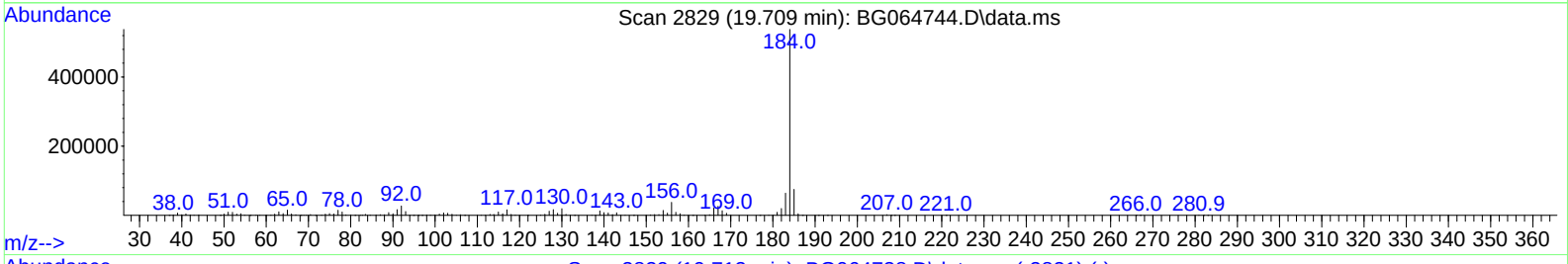
Sample Results: **BG064744.D**

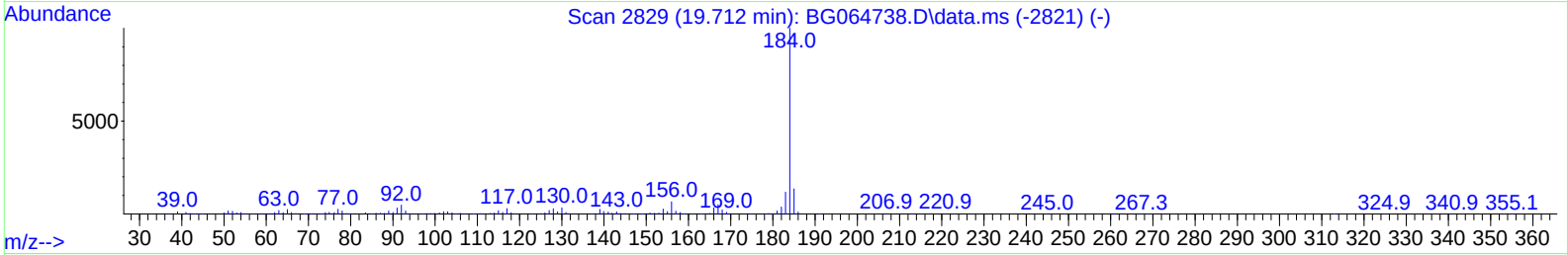
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064744.D
Acq On : 12 Nov 2025 10:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DFTPP

Quant Time: Nov 12 11:53:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 01:10:41 2025
Response via : Initial Calibration




TIC: BG064744.D\data.ms

**(77) Benzidine**

**19.709min (-0.000) 0.00 ng**

**response 866225**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 13.60 | 14.01 |
| 183.00 | 11.80 | 11.91 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_G
**ClientSampleId :**
DFTPP

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 11/12/2025 | BNA_G | BG064744.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 495175 | 20.943 |
| DDD | 6870 | 20.502 |
| DDE | 65 | 19.275 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 6935 | 502110 | 1.38 |
| | | |

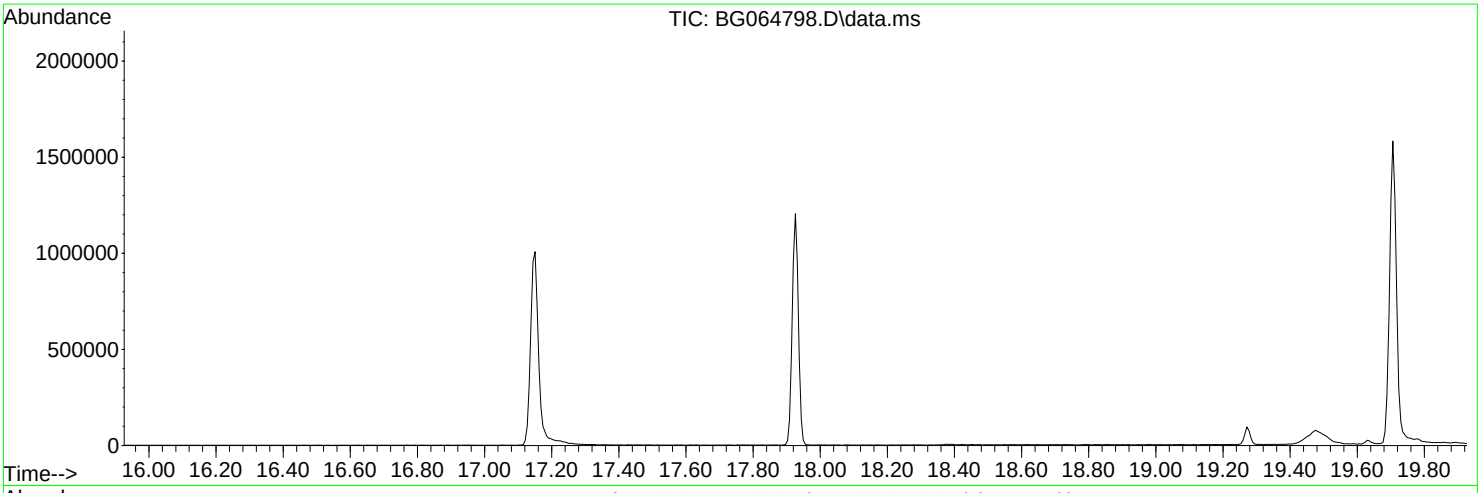
Sample Results: **BG064798.D**

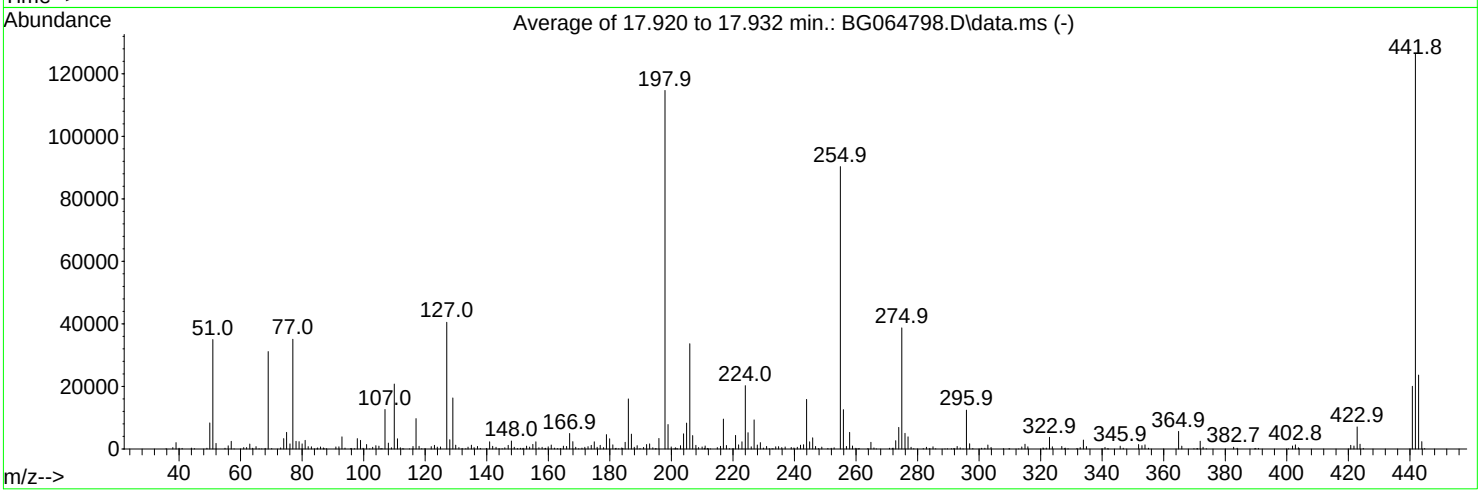
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064798.D
Acq On : 18 Nov 2025 11:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 12 17:10:56 2025




AutoFind: Scans 2524, 2525, 2526; Background Corrected with Scan 2517

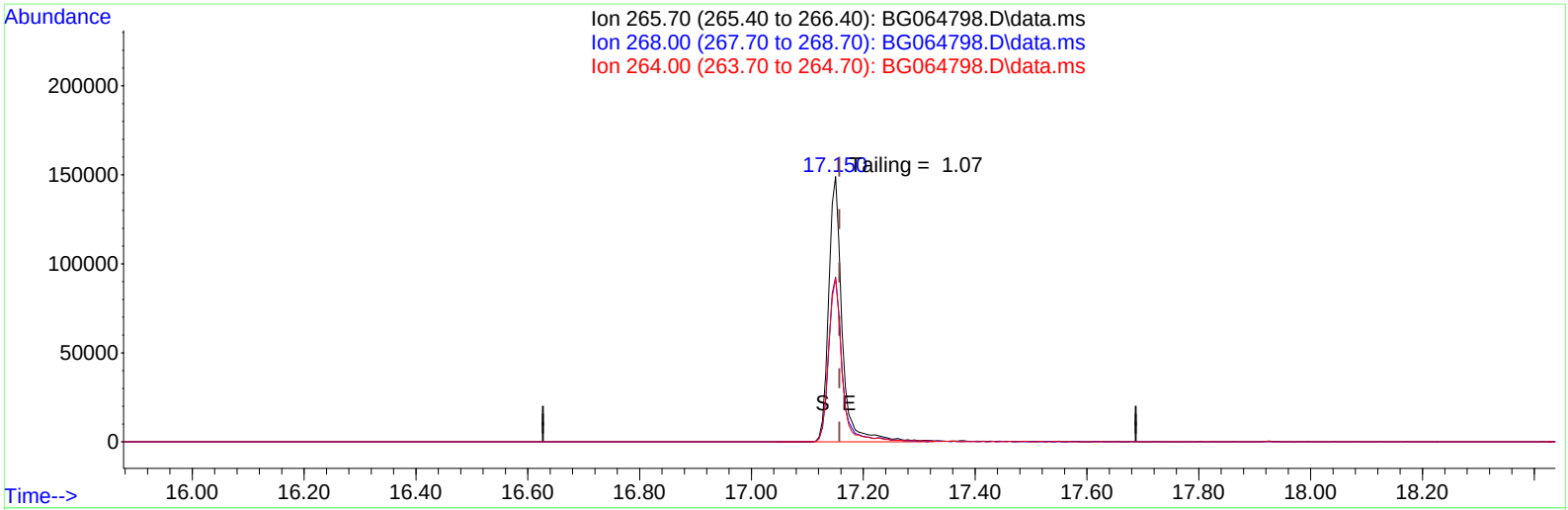
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 0.6 | 179 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 31136 | PASS |
| 70 | 69 | 0.00 | 2 | 0.3 | 106 | PASS |
| 197 | 198 | 0.00 | 2 | 0.0 | 0 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 114677 | PASS |
| 199 | 198 | 5 | 9 | 6.8 | 7801 | PASS |
| 365 | 198 | 1 | 100 | 4.9 | 5614 | PASS |
| 441 | 443 | 0.01 | 150 | 84.8 | 20020 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 126304 | PASS |
| 443 | 442 | 15 | 24 | 18.7 | 23621 | PASS |

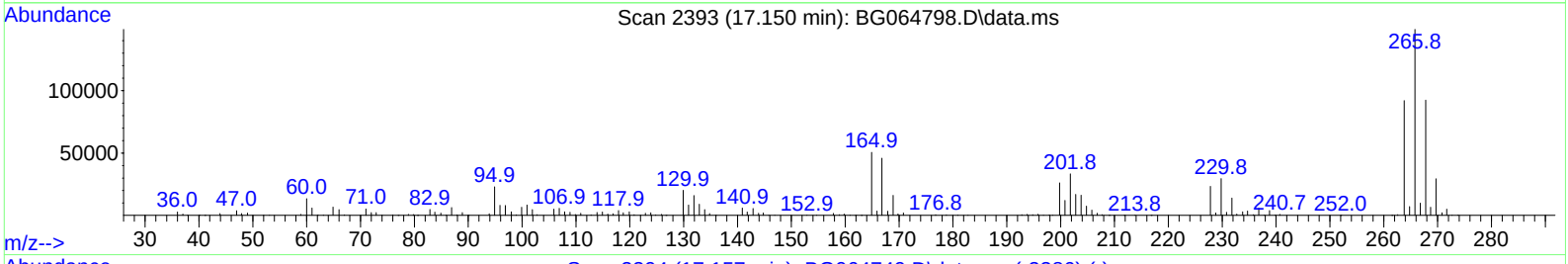
Sample Results: **BG064798.D**

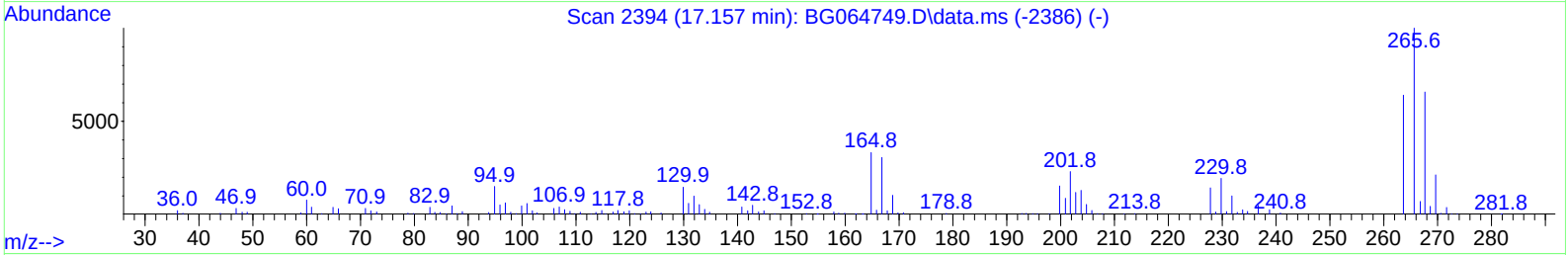
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064798.D
Acq On : 18 Nov 2025 11:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DFTPP

Quant Time: Nov 18 12:05:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration




TIC: BG064798.D\data.ms

**(70) Pentachlorophenol (C)**

**17.150min (-0.007) 33926.00 ng**

**response 250451**

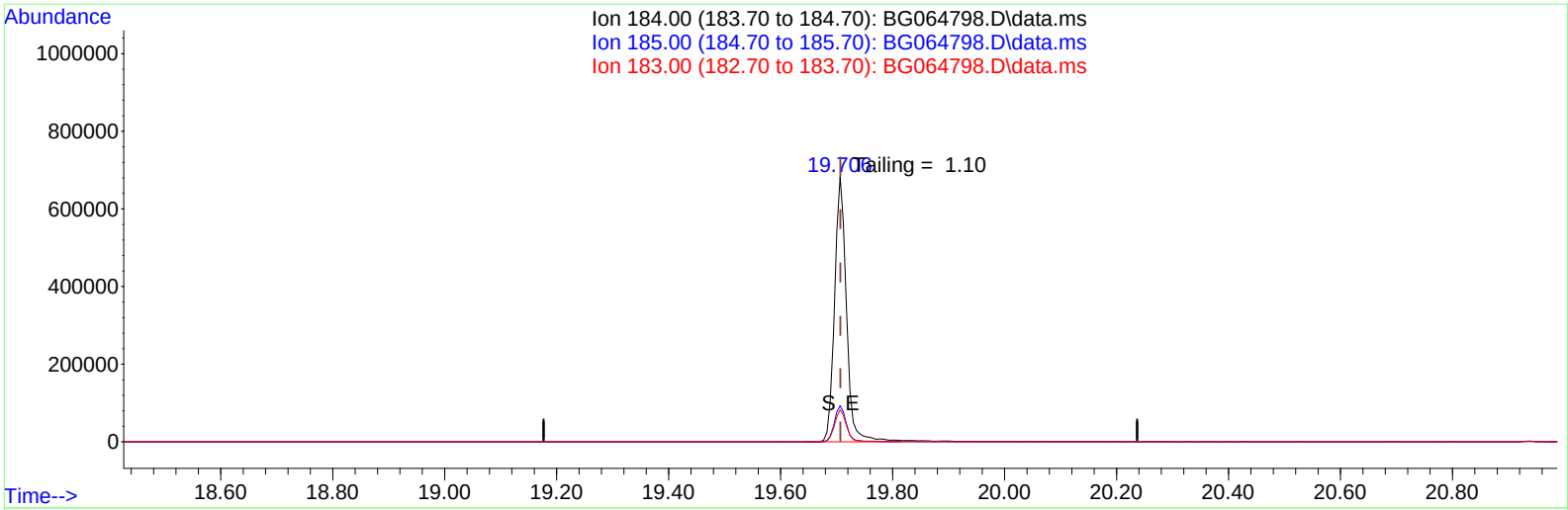
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 70.10 | 66.50 |
| 264.00 | 64.00 | 61.73 |
| 0.00 | 0.00 | 0.00 |

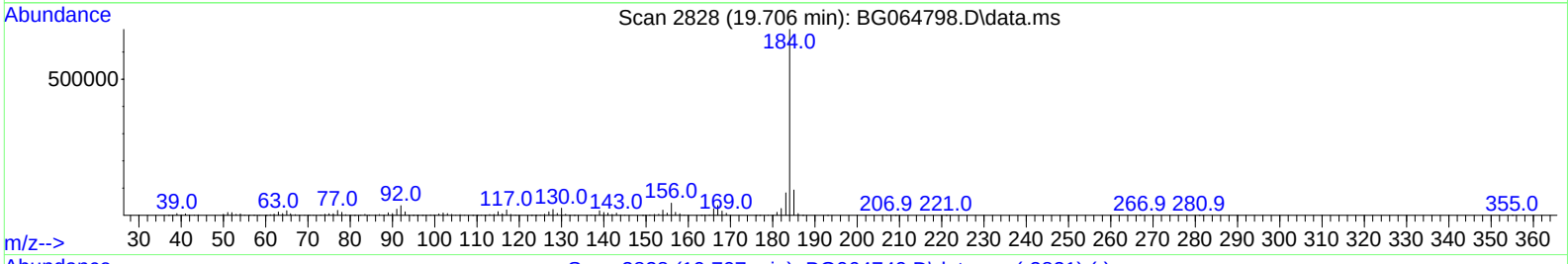
Sample Results: **BG064798.D**

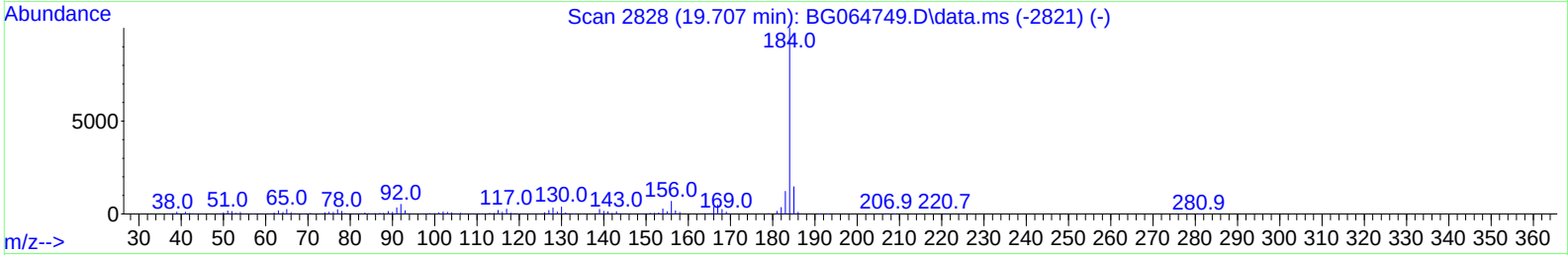
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064798.D
Acq On : 18 Nov 2025 11:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DFTPP

Quant Time: Nov 18 12:05:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration




TIC: BG064798.D\data.ms

**(77) Benzidine**

**19.706min (-0.000) 549166.45 ng**

**response 1019693**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.70 | 13.63 |
| 183.00 | 12.20 | 12.07 |
| 0.00 | 0.00 | 0.00 |

**Instrument :**
BNA_G
**ClientSampleId :**
DFTPP

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 11/18/2025 | BNA_G | BG064798.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 621626 | 20.934 |
| DDD | 16049 | 20.494 |
| DDE | 1419 | 19.994 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 17468 | 639094 | 2.73 |
| | | |

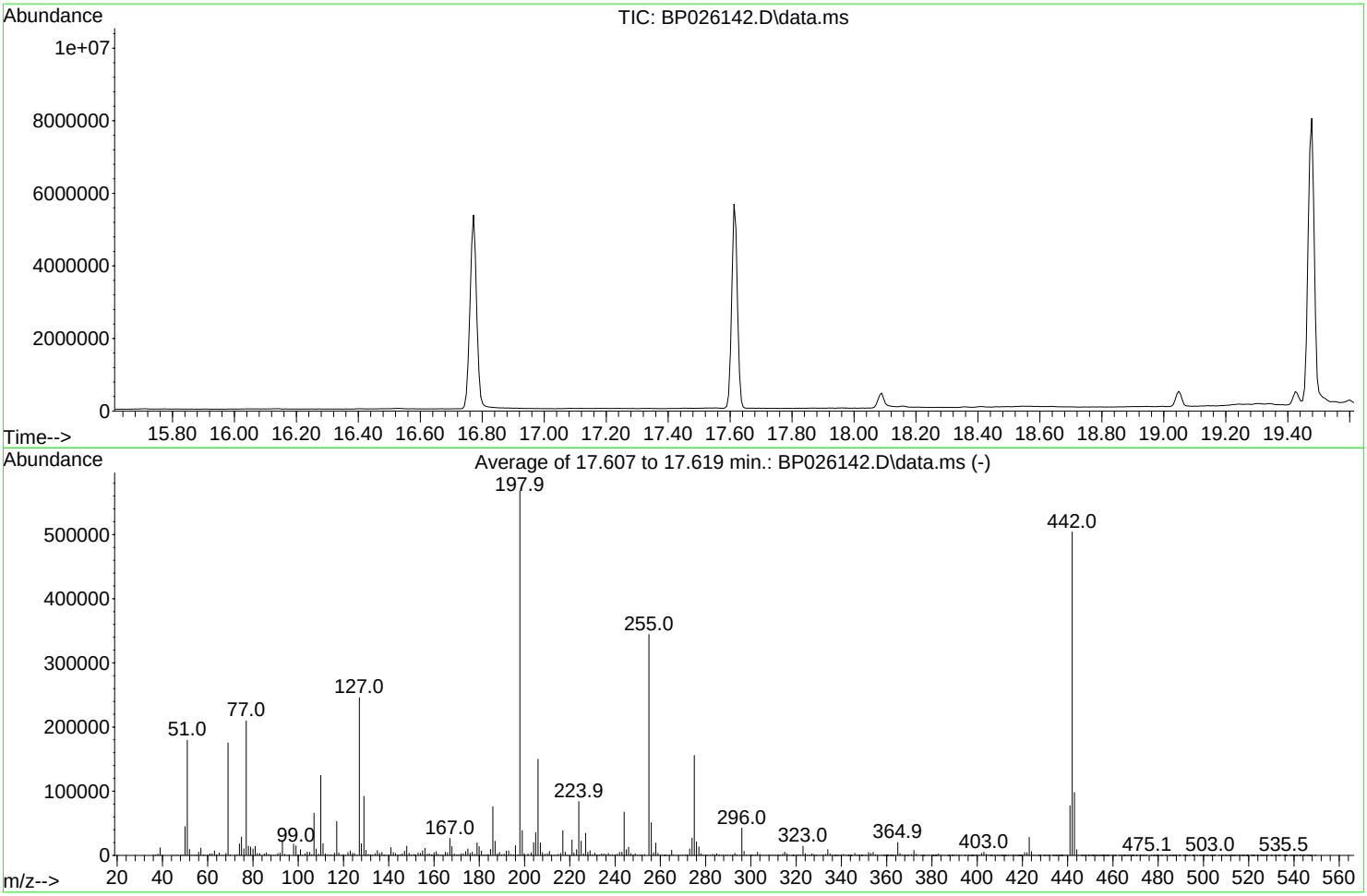
Sample Results: **BP026142.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/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-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025




AutoFind: Scans 2494, 2495, 2496; Background Corrected with Scan 2485

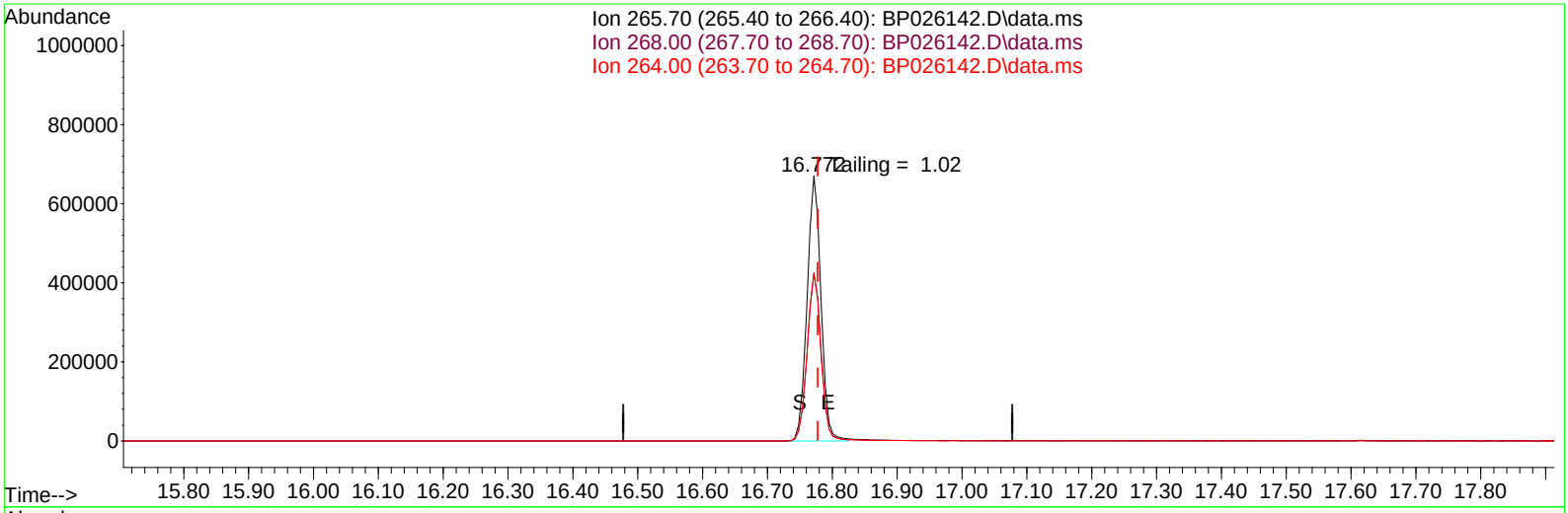
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.6 | 2891 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 175261 | PASS |
| 70 | 69 | 0.00 | 2 | 0.4 | 730 | PASS |
| 197 | 198 | 0.00 | 2 | 0.1 | 748 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 567984 | PASS |
| 199 | 198 | 5 | 9 | 6.8 | 38899 | PASS |
| 365 | 198 | 1 | 100 | 3.6 | 20169 | PASS |
| 441 | 443 | 0.01 | 150 | 79.0 | 77420 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 503872 | PASS |
| 443 | 442 | 15 | 24 | 19.5 | 98037 | PASS |

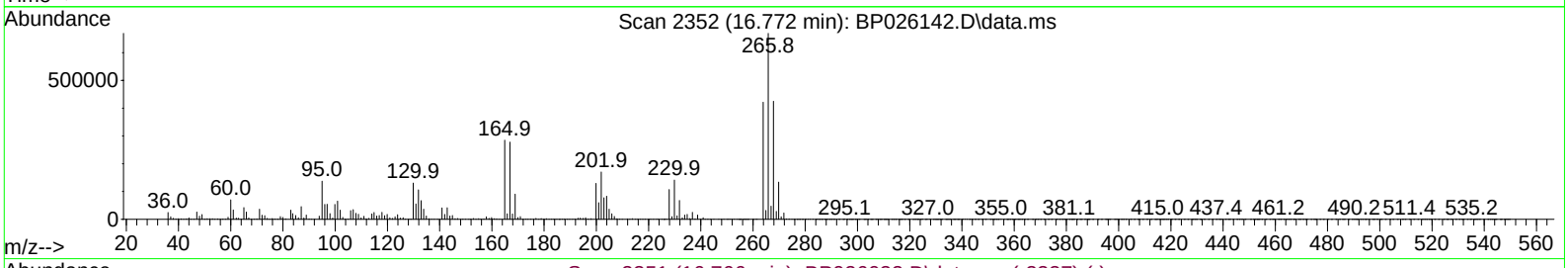
Sample Results: **BP026142.D**

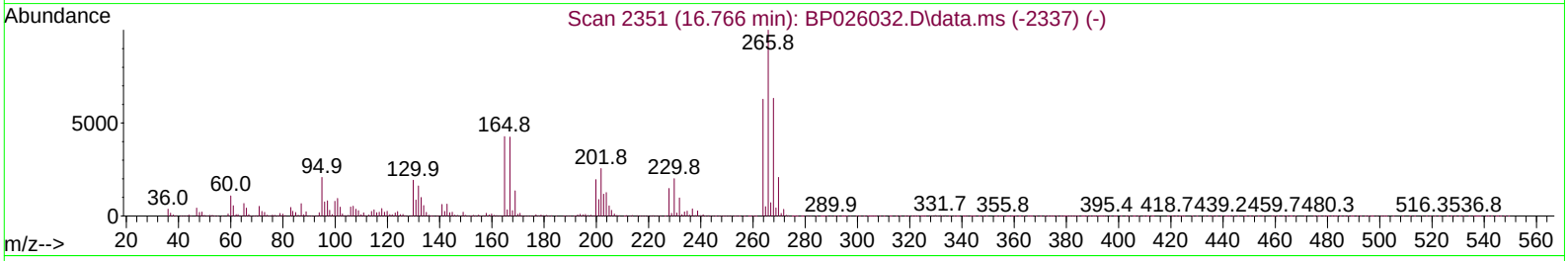
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration




TIC: BP026142.D\data.ms

**(70) Pentachlorophenol (C)**

**16.772min (-0.006) 1416102.53 ng**

**response 1013882**

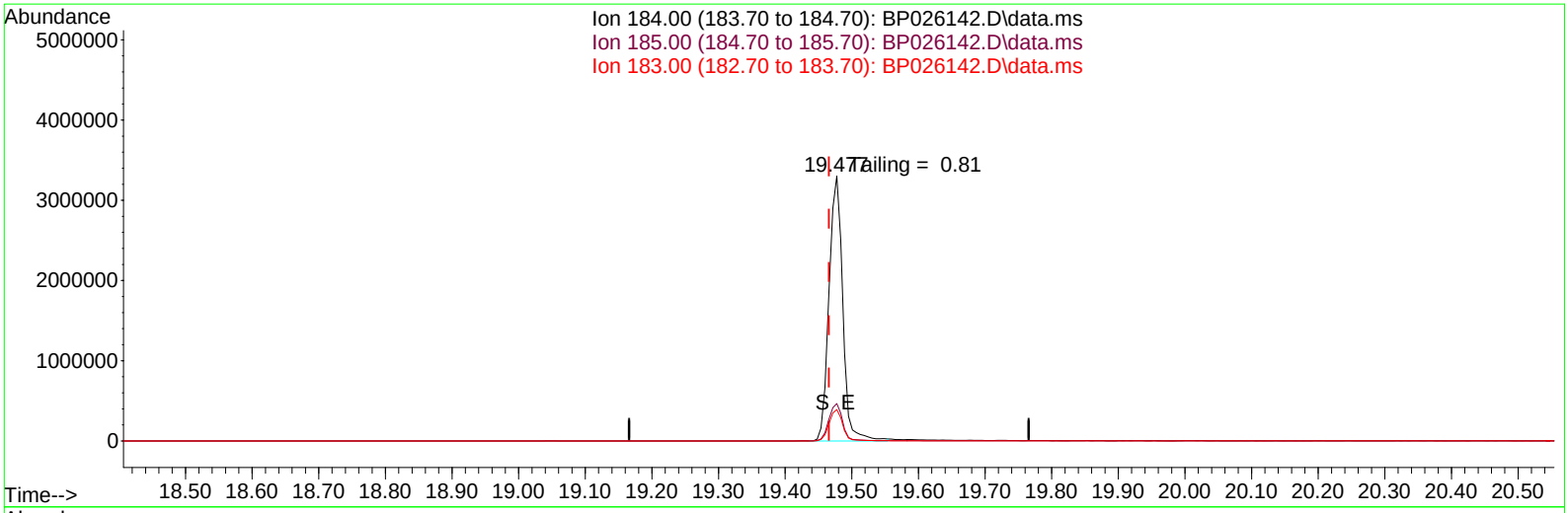
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 63.70 | 63.49 |
| 264.00 | 62.70 | 62.91 |
| 0.00 | 0.00 | 0.00 |

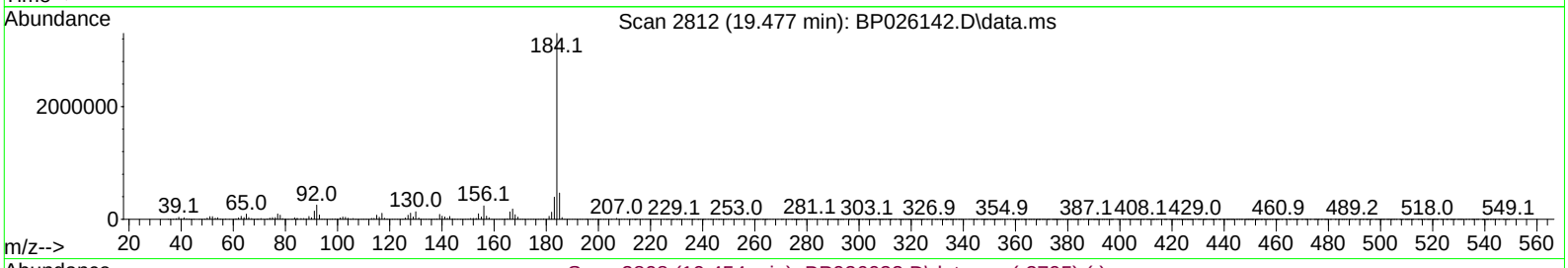
Sample Results: **BP026142.D**

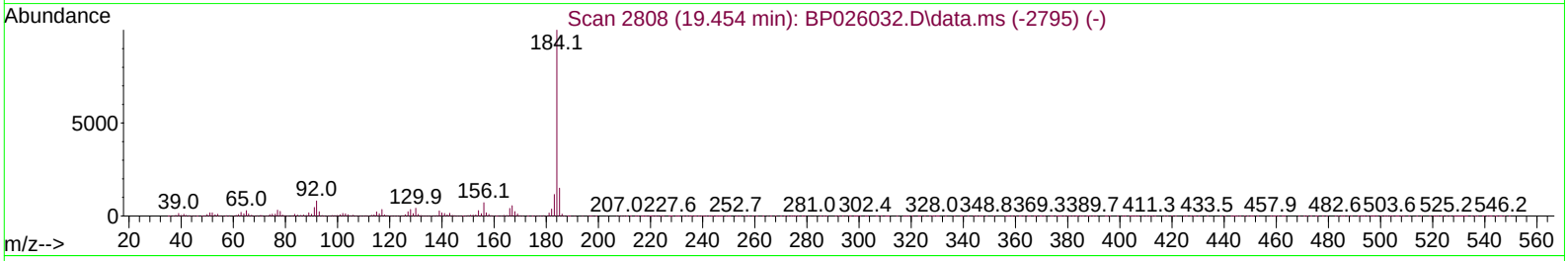
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration




TIC: BP026142.D\data.ms

**(77) Benzidine**

**19.477min (+ 0.012) 743702.57 ng**

**response 4726021**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.10 | 14.13 |
| 183.00 | 11.30 | 11.87 |
| 0.00 | 0.00 | 0.00 |

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

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 11/18/2025 | BNA_P | BP026142.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 2472778 | 20.777 |
| DDD | 49260 | 20.377 |
| DDE | 4029 | 19.789 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 53289 | 2526067 | 2.11 |
| | | |

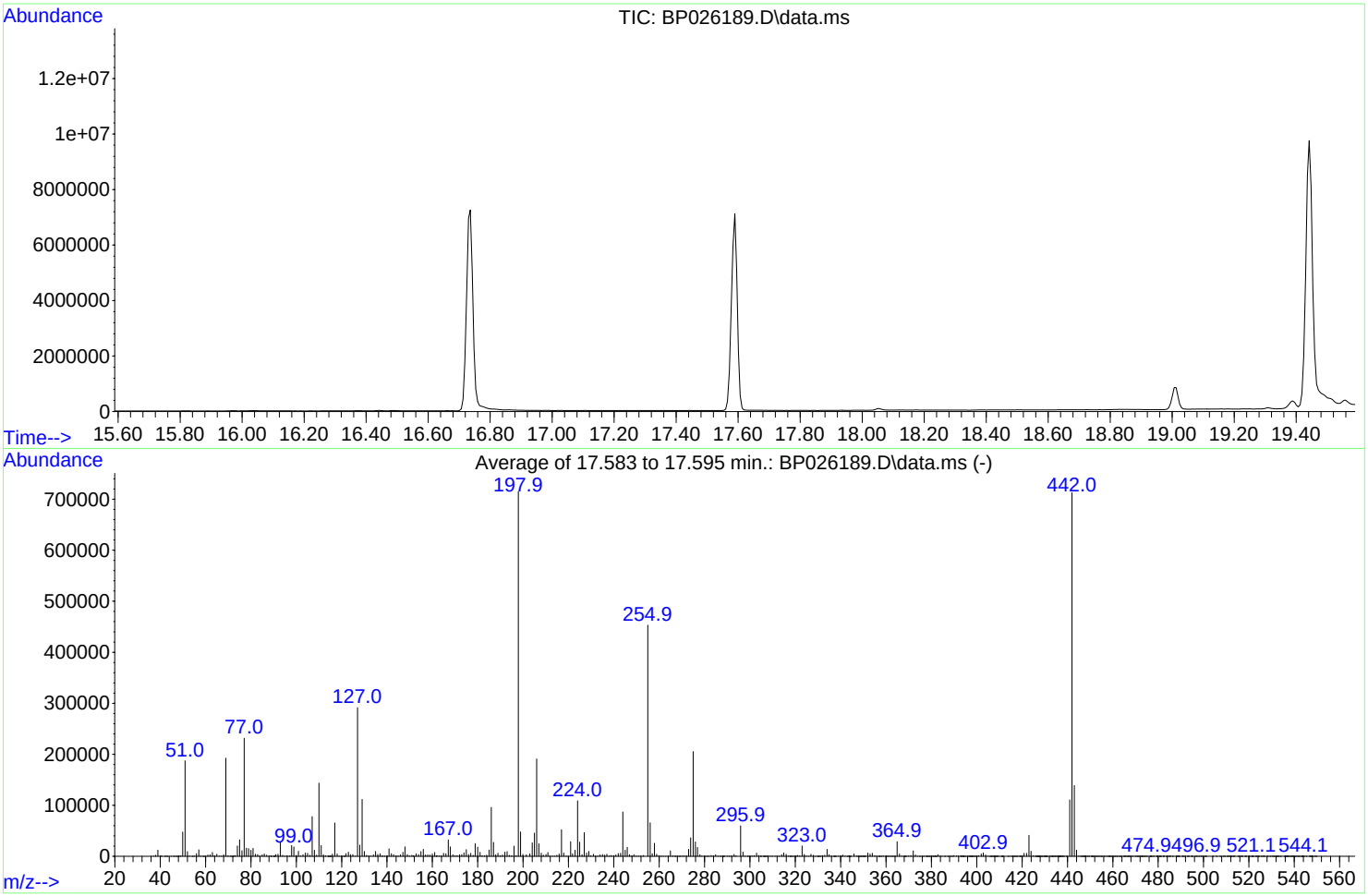
Sample Results: **BP026189.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026189.D
Acq On : 26 Nov 2025 13:23
Operator : RC/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-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025




AutoFind: Scans 2490, 2491, 2492; Background Corrected with Scan 2480

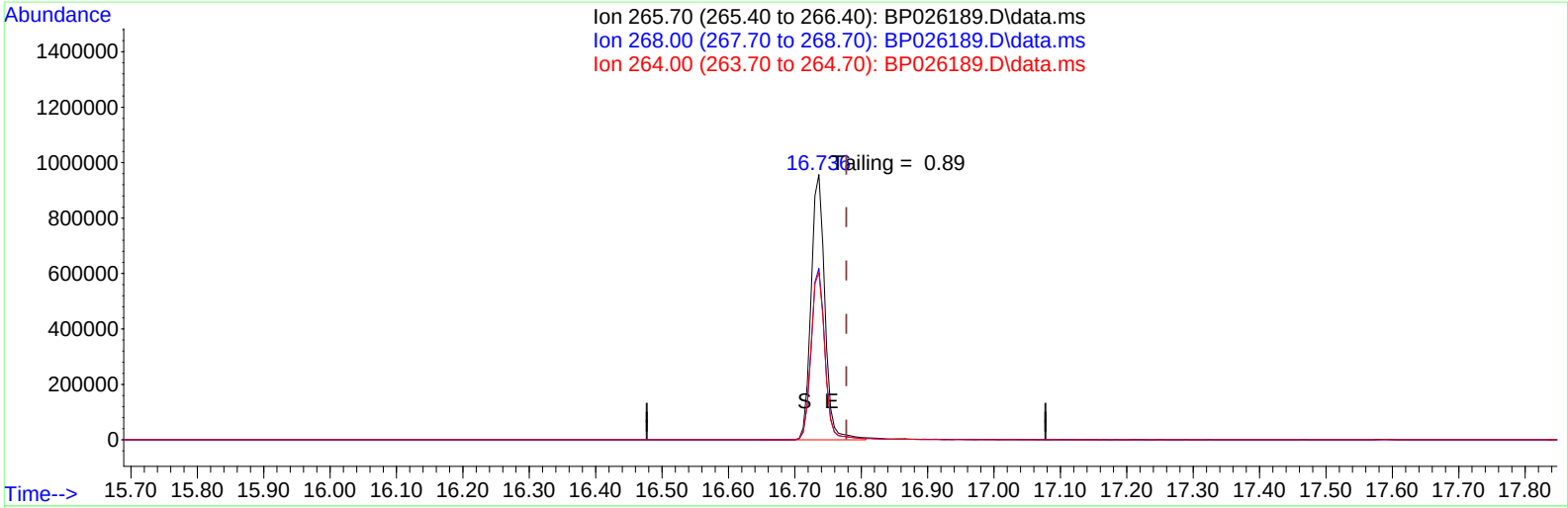
| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|---|---|---|---|---|---|---|
| 68 | 69 | 0.00 | 2 | 1.7 | 3227 | PASS |
| 69 | 69 | 100 | 100 | 100.0 | 192350 | PASS |
| 70 | 69 | 0.00 | 2 | 0.5 | 1041 | PASS |
| 197 | 198 | 0.00 | 2 | 0.2 | 1508 | PASS |
| 198 | 198 | 100 | 100 | 100.0 | 715009 | PASS |
| 199 | 198 | 5 | 9 | 6.7 | 47935 | PASS |
| 365 | 198 | 1 | 100 | 4.0 | 28789 | PASS |
| 441 | 443 | 0.01 | 150 | 79.7 | 110650 | PASS |
| 442 | 442 | 100 | 100 | 100.0 | 712930 | PASS |
| 443 | 442 | 15 | 24 | 19.5 | 138829 | PASS |

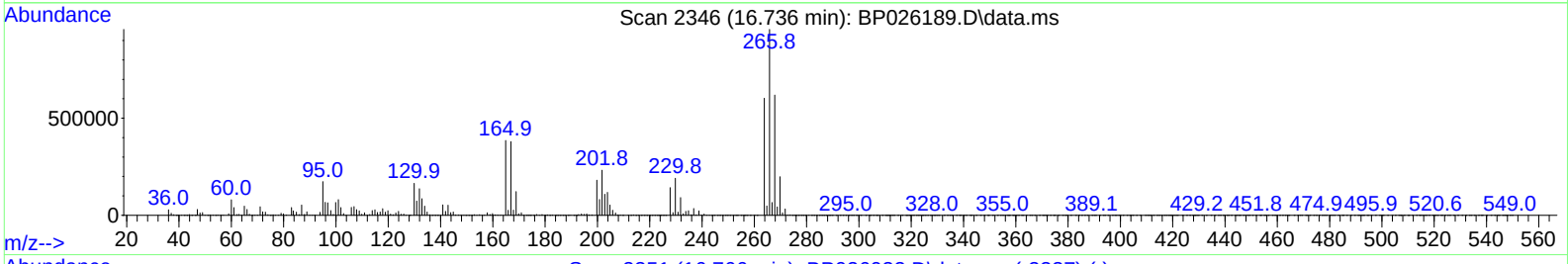
Sample Results: **BP026189.D**

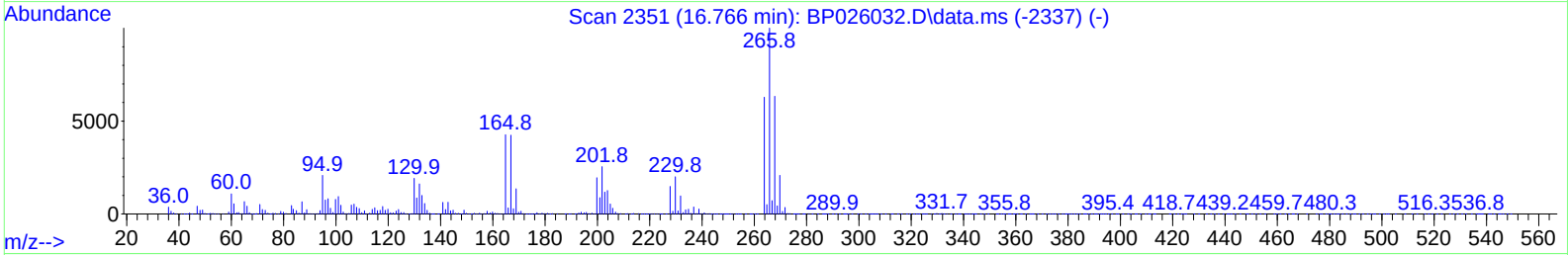
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026189.D
Acq On : 26 Nov 2025 13:23
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 26 15:09:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration




TIC: BP026189.D\data.ms

**(70) Pentachlorophenol (C)**

**16.736min (-0.041) 64652.85 ng**

**response 1389037**

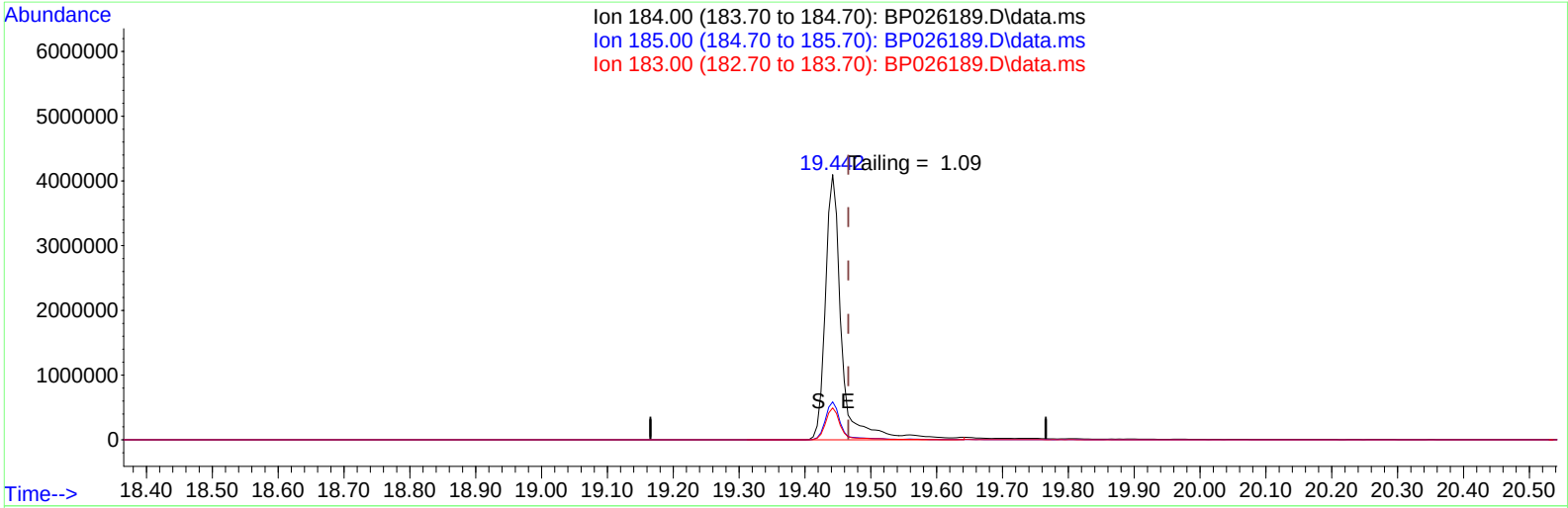
| Ion | Exp% | Act% |
|---|---|---|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 63.70 | 64.65 |
| 264.00 | 62.70 | 63.01 |
| 0.00 | 0.00 | 0.00 |

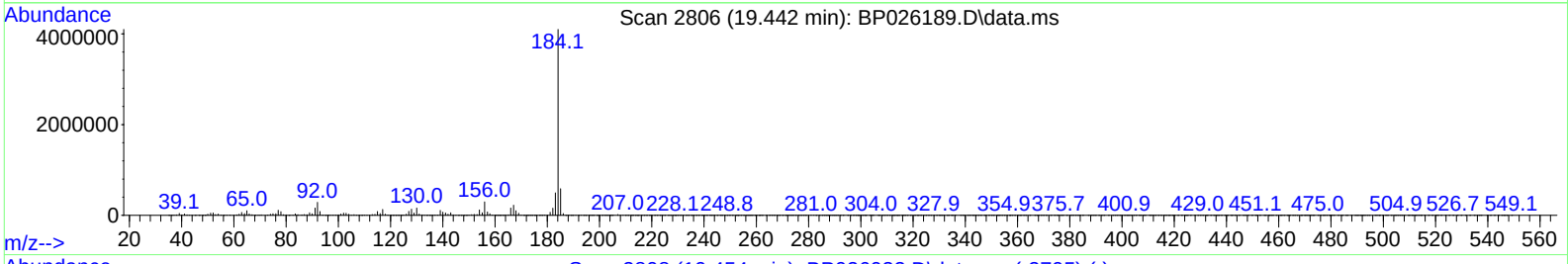
Sample Results: **BP026189.D**

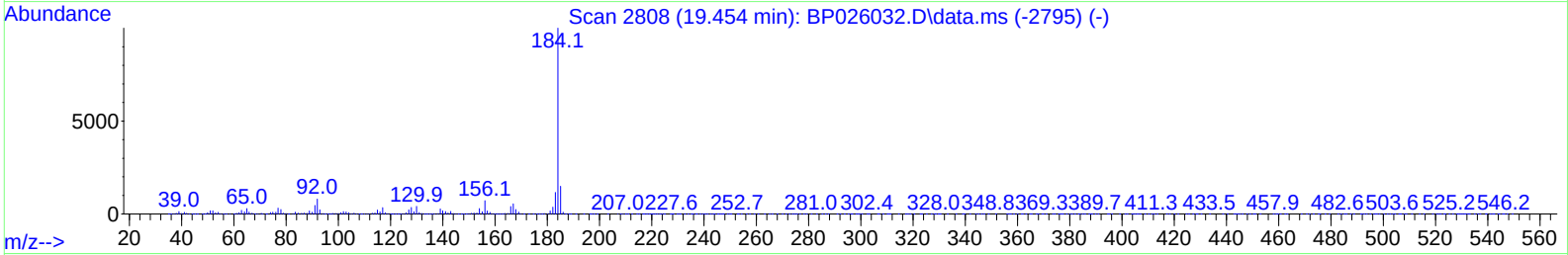
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026189.D
Acq On : 26 Nov 2025 13:23
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 26 15:09:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration




TIC: BP026189.D\data.ms

**(77) Benzidine**

**19.442min (-0.024) 26907.41 ng**

**response 6791277**

| Ion | Exp% | Act% |
|---|---|---|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.10 | 14.33 |
| 183.00 | 11.30 | 12.05 |
| 0.00 | 0.00 | 0.00 |

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

## DDT Breakdown

| Date | Instrument Name | DFTPP Data File |
|---|---|---|
| 11/27/2025 | BNA_P | BP026189.D |
| | | |
| | | |
| **Compound Name** | **Response** | **Retention Time** |
| | | |
| DDT | 3414858 | 20.742 |
| DDD | 40682 | 20.277 |
| DDE | 3383 | 19.754 |
| | | |
| | | |
| **SUM(DDD+DDE)** | **SUM(DDT+DDD+DDE)** | **% Breakdown Of DDT** |
| | | |
| 44065 | 3458923 | 1.27 |
| | | |

Raw Data: **BG064800.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | |
| Project: | NJ Soil PT | | | Date Received: | |
| Client Sample ID: | PB170598BL | | | SDG No.: | Q3483 |
| Lab Sample ID: | PB170598BL | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 62-75-9 | n-Nitrosodimethylamine | 33.5 | U | 1 | 33.5 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 110-86-1 | Pyridine | 39.2 | U | 1 | 39.2 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 100-52-7 | Benzaldehyde | 160 | U | 1 | 160 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 62-53-3 | Aniline | 49.7 | U | 1 | 49.7 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 108-95-2 | Phenol | 22.1 | U | 1 | 22.1 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 111-44-4 | bis(2-Chloroethyl)ether | 24.3 | U | 1 | 24.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 95-57-8 | 2-Chlorophenol | 24.4 | U | 1 | 24.4 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 95-50-1 | 1,2-Dichlorobenzene | 19.4 | U | 1 | 19.4 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 541-73-1 | 1,3-Dichlorobenzene | 17.7 | U | 1 | 17.7 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 106-46-7 | 1,4-Dichlorobenzene | 18.3 | U | 1 | 18.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 100-51-6 | Benzyl Alcohol | 48.5 | U | 1 | 48.5 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 95-48-7 | 2-Methylphenol | 29.9 | U | 1 | 29.9 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 37.5 | U | 1 | 37.5 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 98-86-2 | Acetophenone | 29.5 | U | 1 | 29.5 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 65794-96-9 | 3+4-Methylphenols | 41.1 | U | 1 | 41.1 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 47.4 | U | 1 | 47.4 | 80.0 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 67-72-1 | Hexachloroethane | 17.6 | U | 1 | 17.6 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 98-95-3 | Nitrobenzene | 18.3 | U | 1 | 18.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 78-59-1 | Isophorone | 32.8 | U | 1 | 32.8 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 88-75-5 | 2-Nitrophenol | 58.2 | U | 1 | 58.2 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 105-67-9 | 2,4-Dimethylphenol | 64.8 | U | 1 | 64.8 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 30.8 | U | 1 | 30.8 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 120-83-2 | 2,4-Dichlorophenol | 28.3 | U | 1 | 28.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 22.6 | U | 1 | 22.6 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 65-85-0 | Benzoic acid | 190 | U | 1 | 190 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 91-20-3 | Naphthalene | 22.7 | U | 1 | 22.7 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 106-47-8 | 4-Chloroaniline | 35.4 | U | 1 | 35.4 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 87-68-3 | Hexachlorobutadiene | 25.3 | U | 1 | 25.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 105-60-2 | Caprolactam | 52.1 | U | 1 | 52.1 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 59-50-7 | 4-Chloro-3-methylphenol | 28.7 | U | 1 | 28.7 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 91-57-6 | 2-Methylnaphthalene | 25.6 | U | 1 | 25.6 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 77-47-4 | Hexachlorocyclopentadiene | 120 | U | 1 | 120 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 88-06-2 | 2,4,6-Trichlorophenol | 19.8 | U | 1 | 19.8 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 95-95-4 | 2,4,5-Trichlorophenol | 29.1 | U | 1 | 29.1 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 92-52-4 | 1,1-Biphenyl | 21.8 | U | 1 | 21.8 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 91-58-7 | 2-Chloronaphthalene | 22.5 | U | 1 | 22.5 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 88-74-4 | 2-Nitroaniline | 48.1 | U | 1 | 48.1 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 131-11-3 | Dimethylphthalate | 27.1 | U | 1 | 27.1 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 208-96-8 | Acenaphthylene | 28.9 | U | 1 | 28.9 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 606-20-2 | 2,6-Dinitrotoluene | 33.6 | U | 1 | 33.6 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 99-09-2 | 3-Nitroaniline | 46.0 | U | 1 | 46.0 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 83-32-9 | Acenaphthene | 21.3 | U | 1 | 21.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |

Raw Data: **BG064800.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | |
| Project: | NJ Soil PT | | | Date Received: | |
| Client Sample ID: | PB170598BL | | | SDG No.: | Q3483 |
| Lab Sample ID: | PB170598BL | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 51-28-5 | 2,4-Dinitrophenol | 230 | U | 1 | 230 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 100-02-7 | 4-Nitrophenol | 110 | U | 1 | 110 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 132-64-9 | Dibenzofuran | 22.7 | U | 1 | 22.7 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 121-14-2 | 2,4-Dinitrotoluene | 50.1 | U | 1 | 50.1 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 84-66-2 | Diethylphthalate | 28.3 | U | 1 | 28.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 26.7 | U | 1 | 26.7 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 86-73-7 | Fluorene | 25.3 | U | 1 | 25.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 100-01-6 | 4-Nitroaniline | 64.2 | U | 1 | 64.2 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 100 | U | 1 | 100 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 86-30-6 | n-Nitrosodiphenylamine | 32.9 | U | 1 | 32.9 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 103-33-3 | Azobenzene | 29.2 | U | 1 | 29.2 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 101-55-3 | 4-Bromophenyl-phenylether | 27.8 | U | 1 | 27.8 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 118-74-1 | Hexachlorobenzene | 25.3 | U | 1 | 25.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 1912-24-9 | Atrazine | 34.0 | U | 1 | 34.0 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 87-86-5 | Pentachlorophenol | 51.3 | U | 1 | 51.3 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 85-01-8 | Phenanthrene | 20.9 | U | 1 | 20.9 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 120-12-7 | Anthracene | 33.3 | U | 1 | 33.3 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 86-74-8 | Carbazole | 31.2 | U | 1 | 31.2 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 84-74-2 | Di-n-butylphthalate | 47.9 | U | 1 | 47.9 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 206-44-0 | Fluoranthene | 30.0 | U | 1 | 30.0 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 92-87-5 | Benzidine | 150 | U | 1 | 150 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 129-00-0 | Pyrene | 36.0 | U | 1 | 36.0 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 85-68-7 | Butylbenzylphthalate | 71.4 | U | 1 | 71.4 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 91-94-1 | 3,3-Dichlorobenzidine | 36.7 | U | 1 | 36.7 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 56-55-3 | Benzo(a)anthracene | 23.0 | U | 1 | 23.0 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 218-01-9 | Chrysene | 19.9 | U | 1 | 19.9 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 59.2 | U | 1 | 59.2 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 117-84-0 | Di-n-octyl phthalate | 86.8 | U | 1 | 86.8 | 330 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 205-99-2 | Benzo(b)fluoranthene | 19.0 | U | 1 | 19.0 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 207-08-9 | Benzo(k)fluoranthene | 22.4 | U | 1 | 22.4 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 50-32-8 | Benzo(a)pyrene | 29.5 | U | 1 | 29.5 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 29.1 | U | 1 | 29.1 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 53-70-3 | Dibenzo(a,h)anthracene | 27.4 | U | 1 | 27.4 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 191-24-2 | Benzo(g,h,i)perylene | 25.7 | U | 1 | 25.7 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 25.6 | U | 1 | 25.6 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 123-91-1 | 1,4-Dioxane | 45.2 | U | 1 | 45.2 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 27.4 | U | 1 | 27.4 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| 90-12-0 | 1-Methylnaphthalene | 25.8 | U | 1 | 25.8 | 170 | ug/Kg | 11/18/25 12:53 | PB170598 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 136 | | | 10 - 105 | 91% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 136 | | | 10 - 103 | 90% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 85.1 | | | 10 - 108 | 85% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 85.3 | | | 10 - 108 | 85% | SPK: 100 | | |

Raw Data: **BG064800.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | |
| Project: | NJ Soil PT | | | Date Received: | |
| Client Sample ID: | PB170598BL | | | SDG No.: | Q3483 |
| Lab Sample ID: | PB170598BL | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol | 129 | | | 10 - 116 | 86% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 89.0 | | | 10 - 109 | 89% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 39800 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 147000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 118000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 300000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 430000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 424000 | | | | | | | |

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_G\Data\BG111825\
Data File : BG064800.D
Acq On : 18 Nov 2025 12:53
Operator : RC/JU
Sample : PB170598BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BL

Quant Time: Nov 18 13:28:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

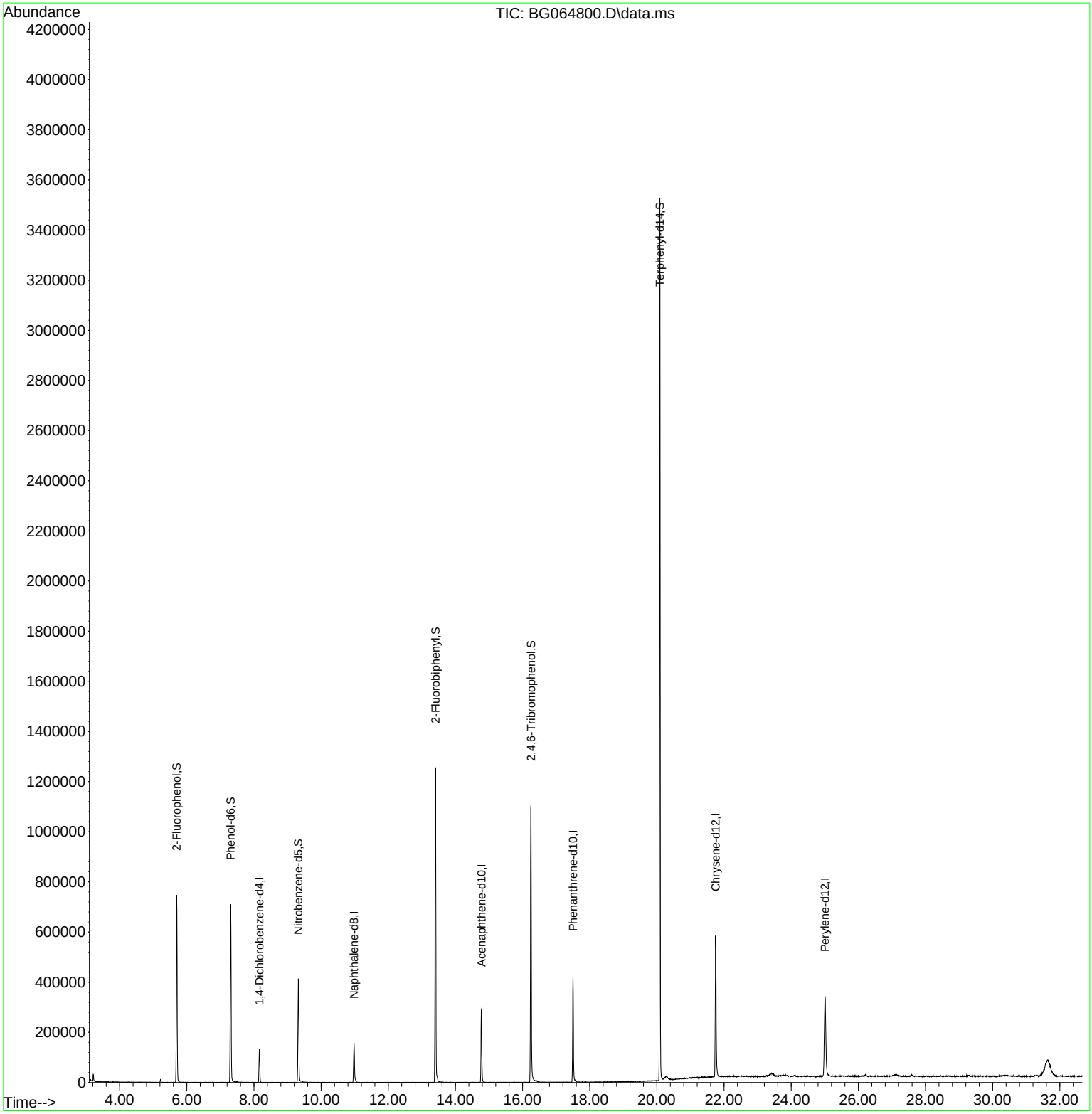
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.160 | 152 | 39789 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.980 | 136 | 147034 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.776 | 164 | 118356 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.502 | 188 | 299804 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.750 | 240 | 430208 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.005 | 264 | 423715 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.698 | 112 | 310288 | 136.176 | ng | 0.00 |
| 7) Phenol-d6 | 7.308 | 99 | 410954 | 135.601 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.323 | 82 | 252984 | 85.070 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.250 | 330 | 297170 | 128.739 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.407 | 172 | 723900 | 85.343 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.087 | 244 | 1945948 | 88.977 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

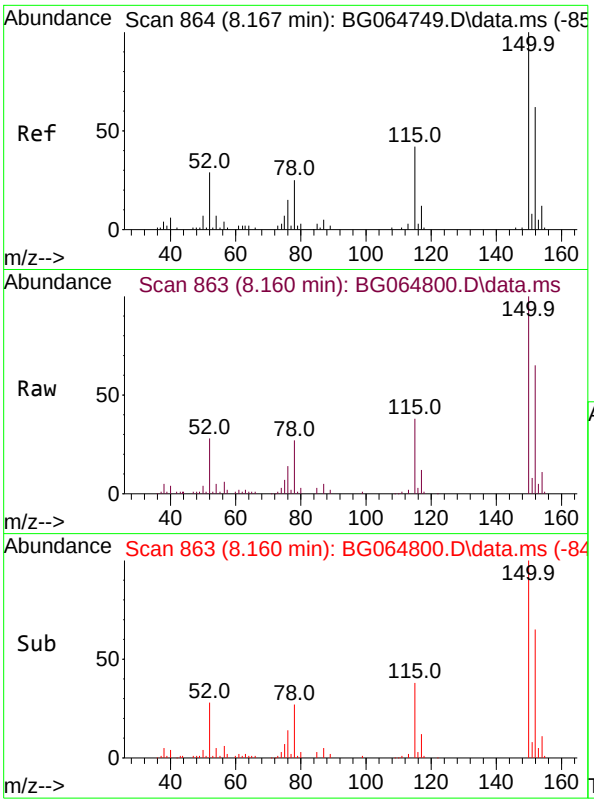
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064800.D
Acq On : 18 Nov 2025 12:53
Operator : RC/JU
Sample : PB170598BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BL

Quant Time: Nov 18 13:28:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



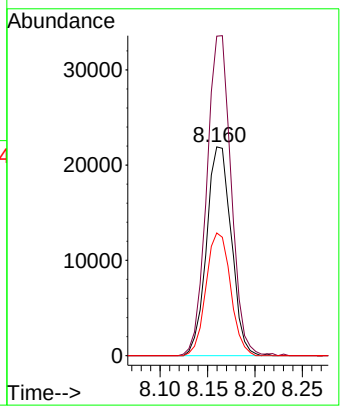


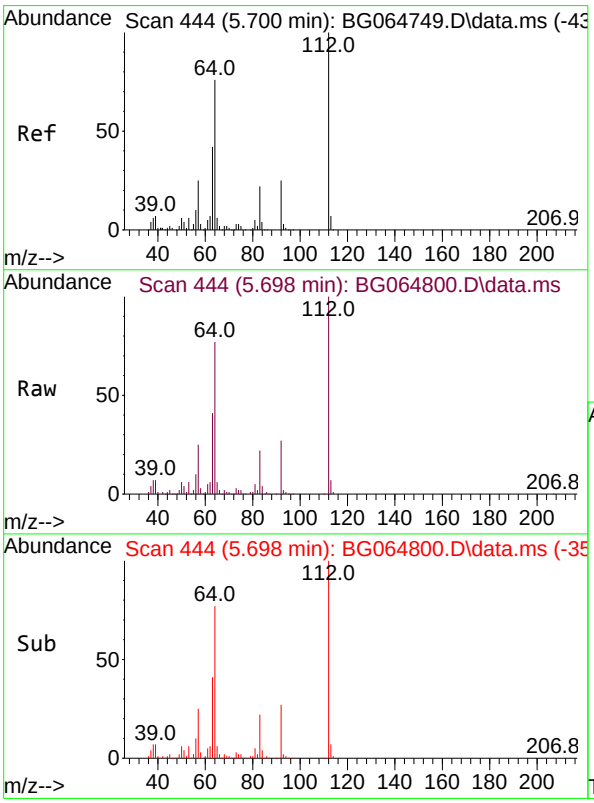

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 8
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BL

Tgt Ion:152 Resp: 39789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.0 | 129.2 | 193.8 |
| 115 | 58.8 | 53.7 | 80.5 |

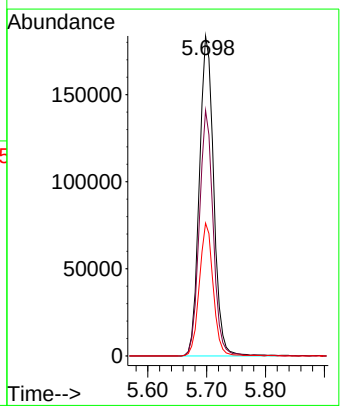


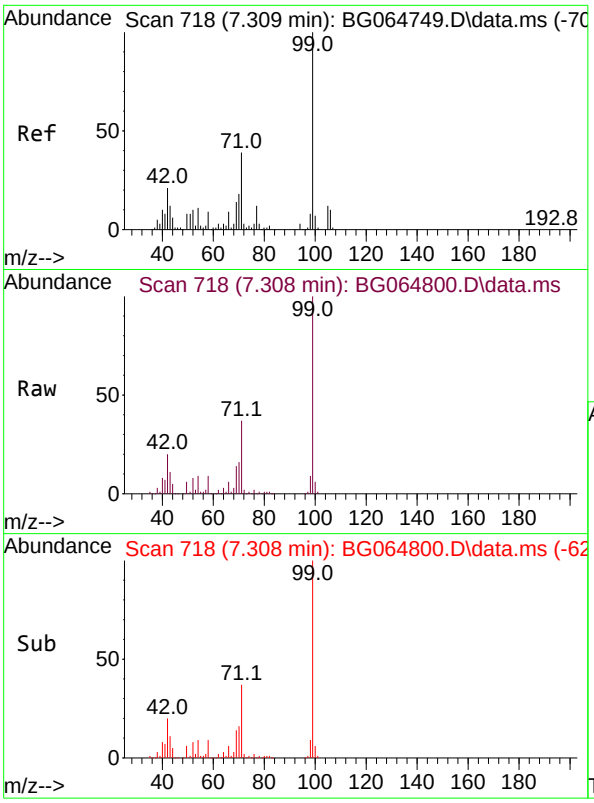




#5
2-Fluorophenol
Concen: 136.176 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:112 Resp: 310288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 76.7 | 61.0 | 91.4 |
| 63 | 41.5 | 33.3 | 49.9 |



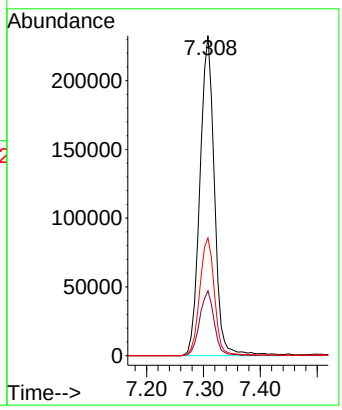


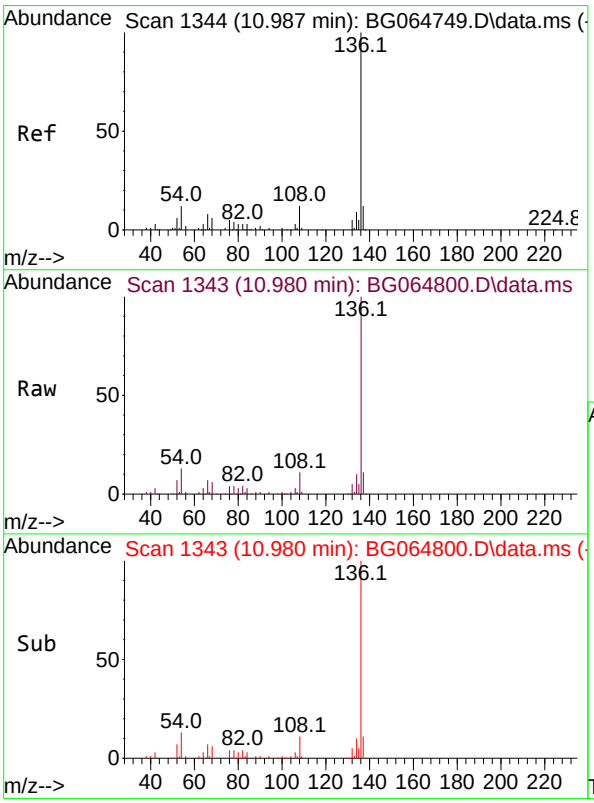

#7
Phenol-d6
Concen: 135.601 ng
RT: 7.308 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BL

Tgt Ion: 99 Resp: 410954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.3 | 16.8 | 25.2 |
| 71 | 36.7 | 31.1 | 46.7 |

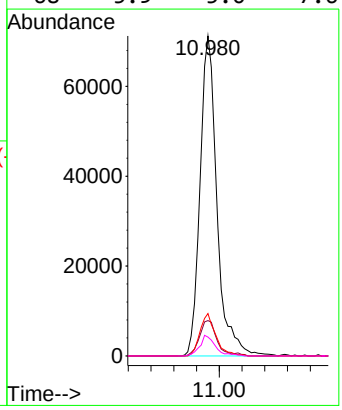


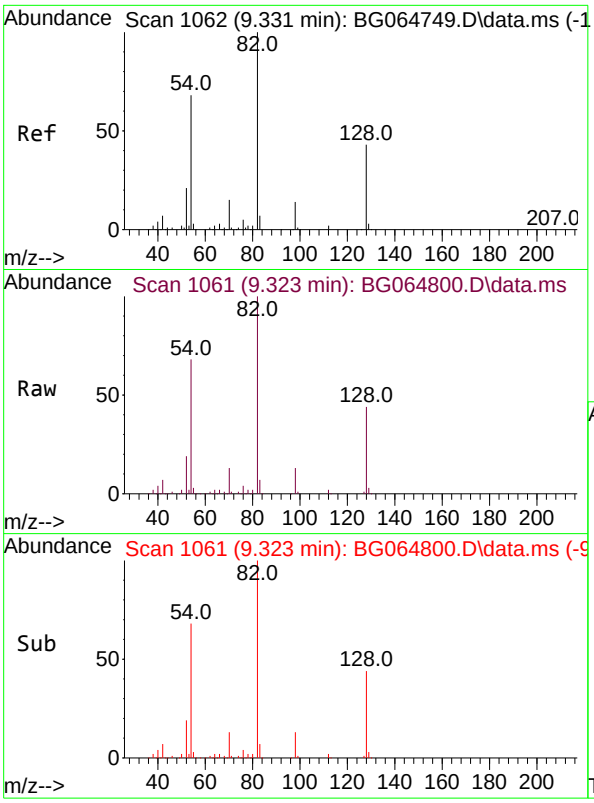




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:136 Resp: 147034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.3 | 13.9 |
| 54 | 13.2 | 9.3 | 13.9 |
| 68 | 5.9 | 5.0 | 7.6 |



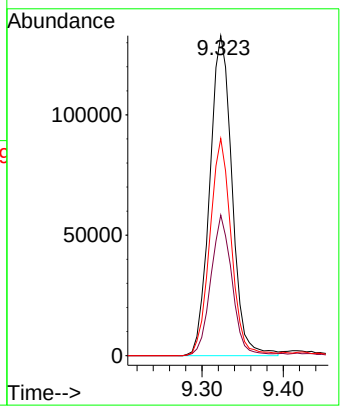


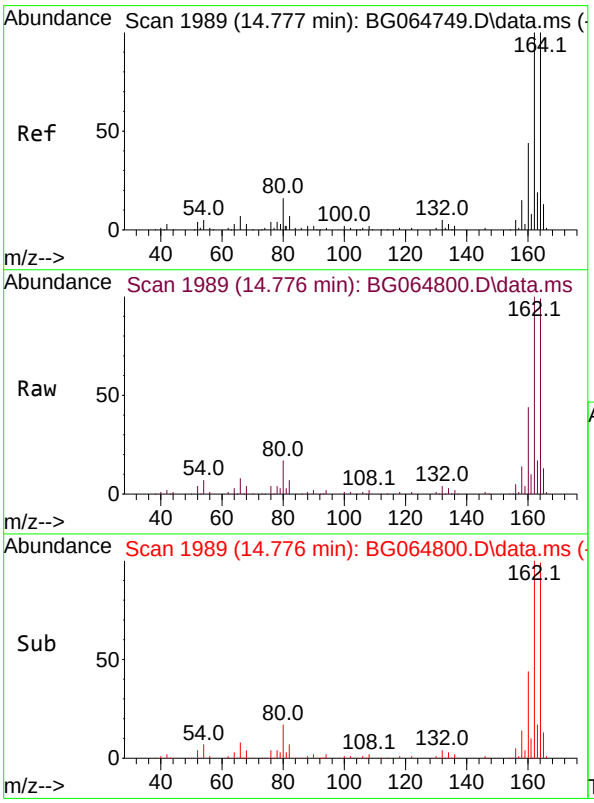

#23
Nitrobenzene-d5
Concen: 85.070 ng
RT: 9.323 min Scan# 10
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BL

Tgt Ion: 82 Resp: 252984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.9 | 34.1 | 51.1 |
| 54 | 67.8 | 54.3 | 81.5 |

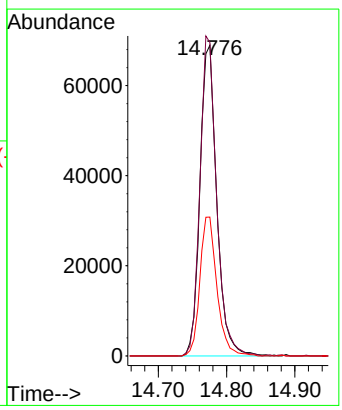


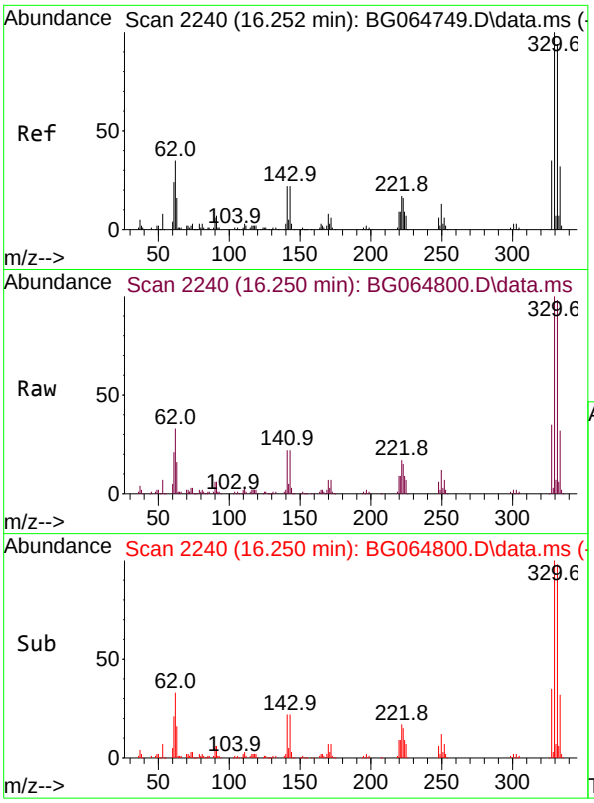




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.776 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:164 Resp: 118356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 79.8 | 119.6 |
| 160 | 44.7 | 34.9 | 52.3 |



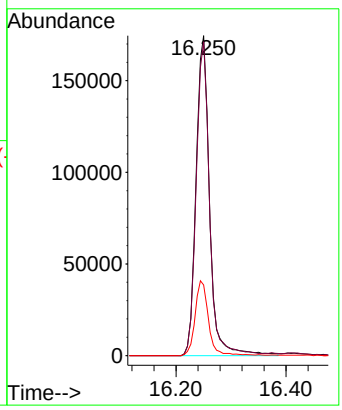


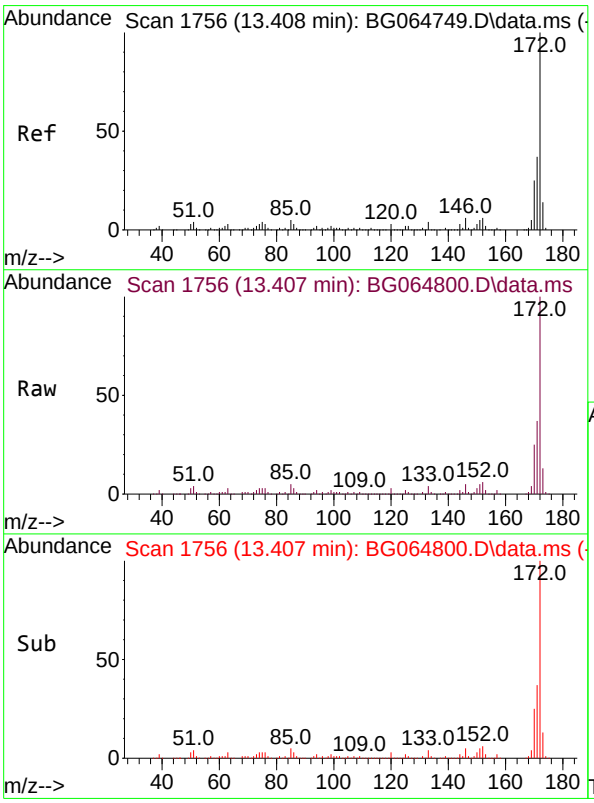

#42
2,4,6-Tribromophenol
Concen: 128.739 ng
RT: 16.250 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BL

Tgt Ion:330 Resp: 297170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 77.0 | 115.6 |
| 141 | 23.2 | 18.2 | 27.2 |

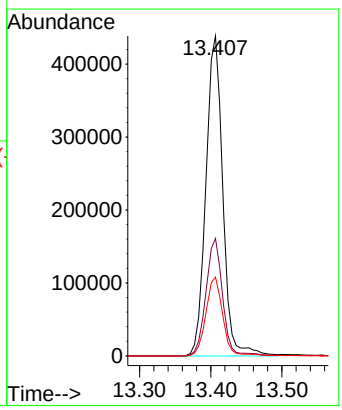


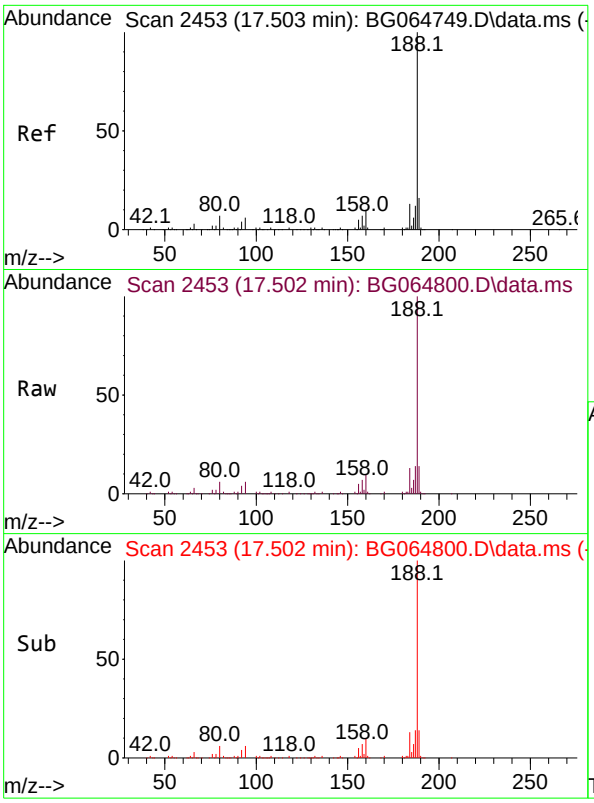




#45
2-Fluorobiphenyl
Concen: 85.343 ng
RT: 13.407 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:172 Resp: 723900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.9 | 44.9 |
| 170 | 24.6 | 19.8 | 29.6 |



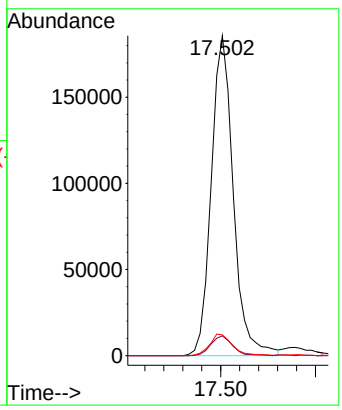


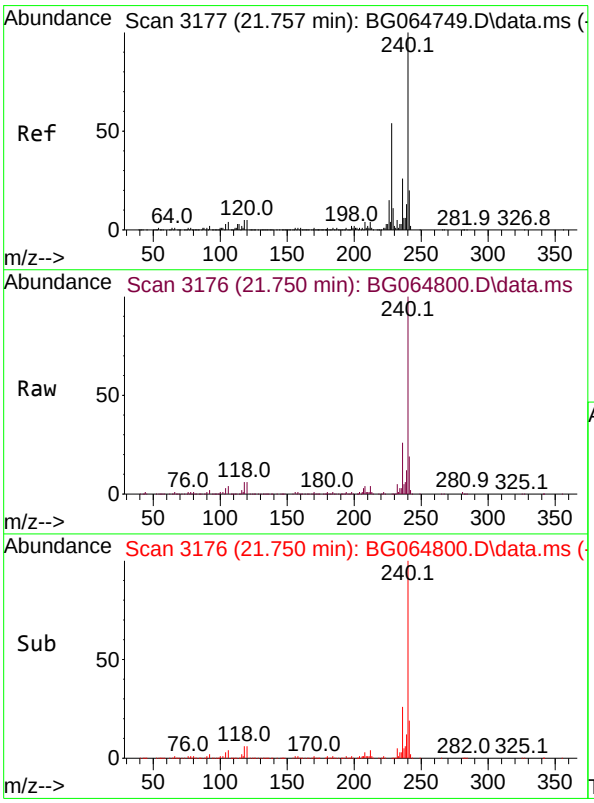

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BL

Tgt Ion:188 Resp: 299804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 4.7 | 7.1 |
| 80 | 6.5 | 5.4 | 8.2 |

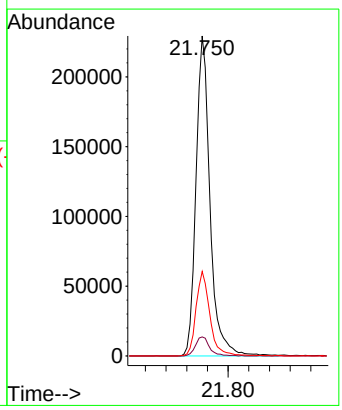


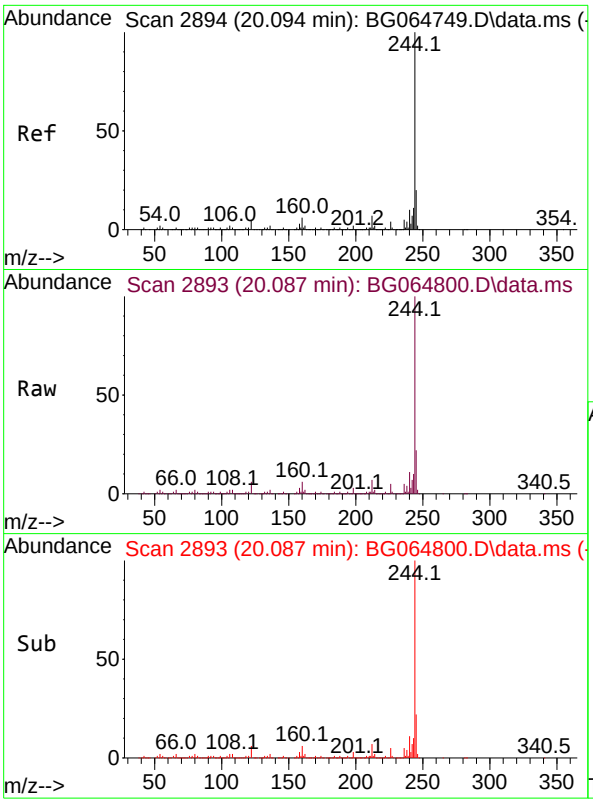




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:240 Resp: 430208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.9 | 4.2 | 6.4 |
| 236 | 26.4 | 20.8 | 31.2 |



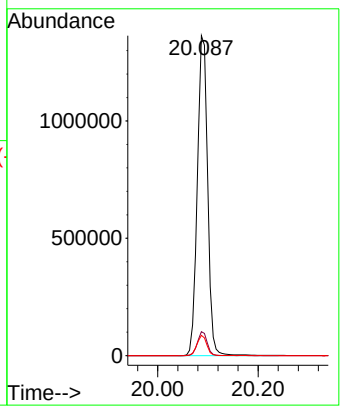


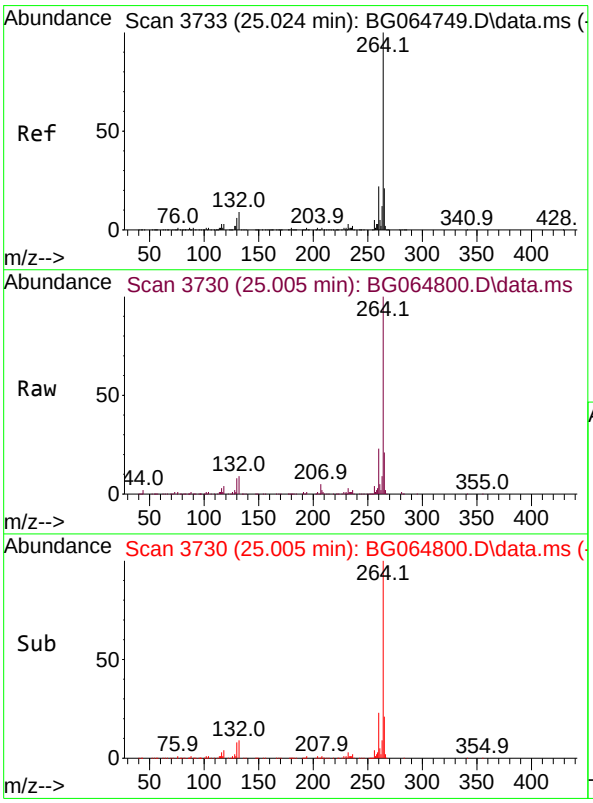

#79
Terphenyl-d14
Concen: 88.977 ng
RT: 20.087 min Scan# 28
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BL

Tgt Ion:244 Resp: 1945948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 5.8 | 8.6 |
| 122 | 6.3 | 4.3 | 6.5 |

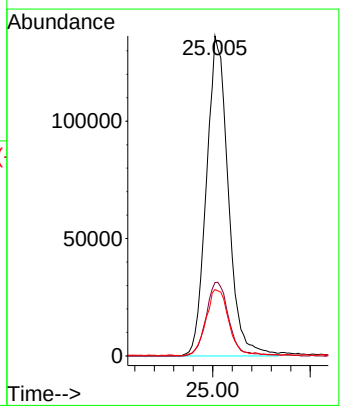



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.005 min Scan# 3730
Delta R.T. -0.019 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:264 Resp: 423715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 17.2 | 25.8 |
| 265 | 20.7 | 16.6 | 25.0 |



Raw Data: **BG064801.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | |
| Project: | NJ Soil PT | | | Date Received: | |
| Client Sample ID: | PB170598BS | | | SDG No.: | Q3483 |
| Lab Sample ID: | PB170598BS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 62-75-9 | n-Nitrosodimethylamine | 1300 | | 1 | 33.5 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 110-86-1 | Pyridine | 1000 | | 1 | 39.2 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 100-52-7 | Benzaldehyde | 700 | | 1 | 160 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 62-53-3 | Aniline | 1000 | | 1 | 49.7 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 108-95-2 | Phenol | 1600 | | 1 | 22.1 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 111-44-4 | bis(2-Chloroethyl)ether | 1400 | | 1 | 24.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 95-57-8 | 2-Chlorophenol | 1500 | | 1 | 24.4 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 95-50-1 | 1,2-Dichlorobenzene | 1400 | | 1 | 19.4 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 541-73-1 | 1,3-Dichlorobenzene | 1400 | | 1 | 17.7 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 106-46-7 | 1,4-Dichlorobenzene | 1400 | | 1 | 18.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 100-51-6 | Benzyl Alcohol | 1500 | | 1 | 48.5 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 95-48-7 | 2-Methylphenol | 1500 | | 1 | 29.9 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 1300 | | 1 | 37.5 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 98-86-2 | Acetophenone | 1600 | | 1 | 29.5 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 65794-96-9 | 3+4-Methylphenols | 1500 | | 1 | 41.1 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 1400 | | 1 | 47.4 | 79.9 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 67-72-1 | Hexachloroethane | 1300 | | 1 | 17.6 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 98-95-3 | Nitrobenzene | 1400 | | 1 | 18.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 78-59-1 | Isophorone | 1400 | | 1 | 32.8 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 88-75-5 | 2-Nitrophenol | 1500 | | 1 | 58.1 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 105-67-9 | 2,4-Dimethylphenol | 1500 | | 1 | 64.7 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 1400 | | 1 | 30.8 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 120-83-2 | 2,4-Dichlorophenol | 1600 | | 1 | 28.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1400 | | 1 | 22.6 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 65-85-0 | Benzoic acid | 1500 | | 1 | 190 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 91-20-3 | Naphthalene | 1400 | | 1 | 22.7 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 106-47-8 | 4-Chloroaniline | 730 | | 1 | 35.4 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 87-68-3 | Hexachlorobutadiene | 1300 | | 1 | 25.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 105-60-2 | Caprolactam | 1600 | | 1 | 52.0 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 59-50-7 | 4-Chloro-3-methylphenol | 1500 | | 1 | 28.7 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 91-57-6 | 2-Methylnaphthalene | 1300 | | 1 | 25.6 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 77-47-4 | Hexachlorocyclopentadiene | 2300 | | 1 | 120 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1500 | | 1 | 19.8 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1500 | | 1 | 29.1 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 92-52-4 | 1,1-Biphenyl | 1500 | | 1 | 21.8 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 91-58-7 | 2-Chloronaphthalene | 1400 | | 1 | 22.5 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 88-74-4 | 2-Nitroaniline | 1600 | | 1 | 48.1 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 131-11-3 | Dimethylphthalate | 1400 | | 1 | 27.1 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 208-96-8 | Acenaphthylene | 1400 | | 1 | 28.9 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 606-20-2 | 2,6-Dinitrotoluene | 1600 | | 1 | 33.6 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 99-09-2 | 3-Nitroaniline | 1200 | | 1 | 46.0 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 83-32-9 | Acenaphthene | 1700 | | 1 | 21.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | |
| Project: | NJ Soil PT | | | Date Received: | |
| Client Sample ID: | PB170598BS | | | SDG No.: | Q3483 |
| Lab Sample ID: | PB170598BS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 51-28-5 | 2,4-Dinitrophenol | 3100 | E | 1 | 230 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 100-02-7 | 4-Nitrophenol | 3400 | E | 1 | 110 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 132-64-9 | Dibenzofuran | 1400 | | 1 | 22.7 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 121-14-2 | 2,4-Dinitrotoluene | 1600 | | 1 | 50.0 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 84-66-2 | Diethylphthalate | 1500 | | 1 | 28.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1400 | | 1 | 26.7 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 86-73-7 | Fluorene | 1400 | | 1 | 25.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 100-01-6 | 4-Nitroaniline | 1600 | | 1 | 64.1 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1700 | | 1 | 100 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 86-30-6 | n-Nitrosodiphenylamine | 1500 | | 1 | 32.9 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 103-33-3 | Azobenzene | 1500 | | 1 | 29.2 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 101-55-3 | 4-Bromophenyl-phenylether | 1400 | | 1 | 27.8 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 118-74-1 | Hexachlorobenzene | 1400 | | 1 | 25.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 1912-24-9 | Atrazine | 1400 | | 1 | 34.0 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 87-86-5 | Pentachlorophenol | 3100 | E | 1 | 51.2 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 85-01-8 | Phenanthrene | 1400 | | 1 | 20.9 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 120-12-7 | Anthracene | 1400 | | 1 | 33.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 86-74-8 | Carbazole | 1500 | | 1 | 31.2 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 84-74-2 | Di-n-butylphthalate | 1400 | | 1 | 47.9 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 206-44-0 | Fluoranthene | 1400 | | 1 | 30.0 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 92-87-5 | Benzidine | 600 | | 1 | 150 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 129-00-0 | Pyrene | 1600 | | 1 | 36.0 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 85-68-7 | Butylbenzylphthalate | 1500 | | 1 | 71.3 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 91-94-1 | 3,3-Dichlorobenzidine | 980 | | 1 | 36.7 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 56-55-3 | Benzo(a)anthracene | 1400 | | 1 | 23.0 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 218-01-9 | Chrysene | 1400 | | 1 | 19.9 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1400 | | 1 | 59.1 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 117-84-0 | Di-n-octyl phthalate | 1400 | | 1 | 86.7 | 330 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 205-99-2 | Benzo(b)fluoranthene | 1600 | | 1 | 19.0 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 207-08-9 | Benzo(k)fluoranthene | 1600 | | 1 | 22.4 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 50-32-8 | Benzo(a)pyrene | 1600 | | 1 | 29.5 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1600 | | 1 | 29.1 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1600 | | 1 | 27.4 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 191-24-2 | Benzo(g,h,i)perylene | 1600 | | 1 | 25.7 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1500 | | 1 | 25.6 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 123-91-1 | 1,4-Dioxane | 1100 | | 1 | 45.2 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1700 | | 1 | 27.4 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| 90-12-0 | 1-Methylnaphthalene | 1300 | | 1 | 25.8 | 170 | ug/Kg | 11/18/25 13:34 | PB170598 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 130 | | | 10 - 105 | 86% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 131 | | | 10 - 103 | 87% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 78.2 | | | 10 - 108 | 78% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 75.9 | | | 10 - 108 | 76% | SPK: 100 | | |

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | |
| Project: | NJ Soil PT | | | Date Received: | |
| Client Sample ID: | PB170598BS | | | SDG No.: | Q3483 |
| Lab Sample ID: | PB170598BS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol | 126 | | | 10 - 116 | 84% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 83.7 | | | 10 - 109 | 84% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 43200 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 174000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 142000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 368000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 443000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 396000 | | | | | | | |

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

Sample Results: **BG064801.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064801.D
Acq On : 18 Nov 2025 13:34
Operator : RC/JU
Sample : PB170598BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 18 14:10:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.164 | 152 | 43218 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.978 | 136 | 173831 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.773 | 164 | 141529 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.506 | 188 | 367810 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.753 | 240 | 443295 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.009 | 264 | 396280 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.702 | 112 | 320607 | 129.541 | ng | 0.00 |
| 7) Phenol-d6 | 7.312 | 99 | 430380 | 130.743 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.327 | 82 | 274952 | 78.205 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.254 | 330 | 348692 | 126.326 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.404 | 172 | 769531 | 75.868 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.091 | 244 | 1887131 | 83.740 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.522 | 88 | 30686 | 32.027 | ng | 94 |
| 3) Pyridine | 3.933 | 79 | 86035 | 30.137 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.839 | 42 | 57035 | 39.253 | ng | 85 |
| 6) Aniline | 7.476 | 93 | 138071 | 31.468 | ng | 98 |
| 8) 2-Chlorophenol | 7.723 | 128 | 126216 | 46.445 | ng | 96 |
| 9) Benzaldehyde | 7.288 | 77 | 45433 | 21.084 | ng | 96 |
| 10) Phenol | 7.335 | 94 | 170064 | 47.483 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.570 | 93 | 105576 | 41.425 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 8.052 | 146 | 128261 | 41.016 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 8.199 | 146 | 133859 | 42.039 | ng | 96 |
| 14) 1,2-Dichlorobenzene | 8.522 | 146 | 131229 | 42.505 | ng | 99 |
| 15) Benzyl Alcohol | 8.393 | 79 | 124304 | 46.005 | ng | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.686 | 45 | 238139 | 39.476 | ng | 97 |
| 17) 2-Methylphenol | 8.598 | 107 | 117397 | 46.325 | ng | 99 |
| 18) Hexachloroethane | 9.262 | 117 | 47516 | 39.400 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.968 | 70 | 95063 | 42.711 | ng | 94 |
| 20) 3+4-Methylphenols | 8.927 | 107 | 159883 | 46.053 | ng | 93 |
| 22) Acetophenone | 8.986 | 105 | 221689 | 46.810 | ng | 98 |
| 24) Nitrobenzene | 9.368 | 77 | 148453 | 41.789 | ng | 99 |
| 25) Isophorone | 9.897 | 82 | 275691 | 41.177 | ng | 97 |
| 26) 2-Nitrophenol | 10.079 | 139 | 71917 | 45.009 | ng | 98 |
| 27) 2,4-Dimethylphenol | 10.138 | 122 | 127345 | 44.861 | ng | 95 |
| 28) bis(2-Chloroethoxy)met... | 10.373 | 93 | 159049 | 43.271 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.620 | 162 | 144305 | 47.349 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.843 | 180 | 158061 | 42.950 | ng | 96 |
| 31) Naphthalene | 11.031 | 128 | 403850 | 40.983 | ng | 99 |
| 32) Benzoic acid | 10.279 | 122 | 90686 | 45.600 | ng | 98 |
| 33) 4-Chloroaniline | 11.131 | 127 | 86450 | 21.931 | ng | 96 |
| 34) Hexachlorobutadiene | 11.319 | 225 | 122831 | 38.900 | ng | 97 |
| 35) Caprolactam | 11.894 | 113 | 43550m | 47.776 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.235 | 107 | 157593 | 46.458 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.623 | 142 | 277614 | 37.647 | ng | 97 |
| 38) 1-Methylnaphthalene | 12.840 | 142 | 290858 | 39.707 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.987 | 216 | 246950 | 44.836 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 12.970 | 237 | 268004 | 67.885 | ng | 96 |
| 43) 2,4,6-Trichlorophenol | 13.216 | 196 | 145125 | 44.893 | ng | 97 |

Sample Results: **BG064801.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064801.D
Acq On : 18 Nov 2025 13:34
Operator : RC/JU
Sample : PB170598BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 18 14:10:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.287 | 196 | 165963 | 45.775 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.616 | 154 | 470212 | 46.257 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.663 | 162 | 328320 | 40.997 | ng | | 98 |
| 48) 2-Nitroaniline | 13.851 | 65 | 120555 | 46.803 | ng | | 98 |
| 49) Acenaphthylene | 14.497 | 152 | 586359 | 42.858 | ng | | 97 |
| 50) Dimethylphthalate | 14.221 | 163 | 484501 | 43.337 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.339 | 165 | 102738 | 47.757 | ng | | 92 |
| 52) Acenaphthene | 14.838 | 154 | 410238 | 50.009 | ng | | 98 |
| 53) 3-Nitroaniline | 14.662 | 138 | 75948 | 35.770 | ng | | 92 |
| 54) 2,4-Dinitrophenol | 14.867 | 184 | 139949 | 93.363 | ng | | 96 |
| 55) Dibenzofuran | 15.167 | 168 | 581920 | 42.909 | ng | | 97 |
| 56) 4-Nitrophenol | 14.967 | 139 | 170404 | 101.154 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 15.120 | 165 | 153542 | 47.607 | ng | | 96 |
| 58) Fluorene | 15.813 | 166 | 457504 | 43.012 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.390 | 232 | 179384 | 50.146 | ng | | 96 |
| 60) Diethylphthalate | 15.573 | 149 | 473056 | 44.170 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.802 | 204 | 270621 | 42.394 | ng | | 99 |
| 62) 4-Nitroaniline | 15.819 | 138 | 105045 | 47.756 | ng | | 89 |
| 63) Azobenzene | 16.090 | 77 | 397385 | 44.610 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.878 | 198 | 102654 | 50.267 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 16.013 | 169 | 421718 | 43.773 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.689 | 248 | 204256 | 42.288 | ng | | 98 |
| 68) Hexachlorobenzene | 16.812 | 284 | 242834 | 41.496 | ng | | 99 |
| 69) Atrazine | 16.947 | 200 | 197821 | 42.588 | ng | | 97 |
| 70) Pentachlorophenol | 17.153 | 266 | 327276 | 93.392 | ng | | 98 |
| 71) Phenanthrene | 17.547 | 178 | 866605 | 43.063 | ng | | 99 |
| 72) Anthracene | 17.635 | 178 | 867959 | 42.298 | ng | | 99 |
| 73) Carbazole | 17.899 | 167 | 774488 | 43.904 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.446 | 149 | 850709 | 43.226 | ng | | 99 |
| 75) Fluoranthene | 19.538 | 202 | 1137730 | 41.344 | ng | | 99 |
| 77) Benzidine | 19.709 | 184 | 237348 | 17.878 | ng | | 99 |
| 78) Pyrene | 19.897 | 202 | 1185154 | 47.702 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.766 | 149 | 402517 | 46.061 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.736 | 228 | 1279527 | 42.449 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.642 | 252 | 327800 | 29.546 | ng | | 99 |
| 83) Chrysene | 21.801 | 228 | 1213460 | 42.701 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.630 | 149 | 553281 | 43.327 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.852 | 149 | 927516 | 42.020 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 28.745 | 276 | 1314214 | 48.271 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 23.974 | 252 | 1203332 | 47.716 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.045 | 252 | 1244574 | 49.123 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.862 | 252 | 1127879 | 48.213 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 28.816 | 278 | 1096913 | 49.180 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 29.909 | 276 | 1057418 | 49.262 | ng | | 95 |

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

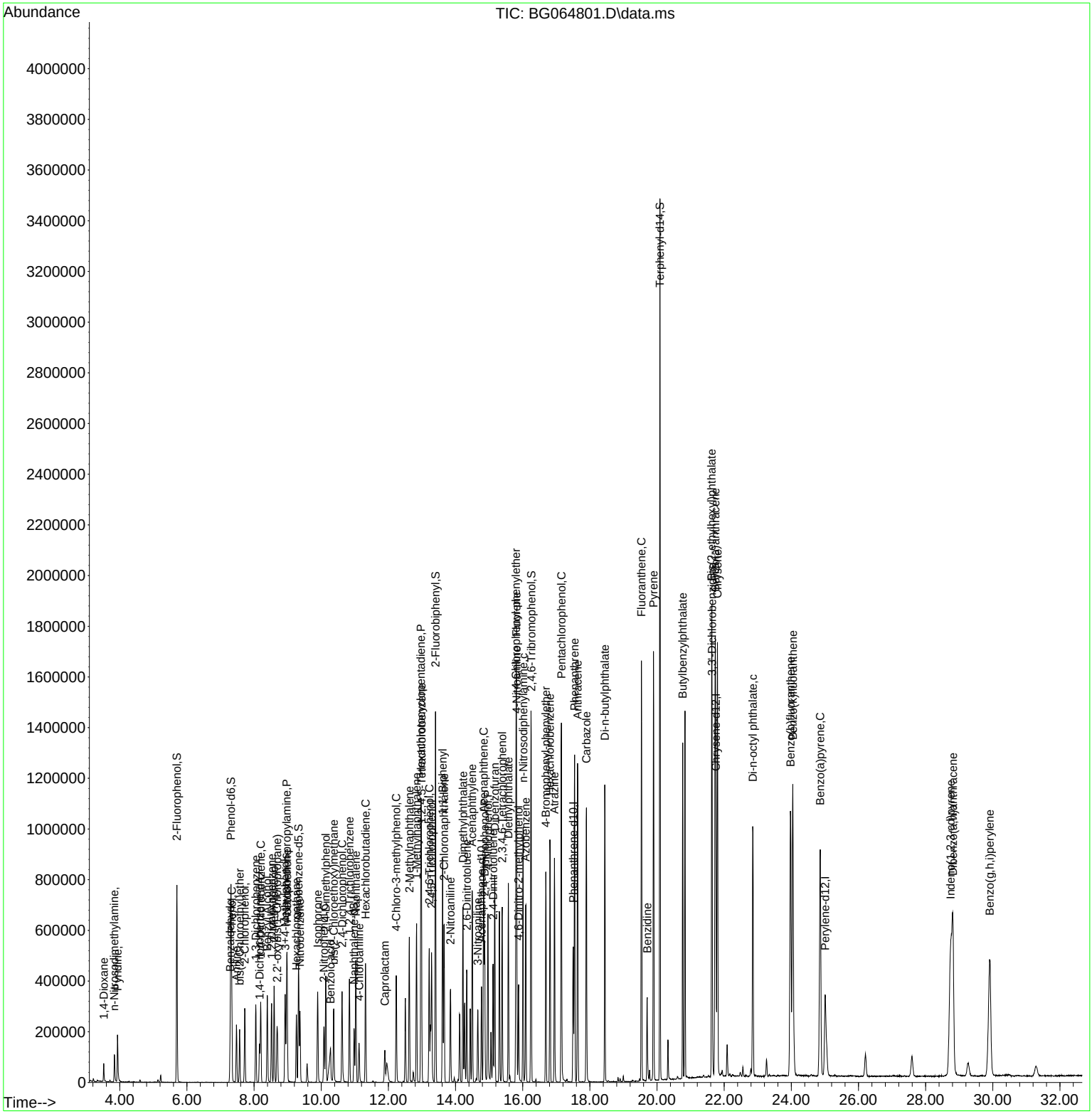
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064801.D
Acq On : 18 Nov 2025 13:34
Operator : RC/JU
Sample : PB170598BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

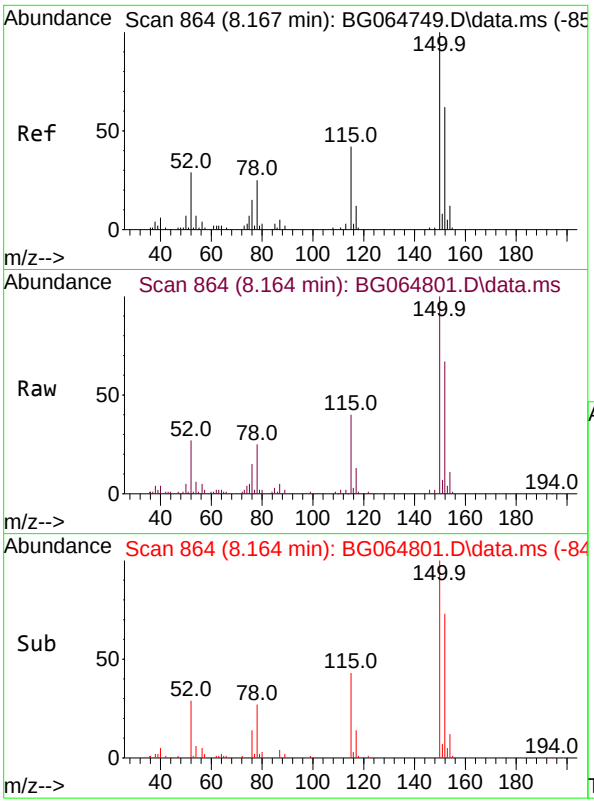
Quant Time: Nov 18 14:10:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

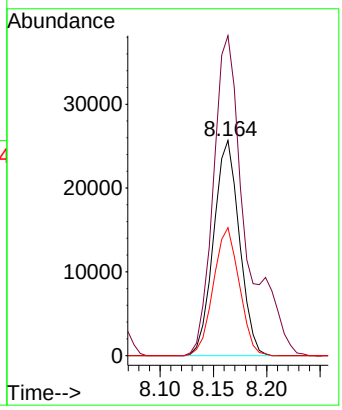





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:152 Resp: 4321

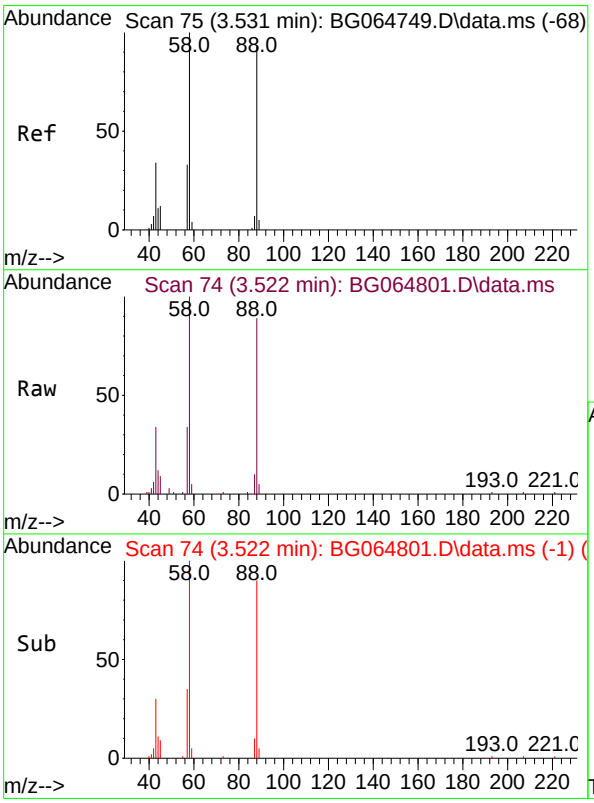
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.8 | 129.2 | 193.8 |
| 115 | 59.4 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

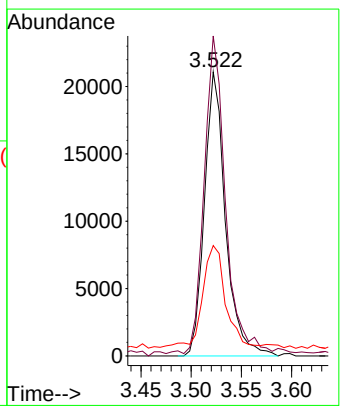
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

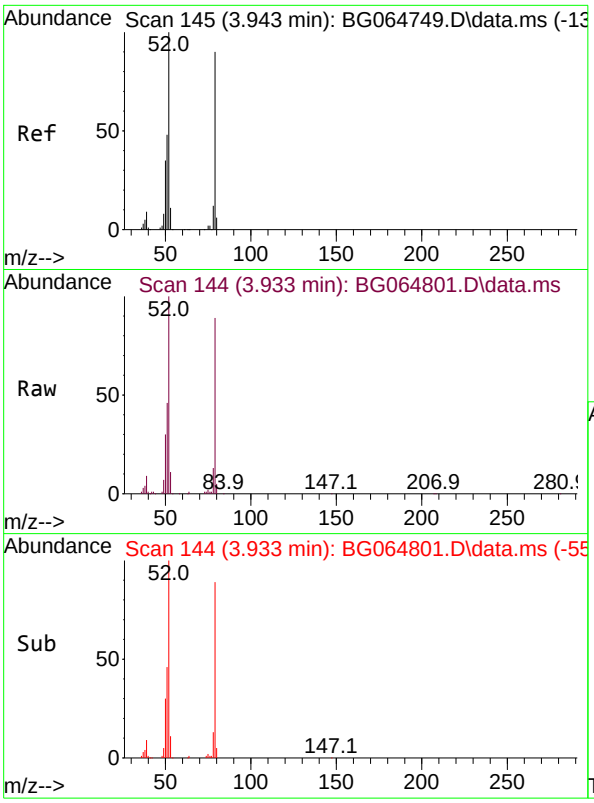



#2
1,4-Dioxane
Concen: 32.027 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 88 Resp: 30686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 112.9 | 84.6 | 126.8 |
| 43 | 38.6 | 30.0 | 45.0 |

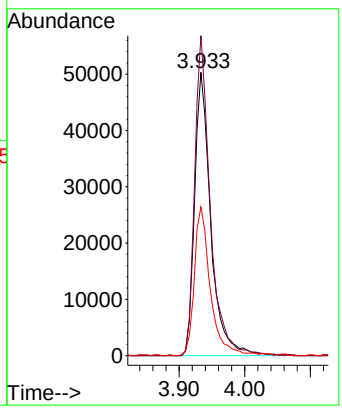





#3
Pyridine
Concen: 30.137 ng
RT: 3.933 min Scan# 14
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 79 Resp: 8603

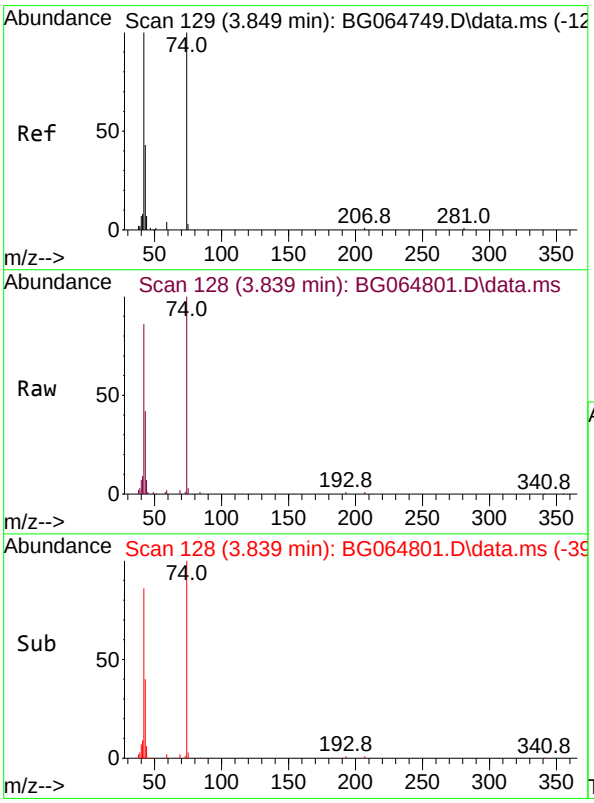
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 112.9 | 89.0 | 133.4 |
| 51 | 52.5 | 43.4 | 65.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

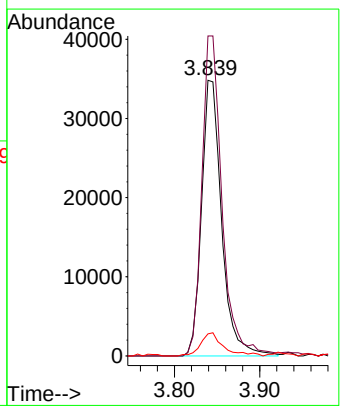
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

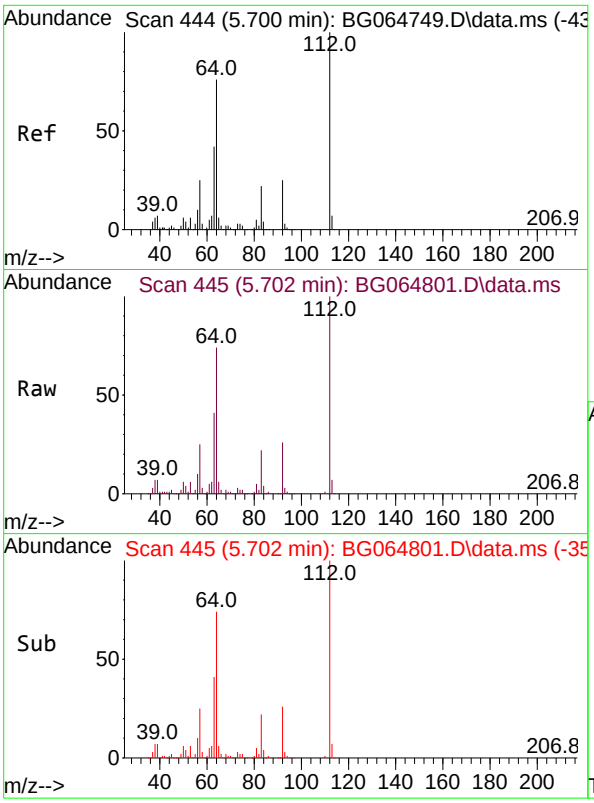



#4
n-Nitrosodimethylamine
Concen: 39.253 ng
RT: 3.839 min Scan# 128
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 42 Resp: 57035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 116.1 | 79.8 | 119.6 |
| 44 | 8.0 | 5.9 | 8.9 |

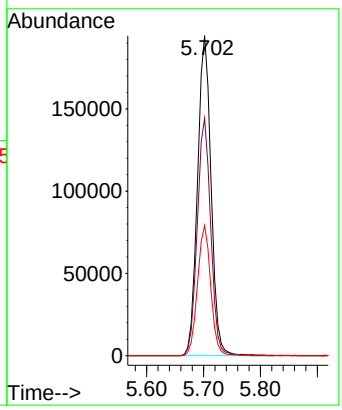





#5
2-Fluorophenol
Concen: 129.541 ng
RT: 5.702 min Scan# 44
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:112 Resp: 32060

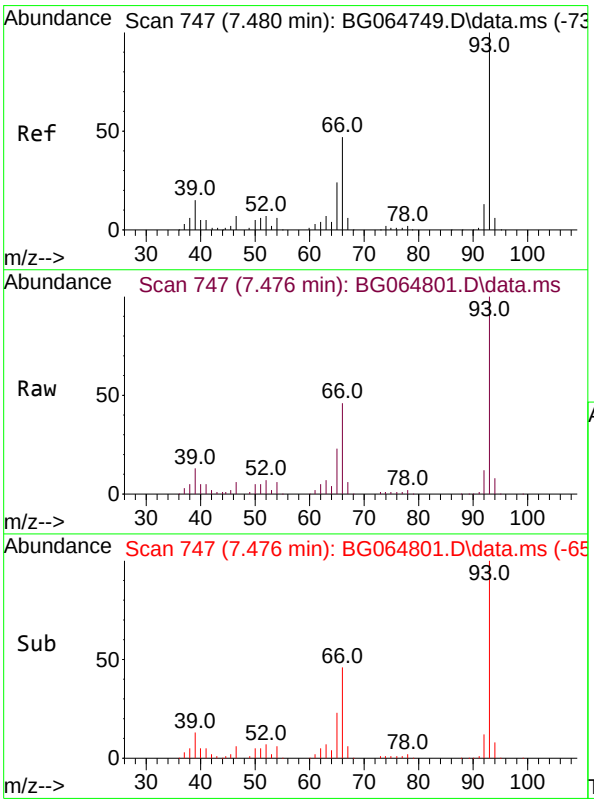
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.1 | 61.0 | 91.4 |
| 63 | 40.6 | 33.3 | 49.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

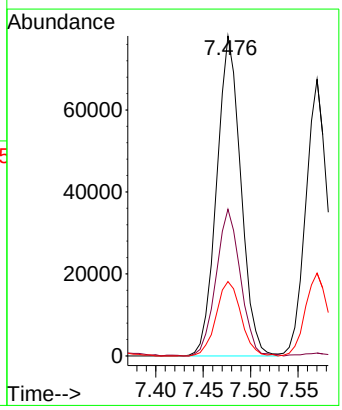
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

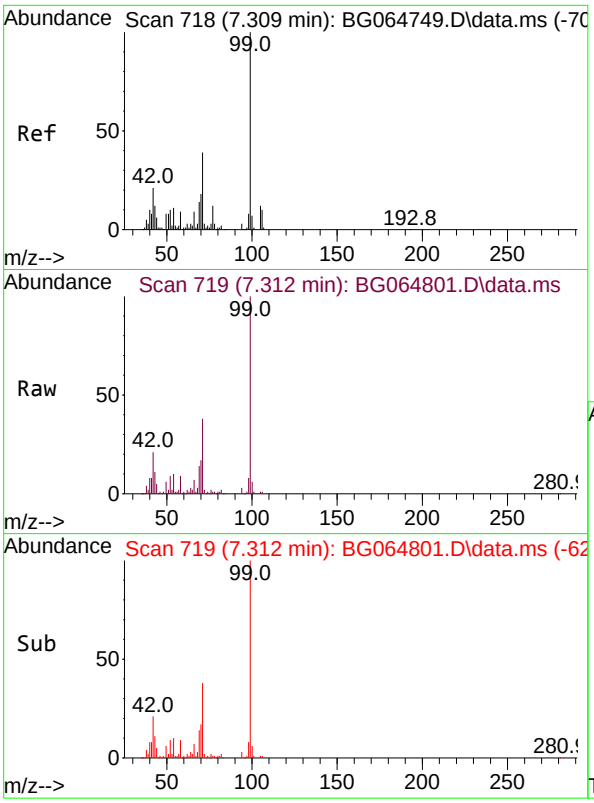



#6
Aniline
Concen: 31.468 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 93 Resp: 138071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 45.8 | 37.7 | 56.5 |
| 65 | 23.2 | 19.1 | 28.7 |

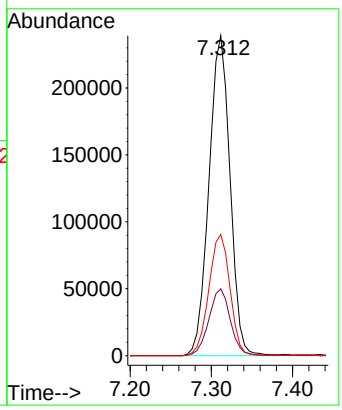





#7
Phenol-d6
Concen: 130.743 ng
RT: 7.312 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 99 Resp: 43038

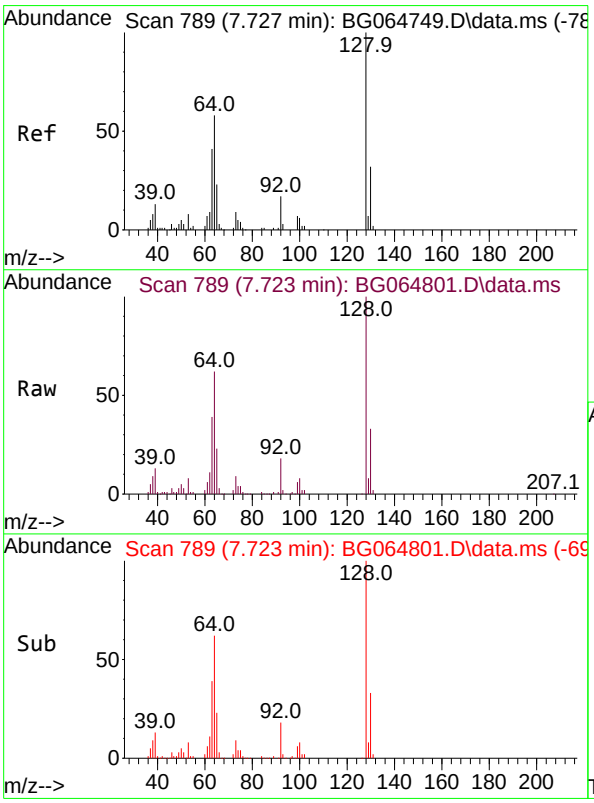
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.9 | 16.8 | 25.2 |
| 71 | 37.8 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

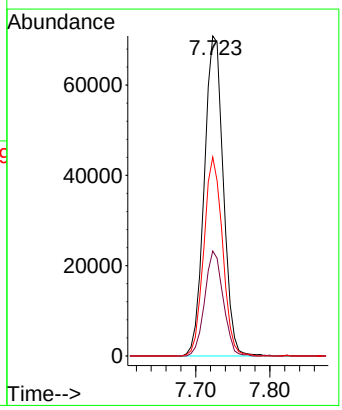
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

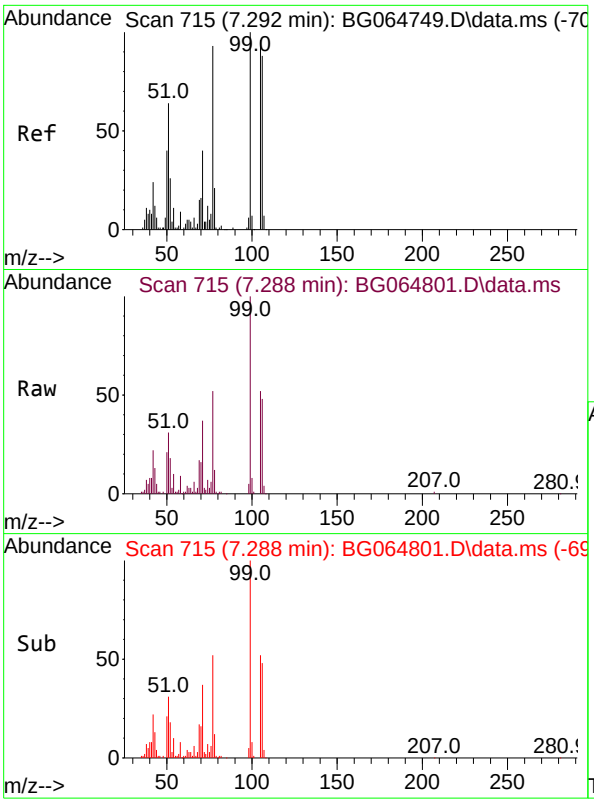



#8
2-Chlorophenol
Concen: 46.445 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:128 Resp: 126216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 11.9 | 51.9 |
| 64 | 62.1 | 38.4 | 78.4 |

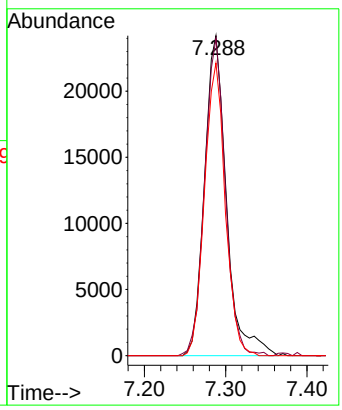





#9
Benzaldehyde
Concen: 21.084 ng
RT: 7.288 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 77 Resp: 4543

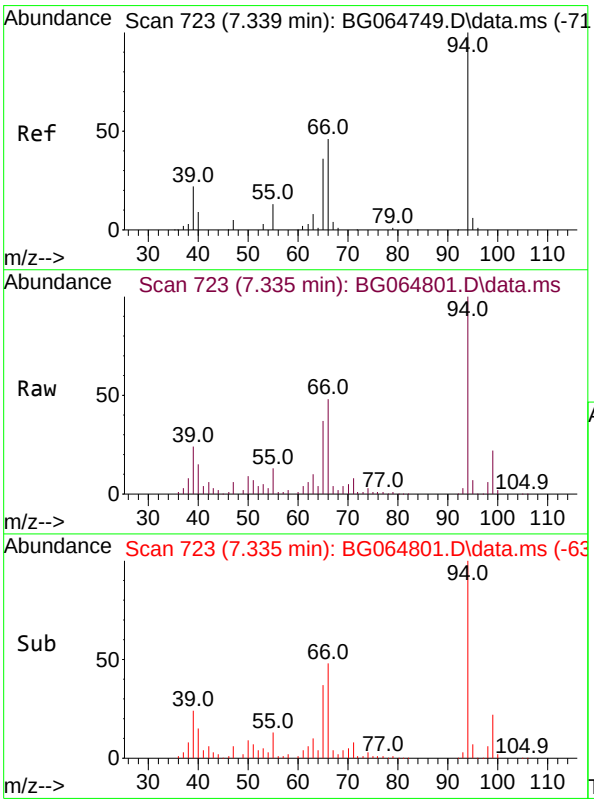
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.1 | 83.8 | 123.8 |
| 106 | 91.4 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

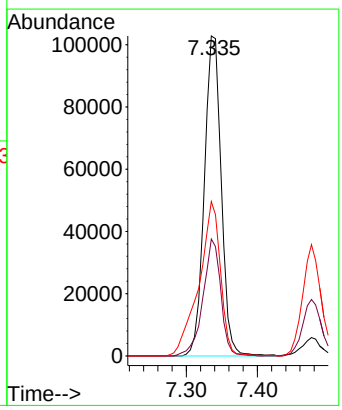
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

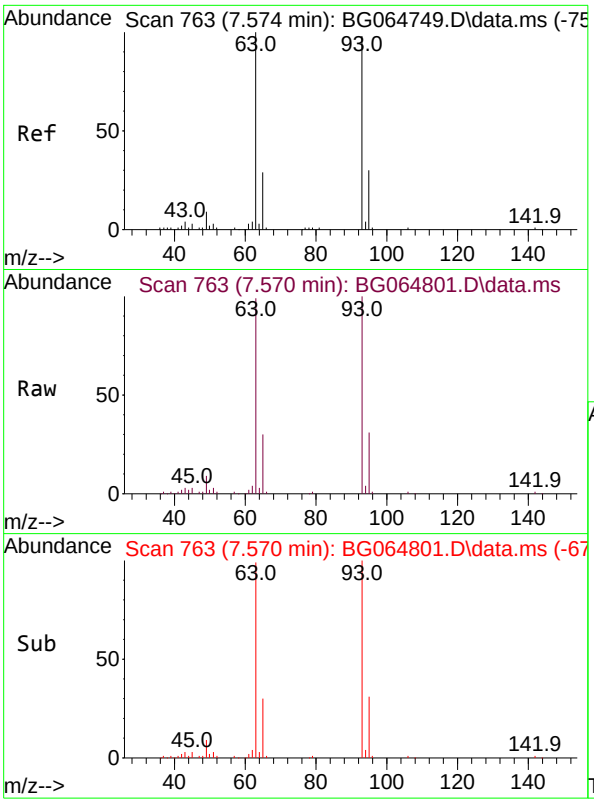



#10
Phenol
Concen: 47.483 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 94 Resp: 170064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.5 | 17.0 | 57.0 |
| 66 | 48.2 | 29.8 | 69.8 |

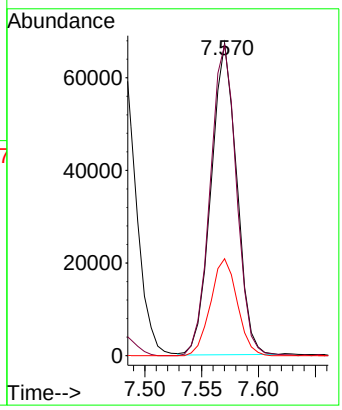





#11
bis(2-Chloroethyl)ether
Concen: 41.425 ng
RT: 7.570 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 93 Resp: 10557

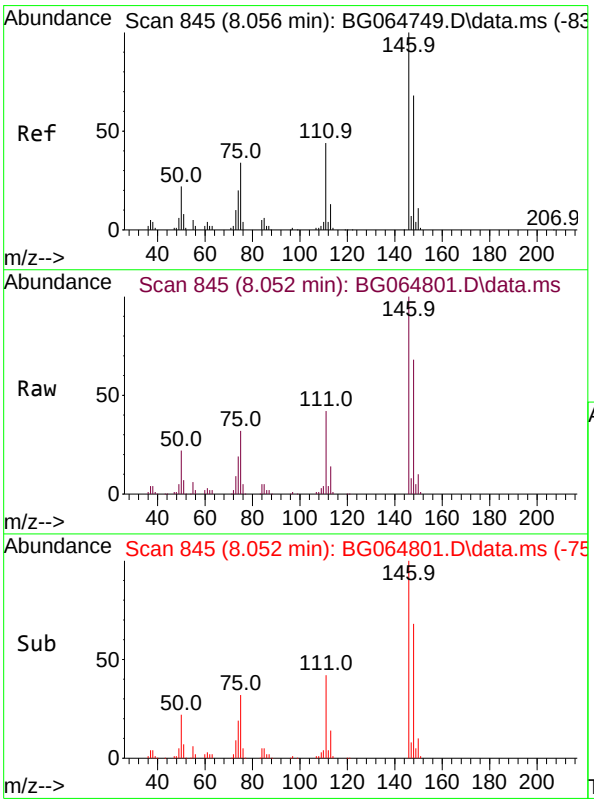
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 99.4 | 81.8 | 121.8 |
| 95 | 31.0 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

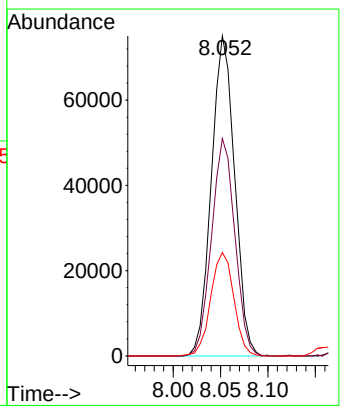
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

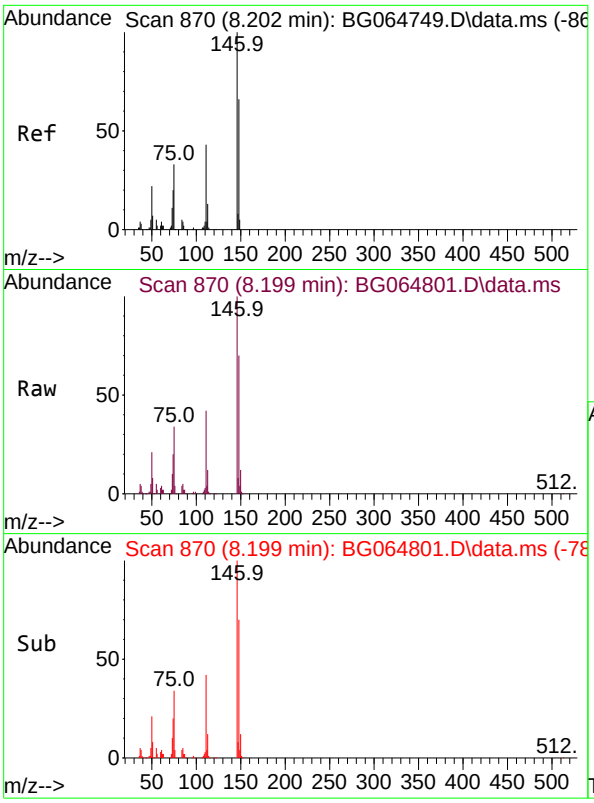



#12
1,3-Dichlorobenzene
Concen: 41.016 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:146 Resp: 128261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.9 | 54.6 | 82.0 |
| 75 | 32.3 | 27.6 | 41.4 |

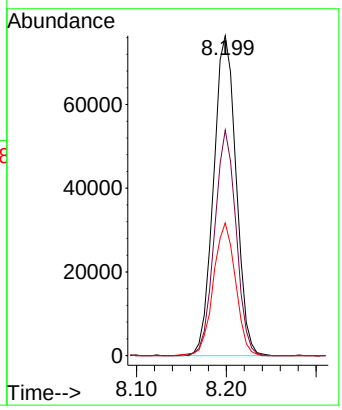





#13
1,4-Dichlorobenzene
Concen: 42.039 ng
RT: 8.199 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:146 Resp: 13385

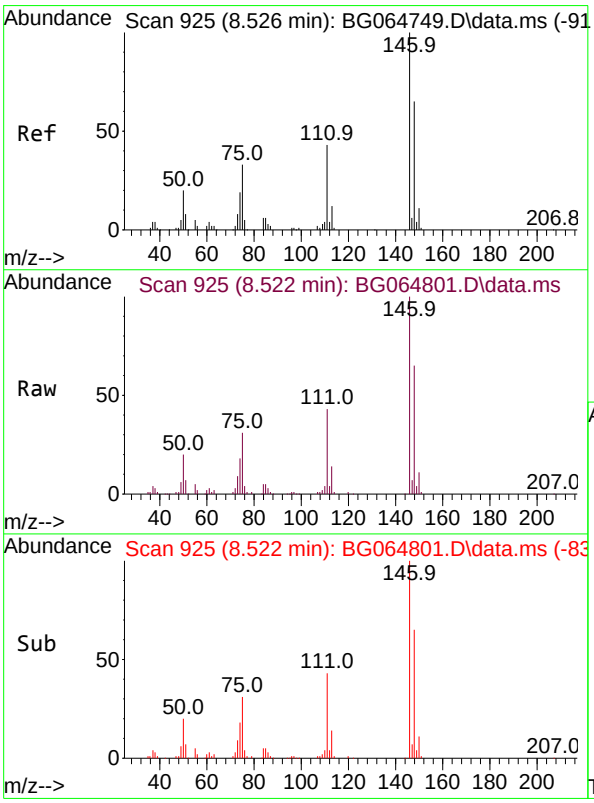
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.5 | 53.1 | 79.7 |
| 111 | 41.5 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

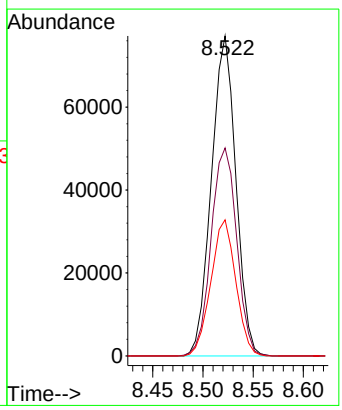
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

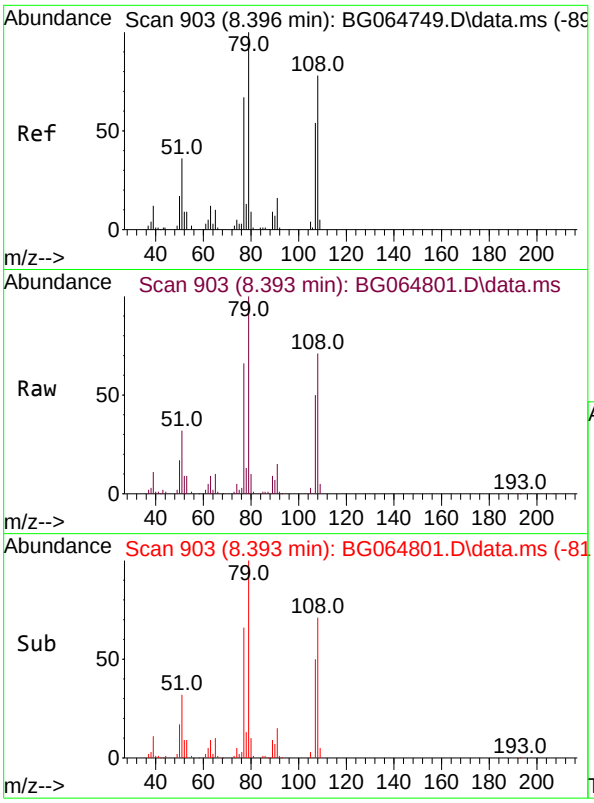



#14
1,2-Dichlorobenzene
Concen: 42.505 ng
RT: 8.522 min Scan# 925
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:146 Resp: 131229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 52.0 | 78.0 |
| 111 | 42.5 | 34.7 | 52.1 |






#15
Benzyl Alcohol
Concen: 46.005 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

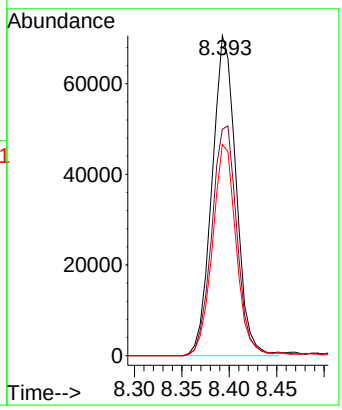
Tgt Ion: 79 Resp: 12430

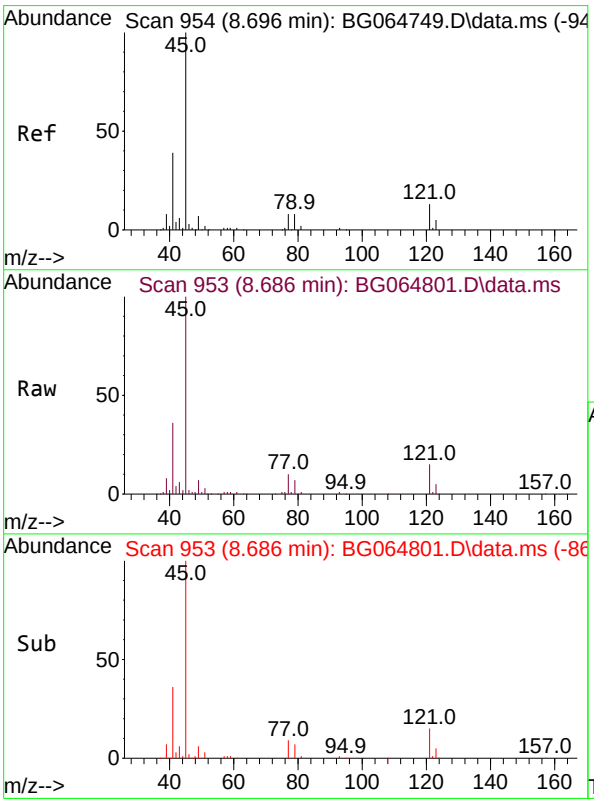
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 70.7 | 62.3 | 93.5 |
| 77 | 66.0 | 53.5 | 80.3 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

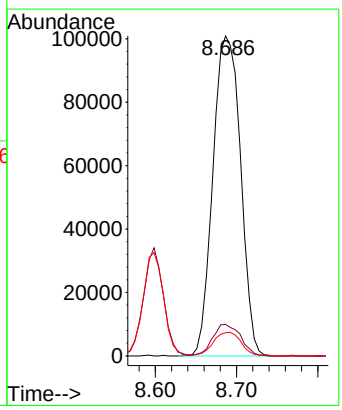


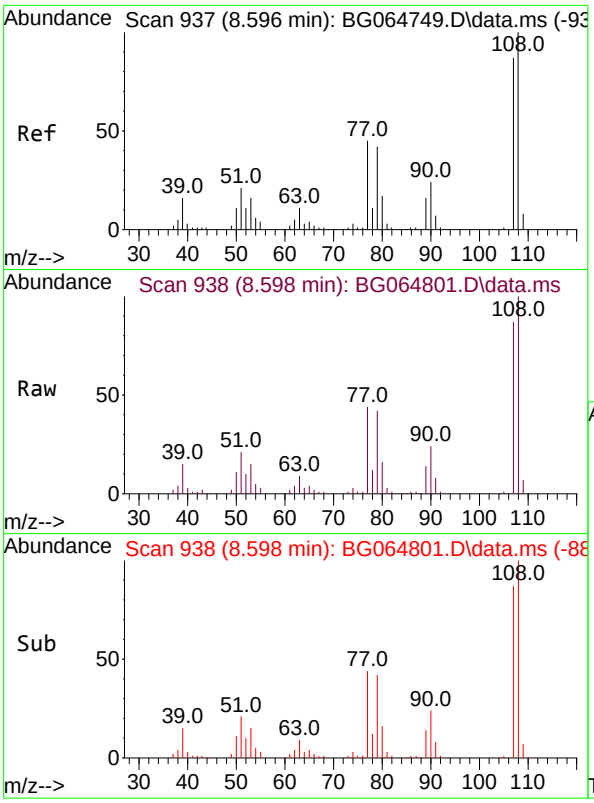




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.476 ng
RT: 8.686 min Scan# 953
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 45 Resp: 238139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.8 | 0.0 | 28.8 |
| 79 | 7.2 | 0.0 | 28.1 |

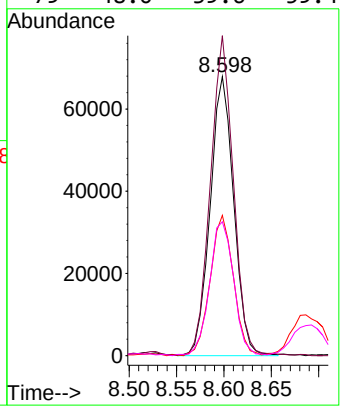





#17
2-Methylphenol
Concen: 46.325 ng
RT: 8.598 min Scan# 9
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:107 Resp: 11739

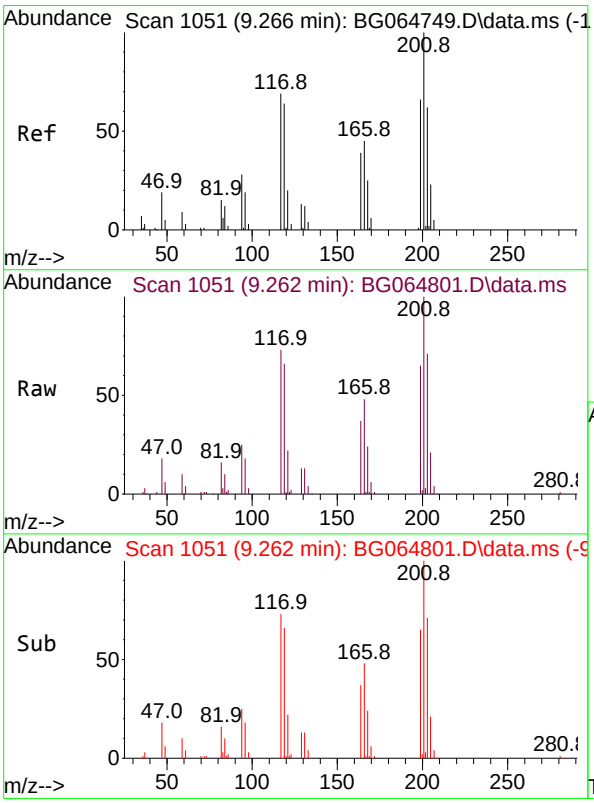
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.7 | 92.6 | 138.8 |
| 77 | 50.3 | 41.2 | 61.8 |
| 79 | 48.0 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

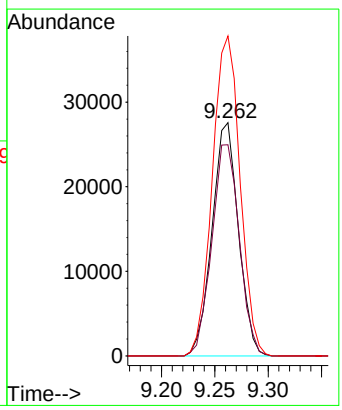
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

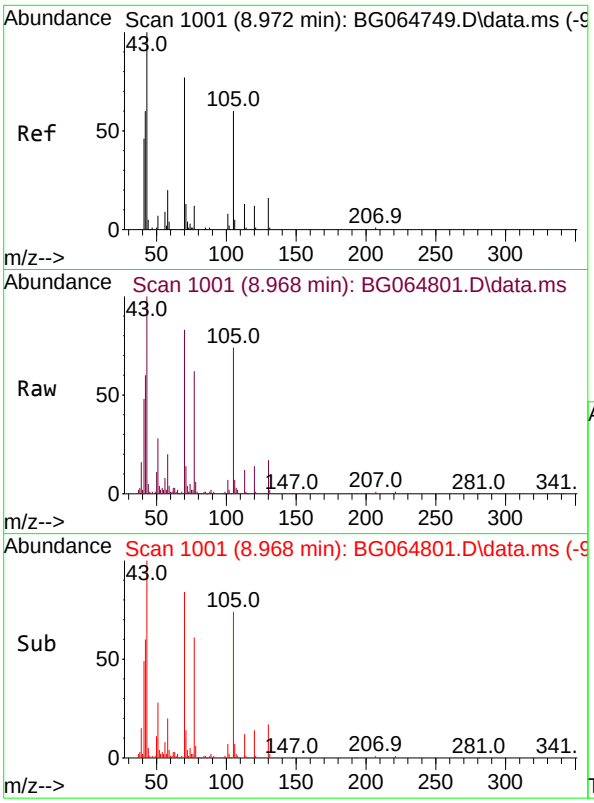



#18
Hexachloroethane
Concen: 39.400 ng
RT: 9.262 min Scan# 1051
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:117 Resp: 47516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.5 | 74.4 | 111.6 |
| 201 | 140.9 | 116.5 | 174.7 |

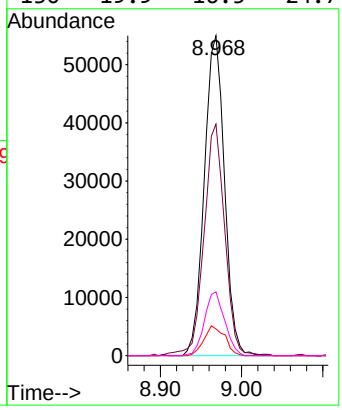





#19
n-Nitroso-di-n-propylamine
Concen: 42.711 ng
RT: 8.968 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 70 Resp: 9506

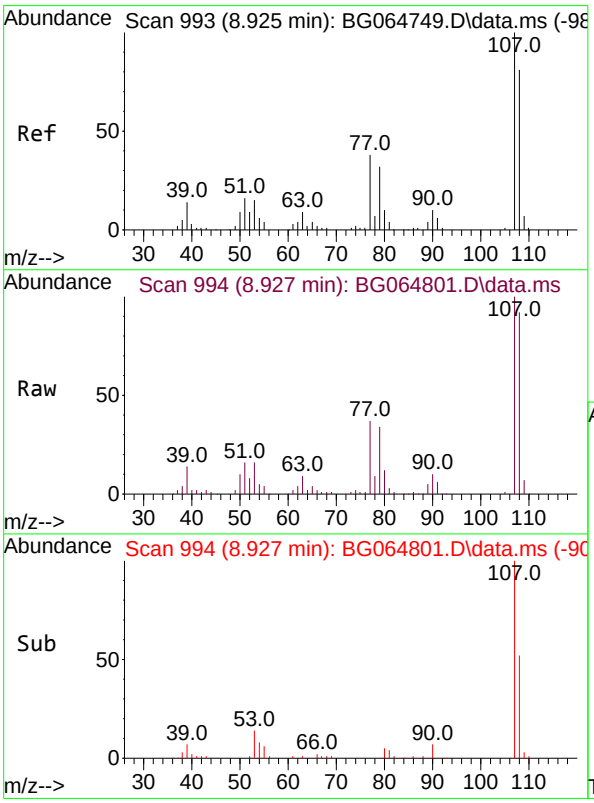
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 72.3 | 62.6 | 93.8 |
| 101 | 8.3 | 8.0 | 12.0 |
| 130 | 19.9 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

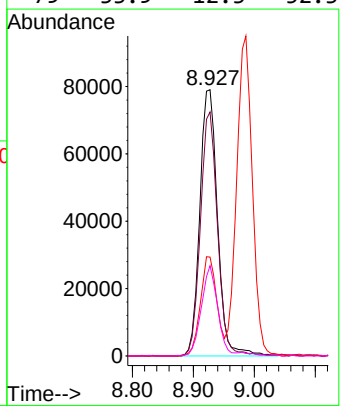
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

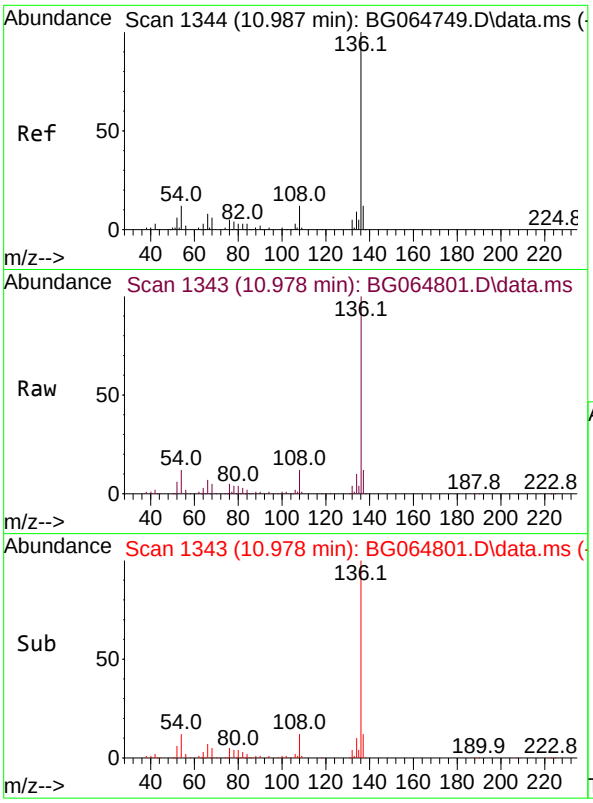



#20
3+4-Methylphenols
Concen: 46.053 ng
RT: 8.927 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:107 Resp: 159883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.6 | 61.0 | 101.0 |
| 77 | 37.1 | 17.6 | 57.6 |
| 79 | 33.9 | 12.3 | 52.3 |

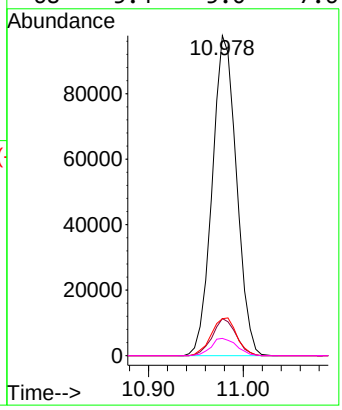





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:136 Resp: 17383

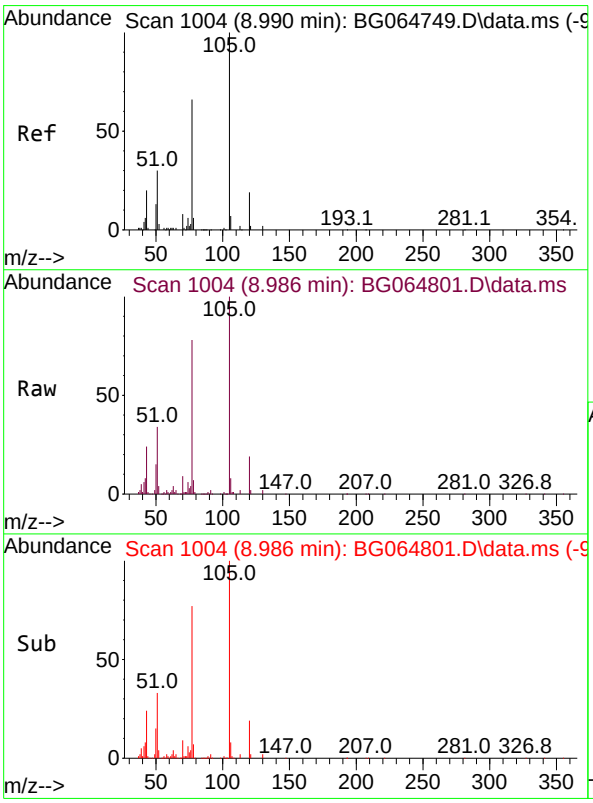
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 9.3 | 13.9 |
| 54 | 11.5 | 9.3 | 13.9 |
| 68 | 5.4 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

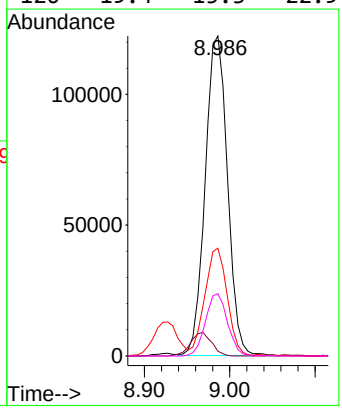
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

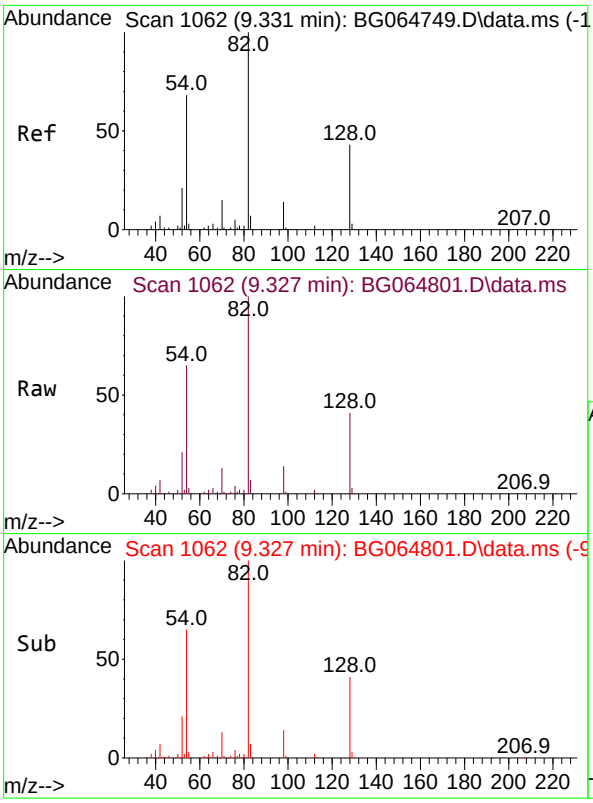



#22
Acetophenone
Concen: 46.810 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:105 Resp: 221689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.5 | 1.3 | 1.9 |
| 51 | 33.6 | 27.9 | 41.9 |
| 120 | 19.4 | 15.3 | 22.9 |

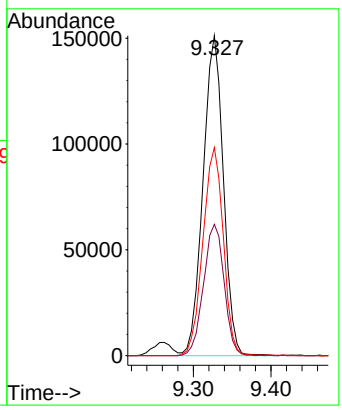





#23
Nitrobenzene-d5
Concen: 78.205 ng
RT: 9.327 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 82 Resp: 27495

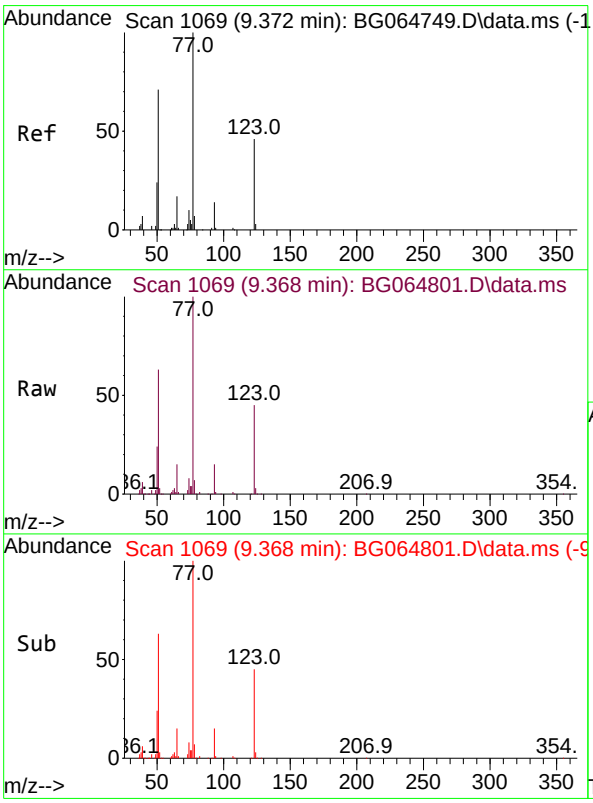
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.0 | 34.1 | 51.1 |
| 54 | 65.0 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

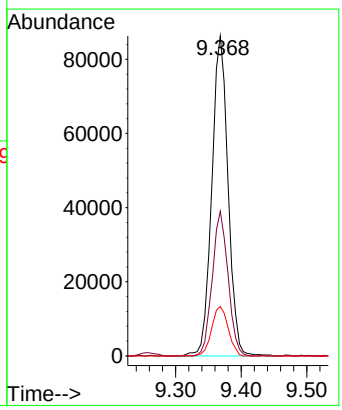
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

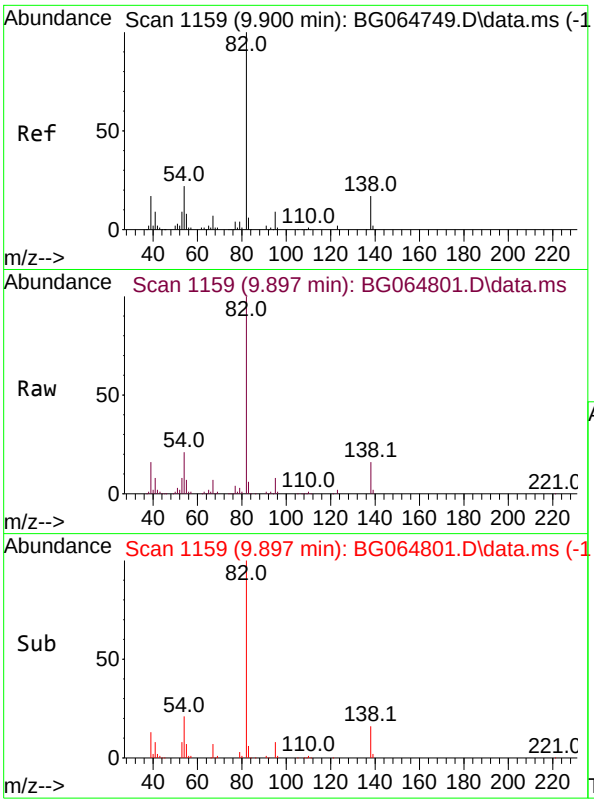



#24
Nitrobenzene
Concen: 41.789 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 77 Resp: 148453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.2 | 36.5 | 54.7 |
| 65 | 15.5 | 13.5 | 20.3 |






#25
Isophorone
Concen: 41.177 ng
RT: 9.897 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

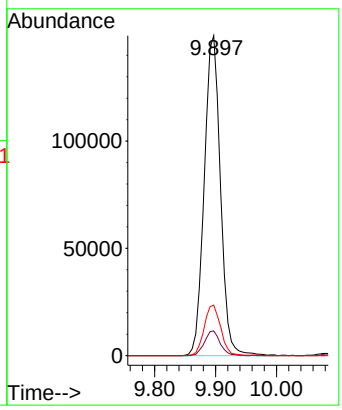
Tgt Ion: 82 Resp: 275691

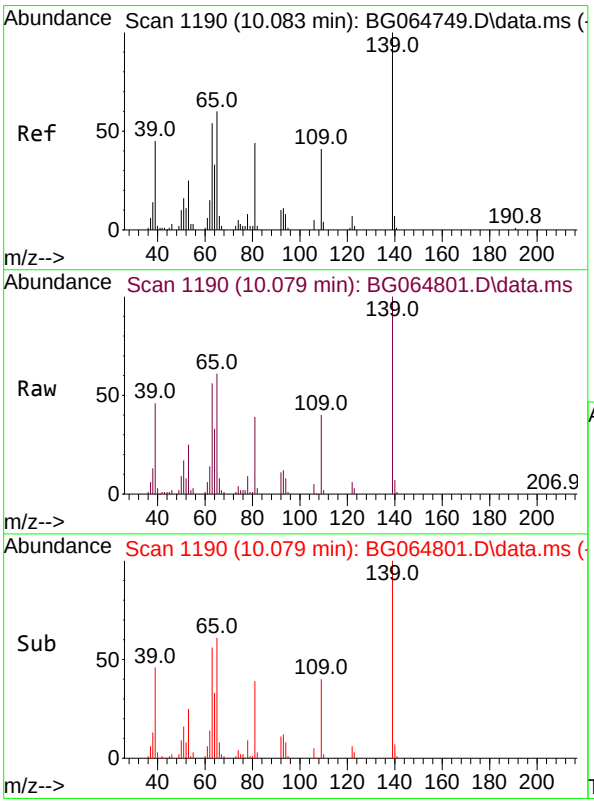
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.7 | 6.9 | 10.3 |
| 138 | 15.8 | 13.9 | 20.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
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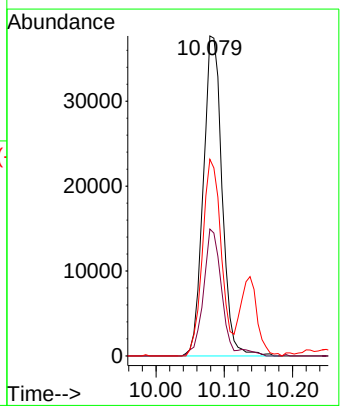


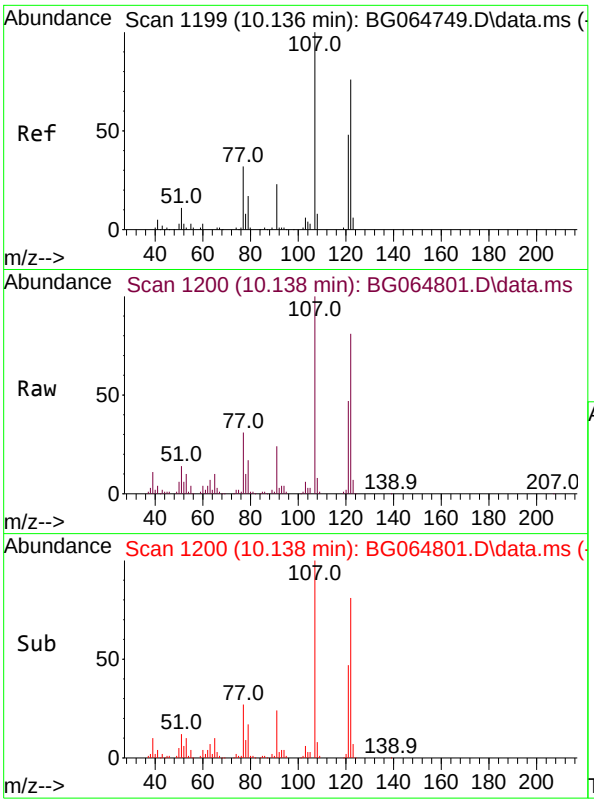




#26
2-Nitrophenol
Concen: 45.009 ng
RT: 10.079 min Scan# 1190
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:139 Resp: 71917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 39.6 | 32.5 | 48.7 |
| 65 | 61.4 | 47.6 | 71.4 |

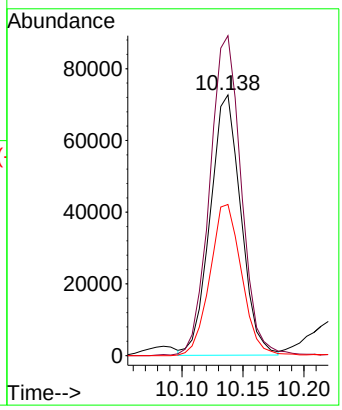





#27
2,4-Dimethylphenol
Concen: 44.861 ng
RT: 10.138 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:122 Resp: 12734

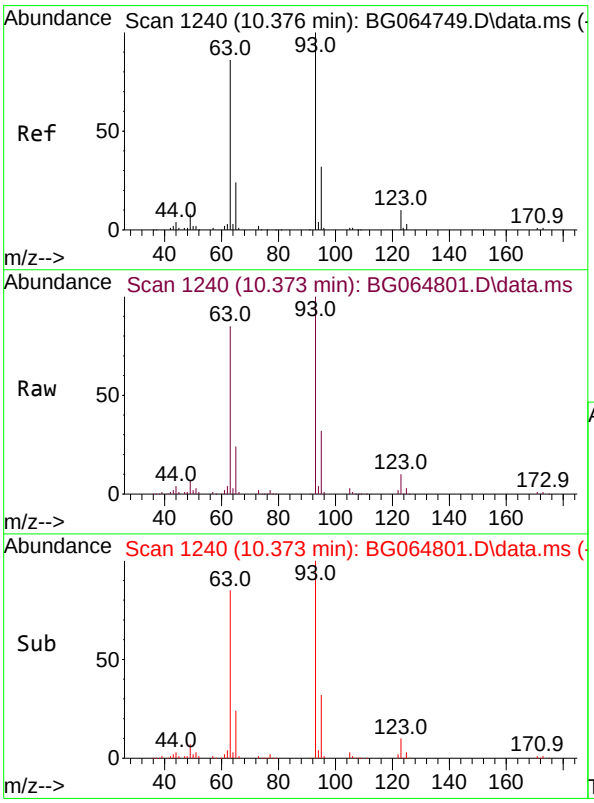
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 122.8 | 102.5 | 153.7 |
| 121 | 58.0 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

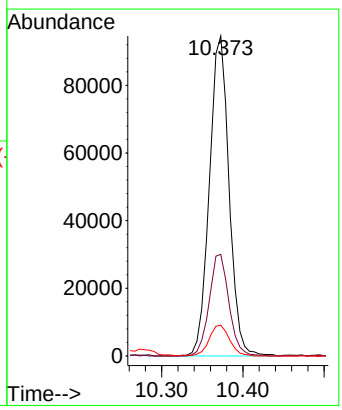
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

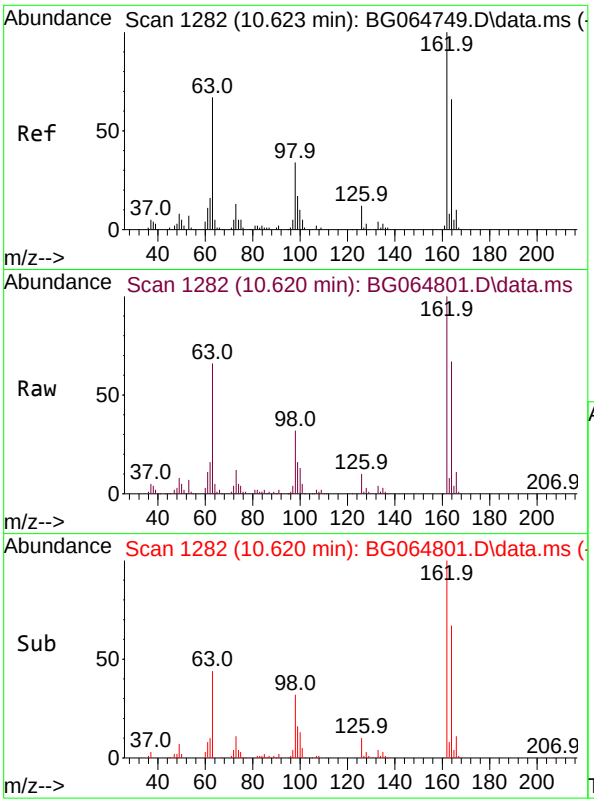



#28
bis(2-Chloroethoxy)methane
Concen: 43.271 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 93 Resp: 159049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.7 | 25.4 | 38.2 |
| 123 | 9.6 | 8.1 | 12.1 |






#29
2,4-Dichlorophenol
Concen: 47.349 ng
RT: 10.620 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

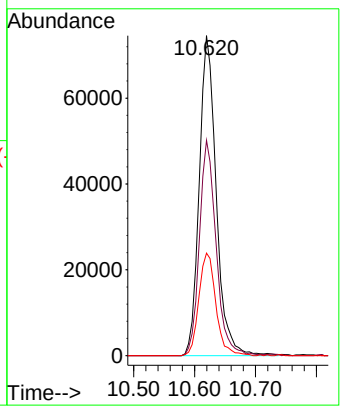
Tgt Ion:162 Resp: 14430

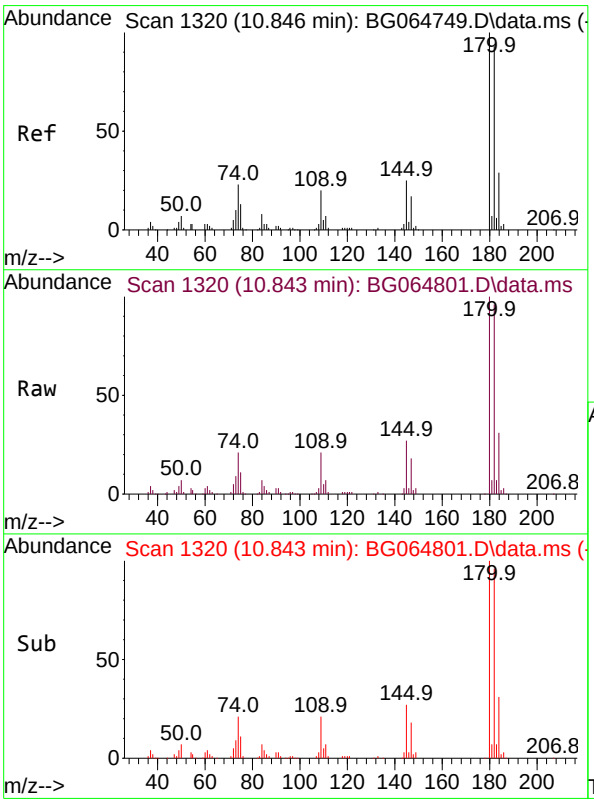
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.3 | 46.0 | 86.0 |
| 98 | 32.0 | 14.2 | 54.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
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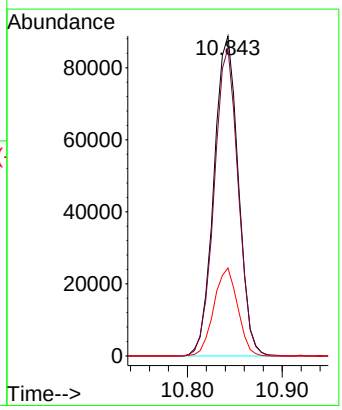


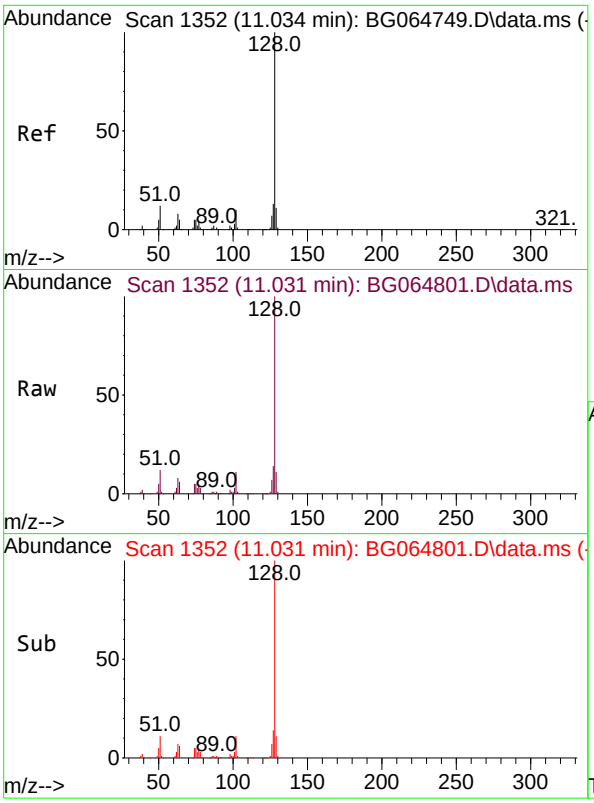




#30
1,2,4-Trichlorobenzene
Concen: 42.950 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:180 Resp: 158061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 74.2 | 111.4 |
| 145 | 27.5 | 20.0 | 30.0 |

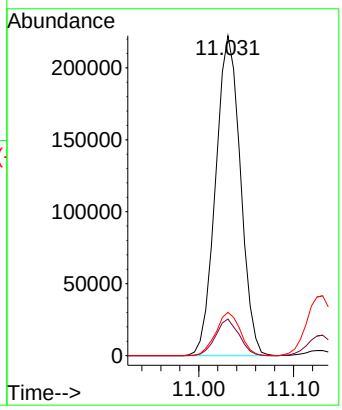





#31
Naphthalene
Concen: 40.983 ng
RT: 11.031 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:128 Resp: 40385

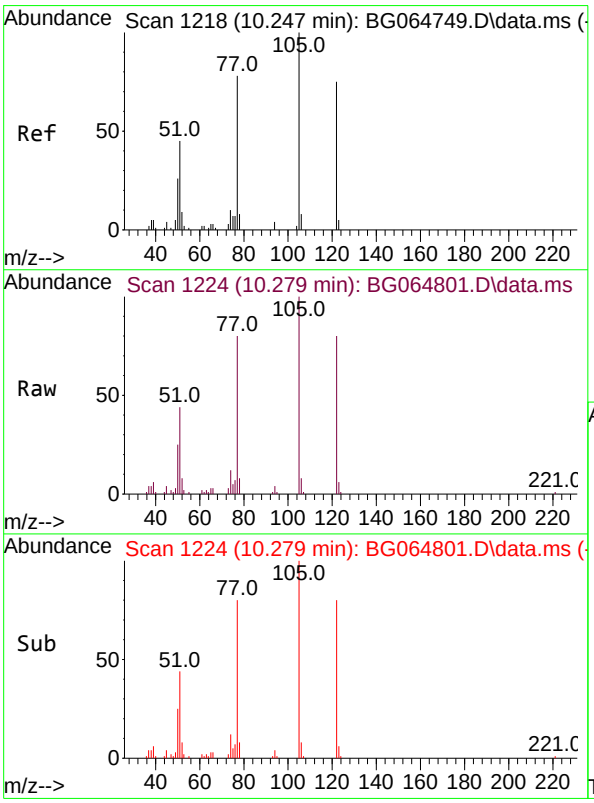
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 8.6 | 12.8 |
| 127 | 13.5 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
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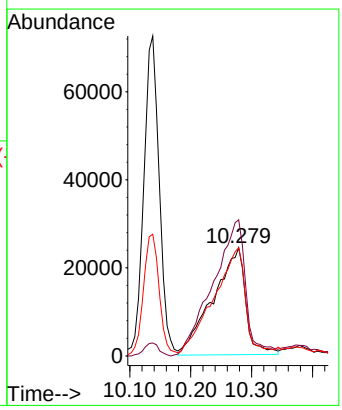
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

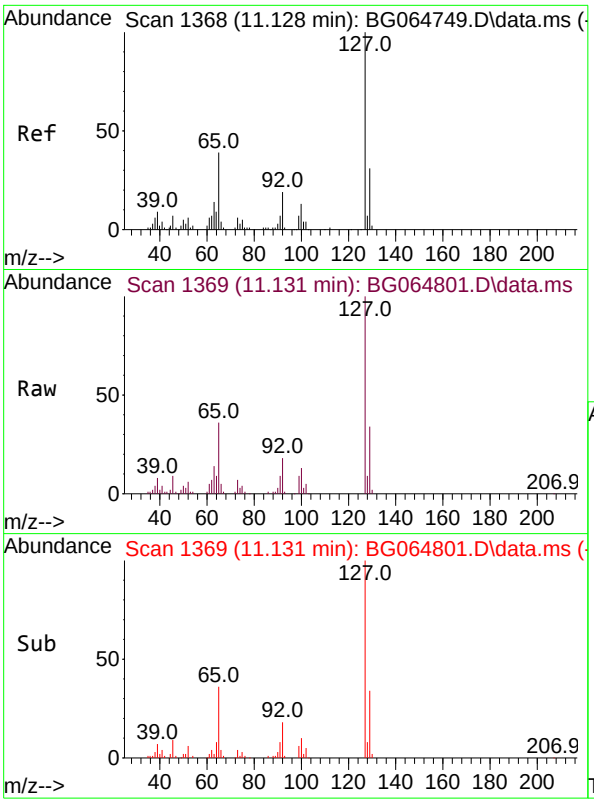



#32
Benzoic acid
Concen: 45.600 ng
RT: 10.279 min Scan# 1224
Delta R.T. 0.032 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:122 Resp: 90686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.8 | 107.6 | 147.6 |
| 77 | 100.0 | 82.5 | 122.5 |

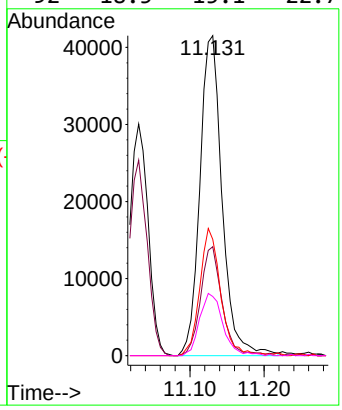





#33
4-Chloroaniline
Concen: 21.931 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:127 Resp: 8645

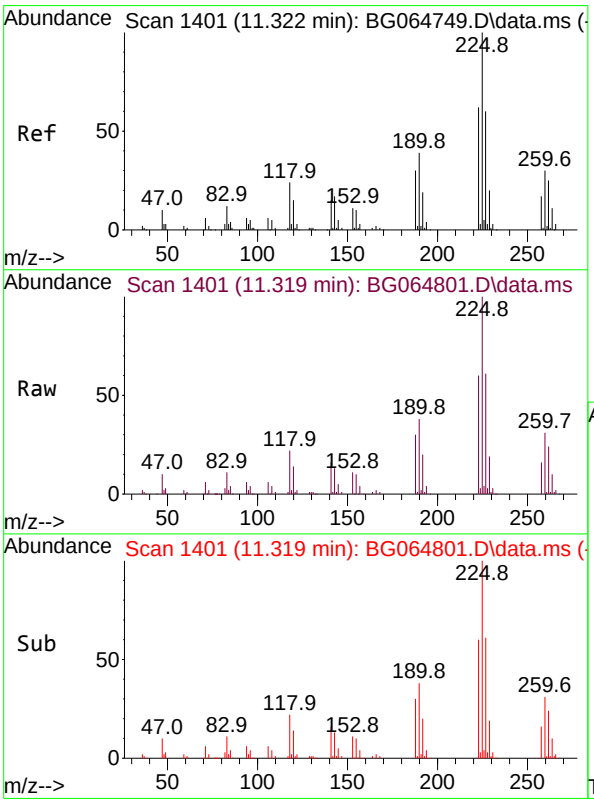
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 34.0 | 24.9 | 37.3 |
| 65 | 36.3 | 30.9 | 46.3 |
| 92 | 18.5 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
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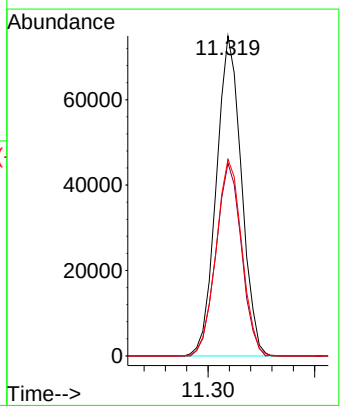
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

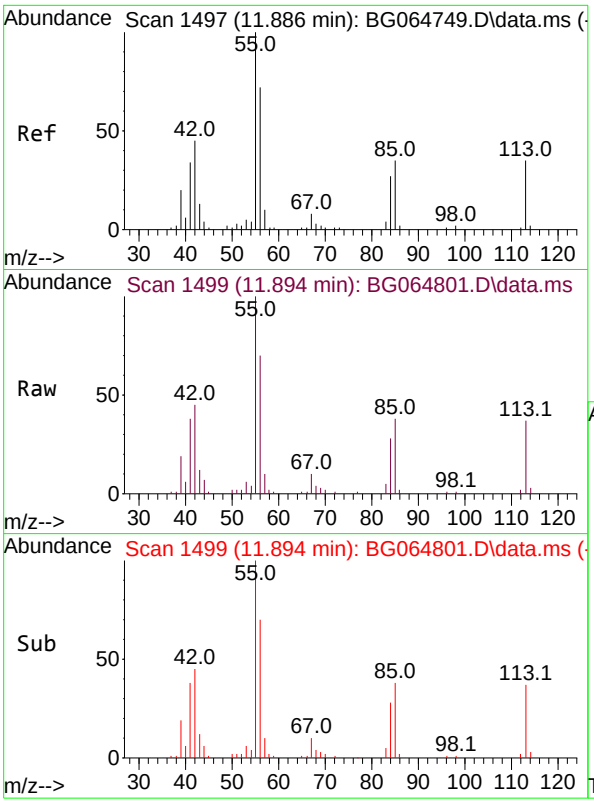



#34
Hexachlorobutadiene
Concen: 38.900 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:225 Resp: 122831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.2 | 49.9 | 74.9 |
| 227 | 61.4 | 50.6 | 75.8 |

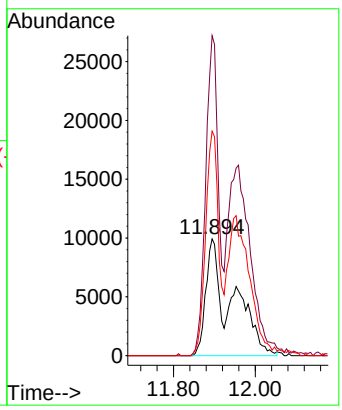





#35
Caprolactam
Concen: 47.776 ng m
RT: 11.894 min Scan# 14
Delta R.T. 0.008 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:113 Resp: 4355

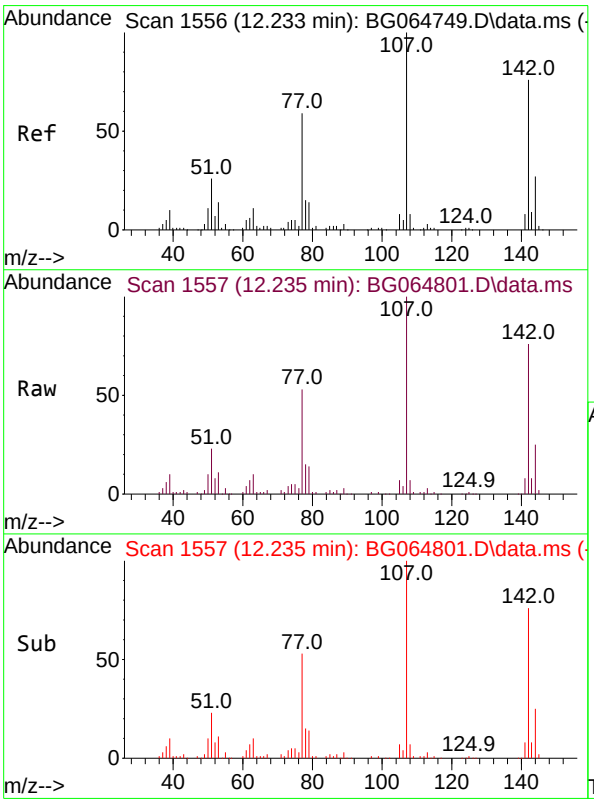
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 274.0 | 263.7 | 303.7 |
| 56 | 192.1 | 184.0 | 224.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
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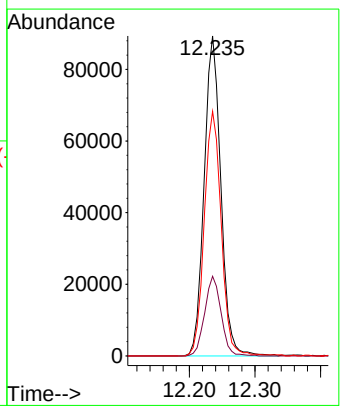
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

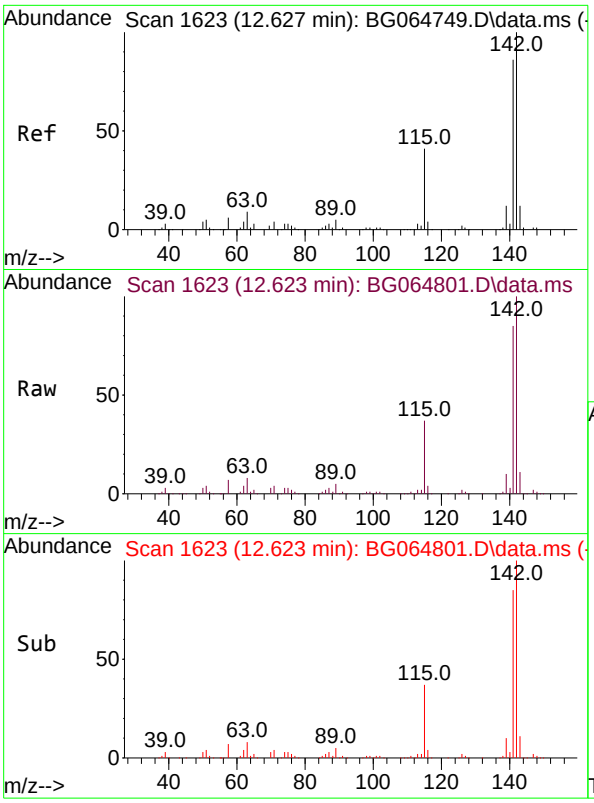



#36
4-Chloro-3-methylphenol
Concen: 46.458 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:107 Resp: 157593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.9 | 21.7 | 32.5 |
| 142 | 76.5 | 60.8 | 91.2 |

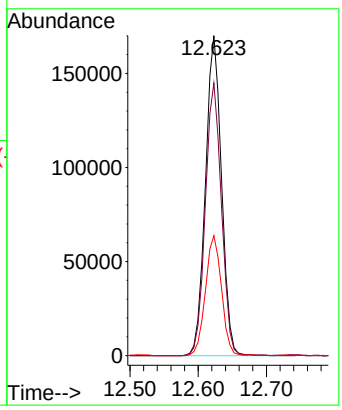





#37
2-Methylnaphthalene
Concen: 37.647 ng
RT: 12.623 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:142 Resp: 27761

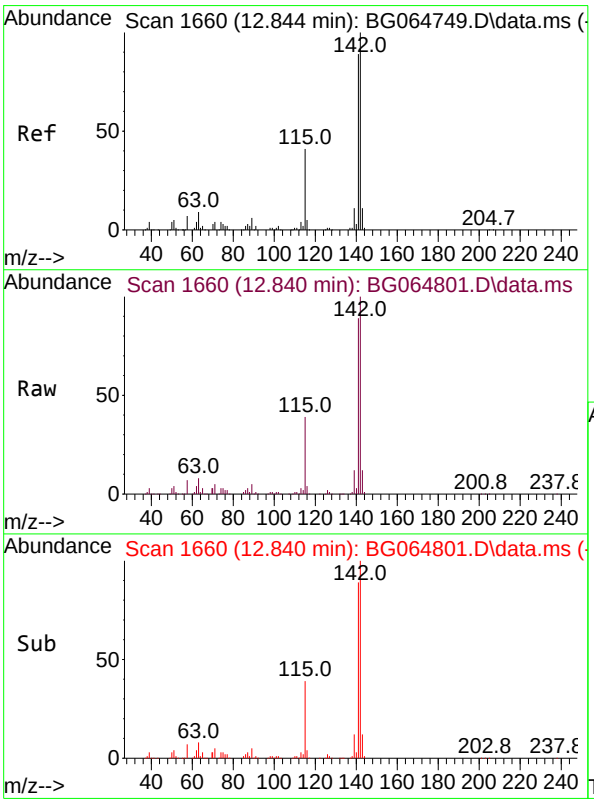
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.2 | 69.1 | 103.7 |
| 115 | 37.5 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

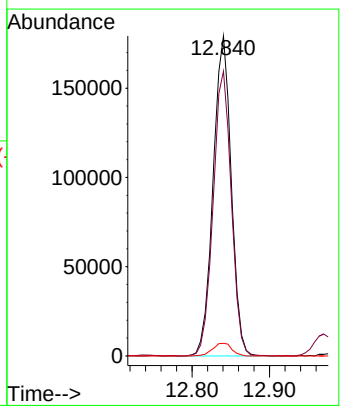
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

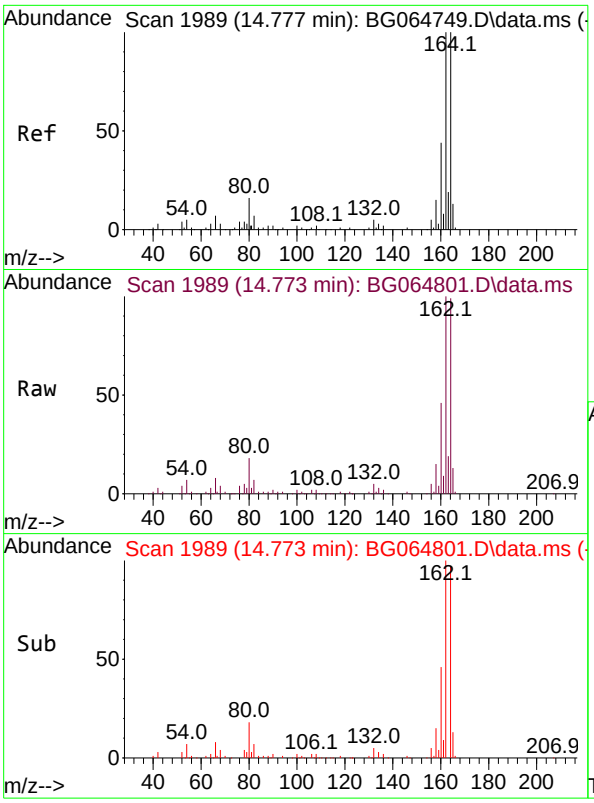



#38
1-Methylnaphthalene
Concen: 39.707 ng
RT: 12.840 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:142 Resp: 290858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 70.8 | 106.2 |
| 116 | 3.9 | 3.7 | 5.5 |

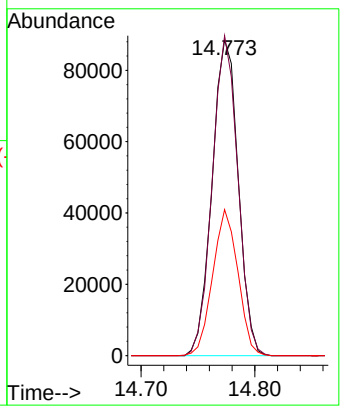





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.773 min Scan# 19
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:164 Resp: 14152

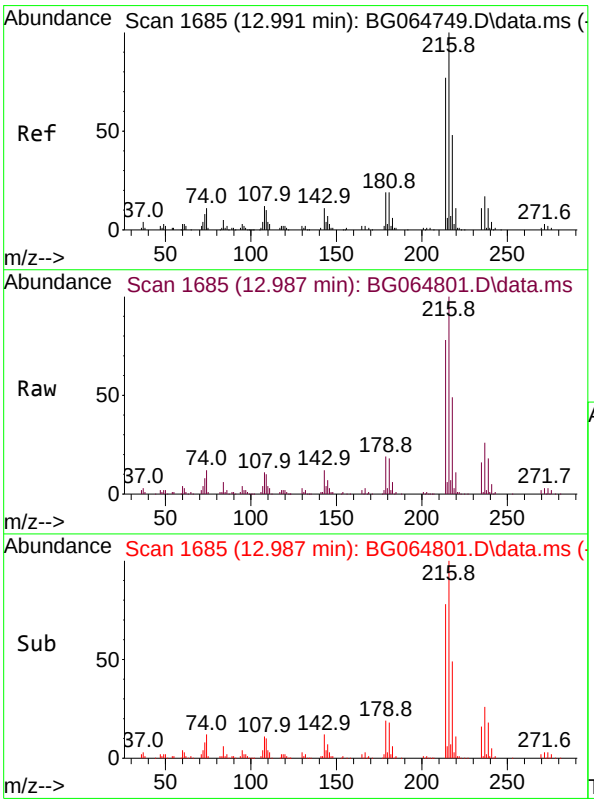
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.4 | 79.8 | 119.6 |
| 160 | 46.3 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

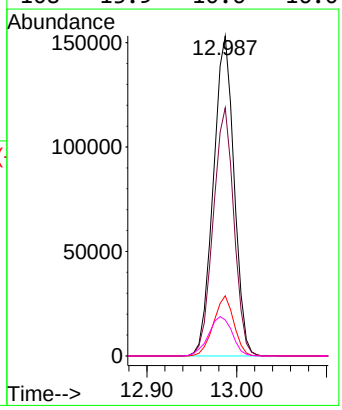
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

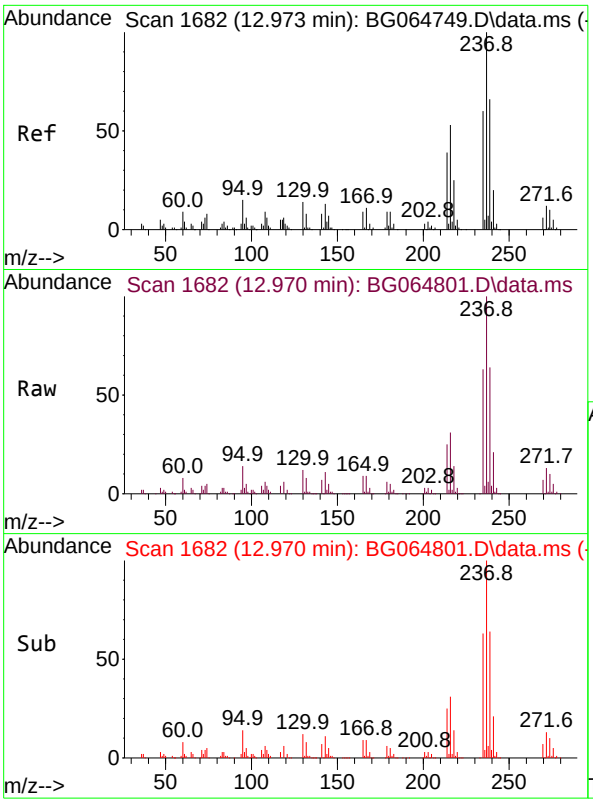



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.836 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:216 Resp: 246950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.2 | 60.5 | 90.7 |
| 179 | 18.4 | 14.7 | 22.1 |
| 108 | 13.9 | 10.6 | 16.0 |






#41
Hexachlorocyclopentadiene
Concen: 67.885 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

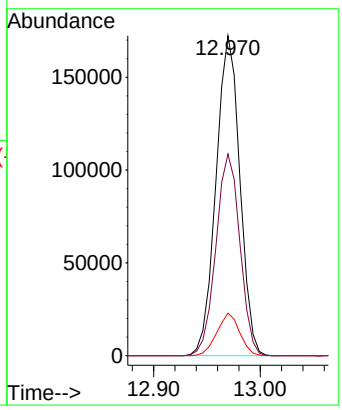
Tgt Ion:237 Resp: 26800

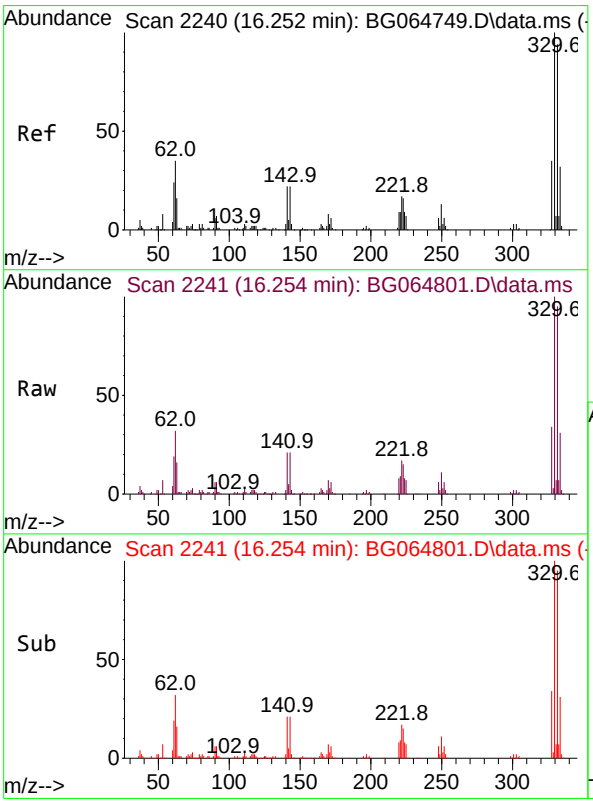
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.0 | 40.2 | 80.2 |
| 272 | 13.3 | 0.0 | 31.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

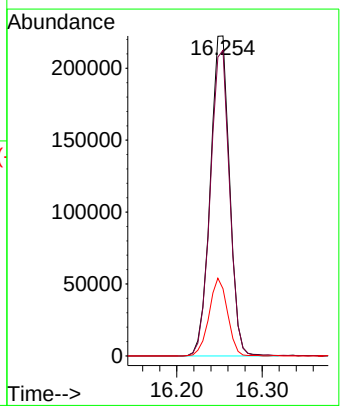


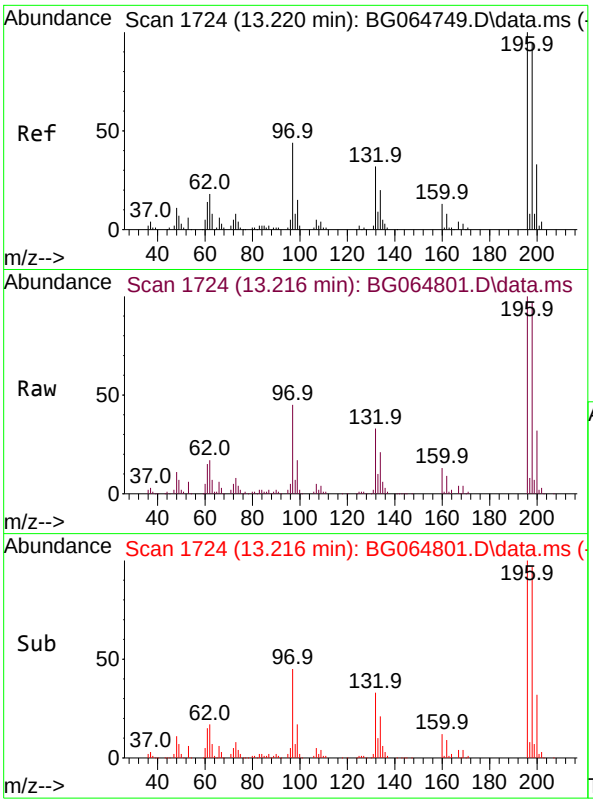




#42
2,4,6-Tribromophenol
Concen: 126.326 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:330 Resp: 348692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 77.0 | 115.6 |
| 141 | 23.2 | 18.2 | 27.2 |

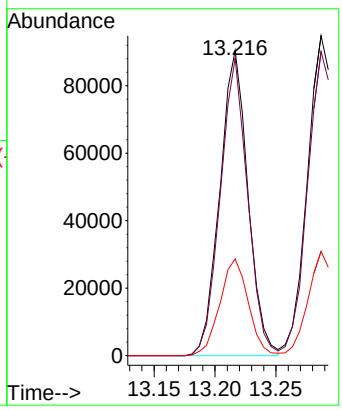





#43
2,4,6-Trichlorophenol
Concen: 44.893 ng
RT: 13.216 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:196 Resp: 14512

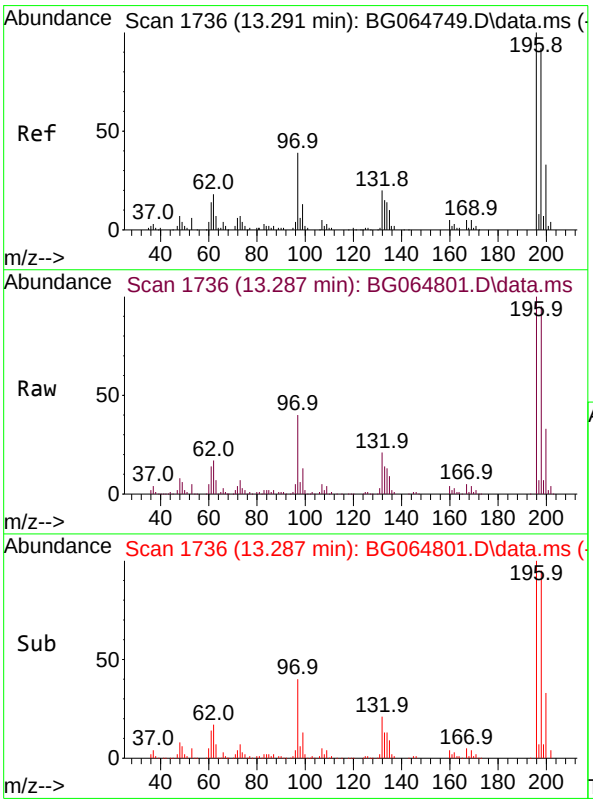
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.5 | 75.3 | 112.9 |
| 200 | 31.7 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

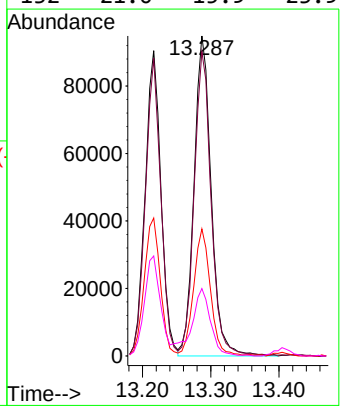
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

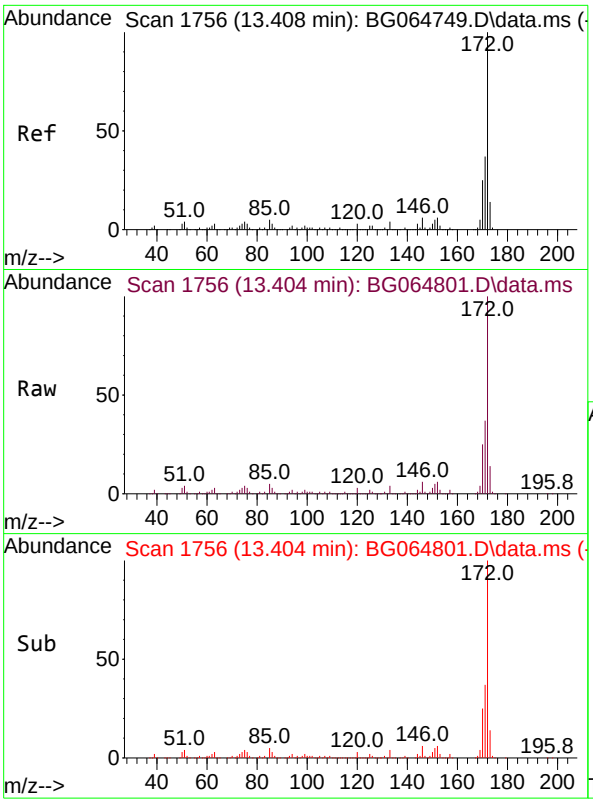



#44
2,4,5-Trichlorophenol
Concen: 45.775 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:196 Resp: 165963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 73.2 | 109.8 |
| 97 | 39.7 | 31.4 | 47.0 |
| 132 | 21.0 | 15.9 | 23.9 |

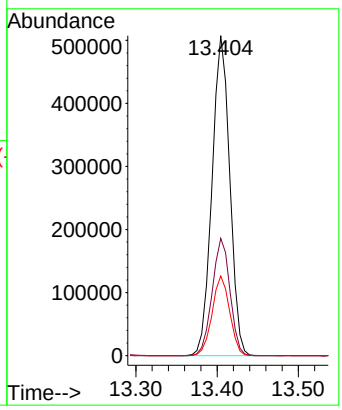





#45
2-Fluorobiphenyl
Concen: 75.868 ng
RT: 13.404 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:172 Resp: 769531

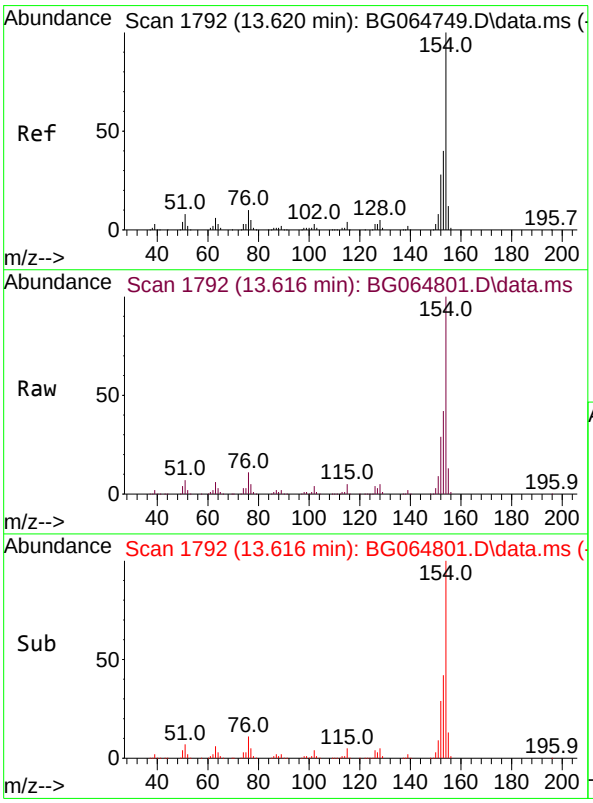
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.9 | 44.9 |
| 170 | 24.9 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

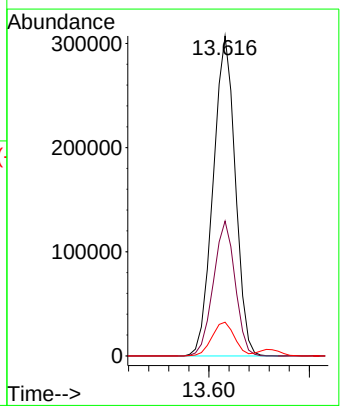
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

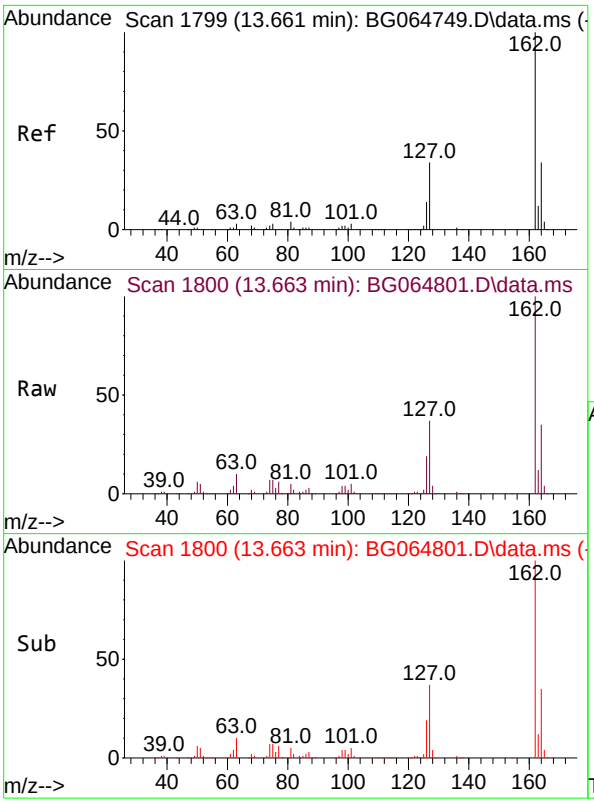



#46
1,1'-Biphenyl
Concen: 46.257 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:154 Resp: 470212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.1 | 19.8 | 59.8 |
| 76 | 10.5 | 0.0 | 30.0 |

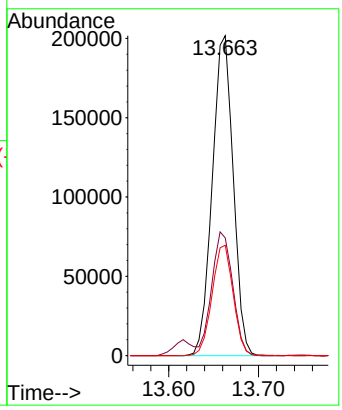





#47
2-Chloronaphthalene
Concen: 40.997 ng
RT: 13.663 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:162 Resp: 32832

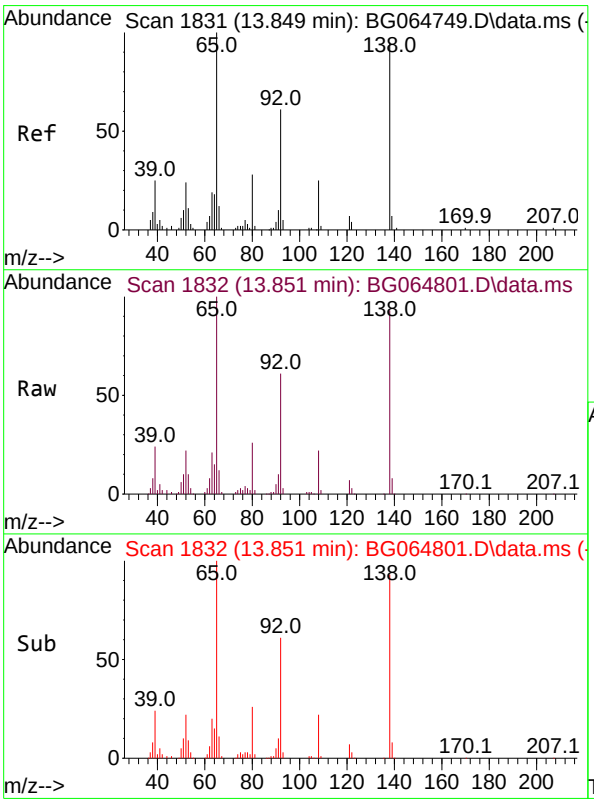
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.8 | 30.3 | 45.5 |
| 164 | 34.5 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

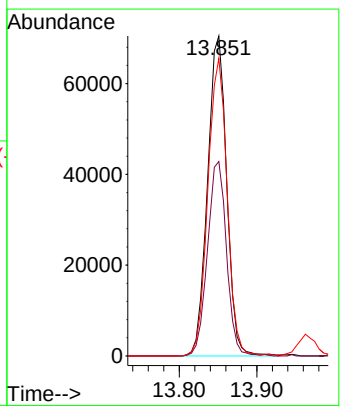
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

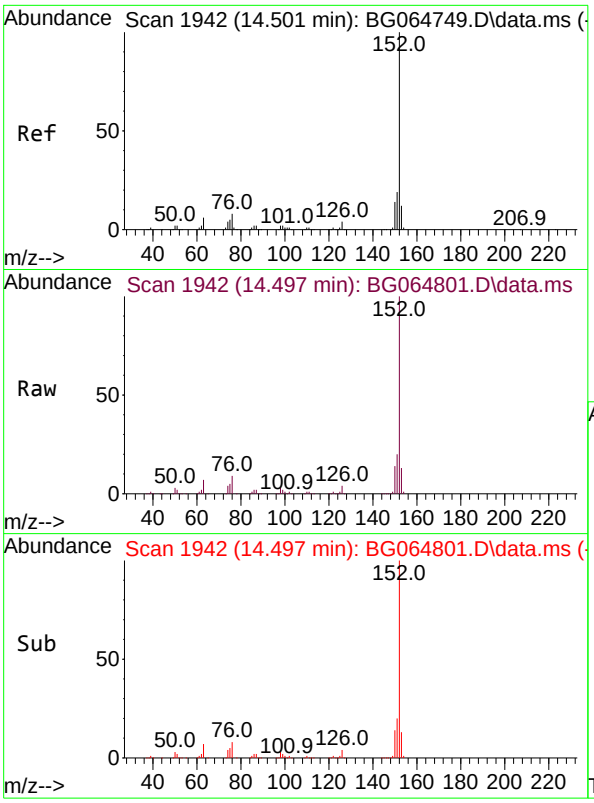



#48
2-Nitroaniline
Concen: 46.803 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 65 Resp: 120555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 60.7 | 48.6 | 73.0 |
| 138 | 93.0 | 76.4 | 114.6 |






#49
Acenaphthylene
Concen: 42.858 ng
RT: 14.497 min Scan# 19
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

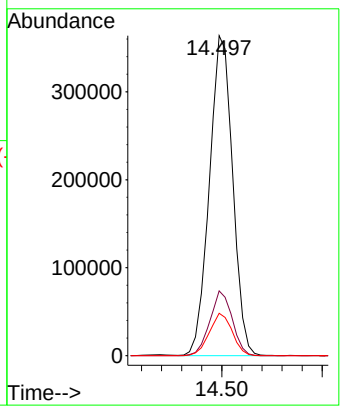
Tgt Ion:152 Resp: 58635

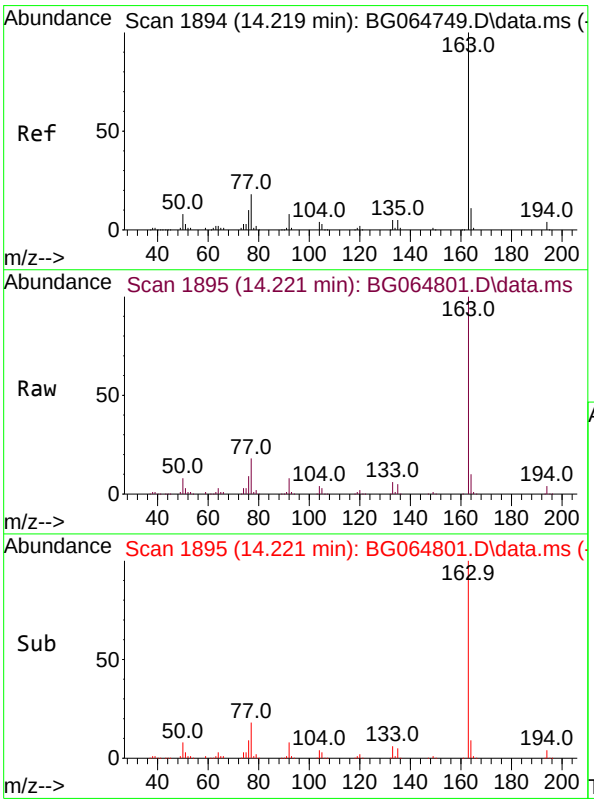
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 15.0 | 22.4 |
| 153 | 13.2 | 9.9 | 14.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

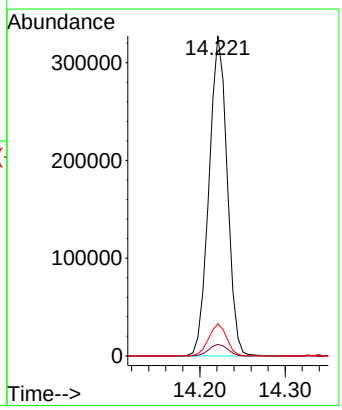


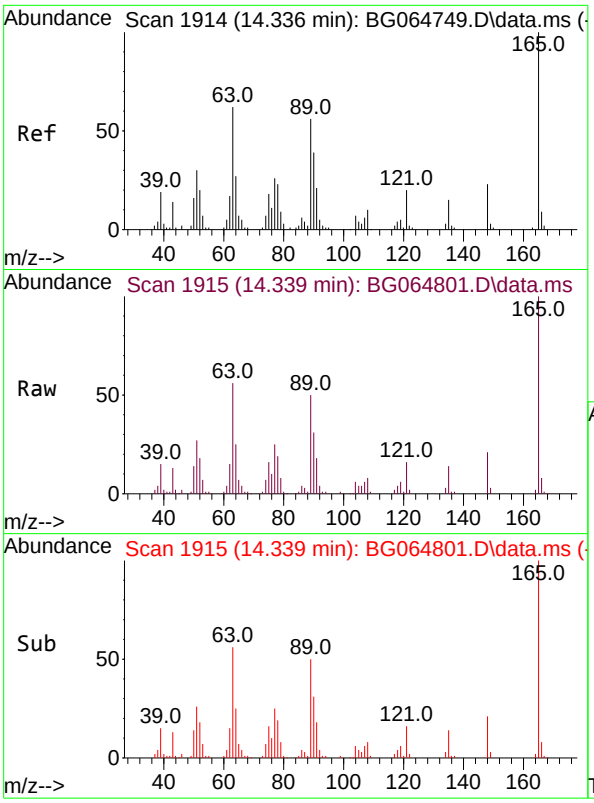




#50
Dimethylphthalate
Concen: 43.337 ng
RT: 14.221 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:163 Resp: 484501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.1 | 4.7 |
| 164 | 10.0 | 8.6 | 12.8 |

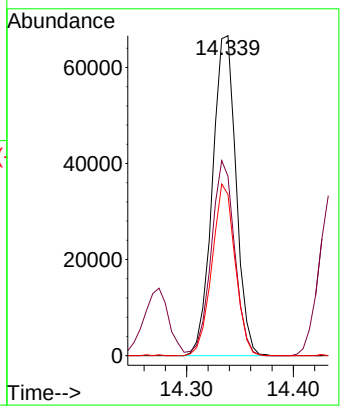





#51
2,6-Dinitrotoluene
Concen: 47.757 ng
RT: 14.339 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:165 Resp: 10273

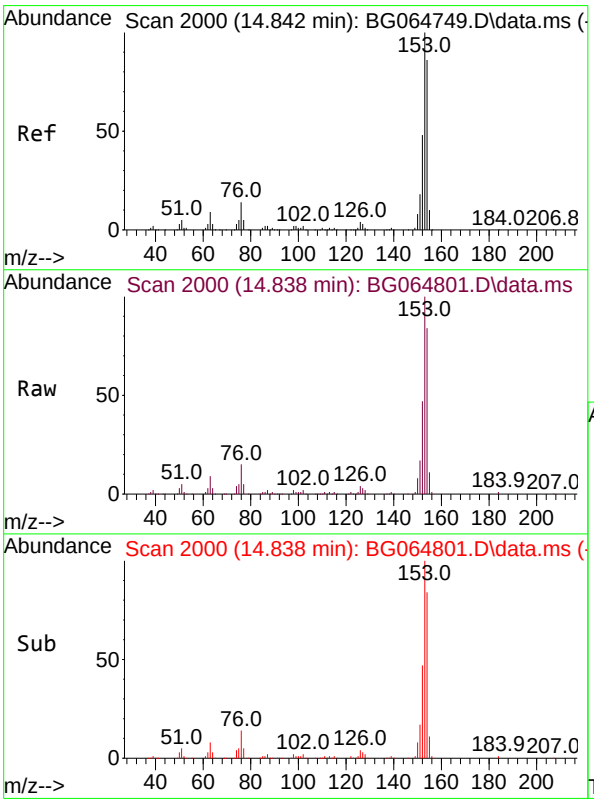
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.1 | 49.8 | 74.8 |
| 89 | 50.4 | 45.0 | 67.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

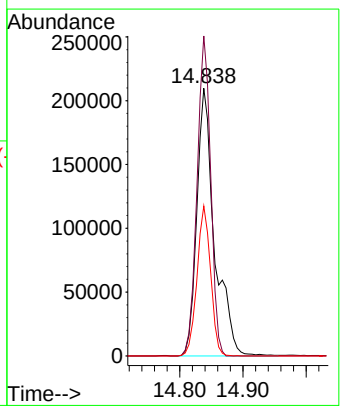
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

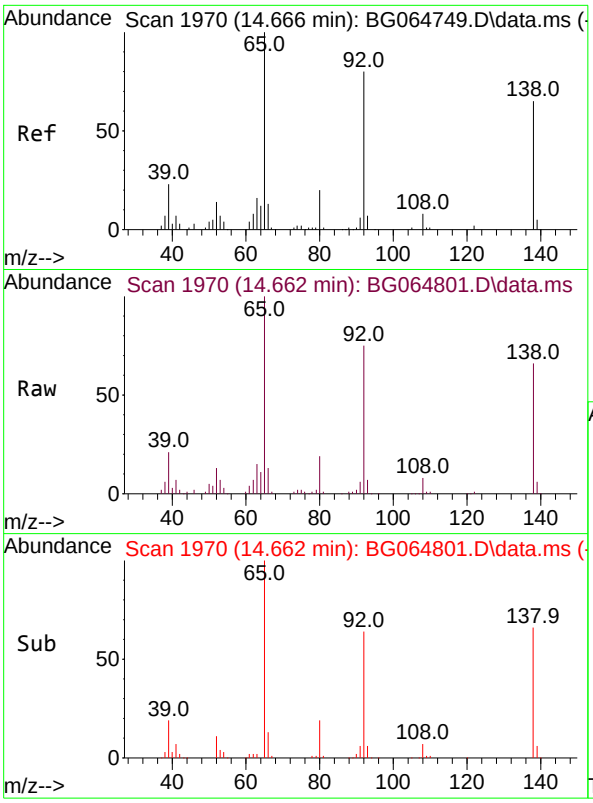



#52
Acenaphthene
Concen: 50.009 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:154 Resp: 410238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 119.6 | 93.0 | 139.4 |
| 152 | 56.0 | 44.4 | 66.6 |

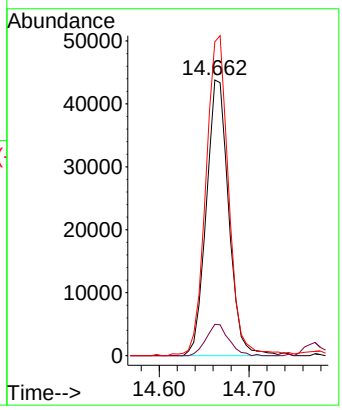





#53
3-Nitroaniline
Concen: 35.770 ng
RT: 14.662 min Scan# 19
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:138 Resp: 7594

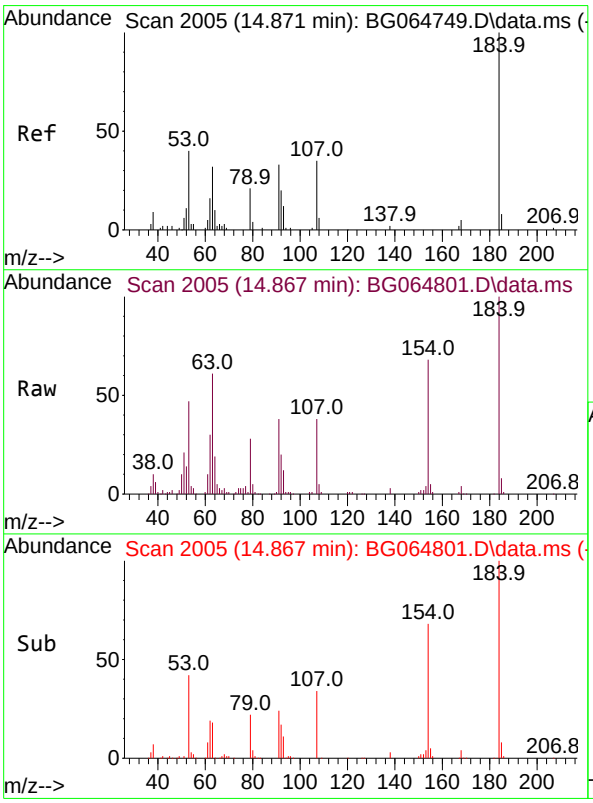
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.4 | 9.5 | 14.3 |
| 92 | 113.9 | 99.0 | 148.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

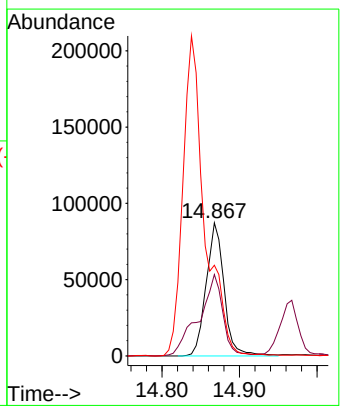
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

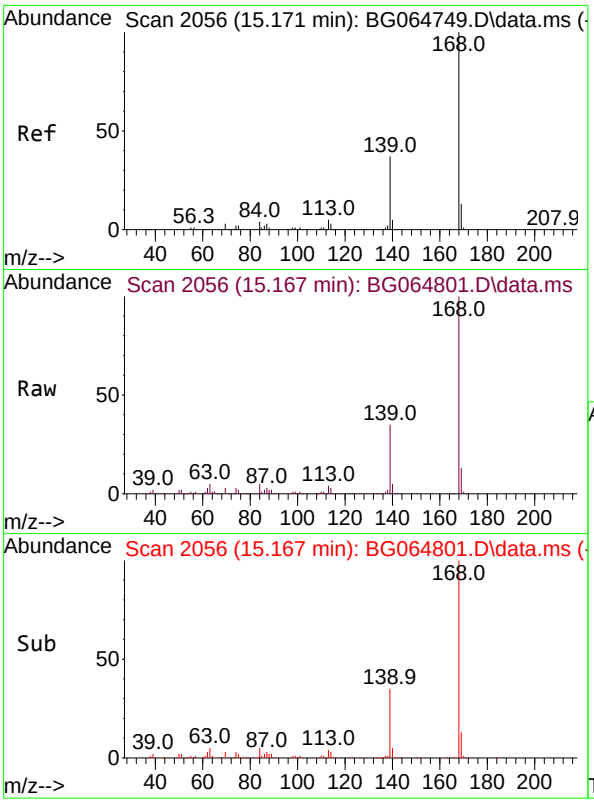



#54
2,4-Dinitrophenol
Concen: 93.363 ng
RT: 14.867 min Scan# 2005
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:184 Resp: 139949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 61.1 | 45.8 | 68.6 |
| 154 | 68.1 | 52.6 | 78.8 |

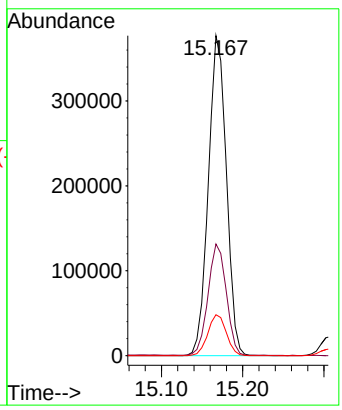





#55
Dibenzofuran
Concen: 42.909 ng
RT: 15.167 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:168 Resp: 58192

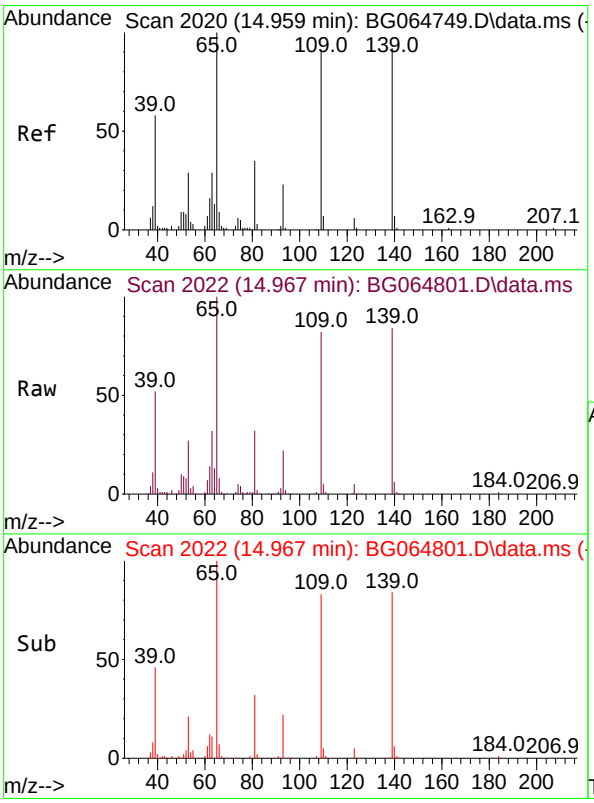
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.9 | 29.5 | 44.3 |
| 169 | 12.8 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

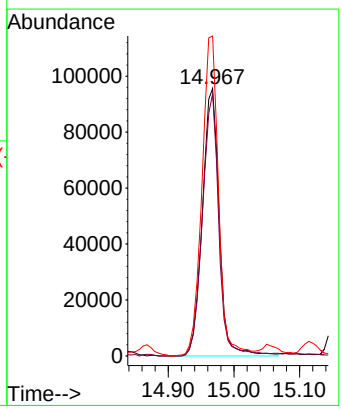
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

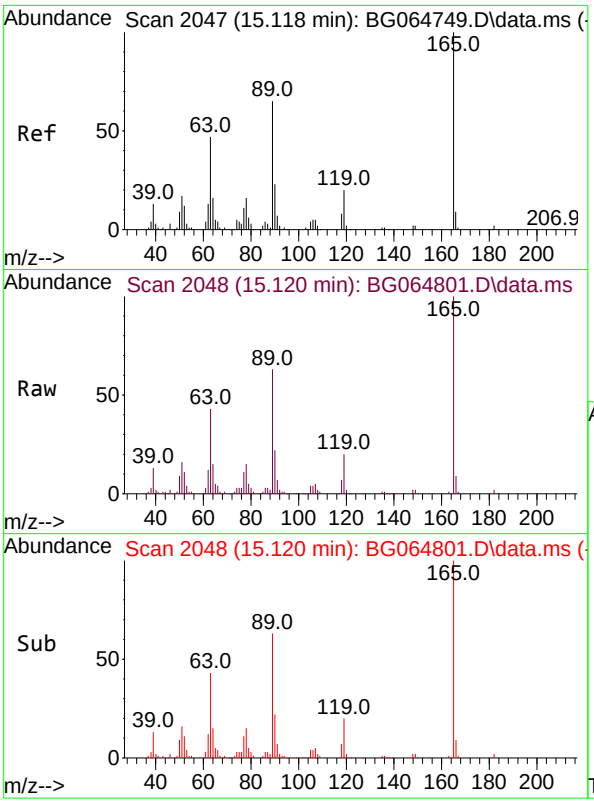



#56
4-Nitrophenol
Concen: 101.154 ng
RT: 14.967 min Scan# 2022
Delta R.T. 0.008 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:139 Resp: 170404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 98.0 | 79.7 | 119.7 |
| 65 | 119.7 | 89.9 | 129.9 |

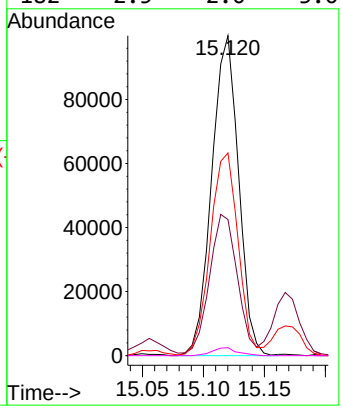





#57
2,4-Dinitrotoluene
Concen: 47.607 ng
RT: 15.120 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:165 Resp: 15354

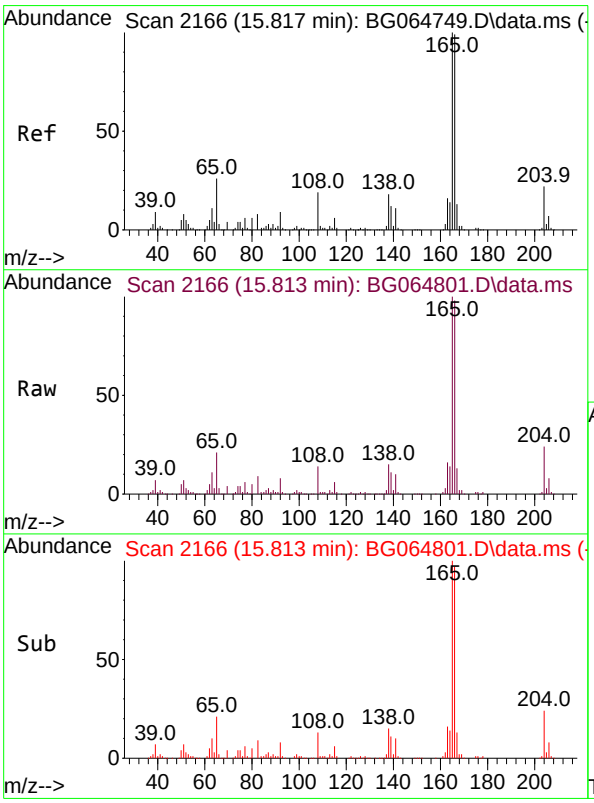
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.5 | 37.8 | 56.6 |
| 89 | 63.3 | 51.6 | 77.4 |
| 182 | 2.5 | 2.0 | 3.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

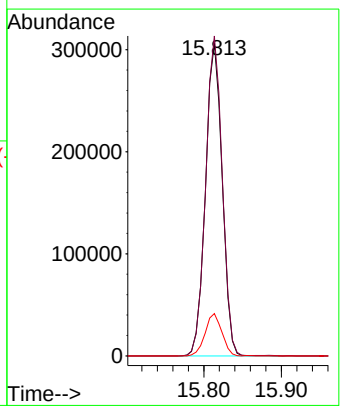
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

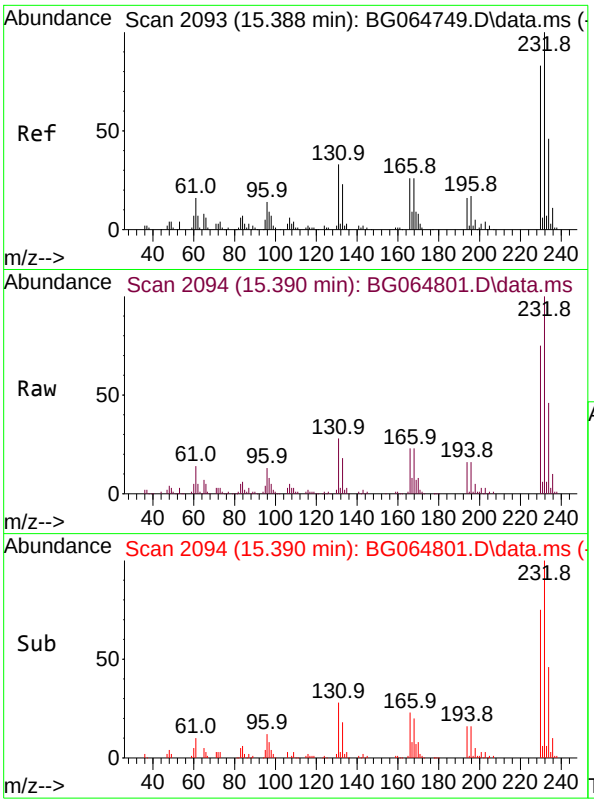



#58
Fluorene
Concen: 43.012 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:166 Resp: 457504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.4 | 80.5 | 120.7 |
| 167 | 13.5 | 10.3 | 15.5 |

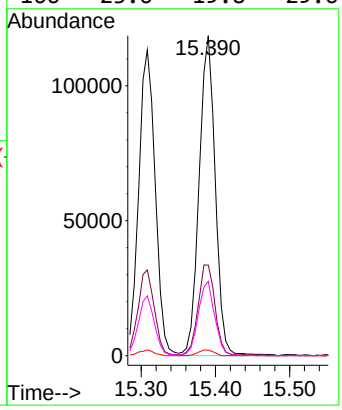





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.146 ng
RT: 15.390 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:232 Resp: 17938

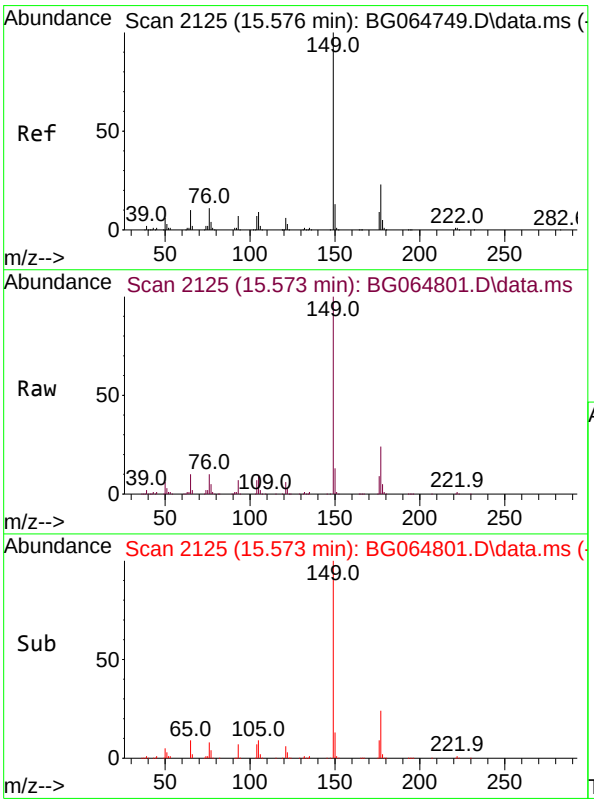
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 29.1 | 26.0 | 39.0 |
| 130 | 1.7 | 1.6 | 2.4 |
| 166 | 23.6 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

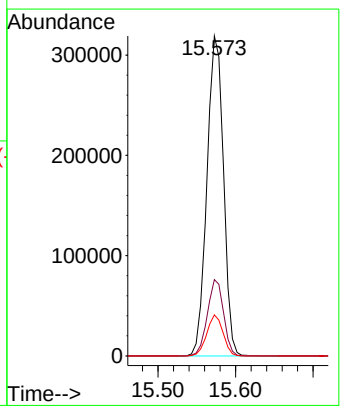
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

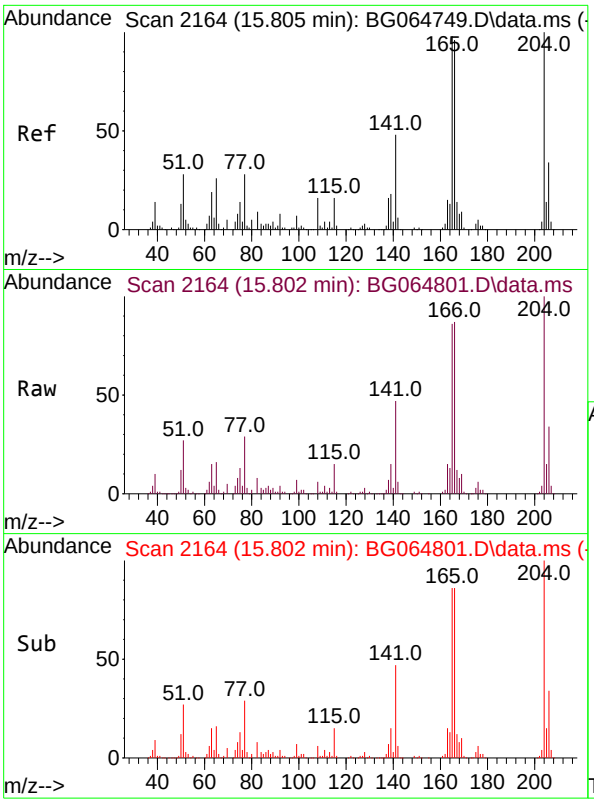



#60
Diethylphthalate
Concen: 44.170 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:149 Resp: 473056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.8 | 18.4 | 27.6 |
| 150 | 12.8 | 10.1 | 15.1 |

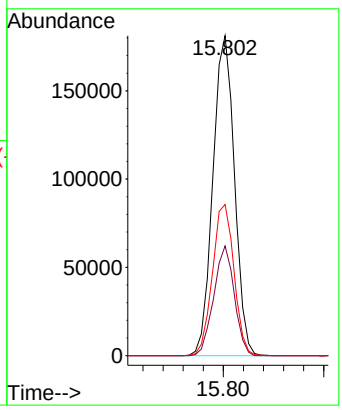





#61
4-Chlorophenyl-phenylether
Concen: 42.394 ng
RT: 15.802 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:204 Resp: 270621

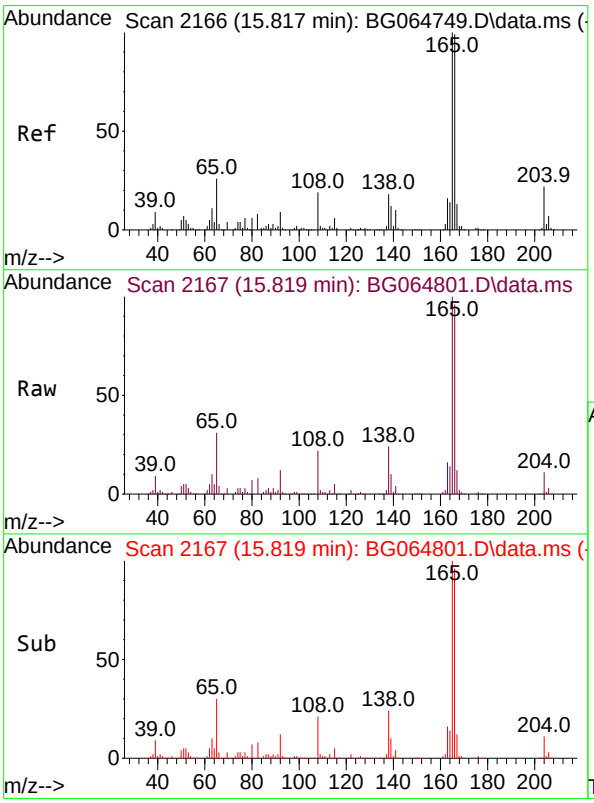
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.3 | 26.9 | 40.3 |
| 141 | 47.2 | 38.1 | 57.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

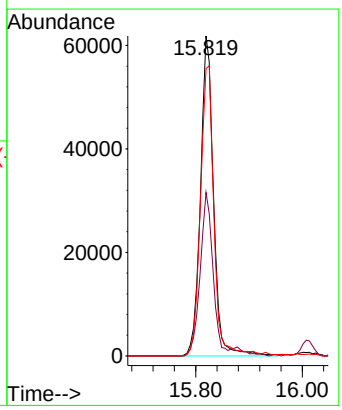
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

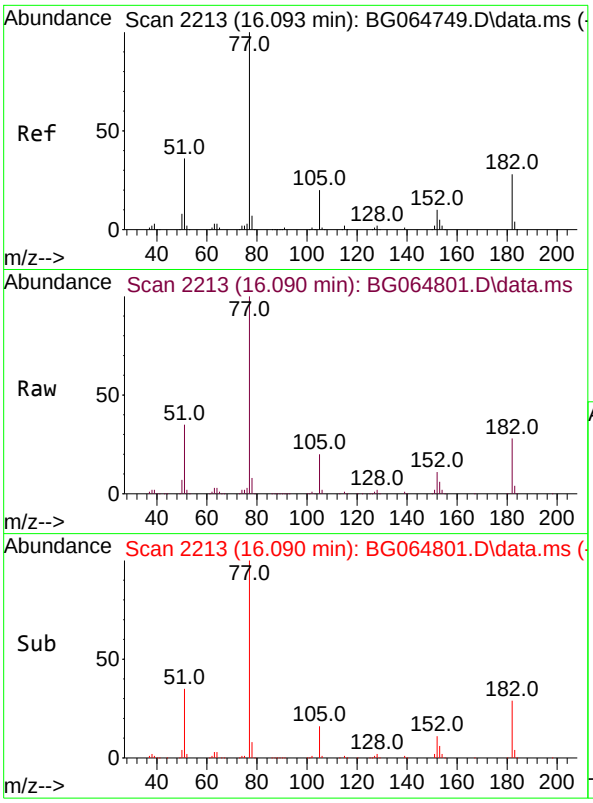



#62
4-Nitroaniline
Concen: 47.756 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:138 Resp: 105045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 51.1 | 30.7 | 70.7 |
| 108 | 89.8 | 85.7 | 125.7 |

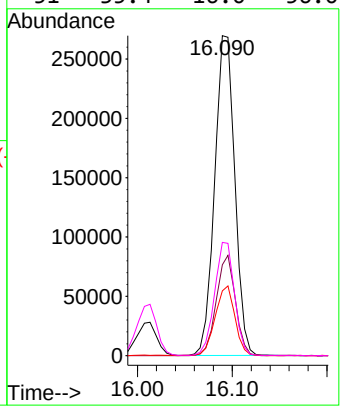





#63
Azobenzene
Concen: 44.610 ng
RT: 16.090 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 77 Resp: 39738

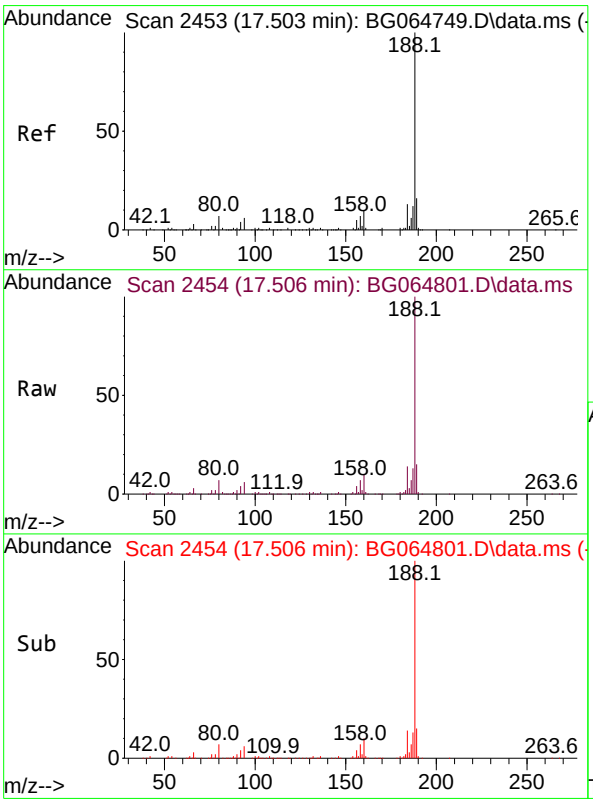
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.4 | 8.1 | 48.1 |
| 105 | 20.2 | 0.1 | 40.1 |
| 51 | 35.4 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

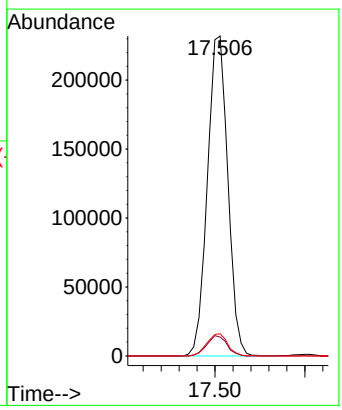
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

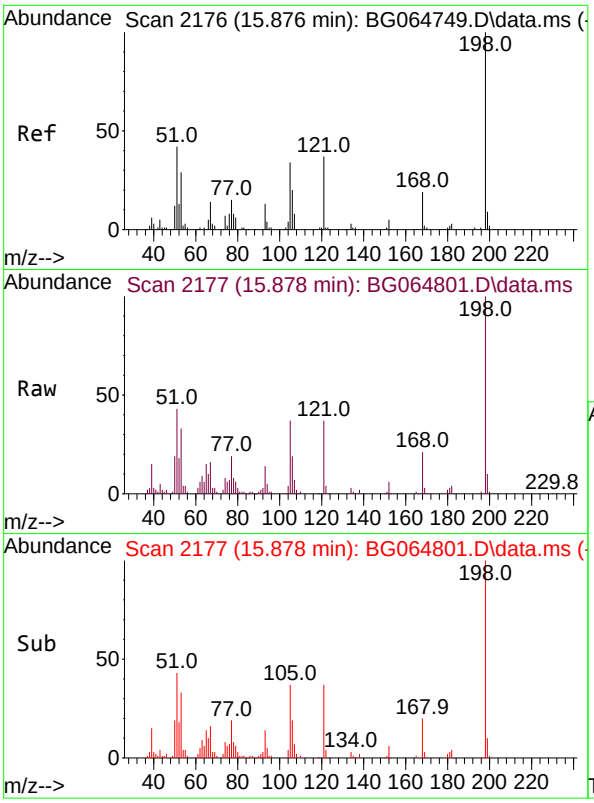



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:188 Resp: 367810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.9 | 4.7 | 7.1 |
| 80 | 6.9 | 5.4 | 8.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 50.267 ng
RT: 15.878 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

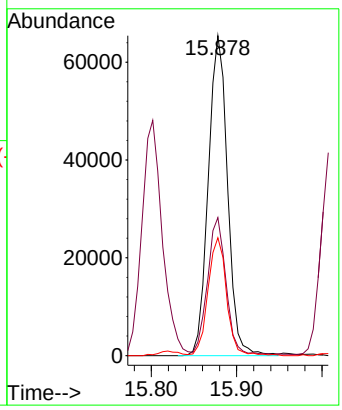
Tgt Ion:198 Resp: 10265

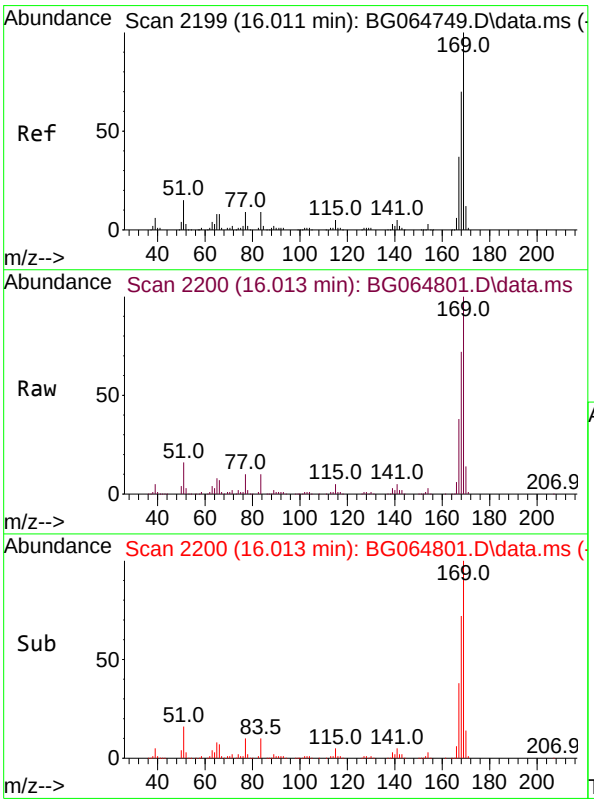
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 43.1 | 25.2 | 65.2 |
| 105 | 36.8 | 14.2 | 54.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

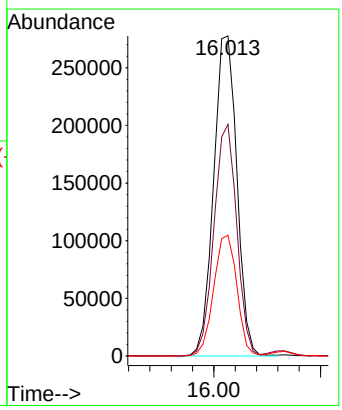


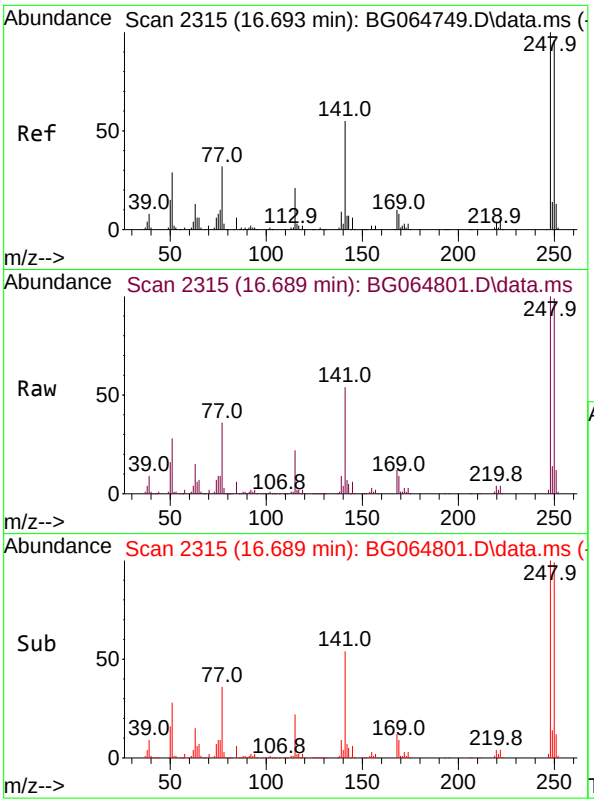




#66
n-Nitrosodiphenylamine
Concen: 43.773 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:169 Resp: 421718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 72.3 | 55.9 | 83.9 |
| 167 | 37.7 | 29.8 | 44.6 |

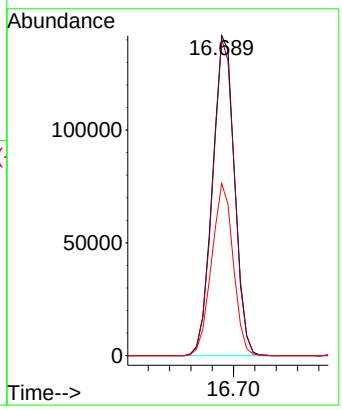





#67
4-Bromophenyl-phenylether
Concen: 42.288 ng
RT: 16.689 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:248 Resp: 20425

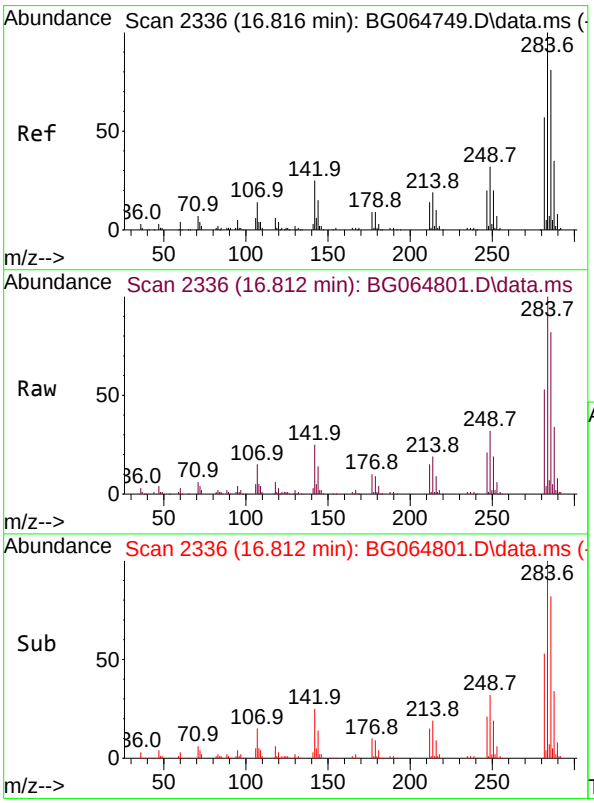
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.9 | 77.0 | 115.6 |
| 141 | 53.8 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

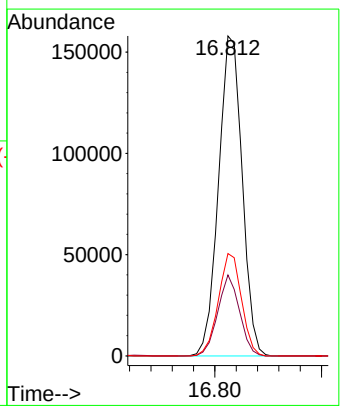
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

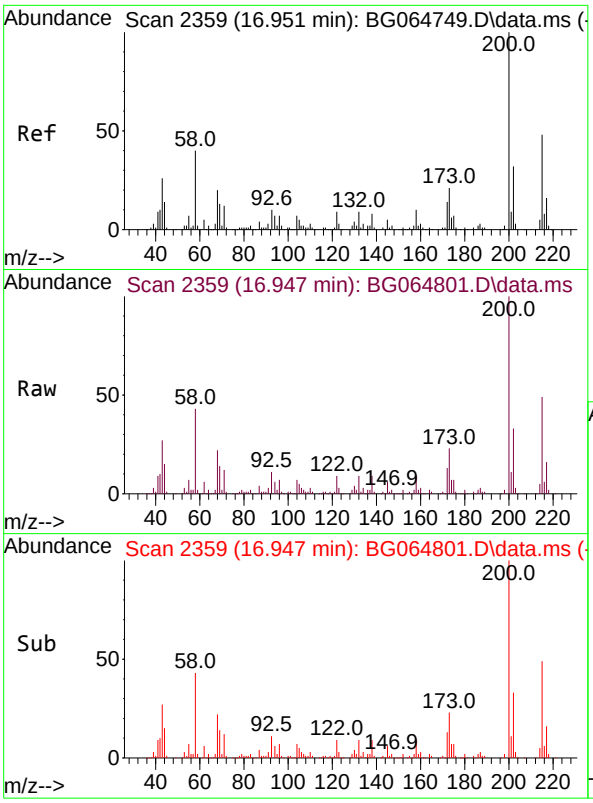



#68
Hexachlorobenzene
Concen: 41.496 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:284 Resp: 242834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 25.3 | 19.7 | 29.5 |
| 249 | 34.3 | 28.1 | 42.1 |

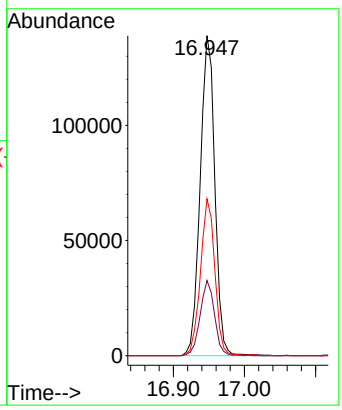





#69
Atrazine
Concen: 42.588 ng
RT: 16.947 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:200 Resp: 19782

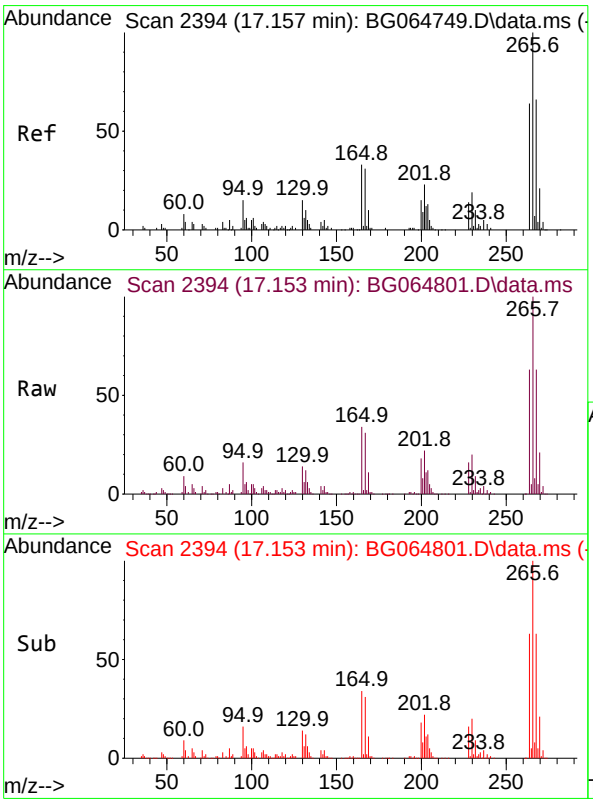
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.5 | 0.9 | 40.9 |
| 215 | 49.0 | 27.5 | 67.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

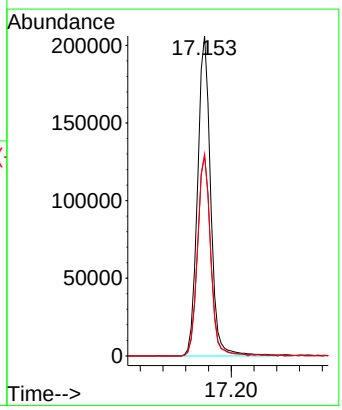
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

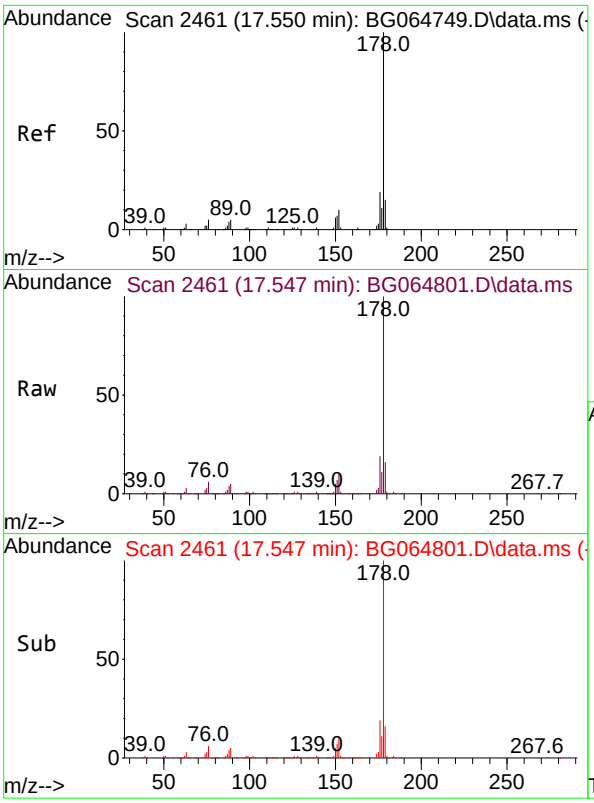



#70
Pentachlorophenol
Concen: 93.392 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:266 Resp: 327276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.4 | 56.1 | 84.1 |
| 264 | 63.0 | 51.2 | 76.8 |

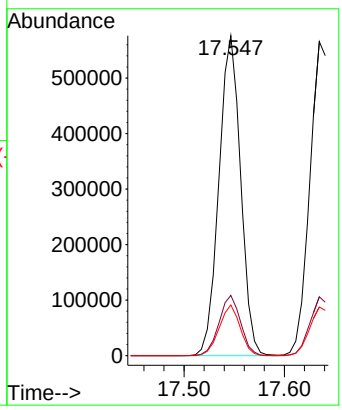





#71
Phenanthrene
Concen: 43.063 ng
RT: 17.547 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:178 Resp: 86660

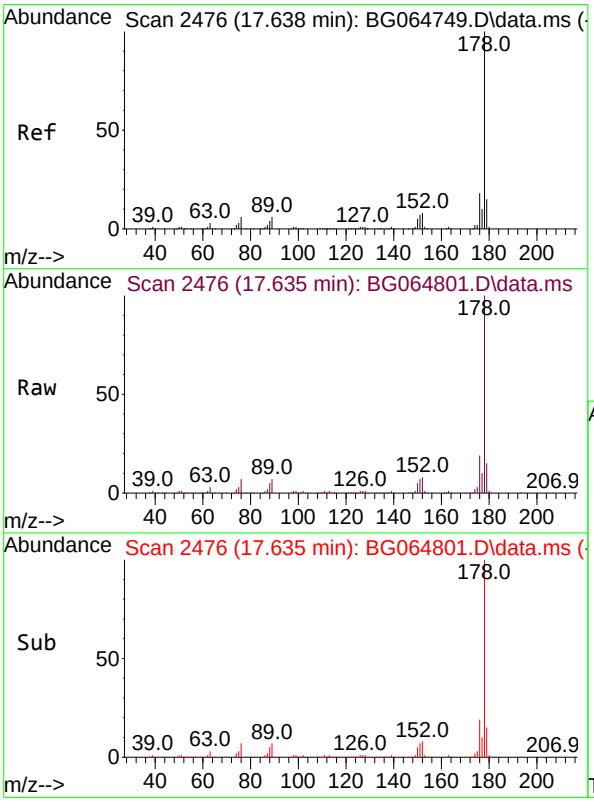
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.8 | 22.2 |
| 179 | 15.8 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

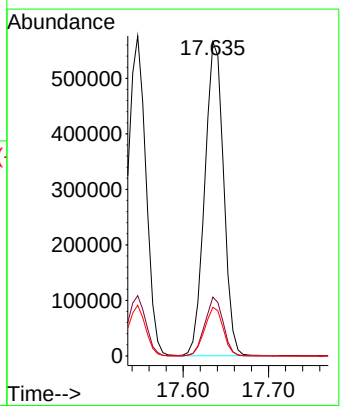
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

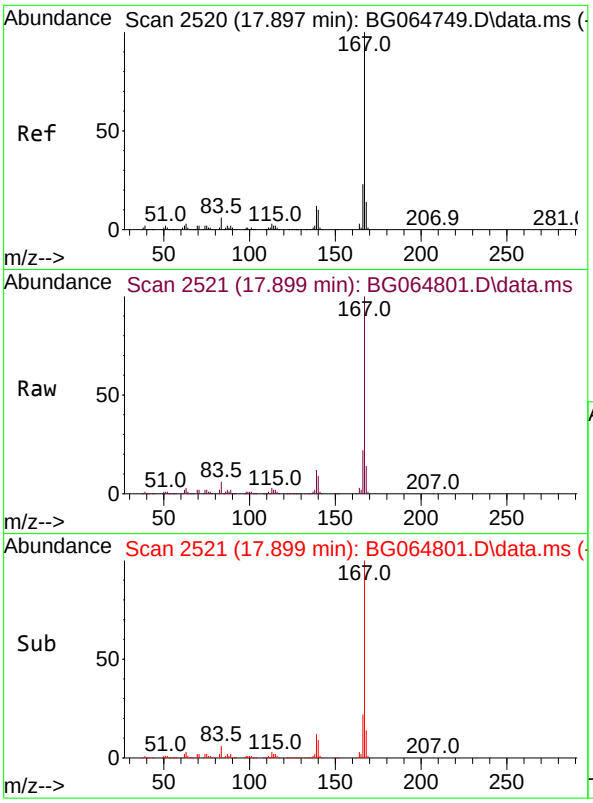



#72
Anthracene
Concen: 42.298 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:178 Resp: 867959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.5 | 21.7 |
| 179 | 15.5 | 12.2 | 18.4 |






#73
Carbazole
Concen: 43.904 ng
RT: 17.899 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

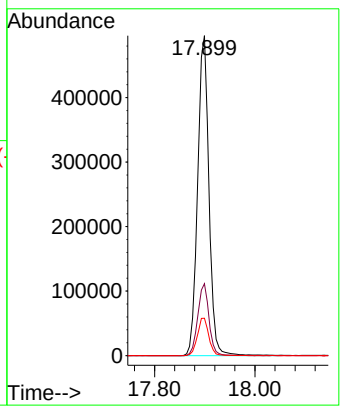
Tgt Ion:167 Resp: 77448

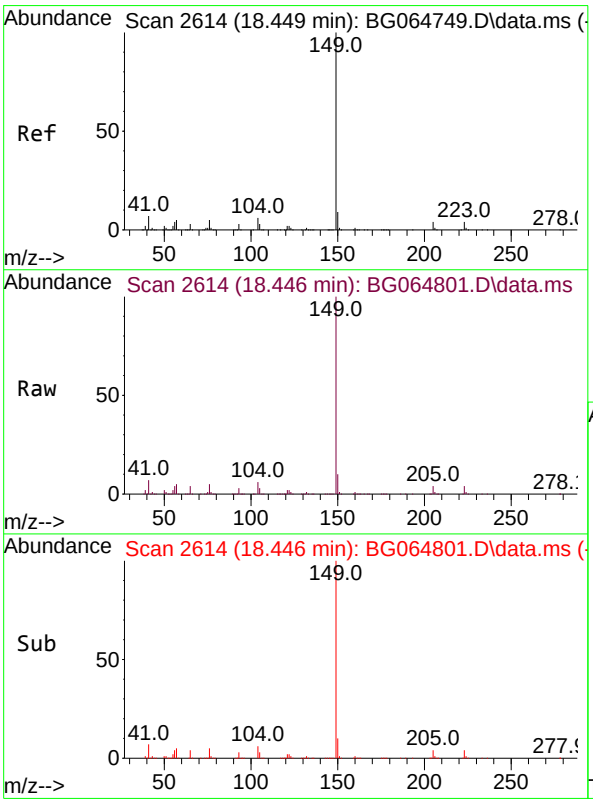
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 18.0 | 27.0 |
| 139 | 11.7 | 9.7 | 14.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

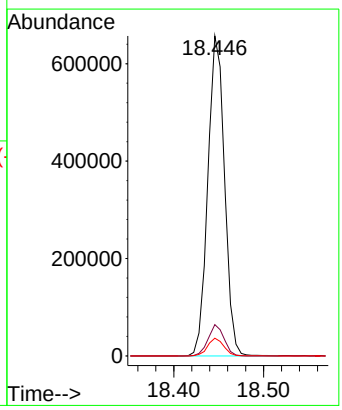


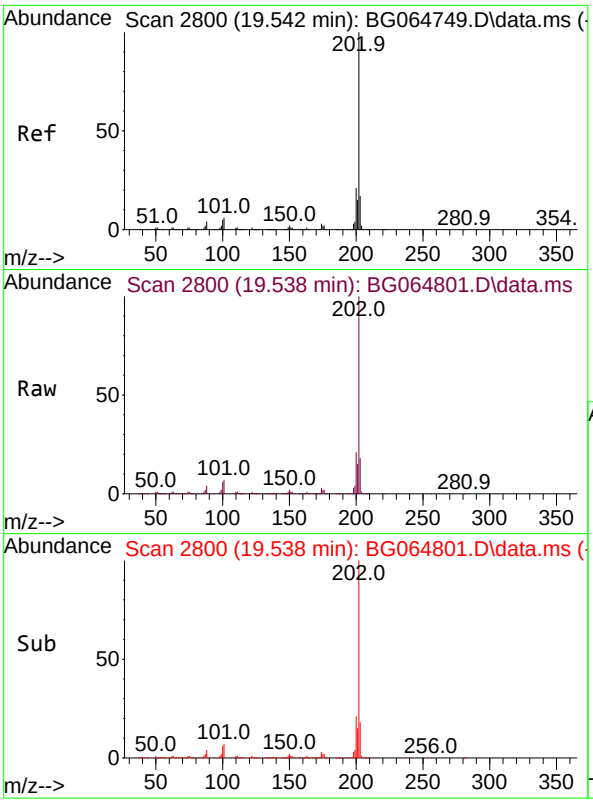




#74
Di-n-butylphthalate
Concen: 43.226 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:149 Resp: 850709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.8 | 7.5 | 11.3 |
| 104 | 5.5 | 4.4 | 6.6 |

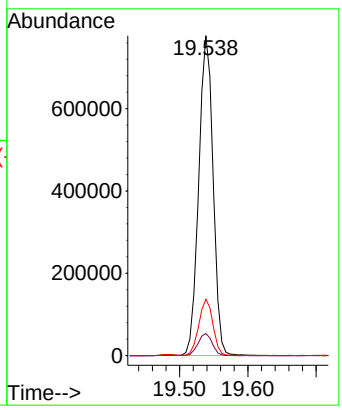





#75
Fluoranthene
Concen: 41.344 ng
RT: 19.538 min Scan# 28
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:202 Resp: 113773

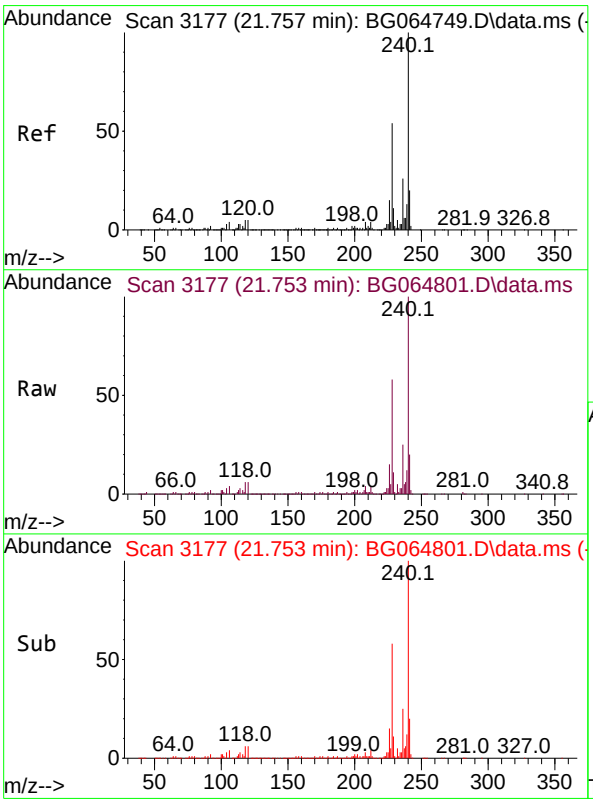
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.9 | 0.0 | 26.4 |
| 203 | 17.6 | 0.0 | 37.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

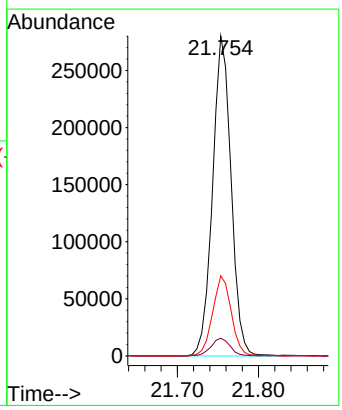
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

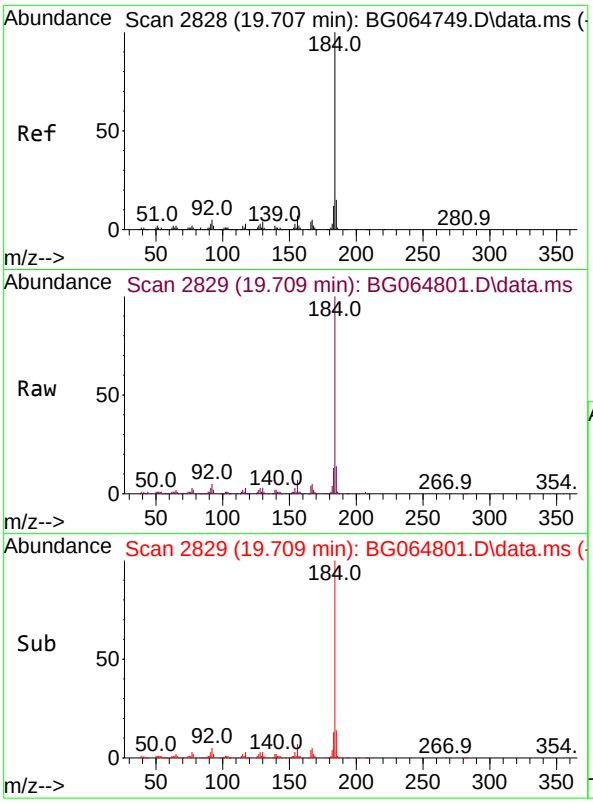



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:240 Resp: 443295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.5 | 4.2 | 6.4 |
| 236 | 25.0 | 20.8 | 31.2 |






#77
Benzidine
Concen: 17.878 ng
RT: 19.709 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

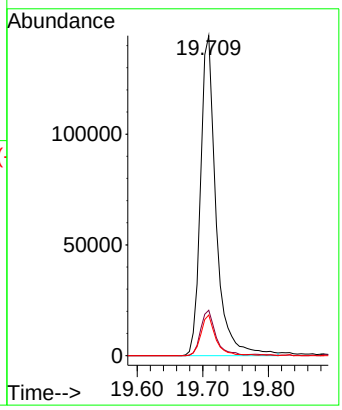
Tgt Ion:184 Resp: 23734

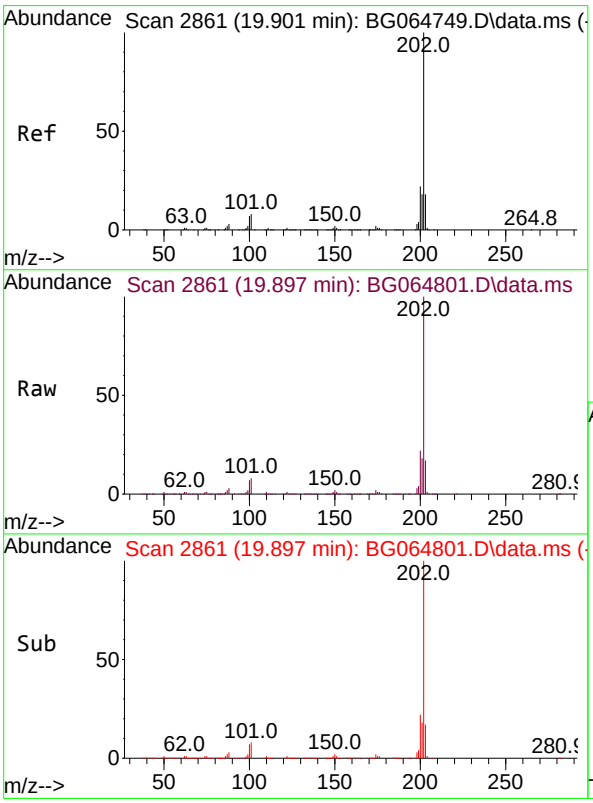
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.8 | 17.6 |
| 183 | 12.7 | 9.8 | 14.6 |

**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

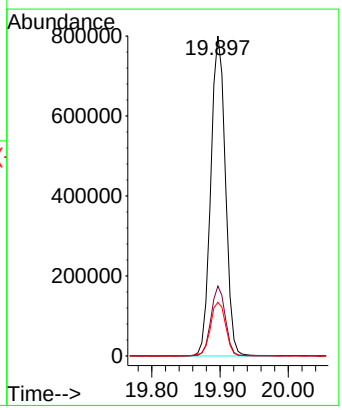


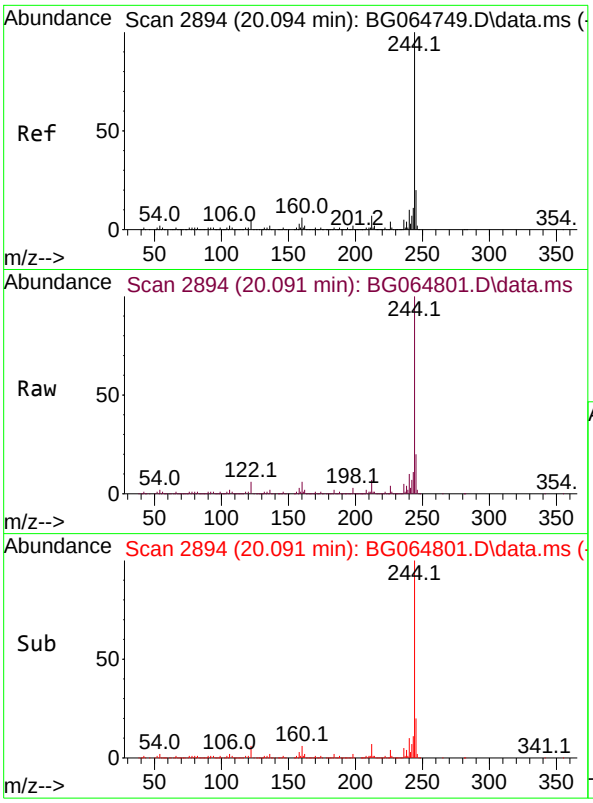




#78
Pyrene
Concen: 47.702 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:202 Resp: 1185154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.8 | 17.9 | 26.9 |
| 203 | 16.7 | 14.0 | 21.0 |

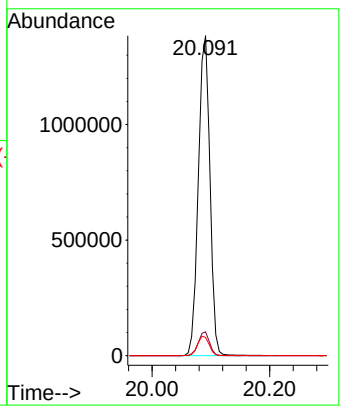





#79
Terphenyl-d14
Concen: 83.740 ng
RT: 20.091 min Scan# 28
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:244 Resp: 188713

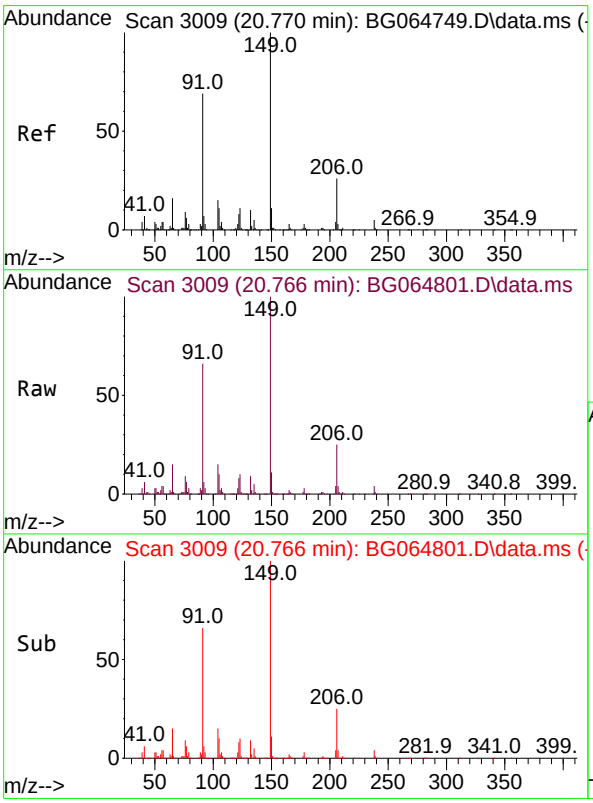
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.6 |
| 122 | 5.7 | 4.3 | 6.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

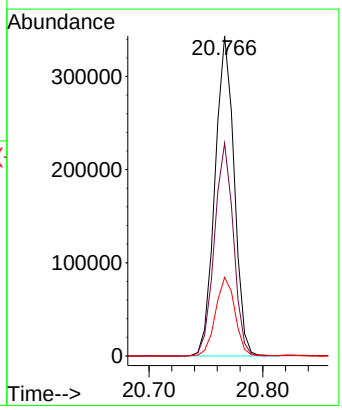
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

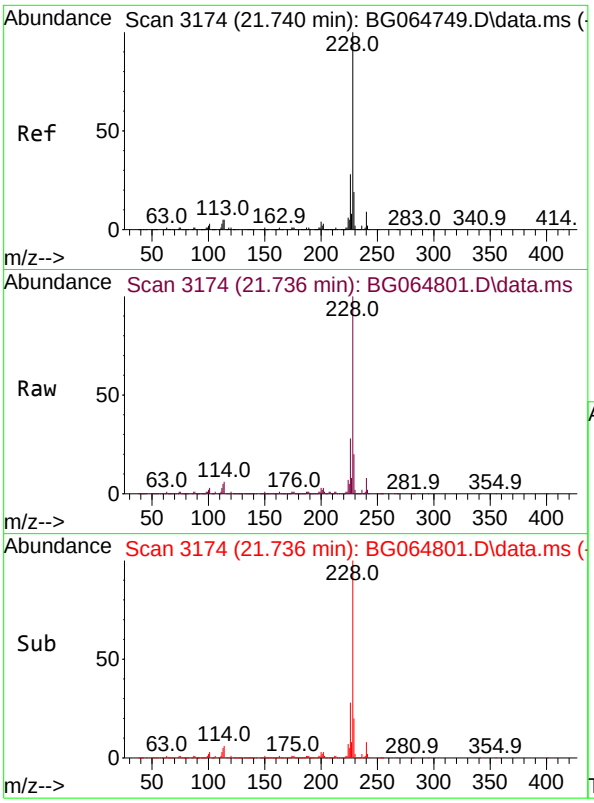



#80
Butylbenzylphthalate
Concen: 46.061 ng
RT: 20.766 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:149 Resp: 402517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.5 | 54.9 | 82.3 |
| 206 | 24.5 | 21.2 | 31.8 |

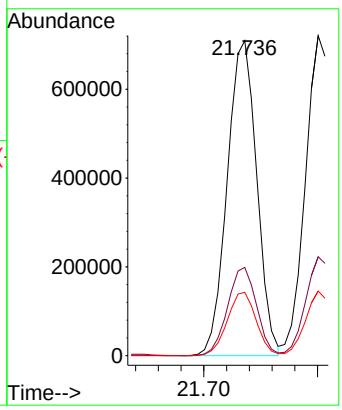





#81
Benzo(a)anthracene
Concen: 42.449 ng
RT: 21.736 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:228 Resp: 127952

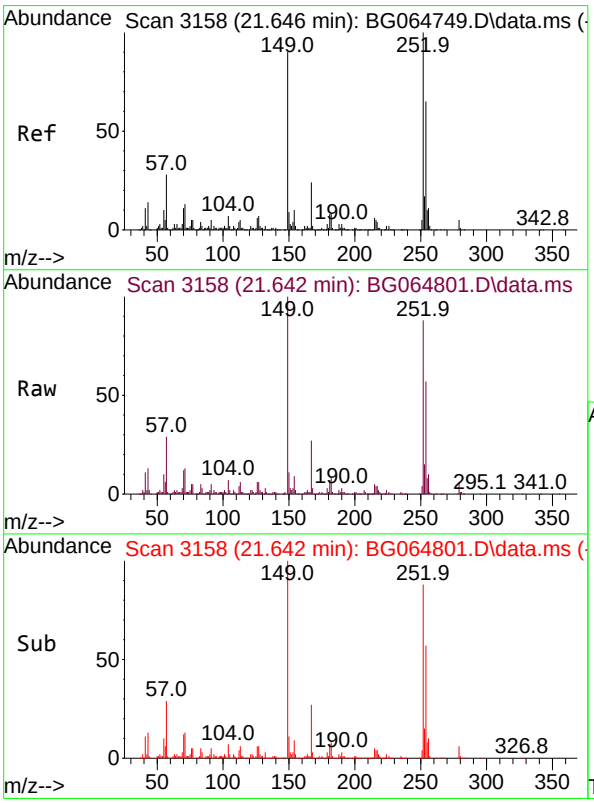
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 22.1 | 33.1 |
| 229 | 20.1 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

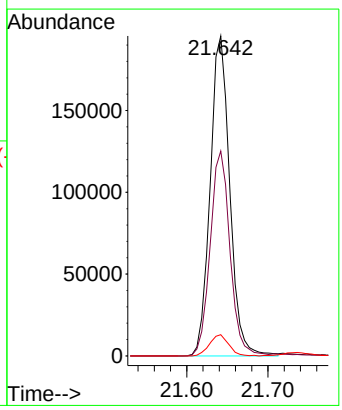
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

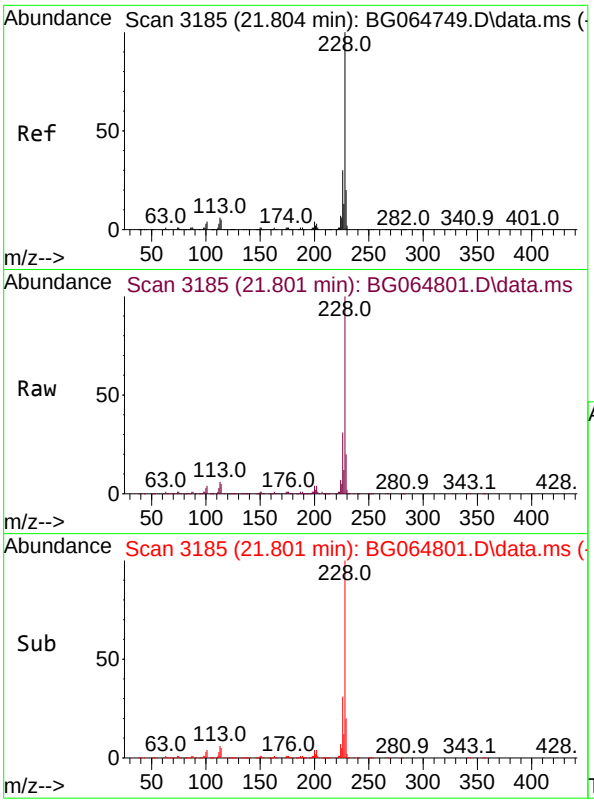



#82
3,3'-Dichlorobenzidine
Concen: 29.546 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:252 Resp: 327800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.0 | 51.8 | 77.8 |
| 126 | 6.6 | 4.7 | 7.1 |

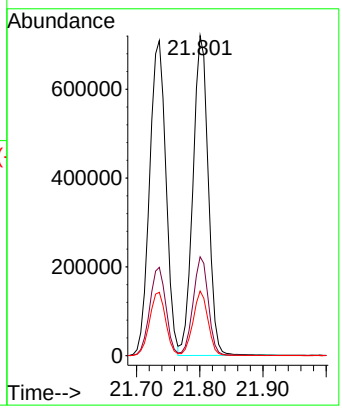





#83
Chrysene
Concen: 42.701 ng
RT: 21.801 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:228 Resp: 121346

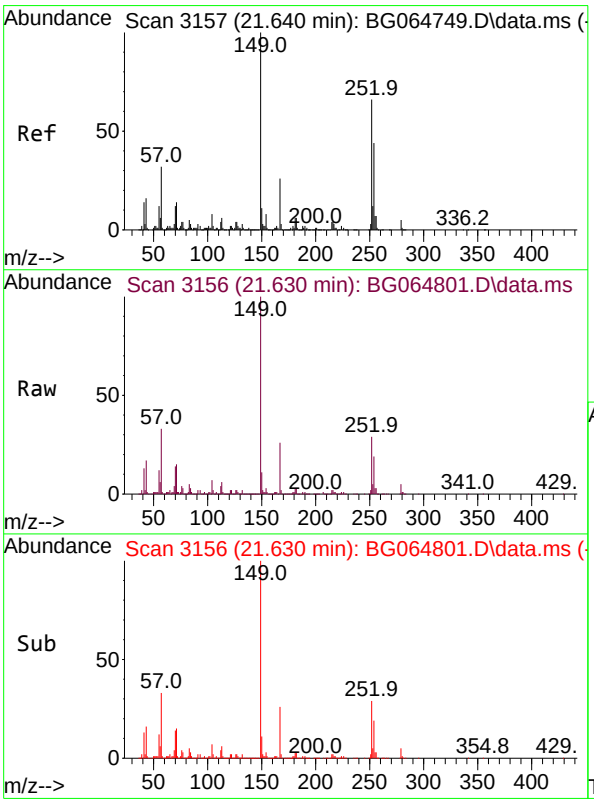
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 24.2 | 36.2 |
| 229 | 20.2 | 16.0 | 24.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

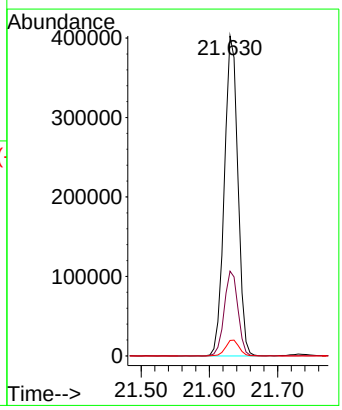
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

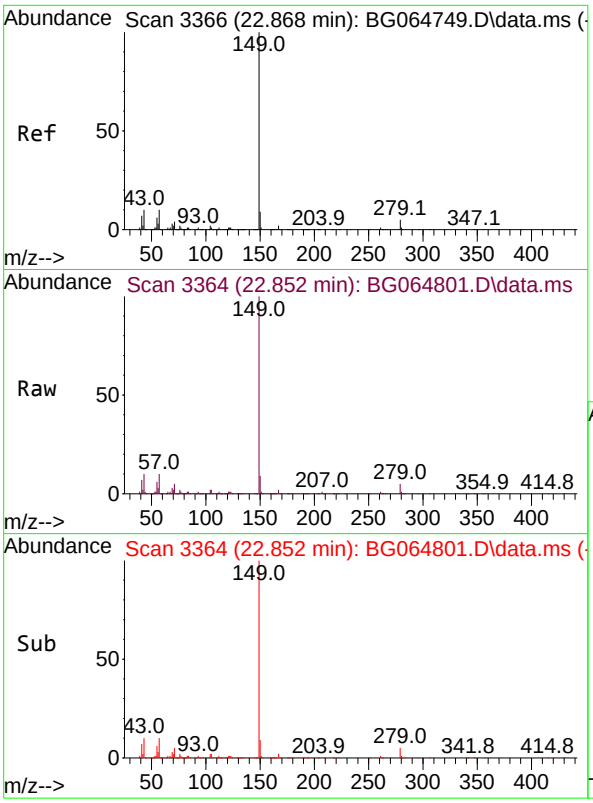



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.327 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:149 Resp: 553281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 21.0 | 31.4 |
| 279 | 4.8 | 4.1 | 6.1 |

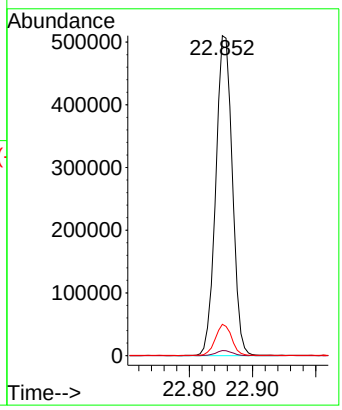





#85
Di-n-octyl phthalate
Concen: 42.020 ng
RT: 22.852 min Scan# 3
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:149 Resp: 92751

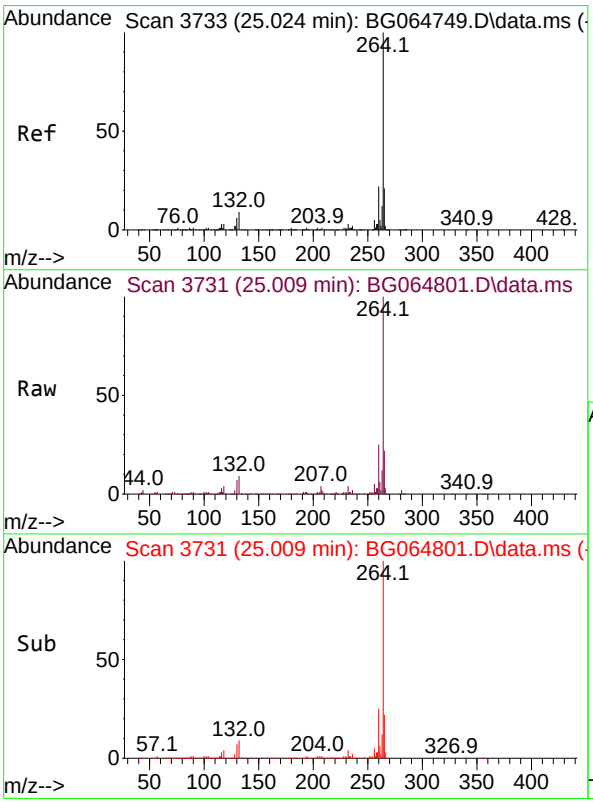
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 9.5 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

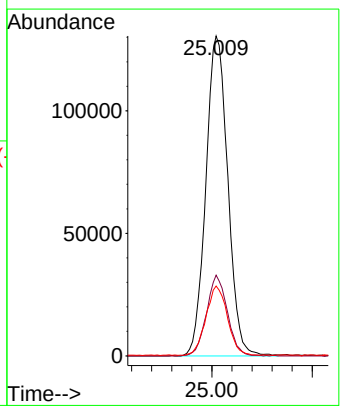
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

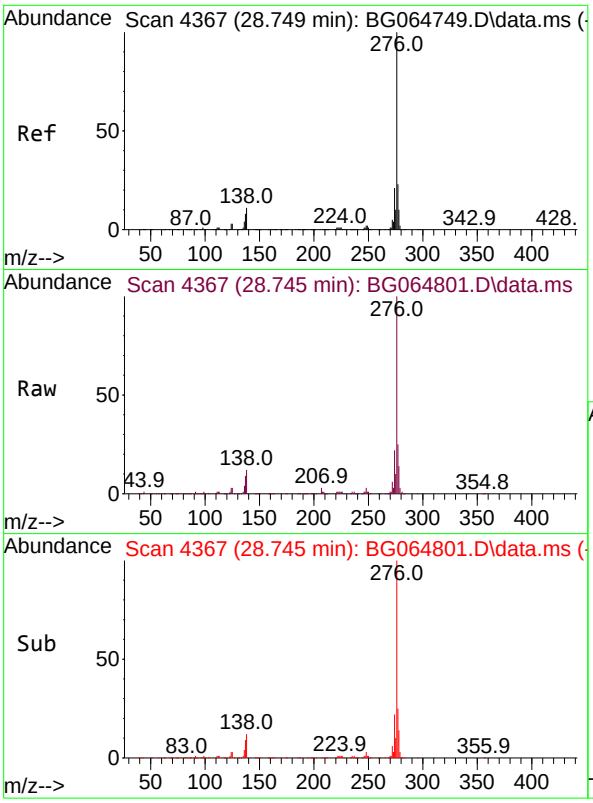



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:264 Resp: 396280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 17.2 | 25.8 |
| 265 | 21.8 | 16.6 | 25.0 |

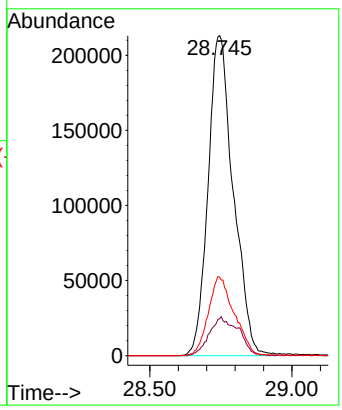





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.271 ng
RT: 28.745 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:276 Resp: 131421

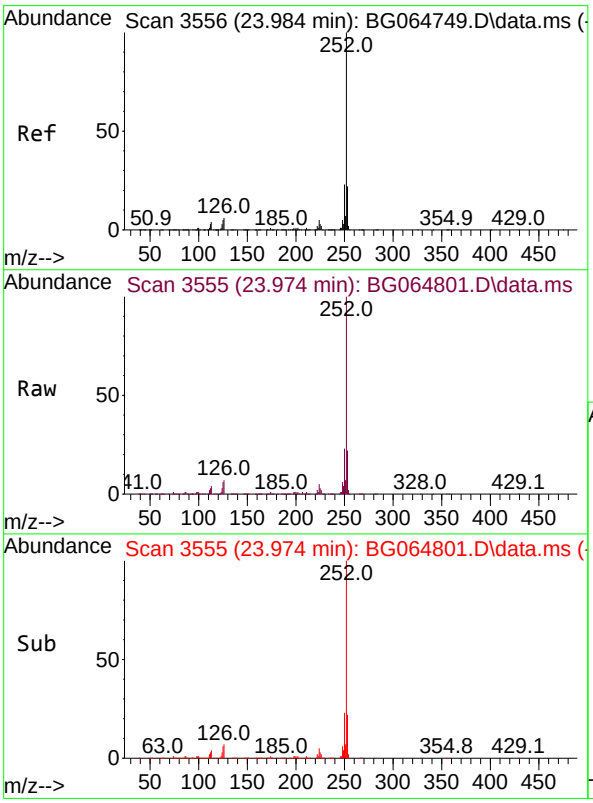
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.9 | 4.5 | 6.7 |
| 277 | 25.3 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

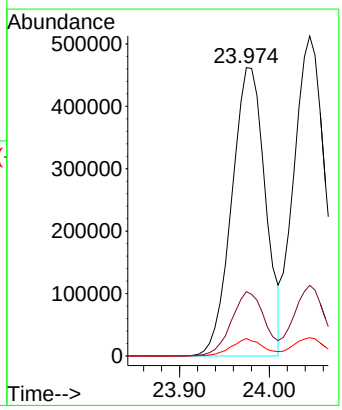
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

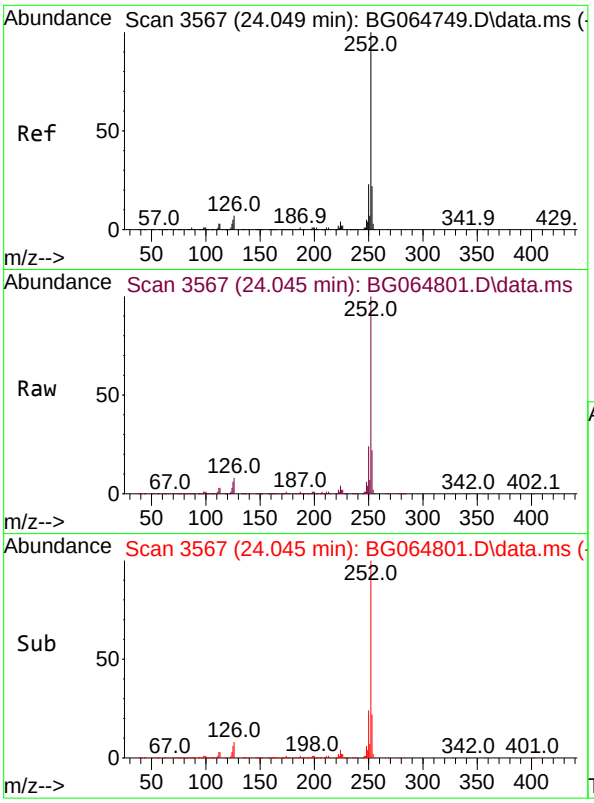



#88
Benzo(b)fluoranthene
Concen: 47.716 ng
RT: 23.974 min Scan# 3555
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:252 Resp: 1203332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.2 |
| 125 | 6.0 | 4.2 | 6.2 |

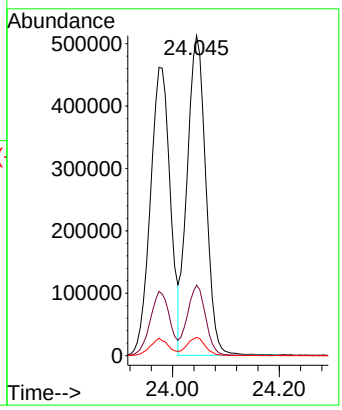





#89
Benzo(k)fluoranthene
Concen: 49.123 ng
RT: 24.045 min Scan# 3
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:252 Resp: 124457

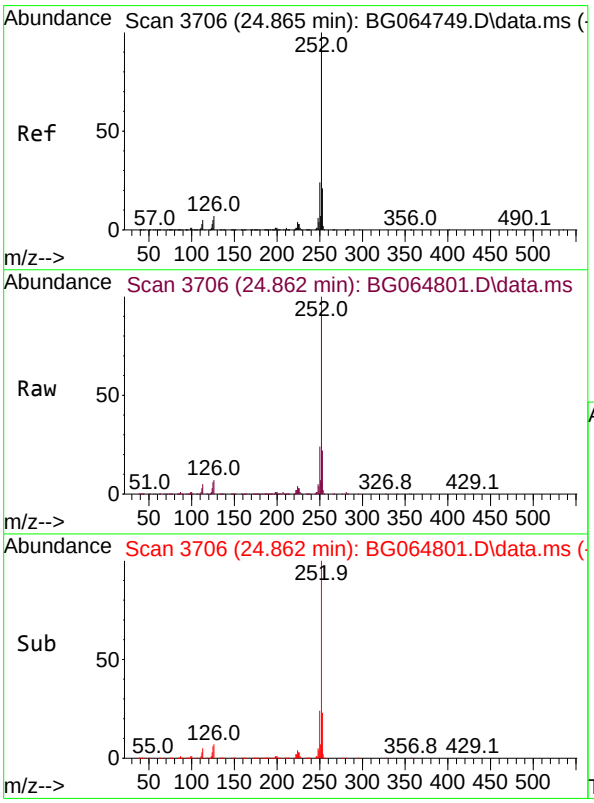
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.8 | 26.8 |
| 125 | 5.7 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

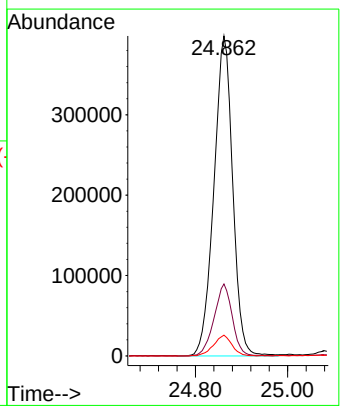
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

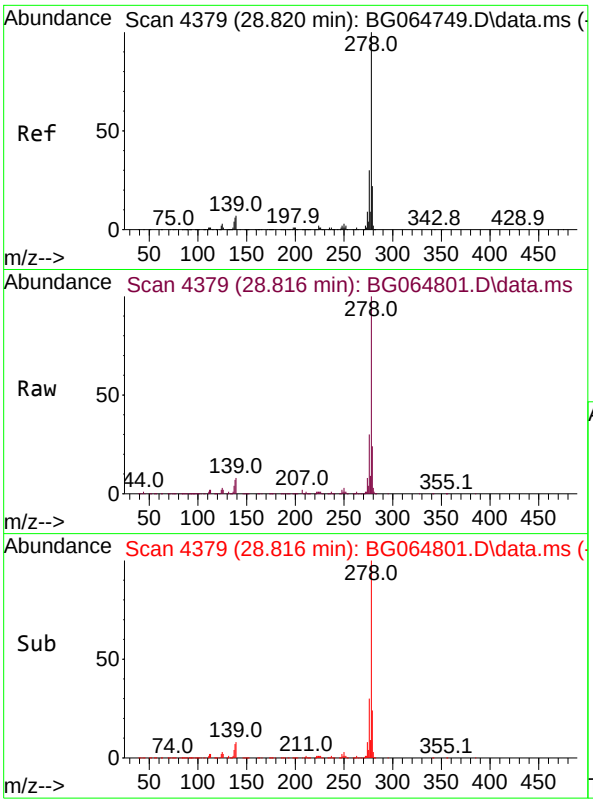



#90
Benzo(a)pyrene
Concen: 48.213 ng
RT: 24.862 min Scan# 3706
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:252 Resp: 1127879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 16.9 | 25.3 |
| 125 | 6.5 | 4.2 | 6.4# |

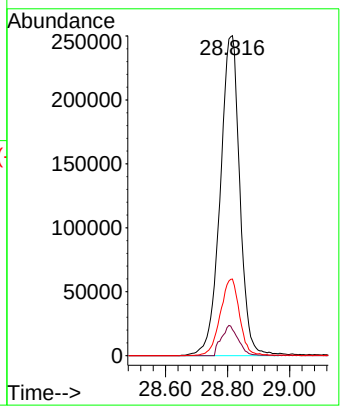





#91
Dibenzo(a,h)anthracene
Concen: 49.180 ng
RT: 28.816 min Scan# 4
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:278 Resp: 109691

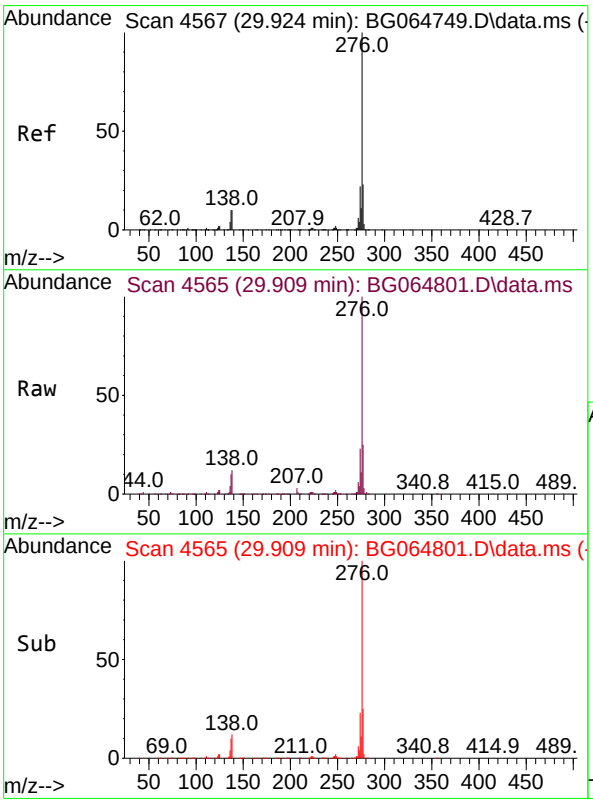
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.1 | 5.8 | 8.8 |
| 279 | 23.9 | 17.3 | 25.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
PB170598BS

**Manual Integrations**
**APPROVED**

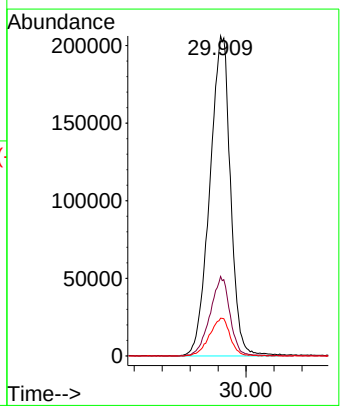
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 49.262 ng
RT: 29.909 min Scan# 4565
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:276 Resp: 1057418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.8 | 18.0 | 27.0 |
| 138 | 11.8 | 8.2 | 12.2 |



Raw Data: **BG064805.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 11/17/25 |
| Project: | NJ Soil PT | Date Received: | 11/17/25 |
| Client Sample ID: | NB-07-111725MS | SDG No.: | Q3483 |
| Lab Sample ID: | Q3658-01MS | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 90.9 |
| Sample Wt/Vol: | 50.03 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 62-75-9 | n-Nitrosodimethylamine | 870 | | 1 | 22.1 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 110-86-1 | Pyridine | 700 | | 1 | 25.9 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 100-52-7 | Benzaldehyde | 640 | | 1 | 100 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 62-53-3 | Aniline | 430 | | 1 | 32.8 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 108-95-2 | Phenol | 1000 | | 1 | 14.6 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 111-44-4 | bis(2-Chloroethyl)ether | 970 | | 1 | 16.0 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 95-57-8 | 2-Chlorophenol | 1100 | | 1 | 16.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 95-50-1 | 1,2-Dichlorobenzene | 1000 | | 1 | 12.8 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 541-73-1 | 1,3-Dichlorobenzene | 980 | | 1 | 11.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 106-46-7 | 1,4-Dichlorobenzene | 1000 | | 1 | 12.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 100-51-6 | Benzyl Alcohol | 1000 | | 1 | 32.0 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 95-48-7 | 2-Methylphenol | 1100 | | 1 | 19.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 900 | | 1 | 24.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 98-86-2 | Acetophenone | 960 | | 1 | 19.5 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 65794-96-9 | 3+4-Methylphenols | 1000 | | 1 | 27.1 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 980 | | 1 | 31.3 | 52.8 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 67-72-1 | Hexachloroethane | 970 | | 1 | 11.6 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 98-95-3 | Nitrobenzene | 960 | | 1 | 12.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 78-59-1 | Isophorone | 930 | | 1 | 21.6 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 88-75-5 | 2-Nitrophenol | 1100 | | 1 | 38.4 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 105-67-9 | 2,4-Dimethylphenol | 1000 | | 1 | 42.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 990 | | 1 | 20.3 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 120-83-2 | 2,4-Dichlorophenol | 1100 | | 1 | 18.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1100 | | 1 | 14.9 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 65-85-0 | Benzoic acid | 1100 | | 1 | 130 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 91-20-3 | Naphthalene | 970 | | 1 | 15.0 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 106-47-8 | 4-Chloroaniline | 220 | | 1 | 23.4 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 87-68-3 | Hexachlorobutadiene | 950 | | 1 | 16.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 105-60-2 | Caprolactam | 990 | | 1 | 34.4 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 59-50-7 | 4-Chloro-3-methylphenol | 1000 | | 1 | 18.9 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 91-57-6 | 2-Methylnaphthalene | 890 | | 1 | 16.9 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 77-47-4 | Hexachlorocyclopentadiene | 1100 | | 1 | 76.5 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1100 | | 1 | 13.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | | 1 | 19.2 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 92-52-4 | 1,1-Biphenyl | 1000 | | 1 | 14.4 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 91-58-7 | 2-Chloronaphthalene | 1000 | | 1 | 14.8 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 88-74-4 | 2-Nitroaniline | 1000 | | 1 | 31.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 131-11-3 | Dimethylphthalate | 940 | | 1 | 17.9 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 208-96-8 | Acenaphthylene | 1000 | | 1 | 19.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 606-20-2 | 2,6-Dinitrotoluene | 1000 | | 1 | 22.2 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 99-09-2 | 3-Nitroaniline | 620 | | 1 | 30.3 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 83-32-9 | Acenaphthene | 1100 | | 1 | 14.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |

Raw Data: **BG064805.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 11/17/25 |
| Project: | NJ Soil PT | Date Received: | 11/17/25 |
| Client Sample ID: | NB-07-111725MS | SDG No.: | Q3483 |
| Lab Sample ID: | Q3658-01MS | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 90.9 |
| Sample Wt/Vol: | 50.03 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 51-28-5 | 2,4-Dinitrophenol | 1600 | | 1 | 150 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 100-02-7 | 4-Nitrophenol | 2100 | E | 1 | 70.6 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 132-64-9 | Dibenzofuran | 990 | | 1 | 15.0 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 121-14-2 | 2,4-Dinitrotoluene | 1000 | | 1 | 33.0 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 84-66-2 | Diethylphthalate | 950 | | 1 | 18.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 960 | | 1 | 17.6 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 86-73-7 | Fluorene | 970 | | 1 | 16.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 100-01-6 | 4-Nitroaniline | 880 | | 1 | 42.4 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1000 | | 1 | 67.9 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 86-30-6 | n-Nitrosodiphenylamine | 1100 | | 1 | 21.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 103-33-3 | Azobenzene | 1100 | | 1 | 19.3 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 101-55-3 | 4-Bromophenyl-phenylether | 1100 | | 1 | 18.3 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 118-74-1 | Hexachlorobenzene | 1000 | | 1 | 16.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 1912-24-9 | Atrazine | 1000 | | 1 | 22.4 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 87-86-5 | Pentachlorophenol | 2100 | E | 1 | 33.8 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 85-01-8 | Phenanthrene | 1000 | | 1 | 13.8 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 120-12-7 | Anthracene | 990 | | 1 | 22.0 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 86-74-8 | Carbazole | 950 | | 1 | 20.6 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 84-74-2 | Di-n-butylphthalate | 1000 | | 1 | 31.6 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 206-44-0 | Fluoranthene | 870 | | 1 | 19.8 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 92-87-5 | Benzidine | 500 | | 1 | 97.6 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 129-00-0 | Pyrene | 1200 | | 1 | 23.7 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 85-68-7 | Butylbenzylphthalate | 1100 | | 1 | 47.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 91-94-1 | 3,3-Dichlorobenzidine | 470 | | 1 | 24.2 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 56-55-3 | Benzo(a)anthracene | 1000 | | 1 | 15.2 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 218-01-9 | Chrysene | 1000 | | 1 | 13.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1100 | | 1 | 39.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 117-84-0 | Di-n-octyl phthalate | 1000 | | 1 | 57.3 | 220 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 205-99-2 | Benzo(b)fluoranthene | 1000 | | 1 | 12.5 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 207-08-9 | Benzo(k)fluoranthene | 990 | | 1 | 14.8 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 50-32-8 | Benzo(a)pyrene | 1000 | | 1 | 19.5 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 | | 1 | 19.2 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1100 | | 1 | 18.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 191-24-2 | Benzo(g,h,i)perylene | 1200 | | 1 | 17.0 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | | 1 | 16.9 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 123-91-1 | 1,4-Dioxane | 740 | | 1 | 29.8 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1100 | | 1 | 18.1 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| 90-12-0 | 1-Methylnaphthalene | 930 | | 1 | 17.0 | 110 | ug/Kg | 11/18/25 16:21 | PB170598 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 98.6 | | | 10 - 105 | 66% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 99.7 | | | 10 - 103 | 66% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 62.3 | | | 10 - 108 | 62% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 59.3 | | | 10 - 108 | 59% | SPK: 100 | | |

Raw Data: **BG064805.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | 11/17/25 |
| Project: | NJ Soil PT | | | Date Received: | 11/17/25 |
| Client Sample ID: | NB-07-111725MS | | | SDG No.: | Q3483 |
| Lab Sample ID: | Q3658-01MS | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 90.9 |
| Sample Wt/Vol: | 50.03 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol | 90.8 | | | 10 - 116 | 61% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 73.4 | | | 10 - 109 | 73% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 48200 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 195000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 156000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 349000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 337000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 363000 | | | | | | | |

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

Sample Results: **BG064805.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064805.D
Acq On : 18 Nov 2025 16:21
Operator : RC/JU
Sample : Q3658-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 18 16:56:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.164 | 152 | 48188 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.984 | 136 | 195252 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.774 | 164 | 155870 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.506 | 188 | 348676 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.754 | 240 | 336753 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.015 | 264 | 363160 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.702 | 112 | 271985 | 98.561 | ng | 0.00 |
| 7) Phenol-d6 | 7.312 | 99 | 365828 | 99.671 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.327 | 82 | 246163 | 62.335 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.254 | 330 | 275931 | 90.768 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.405 | 172 | 662190 | 59.279 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.091 | 244 | 1256101 | 73.373 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.516 | 88 | 36011 | 33.708 | ng | 99 |
| 3) Pyridine | 3.934 | 79 | 101452 | 31.872 | ng | 95 |
| 4) n-Nitrosodimethylamine | 3.840 | 42 | 64255 | 39.661 | ng | 93 |
| 6) Aniline | 7.477 | 93 | 94592 | 19.335 | ng | 99 |
| 8) 2-Chlorophenol | 7.723 | 128 | 144990 | 47.850 | ng | 99 |
| 9) Benzaldehyde | 7.289 | 77 | 69717 | 29.017 | ng | 93 |
| 10) Phenol | 7.336 | 94 | 186919 | 46.806 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.571 | 93 | 125858 | 44.289 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 8.052 | 146 | 156109 | 44.773 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 8.199 | 146 | 161464 | 45.479 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 8.522 | 146 | 159539 | 46.344 | ng | 96 |
| 15) Benzyl Alcohol | 8.393 | 79 | 141575 | 46.993 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.687 | 45 | 275986 | 41.031 | ng | 97 |
| 17) 2-Methylphenol | 8.599 | 107 | 136651 | 48.361 | ng | 95 |
| 18) Hexachloroethane | 9.257 | 117 | 59487 | 44.238 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.969 | 70 | 110971 | 44.716 | ng | 94 |
| 20) 3+4-Methylphenols | 8.928 | 107 | 184193 | 47.583 | ng | 93 |
| 22) Acetophenone | 8.987 | 105 | 232753 | 43.754 | ng | 97 |
| 24) Nitrobenzene | 9.368 | 77 | 175089 | 43.880 | ng | 96 |
| 25) Isophorone | 9.897 | 82 | 319462 | 42.480 | ng | 96 |
| 26) 2-Nitrophenol | 10.085 | 139 | 87880 | 48.965 | ng | 96 |
| 27) 2,4-Dimethylphenol | 10.138 | 122 | 148894 | 46.697 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.373 | 93 | 186357 | 45.138 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.626 | 162 | 168740 | 49.293 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.843 | 180 | 197518 | 47.783 | ng | 98 |
| 31) Naphthalene | 11.031 | 128 | 487558 | 44.050 | ng | 99 |
| 32) Benzoic acid | 10.285 | 122 | 112360 | 49.693 | ng | 94 |
| 33) 4-Chloroaniline | 11.131 | 127 | 45187 | 10.206 | ng | 99 |
| 34) Hexachlorobutadiene | 11.325 | 225 | 152598 | 43.025 | ng | 98 |
| 35) Caprolactam | 11.901 | 113 | 46162m | 45.085 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.242 | 107 | 178954 | 46.967 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.623 | 142 | 336610 | 40.640 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.841 | 142 | 349765 | 42.510 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.988 | 216 | 278911 | 45.979 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.970 | 237 | 223701 | 51.450 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 13.217 | 196 | 174327 | 48.965 | ng | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064805.D
Acq On : 18 Nov 2025 16:21
Operator : RC/JU
Sample : Q3658-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 18 16:56:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.287 | 196 | 191296 | 47.907 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.616 | 154 | 515038 | 46.006 | ng | | 97 |
| 47) 2-Chloronaphthalene | 13.663 | 162 | 401490 | 45.521 | ng | | 99 |
| 48) 2-Nitroaniline | 13.851 | 65 | 134647 | 47.464 | ng | | 99 |
| 49) Acenaphthylene | 14.504 | 152 | 691802 | 45.912 | ng | | 99 |
| 50) Dimethylphthalate | 14.222 | 163 | 527447 | 42.838 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.339 | 165 | 112556 | 47.507 | ng | | 93 |
| 52) Acenaphthene | 14.839 | 154 | 445517 | 49.313 | ng | | 100 |
| 53) 3-Nitroaniline | 14.668 | 138 | 66262 | 28.336 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.868 | 184 | 118117 | 73.554 | ng | | 95 |
| 55) Dibenzofuran | 15.168 | 168 | 673078 | 45.064 | ng | | 98 |
| 56) 4-Nitrophenol | 14.968 | 139 | 173189 | 93.348 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 15.121 | 165 | 164718 | 46.373 | ng | # | 97 |
| 58) Fluorene | 15.814 | 166 | 514570 | 43.926 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.391 | 232 | 195914 | 49.728 | ng | | 97 |
| 60) Diethylphthalate | 15.573 | 149 | 511099 | 43.332 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.802 | 204 | 307850 | 43.789 | ng | | 98 |
| 62) 4-Nitroaniline | 15.820 | 138 | 97181 | 40.116 | ng | | 93 |
| 63) Azobenzene | 16.096 | 77 | 495116 | 50.467 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.878 | 198 | 88449 | 45.688 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 16.014 | 169 | 463930 | 50.797 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.689 | 248 | 226501 | 49.466 | ng | | 97 |
| 68) Hexachlorobenzene | 16.819 | 284 | 262785 | 47.369 | ng | | 97 |
| 69) Atrazine | 16.948 | 200 | 201168 | 45.686 | ng | | 98 |
| 70) Pentachlorophenol | 17.153 | 266 | 321249 | 96.485 | ng | | 99 |
| 71) Phenanthrene | 17.547 | 178 | 886662 | 46.477 | ng | | 99 |
| 72) Anthracene | 17.635 | 178 | 877242 | 45.096 | ng | | 99 |
| 73) Carbazole | 17.900 | 167 | 725006 | 43.355 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.446 | 149 | 850883 | 45.607 | ng | | 98 |
| 75) Fluoranthene | 19.539 | 202 | 1029901 | 39.479 | ng | | 99 |
| 77) Benzidine | 19.709 | 184 | 229554 | 22.761 | ng | | 97 |
| 78) Pyrene | 19.897 | 202 | 1051714 | 55.724 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.767 | 149 | 340509 | 51.293 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.736 | 228 | 1065650 | 46.539 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.642 | 252 | 181271 | 21.508 | ng | | 97 |
| 83) Chrysene | 21.801 | 228 | 1006580 | 46.628 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.631 | 149 | 483937 | 49.887 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.859 | 149 | 795379 | 47.433 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.769 | 276 | 1293771 | 51.854 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 23.981 | 252 | 1089616 | 47.147 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.051 | 252 | 1049422 | 45.198 | ng | | 99 |
| 90) Benzo(a)pyrene | 24.868 | 252 | 1016437 | 47.412 | ng | # | 99 |
| 91) Dibenzo(a,h)anthracene | 28.822 | 278 | 1046674 | 51.208 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 29.927 | 276 | 1048620 | 53.307 | ng | | 98 |

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

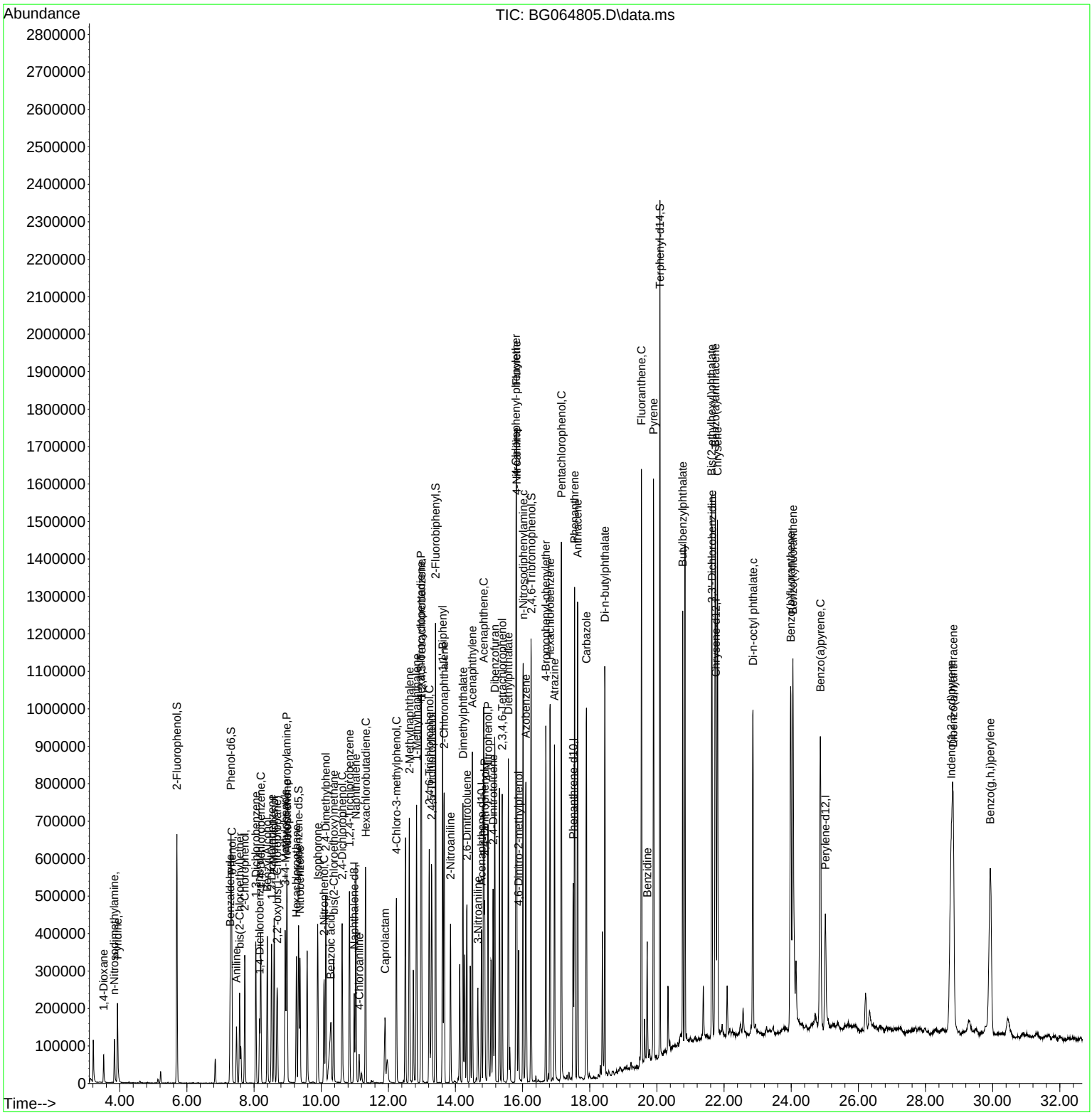
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064805.D
Acq On : 18 Nov 2025 16:21
Operator : RC/JU
Sample : Q3658-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

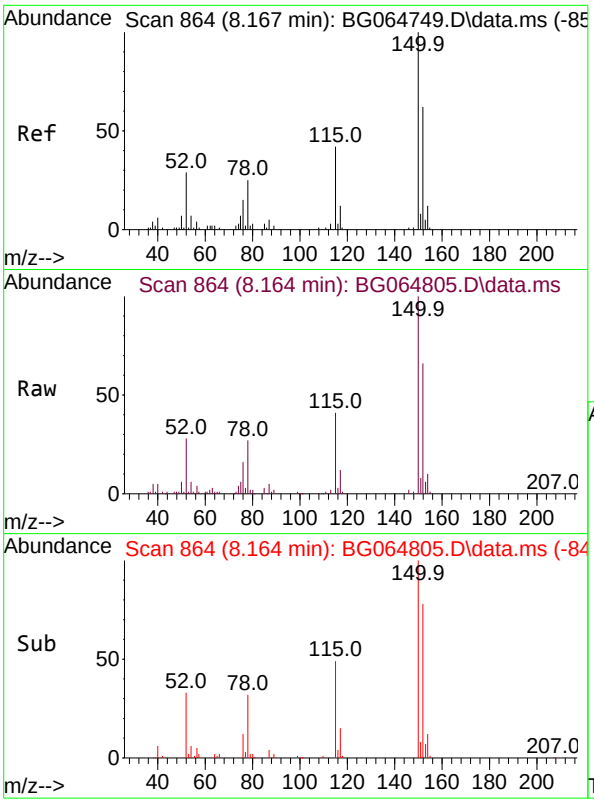
Quant Time: Nov 18 16:56:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

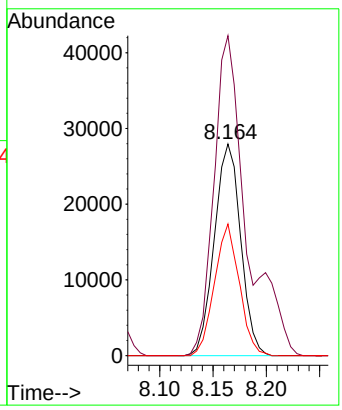





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:152 Resp: 4818

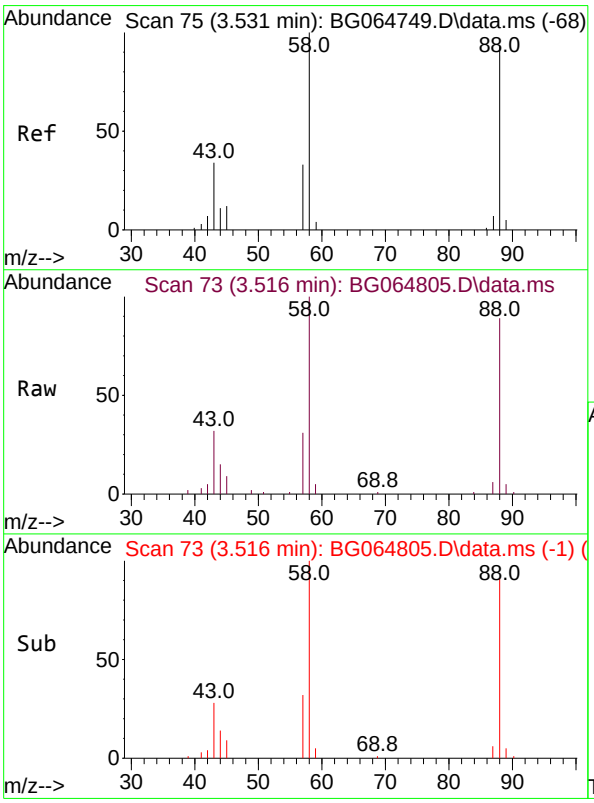
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.2 | 129.2 | 193.8 |
| 115 | 62.2 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

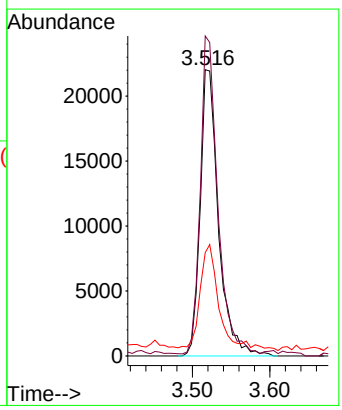
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

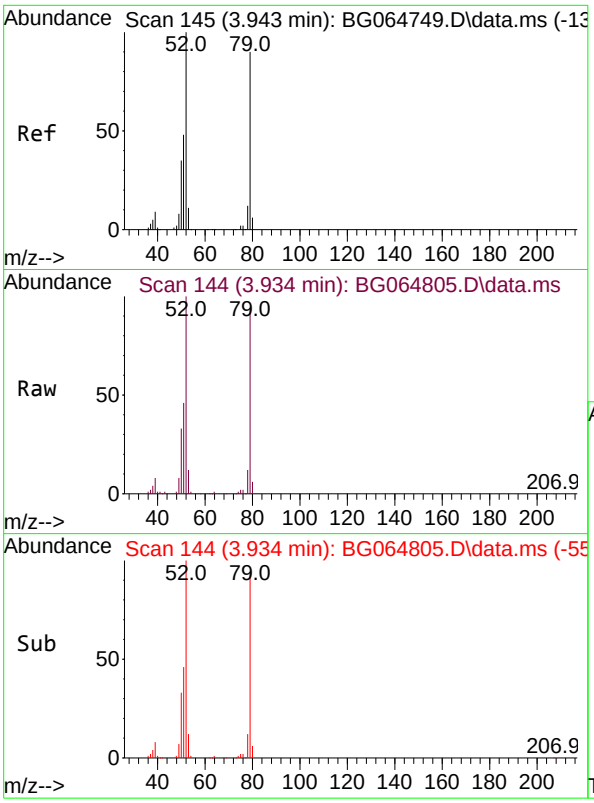



#2
1,4-Dioxane
Concen: 33.708 ng
RT: 3.516 min Scan# 73
Delta R.T. -0.015 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 88 Resp: 36011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 106.4 | 84.6 | 126.8 |
| 43 | 39.4 | 30.0 | 45.0 |






#3
Pyridine
Concen: 31.872 ng
RT: 3.934 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

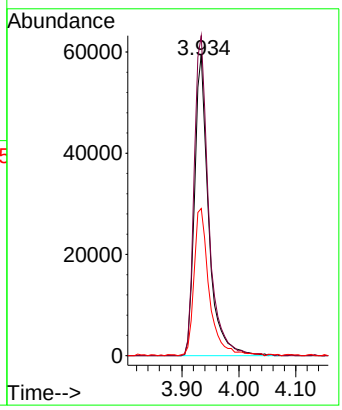
Tgt Ion: 79 Resp: 10145

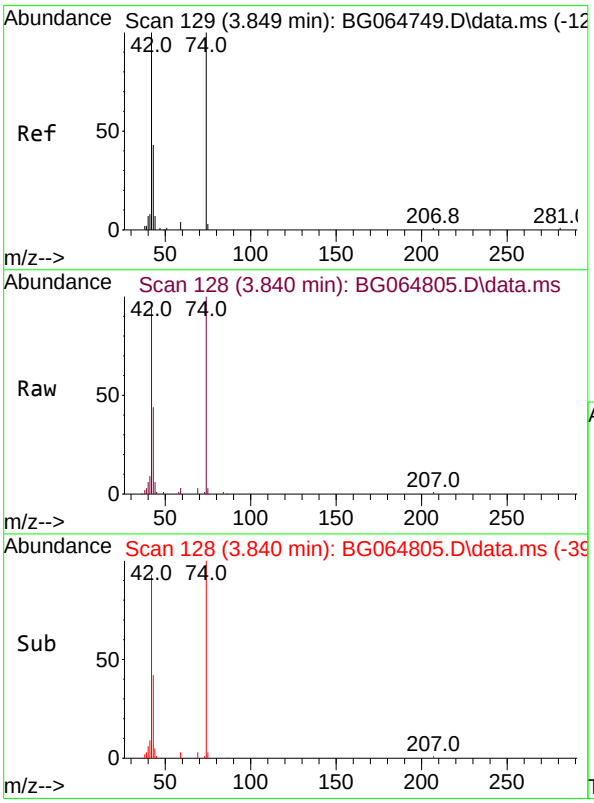
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 106.4 | 89.0 | 133.4 |
| 51 | 48.9 | 43.4 | 65.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

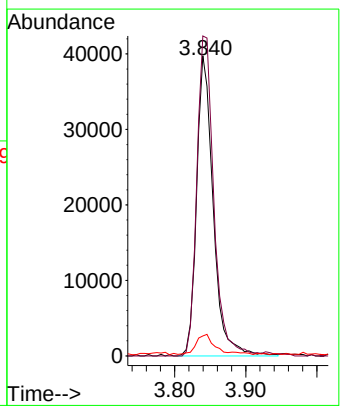


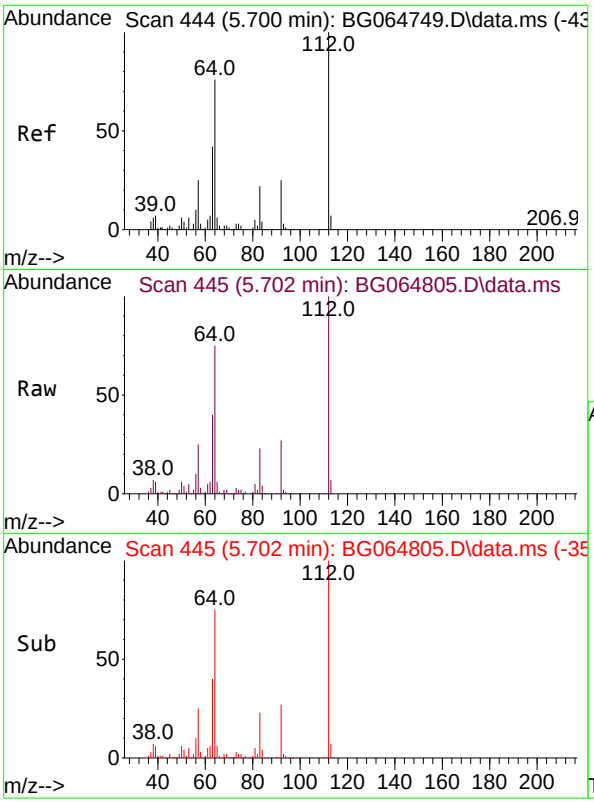




#4
n-Nitrosodimethylamine
Concen: 39.661 ng
RT: 3.840 min Scan# 128
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 42 Resp: 64255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 106.6 | 79.8 | 119.6 |
| 44 | 6.6 | 5.9 | 8.9 |






#5
2-Fluorophenol
Concen: 98.561 ng
RT: 5.702 min Scan# 44
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

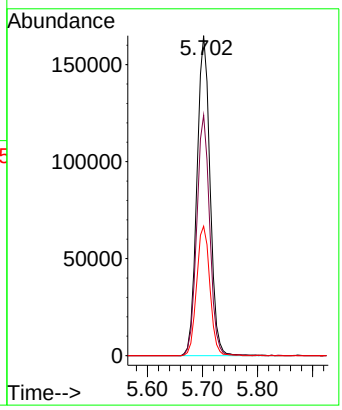
Tgt Ion:112 Resp: 27198

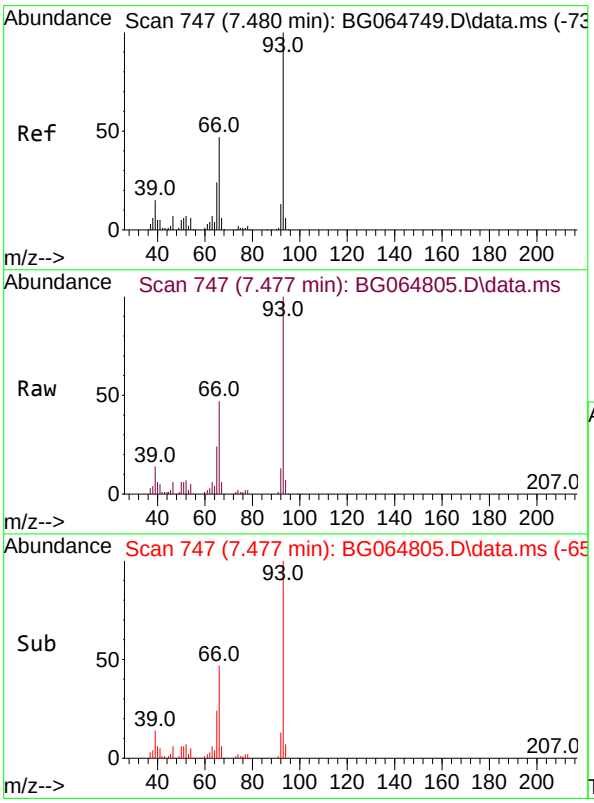
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.1 | 61.0 | 91.4 |
| 63 | 40.4 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

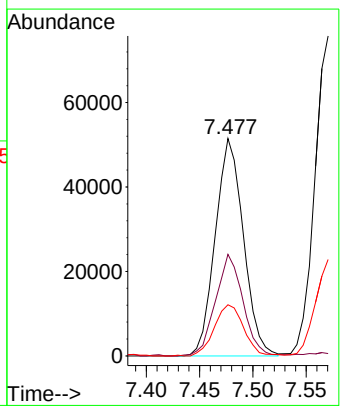


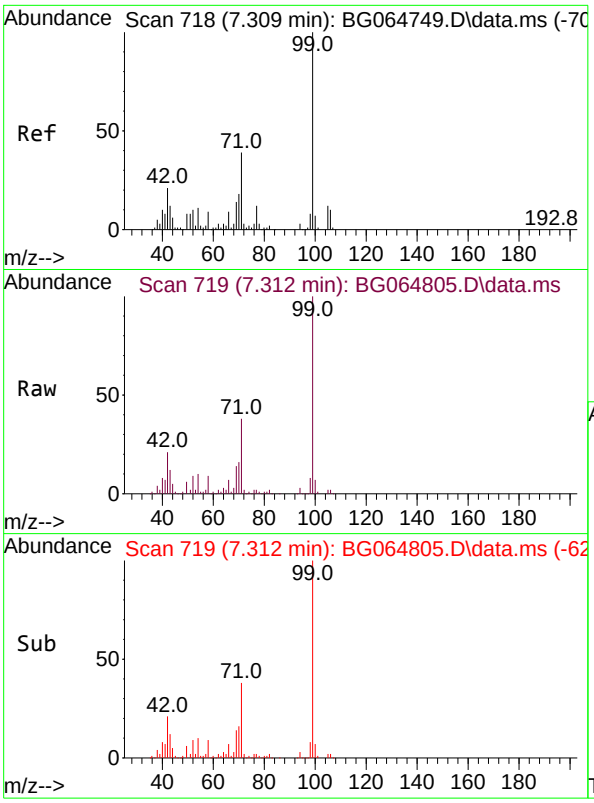




#6
Aniline
Concen: 19.335 ng
RT: 7.477 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 93 Resp: 94592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 46.7 | 37.7 | 56.5 |
| 65 | 23.5 | 19.1 | 28.7 |

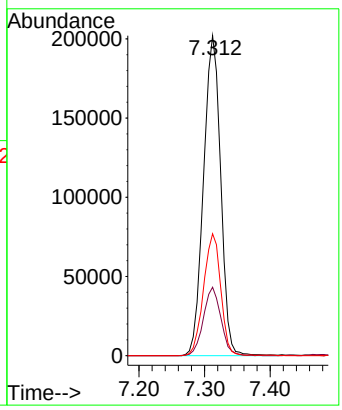





#7
Phenol-d6
Concen: 99.671 ng
RT: 7.312 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 99 Resp: 365828

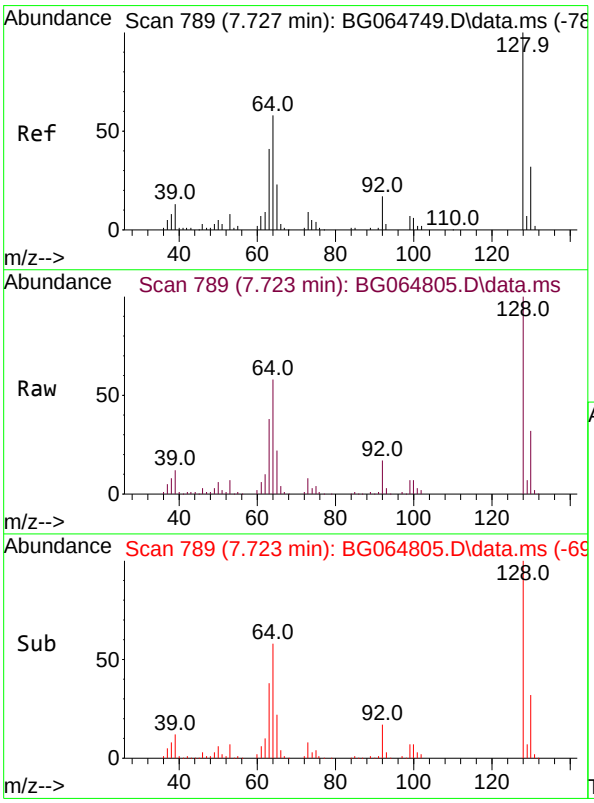
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.4 | 16.8 | 25.2 |
| 71 | 38.1 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

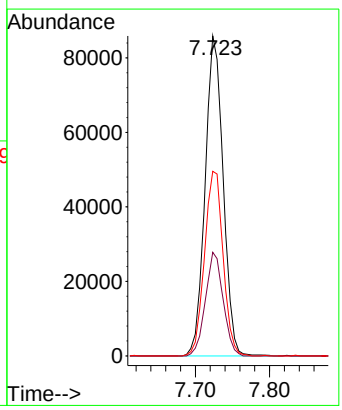
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

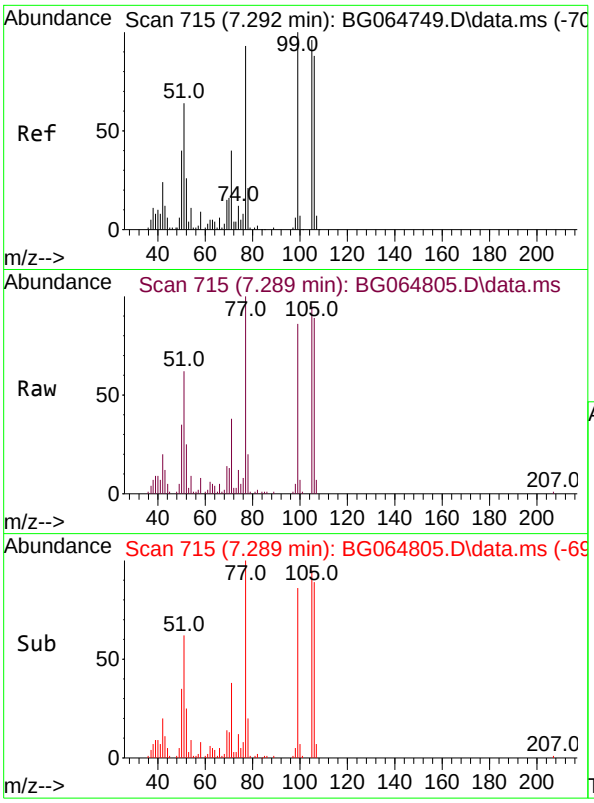



#8
2-Chlorophenol
Concen: 47.850 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:128 Resp: 144990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 11.9 | 51.9 |
| 64 | 57.7 | 38.4 | 78.4 |

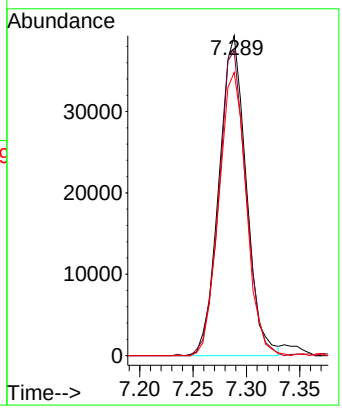





#9
Benzaldehyde
Concen: 29.017 ng
RT: 7.289 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 77 Resp: 6971

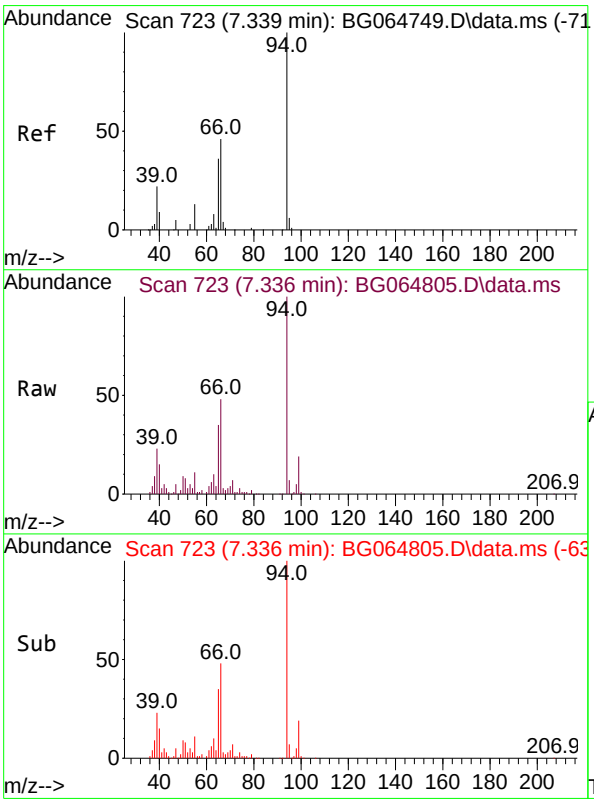
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.2 | 83.8 | 123.8 |
| 106 | 88.5 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

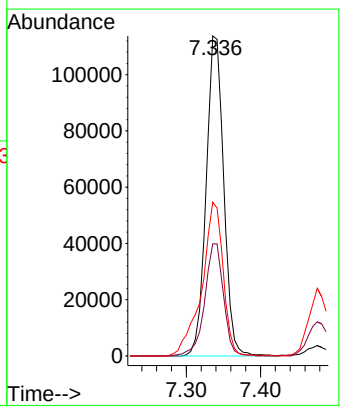
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

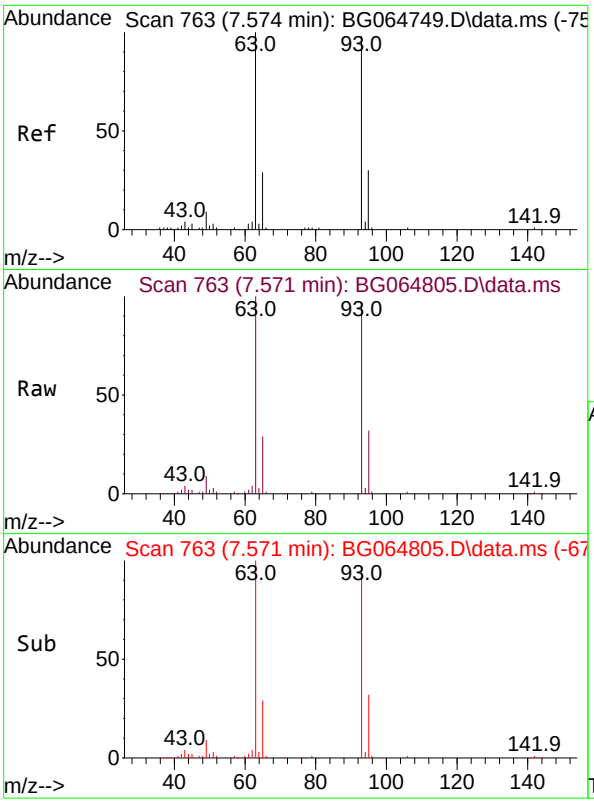



#10
Phenol
Concen: 46.806 ng
RT: 7.336 min Scan# 723
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 94 Resp: 186919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 35.0 | 17.0 | 57.0 |
| 66 | 48.0 | 29.8 | 69.8 |

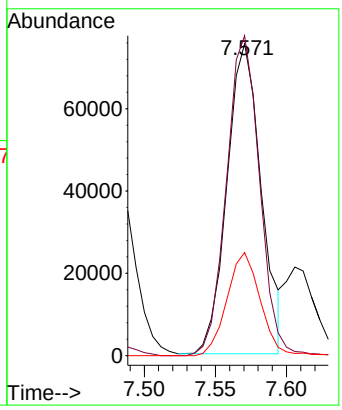





#11
bis(2-Chloroethyl)ether
Concen: 44.289 ng
RT: 7.571 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 93 Resp: 12585

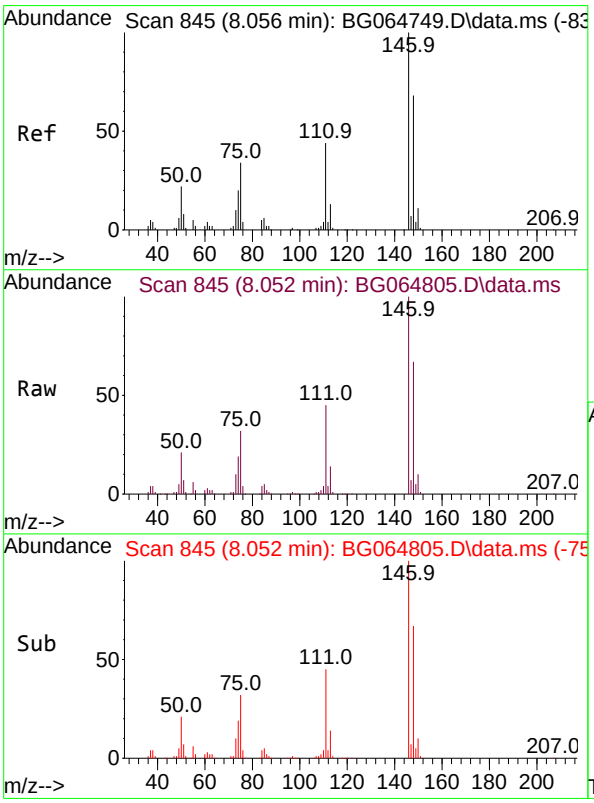
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 102.6 | 81.8 | 121.8 |
| 95 | 33.1 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

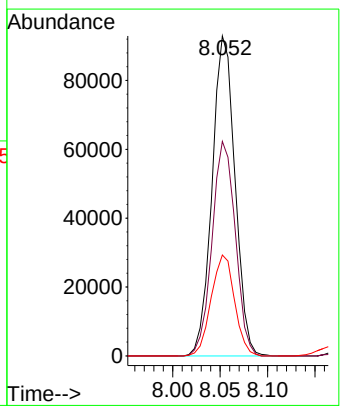
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

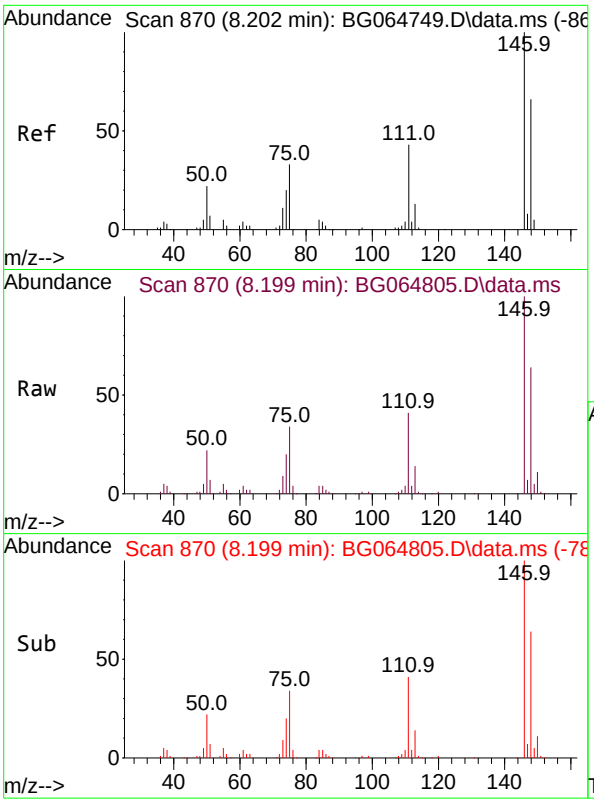



#12
1,3-Dichlorobenzene
Concen: 44.773 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:146 Resp: 156109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.0 | 54.6 | 82.0 |
| 75 | 31.5 | 27.6 | 41.4 |

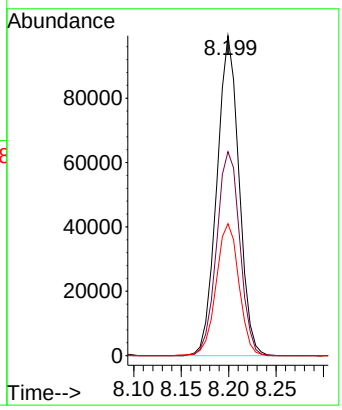





#13
1,4-Dichlorobenzene
Concen: 45.479 ng
RT: 8.199 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:146 Resp: 16146

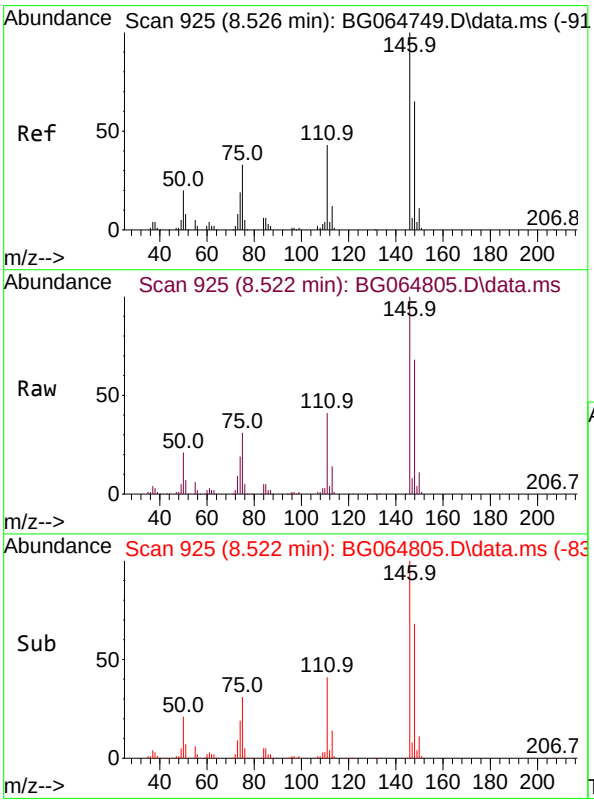
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 53.1 | 79.7 |
| 111 | 41.2 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

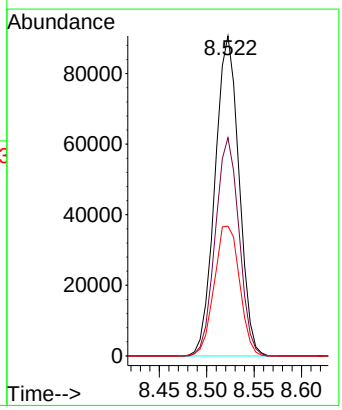
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

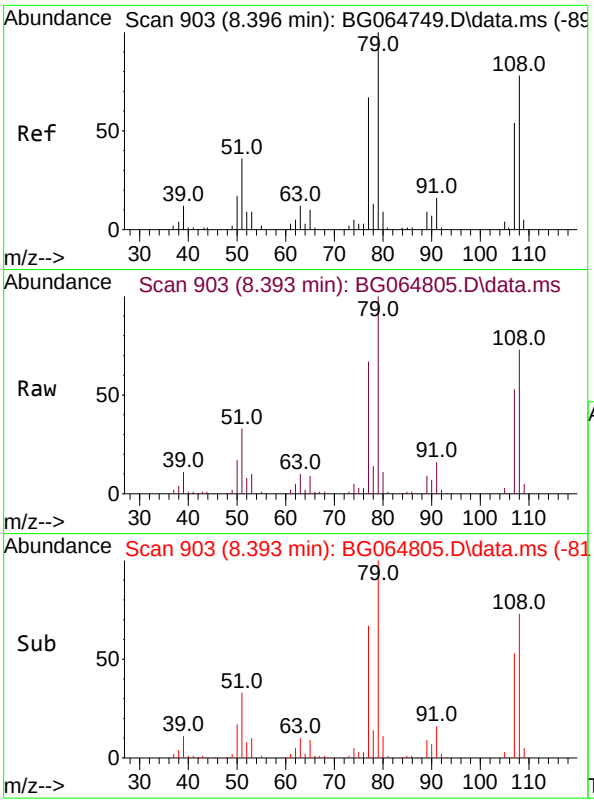



#14
1,2-Dichlorobenzene
Concen: 46.344 ng
RT: 8.522 min Scan# 925
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:146 Resp: 159539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.2 | 52.0 | 78.0 |
| 111 | 40.5 | 34.7 | 52.1 |

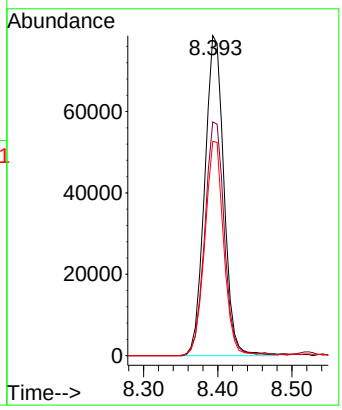





#15
Benzyl Alcohol
Concen: 46.993 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 79 Resp: 14157

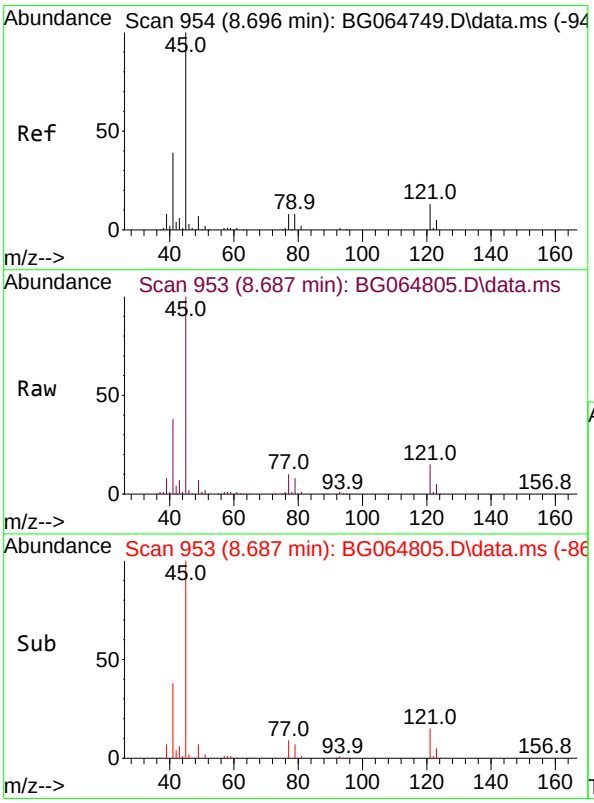
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.0 | 62.3 | 93.5 |
| 77 | 67.0 | 53.5 | 80.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

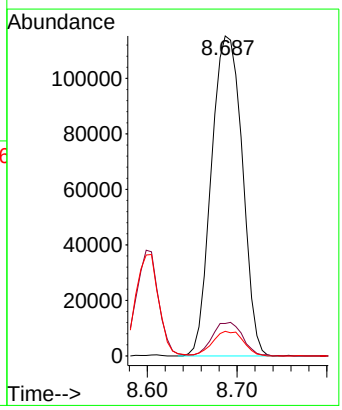
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

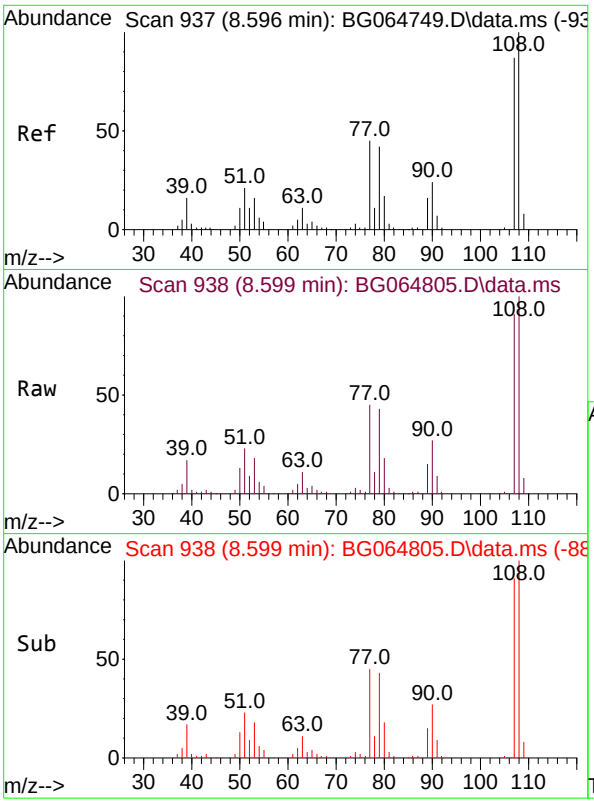



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.031 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 45 Resp: 275986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.1 | 0.0 | 28.8 |
| 79 | 7.7 | 0.0 | 28.1 |

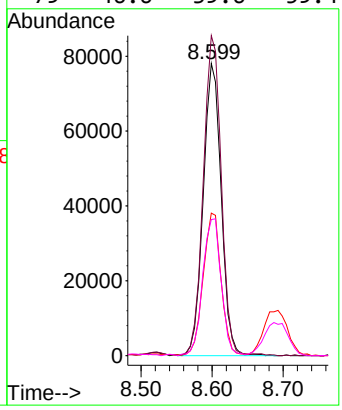





#17
2-Methylphenol
Concen: 48.361 ng
RT: 8.599 min Scan# 9
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:107 Resp: 13665

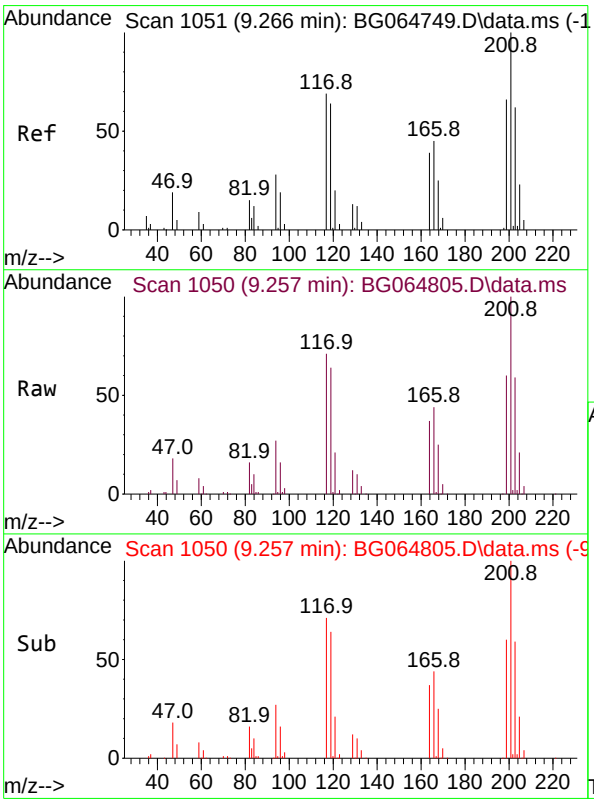
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 109.6 | 92.6 | 138.8 |
| 77 | 48.8 | 41.2 | 61.8 |
| 79 | 46.6 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

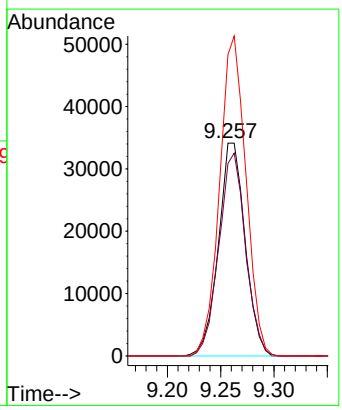
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

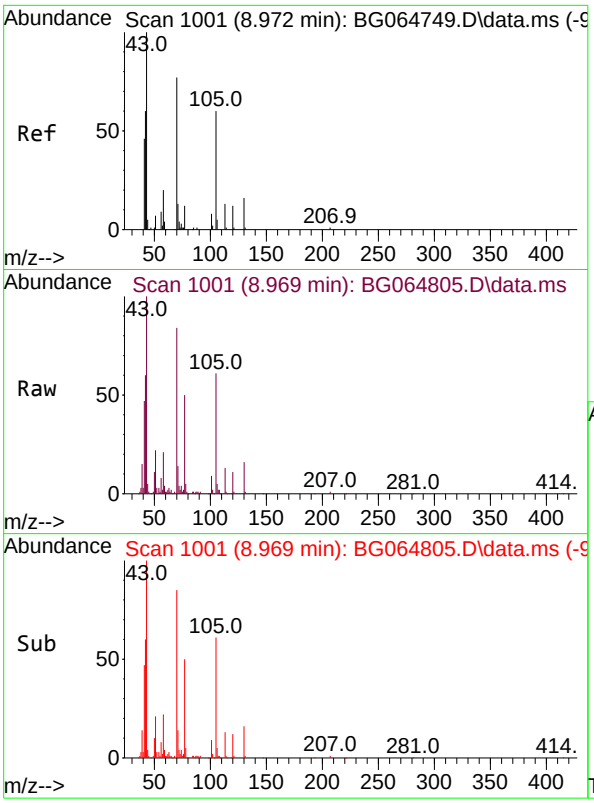



#18
Hexachloroethane
Concen: 44.238 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:117 Resp: 59487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.5 | 74.4 | 111.6 |
| 201 | 144.5 | 116.5 | 174.7 |

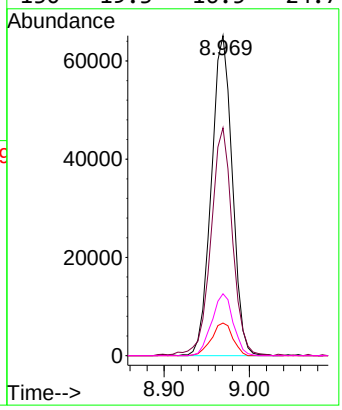





#19
n-Nitroso-di-n-propylamine
Concen: 44.716 ng
RT: 8.969 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 70 Resp: 11097

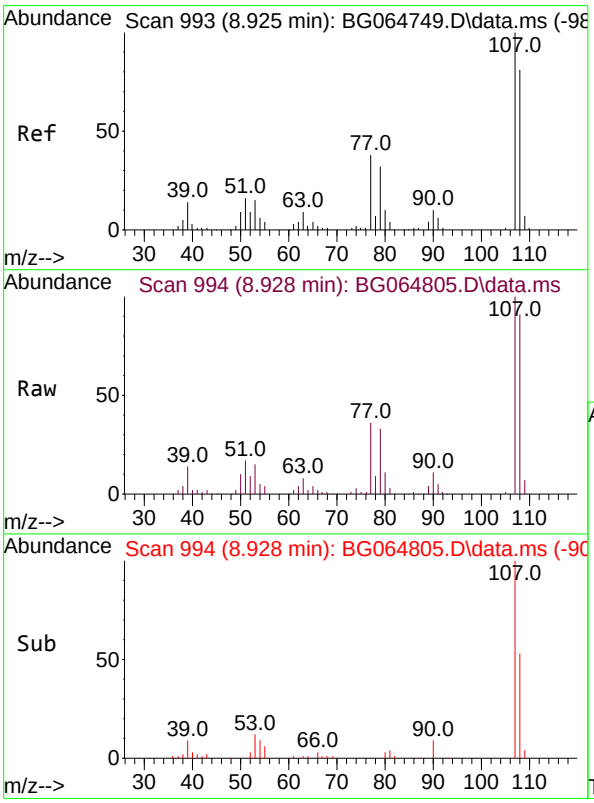
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 71.2 | 62.6 | 93.8 |
| 101 | 10.2 | 8.0 | 12.0 |
| 130 | 19.3 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

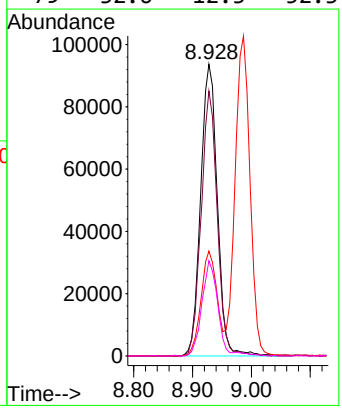
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

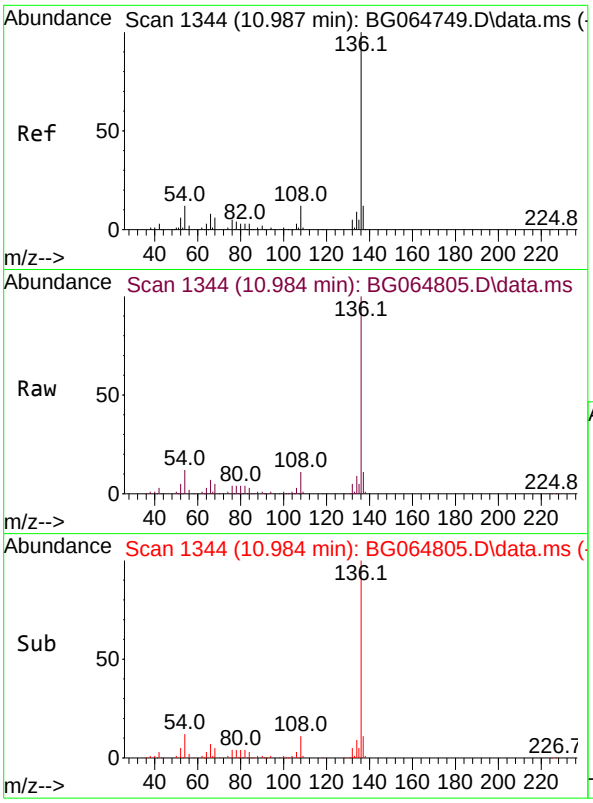



#20
3+4-Methylphenols
Concen: 47.583 ng
RT: 8.928 min Scan# 994
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:107 Resp: 184193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.8 | 61.0 | 101.0 |
| 77 | 35.9 | 17.6 | 57.6 |
| 79 | 32.6 | 12.3 | 52.3 |

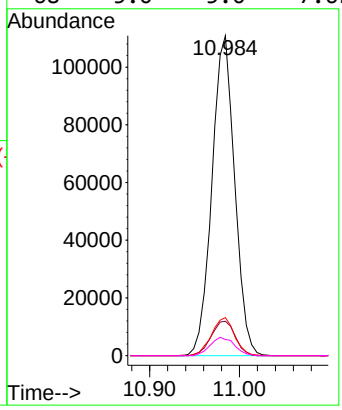





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:136 Resp: 19525

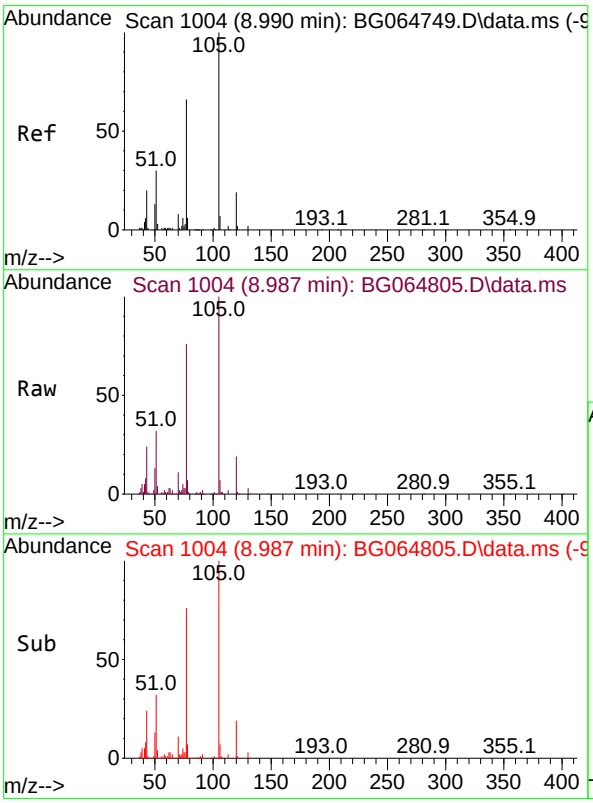
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 9.3 | 13.9 |
| 54 | 11.9 | 9.3 | 13.9 |
| 68 | 5.0 | 5.0 | 7.6# |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

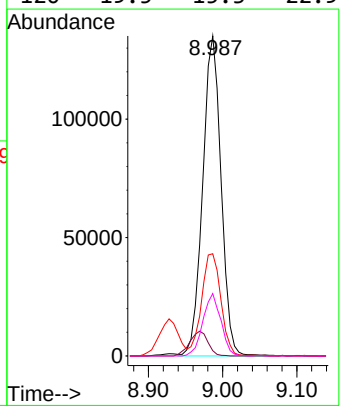
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

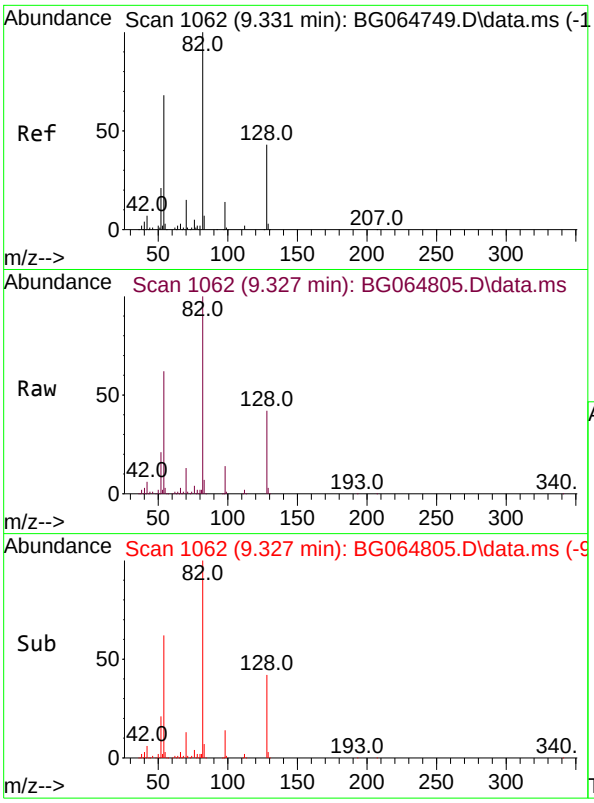



#22
Acetophenone
Concen: 43.754 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:105 Resp: 232753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.7 | 1.3 | 1.9 |
| 51 | 31.9 | 27.9 | 41.9 |
| 120 | 19.5 | 15.3 | 22.9 |






#23
Nitrobenzene-d5
Concen: 62.335 ng
RT: 9.327 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

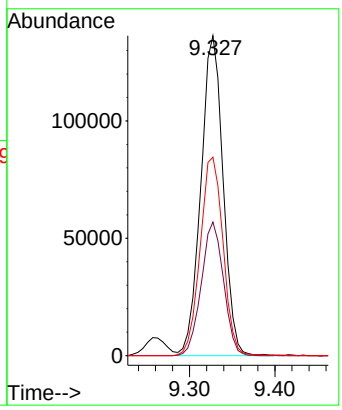
Tgt Ion: 82 Resp: 24616

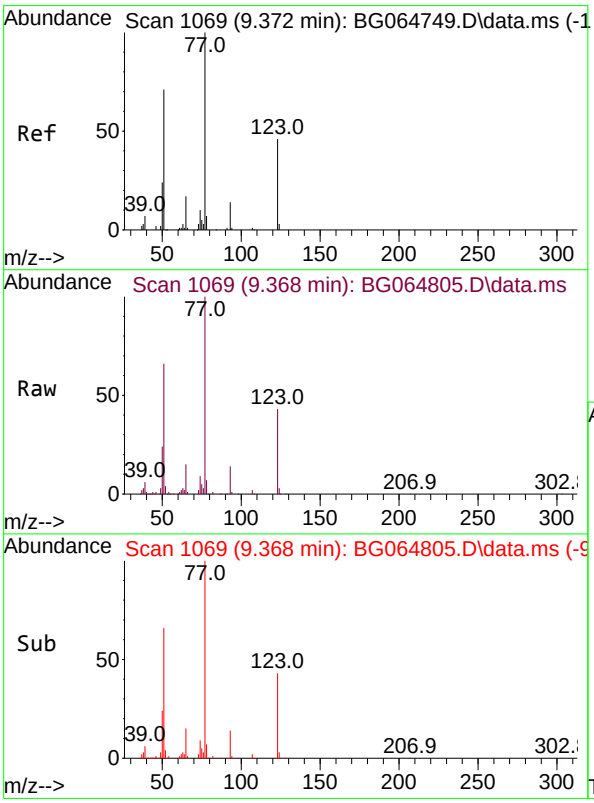
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.7 | 34.1 | 51.1 |
| 54 | 62.0 | 54.3 | 81.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

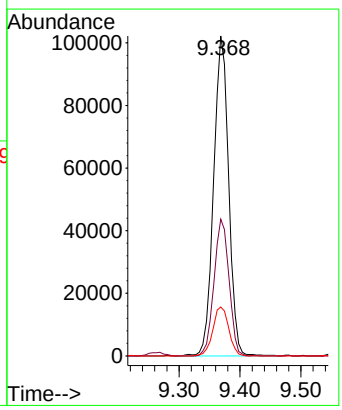


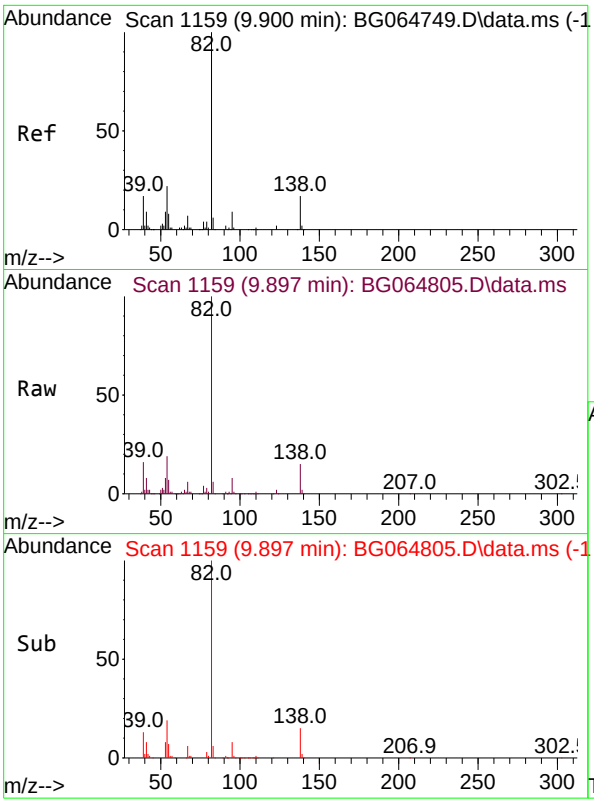




#24
Nitrobenzene
Concen: 43.880 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 77 Resp: 175089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 42.7 | 36.5 | 54.7 |
| 65 | 15.3 | 13.5 | 20.3 |

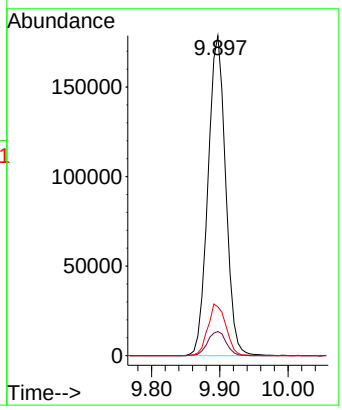





#25
Isophorone
Concen: 42.480 ng
RT: 9.897 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 82 Resp: 31946

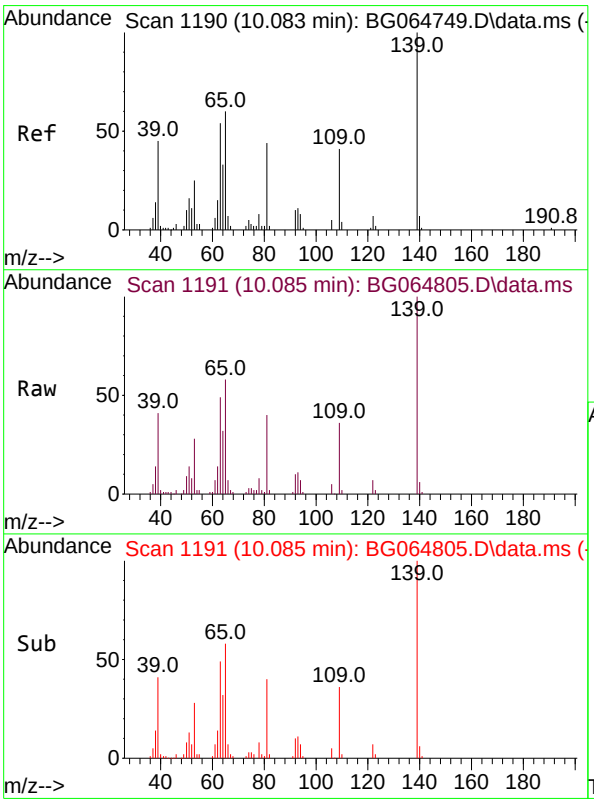
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 6.9 | 10.3 |
| 138 | 15.2 | 13.9 | 20.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

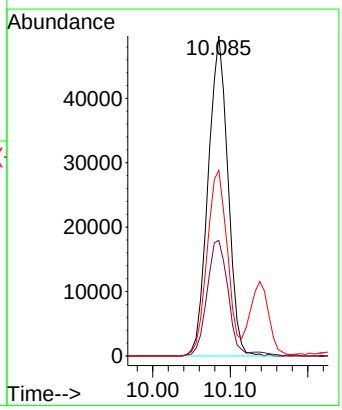
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

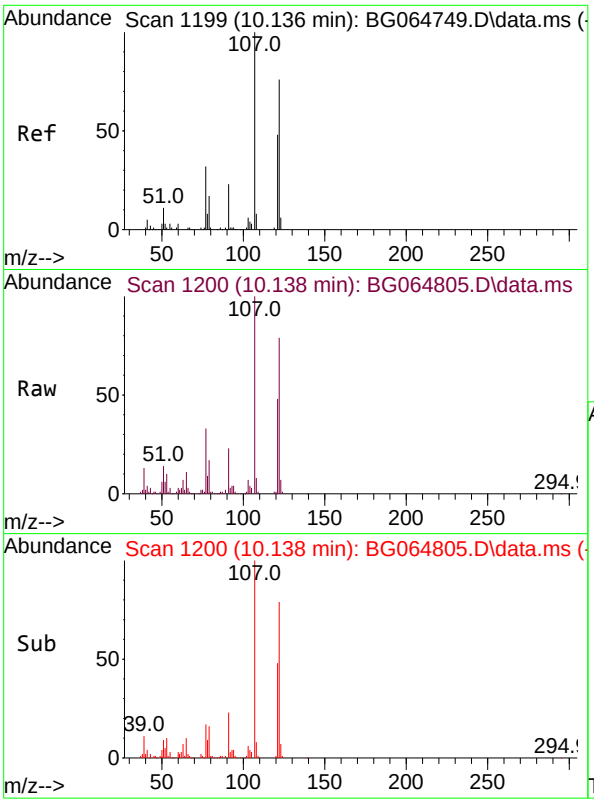



#26
2-Nitrophenol
Concen: 48.965 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:139 Resp: 87880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 36.1 | 32.5 | 48.7 |
| 65 | 58.0 | 47.6 | 71.4 |

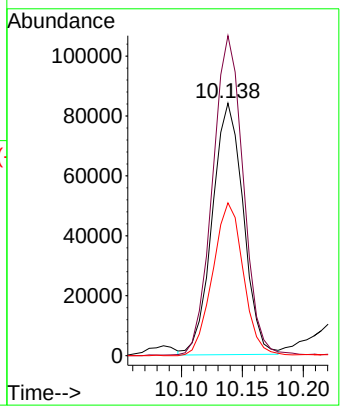





#27
2,4-Dimethylphenol
Concen: 46.697 ng
RT: 10.138 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:122 Resp: 14889

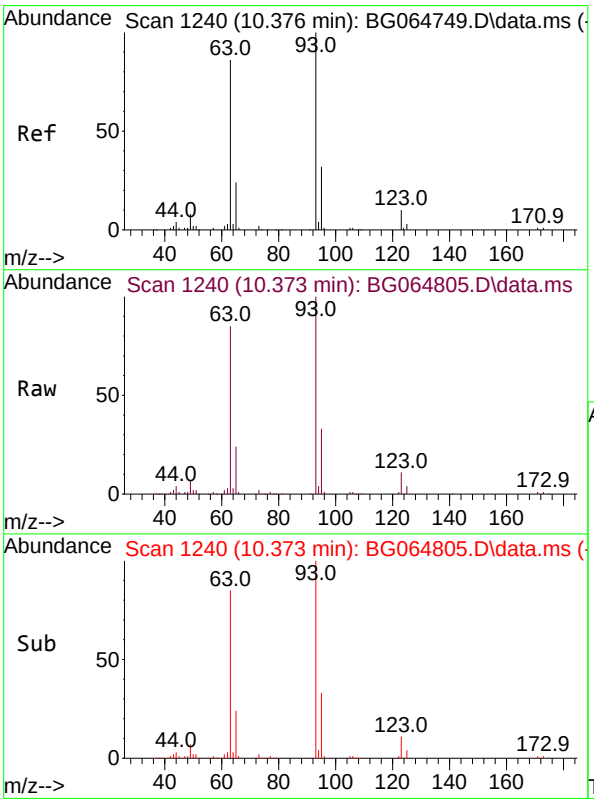
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 126.8 | 102.5 | 153.7 |
| 121 | 60.5 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

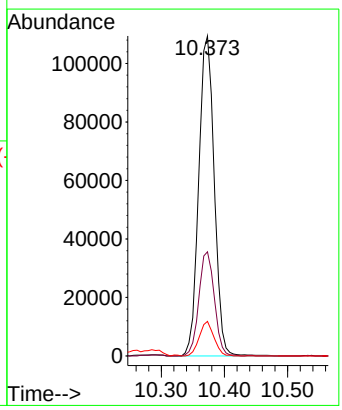
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

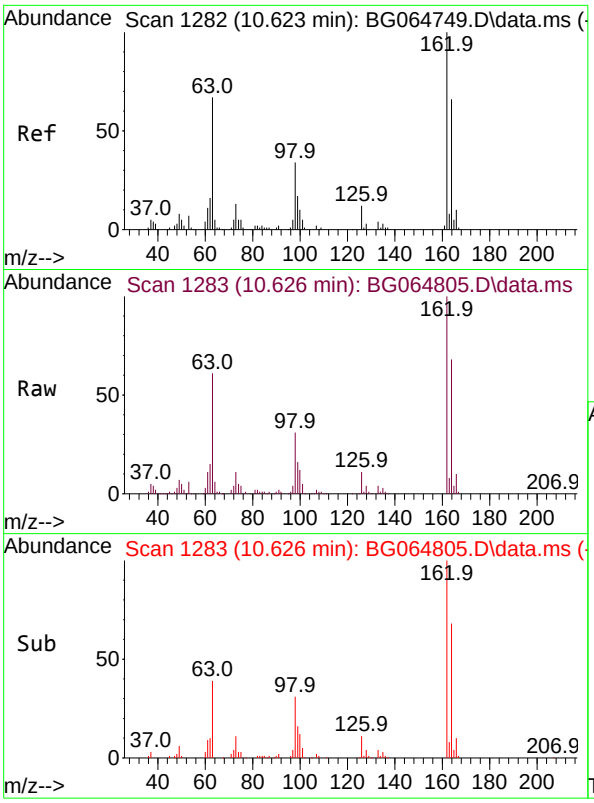



#28
bis(2-Chloroethoxy)methane
Concen: 45.138 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 93 Resp: 186357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 25.4 | 38.2 |
| 123 | 10.8 | 8.1 | 12.1 |

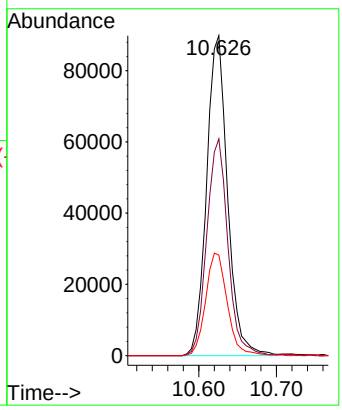





#29
2,4-Dichlorophenol
Concen: 49.293 ng
RT: 10.626 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:162 Resp: 16874

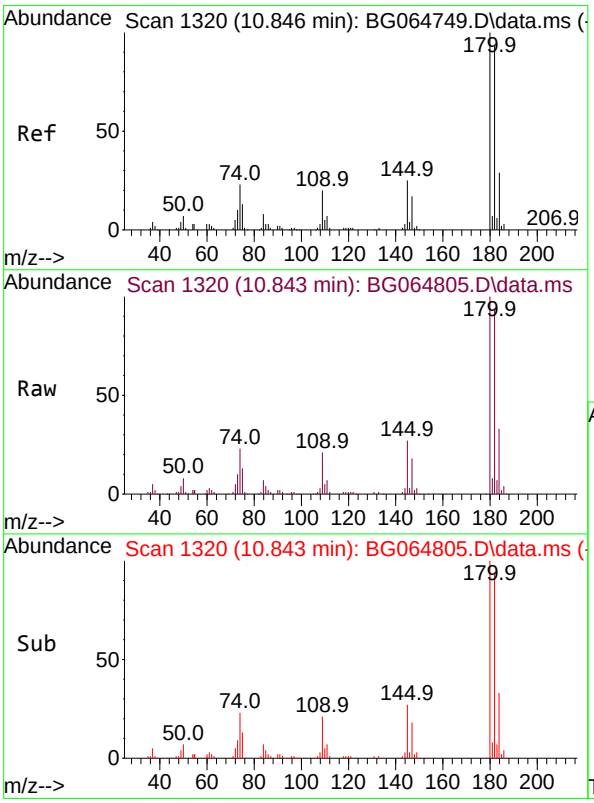
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.7 | 46.0 | 86.0 |
| 98 | 31.4 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

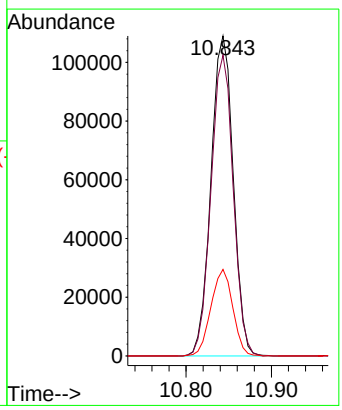
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

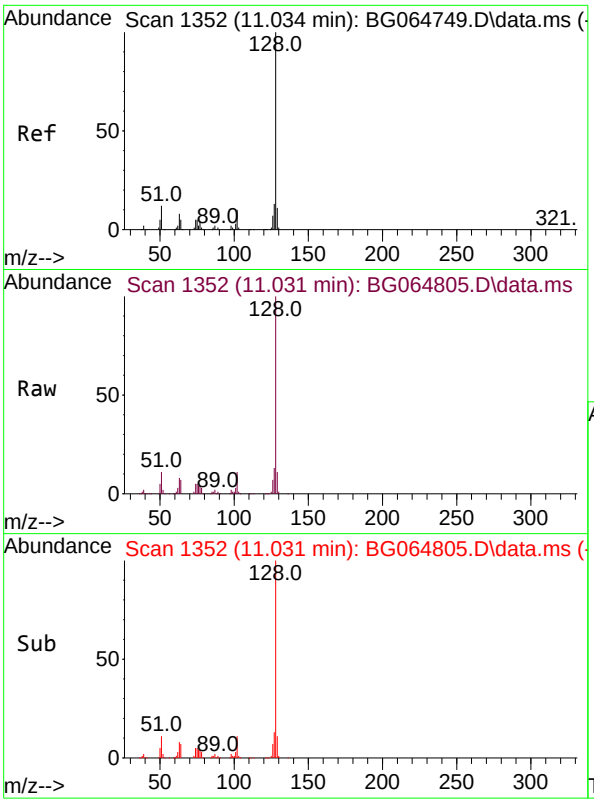



#30
1,2,4-Trichlorobenzene
Concen: 47.783 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:180 Resp: 197518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.9 | 74.2 | 111.4 |
| 145 | 27.0 | 20.0 | 30.0 |

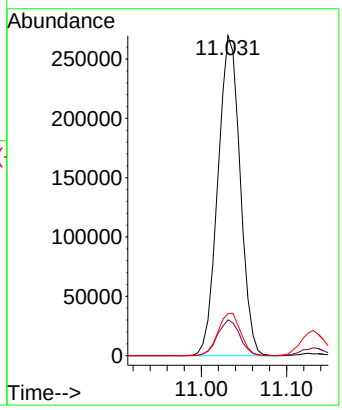





#31
Naphthalene
Concen: 44.050 ng
RT: 11.031 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:128 Resp: 48755

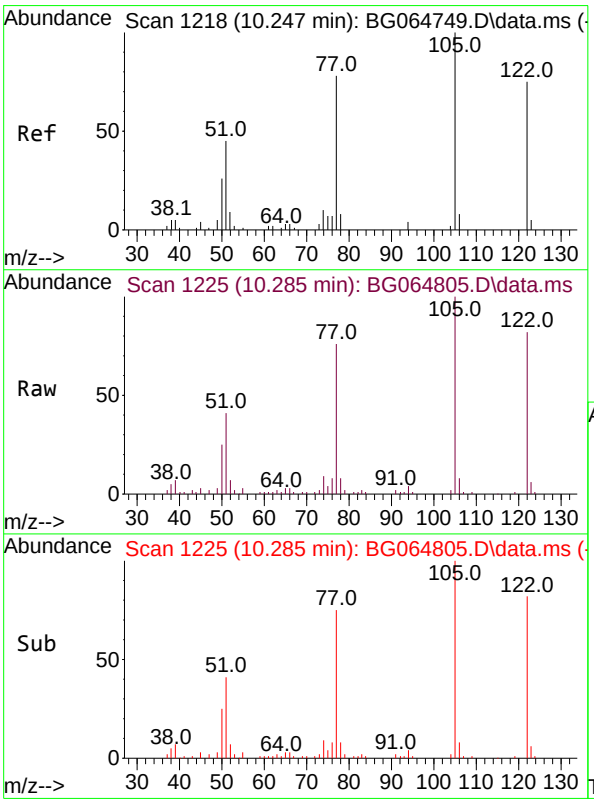
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.6 | 12.8 |
| 127 | 13.1 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

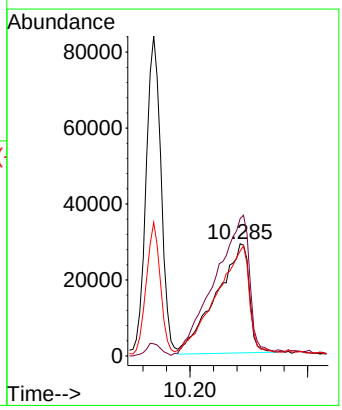
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

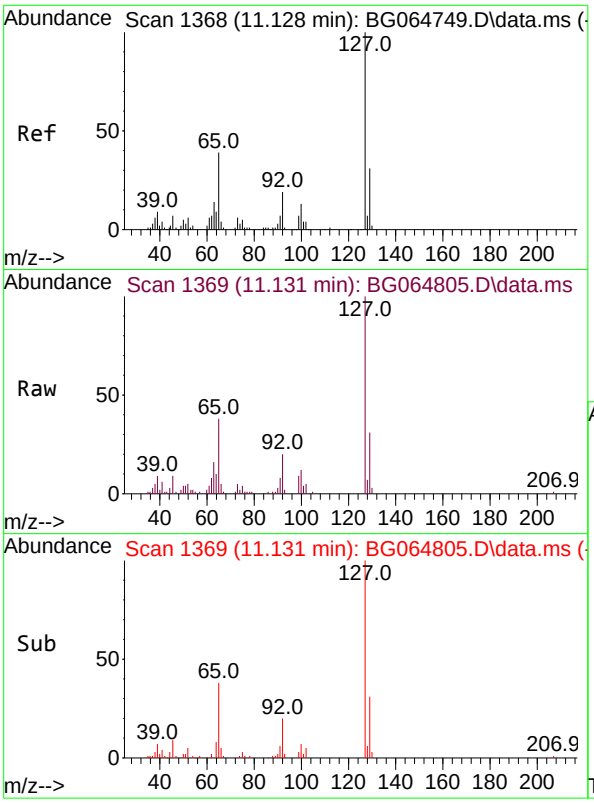



#32
Benzoic acid
Concen: 49.693 ng
RT: 10.285 min Scan# 1225
Delta R.T. 0.038 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:122 Resp: 112360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.5 | 107.6 | 147.6 |
| 77 | 93.4 | 82.5 | 122.5 |

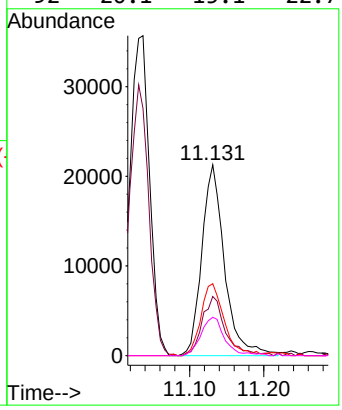





#33
4-Chloroaniline
Concen: 10.206 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:127 Resp: 4518

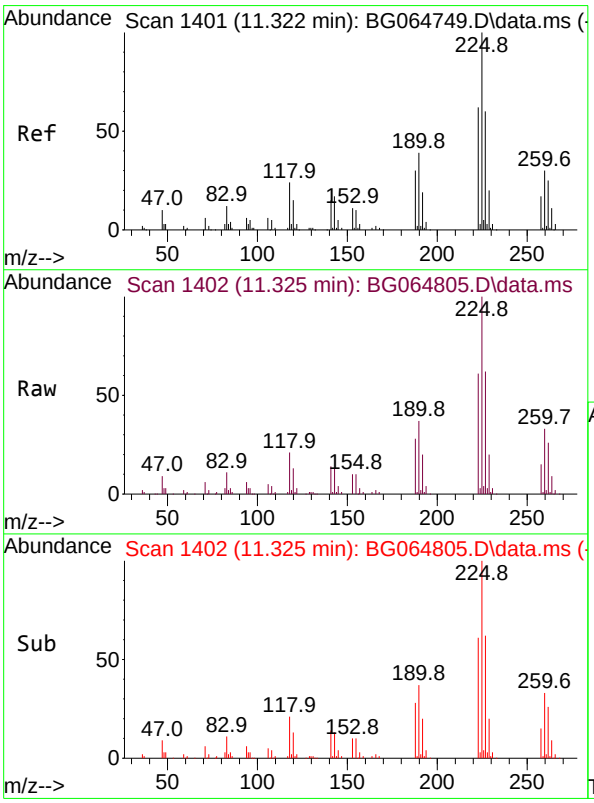
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.0 | 24.9 | 37.3 |
| 65 | 37.7 | 30.9 | 46.3 |
| 92 | 20.1 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

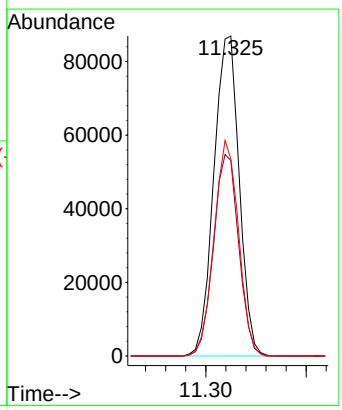
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

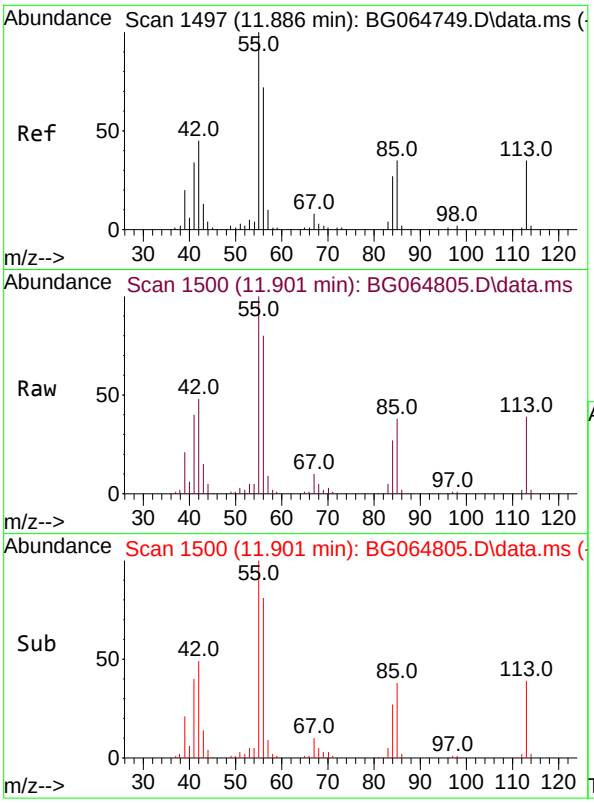



#34
Hexachlorobutadiene
Concen: 43.025 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:225 Resp: 152598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.1 | 49.9 | 74.9 |
| 227 | 61.5 | 50.6 | 75.8 |

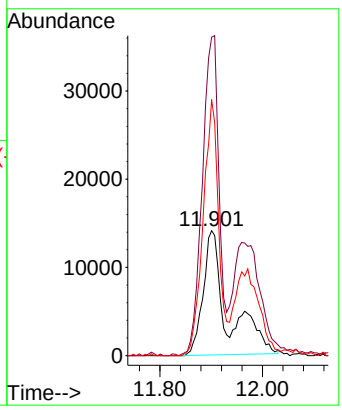





#35
Caprolactam
Concen: 45.085 ng m
RT: 11.901 min Scan# 1
Delta R.T. 0.014 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:113 Resp: 4616

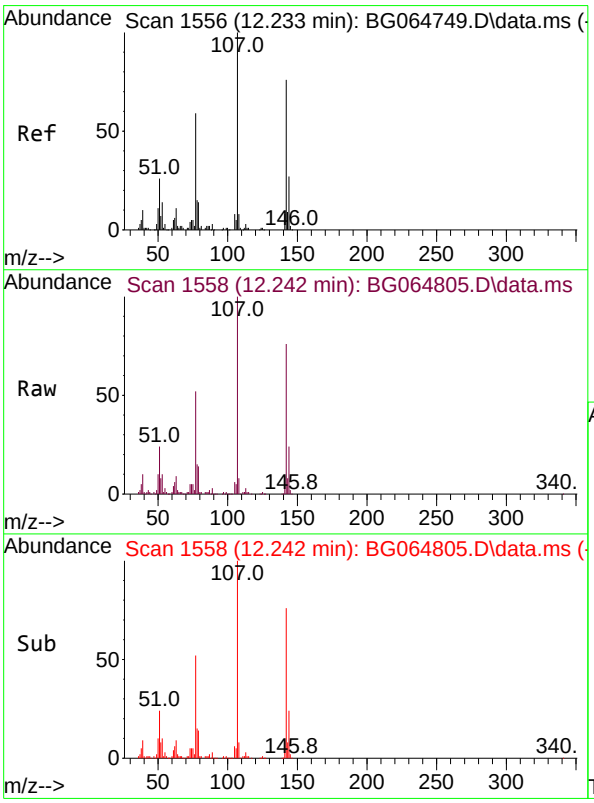
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 255.1 | 263.7 | 303.7# |
| 56 | 205.1 | 184.0 | 224.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

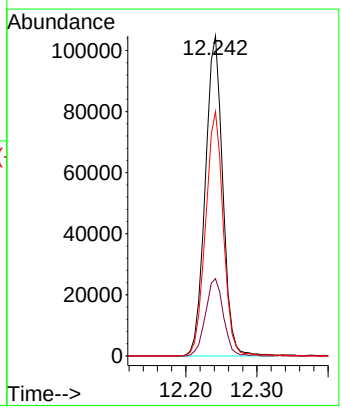
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

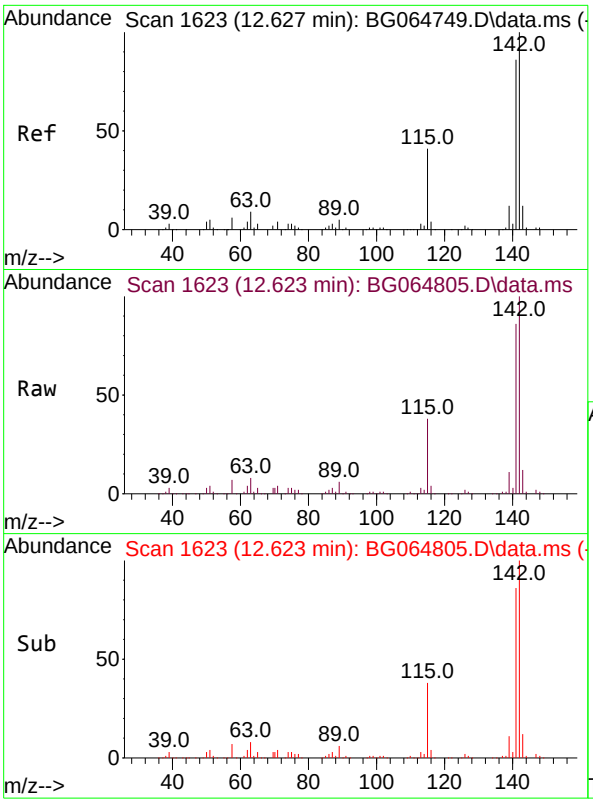



#36
4-Chloro-3-methylphenol
Concen: 46.967 ng
RT: 12.242 min Scan# 1558
Delta R.T. 0.008 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:107 Resp: 178954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.1 | 21.7 | 32.5 |
| 142 | 76.3 | 60.8 | 91.2 |

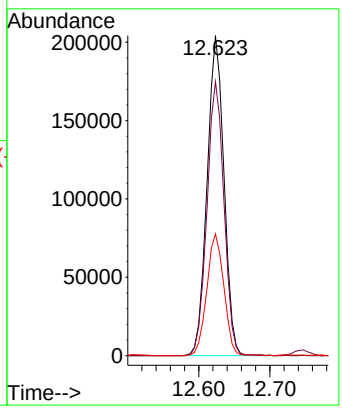





#37
2-Methylnaphthalene
Concen: 40.640 ng
RT: 12.623 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:142 Resp: 33661

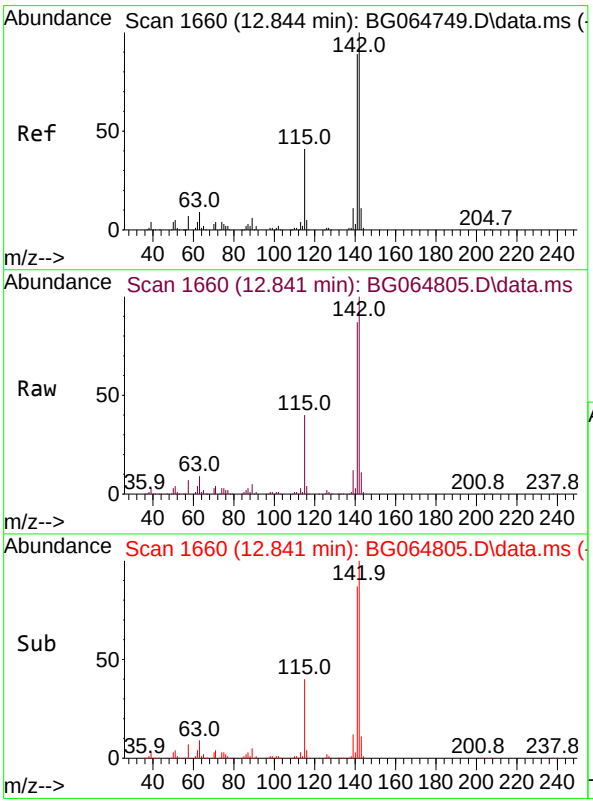
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.6 | 69.1 | 103.7 |
| 115 | 38.0 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

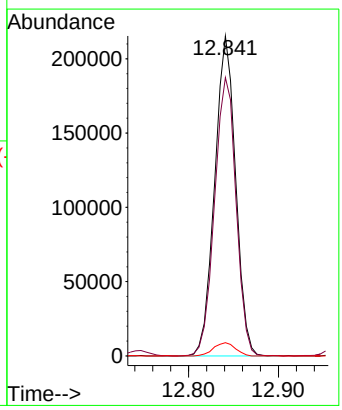
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

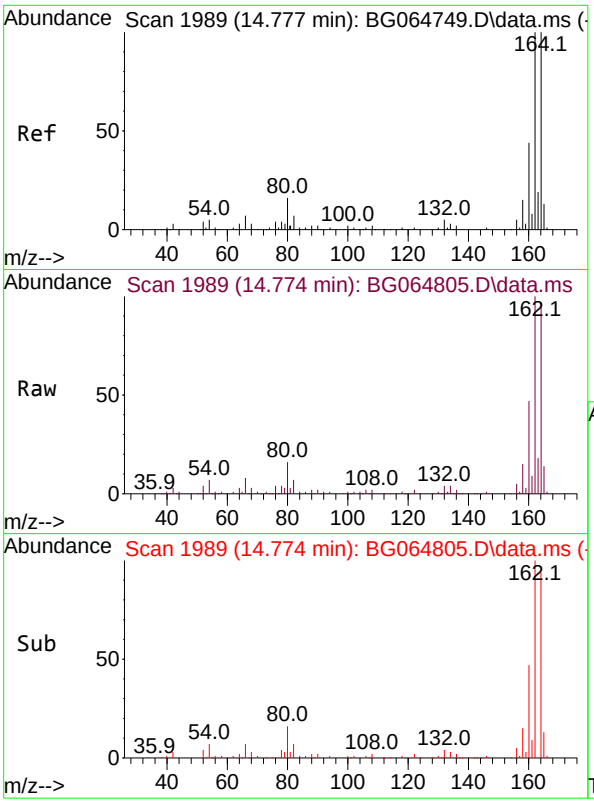



#38
1-Methylnaphthalene
Concen: 42.510 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:142 Resp: 349765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.0 | 70.8 | 106.2 |
| 116 | 4.1 | 3.7 | 5.5 |

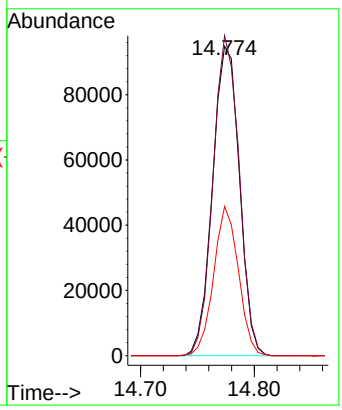





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:164 Resp: 15587

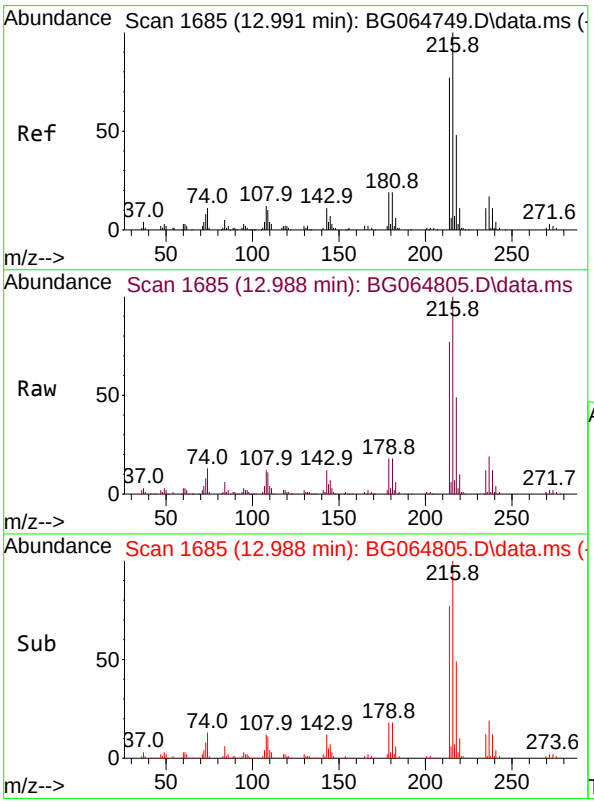
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.4 | 79.8 | 119.6 |
| 160 | 48.2 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

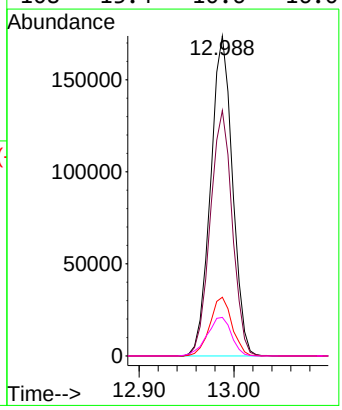
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

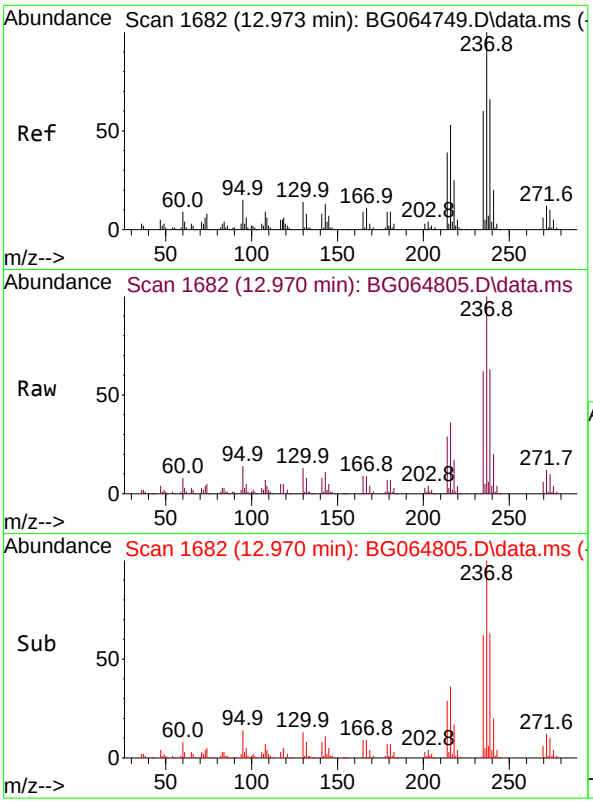



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.979 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:216 Resp: 278911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.0 | 60.5 | 90.7 |
| 179 | 18.4 | 14.7 | 22.1 |
| 108 | 13.4 | 10.6 | 16.0 |

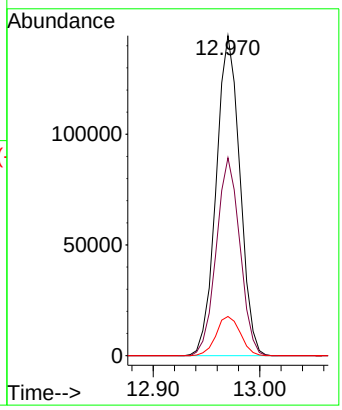





#41
Hexachlorocyclopentadiene
Concen: 51.450 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:237 Resp: 223701

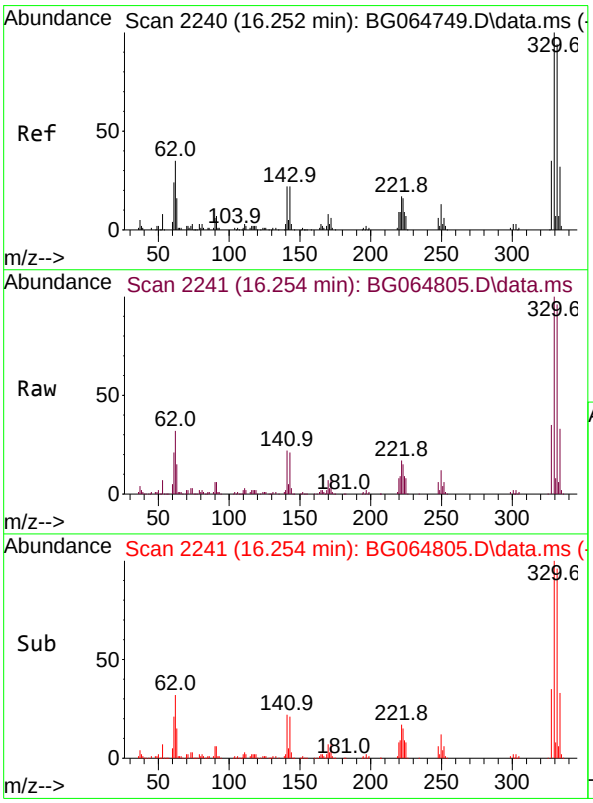
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.8 | 40.2 | 80.2 |
| 272 | 12.2 | 0.0 | 31.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

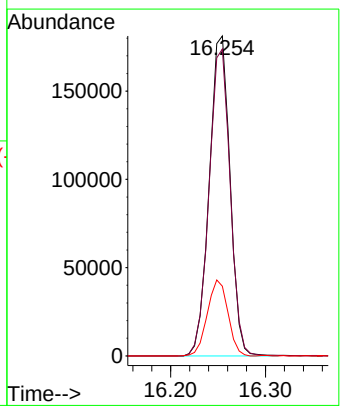
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

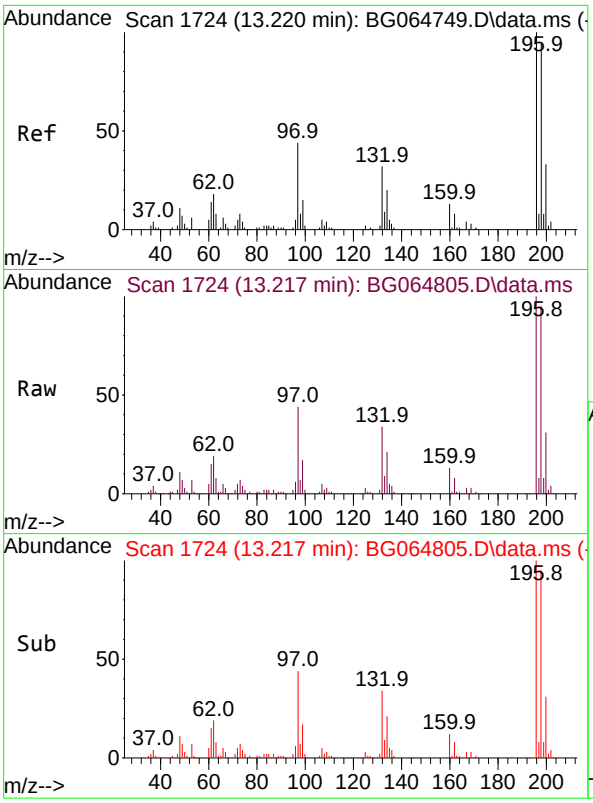



#42
2,4,6-Tribromophenol
Concen: 90.768 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:330 Resp: 275931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.0 | 115.6 |
| 141 | 23.5 | 18.2 | 27.2 |

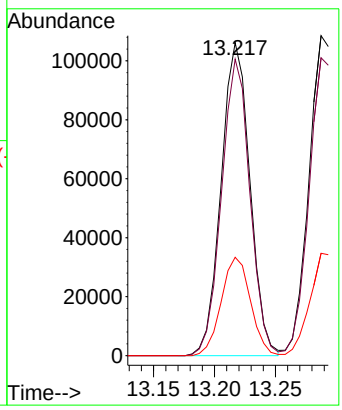





#43
2,4,6-Trichlorophenol
Concen: 48.965 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:196 Resp: 17432

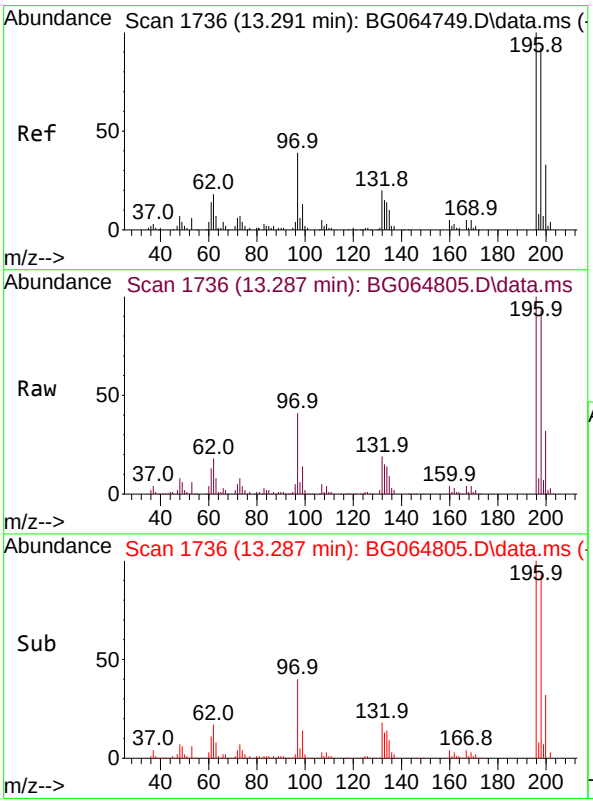
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 75.3 | 112.9 |
| 200 | 31.4 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

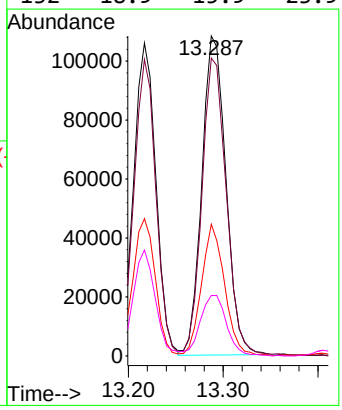
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

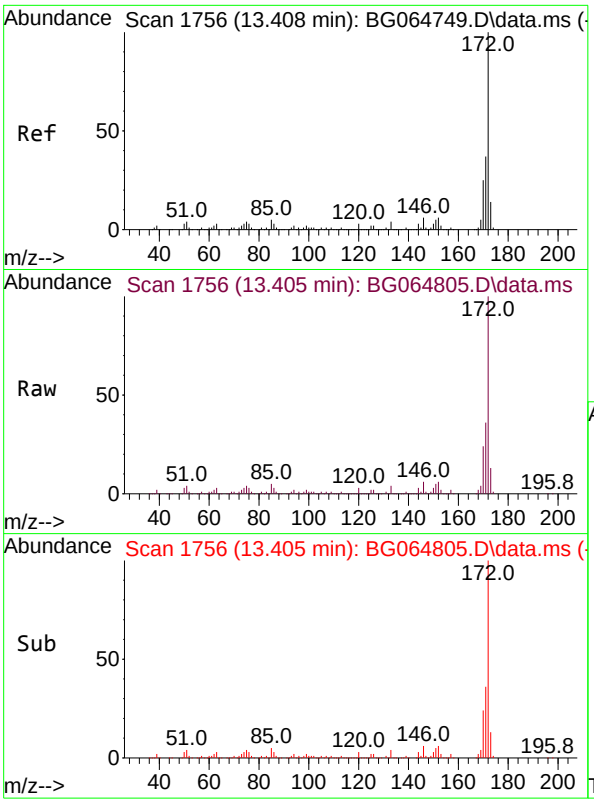



#44
2,4,5-Trichlorophenol
Concen: 47.907 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:196 Resp: 191296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.1 | 73.2 | 109.8 |
| 97 | 41.1 | 31.4 | 47.0 |
| 132 | 18.9 | 15.9 | 23.9 |

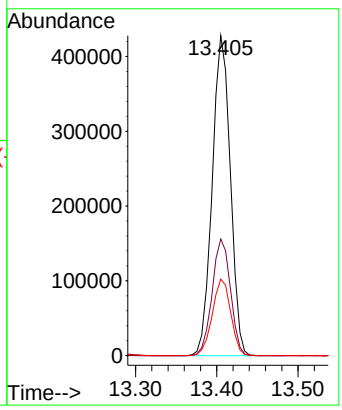





#45
2-Fluorobiphenyl
Concen: 59.279 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:172 Resp: 66219

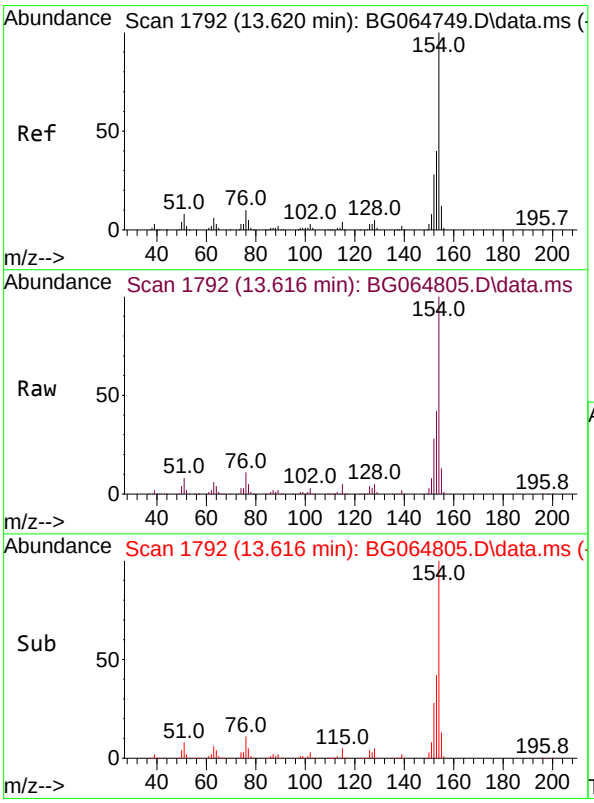
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 29.9 | 44.9 |
| 170 | 23.9 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

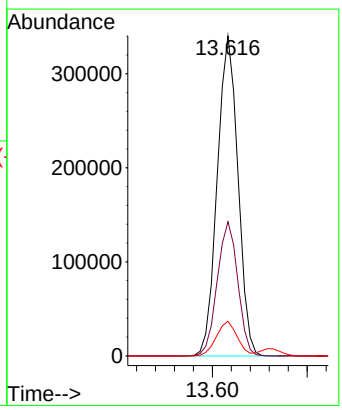
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

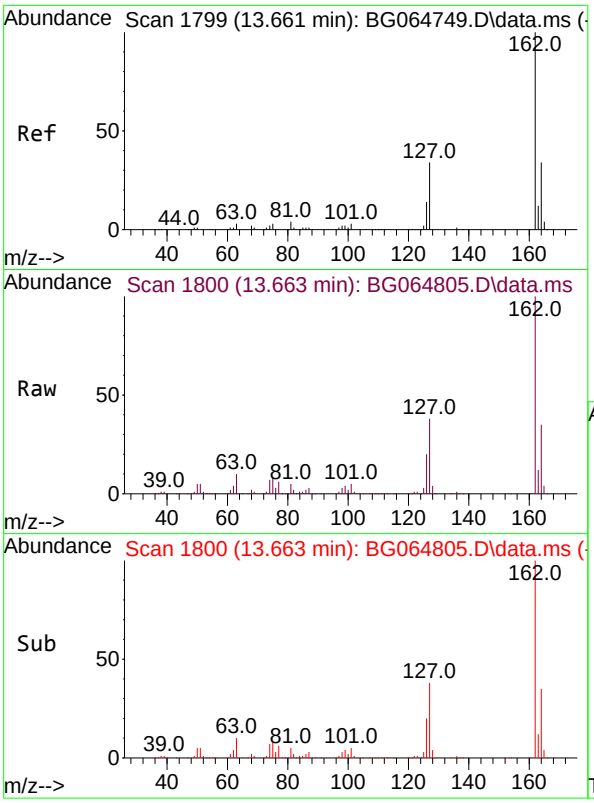



#46
1,1'-Biphenyl
Concen: 46.006 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:154 Resp: 515038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.9 | 19.8 | 59.8 |
| 76 | 10.8 | 0.0 | 30.0 |

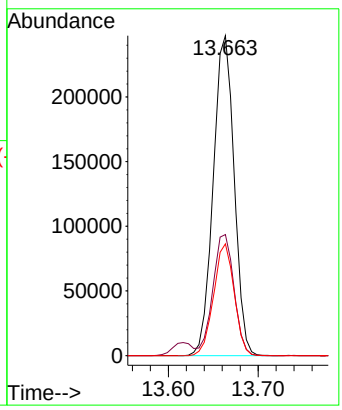





#47
2-Chloronaphthalene
Concen: 45.521 ng
RT: 13.663 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:162 Resp: 401490

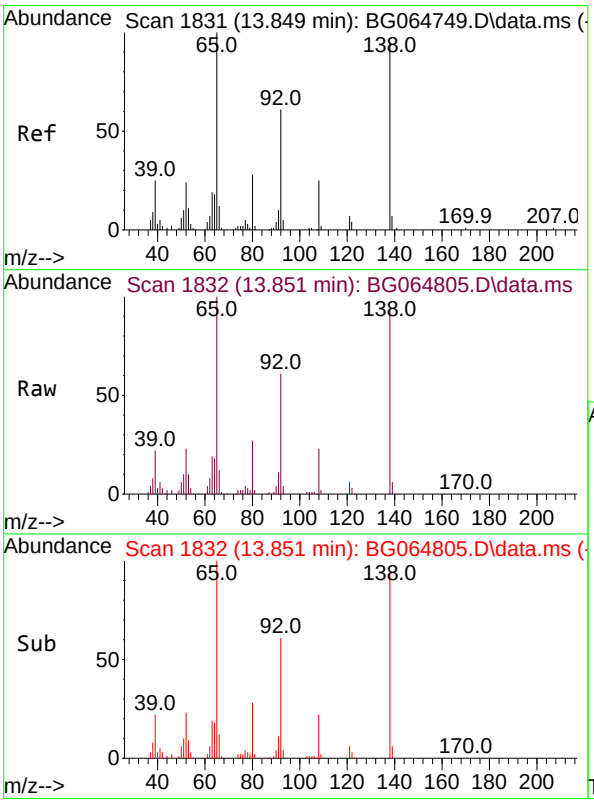
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.8 | 30.3 | 45.5 |
| 164 | 34.9 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

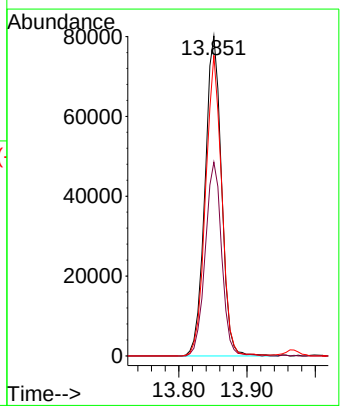
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

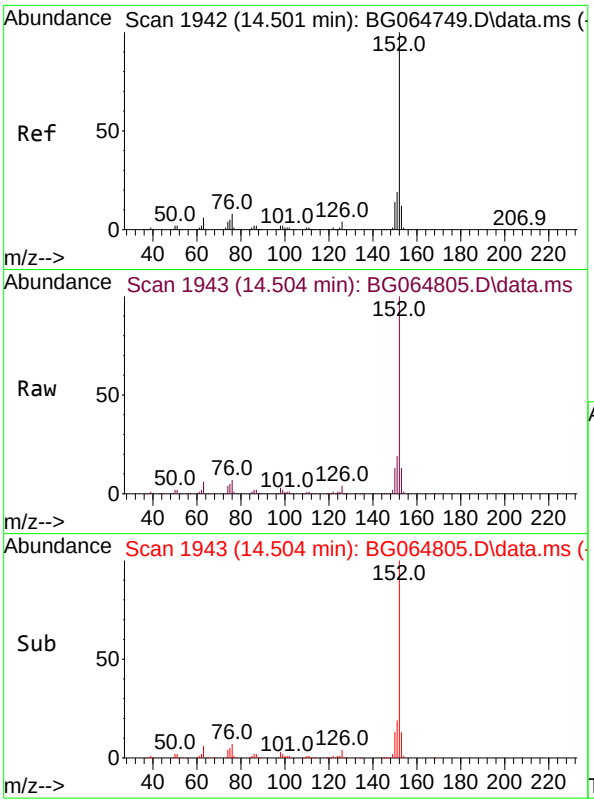



#48
2-Nitroaniline
Concen: 47.464 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 65 Resp: 134647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 60.5 | 48.6 | 73.0 |
| 138 | 93.9 | 76.4 | 114.6 |

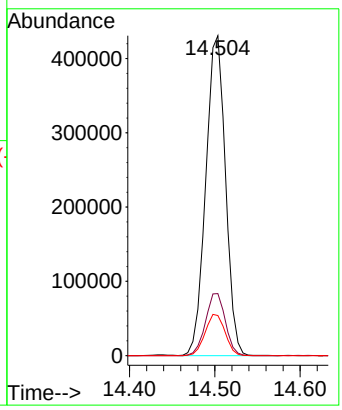





#49
Acenaphthylene
Concen: 45.912 ng
RT: 14.504 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:152 Resp: 69180

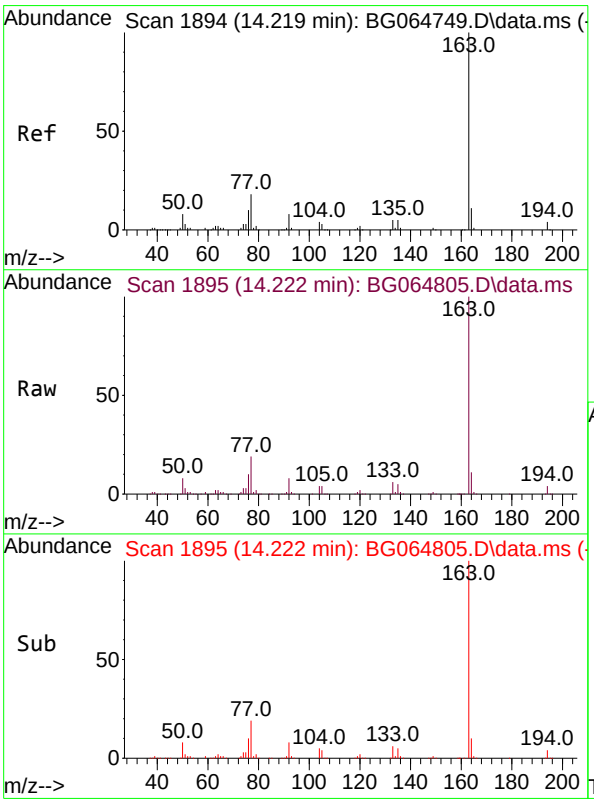
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 15.0 | 22.4 |
| 153 | 12.5 | 9.9 | 14.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

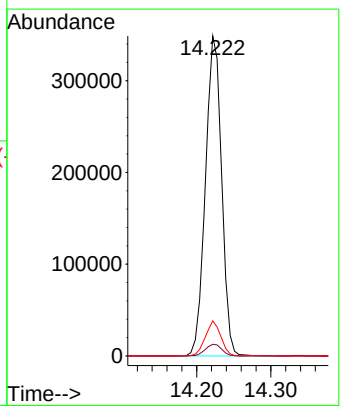
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

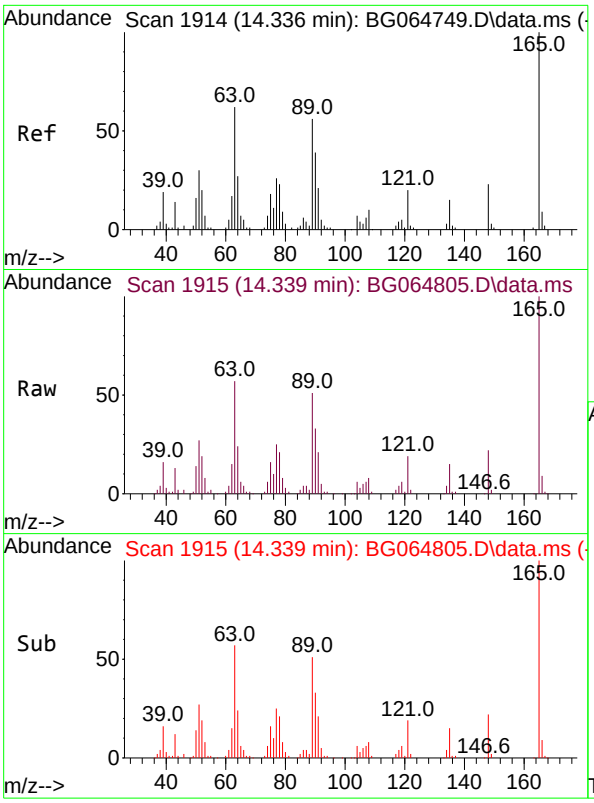



#50
Dimethylphthalate
Concen: 42.838 ng
RT: 14.222 min Scan# 1895
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:163 Resp: 527447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.1 | 4.7 |
| 164 | 10.9 | 8.6 | 12.8 |

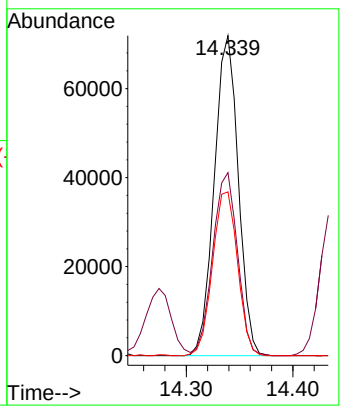





#51
2,6-Dinitrotoluene
Concen: 47.507 ng
RT: 14.339 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:165 Resp: 11255

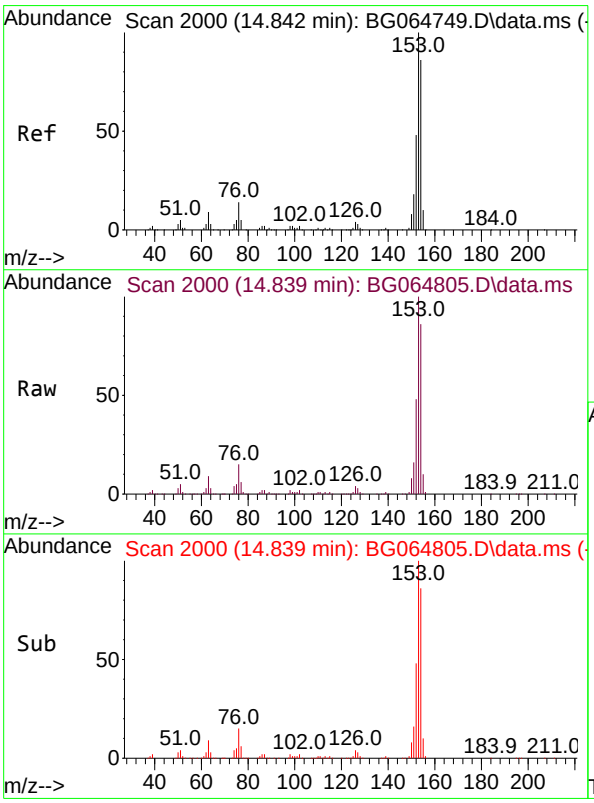
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.2 | 49.8 | 74.8 |
| 89 | 51.2 | 45.0 | 67.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

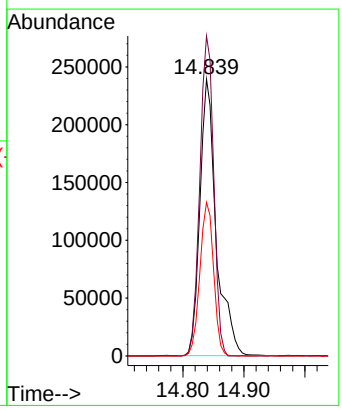
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

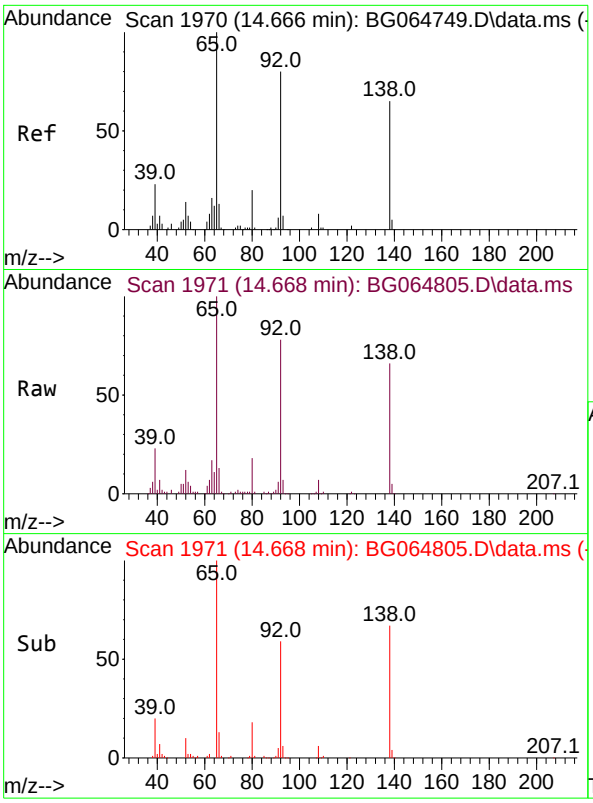



#52
Acenaphthene
Concen: 49.313 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:154 Resp: 445517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.7 | 93.0 | 139.4 |
| 152 | 55.5 | 44.4 | 66.6 |






#53
3-Nitroaniline
Concen: 28.336 ng
RT: 14.668 min Scan# 19
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

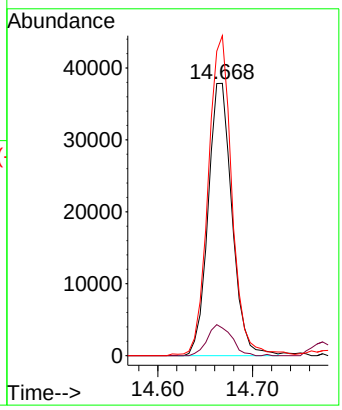
**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

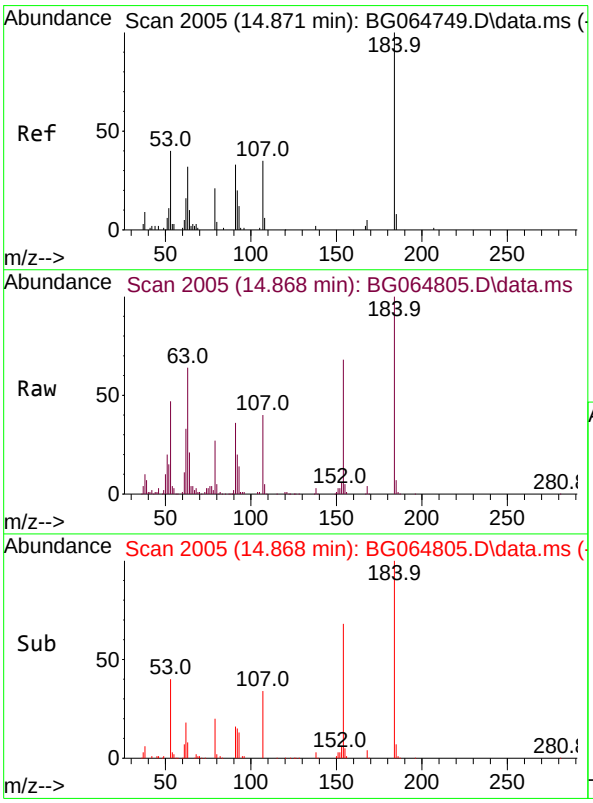
Tgt Ion:138 Resp: 6626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.1 | 9.5 | 14.3 |
| 92 | 117.6 | 99.0 | 148.4 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

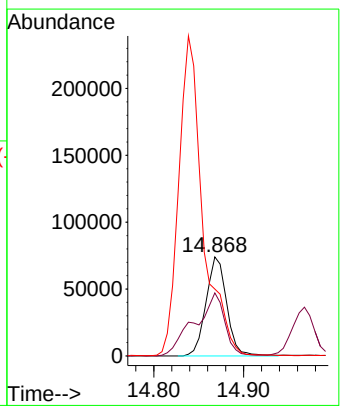


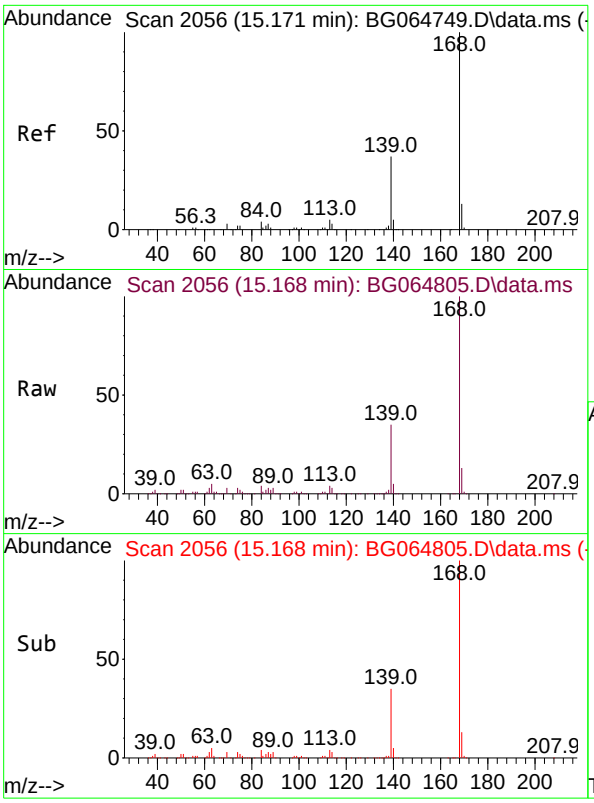




#54
2,4-Dinitrophenol
Concen: 73.554 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:184 Resp: 118117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 63.7 | 45.8 | 68.6 |
| 154 | 67.6 | 52.6 | 78.8 |

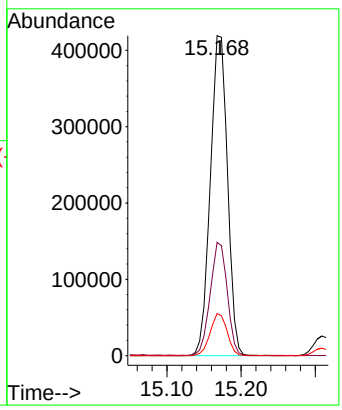





#55
Dibenzofuran
Concen: 45.064 ng
RT: 15.168 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:168 Resp: 673078

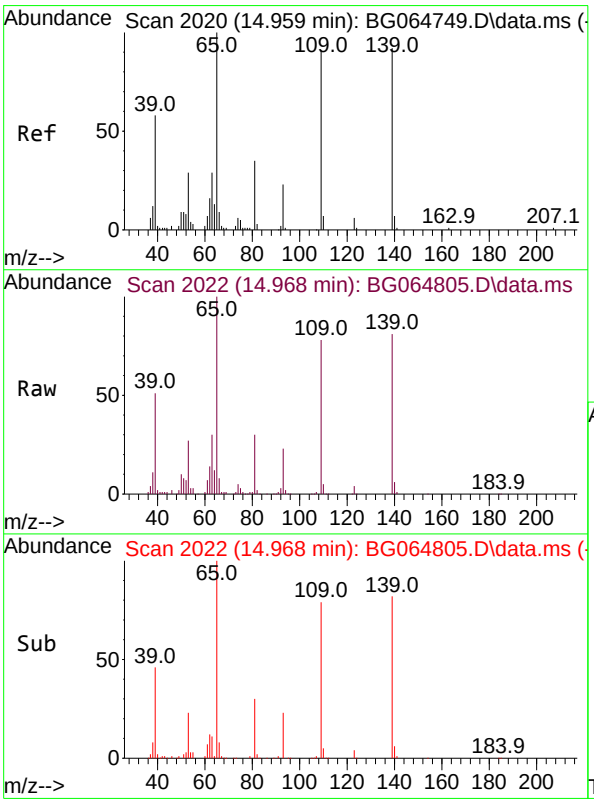
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.4 | 29.5 | 44.3 |
| 169 | 13.1 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

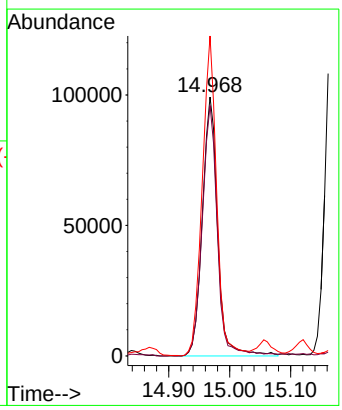
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

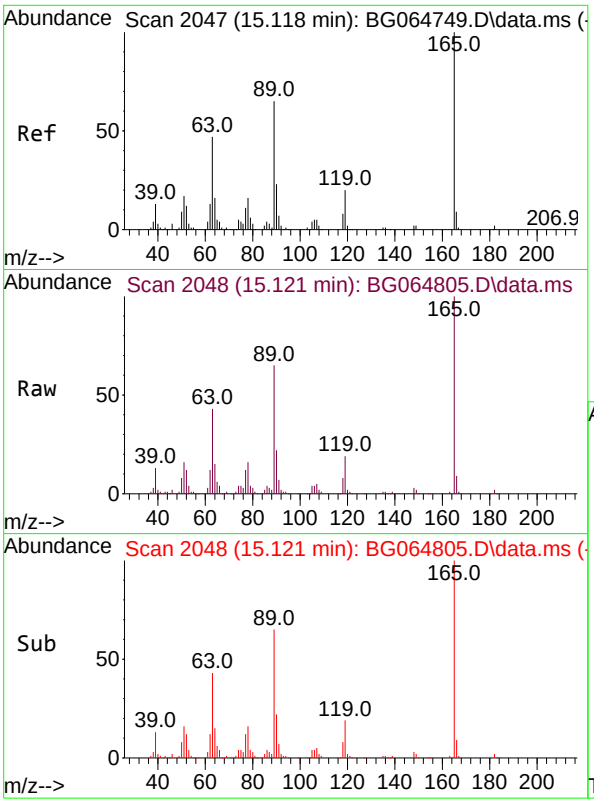



#56
4-Nitrophenol
Concen: 93.348 ng
RT: 14.968 min Scan# 2022
Delta R.T. 0.008 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:139 Resp: 173189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 96.8 | 79.7 | 119.7 |
| 65 | 123.6 | 89.9 | 129.9 |

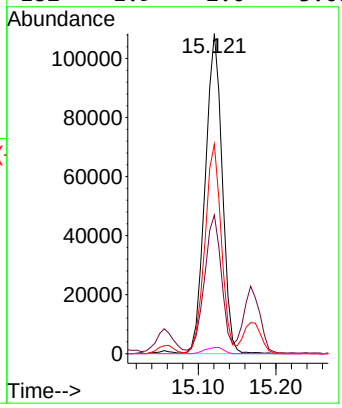





#57
2,4-Dinitrotoluene
Concen: 46.373 ng
RT: 15.121 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:165 Resp: 16471

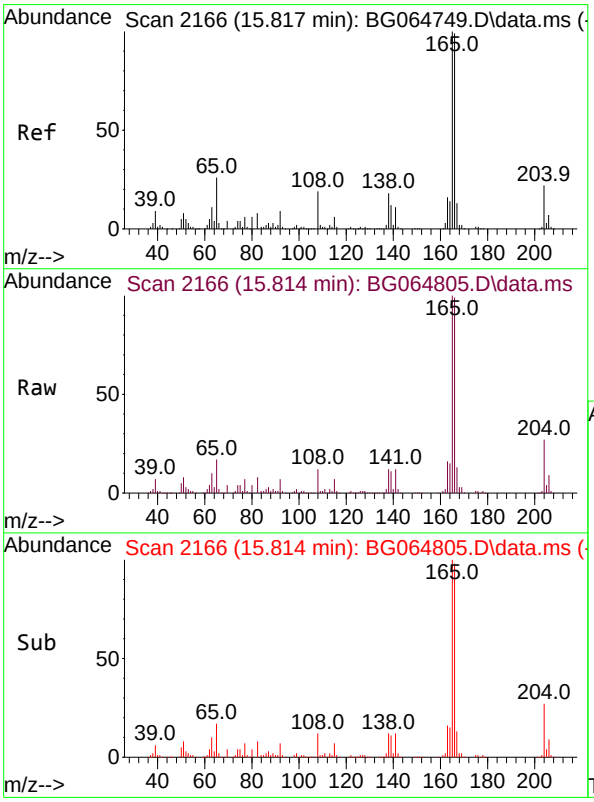
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.3 | 37.8 | 56.6 |
| 89 | 65.5 | 51.6 | 77.4 |
| 182 | 1.9 | 2.0 | 3.0# |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

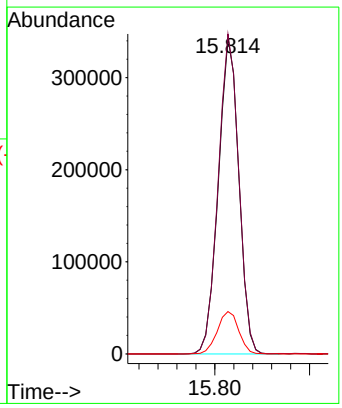
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

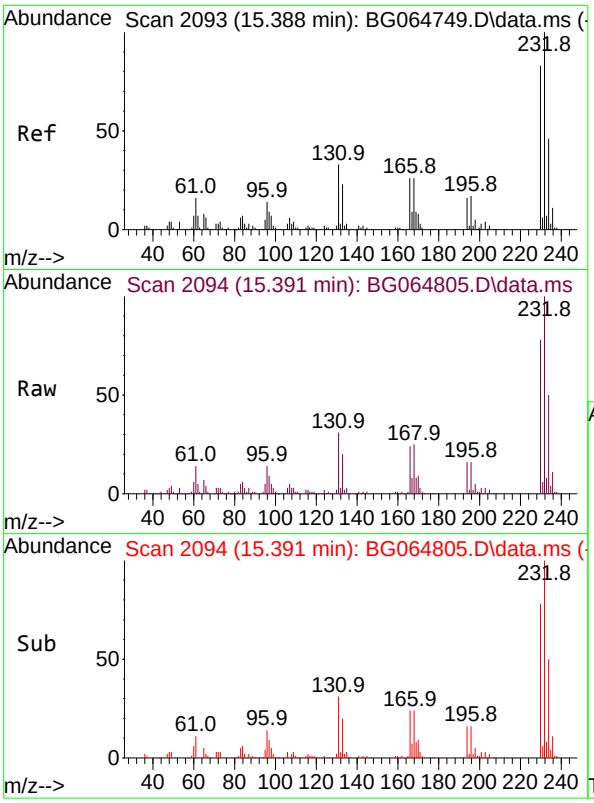



#58
Fluorene
Concen: 43.926 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:166 Resp: 514570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.3 | 80.5 | 120.7 |
| 167 | 13.4 | 10.3 | 15.5 |

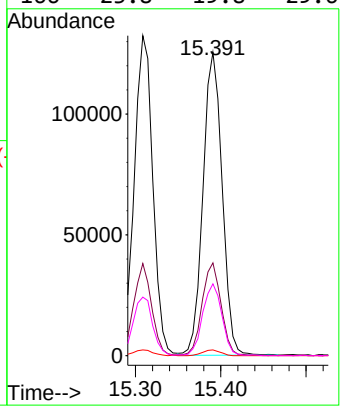





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.728 ng
RT: 15.391 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:232 Resp: 19591

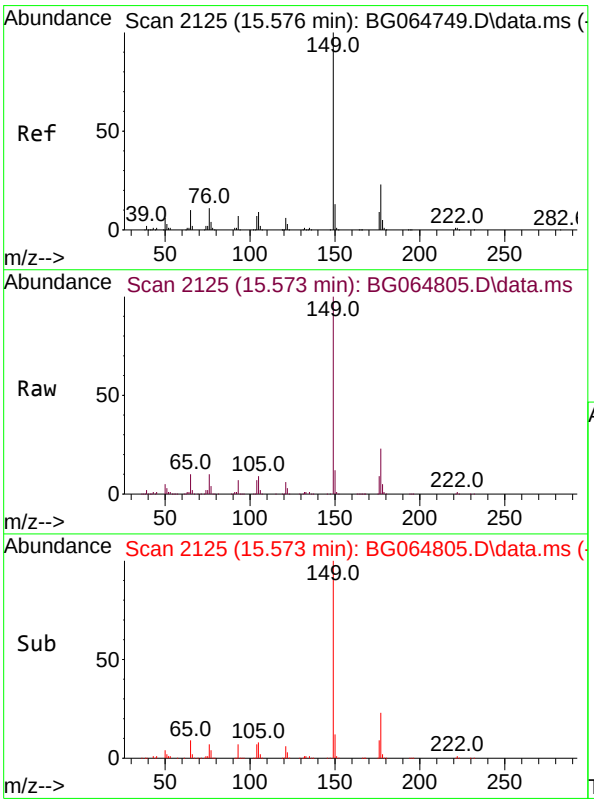
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 30.4 | 26.0 | 39.0 |
| 130 | 1.7 | 1.6 | 2.4 |
| 166 | 23.8 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

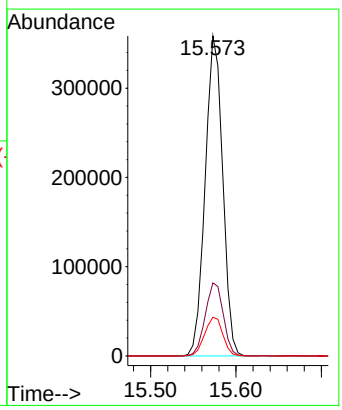
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

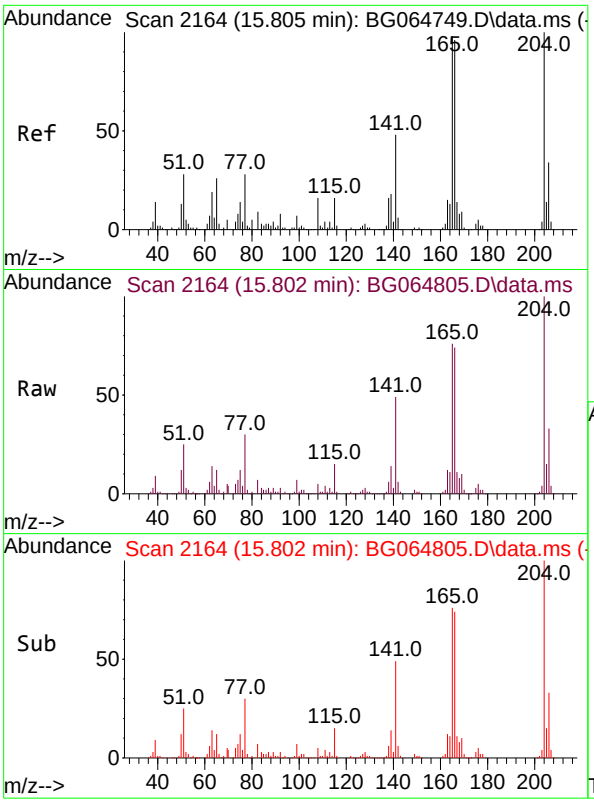



#60
Diethylphthalate
Concen: 43.332 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:149 Resp: 511099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 18.4 | 27.6 |
| 150 | 12.1 | 10.1 | 15.1 |

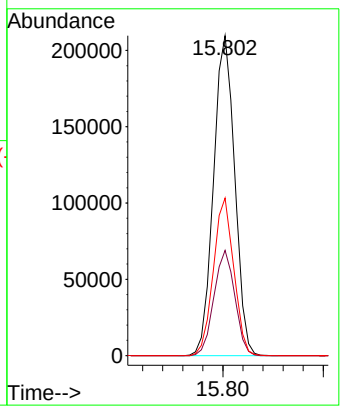





#61
4-Chlorophenyl-phenylether
Concen: 43.789 ng
RT: 15.802 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:204 Resp: 30785

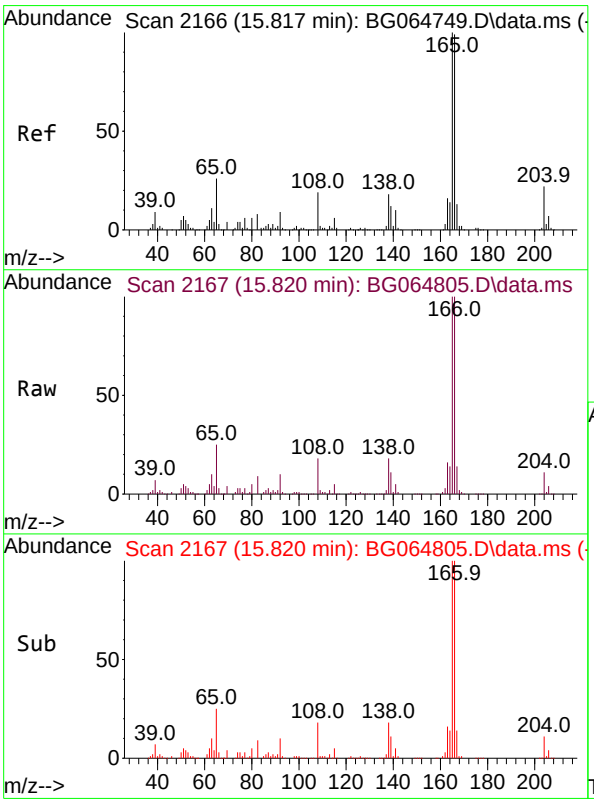
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.9 | 40.3 |
| 141 | 49.2 | 38.1 | 57.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

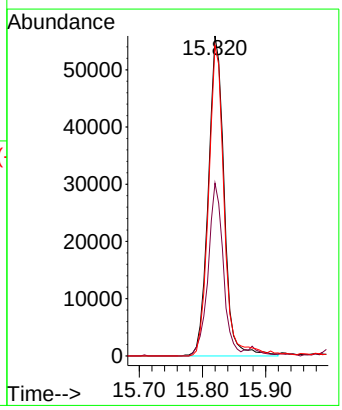
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

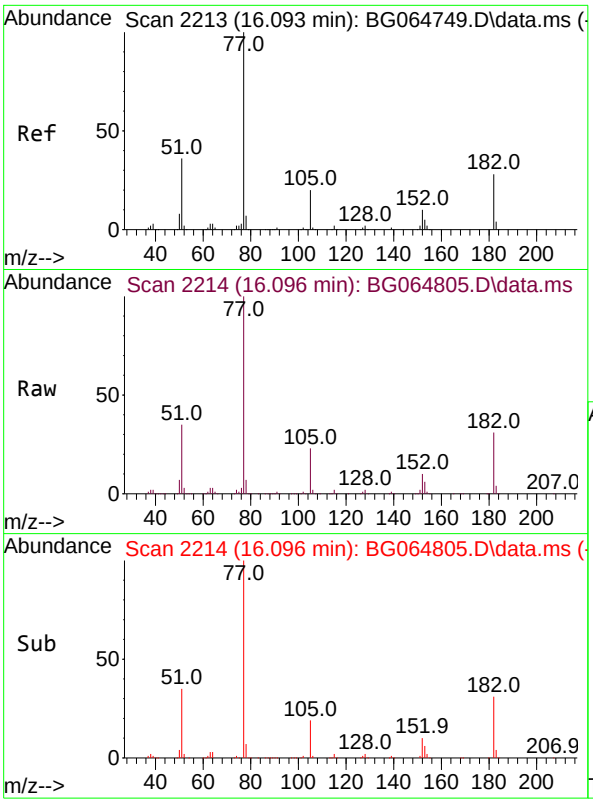



#62
4-Nitroaniline
Concen: 40.116 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:138 Resp: 97181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 54.0 | 30.7 | 70.7 |
| 108 | 97.0 | 85.7 | 125.7 |

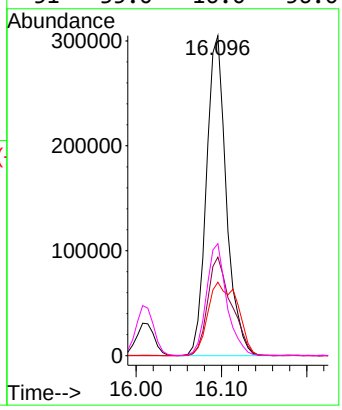





#63
Azobenzene
Concen: 50.467 ng
RT: 16.096 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 77 Resp: 49511

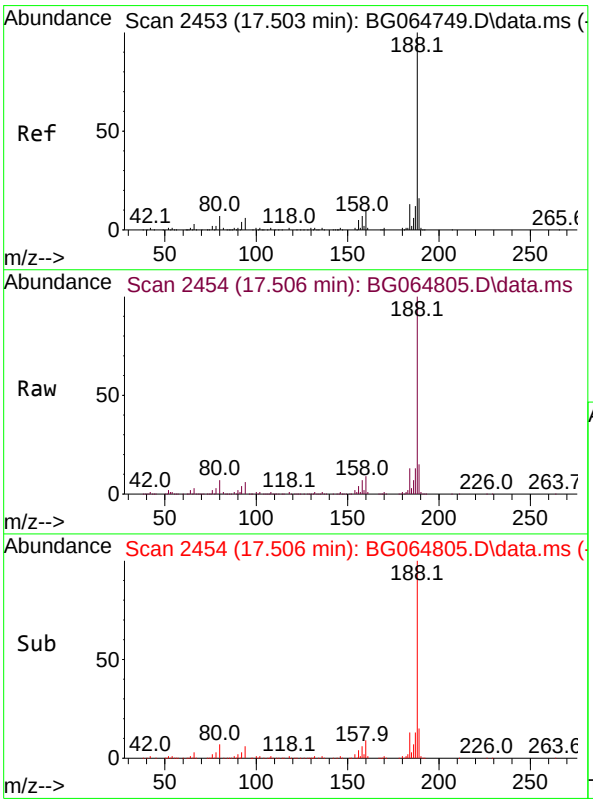
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.8 | 8.1 | 48.1 |
| 105 | 22.9 | 0.1 | 40.1 |
| 51 | 35.0 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

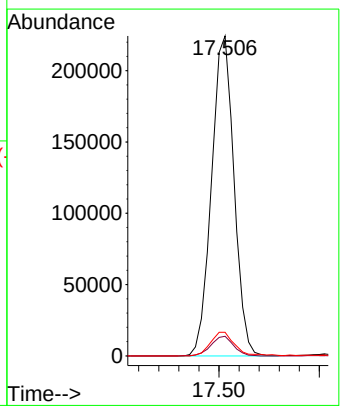
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

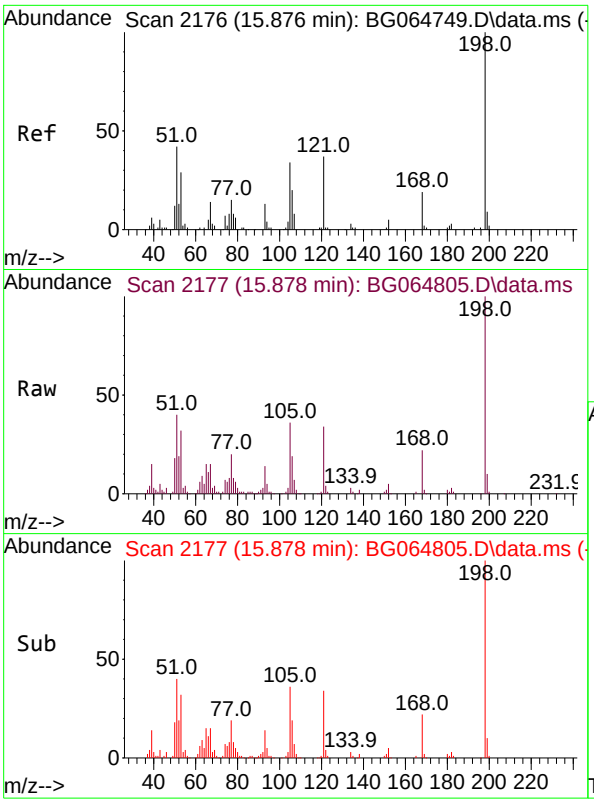



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:188 Resp: 348676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.1 | 4.7 | 7.1 |
| 80 | 7.4 | 5.4 | 8.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 45.688 ng
RT: 15.878 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

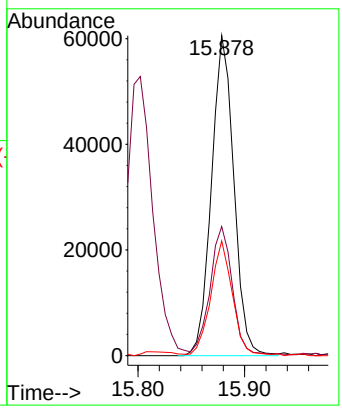
**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

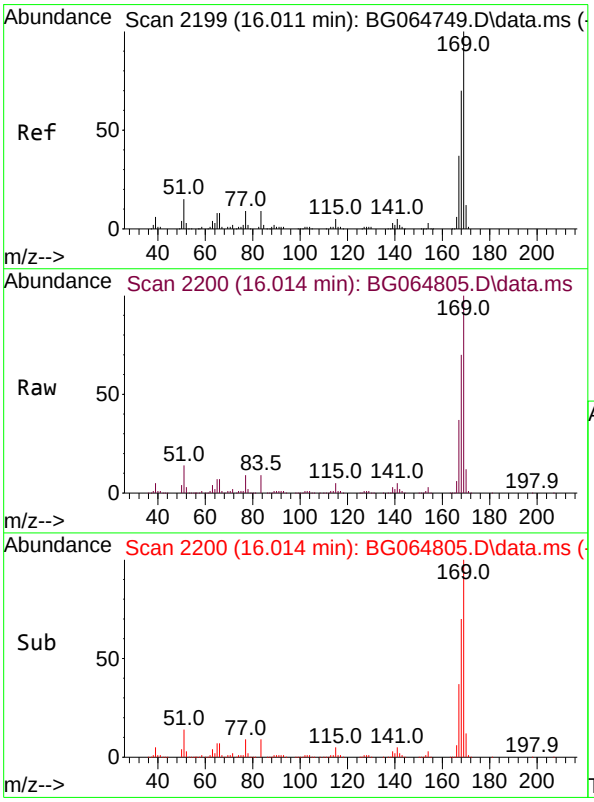
Tgt Ion:198 Resp: 8844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.3 | 25.2 | 65.2 |
| 105 | 35.8 | 14.2 | 54.2 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

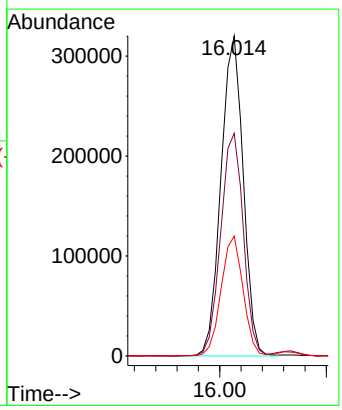


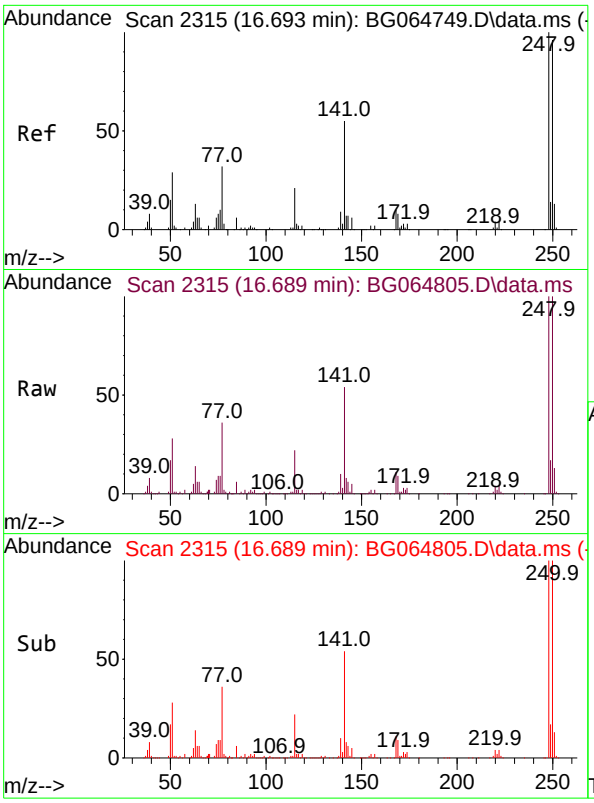




#66
n-Nitrosodiphenylamine
Concen: 50.797 ng
RT: 16.014 min Scan# 2200
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:169 Resp: 463930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.5 | 55.9 | 83.9 |
| 167 | 37.4 | 29.8 | 44.6 |

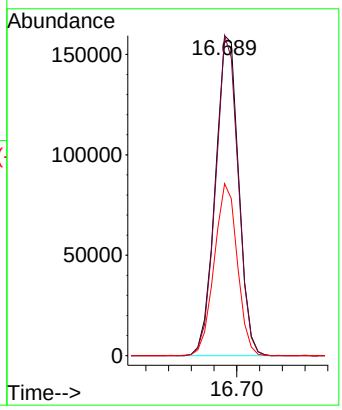





#67
4-Bromophenyl-phenylether
Concen: 49.466 ng
RT: 16.689 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:248 Resp: 22650

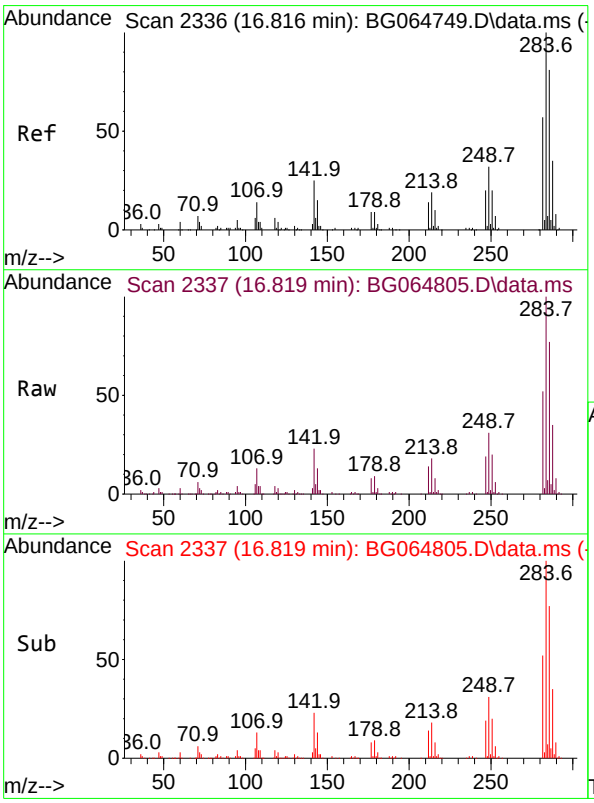
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.0 | 77.0 | 115.6 |
| 141 | 53.8 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

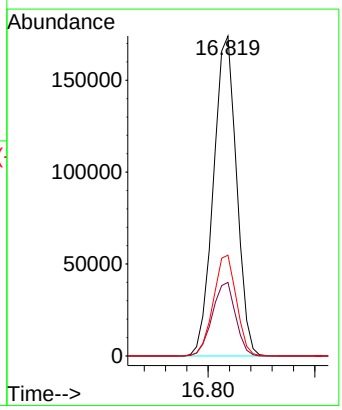
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

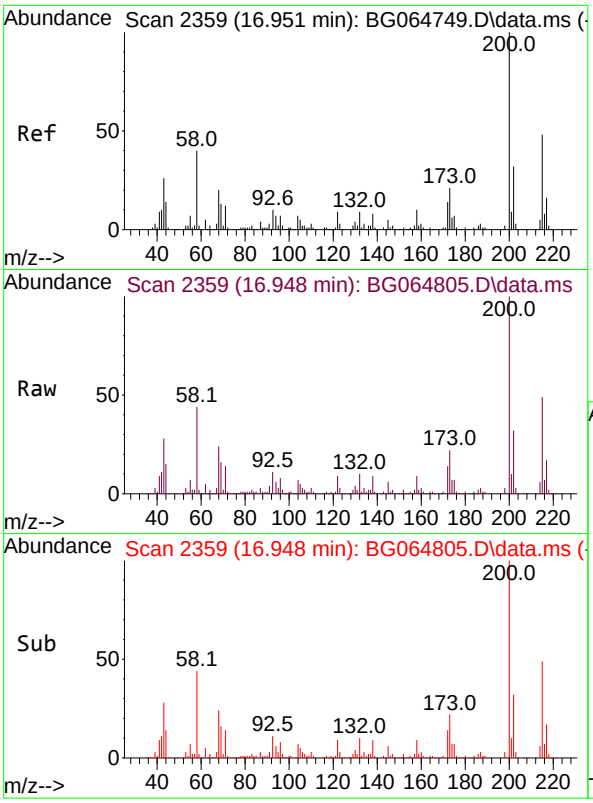



#68
Hexachlorobenzene
Concen: 47.369 ng
RT: 16.819 min Scan# 2337
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:284 Resp: 262785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.0 | 19.7 | 29.5 |
| 249 | 33.9 | 28.1 | 42.1 |

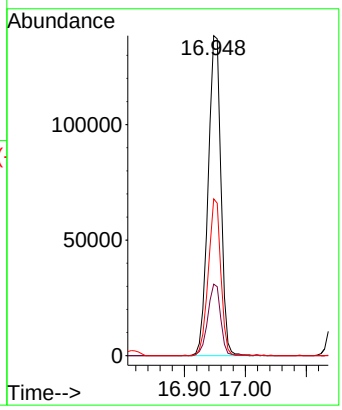





#69
Atrazine
Concen: 45.686 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:200 Resp: 20116

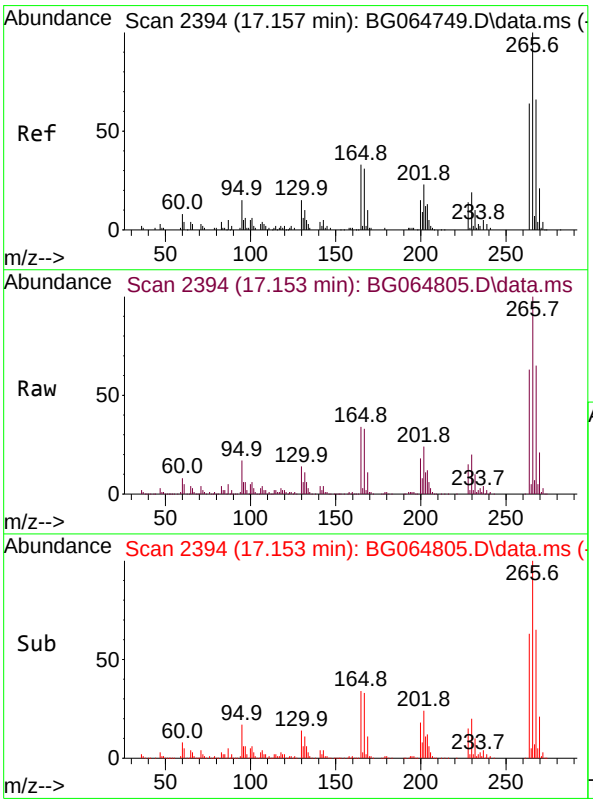
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.3 | 0.9 | 40.9 |
| 215 | 49.0 | 27.5 | 67.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

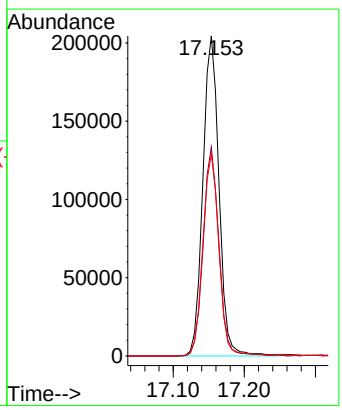
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

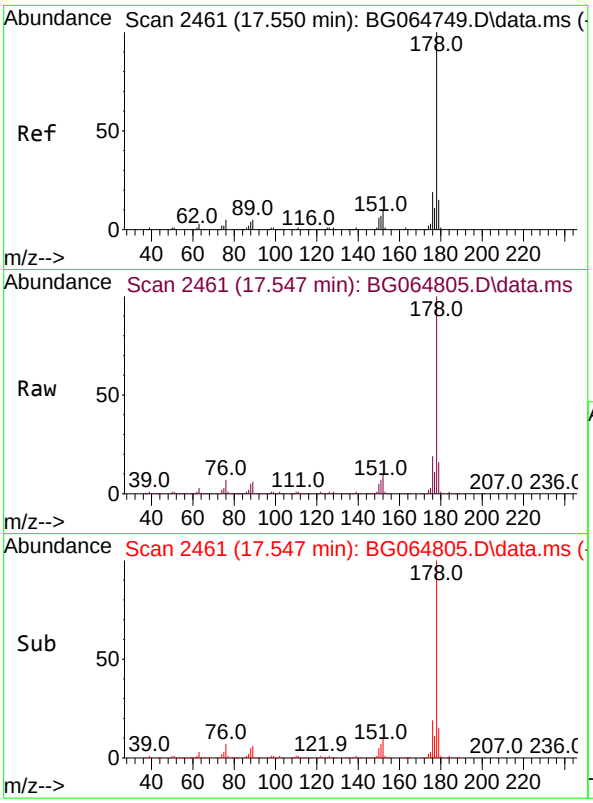



#70
Pentachlorophenol
Concen: 96.485 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:266 Resp: 321249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 70.1 | 56.1 | 84.1 |
| 264 | 63.1 | 51.2 | 76.8 |

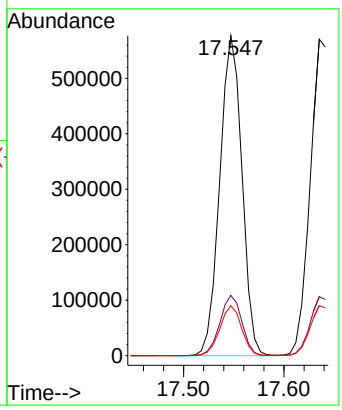





#71
Phenanthrene
Concen: 46.477 ng
RT: 17.547 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:178 Resp: 88666

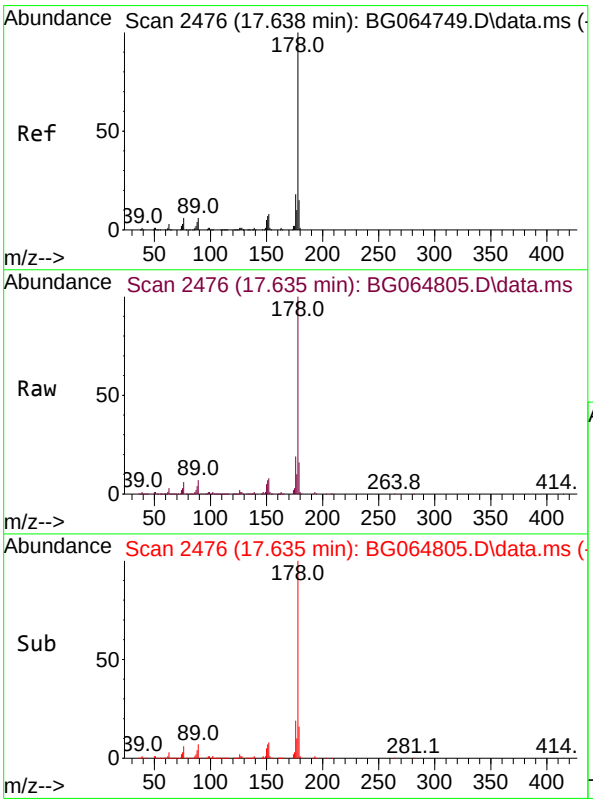
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.8 | 22.2 |
| 179 | 15.6 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

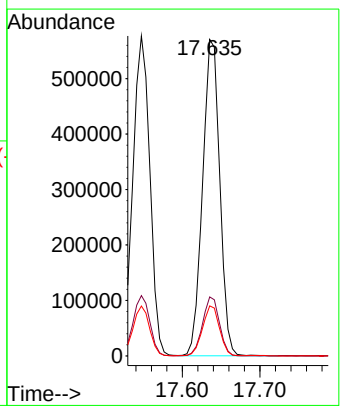
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

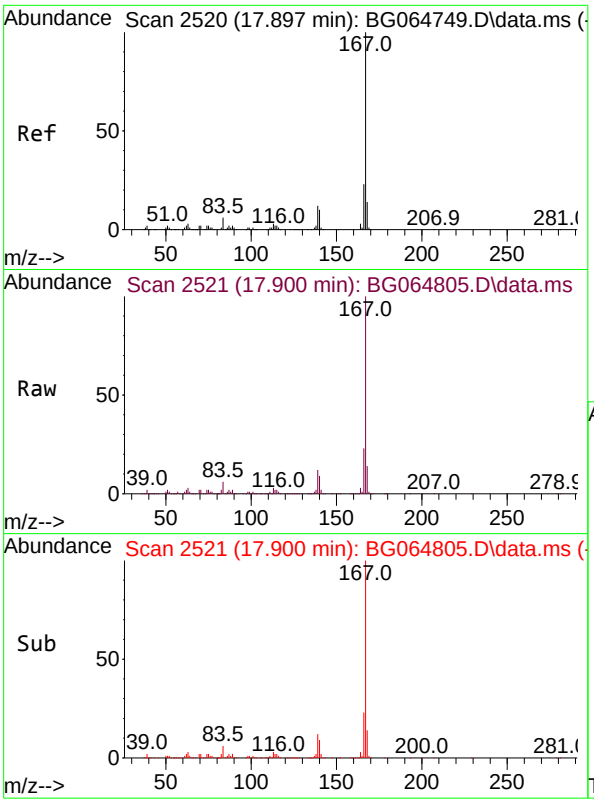



#72
Anthracene
Concen: 45.096 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:178 Resp: 877242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.5 | 21.7 |
| 179 | 15.8 | 12.2 | 18.4 |

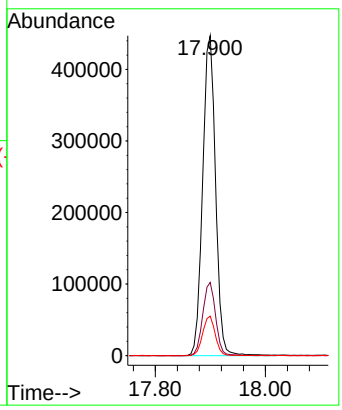





#73
Carbazole
Concen: 43.355 ng
RT: 17.900 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:167 Resp: 72500

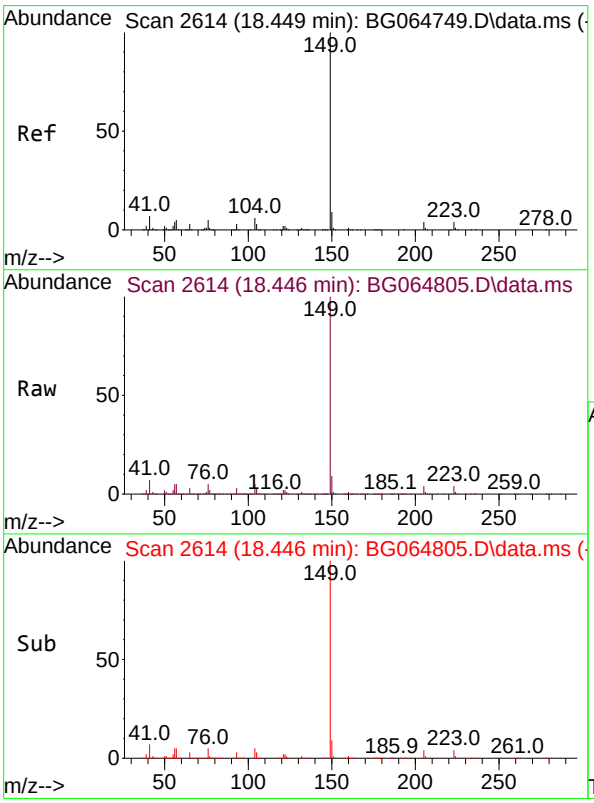
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.9 | 18.0 | 27.0 |
| 139 | 12.3 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

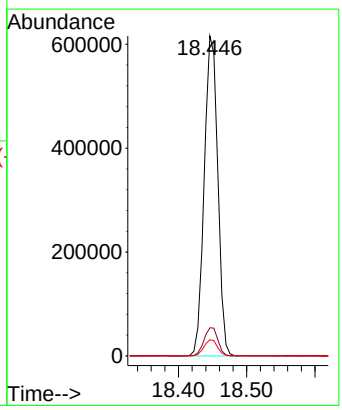
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

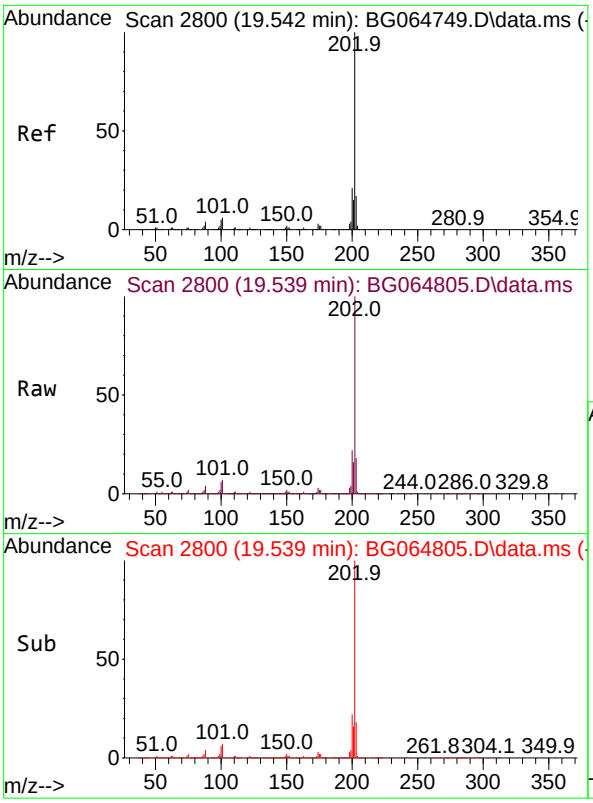



#74
Di-n-butylphthalate
Concen: 45.607 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:149 Resp: 850883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.8 | 7.5 | 11.3 |
| 104 | 5.0 | 4.4 | 6.6 |

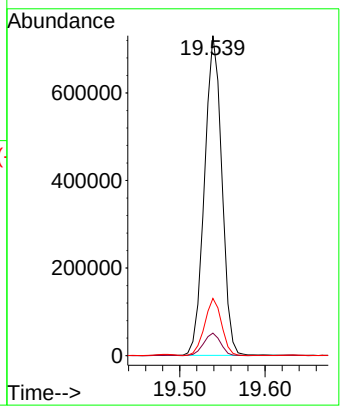





#75
Fluoranthene
Concen: 39.479 ng
RT: 19.539 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:202 Resp: 102990

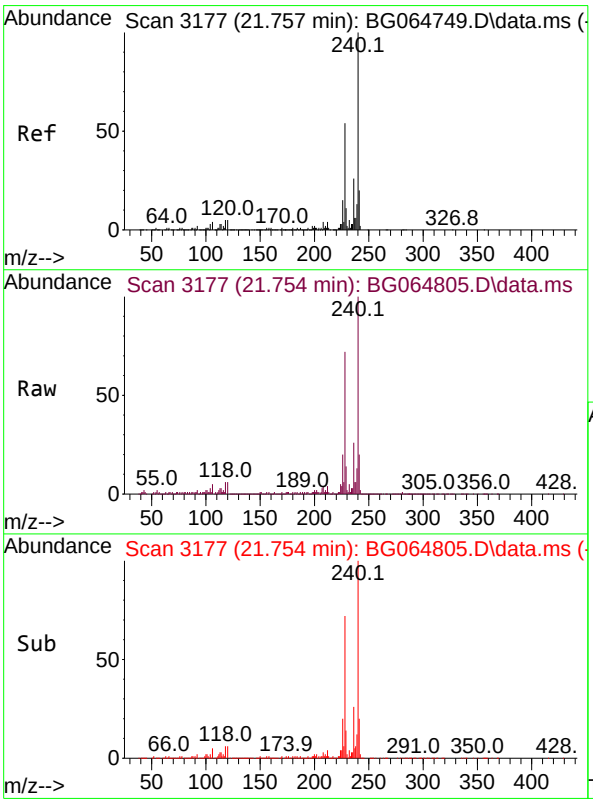
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.0 | 0.0 | 26.4 |
| 203 | 17.9 | 0.0 | 37.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

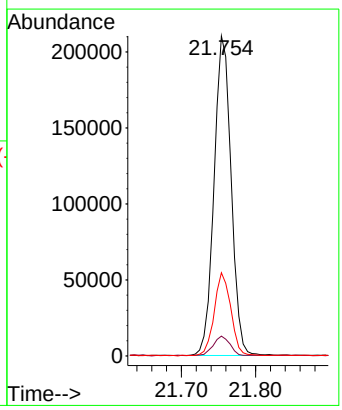
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

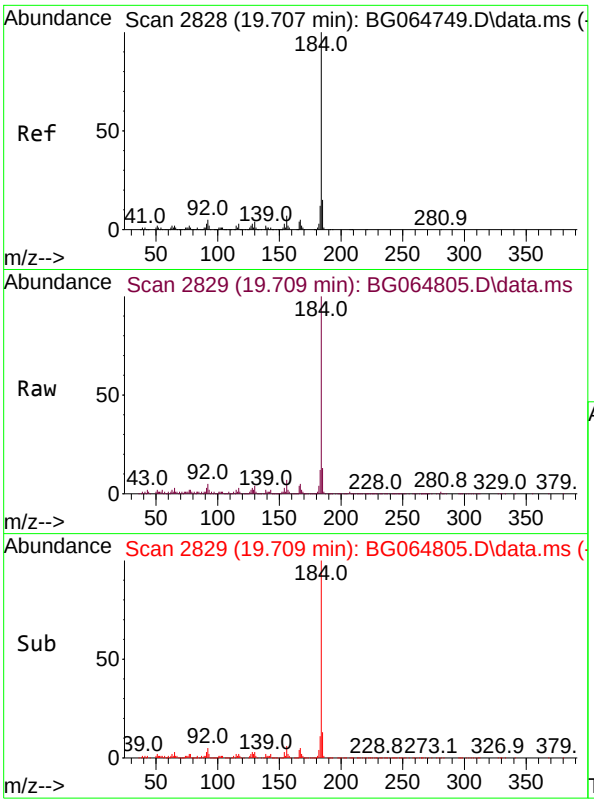



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:240 Resp: 336753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.2 | 4.2 | 6.4 |
| 236 | 26.0 | 20.8 | 31.2 |

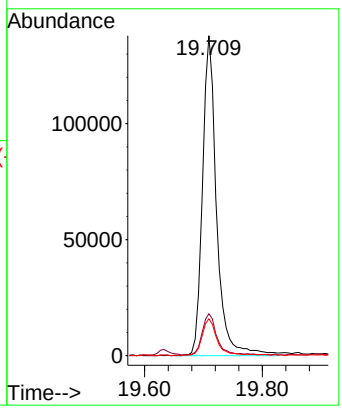





#77
Benzidine
Concen: 22.761 ng
RT: 19.709 min Scan# 28
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:184 Resp: 229554

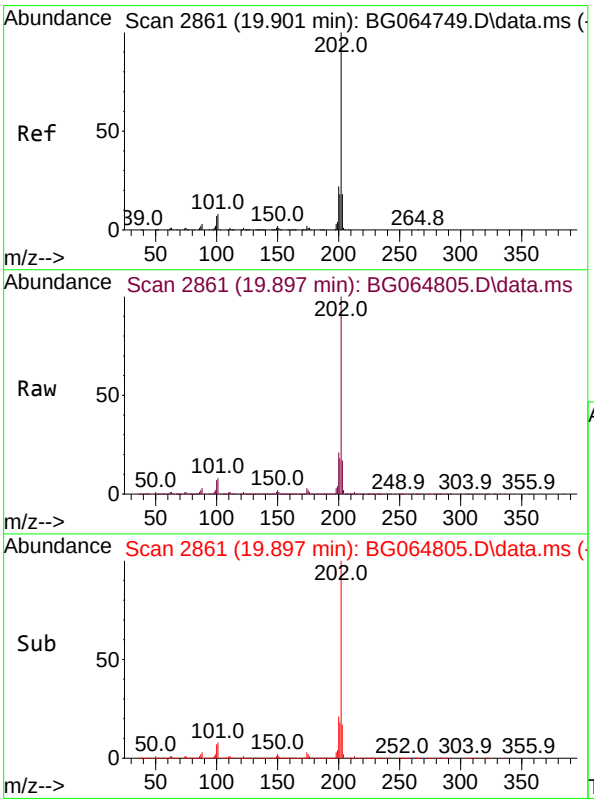
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.1 | 11.8 | 17.6 |
| 183 | 11.5 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

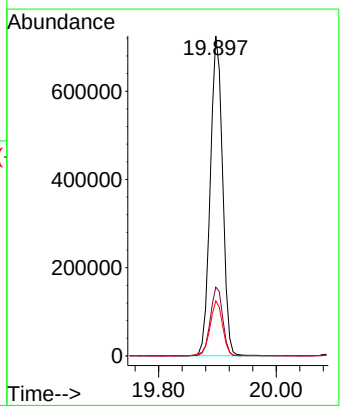
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

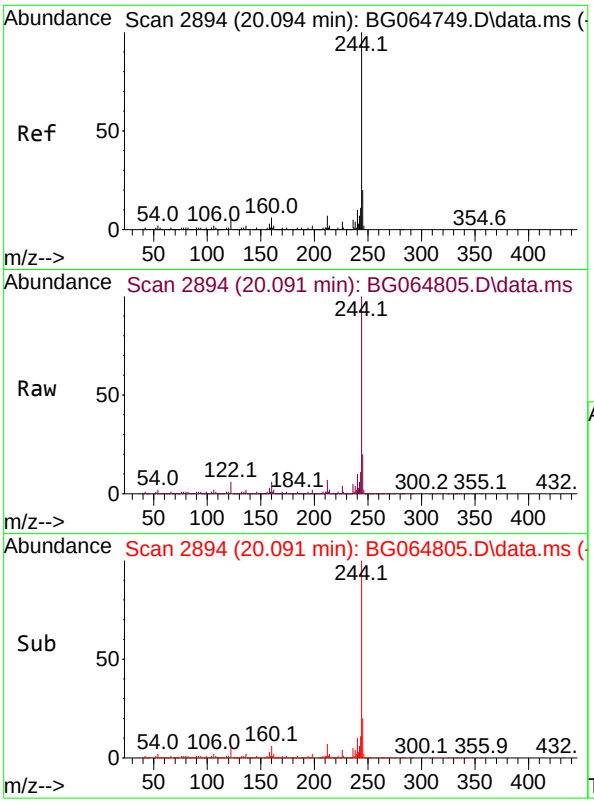



#78
Pyrene
Concen: 55.724 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:202 Resp: 1051714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.9 | 26.9 |
| 203 | 17.2 | 14.0 | 21.0 |






#79
Terphenyl-d14
Concen: 73.373 ng
RT: 20.091 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

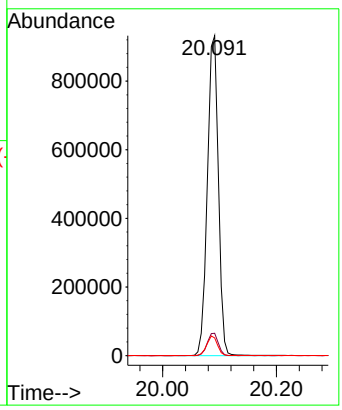
**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

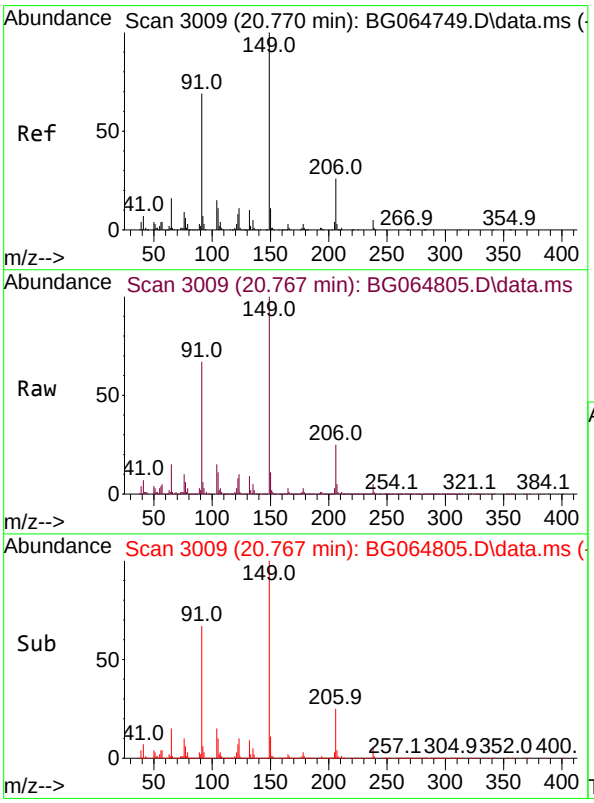
Tgt Ion:244 Resp: 125610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.8 | 8.6 |
| 122 | 5.5 | 4.3 | 6.5 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

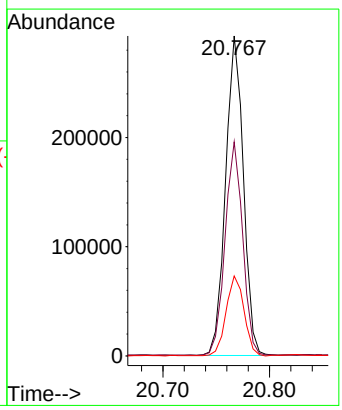


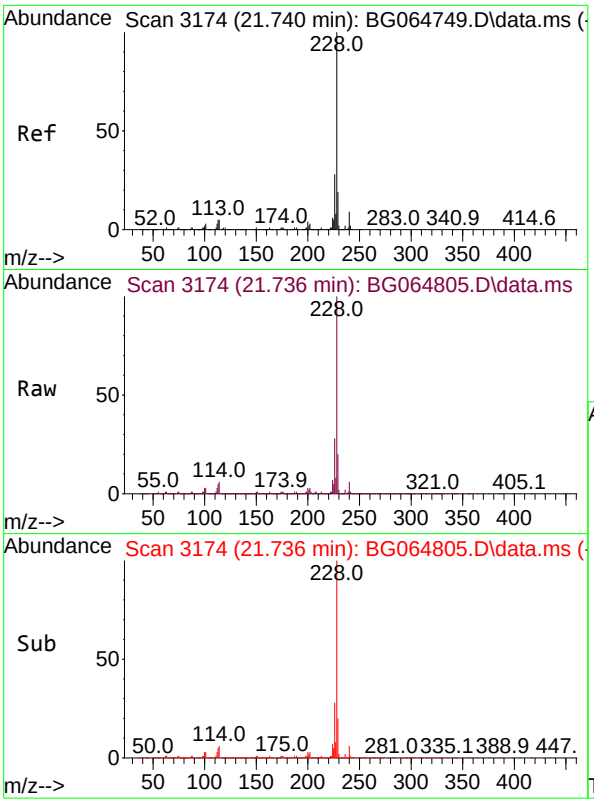




#80
Butylbenzylphthalate
Concen: 51.293 ng
RT: 20.767 min Scan# 3009
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:149 Resp: 340509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.9 | 54.9 | 82.3 |
| 206 | 25.0 | 21.2 | 31.8 |

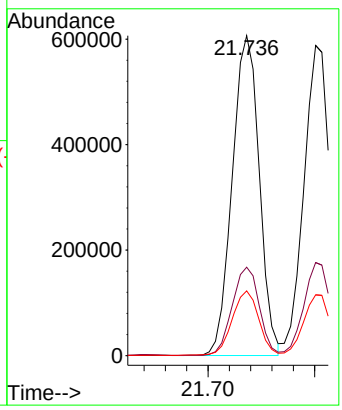





#81
Benzo(a)anthracene
Concen: 46.539 ng
RT: 21.736 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:228 Resp: 106565

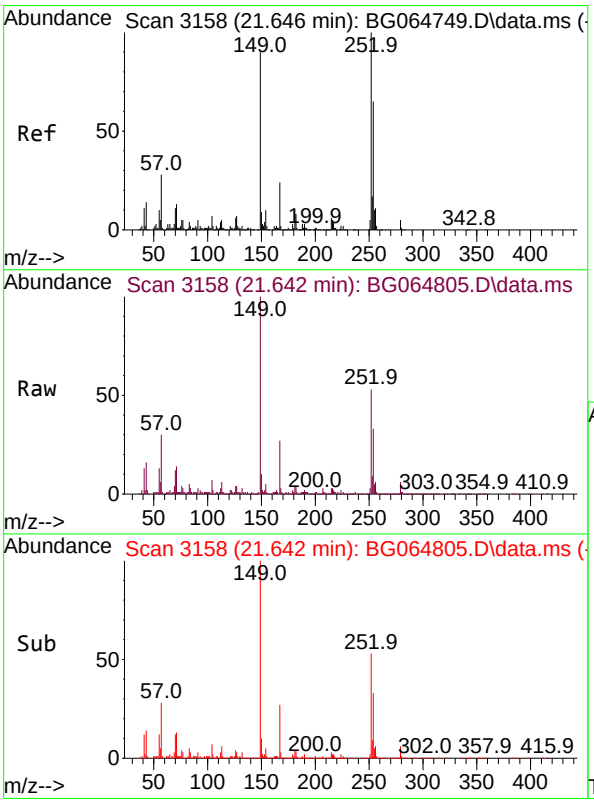
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.6 | 22.1 | 33.1 |
| 229 | 20.2 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

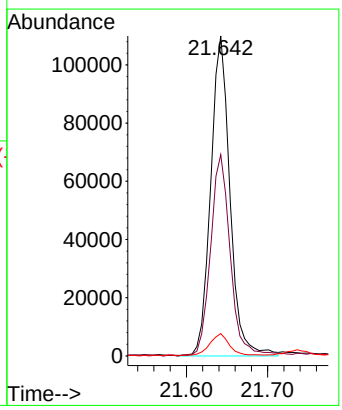
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

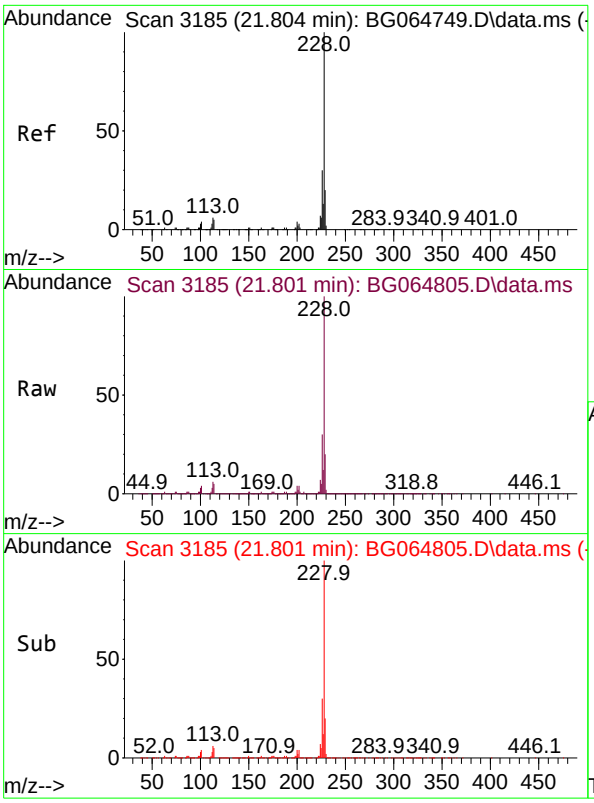



#82
3,3'-Dichlorobenzidine
Concen: 21.508 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:252 Resp: 181271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.9 | 51.8 | 77.8 |
| 126 | 7.0 | 4.7 | 7.1 |

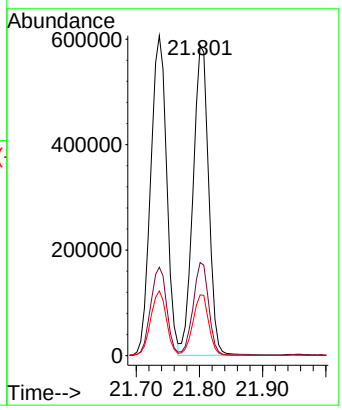





#83
Chrysene
Concen: 46.628 ng
RT: 21.801 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:228 Resp: 100658

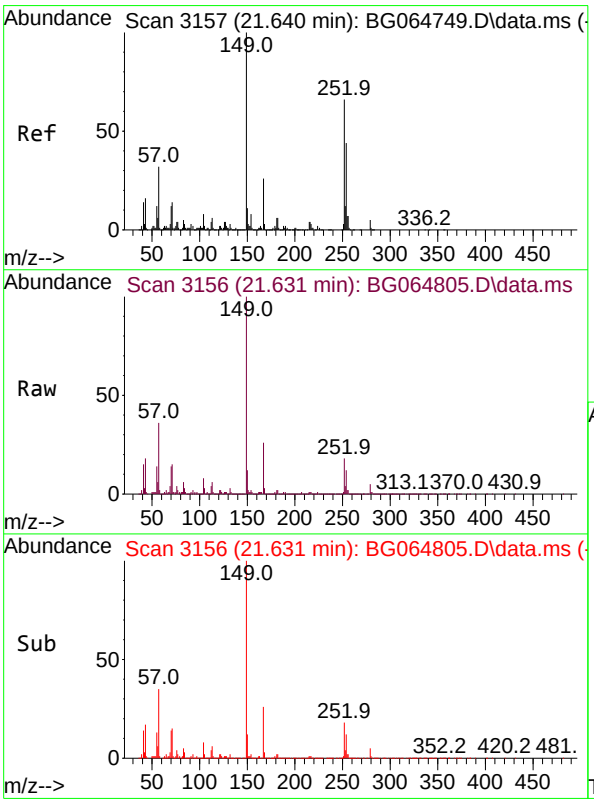
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.2 | 36.2 |
| 229 | 19.6 | 16.0 | 24.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

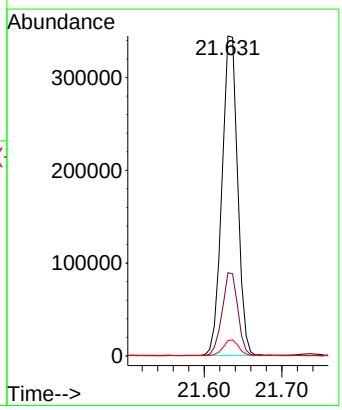
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

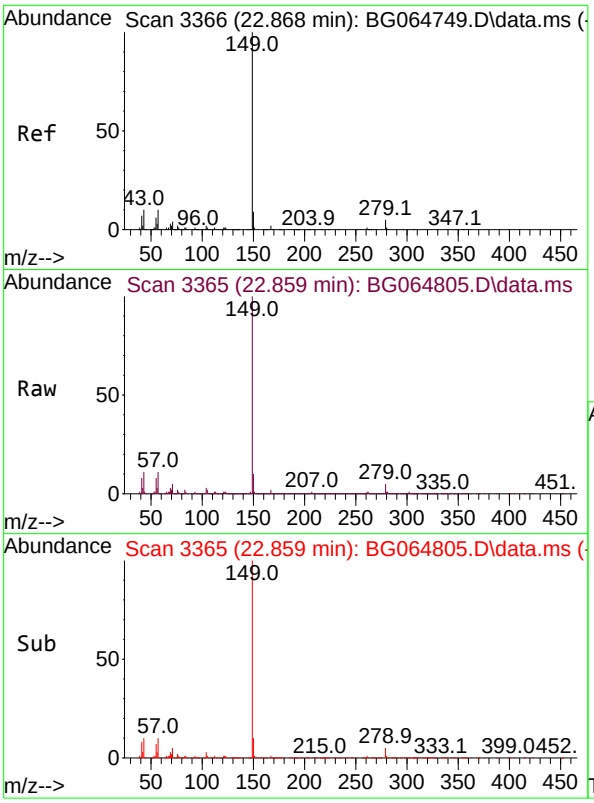



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.887 ng
RT: 21.631 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:149 Resp: 483937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.0 | 21.0 | 31.4 |
| 279 | 4.8 | 4.1 | 6.1 |

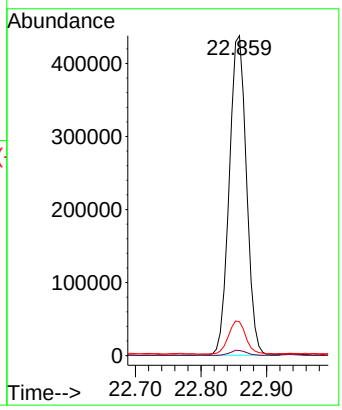





#85
Di-n-octyl phthalate
Concen: 47.433 ng
RT: 22.859 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:149 Resp: 795379

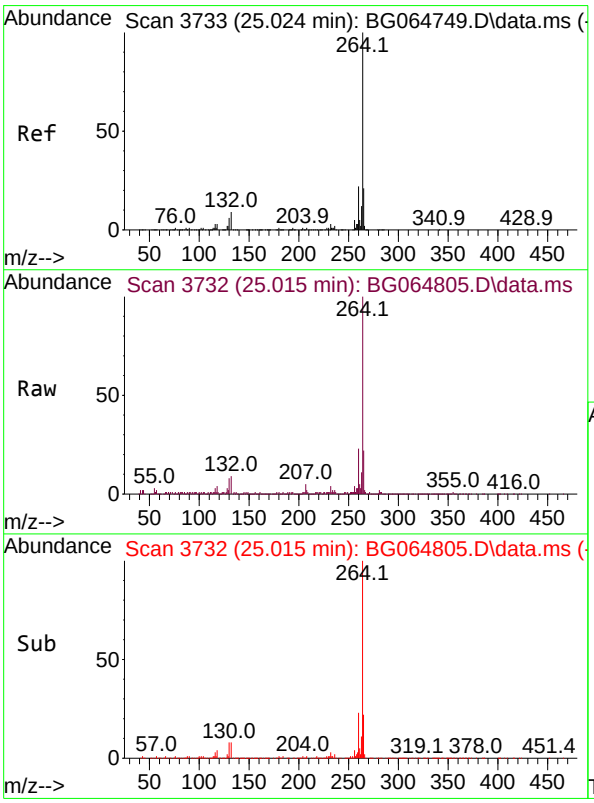
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 10.3 | 8.3 | 12.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

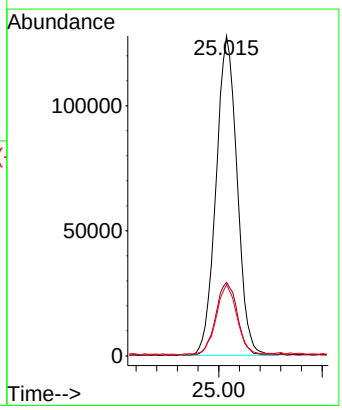
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

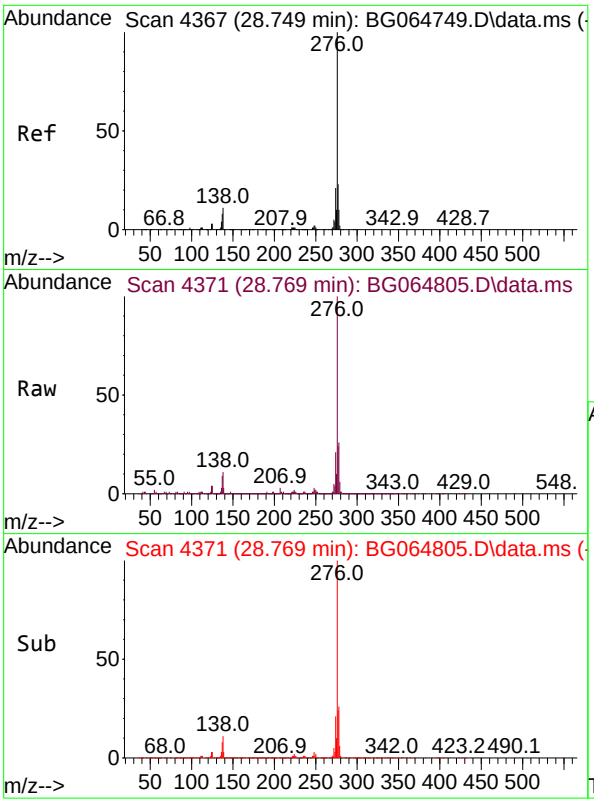



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:264 Resp: 363160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 17.2 | 25.8 |
| 265 | 22.3 | 16.6 | 25.0 |

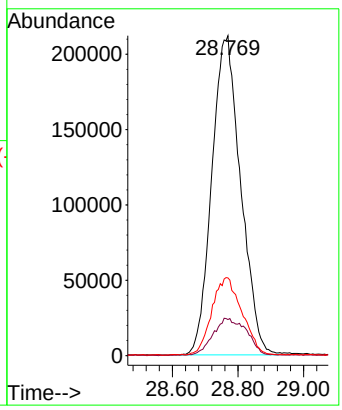





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.854 ng
RT: 28.769 min Scan# 4
Delta R.T. 0.020 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:276 Resp: 129377

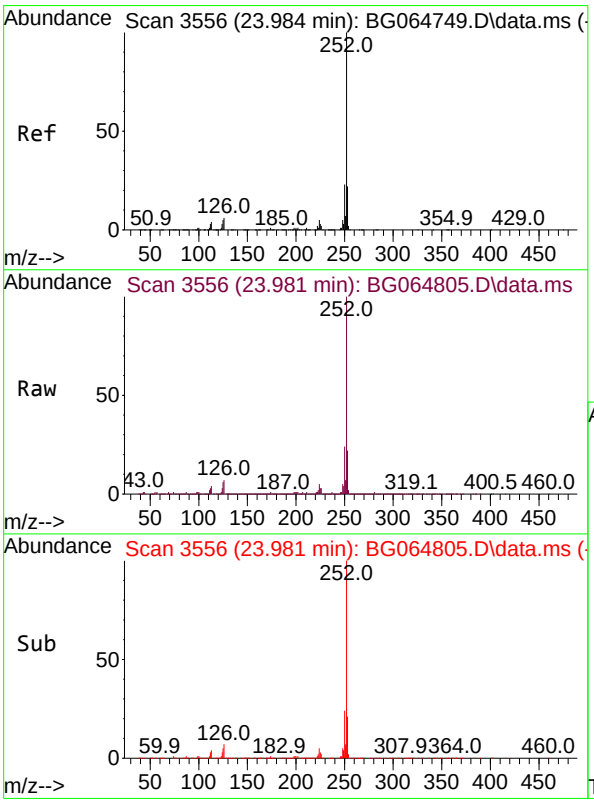
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.3 | 4.5 | 6.7# |
| 277 | 25.1 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

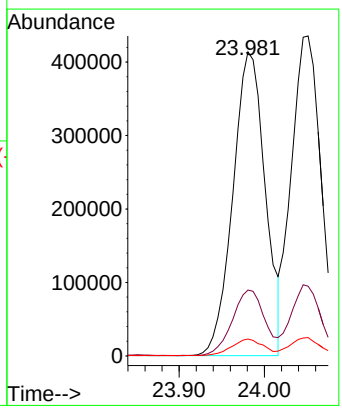
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

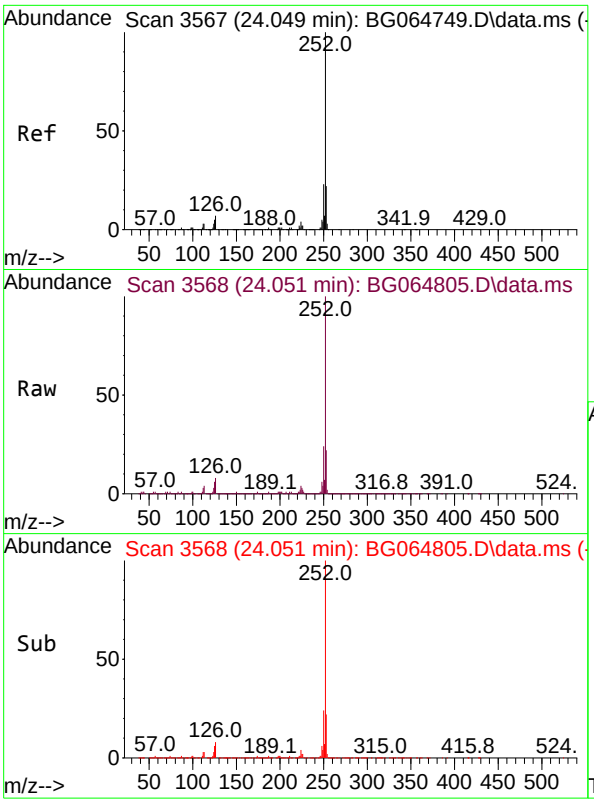



#88
Benzo(b)fluoranthene
Concen: 47.147 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:252 Resp: 1089616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.4 | 26.2 |
| 125 | 5.6 | 4.2 | 6.2 |

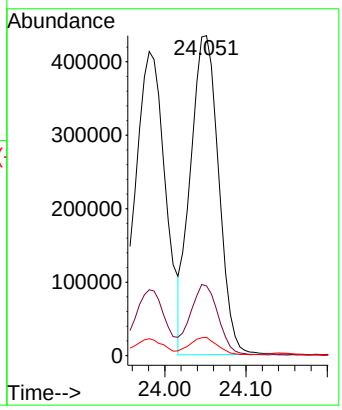





#89
Benzo(k)fluoranthene
Concen: 45.198 ng
RT: 24.051 min Scan# 3
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:252 Resp: 104942

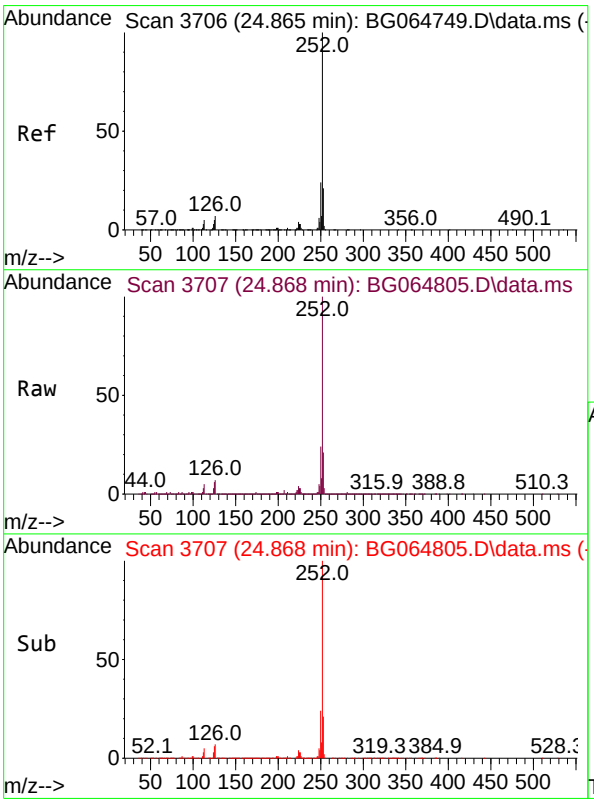
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.8 | 26.8 |
| 125 | 5.7 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

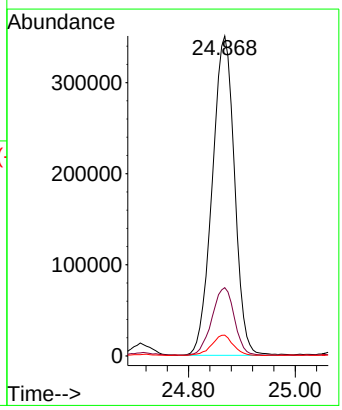
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

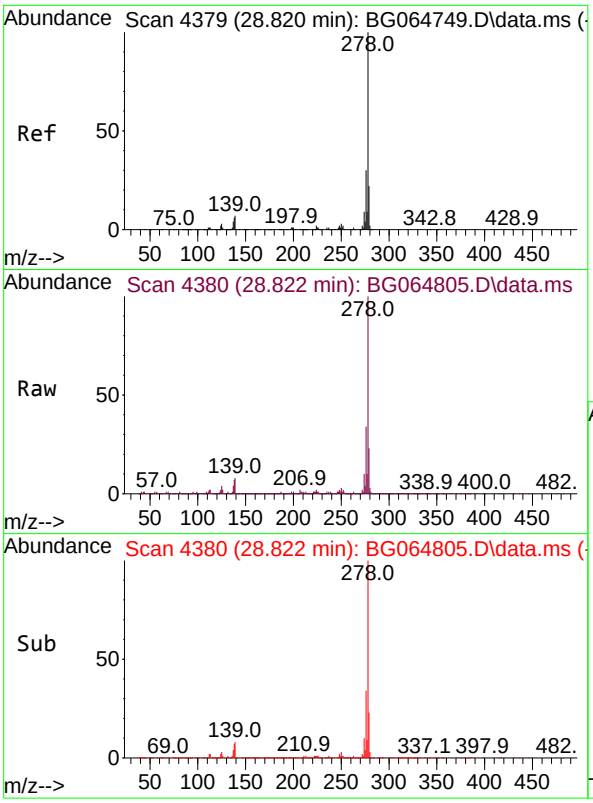



#90
Benzo(a)pyrene
Concen: 47.412 ng
RT: 24.868 min Scan# 3707
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:252 Resp: 1016437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 16.9 | 25.3 |
| 125 | 6.5 | 4.2 | 6.4# |

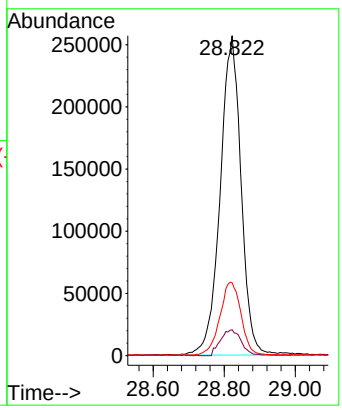





#91
Dibenzo(a,h)anthracene
Concen: 51.208 ng
RT: 28.822 min Scan# 4
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:278 Resp: 104667

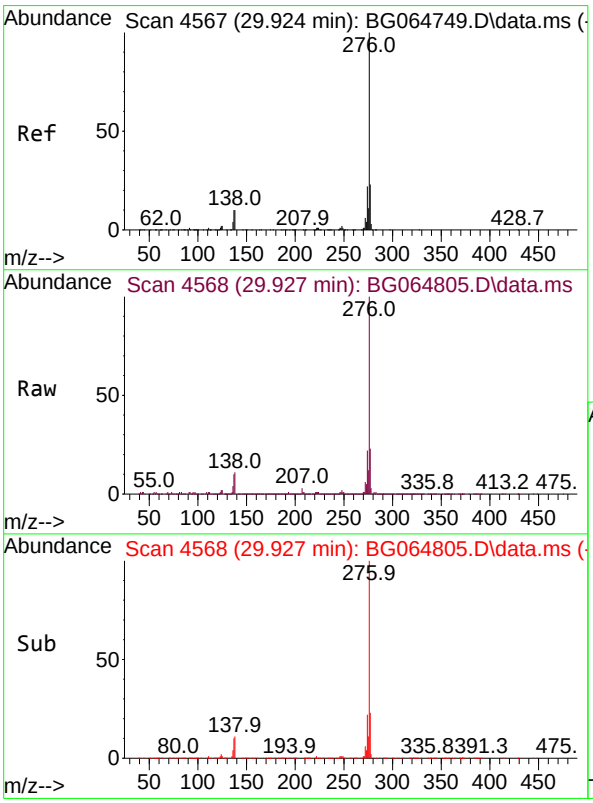
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.1 | 5.8 | 8.8 |
| 279 | 22.8 | 17.3 | 25.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MS

**Manual Integrations**
**APPROVED**

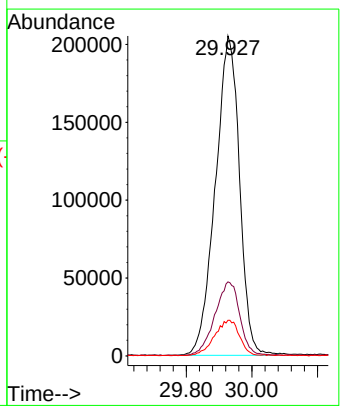
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 53.307 ng
RT: 29.927 min Scan# 4568
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:276 Resp: 1048620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 18.0 | 27.0 |
| 138 | 11.1 | 8.2 | 12.2 |



Raw Data: **BG064806.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 11/17/25 |
| Project: | NJ Soil PT | Date Received: | 11/17/25 |
| Client Sample ID: | NB-07-111725MSD | SDG No.: | Q3483 |
| Lab Sample ID: | Q3658-01MSD | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 90.9 |
| Sample Wt/Vol: | 50.02 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 62-75-9 | n-Nitrosodimethylamine | 890 | | 1 | 22.1 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 110-86-1 | Pyridine | 770 | | 1 | 25.9 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 100-52-7 | Benzaldehyde | 640 | | 1 | 100 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 62-53-3 | Aniline | 400 | | 1 | 32.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 108-95-2 | Phenol | 1000 | | 1 | 14.6 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 111-44-4 | bis(2-Chloroethyl)ether | 960 | | 1 | 16.0 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 95-57-8 | 2-Chlorophenol | 1000 | | 1 | 16.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 95-50-1 | 1,2-Dichlorobenzene | 1000 | | 1 | 12.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 541-73-1 | 1,3-Dichlorobenzene | 990 | | 1 | 11.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 106-46-7 | 1,4-Dichlorobenzene | 1000 | | 1 | 12.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 100-51-6 | Benzyl Alcohol | 1000 | | 1 | 32.0 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 95-48-7 | 2-Methylphenol | 1000 | | 1 | 19.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 108-60-1 | 2,2-oxybis(1-Chloropropane) | 920 | | 1 | 24.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 98-86-2 | Acetophenone | 960 | | 1 | 19.5 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 65794-96-9 | 3+4-Methylphenols | 1000 | | 1 | 27.1 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 621-64-7 | n-Nitroso-di-n-propylamine | 970 | | 1 | 31.3 | 52.8 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 67-72-1 | Hexachloroethane | 990 | | 1 | 11.6 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 98-95-3 | Nitrobenzene | 980 | | 1 | 12.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 78-59-1 | Isophorone | 930 | | 1 | 21.6 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 88-75-5 | 2-Nitrophenol | 1100 | | 1 | 38.4 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 105-67-9 | 2,4-Dimethylphenol | 990 | | 1 | 42.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 111-91-1 | bis(2-Chloroethoxy)methane | 980 | | 1 | 20.3 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 120-83-2 | 2,4-Dichlorophenol | 1100 | | 1 | 18.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1000 | | 1 | 14.9 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 65-85-0 | Benzoic acid | 1100 | | 1 | 130 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 91-20-3 | Naphthalene | 970 | | 1 | 15.0 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 106-47-8 | 4-Chloroaniline | 260 | | 1 | 23.4 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 87-68-3 | Hexachlorobutadiene | 960 | | 1 | 16.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 105-60-2 | Caprolactam | 1000 | | 1 | 34.4 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 59-50-7 | 4-Chloro-3-methylphenol | 1100 | | 1 | 18.9 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 91-57-6 | 2-Methylnaphthalene | 890 | | 1 | 16.9 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 77-47-4 | Hexachlorocyclopentadiene | 930 | | 1 | 76.5 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 88-06-2 | 2,4,6-Trichlorophenol | 1000 | | 1 | 13.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1100 | | 1 | 19.2 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 92-52-4 | 1,1-Biphenyl | 980 | | 1 | 14.4 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 91-58-7 | 2-Chloronaphthalene | 980 | | 1 | 14.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 88-74-4 | 2-Nitroaniline | 1000 | | 1 | 31.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 131-11-3 | Dimethylphthalate | 930 | | 1 | 17.9 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 208-96-8 | Acenaphthylene | 990 | | 1 | 19.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 606-20-2 | 2,6-Dinitrotoluene | 1100 | | 1 | 22.2 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 99-09-2 | 3-Nitroaniline | 630 | | 1 | 30.4 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 83-32-9 | Acenaphthene | 1000 | | 1 | 14.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |

Raw Data: **BG064806.D**

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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | Date Collected: | 11/17/25 |
| Project: | NJ Soil PT | Date Received: | 11/17/25 |
| Client Sample ID: | NB-07-111725MSD | SDG No.: | Q3483 |
| Lab Sample ID: | Q3658-01MSD | Matrix: | SOIL |
| Analytical Method: | 8270E Level: LOW | % Solid: | 90.9 |
| Sample Wt/Vol: | 50.02 g Final Vol: 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 Prep Date: 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 51-28-5 | 2,4-Dinitrophenol | 1400 | | 1 | 150 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 100-02-7 | 4-Nitrophenol | 2100 | E | 1 | 70.6 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 132-64-9 | Dibenzofuran | 990 | | 1 | 15.0 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 121-14-2 | 2,4-Dinitrotoluene | 1000 | | 1 | 33.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 84-66-2 | Diethylphthalate | 950 | | 1 | 18.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 950 | | 1 | 17.6 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 86-73-7 | Fluorene | 960 | | 1 | 16.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 100-01-6 | 4-Nitroaniline | 880 | | 1 | 42.4 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 890 | | 1 | 68.0 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 86-30-6 | n-Nitrosodiphenylamine | 1100 | | 1 | 21.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 103-33-3 | Azobenzene | 1100 | | 1 | 19.3 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 101-55-3 | 4-Bromophenyl-phenylether | 1100 | | 1 | 18.3 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 118-74-1 | Hexachlorobenzene | 1100 | | 1 | 16.7 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 1912-24-9 | Atrazine | 1000 | | 1 | 22.4 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 87-86-5 | Pentachlorophenol | 2200 | E | 1 | 33.8 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 85-01-8 | Phenanthrene | 1000 | | 1 | 13.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 120-12-7 | Anthracene | 1000 | | 1 | 22.0 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 86-74-8 | Carbazole | 980 | | 1 | 20.6 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 84-74-2 | Di-n-butylphthalate | 1000 | | 1 | 31.6 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 206-44-0 | Fluoranthene | 890 | | 1 | 19.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 92-87-5 | Benzidine | 570 | | 1 | 97.7 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 129-00-0 | Pyrene | 1200 | | 1 | 23.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 85-68-7 | Butylbenzylphthalate | 1100 | | 1 | 47.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 91-94-1 | 3,3-Dichlorobenzidine | 560 | | 1 | 24.2 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 56-55-3 | Benzo(a)anthracene | 1000 | | 1 | 15.2 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 218-01-9 | Chrysene | 1000 | | 1 | 13.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1100 | | 1 | 39.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 117-84-0 | Di-n-octyl phthalate | 1100 | | 1 | 57.3 | 220 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 205-99-2 | Benzo(b)fluoranthene | 1000 | | 1 | 12.5 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 207-08-9 | Benzo(k)fluoranthene | 1000 | | 1 | 14.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 50-32-8 | Benzo(a)pyrene | 1000 | | 1 | 19.5 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1200 | | 1 | 19.2 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 53-70-3 | Dibenzo(a,h)anthracene | 1100 | | 1 | 18.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 191-24-2 | Benzo(g,h,i)perylene | 1200 | | 1 | 17.0 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1000 | | 1 | 16.9 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 123-91-1 | 1,4-Dioxane | 780 | | 1 | 29.8 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1100 | | 1 | 18.1 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| 90-12-0 | 1-Methylnaphthalene | 940 | | 1 | 17.0 | 110 | ug/Kg | 11/18/25 17:01 | PB170598 |
| **SURROGATES** | | | | | | | | | |
| 367-12-4 | 2-Fluorophenol | 98.7 | | | 10 - 105 | 66% | SPK: 150 | | |
| 13127-88-3 | Phenol-d6 | 99.1 | | | 10 - 103 | 66% | SPK: 150 | | |
| 4165-60-0 | Nitrobenzene-d5 | 61.9 | | | 10 - 108 | 62% | SPK: 100 | | |
| 321-60-8 | 2-Fluorobiphenyl | 57.3 | | | 10 - 108 | 57% | SPK: 100 | | |

Raw Data: **BG064806.D**

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

# Report of Analysis

| | | | | | |
|---|---|---|---|---|---|
| Client: | Alliance Technical Group, LLC - Newark | | | Date Collected: | 11/17/25 |
| Project: | NJ Soil PT | | | Date Received: | 11/17/25 |
| Client Sample ID: | NB-07-111725MSD | | | SDG No.: | Q3483 |
| Lab Sample ID: | Q3658-01MSD | | | Matrix: | SOIL |
| Analytical Method: | 8270E | Level: | LOW | % Solid: | 90.9 |
| Sample Wt/Vol: | 50.02 g | Final Vol: | 1000 uL | Test: | SVOCMS Group1 |
| Prep Method : | SW3541 | Prep Date: | 11/18/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol | 93.0 | | | 10 - 116 | 62% | SPK: 150 | | |
| 1718-51-0 | Terphenyl-d14 | 72.9 | | | 10 - 109 | 73% | SPK: 100 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 45900 | | | | | | | |
| 1146-65-2 | Naphthalene-d8 | 186000 | | | | | | | |
| 15067-26-2 | Acenaphthene-d10 | 154000 | | | | | | | |
| 1517-22-2 | Phenanthrene-d10 | 347000 | | | | | | | |
| 1719-03-5 | Chrysene-d12 | 343000 | | | | | | | |
| 1520-96-3 | Perylene-d12 | 372000 | | | | | | | |

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

Sample Results: **BG064806.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064806.D
Acq On : 18 Nov 2025 17:01
Operator : RC/JU
Sample : Q3658-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 18 17:42:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.164 | 152 | 45859 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.984 | 136 | 185864 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.774 | 164 | 153717 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.506 | 188 | 346793 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.754 | 240 | 343005 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.015 | 264 | 371739 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.702 | 112 | 259099 | 98.660 | ng | 0.00 |
| 7) Phenol-d6 | 7.312 | 99 | 346046 | 99.070 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.327 | 82 | 232552 | 61.863 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.254 | 330 | 278694 | 92.961 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.405 | 172 | 631225 | 57.298 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.091 | 244 | 1271322 | 72.909 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.522 | 88 | 36175 | 35.581 | ng | 98 |
| 3) Pyridine | 3.934 | 79 | 105499 | 34.826 | ng | 95 |
| 4) n-Nitrosodimethylamine | 3.845 | 42 | 62107 | 40.282 | ng | 89 |
| 6) Aniline | 7.476 | 93 | 83961 | 18.034 | ng | 100 |
| 8) 2-Chlorophenol | 7.723 | 128 | 136768 | 47.429 | ng | 97 |
| 9) Benzaldehyde | 7.288 | 77 | 66174 | 28.941 | ng | 96 |
| 10) Phenol | 7.341 | 94 | 180092 | 47.387 | ng | 95 |
| 11) bis(2-Chloroethyl)ether | 7.570 | 93 | 118141 | 43.685 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 8.058 | 146 | 149728 | 45.124 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 8.199 | 146 | 155898 | 46.141 | ng | 97 |
| 14) 1,2-Dichlorobenzene | 8.522 | 146 | 153991 | 47.005 | ng | 99 |
| 15) Benzyl Alcohol | 8.393 | 79 | 136260 | 47.526 | ng | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.687 | 45 | 267455 | 41.782 | ng | 96 |
| 17) 2-Methylphenol | 8.599 | 107 | 128186 | 47.669 | ng | 96 |
| 18) Hexachloroethane | 9.263 | 117 | 57891 | 45.238 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.969 | 70 | 104474 | 44.236 | ng | 96 |
| 20) 3+4-Methylphenols | 8.928 | 107 | 172329 | 46.779 | ng | 95 |
| 22) Acetophenone | 8.986 | 105 | 222070 | 43.855 | ng | 99 |
| 24) Nitrobenzene | 9.368 | 77 | 168595 | 44.387 | ng | 96 |
| 25) Isophorone | 9.897 | 82 | 304278 | 42.505 | ng | 98 |
| 26) 2-Nitrophenol | 10.085 | 139 | 82924 | 48.537 | ng | 94 |
| 27) 2,4-Dimethylphenol | 10.138 | 122 | 137062 | 45.158 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.373 | 93 | 175795 | 44.731 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.620 | 162 | 161878 | 49.677 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.843 | 180 | 186815 | 47.477 | ng | 98 |
| 31) Naphthalene | 11.031 | 128 | 464876 | 44.122 | ng | 99 |
| 32) Benzoic acid | 10.285 | 122 | 108794 | 50.446 | ng | 98 |
| 33) 4-Chloroaniline | 11.131 | 127 | 49313 | 11.700 | ng | 99 |
| 34) Hexachlorobutadiene | 11.319 | 225 | 146746 | 43.465 | ng | 97 |
| 35) Caprolactam | 11.901 | 113 | 46291m | 47.495 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.241 | 107 | 173370 | 47.800 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.623 | 142 | 320641 | 40.667 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.841 | 142 | 334820 | 42.749 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.988 | 216 | 273123 | 45.656 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.970 | 237 | 181558 | 42.342 | ng | 95 |
| 43) 2,4,6-Trichlorophenol | 13.217 | 196 | 165757 | 47.210 | ng | 98 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064806.D
Acq On : 18 Nov 2025 17:01
Operator : RC/JU
Sample : Q3658-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 17:42:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 13.293 | 196 | 189692 | 48.171 | ng | | 98 |
| 46) | 1,1'-Biphenyl | 13.616 | 154 | 493951 | 44.740 | ng | | 97 |
| 47) | 2-Chloronaphthalene | 13.663 | 162 | 387936 | 44.601 | ng | | 99 |
| 48) | 2-Nitroaniline | 13.851 | 65 | 130207 | 46.542 | ng | | 98 |
| 49) | Acenaphthylene | 14.503 | 152 | 668768 | 45.005 | ng | | 98 |
| 50) | Dimethylphthalate | 14.221 | 163 | 510718 | 42.060 | ng | | 99 |
| 51) | 2,6-Dinitrotoluene | 14.339 | 165 | 111951 | 47.913 | ng | | 95 |
| 52) | Acenaphthene | 14.838 | 154 | 424042 | 47.593 | ng | | 98 |
| 53) | 3-Nitroaniline | 14.668 | 138 | 66320 | 28.758 | ng | | 94 |
| 54) | 2,4-Dinitrophenol | 14.868 | 184 | 102708 | 65.869 | ng | | 92 |
| 55) | Dibenzofuran | 15.167 | 168 | 660092 | 44.813 | ng | | 98 |
| 56) | 4-Nitrophenol | 14.968 | 139 | 175859 | 96.115 | ng | | 93 |
| 57) | 2,4-Dinitrotoluene | 15.120 | 165 | 162957 | 46.520 | ng | | 99 |
| 58) | Fluorene | 15.814 | 166 | 501755 | 43.432 | ng | | 98 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.391 | 232 | 195799 | 50.394 | ng | | 98 |
| 60) | Diethylphthalate | 15.573 | 149 | 500848 | 43.057 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.802 | 204 | 300874 | 43.396 | ng | | 100 |
| 62) | 4-Nitroaniline | 15.820 | 138 | 95289 | 39.885 | ng | | 98 |
| 63) | Azobenzene | 16.096 | 77 | 494473 | 51.108 | ng | | 96 |
| 65) | 4,6-Dinitro-2-methylph... | 15.878 | 198 | 77742 | 40.376 | ng | | 96 |
| 66) | n-Nitrosodiphenylamine | 16.013 | 169 | 461656 | 50.823 | ng | | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.695 | 248 | 223813 | 49.145 | ng | | 97 |
| 68) | Hexachlorobenzene | 16.818 | 284 | 264122 | 47.869 | ng | | 97 |
| 69) | Atrazine | 16.948 | 200 | 205324 | 46.883 | ng | | 99 |
| 70) | Pentachlorophenol | 17.153 | 266 | 326908 | 98.575 | ng | | 96 |
| 71) | Phenanthrene | 17.547 | 178 | 891708 | 46.996 | ng | | 100 |
| 72) | Anthracene | 17.635 | 178 | 899685 | 46.501 | ng | | 100 |
| 73) | Carbazole | 17.899 | 167 | 744762 | 44.778 | ng | | 99 |
| 74) | Di-n-butylphthalate | 18.446 | 149 | 861272 | 46.415 | ng | | 99 |
| 75) | Fluoranthene | 19.539 | 202 | 1048731 | 40.420 | ng | | 99 |
| 77) | Benzidine | 19.709 | 184 | 266468 | 25.940 | ng | | 98 |
| 78) | Pyrene | 19.897 | 202 | 1060660 | 55.174 | ng | | 99 |
| 80) | Butylbenzylphthalate | 20.767 | 149 | 350558 | 51.844 | ng | | 97 |
| 81) | Benzo(a)anthracene | 21.736 | 228 | 1097876 | 47.073 | ng | | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.642 | 252 | 219625 | 25.584 | ng | | 97 |
| 83) | Chrysene | 21.801 | 228 | 1023652 | 46.554 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.630 | 149 | 497488 | 50.349 | ng | | 99 |
| 85) | Di-n-octyl phthalate | 22.858 | 149 | 830788 | 48.642 | ng | | 100 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.763 | 276 | 1348244 | 52.790 | ng | # | 98 |
| 88) | Benzo(b)fluoranthene | 23.981 | 252 | 1124970 | 47.554 | ng | | 99 |
| 89) | Benzo(k)fluoranthene | 24.051 | 252 | 1082022 | 45.526 | ng | | 98 |
| 90) | Benzo(a)pyrene | 24.868 | 252 | 1039844 | 47.384 | ng | # | 98 |
| 91) | Dibenzo(a,h)anthracene | 28.822 | 278 | 1082932 | 51.759 | ng | | 96 |
| 92) | Benzo(g,h,i)perylene | 29.932 | 276 | 1070512 | 53.164 | ng | | 96 |

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

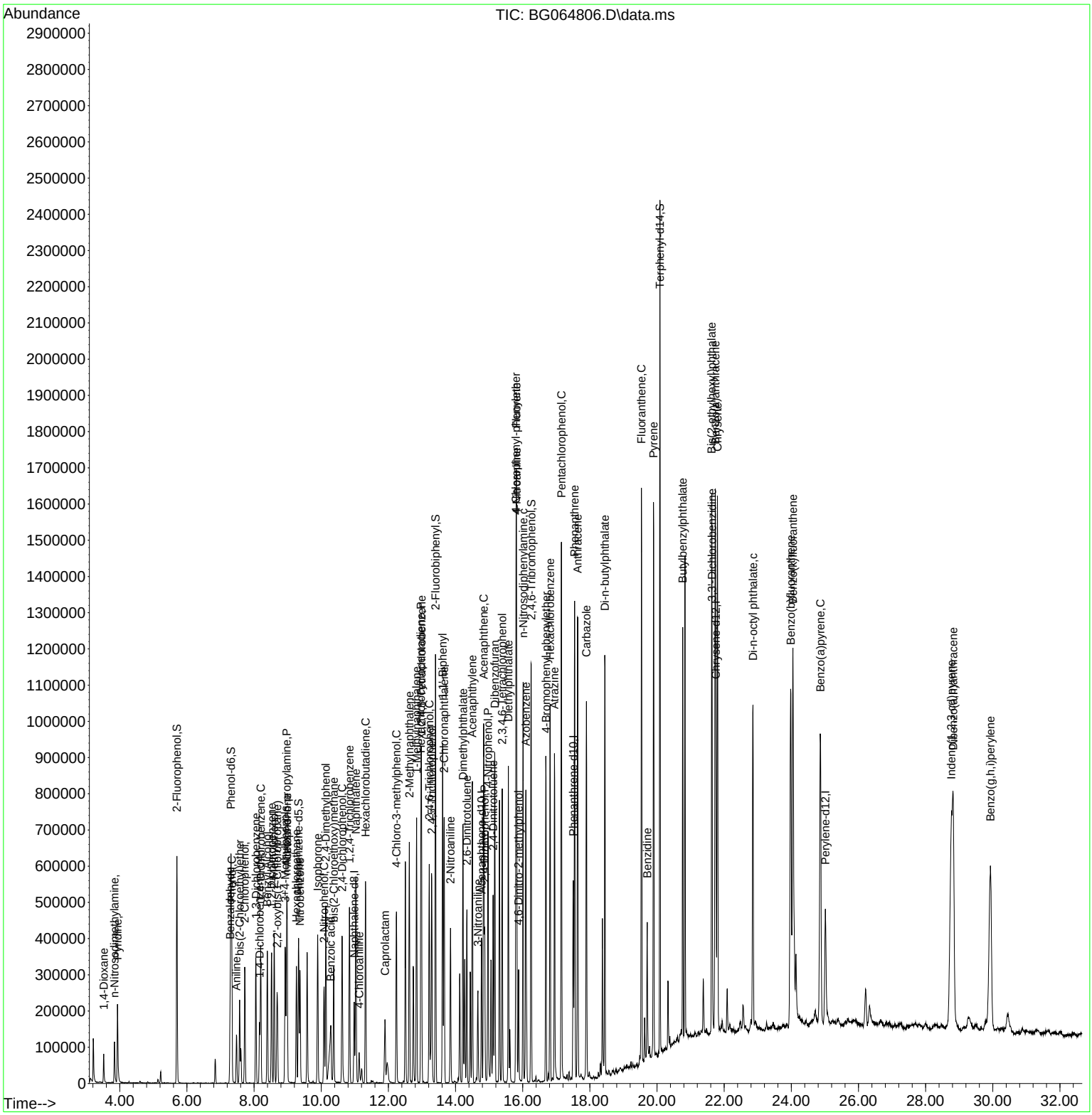
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Acq On : 18 Nov 2025 17:01
Operator : RC/JU
Sample : Q3658-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

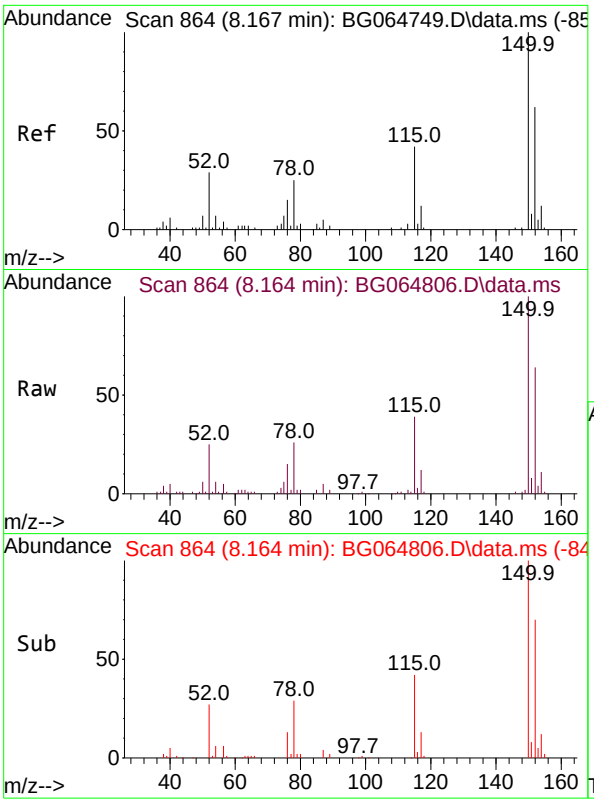
Quant Time: Nov 18 17:42:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

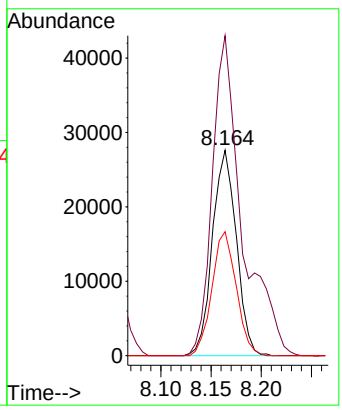





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:152 Resp: 4585

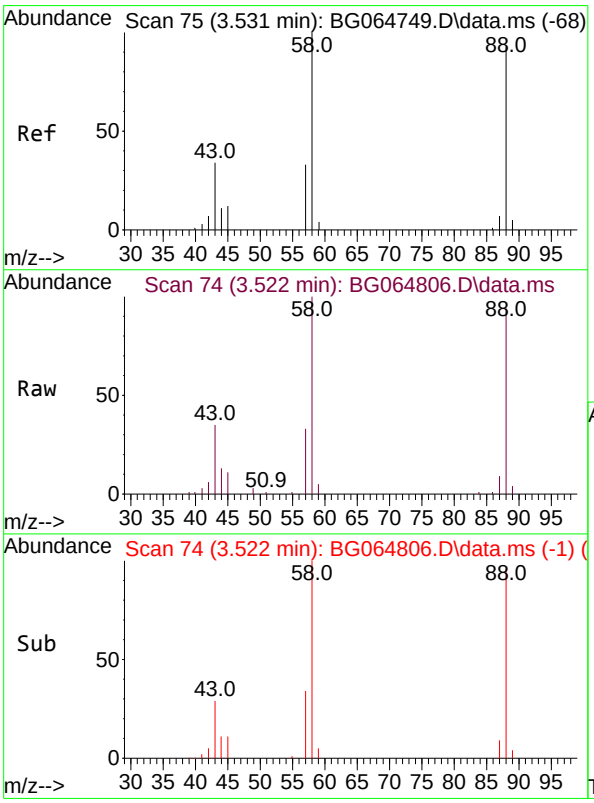
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.8 | 129.2 | 193.8 |
| 115 | 60.3 | 53.7 | 80.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

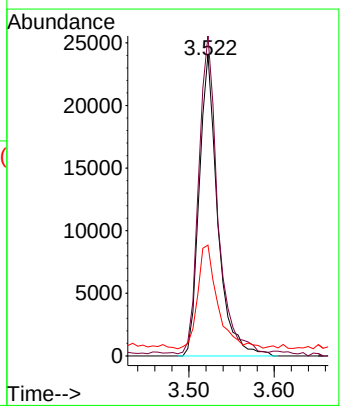
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

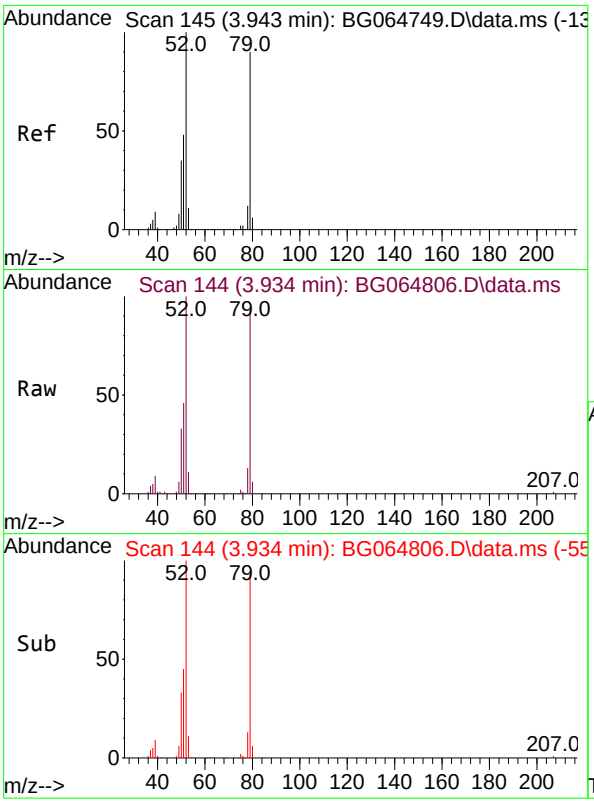



#2
1,4-Dioxane
Concen: 35.581 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 88 Resp: 36175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 108.6 | 84.6 | 126.8 |
| 43 | 37.4 | 30.0 | 45.0 |






#3
Pyridine
Concen: 34.826 ng
RT: 3.934 min Scan# 14
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

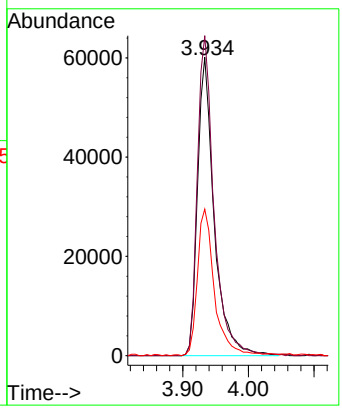
Tgt Ion: 79 Resp: 10549

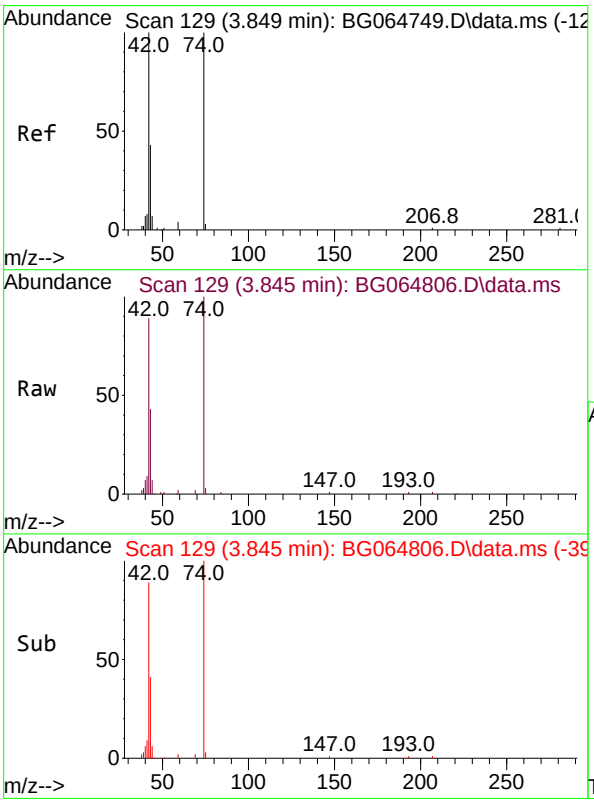
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 107.3 | 89.0 | 133.4 |
| 51 | 49.1 | 43.4 | 65.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

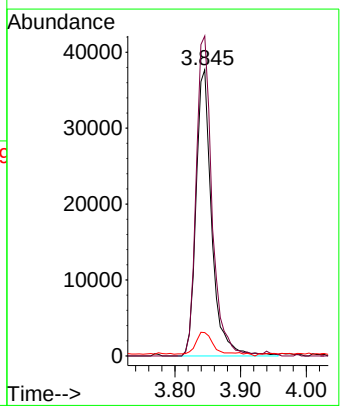


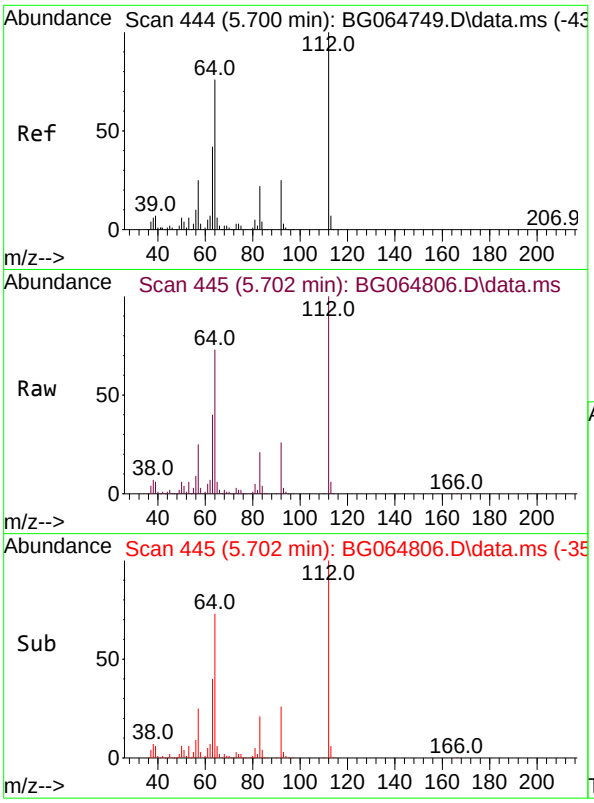




#4
n-Nitrosodimethylamine
Concen: 40.282 ng
RT: 3.845 min Scan# 129
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 42 Resp: 62107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 111.8 | 79.8 | 119.6 |
| 44 | 8.1 | 5.9 | 8.9 |






#5
2-Fluorophenol
Concen: 98.660 ng
RT: 5.702 min Scan# 44
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

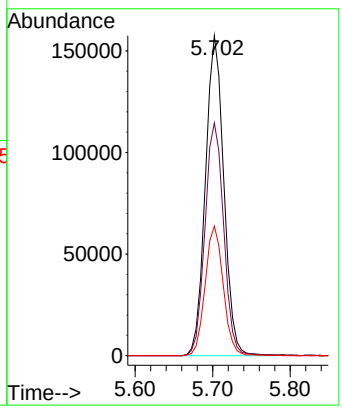
Tgt Ion:112 Resp: 259099

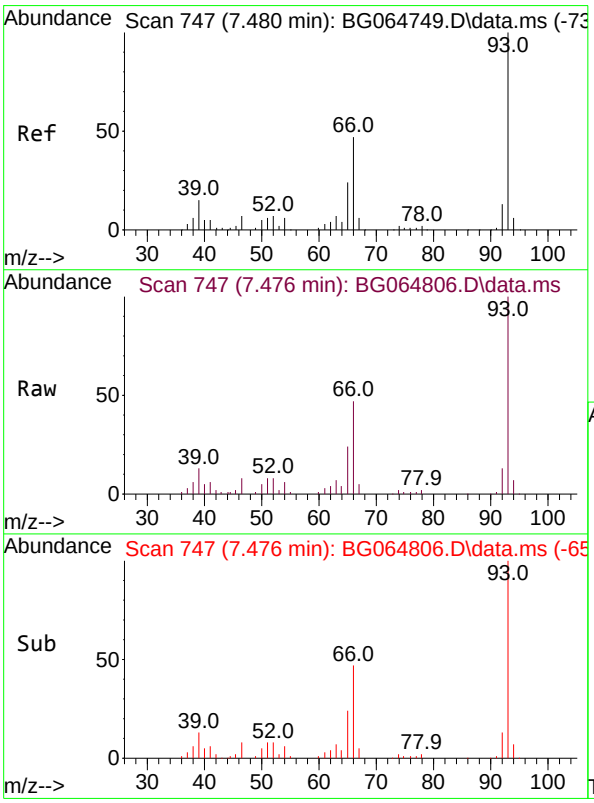
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.7 | 61.0 | 91.4 |
| 63 | 40.5 | 33.3 | 49.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

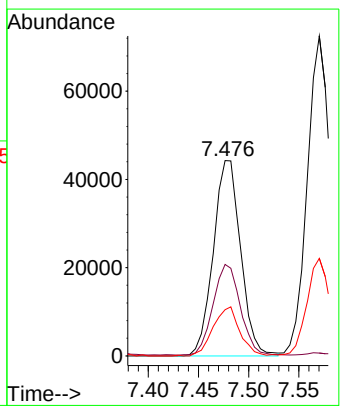


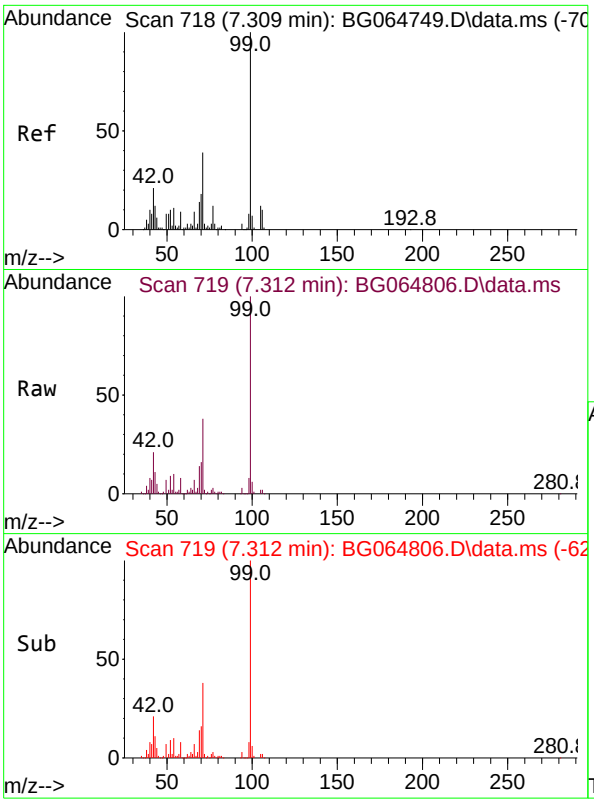




#6
Aniline
Concen: 18.034 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 93 Resp: 83961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 46.8 | 37.7 | 56.5 |
| 65 | 23.6 | 19.1 | 28.7 |

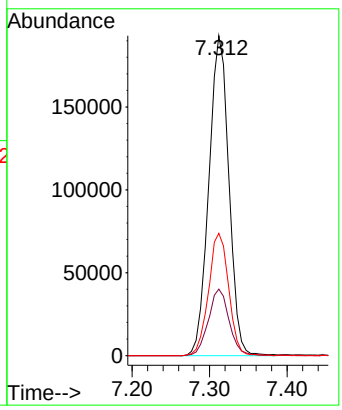





#7
Phenol-d6
Concen: 99.070 ng
RT: 7.312 min Scan# 7
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 99 Resp: 34604

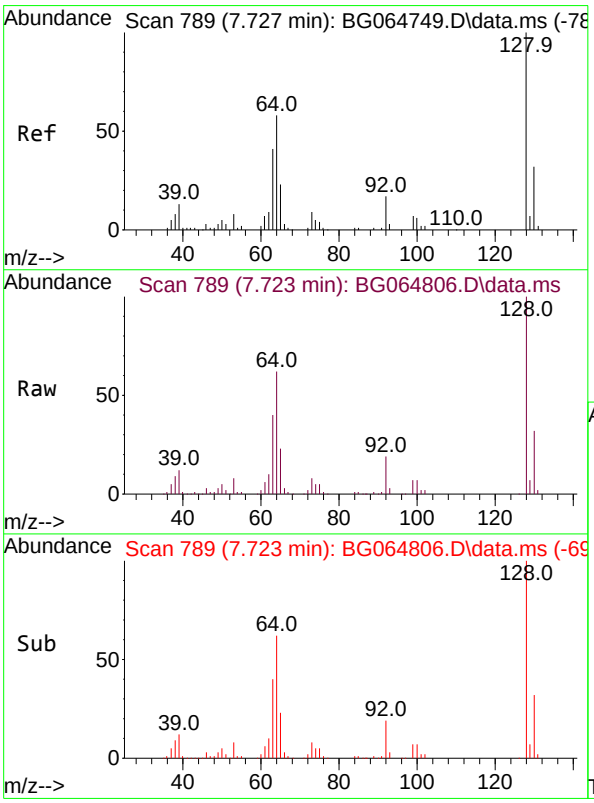
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.8 | 16.8 | 25.2 |
| 71 | 38.2 | 31.1 | 46.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

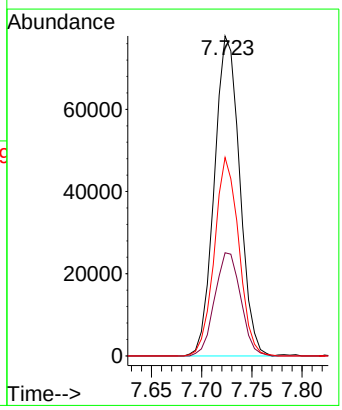
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

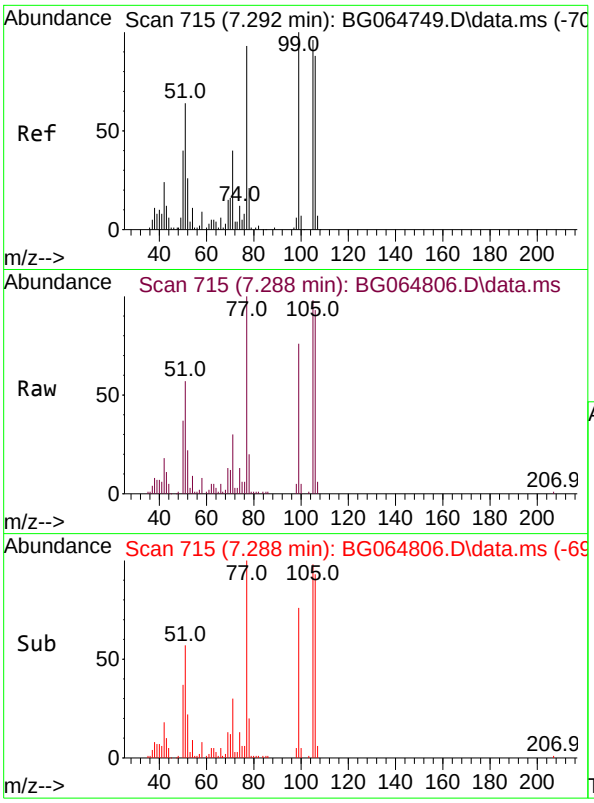



#8
2-Chlorophenol
Concen: 47.429 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:128 Resp: 136768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.2 | 11.9 | 51.9 |
| 64 | 62.0 | 38.4 | 78.4 |

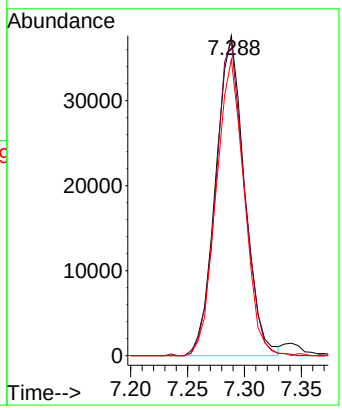





#9
Benzaldehyde
Concen: 28.941 ng
RT: 7.288 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 77 Resp: 6617

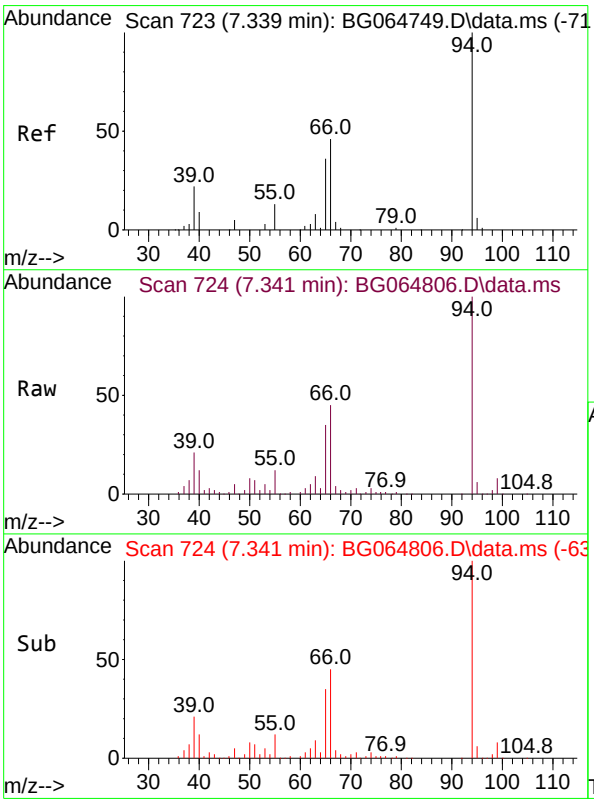
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.1 | 83.8 | 123.8 |
| 106 | 92.5 | 74.3 | 114.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

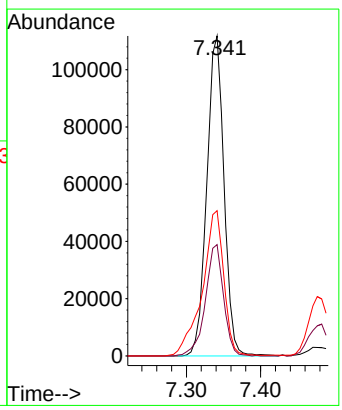
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

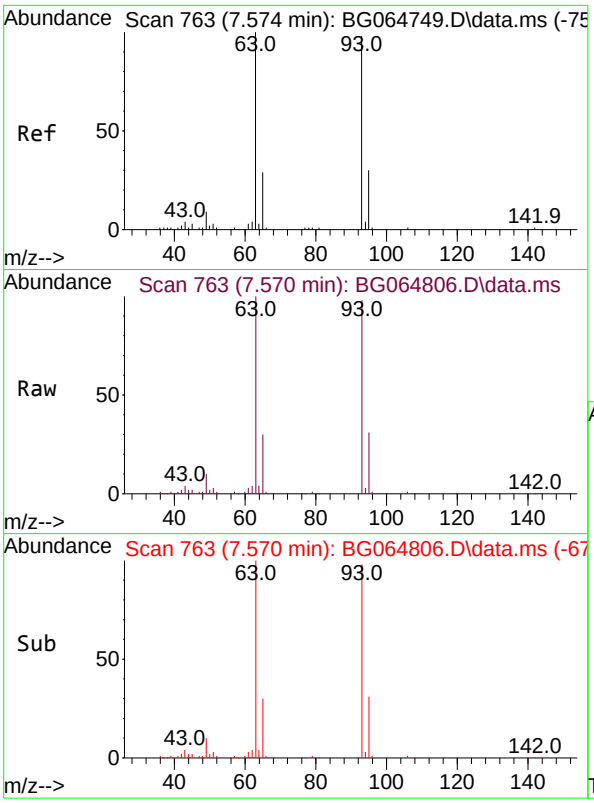



#10
Phenol
Concen: 47.387 ng
RT: 7.341 min Scan# 724
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 94 Resp: 180092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.8 | 17.0 | 57.0 |
| 66 | 45.4 | 29.8 | 69.8 |

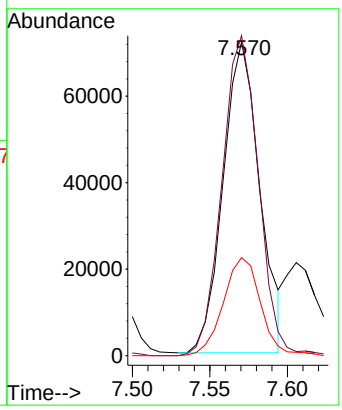





#11
bis(2-Chloroethyl)ether
Concen: 43.685 ng
RT: 7.570 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 93 Resp: 11814

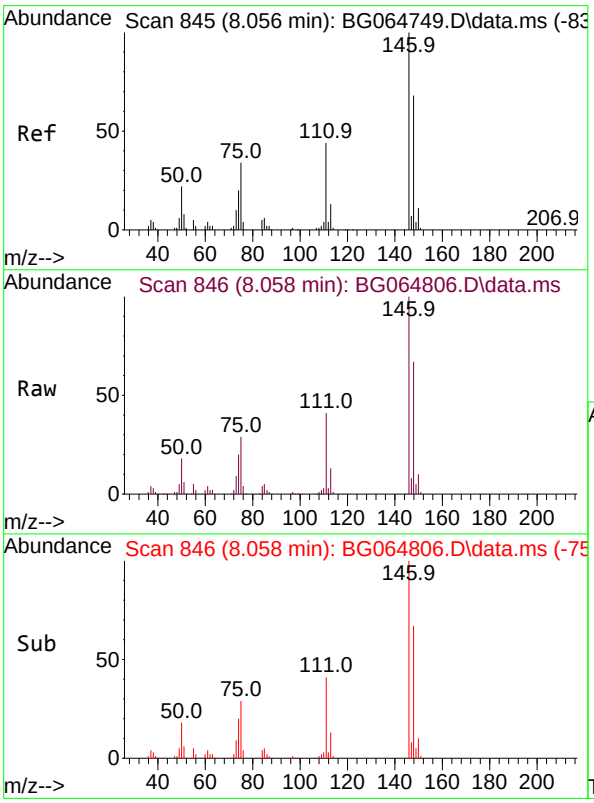
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 102.0 | 81.8 | 121.8 |
| 95 | 31.3 | 10.3 | 50.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

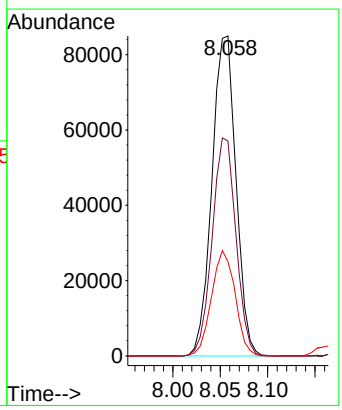
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

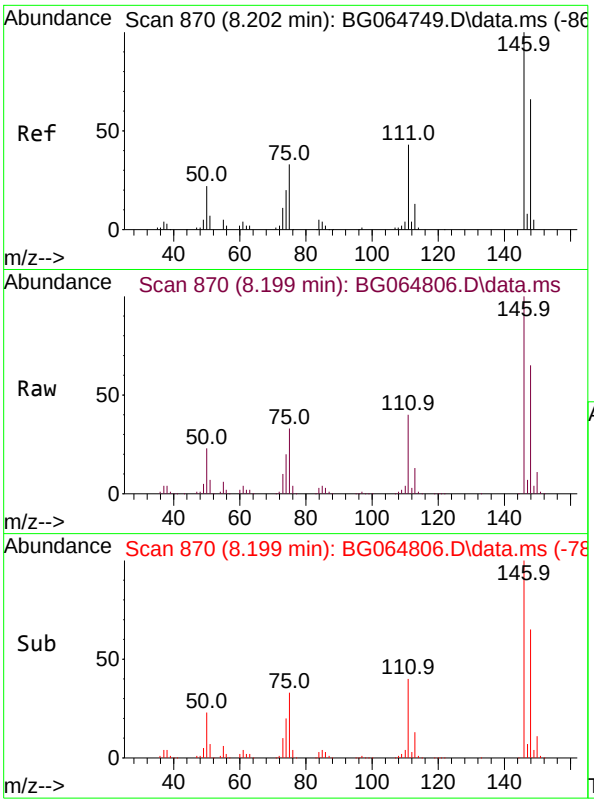



#12
1,3-Dichlorobenzene
Concen: 45.124 ng
RT: 8.058 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:146 Resp: 149728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.2 | 54.6 | 82.0 |
| 75 | 29.4 | 27.6 | 41.4 |

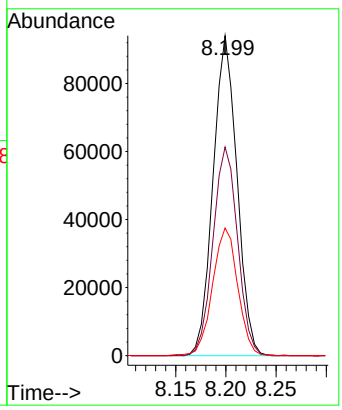





#13
1,4-Dichlorobenzene
Concen: 46.141 ng
RT: 8.199 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:146 Resp: 15589

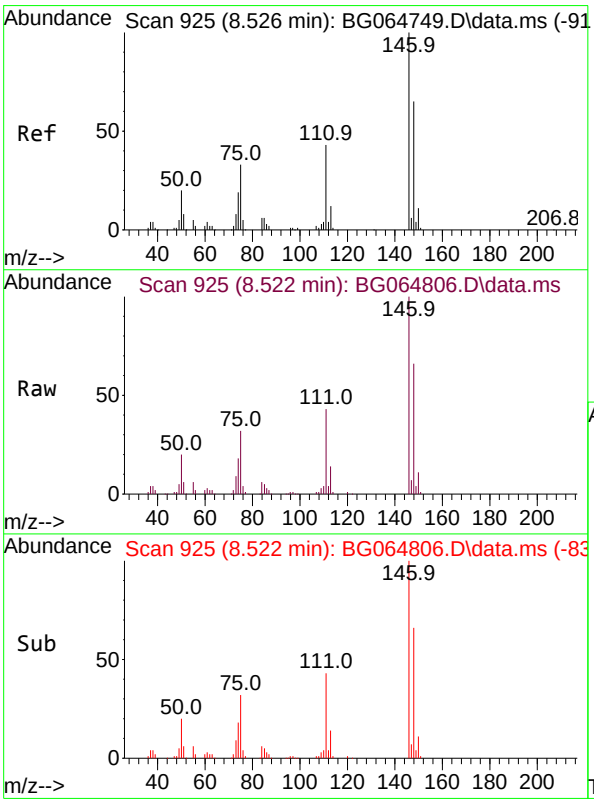
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 53.1 | 79.7 |
| 111 | 39.9 | 34.1 | 51.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

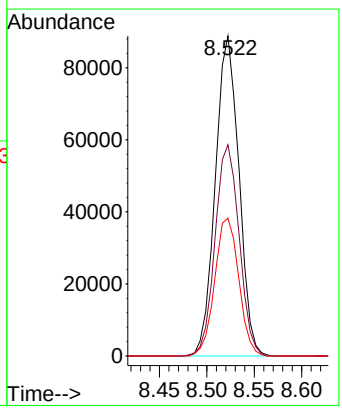
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

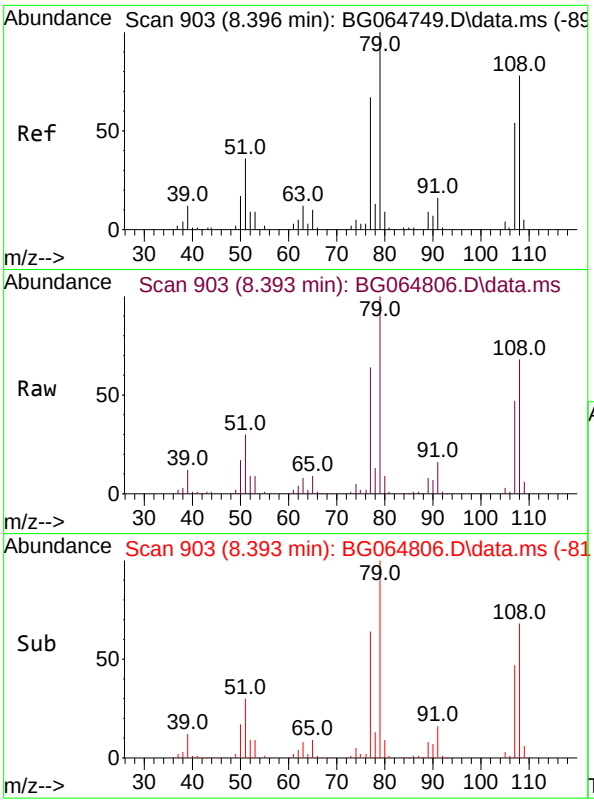



#14
1,2-Dichlorobenzene
Concen: 47.005 ng
RT: 8.522 min Scan# 925
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:146 Resp: 153991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.0 | 52.0 | 78.0 |
| 111 | 43.0 | 34.7 | 52.1 |






#15
Benzyl Alcohol
Concen: 47.526 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

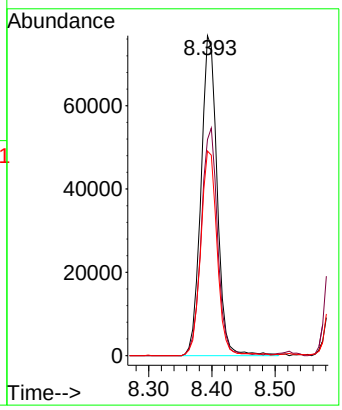
Tgt Ion: 79 Resp: 13626

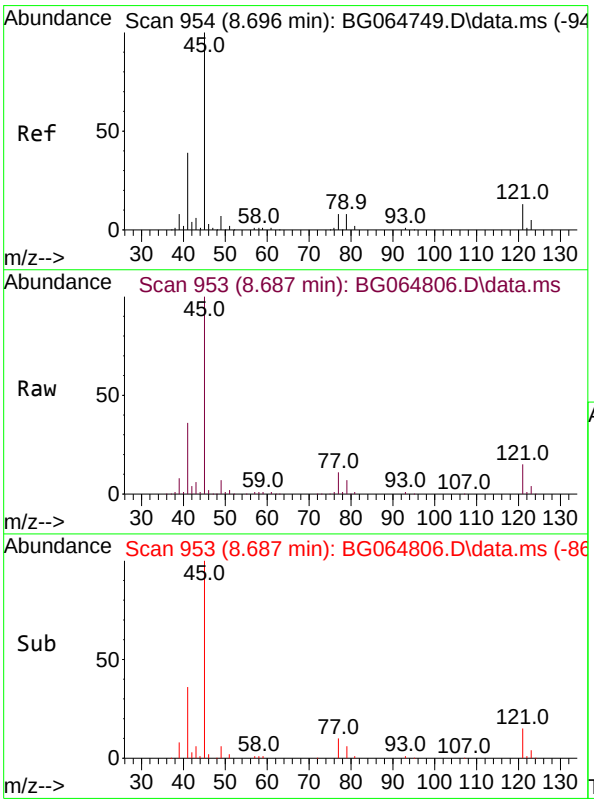
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 67.5 | 62.3 | 93.5 |
| 77 | 63.9 | 53.5 | 80.3 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

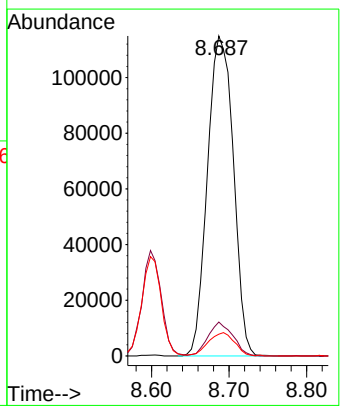


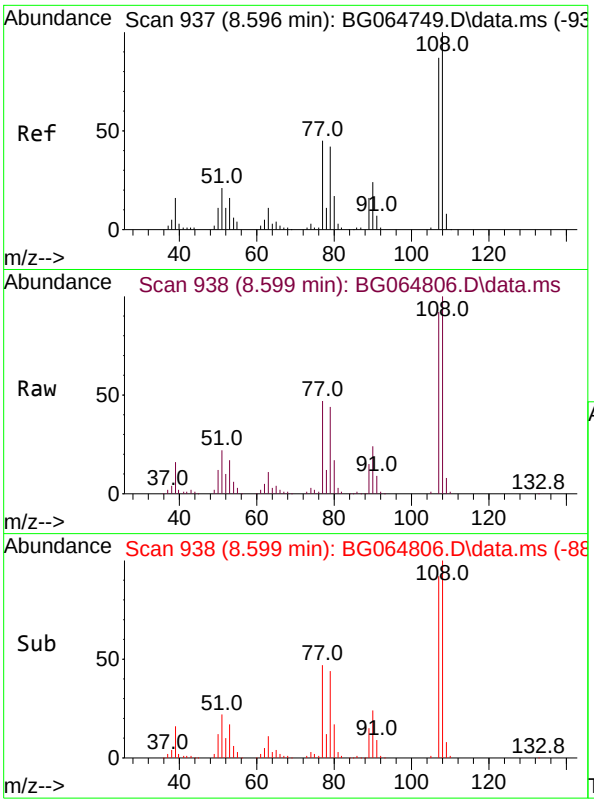




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.782 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 45 Resp: 267455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.6 | 0.0 | 28.8 |
| 79 | 6.8 | 0.0 | 28.1 |

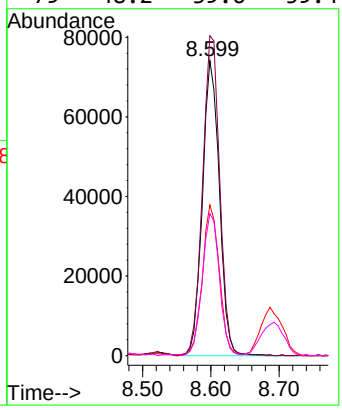





#17
2-Methylphenol
Concen: 47.669 ng
RT: 8.599 min Scan# 9
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:107 Resp: 12818

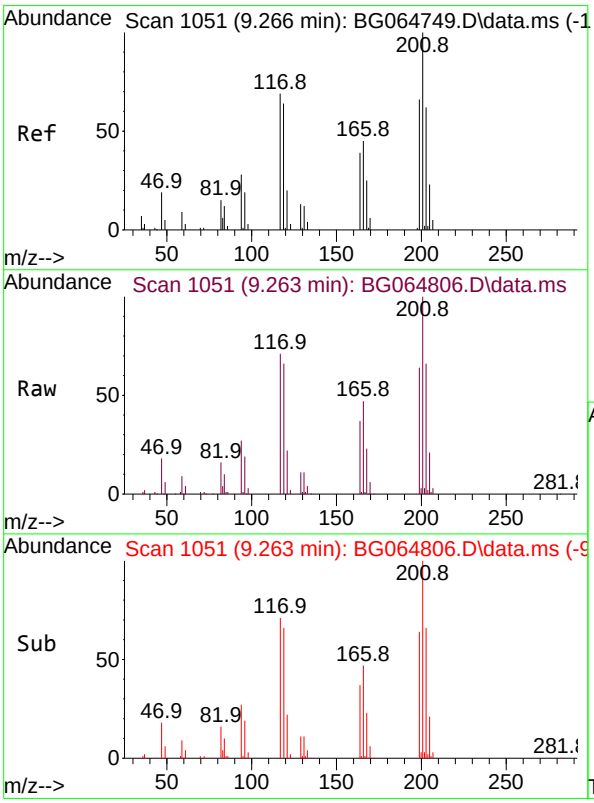
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 108.5 | 92.6 | 138.8 |
| 77 | 51.1 | 41.2 | 61.8 |
| 79 | 48.2 | 39.6 | 59.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

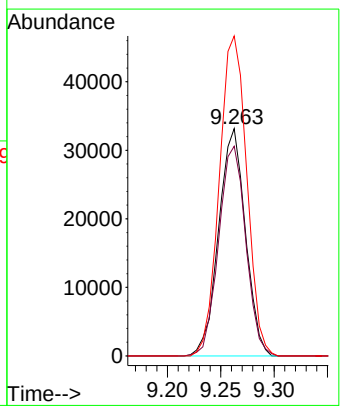
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

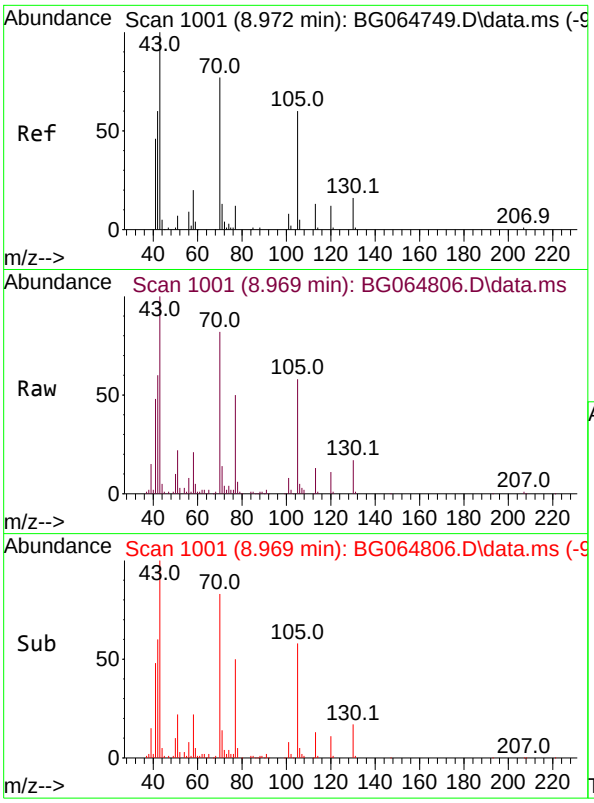



#18
Hexachloroethane
Concen: 45.238 ng
RT: 9.263 min Scan# 1051
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:117 Resp: 57891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.2 | 74.4 | 111.6 |
| 201 | 140.8 | 116.5 | 174.7 |

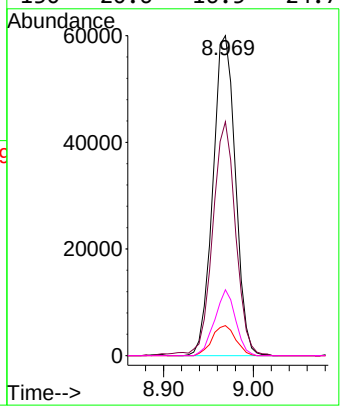





#19
n-Nitroso-di-n-propylamine
Concen: 44.236 ng
RT: 8.969 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 70 Resp: 10447

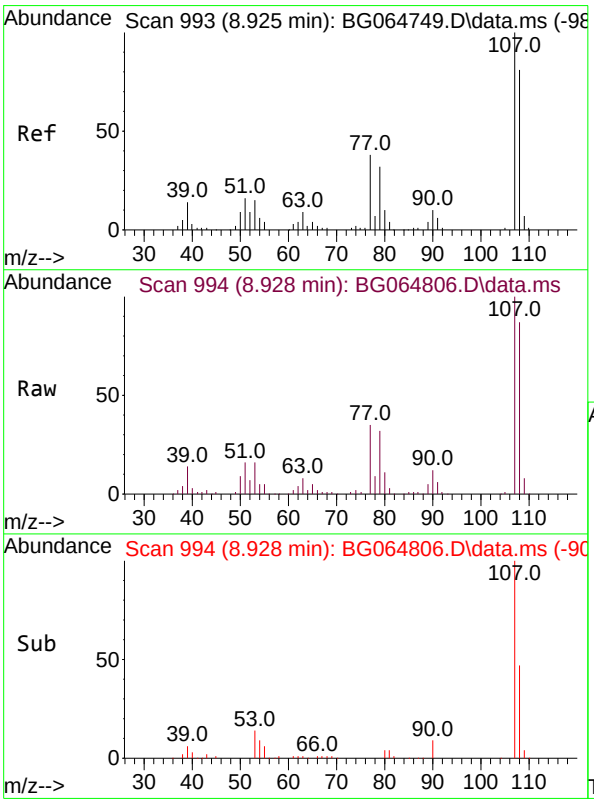
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 73.1 | 62.6 | 93.8 |
| 101 | 9.4 | 8.0 | 12.0 |
| 130 | 20.6 | 16.5 | 24.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

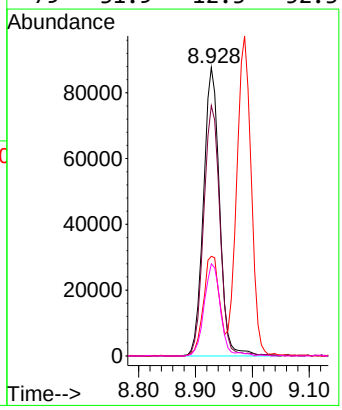
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

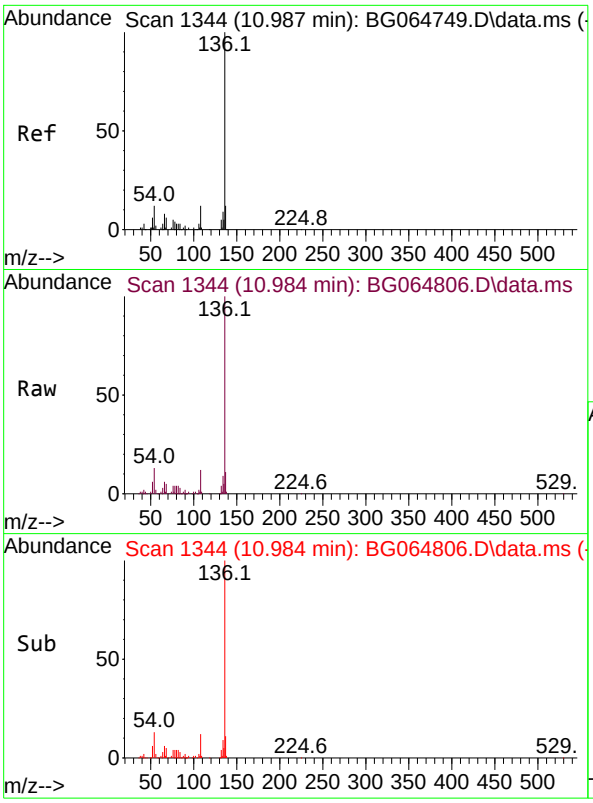



#20
3+4-Methylphenols
Concen: 46.779 ng
RT: 8.928 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:107 Resp: 172329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.8 | 61.0 | 101.0 |
| 77 | 34.6 | 17.6 | 57.6 |
| 79 | 31.9 | 12.3 | 52.3 |

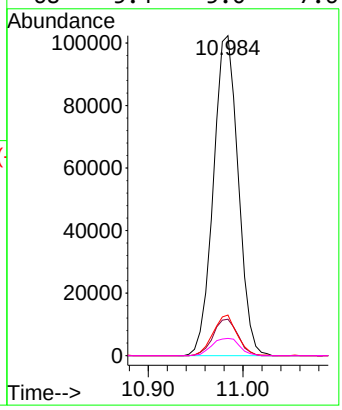





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:136 Resp: 18586

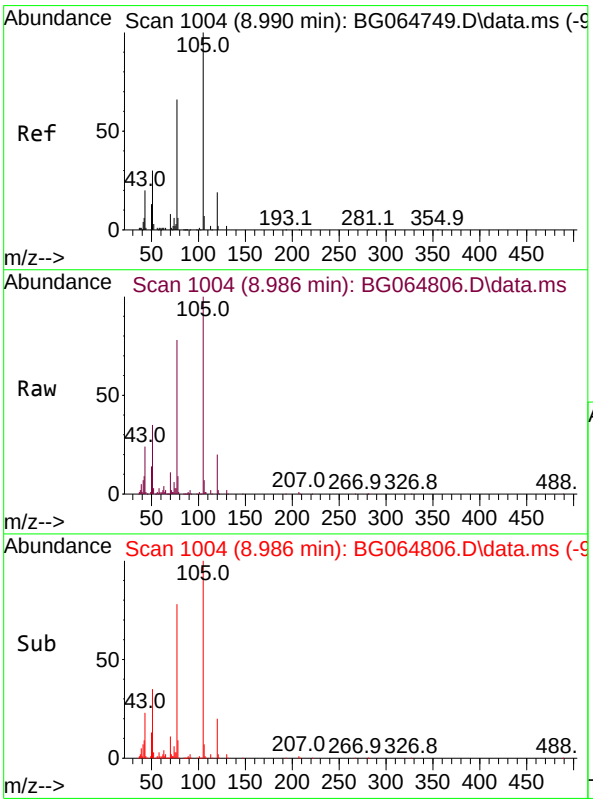
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.3 | 13.9 |
| 54 | 12.7 | 9.3 | 13.9 |
| 68 | 5.4 | 5.0 | 7.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

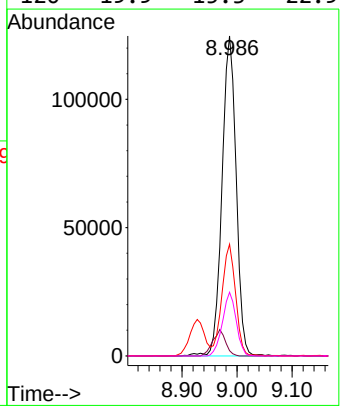
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

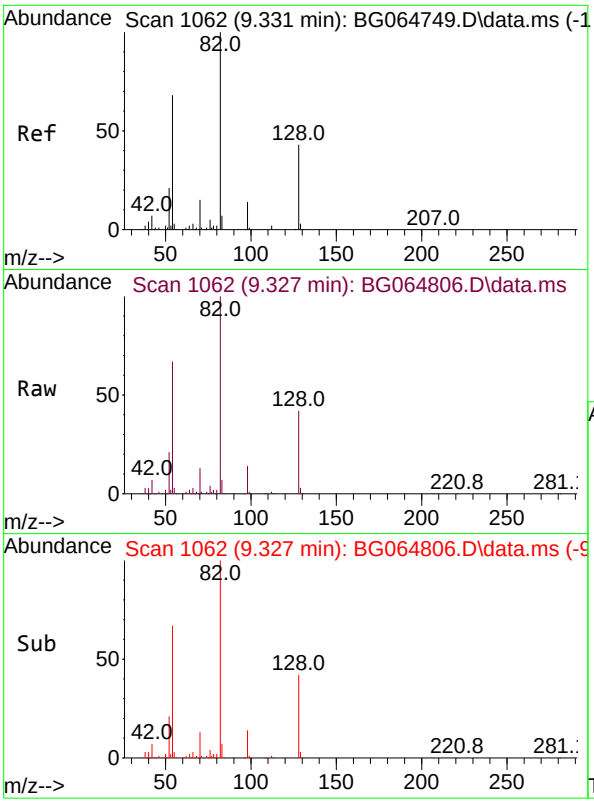



#22
Acetophenone
Concen: 43.855 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:105 Resp: 222070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.6 | 1.3 | 1.9 |
| 51 | 34.9 | 27.9 | 41.9 |
| 120 | 19.9 | 15.3 | 22.9 |

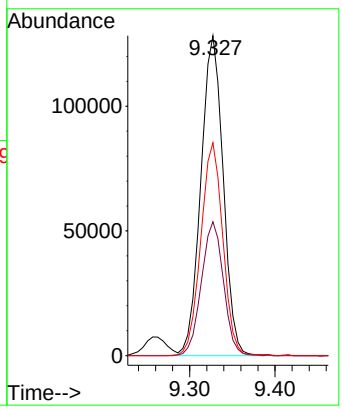





#23
Nitrobenzene-d5
Concen: 61.863 ng
RT: 9.327 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 82 Resp: 23255

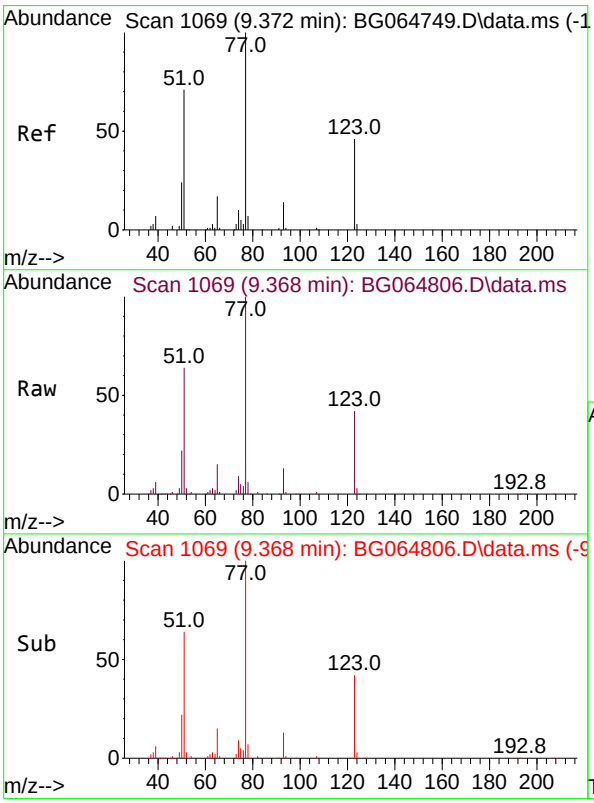
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.8 | 34.1 | 51.1 |
| 54 | 66.5 | 54.3 | 81.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

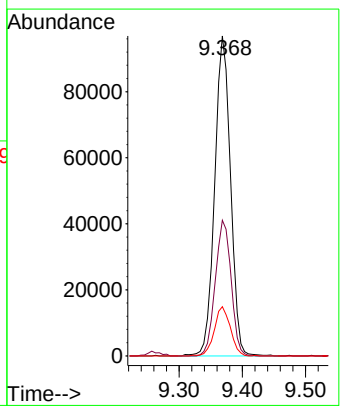
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

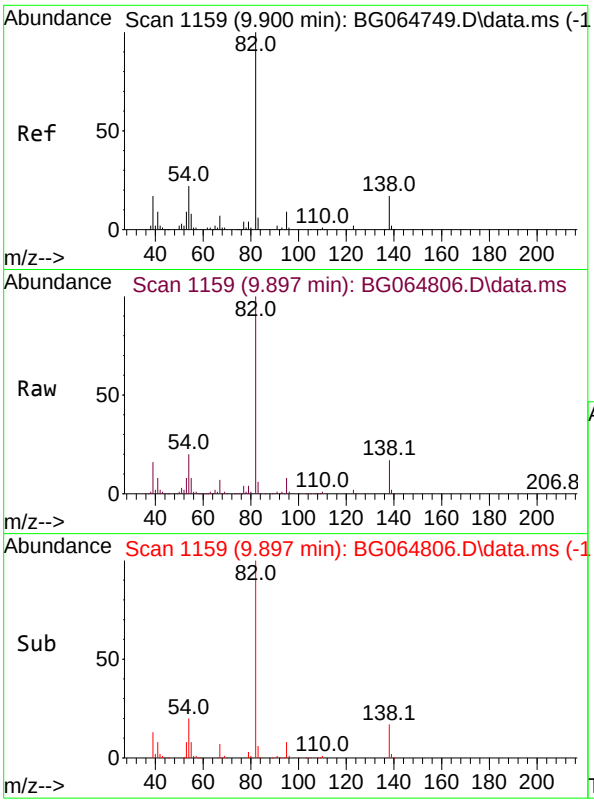



#24
Nitrobenzene
Concen: 44.387 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 77 Resp: 168595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 42.4 | 36.5 | 54.7 |
| 65 | 15.4 | 13.5 | 20.3 |






#25
Isophorone
Concen: 42.505 ng
RT: 9.897 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

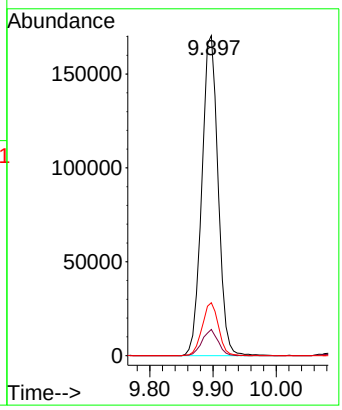
Tgt Ion: 82 Resp: 30427

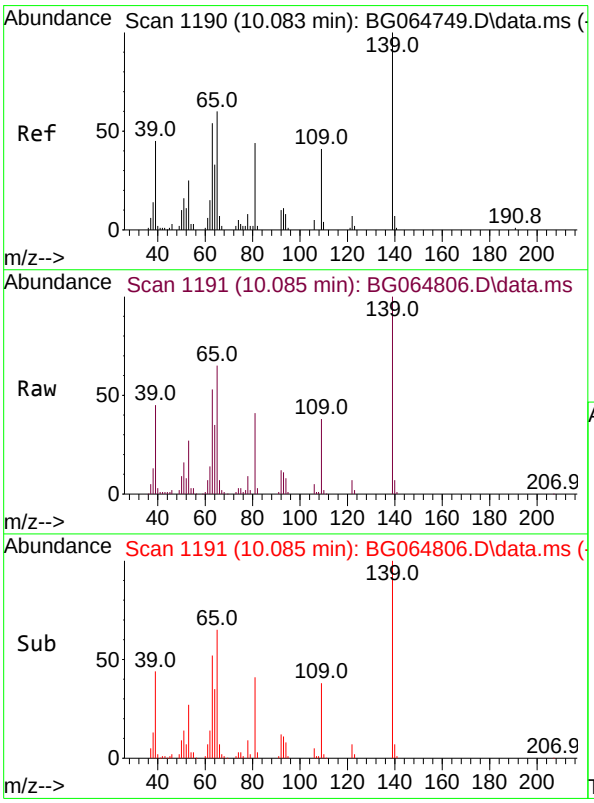
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.2 | 6.9 | 10.3 |
| 138 | 16.5 | 13.9 | 20.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

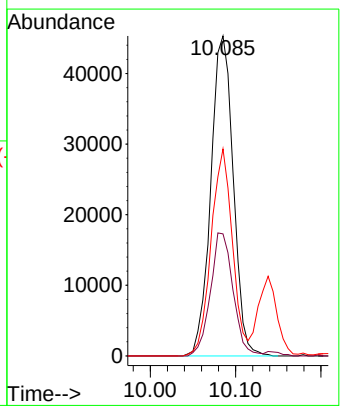


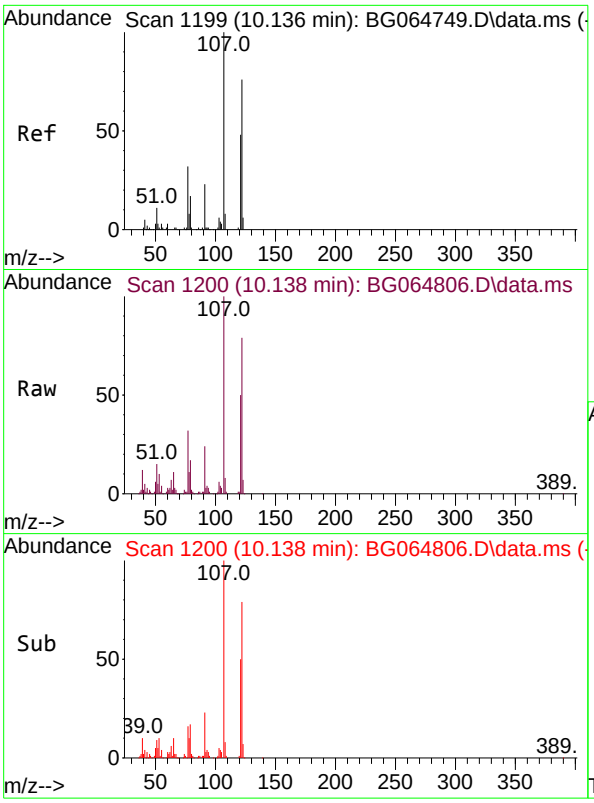




#26
2-Nitrophenol
Concen: 48.537 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:139 Resp: 82924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 38.2 | 32.5 | 48.7 |
| 65 | 64.7 | 47.6 | 71.4 |

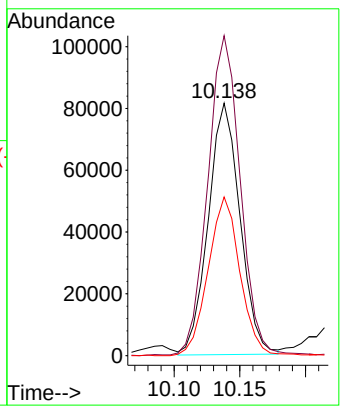





#27
2,4-Dimethylphenol
Concen: 45.158 ng
RT: 10.138 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:122 Resp: 13706

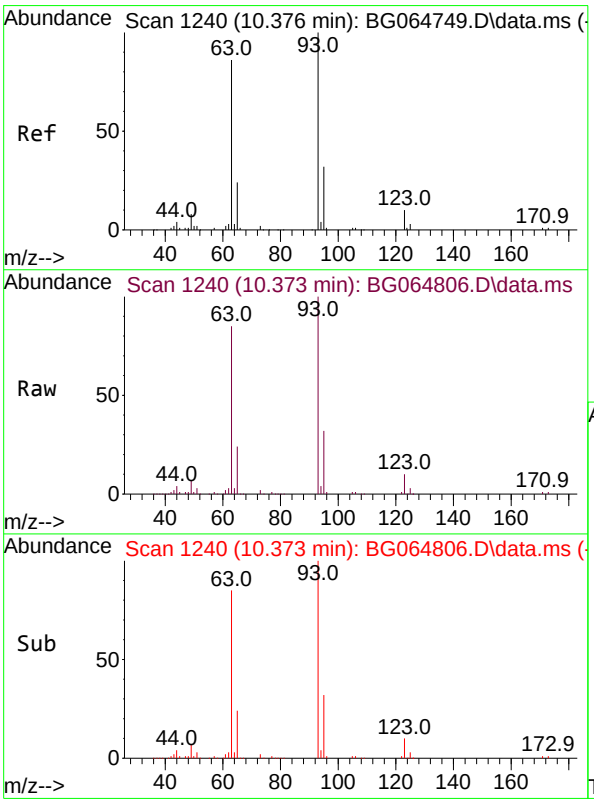
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 126.8 | 102.5 | 153.7 |
| 121 | 62.9 | 49.0 | 73.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

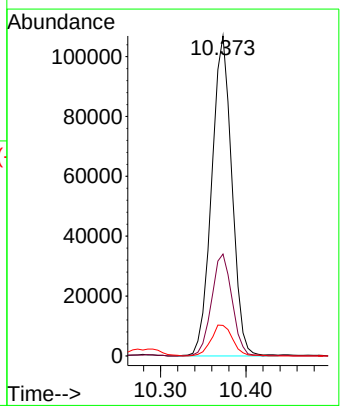
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

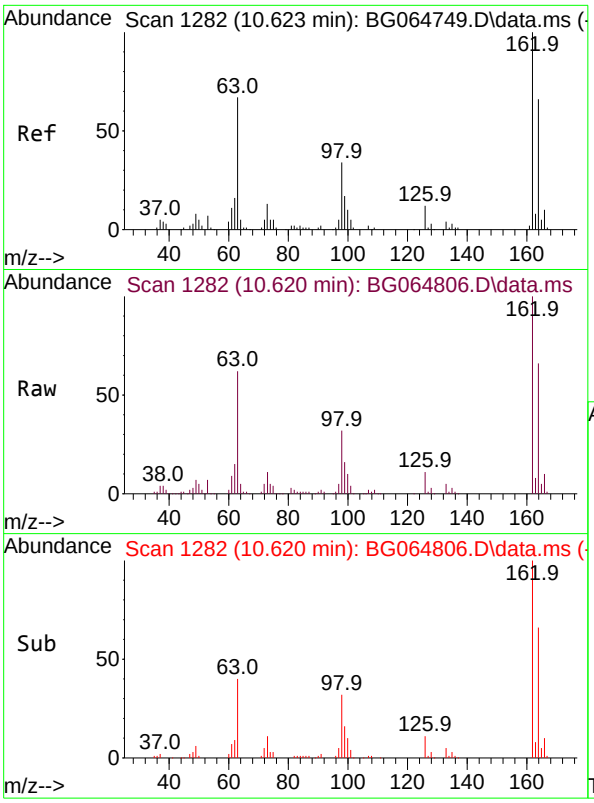



#28
bis(2-Chloroethoxy)methane
Concen: 44.731 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 93 Resp: 175795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.8 | 25.4 | 38.2 |
| 123 | 9.5 | 8.1 | 12.1 |

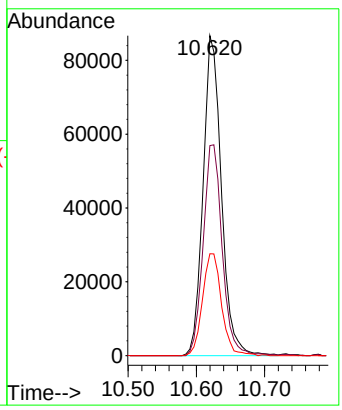





#29
2,4-Dichlorophenol
Concen: 49.677 ng
RT: 10.620 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:162 Resp: 16187

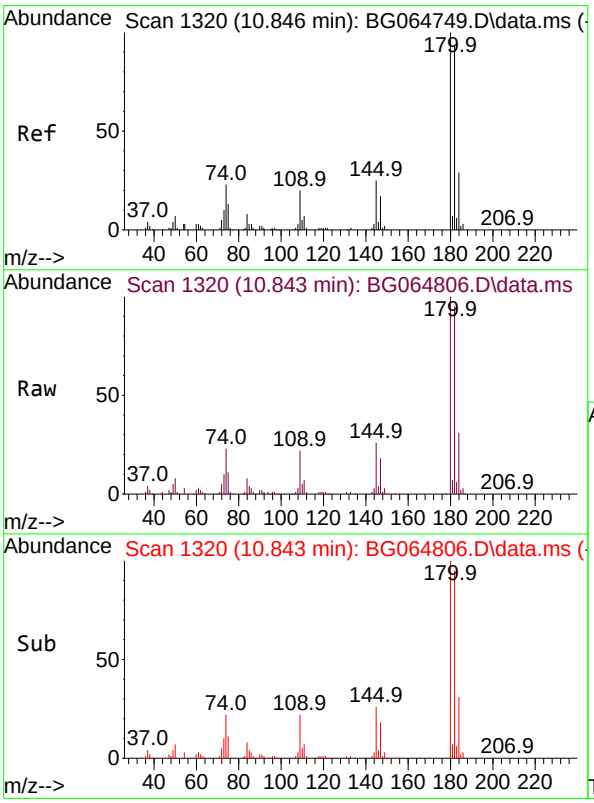
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.6 | 46.0 | 86.0 |
| 98 | 31.8 | 14.2 | 54.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

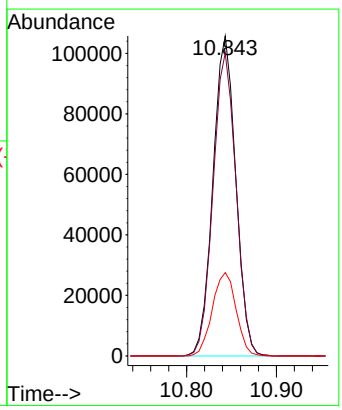
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

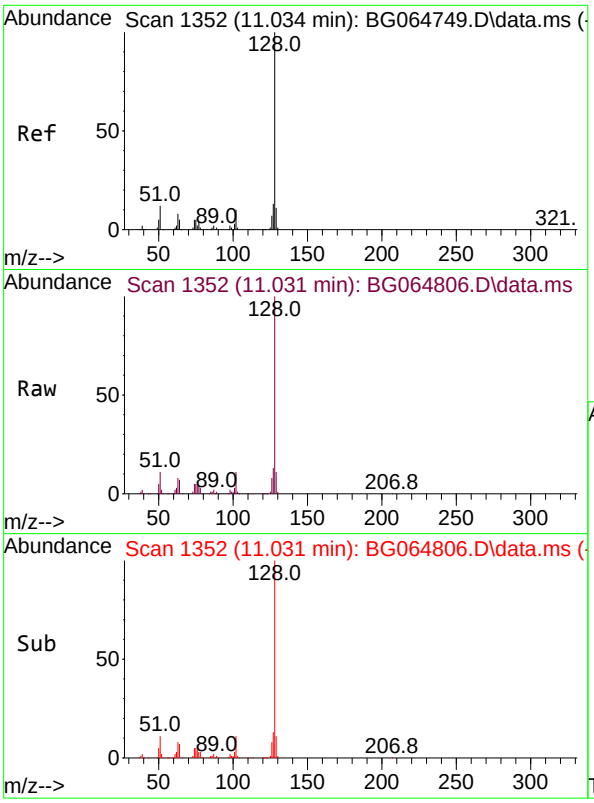



#30
1,2,4-Trichlorobenzene
Concen: 47.477 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:180 Resp: 186815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.7 | 74.2 | 111.4 |
| 145 | 26.0 | 20.0 | 30.0 |

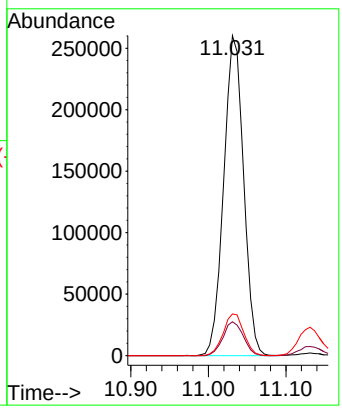





#31
Naphthalene
Concen: 44.122 ng
RT: 11.031 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:128 Resp: 46487

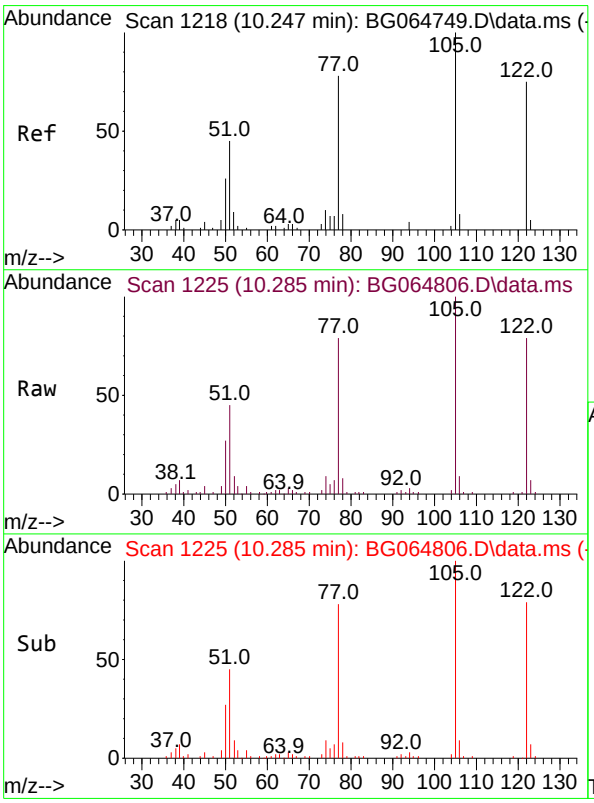
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.6 | 8.6 | 12.8 |
| 127 | 13.1 | 10.6 | 16.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

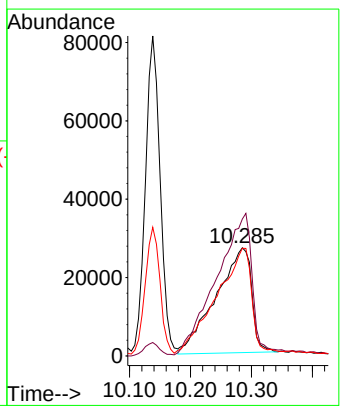
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

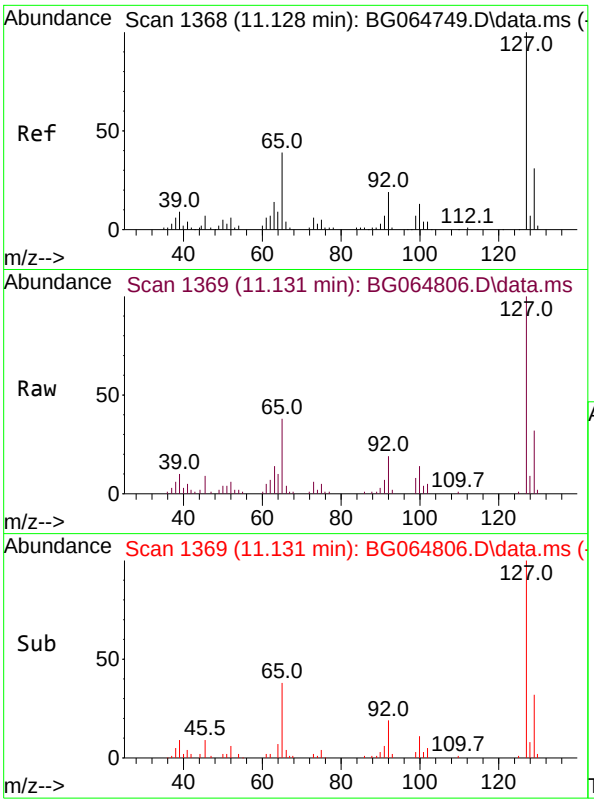



#32
Benzoic acid
Concen: 50.446 ng
RT: 10.285 min Scan# 1225
Delta R.T. 0.038 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:122 Resp: 108794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.6 | 107.6 | 147.6 |
| 77 | 99.7 | 82.5 | 122.5 |

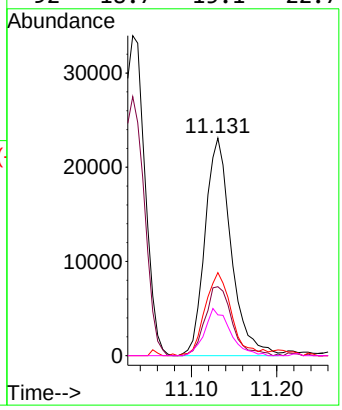





#33
4-Chloroaniline
Concen: 11.700 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:127 Resp: 4931

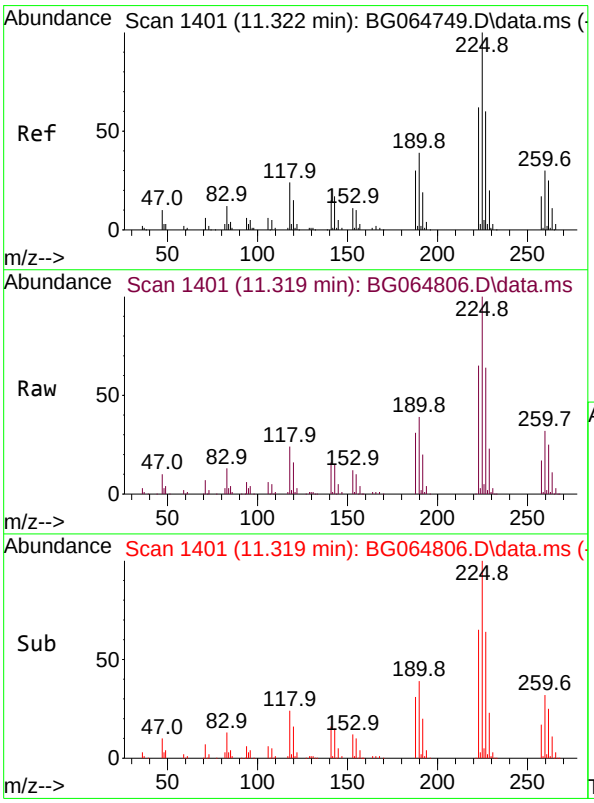
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.7 | 24.9 | 37.3 |
| 65 | 38.2 | 30.9 | 46.3 |
| 92 | 18.7 | 15.1 | 22.7 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

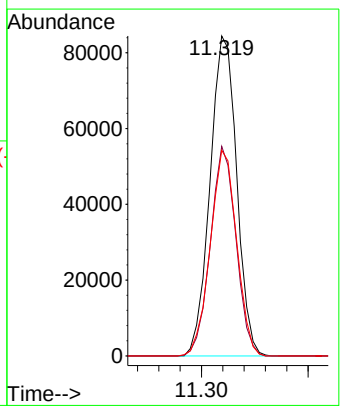
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

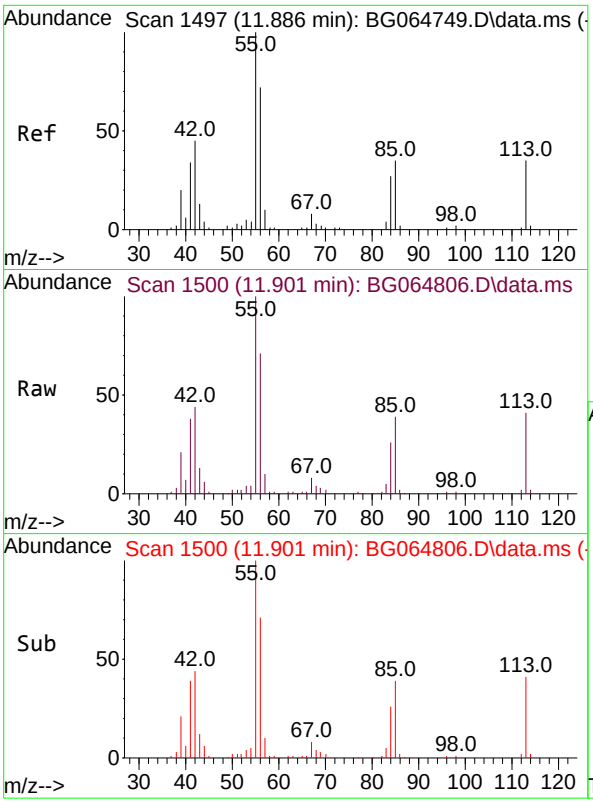



#34
Hexachlorobutadiene
Concen: 43.465 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:225 Resp: 146746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.5 | 49.9 | 74.9 |
| 227 | 64.2 | 50.6 | 75.8 |

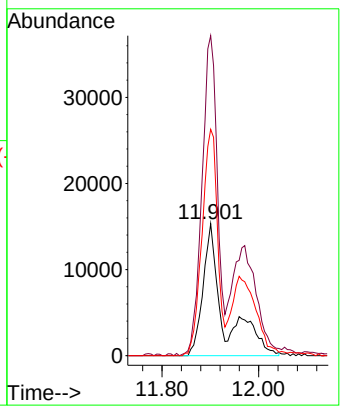





#35
Caprolactam
Concen: 47.495 ng m
RT: 11.901 min Scan# 1
Delta R.T. 0.014 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:113 Resp: 4629

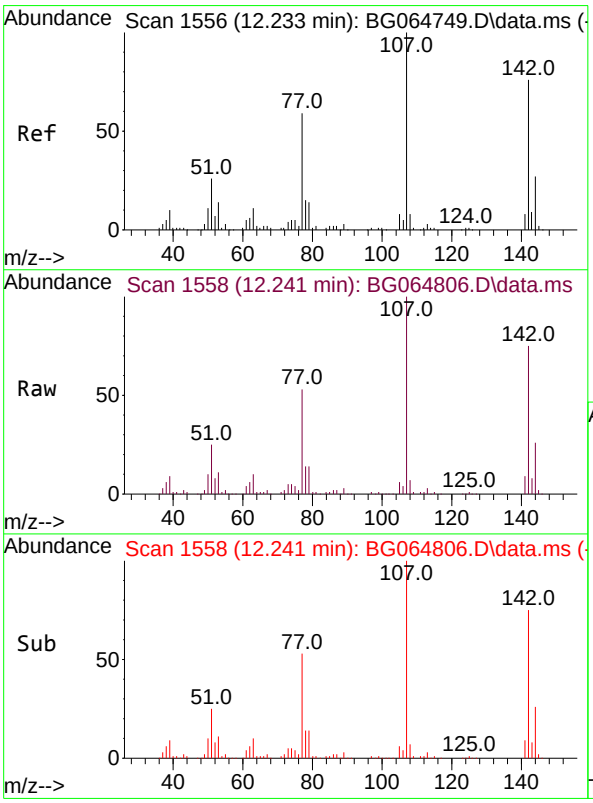
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 242.6 | 263.7 | 303.7# |
| 56 | 171.6 | 184.0 | 224.0# |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

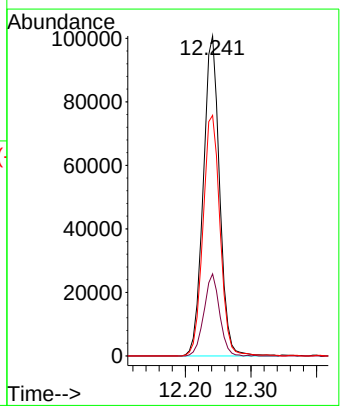
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

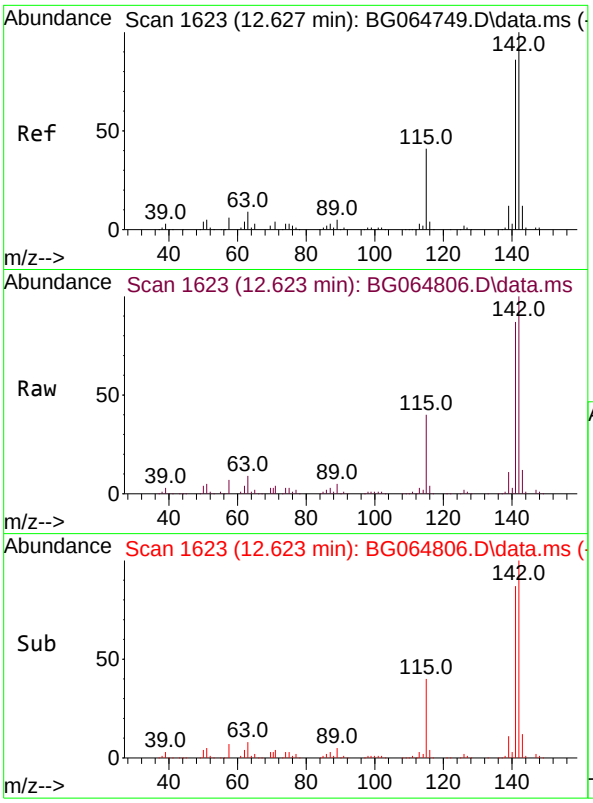



#36
4-Chloro-3-methylphenol
Concen: 47.800 ng
RT: 12.241 min Scan# 1558
Delta R.T. 0.008 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:107 Resp: 173370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.7 | 21.7 | 32.5 |
| 142 | 75.2 | 60.8 | 91.2 |

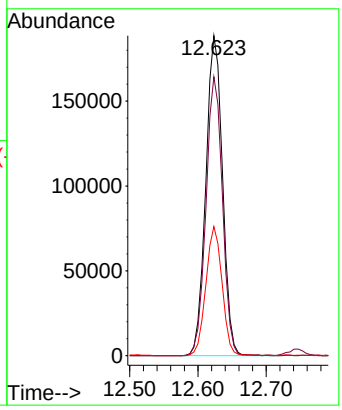





#37
2-Methylnaphthalene
Concen: 40.667 ng
RT: 12.623 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:142 Resp: 32064

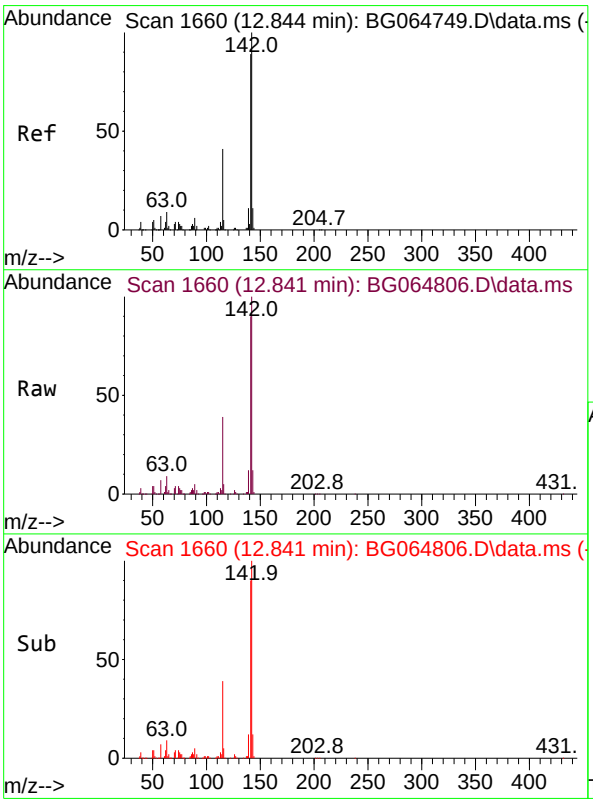
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.1 | 69.1 | 103.7 |
| 115 | 40.3 | 32.9 | 49.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

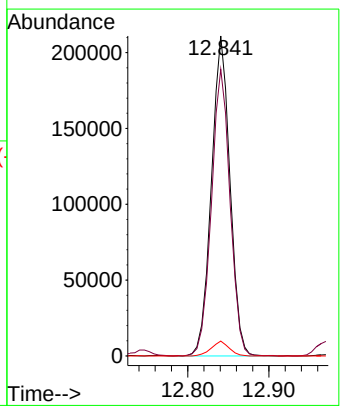
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

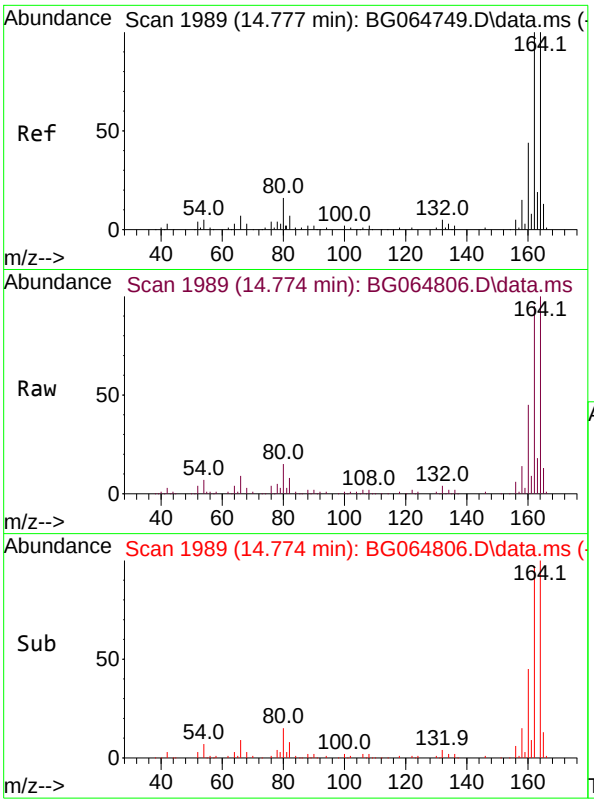



#38
1-Methylnaphthalene
Concen: 42.749 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:142 Resp: 334820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 70.8 | 106.2 |
| 116 | 4.6 | 3.7 | 5.5 |

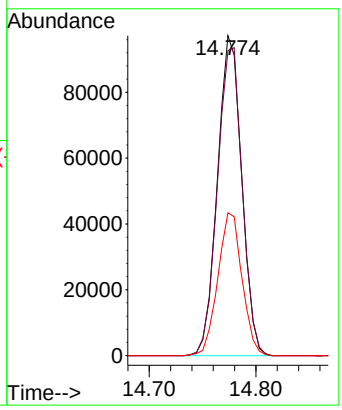





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 19
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:164 Resp: 15371

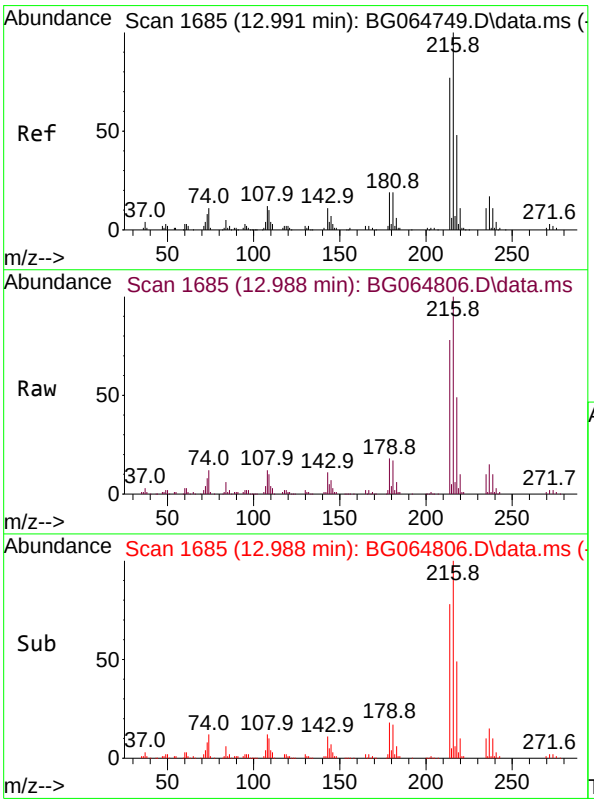
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.3 | 79.8 | 119.6 |
| 160 | 44.6 | 34.9 | 52.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

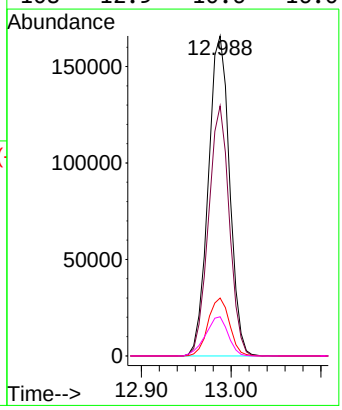
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

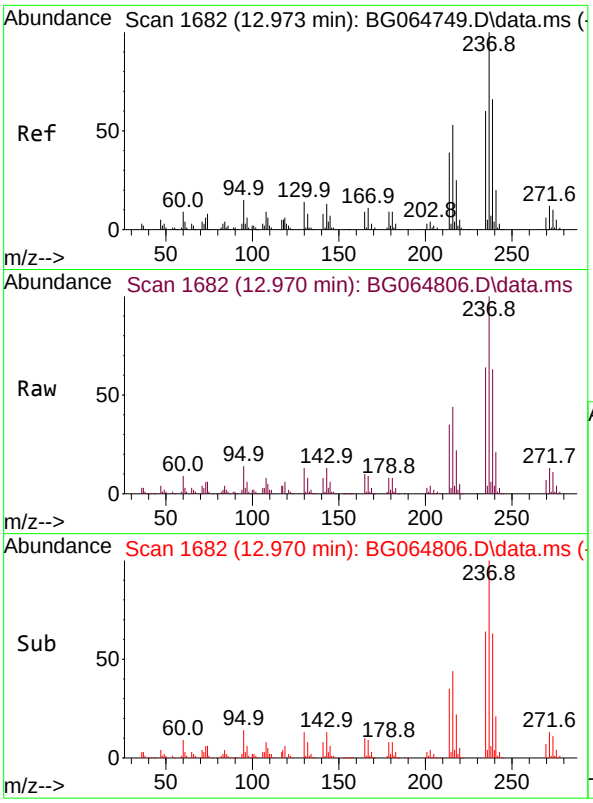



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.656 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:216 Resp: 273123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.4 | 60.5 | 90.7 |
| 179 | 18.2 | 14.7 | 22.1 |
| 108 | 12.9 | 10.6 | 16.0 |






#41
Hexachlorocyclopentadiene
Concen: 42.342 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

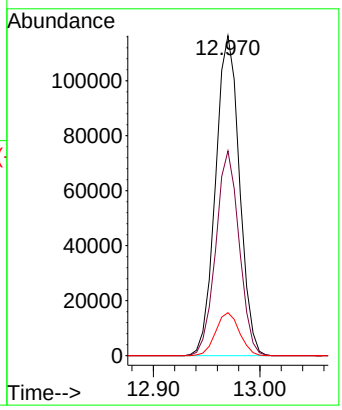
Tgt Ion:237 Resp: 18155

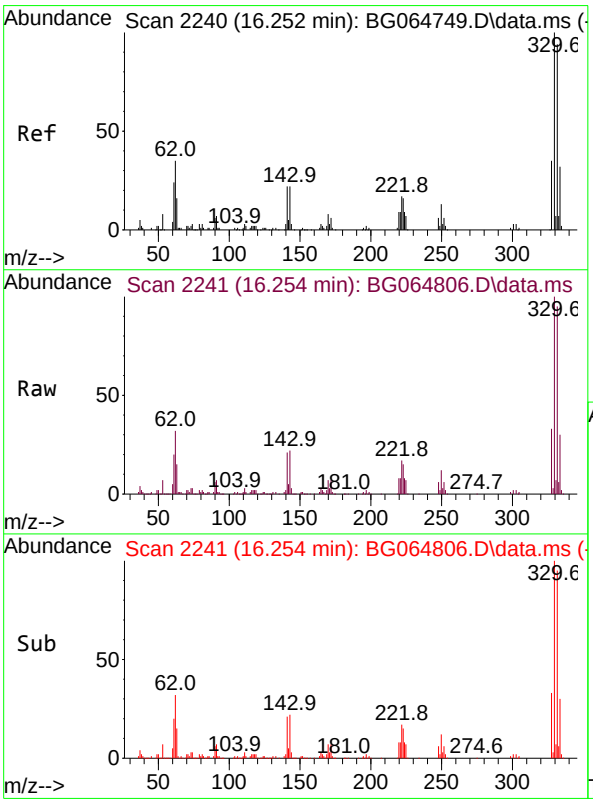
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.0 | 40.2 | 80.2 |
| 272 | 13.4 | 0.0 | 31.9 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

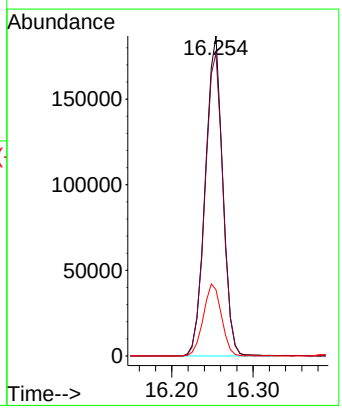


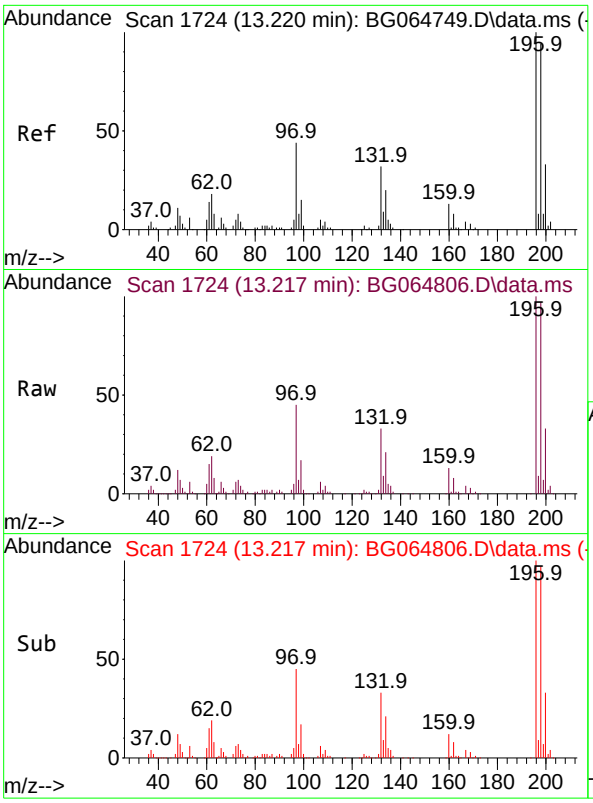




#42
2,4,6-Tribromophenol
Concen: 92.961 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:330 Resp: 278694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 77.0 | 115.6 |
| 141 | 23.3 | 18.2 | 27.2 |

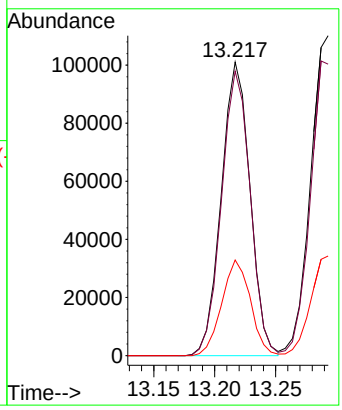





#43
2,4,6-Trichlorophenol
Concen: 47.210 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:196 Resp: 16575

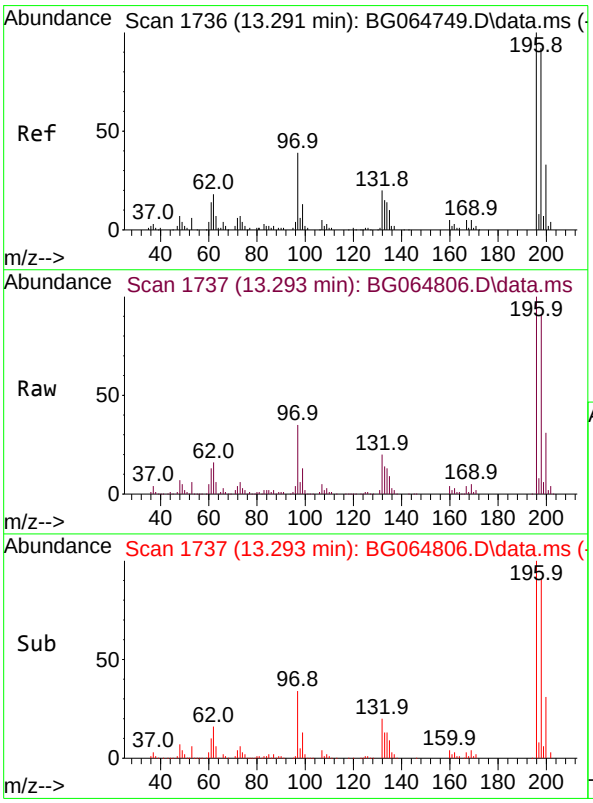
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 75.3 | 112.9 |
| 200 | 32.6 | 26.2 | 39.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

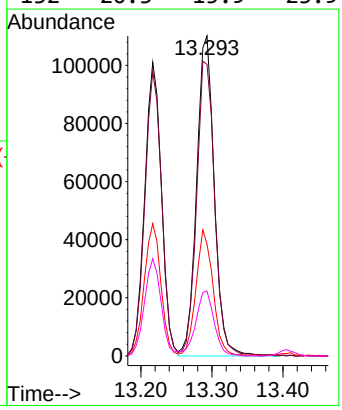
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

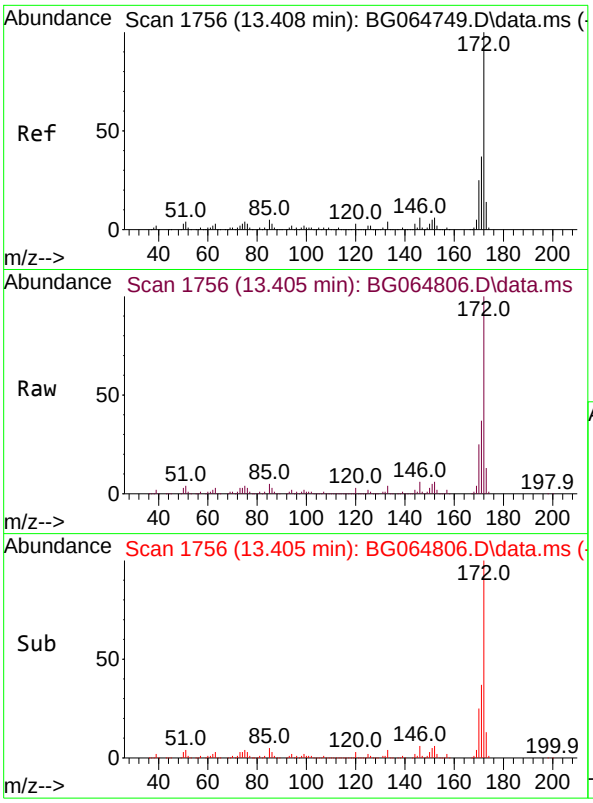



#44
2,4,5-Trichlorophenol
Concen: 48.171 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:196 Resp: 189692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.1 | 73.2 | 109.8 |
| 97 | 34.9 | 31.4 | 47.0 |
| 132 | 20.3 | 15.9 | 23.9 |

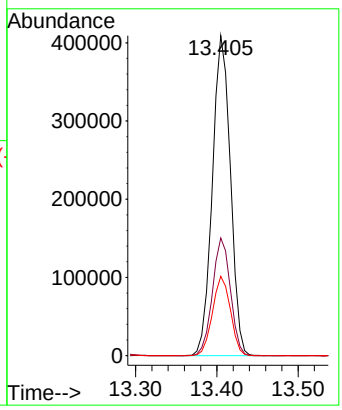





#45
2-Fluorobiphenyl
Concen: 57.298 ng
RT: 13.405 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:172 Resp: 63122

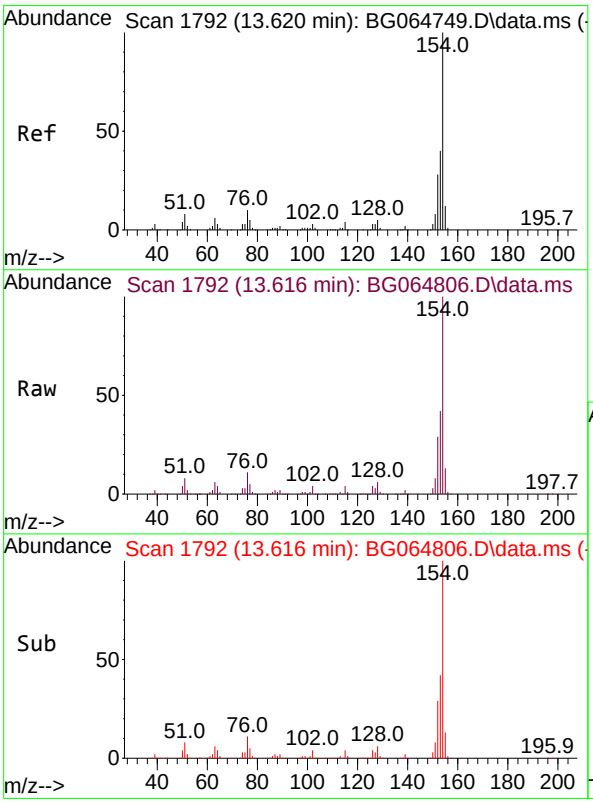
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.9 | 44.9 |
| 170 | 24.8 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

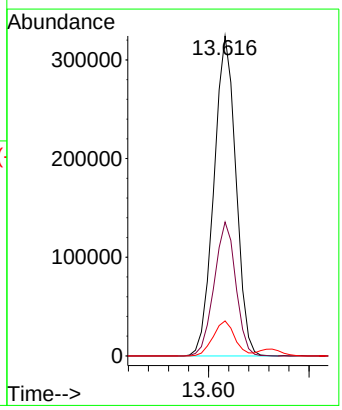
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

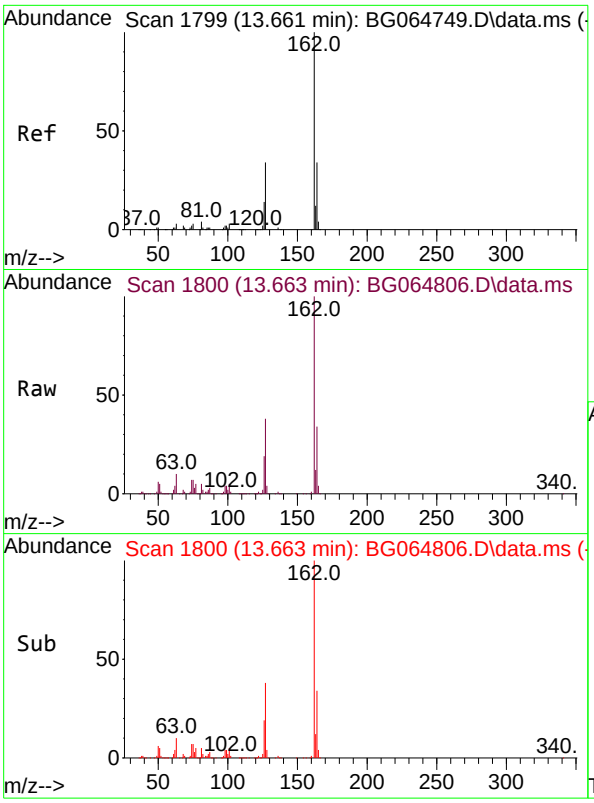



#46
1,1'-Biphenyl
Concen: 44.740 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:154 Resp: 493951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.8 | 19.8 | 59.8 |
| 76 | 10.9 | 0.0 | 30.0 |

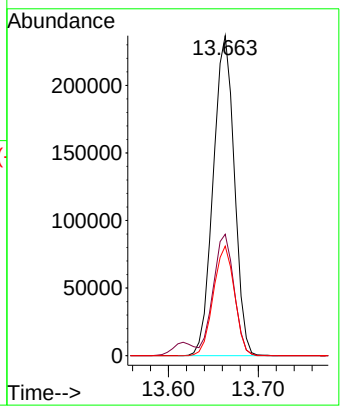





#47
2-Chloronaphthalene
Concen: 44.601 ng
RT: 13.663 min Scan# 18
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:162 Resp: 38793

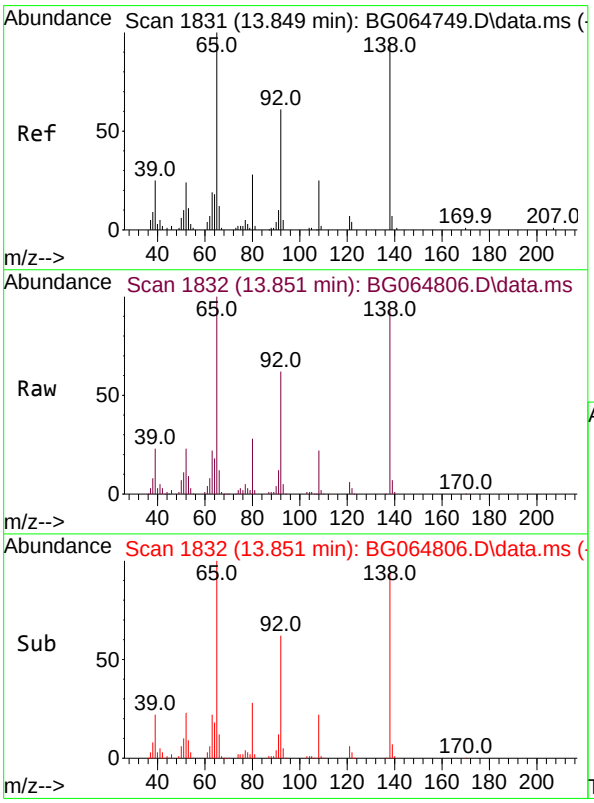
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.9 | 30.3 | 45.5 |
| 164 | 34.3 | 26.8 | 40.2 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

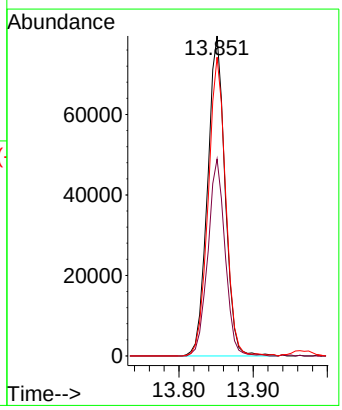
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

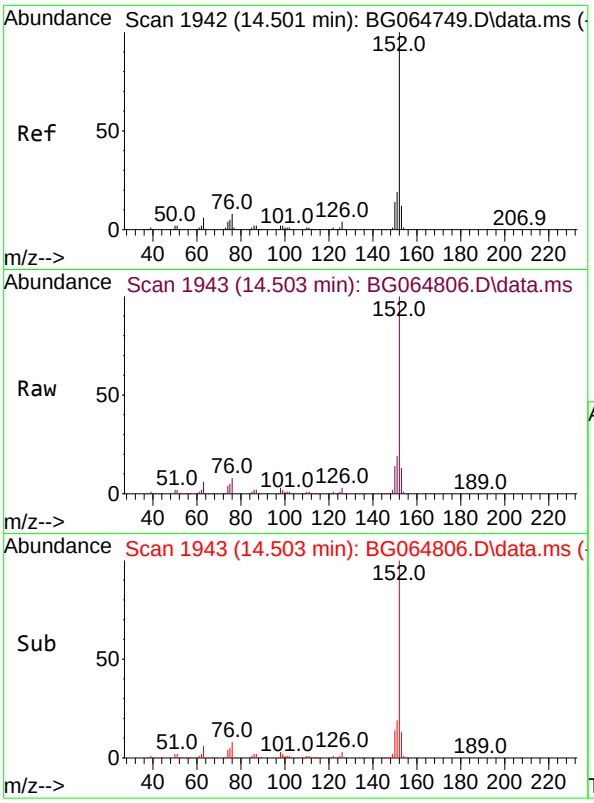



#48
2-Nitroaniline
Concen: 46.542 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 65 Resp: 130207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 61.5 | 48.6 | 73.0 |
| 138 | 93.4 | 76.4 | 114.6 |

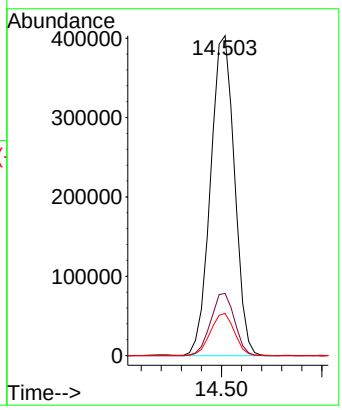





#49
Acenaphthylene
Concen: 45.005 ng
RT: 14.503 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:152 Resp: 66876

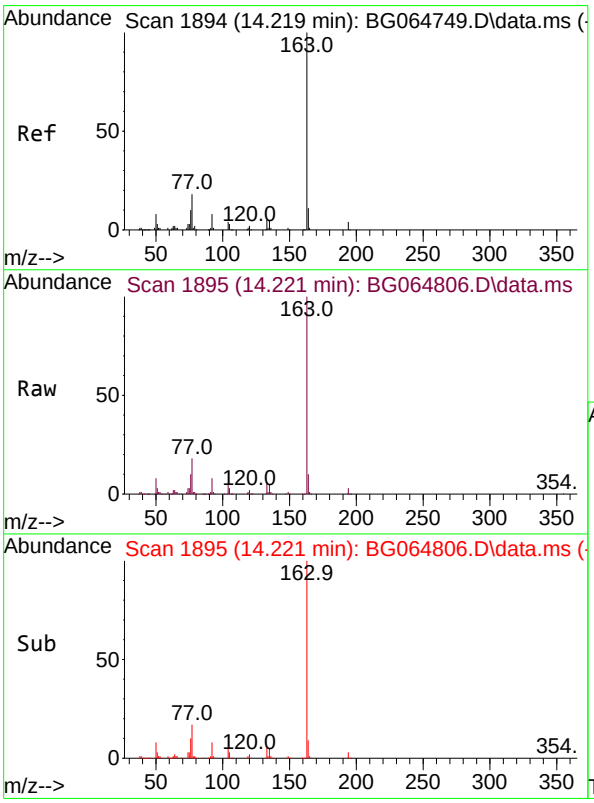
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 15.0 | 22.4 |
| 153 | 13.2 | 9.9 | 14.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

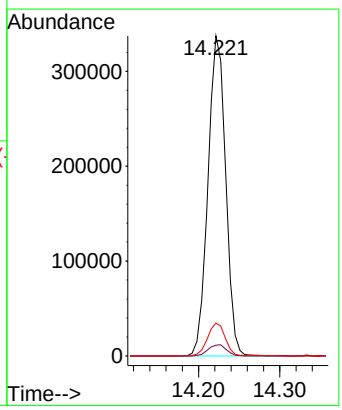
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

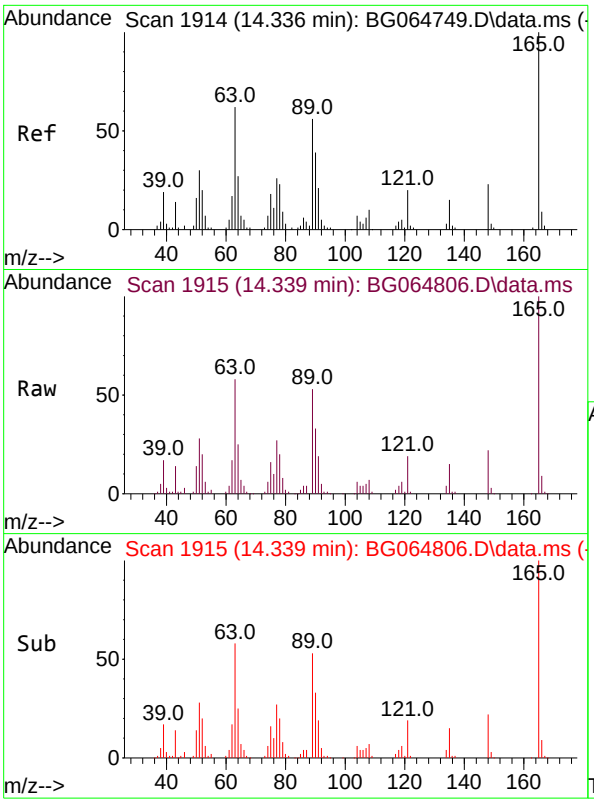



#50
Dimethylphthalate
Concen: 42.060 ng
RT: 14.221 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:163 Resp: 510718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 3.1 | 4.7 |
| 164 | 10.2 | 8.6 | 12.8 |

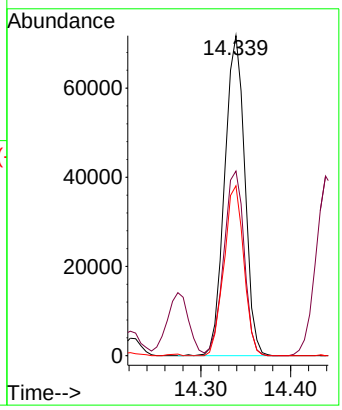





#51
2,6-Dinitrotoluene
Concen: 47.913 ng
RT: 14.339 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:165 Resp: 11195

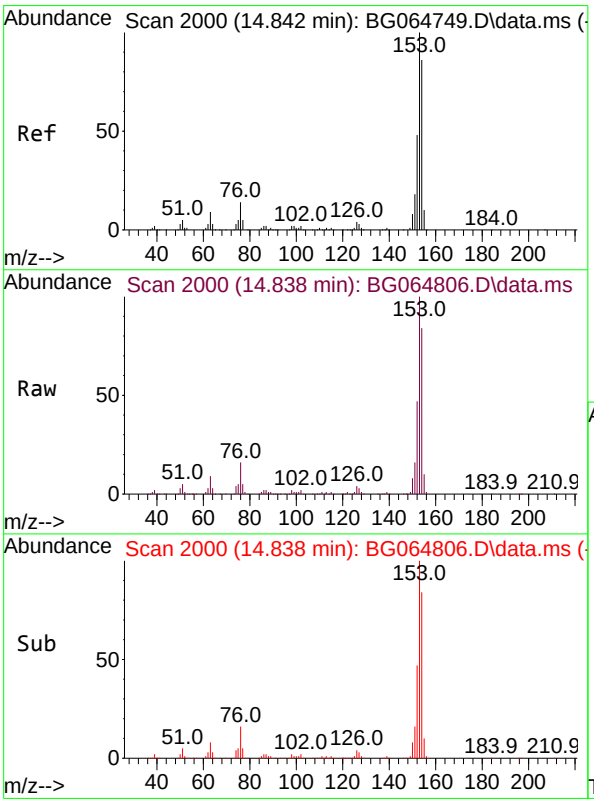
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.7 | 49.8 | 74.8 |
| 89 | 53.1 | 45.0 | 67.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

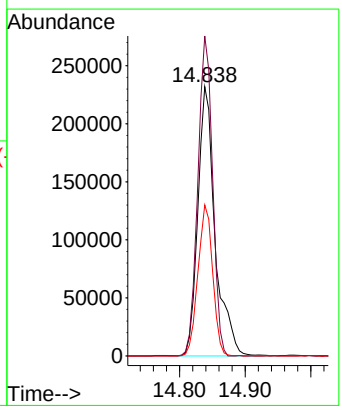
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

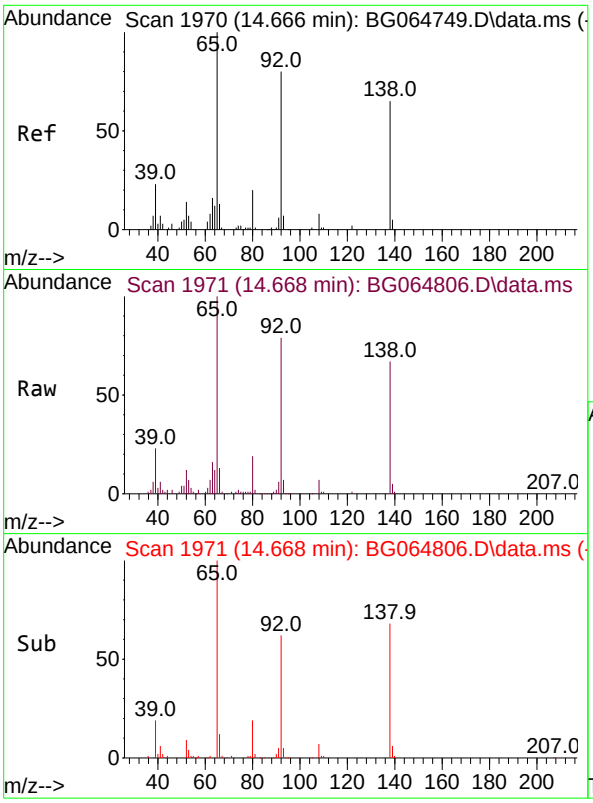



#52
Acenaphthene
Concen: 47.593 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:154 Resp: 424042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 118.8 | 93.0 | 139.4 |
| 152 | 56.0 | 44.4 | 66.6 |

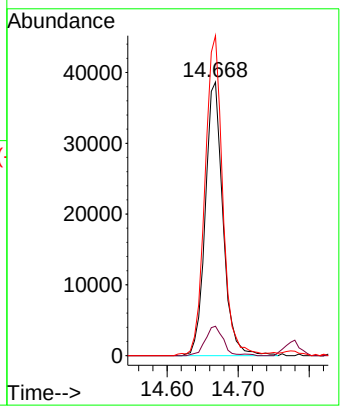





#53
3-Nitroaniline
Concen: 28.758 ng
RT: 14.668 min Scan# 19
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:138 Resp: 6632

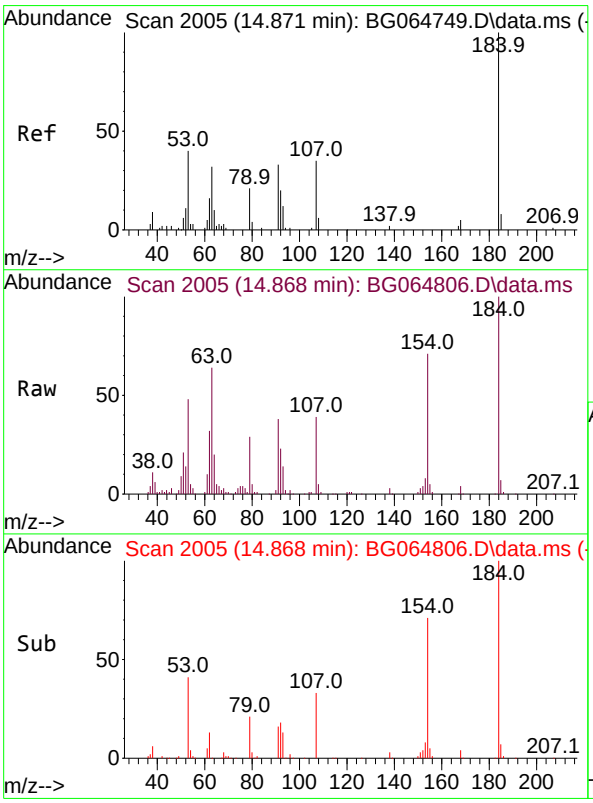
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 9.5 | 14.3 |
| 92 | 117.0 | 99.0 | 148.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

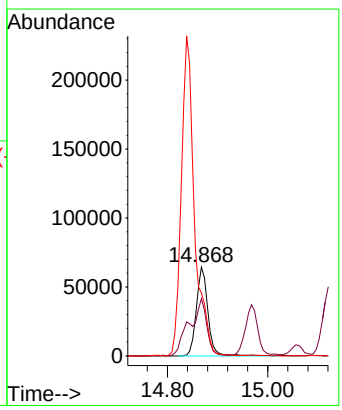
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

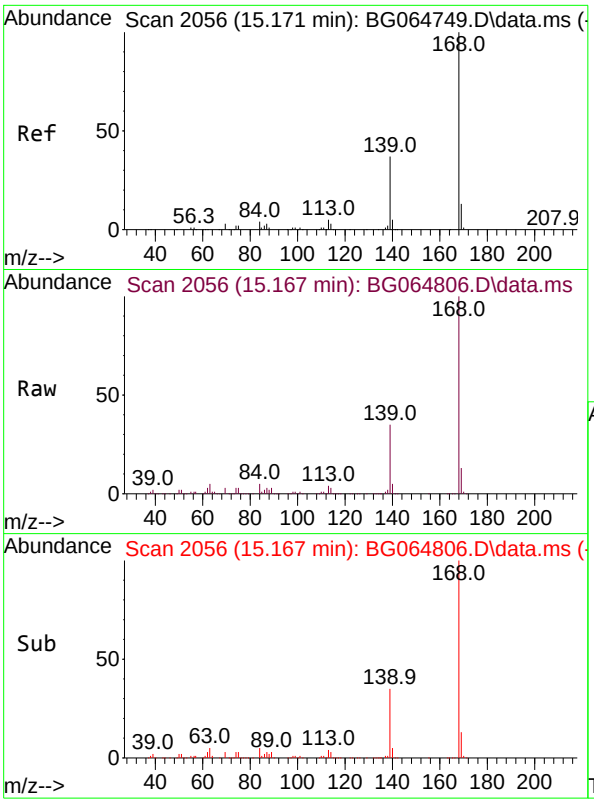



#54
2,4-Dinitrophenol
Concen: 65.869 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:184 Resp: 102708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 64.5 | 45.8 | 68.6 |
| 154 | 70.9 | 52.6 | 78.8 |

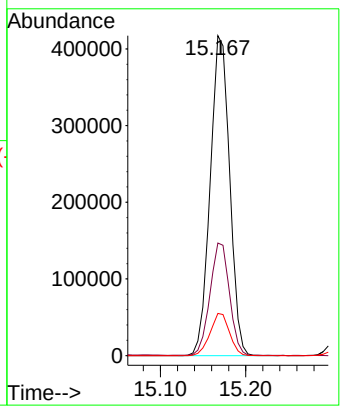





#55
Dibenzofuran
Concen: 44.813 ng
RT: 15.167 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:168 Resp: 66009

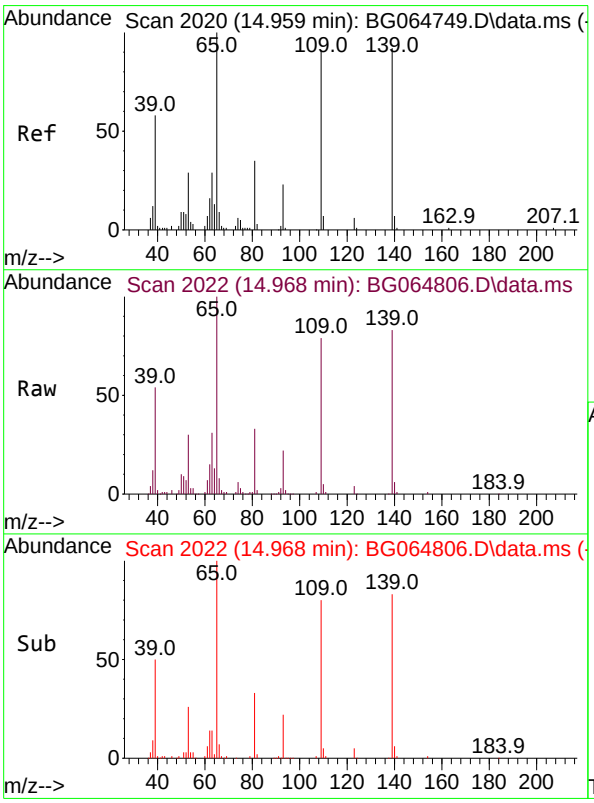
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.2 | 29.5 | 44.3 |
| 169 | 13.2 | 10.4 | 15.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

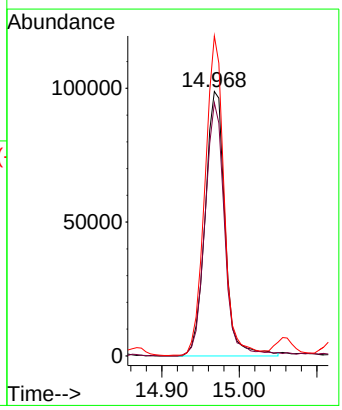
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

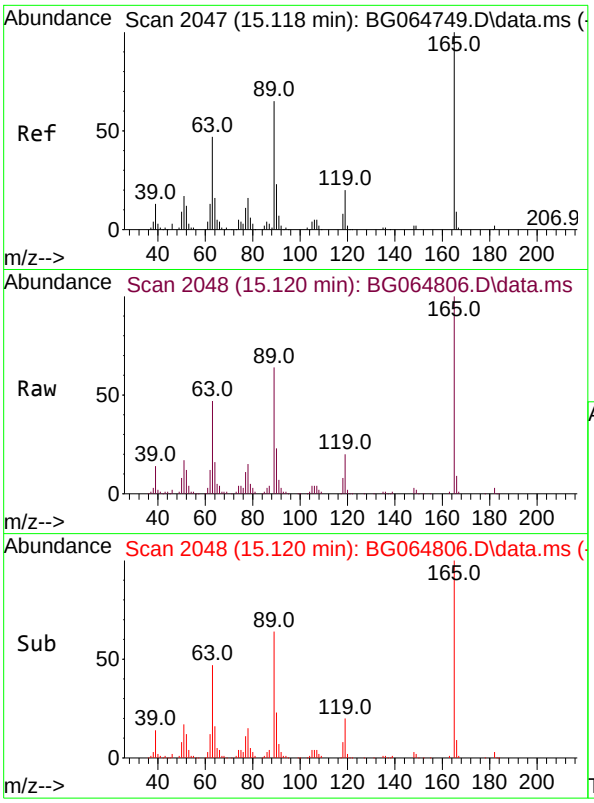



#56
4-Nitrophenol
Concen: 96.115 ng
RT: 14.968 min Scan# 2022
Delta R.T. 0.008 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:139 Resp: 175859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 95.7 | 79.7 | 119.7 |
| 65 | 121.0 | 89.9 | 129.9 |

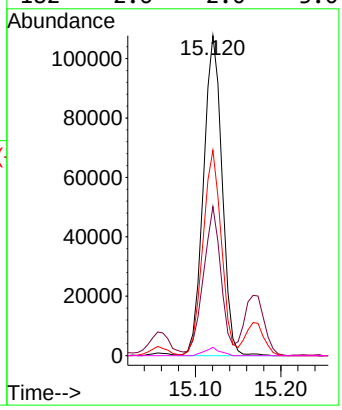





#57
2,4-Dinitrotoluene
Concen: 46.520 ng
RT: 15.120 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:165 Resp: 16295

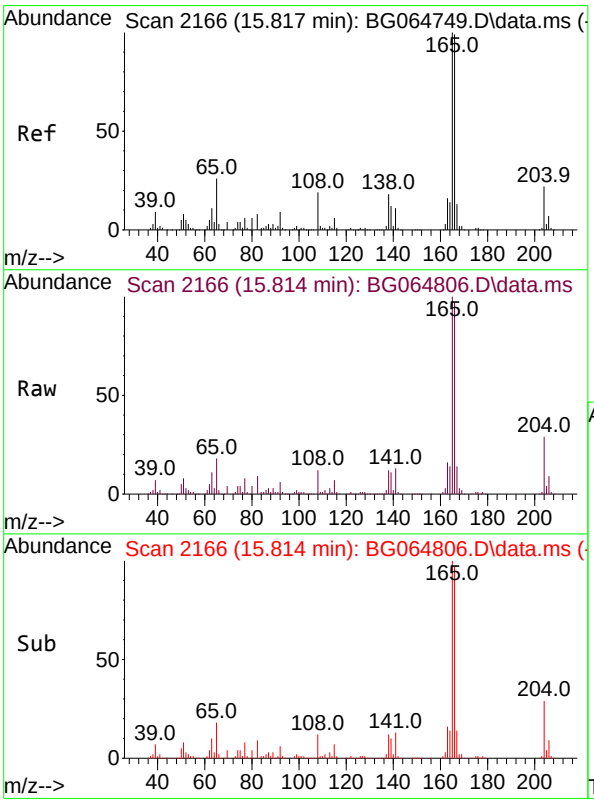
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.6 | 37.8 | 56.6 |
| 89 | 64.2 | 51.6 | 77.4 |
| 182 | 2.6 | 2.0 | 3.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

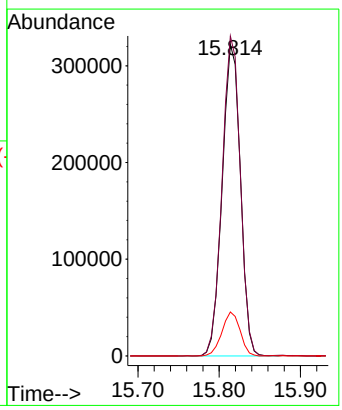
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

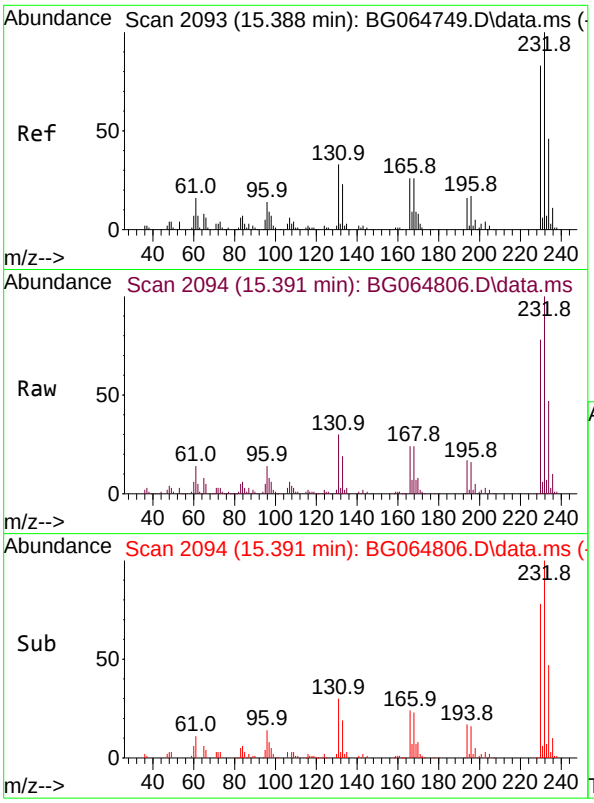



#58
Fluorene
Concen: 43.432 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:166 Resp: 501755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.7 | 80.5 | 120.7 |
| 167 | 14.1 | 10.3 | 15.5 |

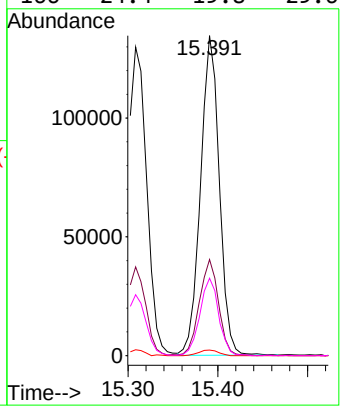





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.394 ng
RT: 15.391 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:232 Resp: 19579

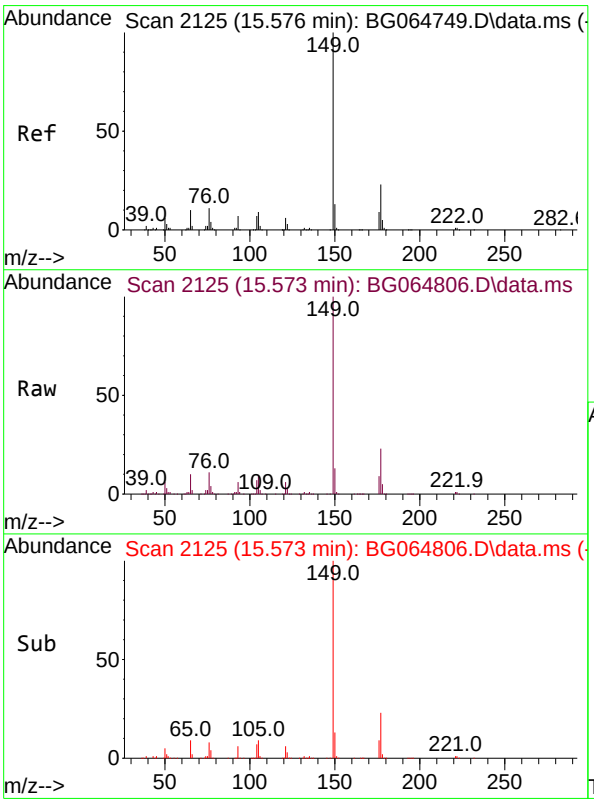
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 30.6 | 26.0 | 39.0 |
| 130 | 1.8 | 1.6 | 2.4 |
| 166 | 24.4 | 19.8 | 29.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

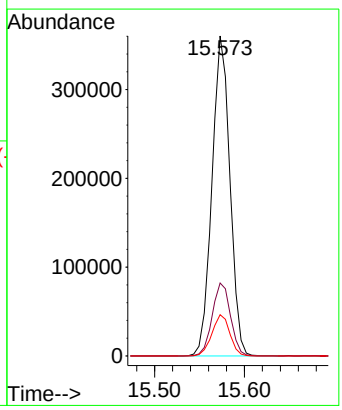
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

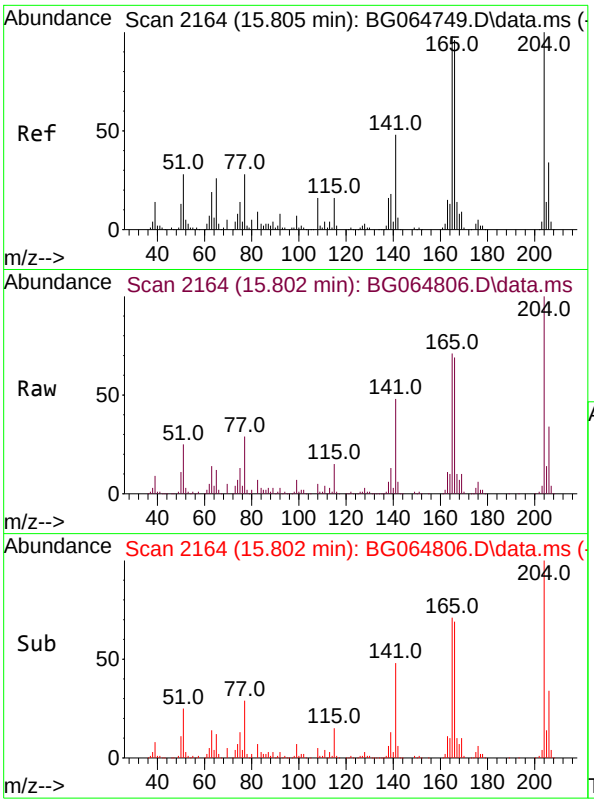



#60
Diethylphthalate
Concen: 43.057 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:149 Resp: 500848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 18.4 | 27.6 |
| 150 | 12.9 | 10.1 | 15.1 |

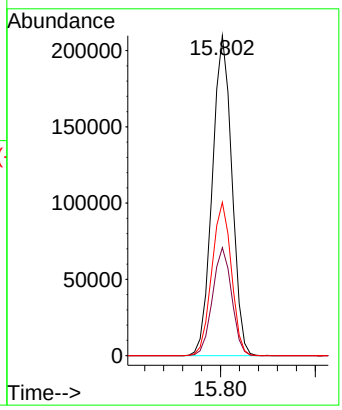





#61
4-Chlorophenyl-phenylether
Concen: 43.396 ng
RT: 15.802 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:204 Resp: 300874

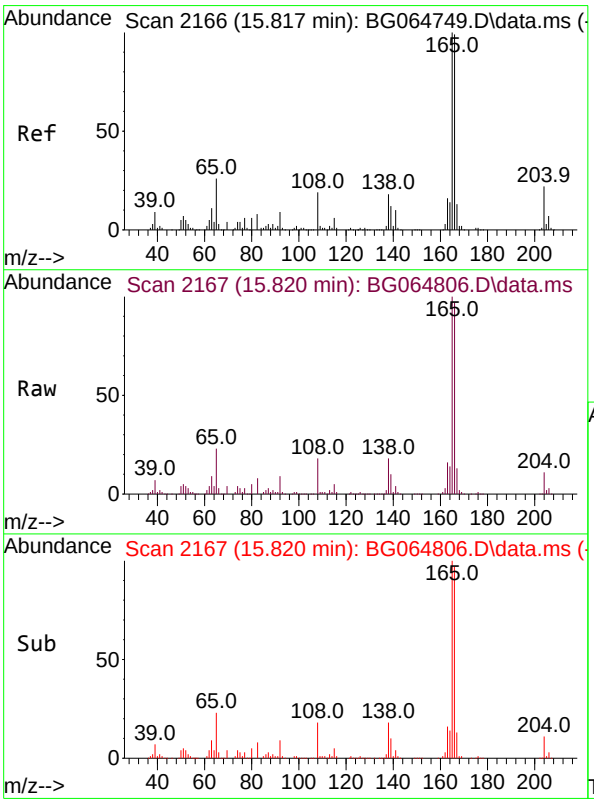
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.7 | 26.9 | 40.3 |
| 141 | 47.9 | 38.1 | 57.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

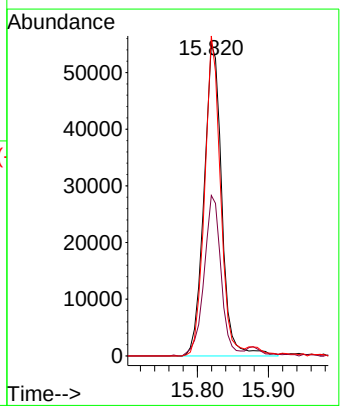
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

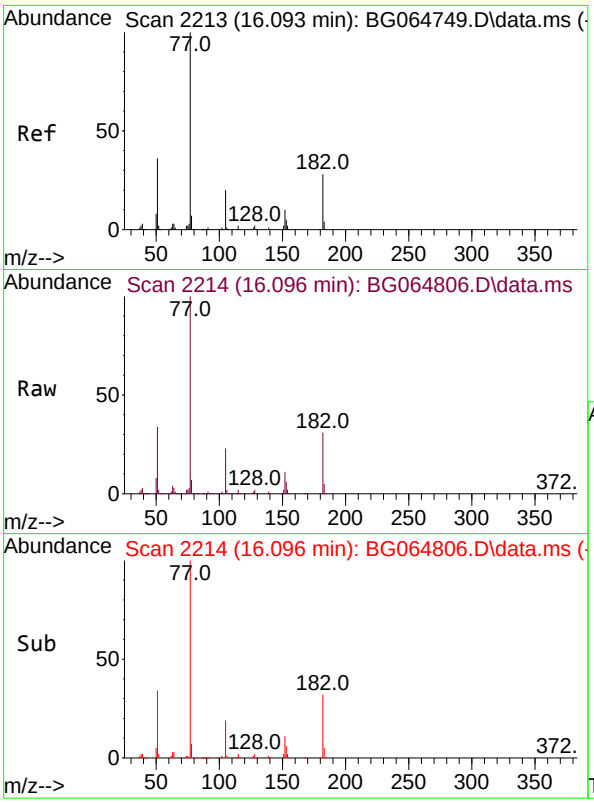



#62
4-Nitroaniline
Concen: 39.885 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:138 Resp: 95289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 51.3 | 30.7 | 70.7 |
| 108 | 102.5 | 85.7 | 125.7 |

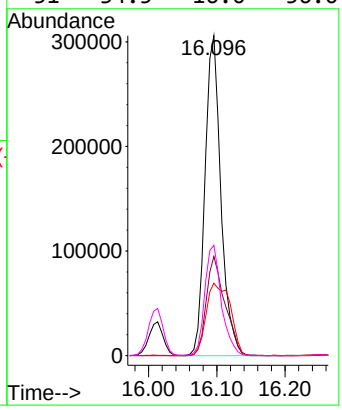





#63
Azobenzene
Concen: 51.108 ng
RT: 16.096 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 77 Resp: 49447

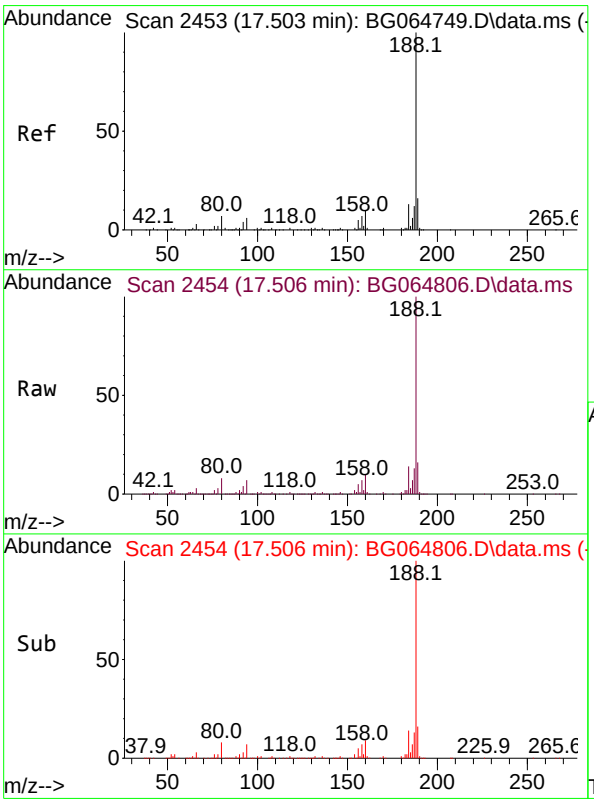
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.0 | 8.1 | 48.1 |
| 105 | 22.6 | 0.1 | 40.1 |
| 51 | 34.5 | 16.0 | 56.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

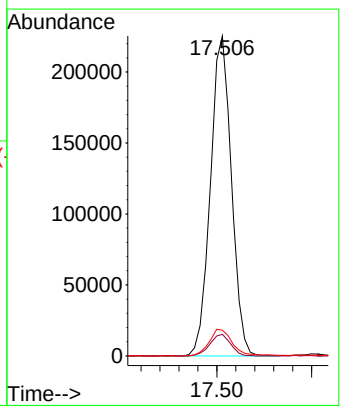
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

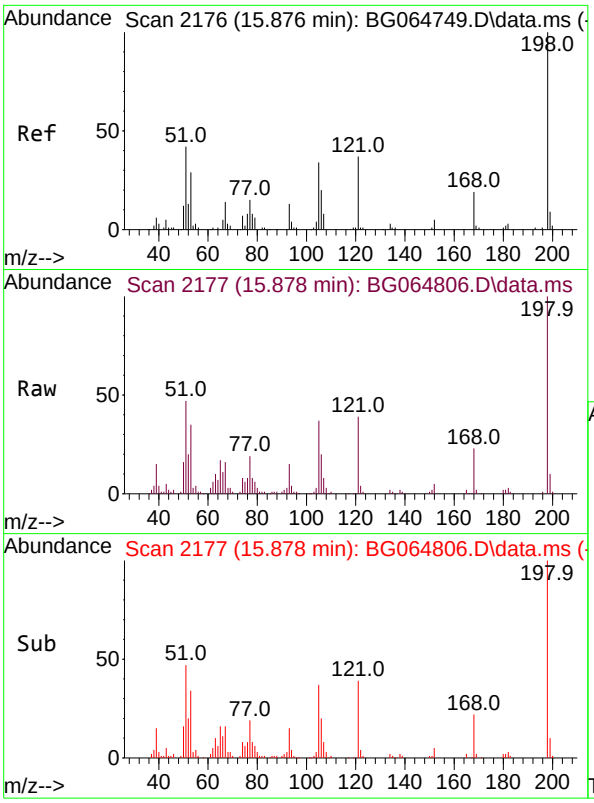



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:188 Resp: 346793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.7 | 4.7 | 7.1 |
| 80 | 8.0 | 5.4 | 8.2 |






#65
4,6-Dinitro-2-methylphenol
Concen: 40.376 ng
RT: 15.878 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

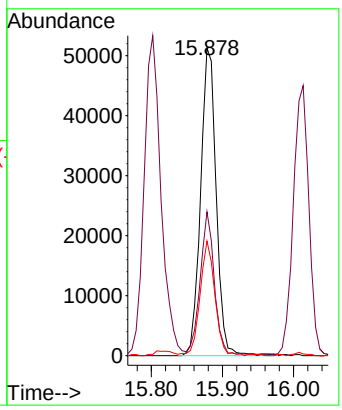
Tgt Ion:198 Resp: 7774

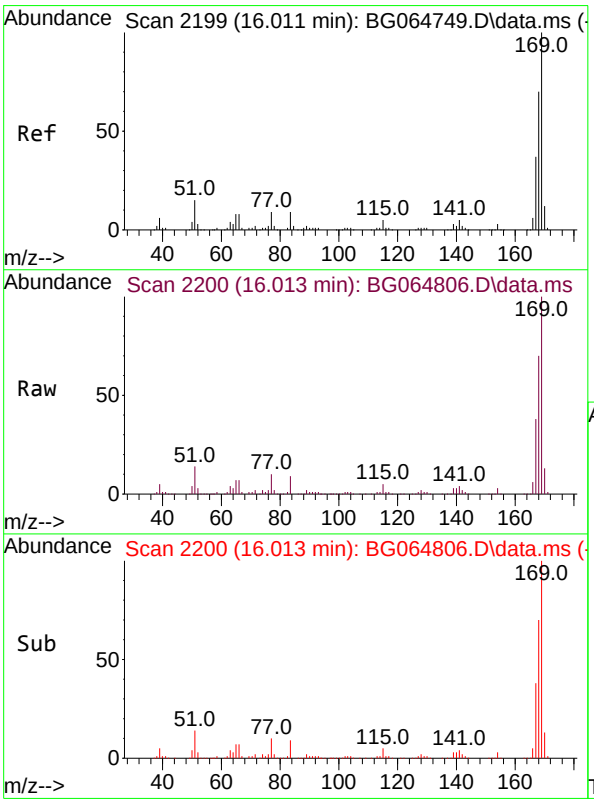
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 46.7 | 25.2 | 65.2 |
| 105 | 37.2 | 14.2 | 54.2 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

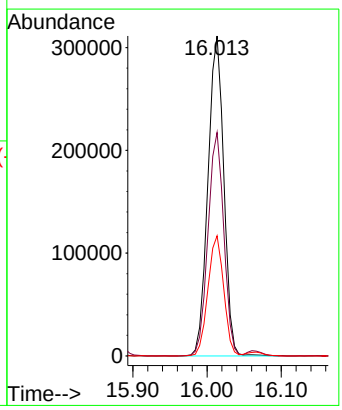


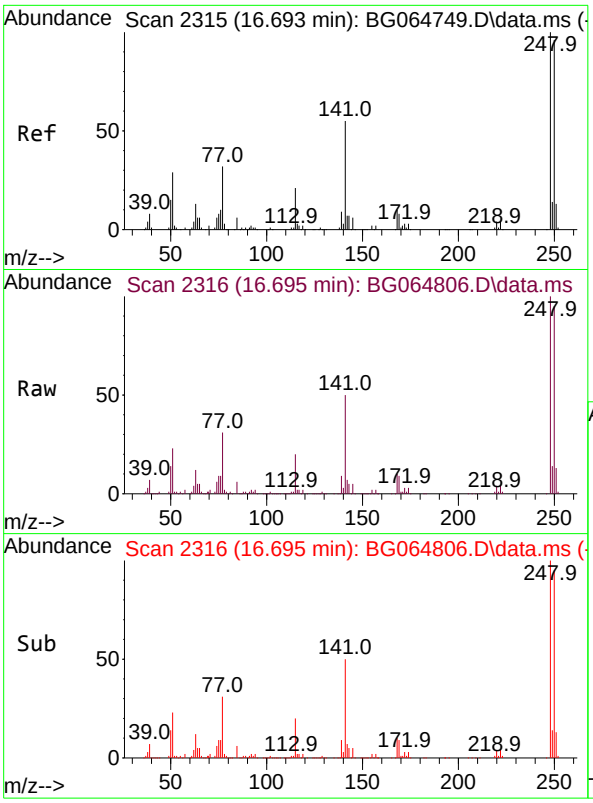




#66
n-Nitrosodiphenylamine
Concen: 50.823 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:169 Resp: 461656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.9 | 55.9 | 83.9 |
| 167 | 37.5 | 29.8 | 44.6 |

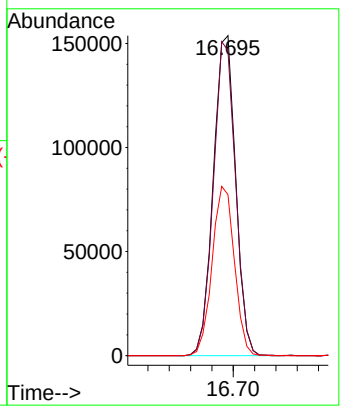





#67
4-Bromophenyl-phenylether
Concen: 49.145 ng
RT: 16.695 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:248 Resp: 22381

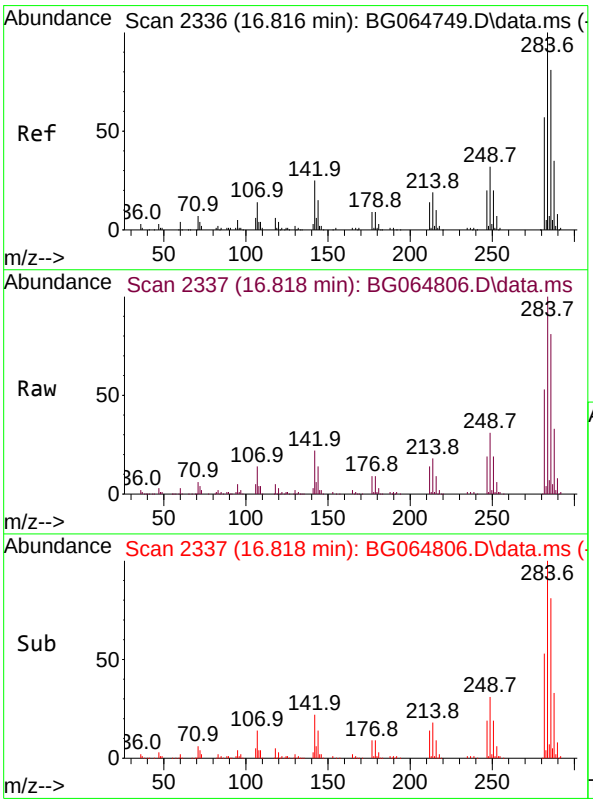
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.3 | 77.0 | 115.6 |
| 141 | 50.3 | 43.7 | 65.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

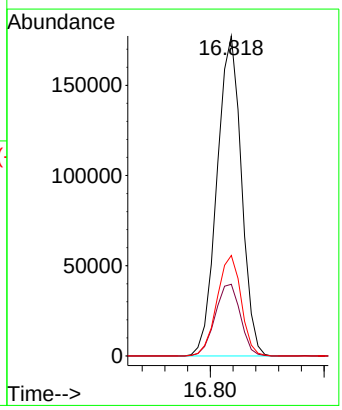
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

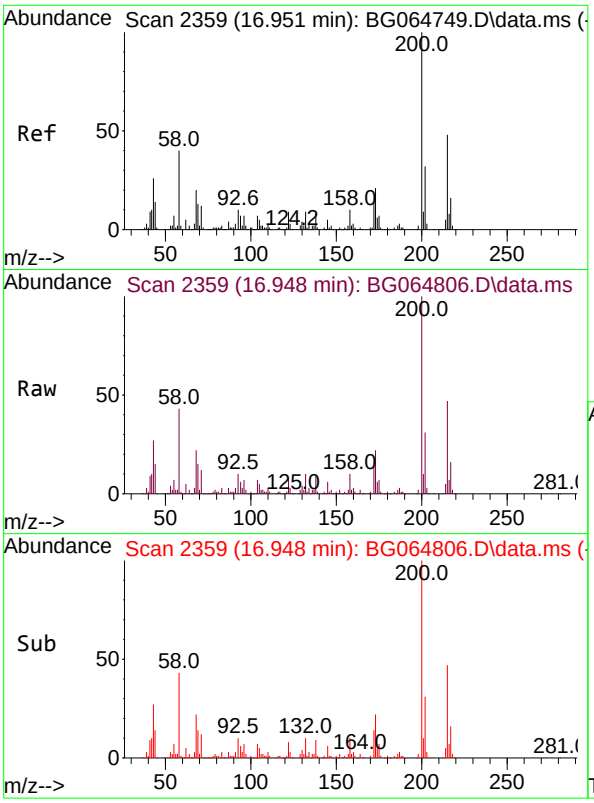



#68
Hexachlorobenzene
Concen: 47.869 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:284 Resp: 264122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.4 | 19.7 | 29.5 |
| 249 | 33.5 | 28.1 | 42.1 |






#69
Atrazine
Concen: 46.883 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

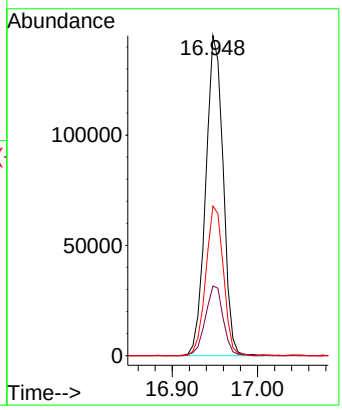
**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

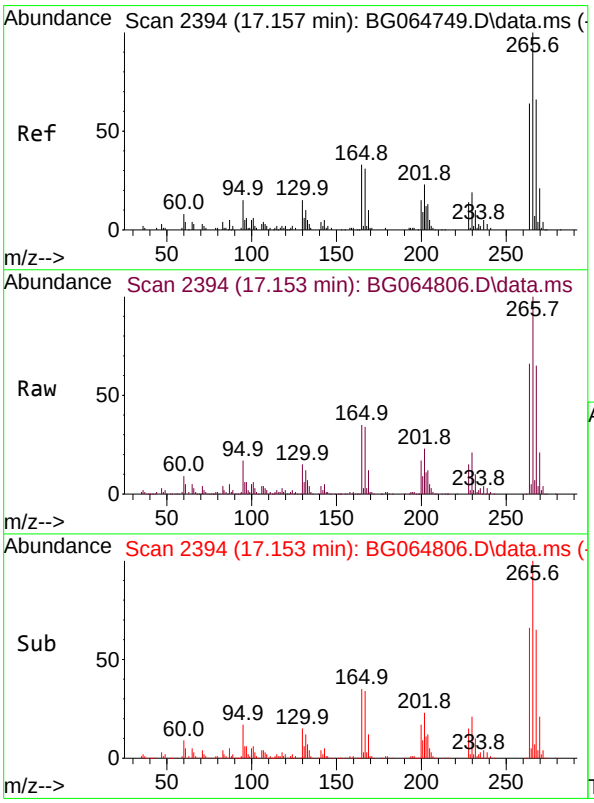
Tgt Ion:200 Resp: 20532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.7 | 0.9 | 40.9 |
| 215 | 46.7 | 27.5 | 67.5 |

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

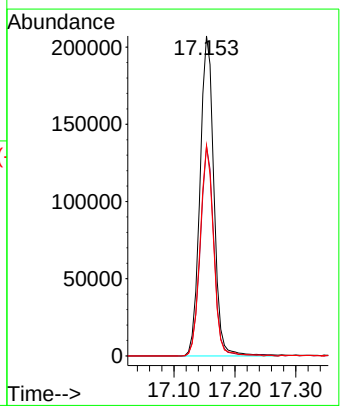


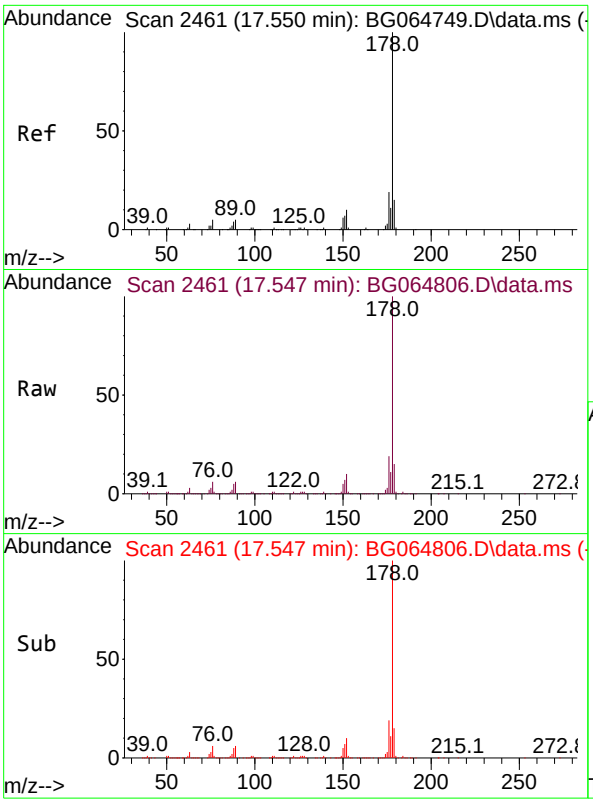




#70
Pentachlorophenol
Concen: 98.575 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:266 Resp: 326908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 69.9 | 56.1 | 84.1 |
| 264 | 70.4 | 51.2 | 76.8 |

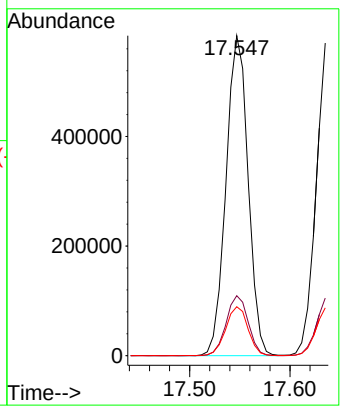





#71
Phenanthrene
Concen: 46.996 ng
RT: 17.547 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:178 Resp: 891708

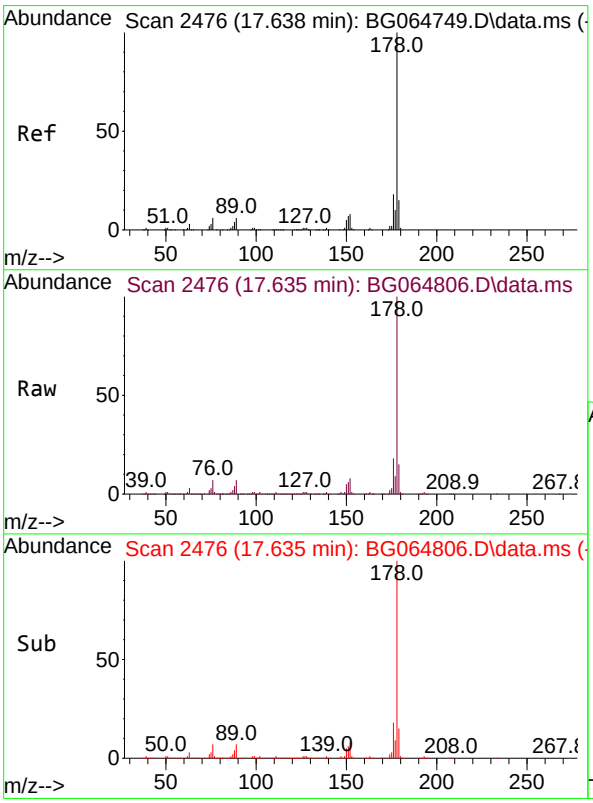
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.8 | 22.2 |
| 179 | 15.3 | 12.2 | 18.4 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

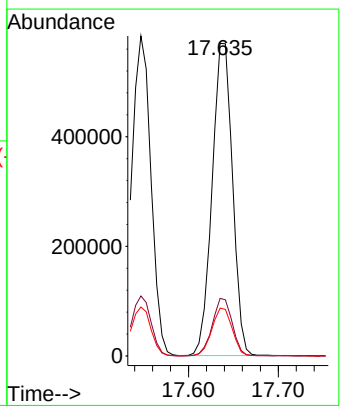
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

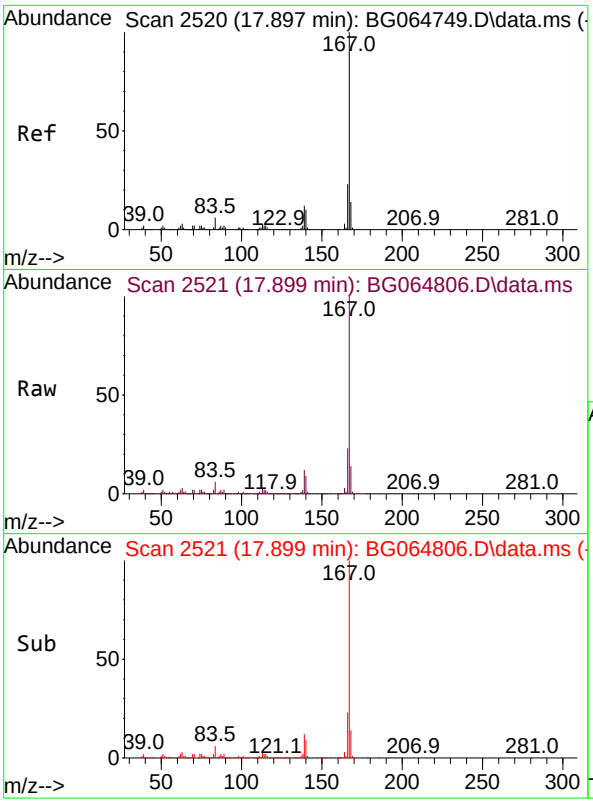



#72
Anthracene
Concen: 46.501 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:178 Resp: 899685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 14.5 | 21.7 |
| 179 | 15.3 | 12.2 | 18.4 |

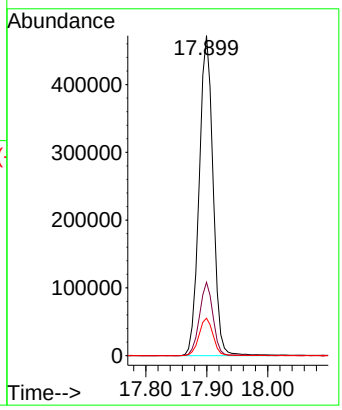





#73
Carbazole
Concen: 44.778 ng
RT: 17.899 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:167 Resp: 74476

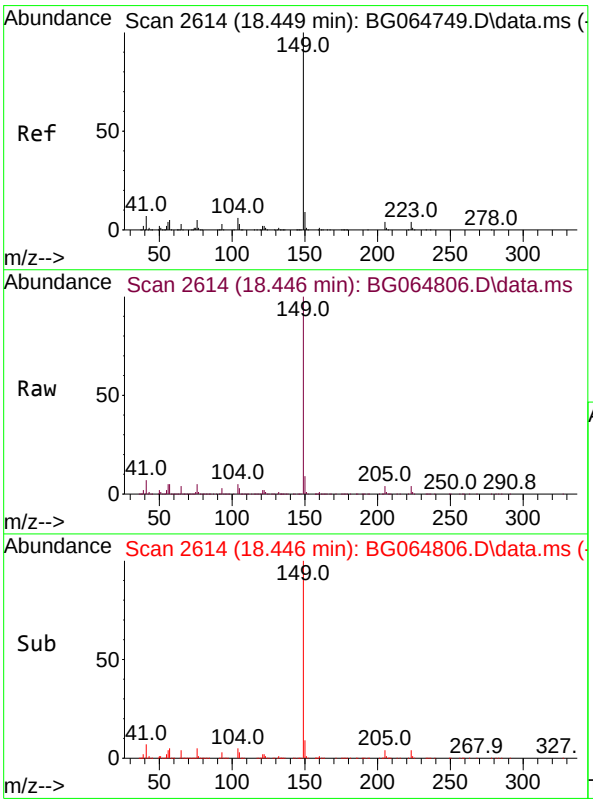
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.9 | 18.0 | 27.0 |
| 139 | 11.7 | 9.7 | 14.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

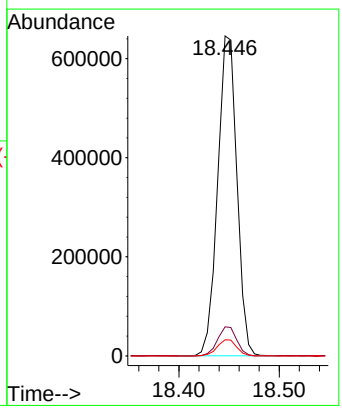
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

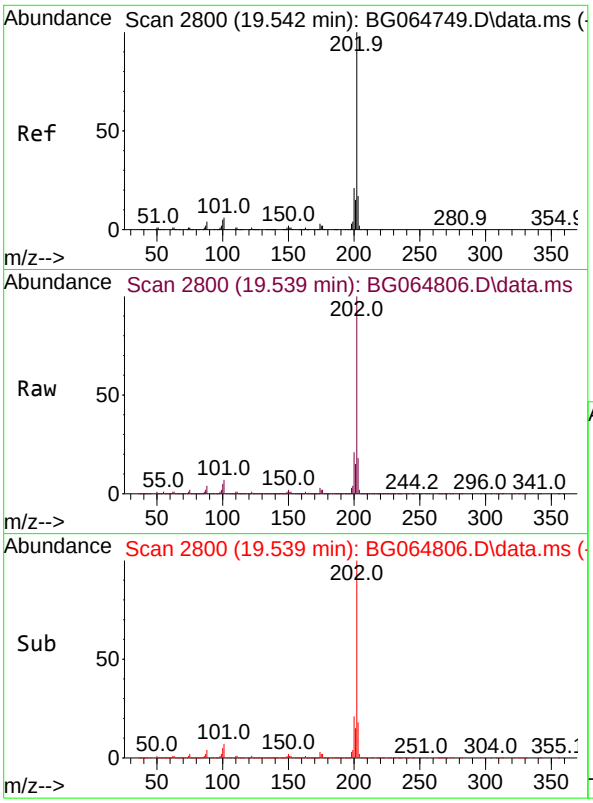



#74
Di-n-butylphthalate
Concen: 46.415 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:149 Resp: 861272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.5 | 11.3 |
| 104 | 5.0 | 4.4 | 6.6 |

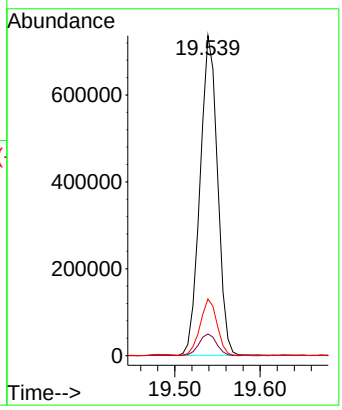





#75
Fluoranthene
Concen: 40.420 ng
RT: 19.539 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:202 Resp: 104873

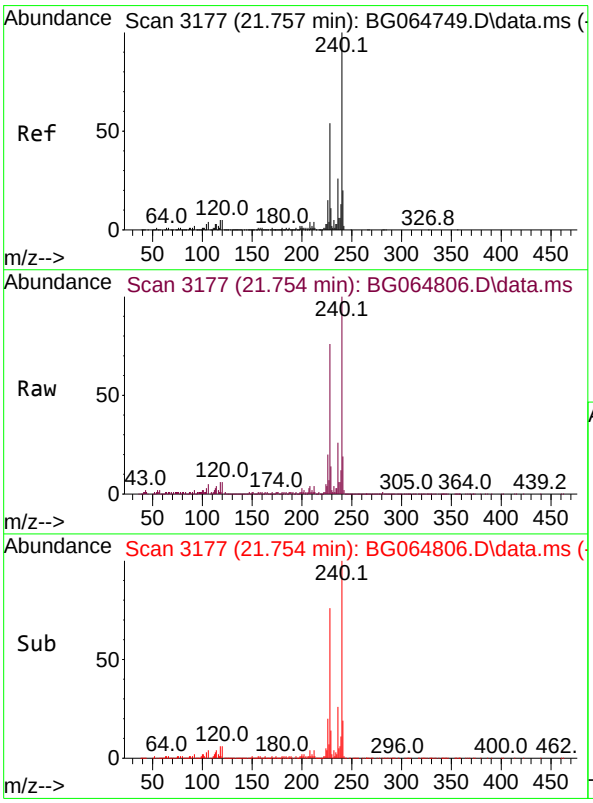
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.8 | 0.0 | 26.4 |
| 203 | 17.7 | 0.0 | 37.5 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

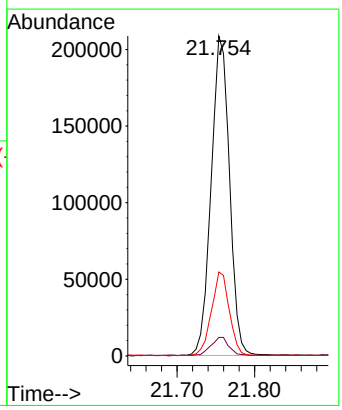
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

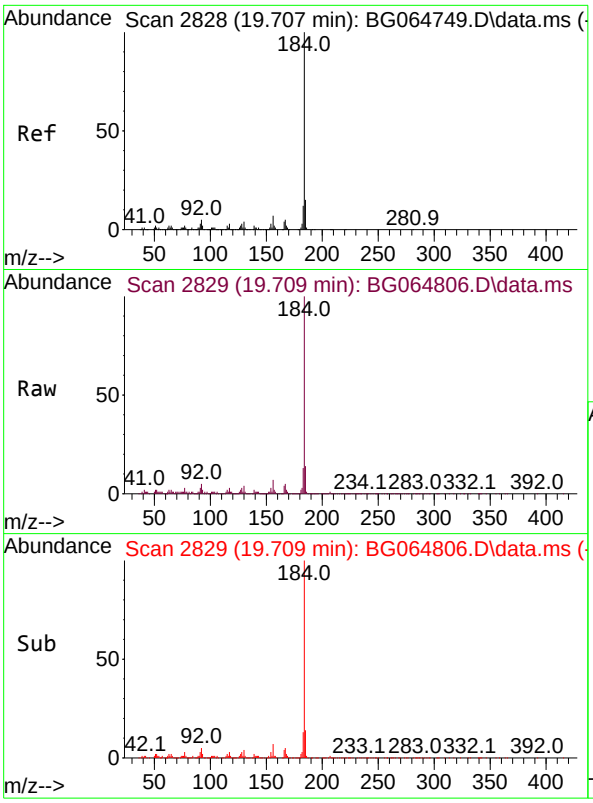



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:240 Resp: 343005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.8 | 4.2 | 6.4 |
| 236 | 26.2 | 20.8 | 31.2 |

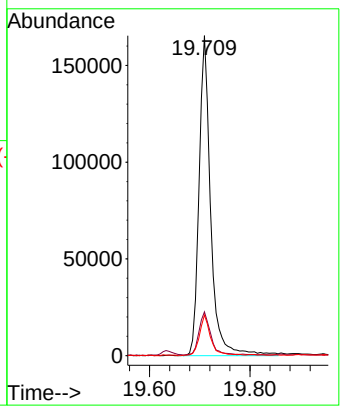





#77
Benzidine
Concen: 25.940 ng
RT: 19.709 min Scan# 28
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:184 Resp: 266468

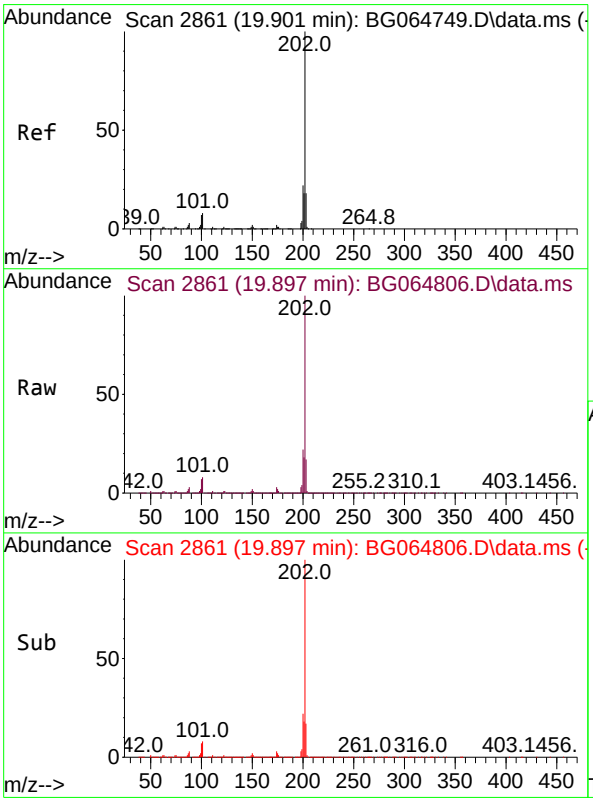
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.7 | 11.8 | 17.6 |
| 183 | 12.7 | 9.8 | 14.6 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

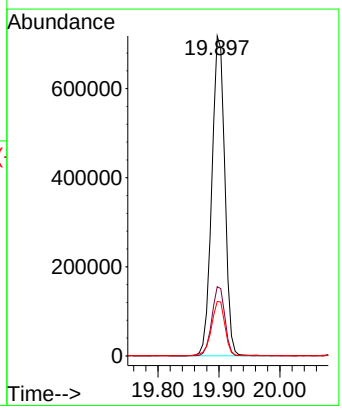
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

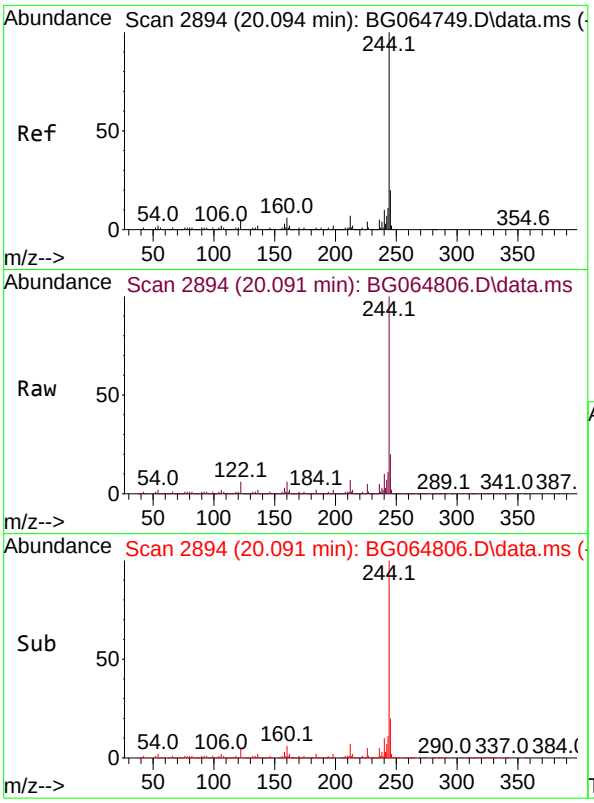



#78
Pyrene
Concen: 55.174 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:202 Resp: 1060660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.9 | 26.9 |
| 203 | 17.0 | 14.0 | 21.0 |






#79
Terphenyl-d14
Concen: 72.909 ng
RT: 20.091 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

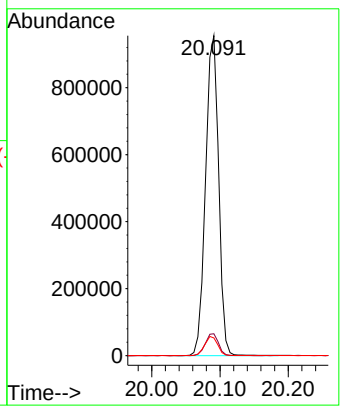
Tgt Ion:244 Resp: 127132

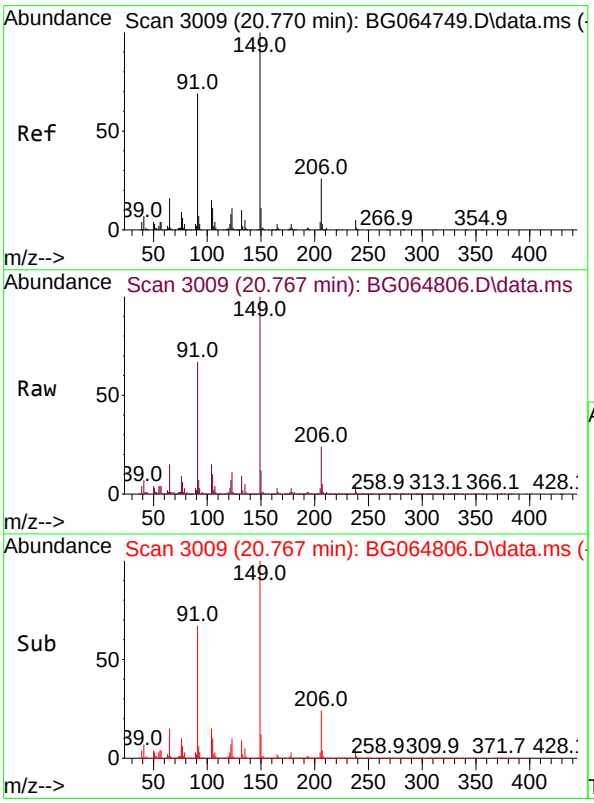
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.8 | 8.6 |
| 122 | 5.5 | 4.3 | 6.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

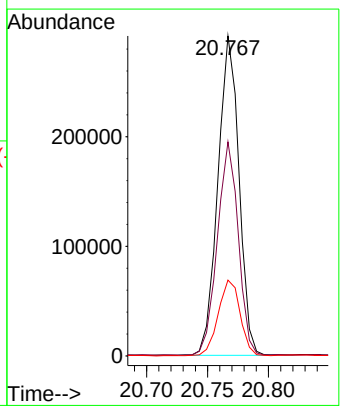


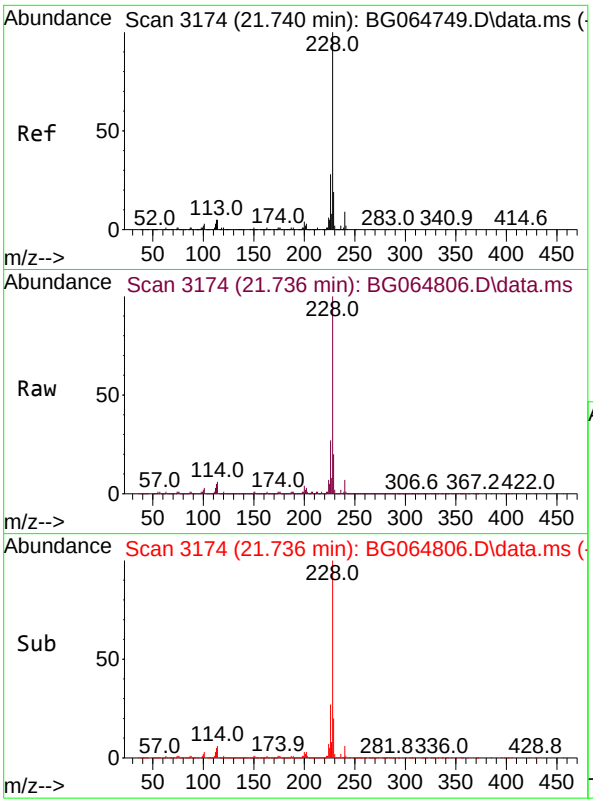




#80
Butylbenzylphthalate
Concen: 51.844 ng
RT: 20.767 min Scan# 3009
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:149 Resp: 350558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.9 | 54.9 | 82.3 |
| 206 | 23.7 | 21.2 | 31.8 |

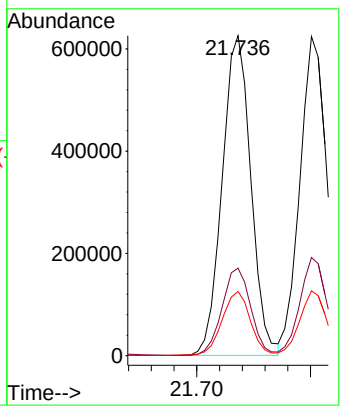





#81
Benzo(a)anthracene
Concen: 47.073 ng
RT: 21.736 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:228 Resp: 109787

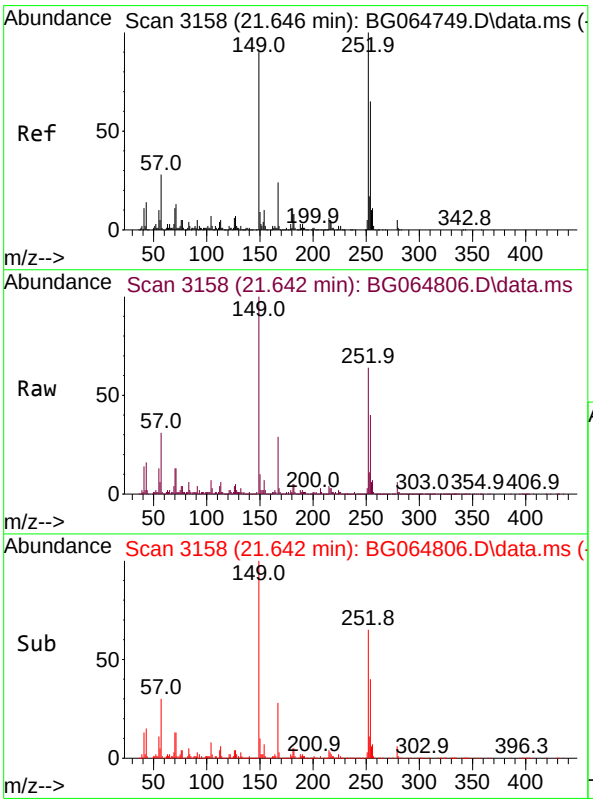
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 22.1 | 33.1 |
| 229 | 20.0 | 15.5 | 23.3 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

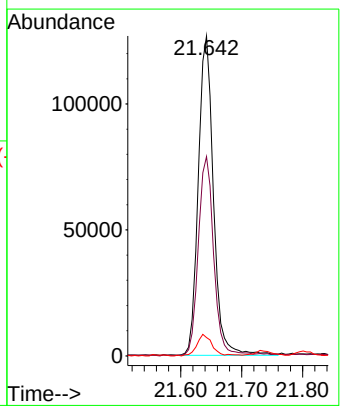
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

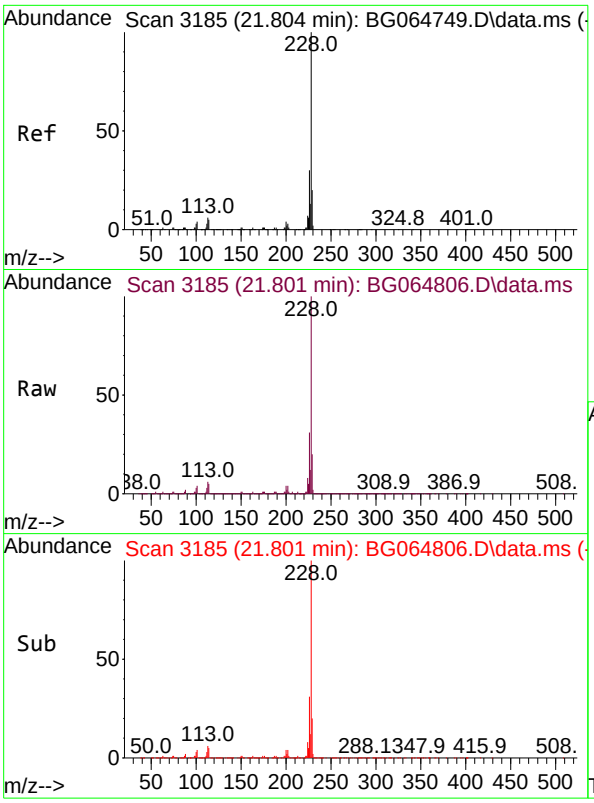



#82
3,3'-Dichlorobenzidine
Concen: 25.584 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:252 Resp: 219625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.3 | 51.8 | 77.8 |
| 126 | 5.7 | 4.7 | 7.1 |

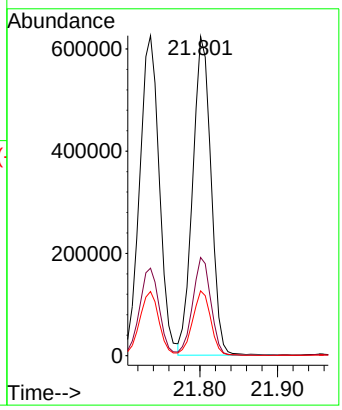





#83
Chrysene
Concen: 46.554 ng
RT: 21.801 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:228 Resp: 102365

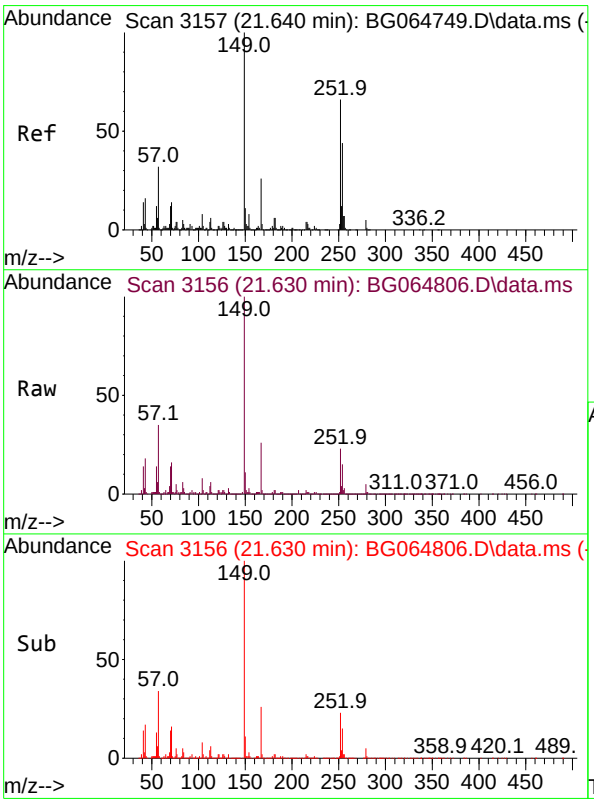
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.2 | 36.2 |
| 229 | 20.3 | 16.0 | 24.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

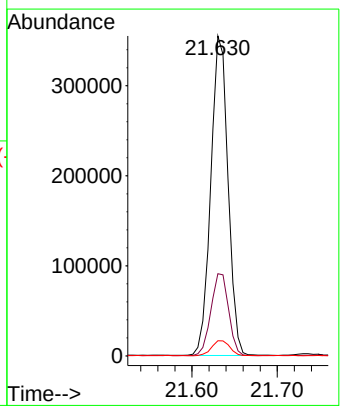
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

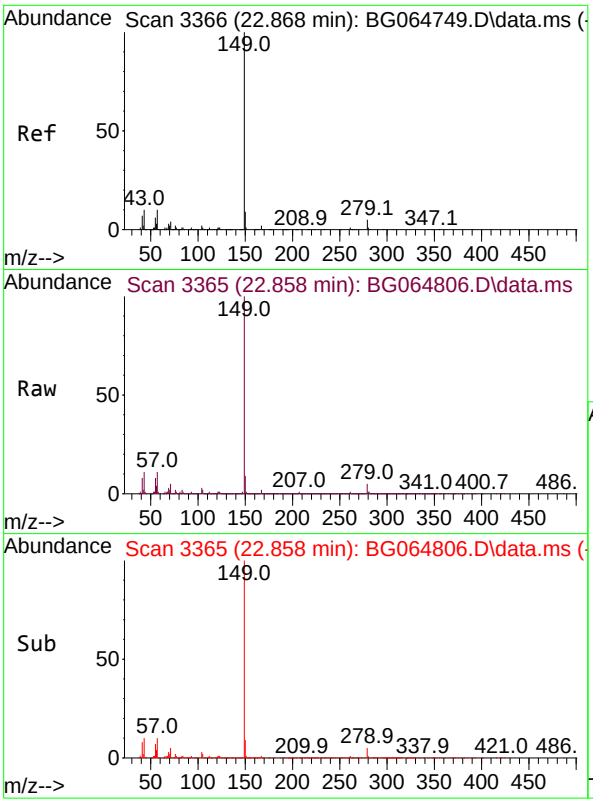



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.349 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:149 Resp: 497488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.7 | 21.0 | 31.4 |
| 279 | 4.7 | 4.1 | 6.1 |






#85
Di-n-octyl phthalate
Concen: 48.642 ng
RT: 22.858 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

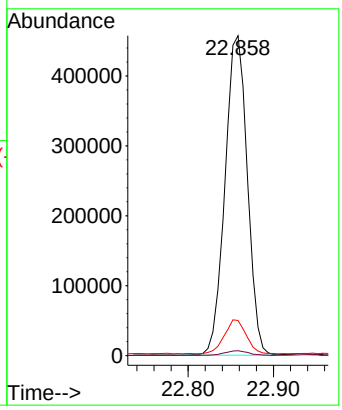
Tgt Ion:149 Resp: 83078

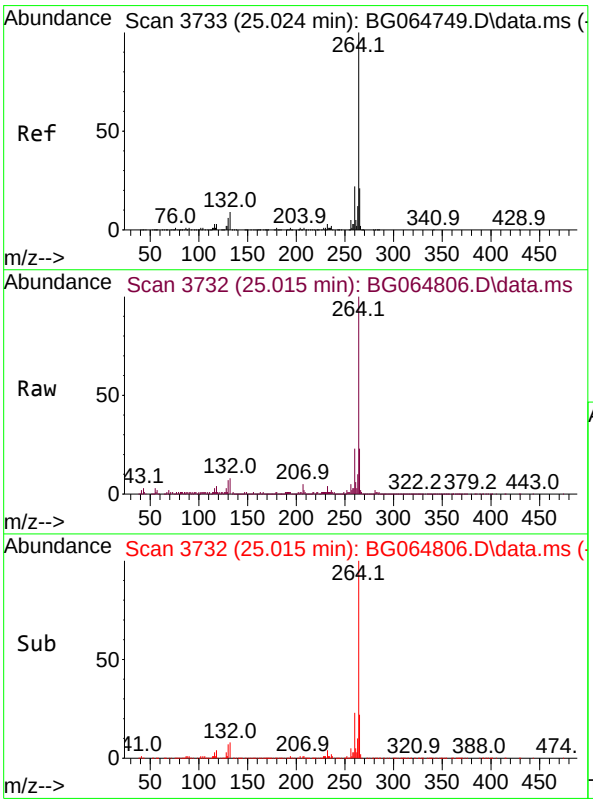
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.5 | 8.3 | 12.5 |

**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

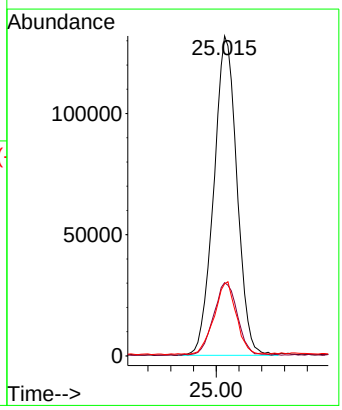


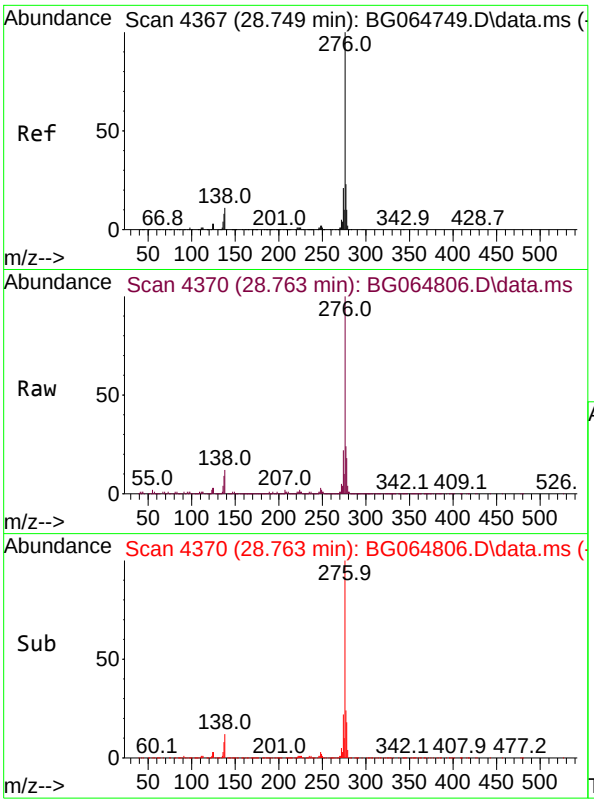




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:264 Resp: 371739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 17.2 | 25.8 |
| 265 | 22.5 | 16.6 | 25.0 |

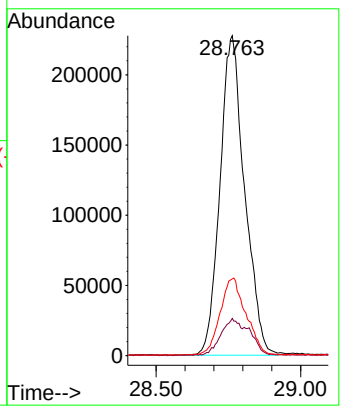





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.790 ng
RT: 28.763 min Scan# 4
Delta R.T. 0.014 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:276 Resp: 134824

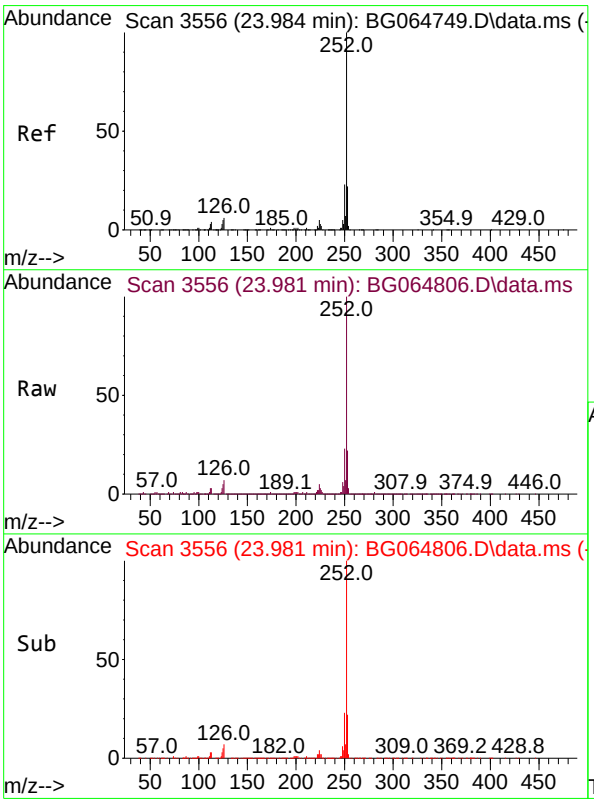
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.0 | 4.5 | 6.7# |
| 277 | 24.9 | 20.0 | 30.0 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

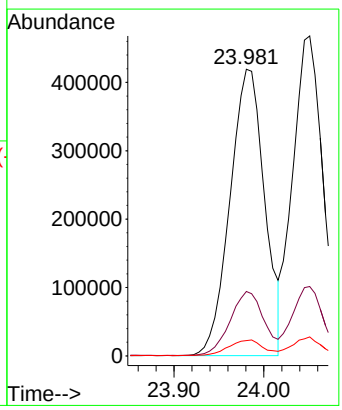
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

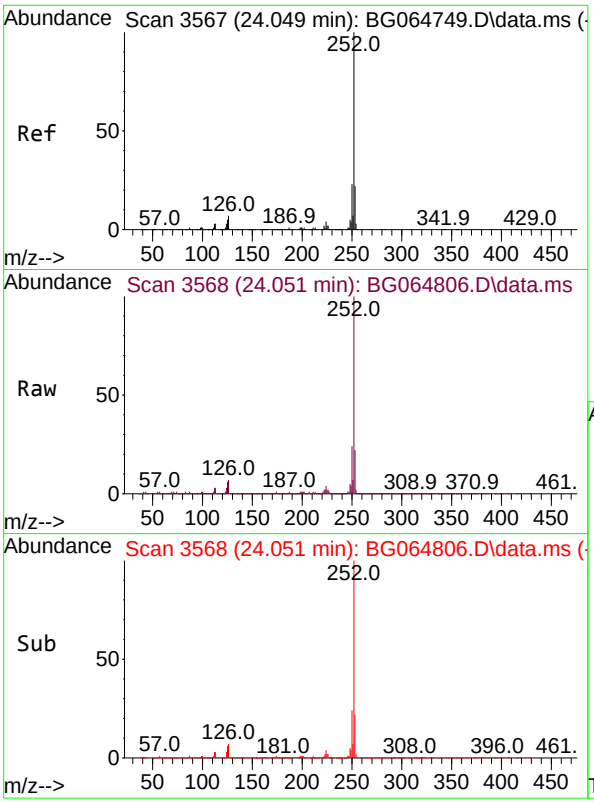



#88
Benzo(b)fluoranthene
Concen: 47.554 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:252 Resp: 1124970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.4 | 26.2 |
| 125 | 5.3 | 4.2 | 6.2 |

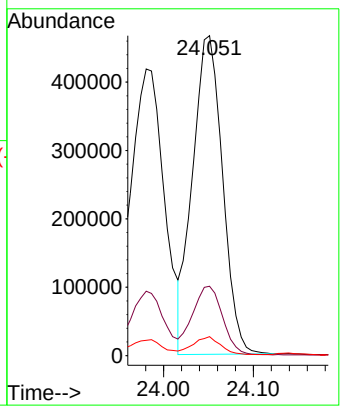





#89
Benzo(k)fluoranthene
Concen: 45.526 ng
RT: 24.051 min Scan# 3
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:252 Resp: 108202

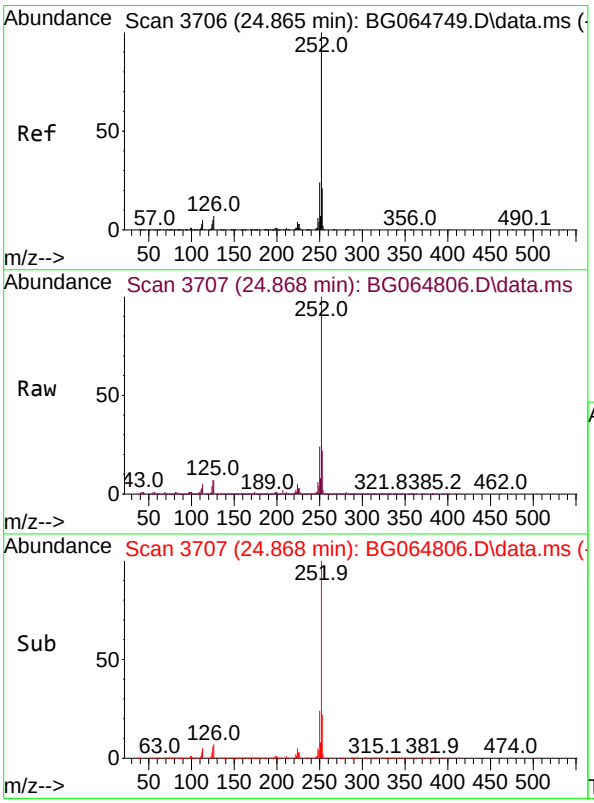
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.8 | 26.8 |
| 125 | 5.9 | 4.1 | 6.1 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

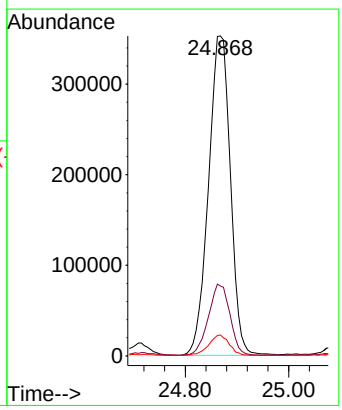
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

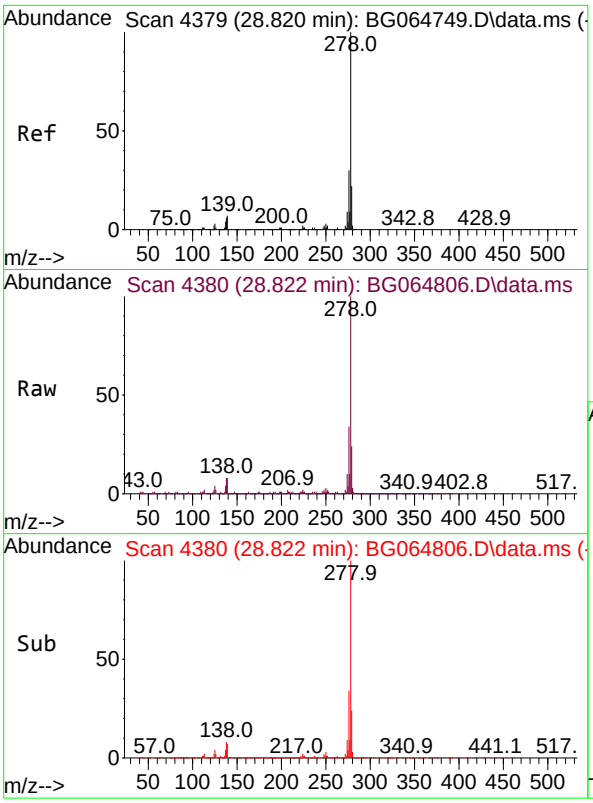



#90
Benzo(a)pyrene
Concen: 47.384 ng
RT: 24.868 min Scan# 3707
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:252 Resp: 1039844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 16.9 | 25.3 |
| 125 | 6.5 | 4.2 | 6.4# |

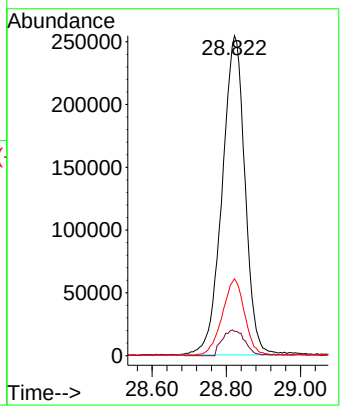





#91
Dibenzo(a,h)anthracene
Concen: 51.759 ng
RT: 28.822 min Scan# 4
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:278 Resp: 108293

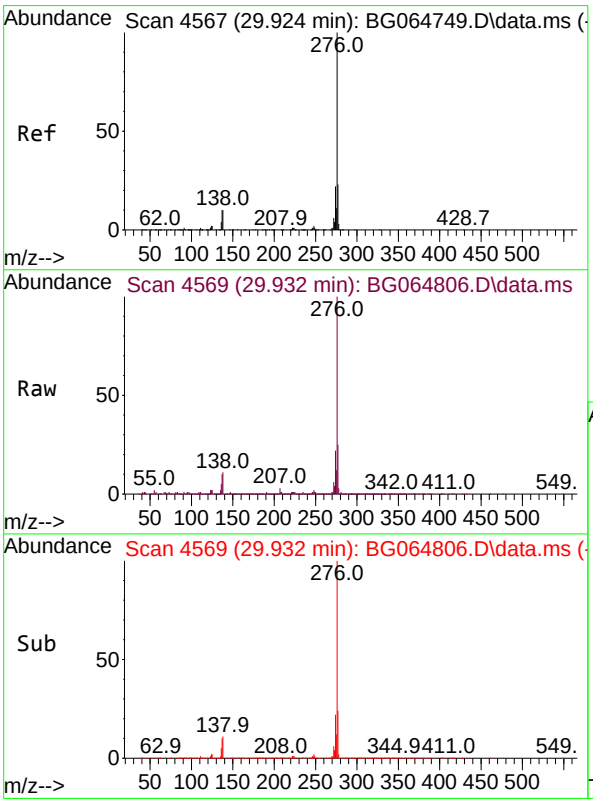
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 7.6 | 5.8 | 8.8 |
| 279 | 24.0 | 17.3 | 25.9 |




**Instrument :**
BNA_G
**ClientSampleId :**
NB-07-111725MSD

**Manual Integrations**
**APPROVED**

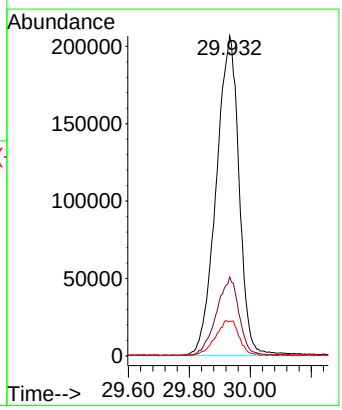
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025




#92
Benzo(g,h,i)perylene
Concen: 53.164 ng
RT: 29.932 min Scan# 4569
Delta R.T. 0.008 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:276 Resp: 1070512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 18.0 | 27.0 |
| 138 | 10.8 | 8.2 | 12.2 |



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# Manual Integration Report

| Sequence: | BG111225 | Instrument | BNA_g |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDICC005 | BG064746.D | 1,3-Dichlorobenzene | Jagrut | 11/14/2025 11:30:36 AM | Sohil | 11/14/2025 12:23:02 PM | Peak Integrated by Software |
| SSTDICC005 | BG064746.D | 1-Methylnaphthalene | Jagrut | 11/14/2025 11:30:36 AM | Sohil | 11/14/2025 12:23:02 PM | Peak Integrated by Software |
| SSTDICC005 | BG064746.D | 2-Methylnaphthalene | Jagrut | 11/14/2025 11:30:36 AM | Sohil | 11/14/2025 12:23:02 PM | Peak Integrated by Software |
| SSTDICC010 | BG064747.D | 1-Methylnaphthalene | Jagrut | 11/14/2025 11:30:38 AM | Sohil | 11/14/2025 12:23:04 PM | Peak Integrated by Software |
| SSTDICC010 | BG064747.D | Benzoic acid | Jagrut | 11/14/2025 11:30:38 AM | Sohil | 11/14/2025 12:23:04 PM | Peak Integrated by Software |
| SSTDICC020 | BG064748.D | Benzoic acid | Jagrut | 11/14/2025 11:30:41 AM | Sohil | 11/14/2025 12:23:06 PM | Peak Integrated by Software |
| SSTDICCC040 | BG064749.D | Benzoic acid | Jagrut | 11/14/2025 11:30:43 AM | Sohil | 11/14/2025 12:23:08 PM | Peak Integrated by Software |
| SSTDICC050 | BG064750.D | Benzoic acid | Jagrut | 11/14/2025 11:30:45 AM | Sohil | 11/14/2025 12:23:10 PM | Peak Integrated by Software |
| SSTDICC060 | BG064751.D | Benzoic acid | Jagrut | 11/14/2025 11:30:48 AM | Sohil | 11/14/2025 12:23:12 PM | Peak Integrated by Software |
| SSTDICC080 | BG064752.D | Benzoic acid | Jagrut | 11/14/2025 11:30:50 AM | Sohil | 11/14/2025 12:23:14 PM | Peak Integrated by Software |
| SSTDICC080 | BG064752.D | Caprolactam | Jagrut | 11/14/2025 11:30:50 AM | Sohil | 11/14/2025 12:23:14 PM | Peak Integrated by Software |
| SSTDICV040 | BG064753.D | Benzoic acid | Jagrut | 11/14/2025 11:30:53 AM | Sohil | 11/14/2025 12:23:16 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BG111225 | Instrument | BNA_g |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|

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# Manual Integration Report

| Sequence: | BG111825 | Instrument | BNA_g |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| PB170598BS | BG064801.D | Caprolactam | Jagrut | 11/19/2025 10:54:52 AM | Sohil | 11/19/2025 3:39:42 PM | Peak Integrated by Software |
| Q3658-01MS | BG064805.D | Caprolactam | Jagrut | 11/19/2025 10:54:57 AM | Sohil | 11/19/2025 3:39:49 PM | Peak Integrated by Software |
| Q3658-01MSD | BG064806.D | Caprolactam | Jagrut | 11/19/2025 10:55:00 AM | Sohil | 11/19/2025 3:39:53 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BP111825 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDICC020 | BP026146.D | Benzo(g,h,i)perylene | Jagrut | 11/19/2025 10:52:52 AM | Sohil | 11/19/2025 3:40:17 PM | Peak Integrated by Software |
| SSTDICC020 | BP026146.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:52:52 AM | Sohil | 11/19/2025 3:40:17 PM | Peak Integrated by Software |
| SSTDICCC040 | BP026147.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:52:55 AM | Sohil | 11/19/2025 3:40:19 PM | Peak Integrated by Software |
| SSTDICC060 | BP026149.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:52:57 AM | Sohil | 11/19/2025 3:40:20 PM | Peak Integrated by Software |
| SSTDICC080 | BP026150.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:52:59 AM | Sohil | 11/19/2025 3:40:22 PM | Peak Integrated by Software |
| SSTDICV040 | BP026151.D | Indeno(1,2,3-cd)pyrene | Jagrut | 11/19/2025 10:53:01 AM | Sohil | 11/19/2025 3:40:24 PM | Peak Integrated by Software |

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# Manual Integration Report

| Sequence: | BP112725 | Instrument | BNA_p |
|---|---|---|---|

| Sample ID | File ID | Parameter | Review By | Review On | Supervised By | Supervised On | Reason |
|---|---|---|---|---|---|---|---|
| SSTDCCC040 | BP026195.D | Indeno(1,2,3-cd)pyrene | Jagrut | 12/2/2025 4:04:43 PM | mohammad | 12/3/2025 1:12:32 AM | Peak Integrated by Software |

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Fax : 908 789 8922

**Instrument ID: BNA_G**

## Daily Analysis Runlog For Sequence/QCBatch ID # BG111225

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/12/2025 2:27:04 PM | | | | |
| Supervise By | Sohil | Supervise On | 11/14/2025 12:24:17 PM | | | | |
| SubDirectory | BG111225 | HP Acquire Method | BNA_G | | HP Processing Method | BG111225 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13182,10ul/1000ul sample |
| ICV/I.BLK | SP6872 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BG064744.D | 12 Nov 2025 10:37 | RC/JU | Ok |
| 2 | SSTDICC2.5 | BG064745.D | 12 Nov 2025 11:17 | RC/JU | Ok |
| 3 | SSTDICC005 | BG064746.D | 12 Nov 2025 11:58 | RC/JU | Ok,M |
| 4 | SSTDICC010 | BG064747.D | 12 Nov 2025 12:39 | RC/JU | Ok,M |
| 5 | SSTDICC020 | BG064748.D | 12 Nov 2025 13:20 | RC/JU | Ok,M |
| 6 | SSTDICCC040 | BG064749.D | 12 Nov 2025 14:00 | RC/JU | Ok,M |
| 7 | SSTDICC050 | BG064750.D | 12 Nov 2025 14:41 | RC/JU | Ok,M |
| 8 | SSTDICC060 | BG064751.D | 12 Nov 2025 15:23 | RC/JU | Ok,M |
| 9 | SSTDICC080 | BG064752.D | 12 Nov 2025 16:04 | RC/JU | Ok,M |
| 10 | SSTDICV040 | BG064753.D | 12 Nov 2025 16:45 | RC/JU | Ok,M |
| 11 | PB170478BL | BG064754.D | 12 Nov 2025 17:26 | RC/JU | Ok |

M : Manual Integration

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Fax : 908 789 8922

**Instrument ID: BNA_G**

## Daily Analysis Runlog For Sequence/QCBatch ID # BG111825

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 11/19/2025 10:55:50 AM | | | | |
| Supervise By | Sohil | Supervise On | 11/19/2025 3:40:03 PM | | | | |
| SubDirectory | BG111825 | HP Acquire Method | BNA_G | | HP Processing Method | BG111225 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | P6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13183,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BG064798.D | 18 Nov 2025 11:30 | RC/JU | Ok |
| 2 | SSTDCCC040 | BG064799.D | 18 Nov 2025 12:10 | RC/JU | Ok |
| 3 | PB170598BL | BG064800.D | 18 Nov 2025 12:53 | RC/JU | Ok |
| 4 | PB170598BS | BG064801.D | 18 Nov 2025 13:34 | RC/JU | Ok,M |
| 5 | Q3657-01 | BG064802.D | 18 Nov 2025 14:18 | RC/JU | Ok |
| 6 | Q3641-01RX | BG064803.D | 18 Nov 2025 14:59 | RC/JU | Confirms |
| 7 | Q3658-01 | BG064804.D | 18 Nov 2025 15:40 | RC/JU | Ok,M |
| 8 | Q3658-01MS | BG064805.D | 18 Nov 2025 16:21 | RC/JU | Ok,M |
| 9 | Q3658-01MSD | BG064806.D | 18 Nov 2025 17:01 | RC/JU | Ok,M |
| 10 | Q3652-01 | BG064807.D | 18 Nov 2025 17:42 | RC/JU | Ok,M |
| 11 | Q3660-01 | BG064808.D | 18 Nov 2025 18:23 | RC/JU | Ok |
| 12 | Q3656-01 | BG064809.D | 18 Nov 2025 19:04 | RC/JU | Ok |

M : Manual Integration

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

**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP111825

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 11/19/2025 10:53:24 AM | | | | |
| Supervise By | Sohil | Supervise On | 11/19/2025 3:40:33 PM | | | | |
| SubDirectory | BP111825 | HP Acquire Method | BNA_P | | HP Processing Method | BP111825 | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13183,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP026142.D | 18 Nov 2025 13:45 | RC/JU | Ok |
| 2 | SSTDICC2.5 | BP026143.D | 18 Nov 2025 14:31 | RC/JU | Ok |
| 3 | SSTDICC005 | BP026144.D | 18 Nov 2025 15:12 | RC/JU | Ok |
| 4 | SSTDICC010 | BP026145.D | 18 Nov 2025 15:54 | RC/JU | Ok |
| 5 | SSTDICC020 | BP026146.D | 18 Nov 2025 16:35 | RC/JU | Ok,M |
| 6 | SSTDICCC040 | BP026147.D | 18 Nov 2025 17:57 | RC/JU | Ok,M |
| 7 | SSTDICC050 | BP026148.D | 18 Nov 2025 18:38 | RC/JU | Ok |
| 8 | SSTDICC060 | BP026149.D | 18 Nov 2025 20:00 | RC/JU | Ok,M |
| 9 | SSTDICC080 | BP026150.D | 18 Nov 2025 21:22 | RC/JU | Ok,M |
| 10 | SSTDICV040 | BP026151.D | 18 Nov 2025 23:25 | RC/JU | Ok,M |
| 11 | PB170493TB | BP026152.D | 19 Nov 2025 00:06 | RC/JU | Ok |

M : Manual Integration

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

**Instrument ID: BNA_P**

## Daily Analysis Runlog For Sequence/QCBatch ID # BP112725

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:09:34 PM | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:32 AM | | |
| SubDirectory | BP112725 | HP Acquire Method | BNA_P | HP Processing Method | BP111825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | Data File Name | Date-Time | Operator | Status |
|---|---|---|---|---|---|
| 1 | DFTPP | BP026189.D | 26 Nov 2025 13:23 | RC/JU | Ok |
| 2 | SSTDCCC040 | BP026190.D | 26 Nov 2025 14:04 | RC/JU | Ok |
| 3 | PB170598BL | BP026191.D | 26 Nov 2025 15:07 | RC/JU | Ok |
| 4 | Q3483-11 | BP026192.D | 26 Nov 2025 15:48 | RC/JU | Dilution |
| 5 | Q3483-11DL | BP026193.D | 26 Nov 2025 18:32 | RC/JU | Ok |
| 6 | Q3483-12 | BP026194.D | 26 Nov 2025 19:14 | RC/JU | Ok |
| 7 | SSTDCCC040 | BP026195.D | 26 Nov 2025 19:55 | RC/JU | Ok,M |

M : Manual Integration

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Fax : 908 789 8922

**Instrument ID:** BNA_G

## Daily Analysis Runlog For Sequence/QCBatch ID # BG111225

| | | | | | |
|---|---|---|---|---|---|
| Review By | rahul | Review On | 11/12/2025 2:27:04 PM | | |
| Supervise By | Sohil | Supervise On | 11/14/2025 12:24:17 PM | | |
| SubDirectory | BG111225 | HP Acquire Method | BNA_G | HP Processing Method | BG111225 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13182,10ul/1000ul sample |
| ICV/I.BLK | SP6872 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BG064744.D | 12 Nov 2025 10:37 | | RC/JU | Ok |
| 2 | SSTDICC2.5 | SSTDICC2.5 | BG064745.D | 12 Nov 2025 11:17 | | RC/JU | Ok |
| 3 | SSTDICC005 | SSTDICC005 | BG064746.D | 12 Nov 2025 11:58 | | RC/JU | Ok,M |
| 4 | SSTDICC010 | SSTDICC010 | BG064747.D | 12 Nov 2025 12:39 | | RC/JU | Ok,M |
| 5 | SSTDICC020 | SSTDICC020 | BG064748.D | 12 Nov 2025 13:20 | | RC/JU | Ok,M |
| 6 | SSTDICCC040 | SSTDICCC040 | BG064749.D | 12 Nov 2025 14:00 | Compound#32,54,70 kept on LR | RC/JU | Ok,M |
| 7 | SSTDICC050 | SSTDICC050 | BG064750.D | 12 Nov 2025 14:41 | | RC/JU | Ok,M |
| 8 | SSTDICC060 | SSTDICC060 | BG064751.D | 12 Nov 2025 15:23 | | RC/JU | Ok,M |
| 9 | SSTDICC080 | SSTDICC080 | BG064752.D | 12 Nov 2025 16:04 | | RC/JU | Ok,M |
| 10 | SSTDICV040 | ICVBG111225 | BG064753.D | 12 Nov 2025 16:45 | | RC/JU | Ok,M |
| 11 | PB170478BL | PB170478BL | BG064754.D | 12 Nov 2025 17:26 | | RC/JU | Ok |

M : Manual Integration

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

**Instrument ID:** BNA_G

## Daily Analysis Runlog For Sequence/QCBatch ID # BG111825

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 11/19/2025 10:55:50 AM | | |
| Supervise By | Sohil | Supervise On | 11/19/2025 3:40:03 PM | | |
| SubDirectory | BG111825 | HP Acquire Method | BNA_G | HP Processing Method | BG111225 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | P6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13183,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BG064798.D | 18 Nov 2025 11:30 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BG064799.D | 18 Nov 2025 12:10 | | RC/JU | Ok |
| 3 | PB170598BL | PB170598BL | BG064800.D | 18 Nov 2025 12:53 | | RC/JU | Ok |
| 4 | PB170598BS | PB170598BS | BG064801.D | 18 Nov 2025 13:34 | | RC/JU | Ok,M |
| 5 | Q3657-01 | SEWAREN-CONCRET | BG064802.D | 18 Nov 2025 14:18 | | RC/JU | Ok |
| 6 | Q3641-01RX | TR-05-111325RX | BG064803.D | 18 Nov 2025 14:59 | Surrogate Fail | RC/JU | Confirms |
| 7 | Q3658-01 | NB-07-111725 | BG064804.D | 18 Nov 2025 15:40 | | RC/JU | Ok,M |
| 8 | Q3658-01MS | NB-07-111725MS | BG064805.D | 18 Nov 2025 16:21 | | RC/JU | Ok,M |
| 9 | Q3658-01MSD | NB-07-111725MSD | BG064806.D | 18 Nov 2025 17:01 | | RC/JU | Ok,M |
| 10 | Q3652-01 | TP-1 | BG064807.D | 18 Nov 2025 17:42 | | RC/JU | Ok,M |
| 11 | Q3660-01 | FRAC-TANK-M21012 | BG064808.D | 18 Nov 2025 18:23 | | RC/JU | Ok |
| 12 | Q3656-01 | T2-GRAVEL | BG064809.D | 18 Nov 2025 19:04 | | RC/JU | Ok |

M : Manual Integration

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Fax : 908 789 8922

**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP111825

| | | | | | |
|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 11/19/2025 10:53:24 AM | | |
| Supervise By | Sohil | Supervise On | 11/19/2025 3:40:33 PM | | |
| SubDirectory | BP111825 | HP Acquire Method | BNA_P | HP Processing Method | BP111825 |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13183,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BP026142.D | 18 Nov 2025 13:45 | | RC/JU | Ok |
| 2 | SSTDICC2.5 | SSTDICC2.5 | BP026143.D | 18 Nov 2025 14:31 | | RC/JU | Ok |
| 3 | SSTDICC005 | SSTDICC005 | BP026144.D | 18 Nov 2025 15:12 | | RC/JU | Ok |
| 4 | SSTDICC010 | SSTDICC010 | BP026145.D | 18 Nov 2025 15:54 | | RC/JU | Ok |
| 5 | SSTDICC020 | SSTDICC020 | BP026146.D | 18 Nov 2025 16:35 | | RC/JU | Ok,M |
| 6 | SSTDICCC040 | SSTDICCC040 | BP026147.D | 18 Nov 2025 17:57 | | RC/JU | Ok,M |
| 7 | SSTDICC050 | SSTDICC050 | BP026148.D | 18 Nov 2025 18:38 | | RC/JU | Ok |
| 8 | SSTDICC060 | SSTDICC060 | BP026149.D | 18 Nov 2025 20:00 | | RC/JU | Ok,M |
| 9 | SSTDICC080 | SSTDICC080 | BP026150.D | 18 Nov 2025 21:22 | | RC/JU | Ok,M |
| 10 | SSTDICV040 | ICVBP111825 | BP026151.D | 18 Nov 2025 23:25 | | RC/JU | Ok,M |
| 11 | PB170493TB | PB170493TB | BP026152.D | 19 Nov 2025 00:06 | | RC/JU | Ok |

M : Manual Integration

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

**Instrument ID:** BNA_P

## Daily Analysis Runlog For Sequence/QCBatch ID # BP112725

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Review By | Jagrut | Review On | 12/2/2025 4:09:34 PM | | | | |
| Supervise By | mohammad | Supervise On | 12/3/2025 1:12:32 AM | | | | |
| SubDirectory | BP112725 | HP Acquire Method | BNA_P | HP Processing Method | BP111825 | | |

| STD. NAME | STD REF.# |
|---|---|
| Tune/Reschk | SP6875 |
| Initial Calibration Stds | SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917 |
| CCC | SP6913 |
| Internal Standard/PEM | S13184,10ul/1000ul sample |
| ICV/I.BLK | SP6928 |
| Surrogate Standard | |
| MS/MSD Standard | |
| LCS Standard | |

| Sr# | SampleId | ClientID | Data File Name | Date-Time | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | DFTPP | DFTPP | BP026189.D | 26 Nov 2025 13:23 | | RC/JU | Ok |
| 2 | SSTDCCC040 | SSTDCCC040 | BP026190.D | 26 Nov 2025 14:04 | | RC/JU | Ok |
| 3 | PB170598BL | PB170598BL | BP026191.D | 26 Nov 2025 15:07 | | RC/JU | Ok |
| 4 | Q3483-11 | HW1025-PT-BNA-SOIL | BP026192.D | 26 Nov 2025 15:48 | HW1025-PT-BNA-SOIL - Need 5X dilution | RC/JU | Dilution |
| 5 | Q3483-11DL | HW1025-PT-BNA-SOIL | BP026193.D | 26 Nov 2025 18:32 | | RC/JU | Ok |
| 6 | Q3483-12 | HW1025-PT-TRIAZINE | BP026194.D | 26 Nov 2025 19:14 | | RC/JU | Ok |
| 7 | SSTDCCC040 | SSTDCCC040EC | BP026195.D | 26 Nov 2025 19:55 | | RC/JU | Ok,M |

M : Manual Integration

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 10/30/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:15
**In Date:** 10/29/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:20
**Out Date:** 10/30/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB137700

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q3368-13 | OUTSIDE-DUMPSTER | 1 | 1.12 | 10.63 | 11.75 | 8.28 | 67.4 | |
| Q3368-14 | PRESS-SLUDGE | 2 | 1.18 | 10.30 | 11.48 | 7.89 | 65.1 | |
| Q3482-01 | WC-1 | 37 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q3482-02 | WC-2 | 38 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q3482-03 | WC-3 | 39 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q3482-04 | WC-4 | 40 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q3482-05 | WC-5 | 41 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q3482-06 | WC-6 | 42 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q3482-07 | WC-7 | 43 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q3483-01 | HW1025-PT-AN-SOIL | 3 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-02 | HW1025-PT-CORR-SOIL | 4 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-03 | HW1025-PT-CN-SOIL | 5 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-04 | HW1025-PT-CN-SOIL | 6 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-05 | HW1025-PT-FP-SOIL | 7 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-06 | HW1025-PT-CR6-SOIL | 8 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-07 | HW1025-PT-NUT-SOIL | 9 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-08 | HW1025-PT-NUT-SOIL | 10 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-09 | HW1025-PT-OGR-SOIL | 11 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-10 | HW1025-PT-MET-SOIL | 12 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-11 | HW1025-PT-BNA-SOIL | 13 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL | 14 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-13 | HW1025-PT-PAH-SOIL | 15 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-14 | HW1025-PT-DIES-SOIL | 16 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-15 | HW1025-PT-GAS-SOIL | 17 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-16 | HW1025-PT-NJEPH-SOIL | 18 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-17 | HW1025-PT-HERB-SOIL | 19 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-18 | HW1025-PT-PCB-SOIL | 20 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-19 | HW1025-PT-PCBO-SOIL | 21 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 10/30/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:15
**In Date:** 10/29/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:20
**Out Date:** 10/30/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB137700

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q3483-20 | HW1025-PT-PEST-SOIL | 22 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-21 | HW1025-PT-CHLOR-SOIL | 23 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-22 | HW1025-PT-TXP-SOIL | 24 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-23 | HW1025-PT-VOA-SOIL | 25 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3483-25 | HW1025-PT-NO2-SOIL | 26 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | |
| Q3485-01 | TR-04-102924 | 27 | 1.15 | 10.30 | 11.45 | 10.84 | 94.1 | |
| Q3485-02 | TR-04-102924-E2 | 28 | 1.19 | 10.30 | 11.49 | 10.77 | 93.0 | |
| Q3486-01 | TP3 | 29 | 1.17 | 10.45 | 11.62 | 11.07 | 94.7 | |
| Q3486-02 | TP3-E2 | 30 | 1.18 | 10.40 | 11.58 | 11.11 | 95.5 | |
| Q3486-03 | TP4 | 31 | 1.19 | 10.23 | 11.42 | 9.93 | 85.4 | |
| Q3486-04 | TP4-E2 | 32 | 1.17 | 10.52 | 11.69 | 10.09 | 84.8 | |
| Q3486-05 | TP5 | 33 | 1.17 | 10.65 | 11.82 | 10.02 | 83.1 | |
| Q3486-06 | TP5-E2 | 34 | 1.17 | 10.15 | 11.32 | 9.39 | 81.0 | |
| Q3486-07 | TP6 | 35 | 1.13 | 10.25 | 11.38 | 10.16 | 88.1 | |
| Q3486-08 | TP6-E2 | 36 | 1.16 | 10.48 | 11.64 | 10.32 | 87.4 | |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

JB 137700

**WorkList Name :** %1-102925 **WorkList ID :** 192745 **Department :** Wet-Chemistry **Date :** 10-29-2025 07:47:12

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3368-13 | OUTSIDE-DUMPSTER | Solid | Percent Solids | Cool 4 deg C | ARAM01 | D41 | 10/16/2025 | Chemtech -SO |
| Q3368-14 | PRESS-SLUDGE | Solid | Percent Solids | Cool 4 deg C | ARAM01 | D41 | 10/16/2025 | Chemtech -SO |
| Q3482-01 | WC-1 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/24/2025 | Chemtech -SO |
| Q3482-02 | WC-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/24/2025 | Chemtech -SO |
| Q3482-03 | WC-3 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/24/2025 | Chemtech -SO |
| Q3482-04 | WC-4 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/24/2025 | Chemtech -SO |
| Q3482-05 | WC-5 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/24/2025 | Chemtech -SO |
| Q3482-06 | WC-6 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/24/2025 | Chemtech -SO |
| Q3482-07 | WC-7 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/24/2025 | Chemtech -SO |
| Q3483-01 | HW1025-PT-AN-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-02 | HW1025-PT-CORR-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-03 | HW1025-PT-CN-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-04 | HW1025-PT-CN-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-05 | HW1025-PT-FP-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-06 | HW1025-PT-CR6-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-07 | HW1025-PT-NUT-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-08 | HW1025-PT-NUT-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-09 | HW1025-PT-OGR-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-10 | HW1025-PT-MET-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-11 | HW1025-PT-BNA-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |

**Date/Time** 10/29/25 15:00

**Raw Sample Received by:** DWC

**Raw Sample Relinquished by:** AC(SM)

**Date/Time** 10/29/25 17:30

**Raw Sample Received by:** AC(SM)

**Raw Sample Relinquished by:** DWC

# WORKLIST(Hardcopy Internal Chain)

VB137700

**WorkList Name :** %1-102925 **WorkList ID :** 192745 **Department :** Wet-Chemistry **Date :** 10-29-2025 07:47:12

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3483-13 | HW1025-PT-PAH-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-14 | HW1025-PT-DIES-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-15 | HW1025-PT-GAS-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-16 | HW1025-PT-NJEPH-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-17 | HW1025-PT-HERB-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-18 | HW1025-PT-PCB-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-19 | HW1025-PT-PCBO-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-20 | HW1025-PT-PEST-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-21 | HW1025-PT-CHLOR-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-22 | HW1025-PT-TXP-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-23 | HW1025-PT-VOA-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3483-25 | HW1025-PT-NO2-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3485-01 | TR-04-102924 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D41 | 10/29/2025 | Chemtech -SO |
| Q3485-02 | TR-04-102924-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D41 | 10/29/2025 | Chemtech -SO |
| Q3486-01 | TP3 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3486-02 | TP3-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3486-03 | TP4 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3486-04 | TP4-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3486-05 | TP5 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3486-06 | TP5-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3486-07 | TP6 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |

**Date/Time** 10/29/25 1310.00

**Raw Sample Received by:** JB (WC)

**Raw Sample Relinquished by:** AA (SM)

**Date/Time** 10/29/25 1730

**Raw Sample Received by:** AA (SM)

**Raw Sample Relinquished by:** JB (WC)

# WORKLIST(Hardcopy Internal Chain)

VP 377000

**WorkList Name :** %1-102925 **WorkList ID :** 192745 **Department :** Wet-Chemistry **Date :** 10-29-2025 07:47:12

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3486-08 | TP6-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |

**Date/Time** 10/29/25 151.00

**Raw Sample Received by:** [illegible]

**Raw Sample Relinquished by:** [illegible]



**Date/Time** 10/29/25 1730

**Raw Sample Received by:** [illegible]

**Raw Sample Relinquished by:** [illegible]

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 10/31/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:15
**In Date:** 10/30/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:20
**Out Date:** 10/31/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB137714

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q3483-24 | HW1025-PT-SOL-SOIL | 1 | 1.16 | 10.70 | 11.86 | 9.24 | 75.5 | |
| Q3487-01 | KZZ294Z-A | 2 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3487-02 | KZZ294Z-B | 3 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3487-03 | KZZ256R-A | 4 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3487-04 | KZZ256R-B | 5 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3487-05 | JEH623H-A | 6 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3487-06 | JEH623H-B | 7 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3487-07 | M3-A | 8 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3487-08 | M3-B | 9 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3488-01 | MOO-25-0294-0298 | 10 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | Concreate sample |
| Q3488-02 | MOO-25-0299 | 11 | 1.15 | 10.33 | 11.48 | 10.88 | 94.2 | |
| Q3488-04 | MOO-25-0302-0310 | 12 | 1.18 | 10.45 | 11.63 | 10.08 | 85.2 | |
| Q3488-05 | MOO-25-0302-0310 | 13 | 1.15 | 10.46 | 11.61 | 10.7 | 91.3 | |
| Q3488-06 | MOO-25-0311-0313 | 46 | 1.15 | 10.37 | 11.52 | 10.64 | 91.5 | |
| Q3489-01 | 245F72-A | 14 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-02 | 245F72-B | 15 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-03 | L54-A | 16 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-04 | L54-B | 17 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-05 | L55-A | 18 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-06 | L55-A | 19 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-07 | L56-A | 20 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-08 | L56-B | 21 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-09 | L57-A | 22 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-10 | L57-B | 23 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-11 | L58-A | 24 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-12 | L58-2 | 25 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-13 | L59-A | 26 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-14 | L59-B | 27 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |

# PERCENT SOLID

**Supervisor:** Iwona
**Analyst:** jignesh
**Date:** 10/31/2025

**OVENTEMP IN Celsius(°C):** 107
**Time IN:** 17:15
**In Date:** 10/30/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**OvenID:** M OVEN#1

**OVENTEMP OUT Celsius(°C):** 104
**Time OUT:** 08:20
**Out Date:** 10/31/2025
**Weight Check 1.0g:** 1.00
**Weight Check 10g:** 10.00
**BalanceID:** M SC-4
**Thermometer ID:** % SOLID-OVEN

**QC:** LB137714

| 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 |
|---|---|---|---|---|---|---|---|---|
| Q3489-15 | L60-A | 28 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-16 | L60-B | 29 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-17 | L61-A | 30 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-18 | L61-B | 31 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-19 | L62-A | 32 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-20 | L62-B | 33 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-21 | L63-A | 34 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-22 | L63-B | 35 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-23 | L64-A | 36 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-24 | L64-B | 37 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-25 | L65-A | 38 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-26 | L65-B | 39 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-27 | STC21-A | 40 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-28 | STC21-B | 41 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-29 | STF24-A | 42 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3489-30 | STF24-B | 43 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | PILC |
| Q3490-01 | LAW-25-0151 | 44 | 1.00 | 1.00 | 2.00 | 2.00 | 100.0 | oily-debris |
| Q3491-01 | SOIL-CUTTINGS-COMP | 45 | 1.18 | 10.80 | 11.98 | 9.13 | 73.6 | |
| Q3495-01 | SB-1025-1 | 47 | 1.19 | 10.24 | 11.43 | 8.99 | 76.2 | |
| Q3495-02 | SB-1025-2 | 48 | 1.14 | 10.43 | 11.57 | 8.97 | 75.1 | |
| Q3496-01 | DRILL-CUTTINGS | 49 | 1.19 | 10.61 | 11.8 | 10.33 | 86.1 | |
| Q3496-02 | DRILL-CUTTINGS-E2 | 50 | 1.13 | 10.49 | 11.62 | 10.11 | 85.6 | |
| Q3497-01 | OK-01-103025 | 51 | 1.13 | 10.93 | 12.06 | 10.37 | 84.5 | |
| Q3497-02 | OK-01-103025-E2 | 52 | 1.19 | 10.59 | 11.78 | 10.25 | 85.6 | |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

UB137714

**WorkList Name :** %1-103025 **WorkList ID :** 192793 **Department :** Wet-Chemistry **Date :** 10-30-2025 10:50:32

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3483-24 | HW1025-PT-SOL-SOIL | Solid | Percent Solids | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | Chemtech -SO |
| Q3487-01 | KZZ294Z-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/29/2025 | Chemtech -SO |
| Q3487-02 | KZZ294Z-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/29/2025 | Chemtech -SO |
| Q3487-03 | KZZ256R-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/29/2025 | Chemtech -SO |
| Q3487-04 | KZZ256R-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/29/2025 | Chemtech -SO |
| Q3487-05 | JEH623H-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/29/2025 | Chemtech -SO |
| Q3487-06 | JEH623H-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/29/2025 | Chemtech -SO |
| Q3487-07 | M3-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/29/2025 | Chemtech -SO |
| Q3487-08 | M3-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D31 | 10/29/2025 | Chemtech -SO |
| Q3488-01 | MOO-25-0294-0298 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3488-02 | MOO-25-0299 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3488-04 | MOO-25-0302-0310 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3488-05 | MOO-25-0302-0310 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3488-06 | MOO-25-0311-0313 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-01 | 245F72-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-02 | 245F72-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-03 | L54-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-04 | L54-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-05 | L55-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-06 | L55-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-07 | L56-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |

**Date/Time** 10/30/25 15:00

**Raw Sample Received by:** [illegible] (WC)

**Raw Sample Relinquished by:** RJ (FedEx)

**Date/Time** 10/30/25 17:30

**Raw Sample Received by:** RJ (FedEx)

**Raw Sample Relinquished by:** [illegible] (WC)

# WORKLIST(Hardcopy Internal Chain)

VB 137714

**WorkList Name :** %1-103025 **WorkList ID :** 192793 **Department :** Wet-Chemistry **Date :** 10-30-2025 10:50:32

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3489-08 | L56-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-09 | L57-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-10 | L57-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-11 | L58-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-12 | L58-2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-13 | L59-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-14 | L59-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-15 | L60-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-16 | L60-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-17 | L61-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-18 | L61-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-19 | L62-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-20 | L62-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-21 | L63-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-22 | L63-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-23 | L64-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-24 | L64-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-25 | L65-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-26 | L65-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-27 | STC21-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-28 | STC21-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |

**Date/Time** 10/30/25 15:30

**Raw Sample Received by:** RJ (WC)

**Raw Sample Relinquished by:** RJ (EH-Feb)

**Date/Time** 10/30/25 17:30

**Raw Sample Received by:** RJ (EH-Feb)

**Raw Sample Relinquished by:** RJ (WC)

# WORKLIST(Hardcopy Internal Chain)

VB 13F714

**WorkList Name :** %1-103025 **WorkList ID :** 192793 **Department :** Wet-Chemistry **Date :** 10-30-2025 10:50:32

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3489-29 | STF24-A | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3489-30 | STF24-B | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3490-01 | LAW-25-0151 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3491-01 | SOIL-CUTTINGS-COMP | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/29/2025 | Chemtech -SO |
| Q3495-01 | SB-1025-1 | Solid | Percent Solids | Cool 4 deg C | REMI02 | D51 | 10/27/2025 | Chemtech -SO |
| Q3495-02 | SB-1025-2 | Solid | Percent Solids | Cool 4 deg C | REMI02 | D51 | 10/27/2025 | Chemtech -SO |
| Q3496-01 | DRILL-CUTTINGS | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/30/2025 | Chemtech -SO |
| Q3496-02 | DRILL-CUTTINGS-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG03 | D41 | 10/30/2025 | Chemtech -SO |
| Q3497-01 | OK-01-103025 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D41 | 10/30/2025 | Chemtech -SO |
| Q3497-02 | OK-01-103025-E2 | Solid | Percent Solids | Cool 4 deg C | PSEG05 | D41 | 10/30/2025 | Chemtech -SO |

**Date/Time** 10/30/25 15:00
**Raw Sample Received by:** LWC
**Raw Sample Relinquished by:** RJ (EH-Lab)



**Date/Time** 10/30/25 17:30
**Raw Sample Received by:** RJ (EH-Lab)
**Raw Sample Relinquished by:** LWC

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

PB170598

**SOP ID:** M3541-ASE Extraction-15

**Clean Up SOP #:** N/A

**Matrix :** Solid

**Weigh By:** EH

**Balance check:** EH

**Balance ID:** EX-SC-2

**pH Strip Lot#:** N/A

**Extraction By:** RJ

**Filter By:** RJ

**pH Meter ID:** N/A

**Hood ID:** 3,7

**Extraction Start Date :** 11/18/2025

**Extraction Start Time :** 09:18

**Extraction End Date :** 11/18/2025

**Extraction End Time :** 12:30

**Concentration By:** EH

**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 | SP6895 |
| Surrogate | 1.0ML | 100/150 PPM | SP6918 |
| LOD | 1.0ML | ~~N/A~~ 4PPM/8 PPM | SP6920/6922 |
| LOQ | 1.0ML | ~~N/A~~ 5PPM/10PPM | SP6921/6923 |
| LOQ | 0.5ML | ~~N/A~~ 5PPM | SP6921 |

RS 11/18

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---|---|---|
| MeCl2/Acetone/1:1 | N/A | EP2659 |
| Baked Na2SO4 | N/A | EP2655 |
| Sand | N/A | E3951 |
| Methylene Chloride | N/A | E3986 |
| 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 Vial Lot # 2210443.

**KD Bath ID:** N/A

**KD Bath Temperature:** N/A

**Envap ID:** N-EVAP-02

**Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|---|---|---|
| 11/18/25 | RS (Ext Lab) | JG/SVOC |
| 12:35 | **Preparation Group** | **Analysis Group** |

Alliance TECHNICAL GROUP

**EXTRACTION LOGPAGE**

**PrepBatch ID : PB170598**

**Analytical Method:** M3541-ASE Extraction-15 **Concentration Date:** 11/18/2025

| Sample ID | Client Sample ID | Test | g / mL | PH | Surr/Spike By: | | Final Vol. (mL) | JarID | Comments | Prep Pos |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | AddedBy | VerifiedBy | | | | |
| PB170598BL | SBLK598 | SVOC-TCL BNA -20 | 30.01 | N/A | ritesh | Evelyn | 1 | | | U6-1 |
| PB170598BS | SLCS598 | SVOC-TCL BNA -20 | 30.03 | N/A | ritesh | Evelyn | 1 | | | 2 |
| Q3483-11 | HW1025-PT-BNA-SOIL | SVOCMS Group1 | 29.85 | N/A | ritesh | Evelyn | 1 | | | 3 |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL | SVOCMS Group4 | 30.36 | N/A | ritesh | Evelyn | 1 | | | 4 |
| Q3530-01 | LOD-MDL-SOIL-01-QT4-2025 4PPM | SVOC-Chemtech Full -25 | 30.02 | N/A | ritesh | Evelyn | 1 | | | 4 |
| Q3530-02 | LOQ-SOIL-02-QT4-2025 5PPM | SVOC-Chemtech Full -25 | 30.03 | N/A | ritesh | Evelyn | 1 | | | 6 |
| Q3641-01 | TR-05-111325 | SVOC-TCL BNA -20 | 50.09 | N/A | ritesh | Evelyn | 1 | E | | U1-1 |
| Q3652-01 | TP-1 | SVOC-TCL BNA -20 | 50.04 | N/A | ritesh | Evelyn | 1 | E | | 2 |
| Q3656-01 | T2-GRAVEL | SVOC-TCL BNA -20 | 50.07 | N/A | ritesh | Evelyn | 1 | E | Stone + Small Particles | 3 |
| Q3657-01 | SEWAREN-CONCRETE | SVOC-PAH | 50.05 | N/A | ritesh | Evelyn | 1 | B | Concrete | 4 |
| Q3658-01 | NB-07-111725 | SVOC-TCL BNA -20 | 50.08 | N/A | ritesh | Evelyn | 1 | E | | 5 |
| Q3658-01MS | NB-07-111725MS | SVOC-TCL BNA -20 | 50.03 | N/A | ritesh | Evelyn | 1 | E | | 6 |
| Q3658-01MSD | NB-07-111725MSD | SVOC-TCL BNA -20 | 50.02 | N/A | ritesh | Evelyn | 1 | E | | U2-1 |
| Q3530-01 | LOD-SOIL-QT4-2025 8PPM | SVOC-Chemtech Full -25 | 30.04 | 1 | 1 | 1 | 1 | | | 2 |
| Q3530-02 | LOQ-SOIL-QT4-2025 10PPM | 1 | 30.01 | 1 | 1 | 1 | 1 | | | 3 |
| Q3530-02 | LOQ-SOIL-QT4-2025 25PPM | 1 | 30.02 | 1 | 1 | 1 | 1 | | | 4 |

RS
11/18

* **Extracts relinguished on the same date as received.**

**CHEMTECH** 284 Sheffield Street, Mountainside NJ 07092

## RE-EXTRACTION NOTIFICATION

DATE: 11/18/25 Initiated by: JY

Fraction: SVOC

Reason: ✓ Low Surrogate Recovery

____ Other _____

| Samples affected: | Matrix | Sample Date | Prep. Batch | Extra Sample Yes No | Verified By | New Prep. Batch |
|---|---|---|---|---|---|---|
| Q3642-02 | Soil | 11-13-25 | PB170576 | YES | RS | PB170598 |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| | | | | | | RS 11/18 |
| | | | | | | |

Extraction Supervisor Signature: RS Date: 11/18/25

Form Initiator's Signature: JY Date: 11/18/25

170598
9:18

# WORKLIST(Hardcopy Internal Chain)

**WorkList Name :** Q3657 **WorkList ID :** 193170 **Department :** Extraction **Date :** 11-18-2025 08:33:43

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3483-11 | HW1025-PT-BNA-SOIL | Solid | SVOCMS Group1 | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | 8270E |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL | Solid | SVOCMS Group4 | Cool 4 deg C | ALLI03 | QA Of | 10/27/2025 | 8270E |
| Q3530-01 | LOD-MDL-SOIL-01-QT4-2025 | Solid | SVOC-Chemtech Full -25 | Cool 4 deg C | ALLI03 | QA Of | 11/03/2025 | 8270E |
| Q3530-02 | LOQ-SOIL-02-QT4-2025 | Solid | SVOC-Chemtech Full -25 | Cool 4 deg C | ALLI03 | QA Of | 11/03/2025 | 8270E |
| Q3641-01 | TR-05-111325 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG05 | D41 | 11/13/2025 | 8270E |
| Q3652-01 | TP-1 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03 | D41 | 11/17/2025 | 8270E |
| Q3656-01 | T2-GRAVEL | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03 | D41 | 11/17/2025 | 8270E |
| Q3657-01 | SEWAREN-CONCRETE | Solid | SVOC-PAH | Cool 4 deg C | PSEG03 | D41 | 11/17/2025 | 8270E |
| Q3658-01 | NB-07-111725 | Solid | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG05 | D41 | 11/17/2025 | 8270E |

**Date/Time** 11/18/25 9:15
**Raw Sample Received by:** RJ (Ext lab)
**Raw Sample Relinquished by:** CP SM



**Date/Time** 11/18/25 9:30
**Raw Sample Received by:** CP SM
**Raw Sample Relinquished by:** RJ (Ext lab)

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# Prep Standard - Chemical Standard Summary

**Order ID :** Q3483

**Test :** SVOCMS Group1

**Prepbatch ID :** PB170598,

**Sequence ID/Qc Batch ID:** BG111825,BP112725,

**Standard ID :**
EP2655,EP2659,SP6856,SP6860,SP6875,SP6895,SP6909,SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917,SP6918,SP6919,SP6920/6922,SP6921,SP6921/6923,SP6927,SP6928,

**Chemical ID :**
10ul/1000ul sample,E3875,E3951,E3954,E3973,E3979,E3980,E3982,E3986,P6910,S11485,S11652,S11791,S11807,S12197,S12201,S12202,S12203,S12204,S12220,S12245,S12246,S12306,S12307,S12309,S12560,S12561,S12562,S12563,S12564,S12577,S12739,S12740,S12776,S12777,S12905,S12906,S12907,S12908,S12909,S13097,S13098,S13099,S13100,S13101,S13121,S13122,S13123,S13149,S13160,S13170,S13182,S13183,S13184,S13207,S13214,S13215,S13232,S13233,S13244,S13245,S13246,S13247,S13248,S13249,S13299,

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# Extractions STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 3923 | Baked Sodium Sulfate | EP2655 | 10/24/2025 | 01/28/2026 | RUPESHKUMAR SHAH | Extraction_SCALE_2 (EX-SC-2) | None | Riteshkumar Patel 10/24/2025 |

**FROM** 4000.00000gram of E3875 = 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 | EP2659 | 11/03/2025 | 04/16/2026 | RUPESHKUMAR SHAH | None | None | Riteshkumar Patel 11/03/2025 |

**FROM** 8000.00000ml of E3980 + 8000.00000ml of E3982 = Final Quantity: 16000.000 ml

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# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4215 | New 8270E/625.1 ICAL Stock Solution 100 ng | SP6856 | 08/12/2025 | 12/16/2025 | Jagrut Upadhyay | None | None | mohammad ahmed 08/22/2025 |

**FROM** 0.04000ml of S13207 + 0.20000ml of S12197 + 0.30000ml of S12306 + 0.40000ml of S12220 + 0.50000ml of S11807 + 0.50000ml of S12245 + 0.50000ml of S12776 + 0.50000ml of S13214 + 0.50000ml of S13233 + 0.70000ml of S12307 + 1.00000ml of S12739 + 4.86000ml of E3954 = Final Quantity: 10.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4219 | 40ng ICC | SP6860 | 08/12/2025 | 12/16/2025 | Jagrut Upadhyay | None | None | mohammad ahmed 08/22/2025 |

**FROM** 0.01000ml of S13170 + 0.60000ml of E3954 + 0.40000ml of SP6856 = 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 |
|---|---|---|---|---|---|---|---|---|
| 3895 | 50 ug/ml DFTPP 8270E | SP6875 | 09/30/2025 | 03/30/2026 | Rahul Chavli | None | None | Jagrut Upadhyay 09/30/2025 |

**FROM** 1.00000ml of S12577 + 19.00000ml of E3973 = Final Quantity: 20.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 171 | 8270/625 Spike Solution, 50/100 PPM | SP6895 | 10/16/2025 | 11/30/2025 | Jagrut Upadhyay | None | None | Rahul Chavli 10/16/2025 |

**FROM** 0.20000ml of S11485 + 0.20000ml of S11652 + 0.20000ml of S13149 + 0.20000ml of S13160 + 0.20000ml of S13207 + 0.20000ml of S13244 + 0.40000ml of S13101 + 0.70000ml of S13097 + 1.10000ml of S12560 + 1.20000ml of S13122 + 1.20000ml of S13245 + 1.20000ml of S13246 + 1.20000ml of S13247 + 1.20000ml of S13248 + 1.30000ml of S12561 + 1.30000ml of S12562 + 1.30000ml of S12563 + 1.30000ml of S13098 + 1.30000ml of S13099 + 1.30000ml of S13100 + 1.30000ml of S13121 + 81.50000ml of E3979 = Final Quantity: 100.000 ml

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# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4215 | New 8270E/625.1 ICAL Stock Solution 100 ng | SP6909 | 11/11/2025 | 01/31/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.04000ml of S13207 + 0.05000ml of S13232 + 0.15000ml of S13214 + 0.20000ml of S12201 + 0.35000ml of S13215 + 0.40000ml of S12905 + 0.45000ml of S13233 + 0.50000ml of S12246 + 0.50000ml of S12777 + 0.50000ml of S13122 + 1.00000ml of S12309 + 1.00000ml of S12740 + 4.86000ml of E3980 = Final Quantity: 10.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4216 | 80ng ICC | SP6910 | 11/11/2025 | 01/31/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.01000ml of S13182 + 0.20000ml of E3980 + 0.80000ml of SP6909 = 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 |
|---|---|---|---|---|---|---|---|---|
| 4217 | 60ng ICC | SP6911 | 11/11/2025 | 01/31/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.01000ml of S13182 + 0.40000ml of E3980 + 0.60000ml of SP6909 = Final Quantity: 1.010 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4222 | 5ng ICC | SP6912 | 11/11/2025 | 12/16/2025 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.01000ml of S13182 + 0.87500ml of E3980 + 0.12500ml of SP6860 = 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 |
|---|---|---|---|---|---|---|---|---|
| 4219 | 40ng ICC | SP6913 | 11/11/2025 | 01/31/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.01000ml of S13182 + 0.60000ml of E3980 + 0.40000ml of SP6909 = Final Quantity: 1.010 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4220 | 20ng ICC | SP6914 | 11/11/2025 | 01/31/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.01000ml of S13182 + 0.80000ml of E3980 + 0.20000ml of SP6909 = 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 |
|---|---|---|---|---|---|---|---|---|
| 4221 | 10ng ICC | SP6915 | 11/11/2025 | 01/31/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.01000ml of S13182 + 0.75000ml of E3980 + 0.25000ml of SP6913 = Final Quantity: 1.010 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 4222 | 5ng ICC | SP6916 | 11/11/2025 | 01/31/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.01000ml of S13182 + 0.87500ml of E3980 + 0.12500ml of SP6913 = 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 |
|---|---|---|---|---|---|---|---|---|
| 4223 | 2.5ng ICC | SP6917 | 11/11/2025 | 01/31/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 0.01000ml of S13182 + 0.50000ml of E3980 + 0.50000ml of SP6916 = Final Quantity: 1.010 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 | SP6918 | 11/13/2025 | 03/22/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/13/2025 |

**FROM** 1.50000ml of S12905 + 2.00000ml of S12909 + 4.00000ml of S12201 + 5.50000ml of S12202 + 5.50000ml of S12203 + 5.50000ml of S12906 + 5.50000ml of S12907 + 5.50000ml of S12908 + 965.00000ml of E3982 = Final Quantity: 1000.000 ml

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# SVOC STANDARD PREPARATION LOG

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1366 | LOQ & LOD 20 PPM | SP6919 | 11/17/2025 | 04/16/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/17/2025 |

**FROM** 0.20000ml of S13123 + 0.40000ml of S12564 + 0.40000ml of S13249 + 0.40000ml of S13299 + 18.60000ml of E3986 = Final Quantity: 20.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 1368 | LOQ & LOD 5 PPM | SP6921 | 11/17/2025 | 04/16/2026 | Jagrut Upadhyay | None | None | mohammad ahmed 11/17/2025 |

**FROM** 6.00000ml of E3986 + 2.00000ml of SP6919 = Final Quantity: 8.000 ml

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# SVOC STANDARD PREPARATION LOG

| 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) | SP6927 | 11/18/2025 | 04/16/2026 | Jagrut Upadhyay | None | None | Sohil Jodhani 12/08/2025 |

**FROM** 0.04000ml of S12204 + 0.08000ml of S12909 + 0.10000ml of S11791 + 0.20000ml of S12564 + 0.20000ml of S13249 + 0.20000ml of S13299 + 1.18000ml of E3986 = Final Quantity: 2.000 ml

| Recipe ID | NAME | NO. | Prep Date | Expiration Date | Prepared By | ScaleID | PipetteID | Supervised By |
|---|---|---|---|---|---|---|---|---|
| 416 | 40 ng BNA ICV, 40 PPM | SP6928 | 11/18/2025 | 04/16/2026 | Jagrut Upadhyay | None | None | Sohil Jodhani 12/08/2025 |

**FROM** 0.01000ml of S13183 + 0.60000ml of E3986 + 0.40000ml of SP6927 = Final Quantity: 1.010 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 | 417203 | 07/28/2026 | 07/28/2025 / RUPESH | 01/29/2025 / Rajesh | E3875 |

| 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 # |
|---|---|---|---|---|---|---|
| Seidler Chemical | BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 25C1262005 | 04/16/2026 | 09/15/2025 / Riteshkumar | 09/15/2025 / Riteshkumar | E3973 |

| 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) | 24L1062001 | 10/04/2027 | 10/15/2025 / RITESHKUMAR | 09/29/2025 / Riteshkumar | E3979 |

| 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) | 25C1262005 | 04/16/2026 | 10/10/2025 / RUPESH | 10/10/2025 / RUPESH | E3980 |

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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) | 24L1062001 | 10/04/2027 | 10/31/2025 / RUPESH | 10/31/2025 / RUPESH | E3982 |

| 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) | 25C1262005 | 04/16/2026 | 11/14/2025 / RUPESH | 11/05/2025 / RUPESH | E3986 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| ULTRA Scientific | HBM-8151M / Chlorinated Herbicide Mixtures, Methyl Esters | CR-3523 | 09/30/2019 | 06/17/2018 / eghosa | 12/04/2017 / eghosa | P6910 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| ULTRA Scientific | HBM-8151M / Chlorinated Herbicide Mixtures, Methyl Esters | CR-3523 | 09/30/2019 | 06/17/2018 / eghosa | 12/04/2017 / eghosa | P6910 |

| 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 | 04/16/2026 | 10/16/2025 / Jagrut | 08/10/2023 / yogesh | S11485 |

| 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 | 01/30/2026 | 07/30/2025 / Rahul | 11/09/2023 / Yogesh | S11652 |

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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 | A0196453 | 05/18/2026 | 11/18/2025 / Jagrut | 11/21/2023 / Rahul | S11791 |

| 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 # |
|---|---|---|---|---|---|---|
| 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 | 03/22/2026 | 09/22/2025 / Jagrut | 03/15/2024 / Rahul | S12201 |

| 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 | 05/13/2026 | 11/13/2025 / Jagrut | 03/15/2024 / Rahul | S12202 |

| 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 | 05/13/2026 | 11/13/2025 / Jagrut | 03/15/2024 / Rahul | S12203 |

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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 | 31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul | A0206206 | 05/18/2026 | 11/18/2025 / Jagrut | 03/15/2024 / Rahul | S12204 |

| 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 # |
|---|---|---|---|---|---|---|
| Restek | 30409 / Pyridine, 2000 PPM in P & T Methanol | A0206650 | 12/16/2025 | 06/16/2025 / Jagrut | 05/14/2024 / Rahul | S12245 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 30409 / Pyridine, 2000 PPM in P & T Methanol | A0206650 | 04/08/2026 | 10/08/2025 / Jagrut | 05/14/2024 / Rahul | S12246 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL | A0206859 | 01/31/2026 | 08/12/2025 / Jagrut | 05/30/2024 / Rahul | S12306 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL | A0206859 | 01/31/2026 | 08/12/2025 / Jagrut | 05/30/2024 / Rahul | S12307 |

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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 | 31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL | A0206859 | 01/31/2026 | 11/07/2025 / Jagrut | 05/30/2024 / Rahul | S12309 |

| 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 | 03/22/2026 | 09/22/2025 / Jagrut | 07/23/2024 / RAHUL | S12560 |

| 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 | 04/16/2026 | 10/16/2025 / Jagrut | 07/23/2024 / RAHUL | S12561 |

| 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 | 04/16/2026 | 10/16/2025 / Jagrut | 07/23/2024 / RAHUL | S12562 |

| 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 | 04/16/2026 | 10/16/2025 / Jagrut | 07/23/2024 / RAHUL | S12563 |

| 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 | 07/31/2026 | 11/17/2025 / Jagrut | 07/23/2024 / RAHUL | S12564 |

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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 | 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 | 31900 / SOM01.1 Mega Mix, 500-1000 ug/ml | A0215529 | 02/12/2026 | 08/12/2025 / Jagrut | 10/08/2024 / anahy | S12739 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31900 / SOM01.1 Mega Mix, 500-1000 ug/ml | A0215529 | 02/28/2026 | 11/07/2025 / Jagrut | 10/08/2024 / anahy | S12740 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride | 061323 | 02/12/2026 | 08/12/2025 / Jagrut | 11/08/2024 / anahy | S12776 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Absolute Standards, Inc. | 90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride | 061323 | 04/08/2026 | 10/08/2025 / Jagrut | 11/08/2024 / anahy | S12777 |

| 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 | A0216785 | 03/22/2026 | 09/22/2025 / Jagrut | 12/09/2024 / anahy | S12905 |

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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 | A0216785 | 05/13/2026 | 11/13/2025 / Jagrut | 12/09/2024 / anahy | S12906 |

| 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 | A0216785 | 05/13/2026 | 11/13/2025 / Jagrut | 12/09/2024 / anahy | S12907 |

| 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 | A0216785 | 05/13/2026 | 11/13/2025 / Jagrut | 12/09/2024 / anahy | S12908 |

| 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 | A0216785 | 05/13/2026 | 11/13/2025 / Jagrut | 12/09/2024 / anahy | S12909 |

| 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 | 09/03/2025 / Jagrut | 05/20/2025 / Rahul | S13097 |

| 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 | 10/16/2025 / Jagrut | 05/20/2025 / Rahul | S13098 |

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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 | 31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2] | A0221014 | 11/30/2025 | 10/16/2025 / Jagrut | 05/20/2025 / Rahul | S13099 |

| 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 | 10/16/2025 / Jagrut | 05/20/2025 / Rahul | S13100 |

| 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 | 10/16/2025 / Jagrut | 05/20/2025 / Rahul | S13101 |

| 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 | A0218894 | 04/08/2026 | 10/08/2025 / Jagrut | 05/20/2025 / Rahul | S13121 |

| 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 | A0218894 | 04/16/2026 | 10/16/2025 / Jagrut | 05/20/2025 / Rahul | S13122 |

| 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 | A0218894 | 05/17/2026 | 11/17/2025 / Jagrut | 05/20/2025 / Rahul | S13123 |

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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 | 555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2] | A0201702 | 02/25/2026 | 08/25/2025 / Jagrut | 11/13/2023 / Rahul | S13149 |

| 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 | 02/25/2026 | 08/25/2025 / Jagrut | 06/04/2025 / Rahul | S13160 |

| 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 | 02/11/2026 | 08/11/2025 / Rahul | 06/02/2025 / anahy | S13170 |

| 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 | 05/07/2026 | 11/07/2025 / rahul | 06/02/2025 / anahy | S13182 |

| 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 | 05/13/2026 | 11/13/2025 / rahul | 06/02/2025 / anahy | S13183 |

| 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 | 05/21/2026 | 11/21/2025 / Jagrut | 06/02/2025 / anahy | S13184 |

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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 | 555868 / Custom Standard, Benzidine Std [CS 5328-1] | A0226493 | 02/12/2026 | 08/12/2025 / Jagrut | 06/11/2025 / anahy | S13207 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul | A0221395 | 02/12/2026 | 08/12/2025 / Jagrut | 07/10/2025 / anahy | S13214 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul | A0221395 | 05/07/2026 | 11/07/2025 / Jagrut | 07/10/2025 / anahy | S13215 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul, Chromatographic, CS-347186 | A0228192 | 05/07/2026 | 11/07/2025 / Jagrut | 08/01/2025 / Rahul | S13232 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| Restek | 582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul, Chromatographic, CS-347186 | A0228192 | 02/12/2026 | 08/12/2025 / Jagrut | 08/01/2025 / Rahul | S13233 |

| 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] | A0228451 | 02/25/2026 | 08/25/2025 / Jagrut | 08/06/2025 / Rahul | S13244 |

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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] | A0228451 | 03/23/2026 | 09/22/2025 / Jagrut | 08/06/2025 / Rahul | S13245 |

| 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] | A0228451 | 04/16/2026 | 10/16/2025 / Jagrut | 08/06/2025 / Rahul | S13246 |

| 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] | A0228451 | 04/16/2026 | 10/16/2025 / Jagrut | 08/06/2025 / Rahul | S13247 |

| 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] | A0228451 | 04/16/2026 | 10/16/2025 / Jagrut | 08/06/2025 / Rahul | S13248 |

| 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] | A0228451 | 04/27/2026 | 10/27/2025 / Jagrut | 08/06/2025 / Rahul | S13249 |

| 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] | A0229652 | 04/27/2026 | 10/27/2025 / Jagrut | 10/15/2025 / rahul | S13299 |

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
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: | MAY/23/2024 |
| LOT NUMBER : | 417203 | | |

| TEST | SPECIFICATIONS | LOT VALUES |
|---|---|---|
| Assay ($Na_2SO_4$) | Min. 99.0% | 99.8 % |
| pH of a 5% solution at 25°C | 5.2 - 9.2 | 6.2 |
| Insoluble matter | Max. 0.01% | 0.001 % |
| 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% | 0.001 % |
| Magnesium (Mg) | Max. 0.005% | 0.001 % |
| Potassium (K) | Max. 0.008% | 0.001 % |
| 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% | 0.2 % |
| Retained on US Standard No. 60 sieve | Min. 94% | 96.2 % |
| Through US Standard No. 60 sieve | Max. 5% | 3.5 % |
| 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.



E 3875

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

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.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 99.7 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.3 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.1 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | 0.3 % |
| 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

E3979

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.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date:2026-04-16
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 | 1 |
| Assay ($CH_2Cl_2$) (by GC, exclusive of preservative, corrected for water) | >= 99.8 % | 100.0 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.1 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

Rec. on 6/10/25 PJ

E3980

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.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

# Certificate of Analysis

| Test | Specification | Result |
|---|---|---|
| Assay ($(CH_3)_2CO$) (by GC, corrected forwater) | >= 99.4 % | 99.7 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.3 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0.1 |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 |
| Water ($H_2O$) | <= 0.5 % | 0.3 % |
| 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

Received on 10/29/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3982

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.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date:2026-04-16
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 | 1 |
| Assay ($CH_2Cl_2$) (by GC, exclusive of preservative, corrected for water) | >= 99.8 % | 100.0 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.1 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

Received on 11/5/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3986

J Croak

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

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

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Certificate #3222.01

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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.*

S11484 ↓ S11493 Y.P. 08/10/23

**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

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.

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

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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

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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.)

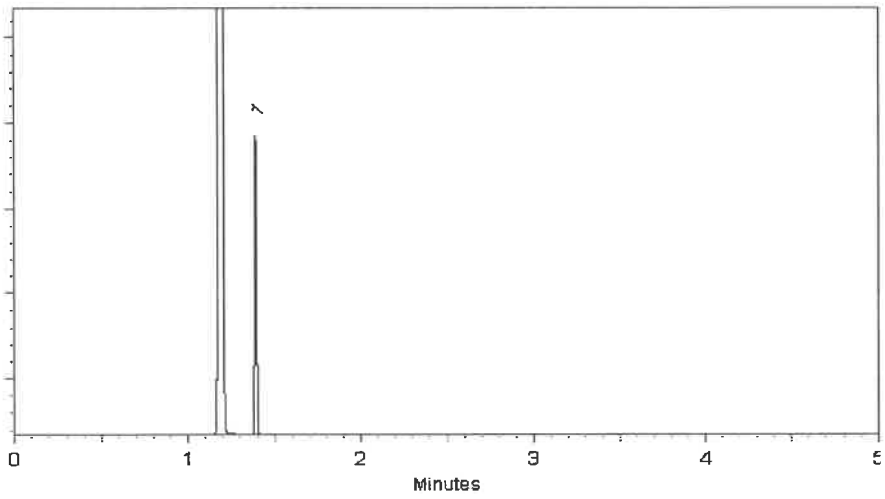
**Inj. Temp:**
250°C

**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.
- 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

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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.)

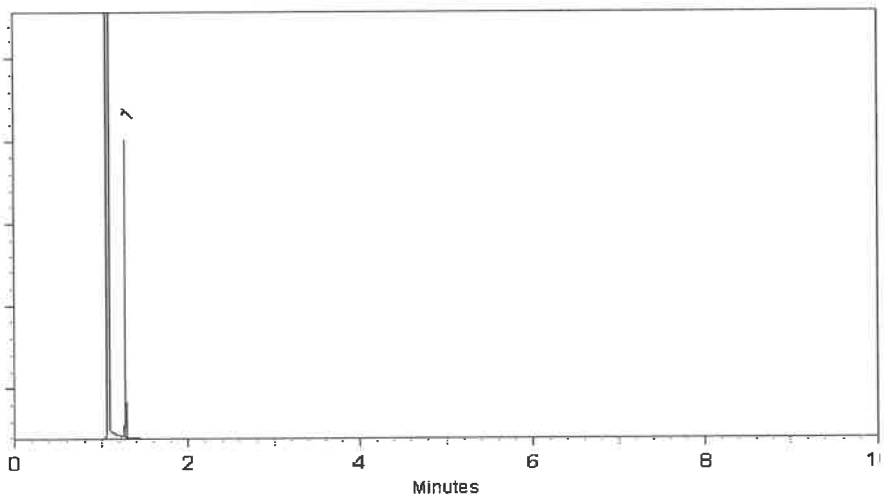
**Inj. Temp:**
250°C

**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

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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.)

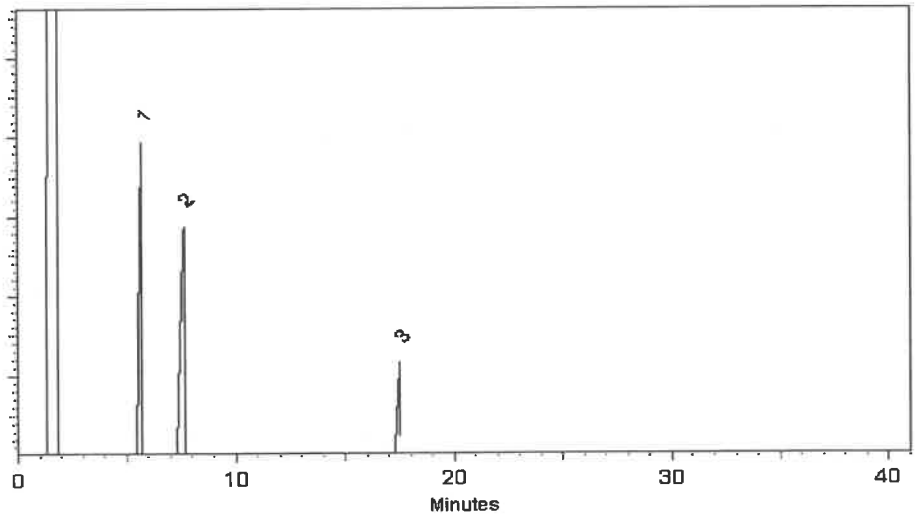
**Inj. Temp:**
250°C

**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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# Certificate of Analysis

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**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

S12187 ↓ S12206 } RC/ 03/18/24

**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.)

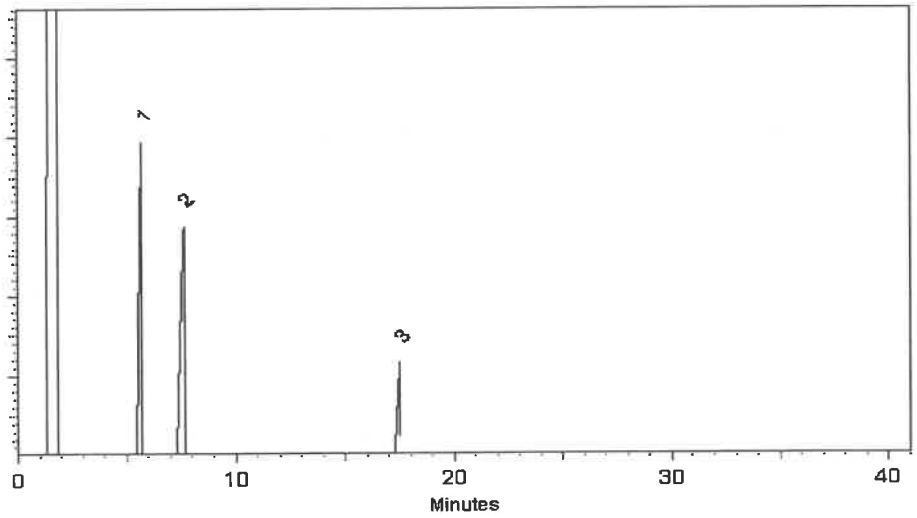
**Inj. Temp:**
250°C

**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

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**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.)

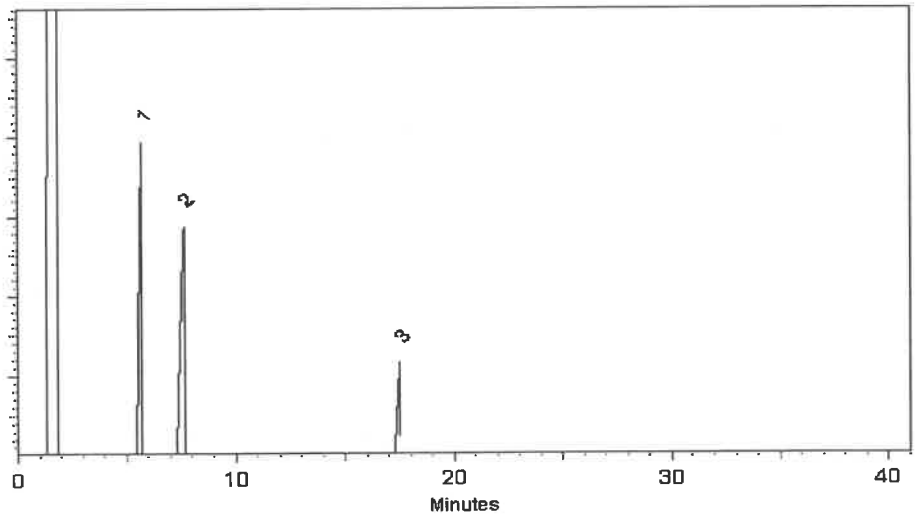
**Inj. Temp:**
250°C

**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

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**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.)

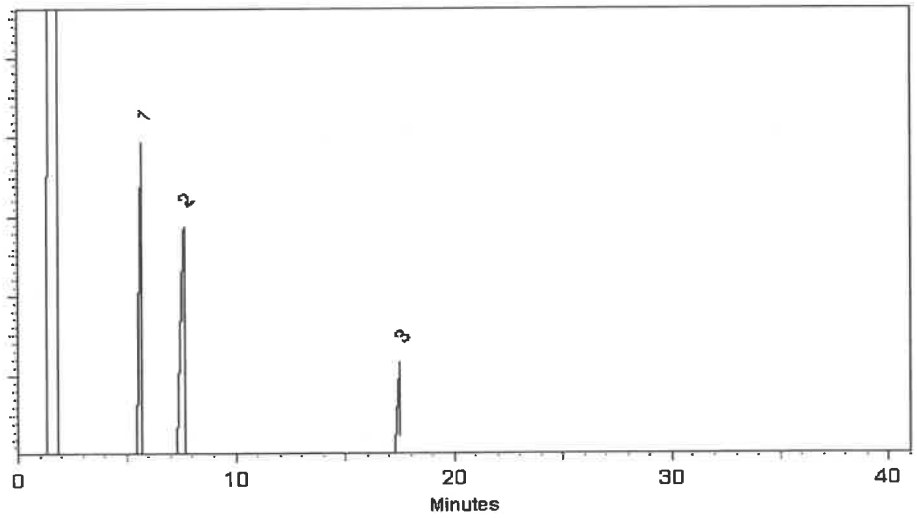
**Inj. Temp:**
250°C

**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

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**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

S12187 ↓ S12206 } RC/ 03/18/24

**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.)

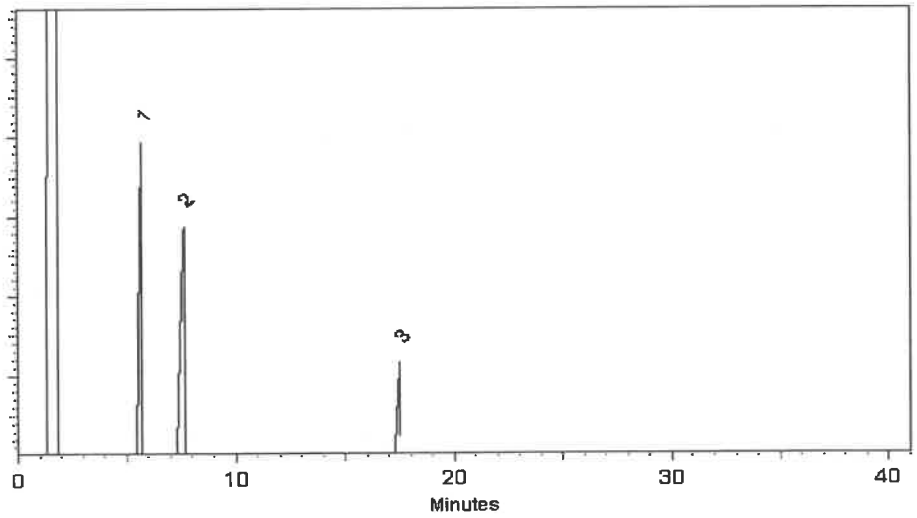
**Inj. Temp:**
250°C

**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

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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

**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

S12207 ↓ S12221 RC/ 03/18/24

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.)

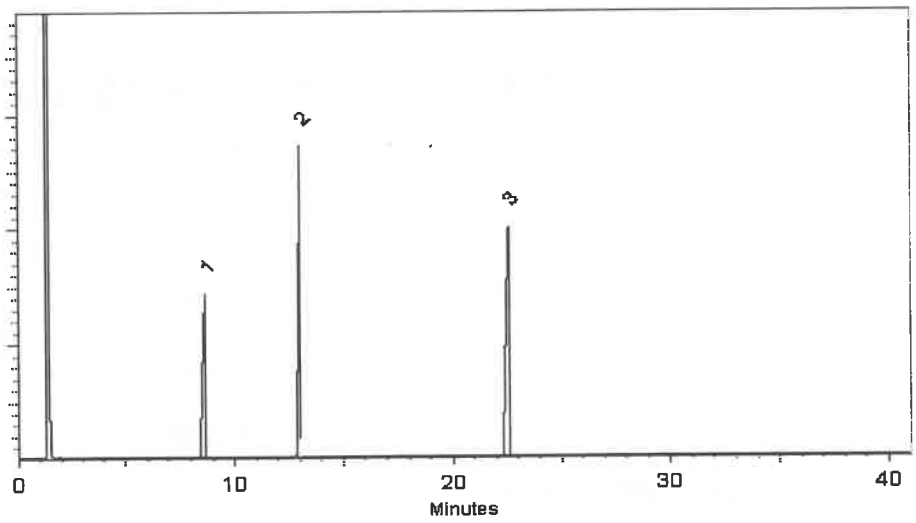
**Inj. Temp:**
250°C

**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

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**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. :** 30409 **Lot No.:** A0206650

**Description :** Pyridine Standard

Pyridine 2000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** October 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

S12242 ↓ S12254 RC/ 5/15/24

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% | 2,020.0 µg/mL | +/- 33.0924 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

# Quality Confirmation Test

**Column:**
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

**Carrier Gas:**
hydrogen-constant pressure 11.0 psi.

**Temp. Program:**
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

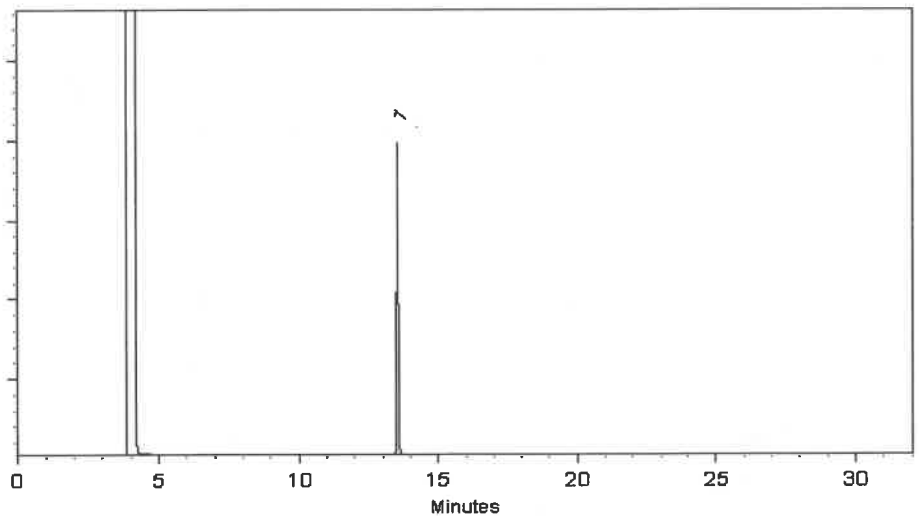
**Inj. Temp:**
200°C

**Det. Temp:**
250°C

**Det. Type:**
FID

**Split Vent:**
40 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:** 16-Jan-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 18-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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**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. :** 30409 **Lot No.:** A0206650

**Description :** Pyridine Standard

Pyridine 2000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** October 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

S12242 ↓ S12254 RC/ 5/15/24

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% | 2,020.0 µg/mL | +/- 33.0924 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

# Quality Confirmation Test

**Column:**
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

**Carrier Gas:**
hydrogen-constant pressure 11.0 psi.

**Temp. Program:**
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

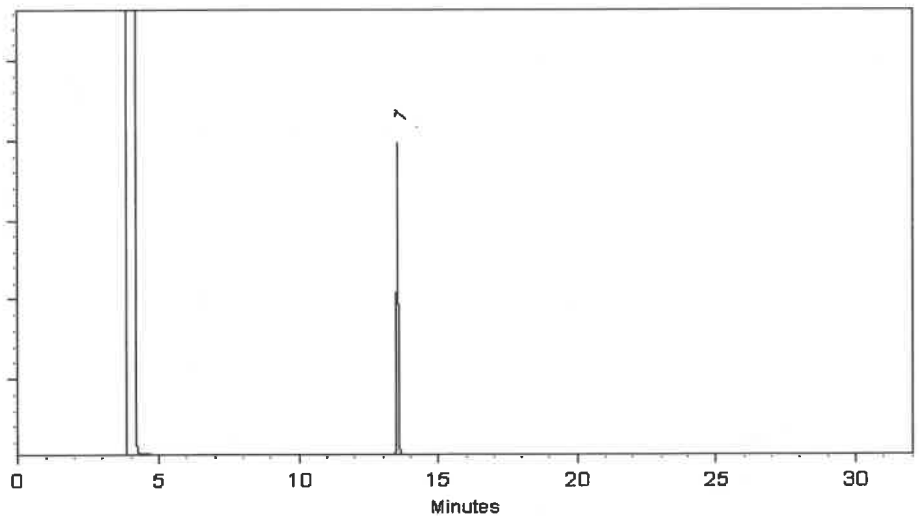
**Inj. Temp:**
200°C

**Det. Temp:**
250°C

**Det. Type:**
FID

**Split Vent:**
40 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:** 16-Jan-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 18-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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S12302 ↓ S12311 } RC/ 5/30/24

**Catalog No. :** 31902 **Lot No.:** A0206859

**Description :** Additions Standard

Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Benzaldehyde | 100-52-7 | RD231129RSRA | 99% | 1,005.0 µg/mL | +/- 29.5419 |
| 2 | epsilon-Caprolactam | 105-60-2 | I16X016 | 99% | 1,008.8 µg/mL | +/- 29.6521 |
| 3 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,008.8 µg/mL | +/- 29.6521 |

* 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.)

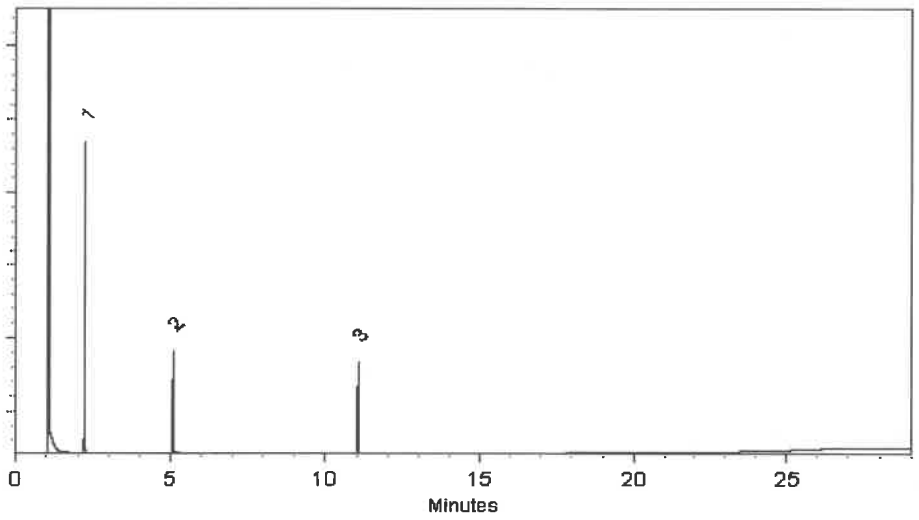
**Inj. Temp:**
250°C

**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.

Stacey Wanner - Operations Technician I

**Date Mixed:** 23-Jan-2024 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 24-Jan-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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**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.*

S12302 ↓ S12311 } RC/ 5/30/24

**Catalog No. :** 31902 **Lot No.:** A0206859

**Description :** Additions Standard

Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Benzaldehyde | 100-52-7 | RD231129RSRA | 99% | 1,005.0 µg/mL | +/- 29.5419 |
| 2 | epsilon-Caprolactam | 105-60-2 | I16X016 | 99% | 1,008.8 µg/mL | +/- 29.6521 |
| 3 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,008.8 µg/mL | +/- 29.6521 |

* 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.)

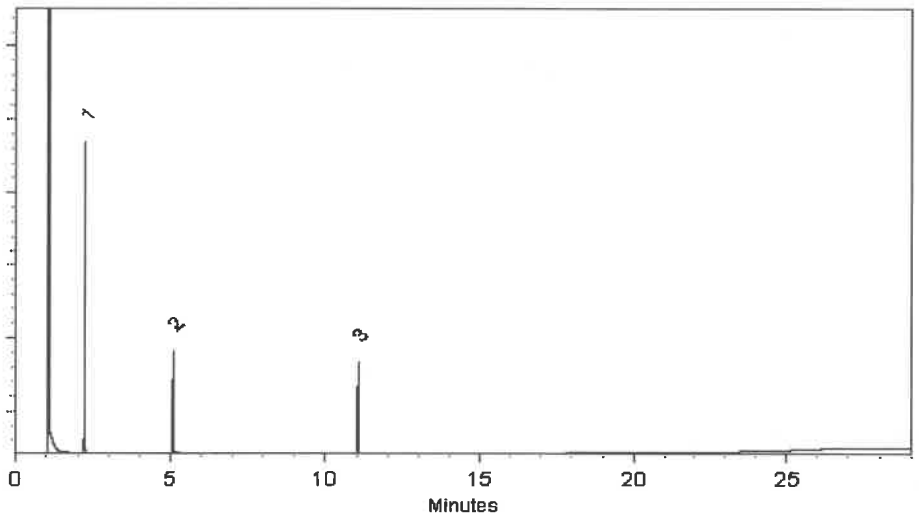
**Inj. Temp:**
250°C

**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.

Stacey Wanner - Operations Technician I

**Date Mixed:** 23-Jan-2024 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 24-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

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**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.*

S12302 ↓ S12311 } RC/ 5/30/24

**Catalog No. :** 31902 **Lot No.:** A0206859

**Description :** Additions Standard

Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Benzaldehyde | 100-52-7 | RD231129RSRA | 99% | 1,005.0 µg/mL | +/- 29.5419 |
| 2 | epsilon-Caprolactam | 105-60-2 | I16X016 | 99% | 1,008.8 µg/mL | +/- 29.6521 |
| 3 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,008.8 µg/mL | +/- 29.6521 |

* 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.)

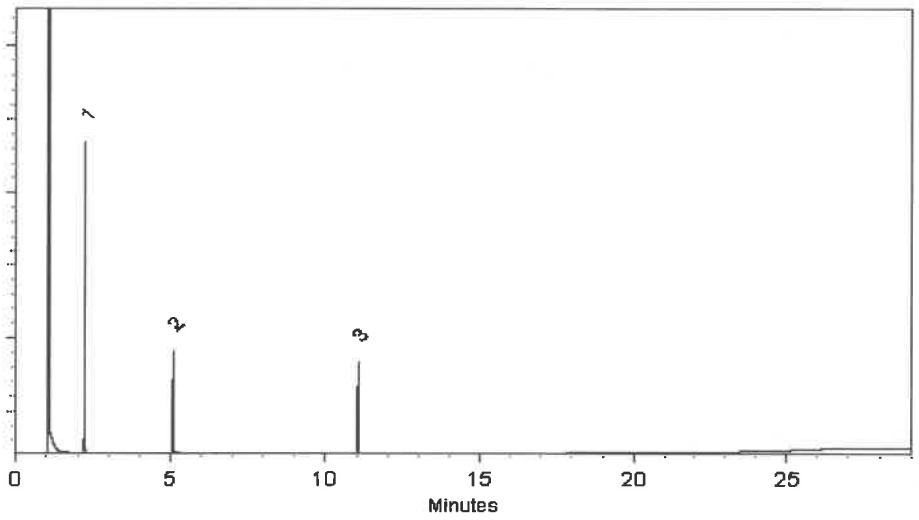
**Inj. Temp:**
250°C

**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.

Stacey Wanner - Operations Technician I

**Date Mixed:** 23-Jan-2024 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 24-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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Testing Laboratory
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**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:

- 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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# Certificate of Analysis

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**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.
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  $k$ 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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*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:

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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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**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:

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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

## Expiration 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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## 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. :** 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.)

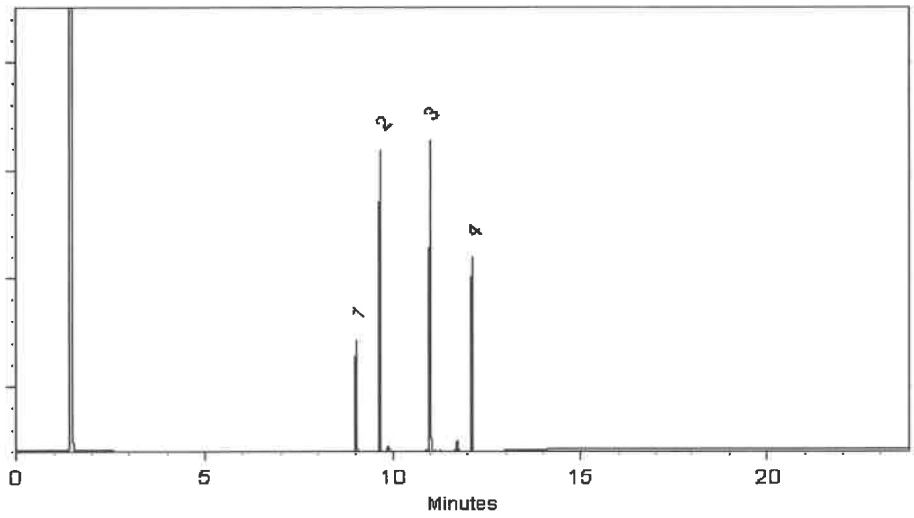
**Inj. Temp:**
250°C

**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

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

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. :** 31900 **Lot No.:** A0215529

**Description :** OLM 01.1 Revised SV MegaMix

OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

S12736 ↓ S12754 AC 10/9/24

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** February 28, 2026 **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 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,008.6 µg/mL | +/- 19.3211 |
| 2 | Bis(2-chloroethyl)ether | 111-44-4 | SHBL6942 | 99% | 1,002.3 µg/mL | +/- 19.2013 |
| 3 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.2 µg/mL | +/- 19.2564 |
| 4 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,006.3 µg/mL | +/- 19.2768 |
| 5 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,009.3 µg/mL | +/- 19.3354 |
| 6 | Acetophenone | 98-86-2 | STBH8205 | 99% | 1,003.8 µg/mL | +/- 18.5851 |
| 7 | Hexachloroethane | 67-72-1 | QTORH | 99% | 1,000.6 µg/mL | +/- 19.1690 |
| 8 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,004.5 µg/mL | +/- 19.2599 |
| 9 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 500.3 µg/mL | +/- 9.5854 |
| 10 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 9.6213 |
| 11 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,003.2 µg/mL | +/- 19.2181 |
| 12 | Isophorone | 78-59-1 | MKCC9506 | 99% | 1,007.0 µg/mL | +/- 19.2911 |
| 13 | 2-Nitrophenol | 88-75-5 | RP230509C | 99% | 1,003.4 µg/mL | +/- 19.2217 |
| 14 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,008.1 µg/mL | +/- 19.3115 |
| 15 | Bis(2-chloroethoxy)methane | 111-91-1 | 15174900 | 99% | 1,002.3 µg/mL | +/- 19.2001 |
| 16 | 2,4-Dichlorophenol | 120-83-2 | BCBZ6787 | 99% | 1,002.3 µg/mL | +/- 19.2001 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,003.6 | µg/mL | +/- 19.2253 |
| 18 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,005.5 | µg/mL | +/- 19.2791 |
| 19 | Hexachlorobutadiene | 87-68-3 | RP240110CTH | 97% | 1,003.9 | µg/mL | +/- 19.2316 |
| 20 | 2-Methylnaphthalene | 91-57-6 | STBK0259 | 96% | 1,005.1 | µg/mL | +/- 19.2718 |
| 21 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,003.8 | µg/mL | +/- 19.2301 |
| 22 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,000.5 | µg/mL | +/- 19.1832 |
| 23 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 19.1811 |
| 24 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,004.1 | µg/mL | +/- 19.2349 |
| 25 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,008.6 | µg/mL | +/- 19.3221 |
| 26 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,002.3 | µg/mL | +/- 19.2001 |
| 27 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,001.3 | µg/mL | +/- 18.5388 |
| 28 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,000.5 | µg/mL | +/- 19.1832 |
| 29 | Acenaphthylene | 208-96-8 | 214935V16F | 97% | 999.9 | µg/mL | +/- 19.1561 |
| 30 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,005.8 | µg/mL | +/- 19.2672 |
| 31 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,001.2 | µg/mL | +/- 19.1798 |
| 32 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 19.1570 |
| 33 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,005.5 | µg/mL | +/- 19.2791 |
| 34 | 2,4-Dinitrophenol | 51-28-5 | DR230417RSR | 99% | 1,008.8 | µg/mL | +/- 19.3259 |
| 35 | Dibenzofuran | 132-64-9 | MKCD9952 | 99% | 1,002.5 | µg/mL | +/- 18.5619 |
| 36 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,002.5 | µg/mL | +/- 19.2049 |
| 37 | 4-Nitrophenol | 100-02-7 | RP230627 | 99% | 1,004.4 | µg/mL | +/- 19.2421 |
| 38 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,001.5 | µg/mL | +/- 19.2024 |
| 39 | Fluorene | 86-73-7 | 10241100 | 99% | 1,004.2 | µg/mL | +/- 19.2373 |
| 40 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,003.0 | µg/mL | +/- 19.2145 |
| 41 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,002.1 | µg/mL | +/- 19.1978 |
| 42 | 4-Nitroaniline | 100-01-6 | RP240510RSR | 99% | 1,005.0 | µg/mL | +/- 19.2695 |
| 43 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S240410RSR | 99% | 1,001.1 | µg/mL | +/- 19.1786 |
| 44 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,004.5 | µg/mL | +/- 19.2599 |
| 45 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,005.9 | µg/mL | +/- 19.2708 |
| 46 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,009.2 | µg/mL | +/- 19.3331 |
| 47 | Pentachlorophenol | 87-86-5 | RP240411RSR | 99% | 1,008.9 | µg/mL | +/- 19.3283 |
| 48 | Phenanthrene | 85-01-8 | MKCS5188 | 99% | 1,006.2 | µg/mL | +/- 19.2756 |
| 49 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,001.6 | µg/mL | +/- 19.1882 |
| 50 | Carbazole | 86-74-8 | 15276700 | 99% | 1,004.0 | µg/mL | +/- 19.2503 |
| 51 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,002.5 | µg/mL | +/- 19.2049 |
| 52 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,008.7 | µg/mL | +/- 19.3235 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 53 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.9 | µg/mL | +/- 19.2121 |
| 54 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,004.6 | µg/mL | +/- 19.2444 |
| 55 | Benz(a)anthracene | 56-55-3 | I50012022BAA | 99% | 1,009.1 | µg/mL | +/- 19.3307 |
| 56 | Chrysene | 218-01-9 | RP240719RSR | 99% | 1,005.9 | µg/mL | +/- 19.2708 |
| 57 | 3,3'-Dichlorobenzidine | 91-94-1 | S231019RSR | 99% | 1,001.5 | µg/mL | +/- 19.2024 |
| 58 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,006.3 | µg/mL | +/- 19.2768 |
| 59 | Di-n-octyl phthalate | 117-84-0 | 15276800 | 99% | 1,008.9 | µg/mL | +/- 19.3283 |
| 60 | Benzo(b)fluoranthene | 205-99-2 | 022013B | 99% | 1,006.4 | µg/mL | +/- 19.2792 |
| 61 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,001.9 | µg/mL | +/- 19.1942 |
| 62 | Benzo(a)pyrene | 50-32-8 | O45GL | 98% | 1,003.9 | µg/mL | +/- 19.2327 |
| 63 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,003.7 | µg/mL | +/- 19.2281 |
| 64 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,004.2 | µg/mL | +/- 19.2373 |
| 65 | Benzo(g,h,i)perylene | 191-24-2 | RP240625RSR | 97% | 1,001.5 | µg/mL | +/- 19.1863 |

* 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
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www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

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. :** 31900 **Lot No.:** A0215529

**Description :** OLM 01.1 Revised SV MegaMix

OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

S12736 ↓ S12754 AC 10/9/24

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** February 28, 2026 **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 | Phenol | 108-95-2 | MKCK1120 | 99% | 1,008.6 µg/mL | +/- 19.3211 |
| 2 | Bis(2-chloroethyl)ether | 111-44-4 | SHBL6942 | 99% | 1,002.3 µg/mL | +/- 19.2013 |
| 3 | 2-Chlorophenol | 95-57-8 | STBJ3909 | 99% | 1,005.2 µg/mL | +/- 19.2564 |
| 4 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99% | 1,006.3 µg/mL | +/- 19.2768 |
| 5 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,009.3 µg/mL | +/- 19.3354 |
| 6 | Acetophenone | 98-86-2 | STBH8205 | 99% | 1,003.8 µg/mL | +/- 18.5851 |
| 7 | Hexachloroethane | 67-72-1 | QTORH | 99% | 1,000.6 µg/mL | +/- 19.1690 |
| 8 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,004.5 µg/mL | +/- 19.2599 |
| 9 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBN3411 | 99% | 500.3 µg/mL | +/- 9.5854 |
| 10 | 3-Methylphenol (m-cresol) | 108-39-4 | STBJ0710 | 99% | 502.1 µg/mL | +/- 9.6213 |
| 11 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,003.2 µg/mL | +/- 19.2181 |
| 12 | Isophorone | 78-59-1 | MKCC9506 | 99% | 1,007.0 µg/mL | +/- 19.2911 |
| 13 | 2-Nitrophenol | 88-75-5 | RP230509C | 99% | 1,003.4 µg/mL | +/- 19.2217 |
| 14 | 2,4-Dimethylphenol | 105-67-9 | XW5GK | 99% | 1,008.1 µg/mL | +/- 19.3115 |
| 15 | Bis(2-chloroethoxy)methane | 111-91-1 | 15174900 | 99% | 1,002.3 µg/mL | +/- 19.2001 |
| 16 | 2,4-Dichlorophenol | 120-83-2 | BCBZ6787 | 99% | 1,002.3 µg/mL | +/- 19.2001 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,003.6 | µg/mL | +/- 19.2253 |
| 18 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,005.5 | µg/mL | +/- 19.2791 |
| 19 | Hexachlorobutadiene | 87-68-3 | RP240110CTH | 97% | 1,003.9 | µg/mL | +/- 19.2316 |
| 20 | 2-Methylnaphthalene | 91-57-6 | STBK0259 | 96% | 1,005.1 | µg/mL | +/- 19.2718 |
| 21 | 4-Chloro-3-methylphenol | 59-50-7 | BCCD4461 | 99% | 1,003.8 | µg/mL | +/- 19.2301 |
| 22 | 1,2,4,5-Tetrachlorobenzene | 95-94-3 | MKCT9480 | 99% | 1,000.5 | µg/mL | +/- 19.1832 |
| 23 | Hexachlorocyclopentadiene | 77-47-4 | 099063I14L | 98% | 1,001.3 | µg/mL | +/- 19.1811 |
| 24 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,004.1 | µg/mL | +/- 19.2349 |
| 25 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,008.6 | µg/mL | +/- 19.3221 |
| 26 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,002.3 | µg/mL | +/- 19.2001 |
| 27 | Biphenyl | 92-52-4 | MKCS5928 | 99% | 1,001.3 | µg/mL | +/- 18.5388 |
| 28 | 2-Nitroaniline | 88-74-4 | RP240715RSR | 99% | 1,000.5 | µg/mL | +/- 19.1832 |
| 29 | Acenaphthylene | 208-96-8 | 214935V16F | 97% | 999.9 | µg/mL | +/- 19.1561 |
| 30 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,005.8 | µg/mL | +/- 19.2672 |
| 31 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,001.2 | µg/mL | +/- 19.1798 |
| 32 | Acenaphthene | 83-32-9 | MKCR7169 | 99% | 1,000.0 | µg/mL | +/- 19.1570 |
| 33 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,005.5 | µg/mL | +/- 19.2791 |
| 34 | 2,4-Dinitrophenol | 51-28-5 | DR230417RSR | 99% | 1,008.8 | µg/mL | +/- 19.3259 |
| 35 | Dibenzofuran | 132-64-9 | MKCD9952 | 99% | 1,002.5 | µg/mL | +/- 18.5619 |
| 36 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,002.5 | µg/mL | +/- 19.2049 |
| 37 | 4-Nitrophenol | 100-02-7 | RP230627 | 99% | 1,004.4 | µg/mL | +/- 19.2421 |
| 38 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,001.5 | µg/mL | +/- 19.2024 |
| 39 | Fluorene | 86-73-7 | 10241100 | 99% | 1,004.2 | µg/mL | +/- 19.2373 |
| 40 | 4-Chlorophenyl phenyl ether | 7005-72-3 | MKCT7248 | 99% | 1,003.0 | µg/mL | +/- 19.2145 |
| 41 | Diethylphthalate | 84-66-2 | BCCJ6241 | 99% | 1,002.1 | µg/mL | +/- 19.1978 |
| 42 | 4-Nitroaniline | 100-01-6 | RP240510RSR | 99% | 1,005.0 | µg/mL | +/- 19.2695 |
| 43 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S240410RSR | 99% | 1,001.1 | µg/mL | +/- 19.1786 |
| 44 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,004.5 | µg/mL | +/- 19.2599 |
| 45 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,005.9 | µg/mL | +/- 19.2708 |
| 46 | Hexachlorobenzene | 118-74-1 | 15458400 | 99% | 1,009.2 | µg/mL | +/- 19.3331 |
| 47 | Pentachlorophenol | 87-86-5 | RP240411RSR | 99% | 1,008.9 | µg/mL | +/- 19.3283 |
| 48 | Phenanthrene | 85-01-8 | MKCS5188 | 99% | 1,006.2 | µg/mL | +/- 19.2756 |
| 49 | Anthracene | 120-12-7 | 101492T18R | 99% | 1,001.6 | µg/mL | +/- 19.1882 |
| 50 | Carbazole | 86-74-8 | 15276700 | 99% | 1,004.0 | µg/mL | +/- 19.2503 |
| 51 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,002.5 | µg/mL | +/- 19.2049 |
| 52 | Fluoranthene | 206-44-0 | MKCQ4728 | 99% | 1,008.7 | µg/mL | +/- 19.3235 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 53 | Pyrene | 129-00-0 | BCCK2592 | 99% | 1,002.9 | µg/mL | +/- 19.2121 |
| 54 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,004.6 | µg/mL | +/- 19.2444 |
| 55 | Benz(a)anthracene | 56-55-3 | I50012022BAA | 99% | 1,009.1 | µg/mL | +/- 19.3307 |
| 56 | Chrysene | 218-01-9 | RP240719RSR | 99% | 1,005.9 | µg/mL | +/- 19.2708 |
| 57 | 3,3'-Dichlorobenzidine | 91-94-1 | S231019RSR | 99% | 1,001.5 | µg/mL | +/- 19.2024 |
| 58 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,006.3 | µg/mL | +/- 19.2768 |
| 59 | Di-n-octyl phthalate | 117-84-0 | 15276800 | 99% | 1,008.9 | µg/mL | +/- 19.3283 |
| 60 | Benzo(b)fluoranthene | 205-99-2 | 022013B | 99% | 1,006.4 | µg/mL | +/- 19.2792 |
| 61 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,001.9 | µg/mL | +/- 19.1942 |
| 62 | Benzo(a)pyrene | 50-32-8 | O45GL | 98% | 1,003.9 | µg/mL | +/- 19.2327 |
| 63 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 12-JKL-118-9 | 97% | 1,003.7 | µg/mL | +/- 19.2281 |
| 64 | Dibenz(a,h)anthracene | 53-70-3 | 2-ASA-59-1 | 99% | 1,004.2 | µg/mL | +/- 19.2373 |
| 65 | Benzo(g,h,i)perylene | 191-24-2 | RP240625RSR | 97% | 1,001.5 | µg/mL | +/- 19.1863 |

* 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.

**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:** 90494
Lot Number: 061323
Description: 1-Methylnaphthalene

Expiration Date: 061328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

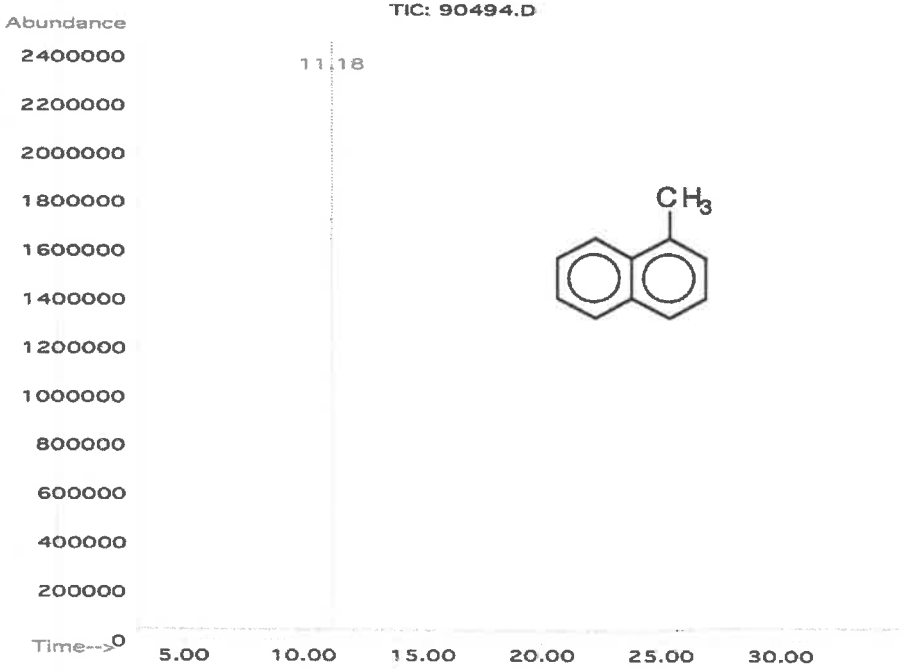
**Solvent(s):** **Lot#**
Methylene chloride C21F09CAS0000DCM

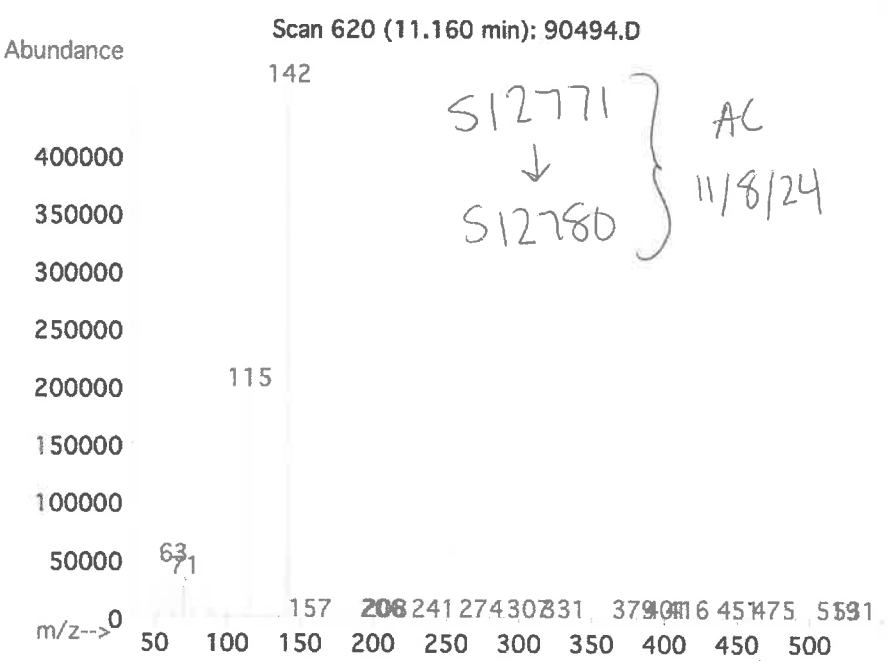
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

| Formulated By: Prashant Chauhan | 061323 DATE |
|---|---|
| Reviewed By: Pedro L. Rentas | 061323 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-Methylnaphthalene | 313 | 04413BX | 2000 | 98 | 0.2 | 0.20417 | 0.20430 | 2001.2 | 8.3 | 90-12-0 | N/A | orl-rat 1840mg/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.




S12771 ↓ S12780 } AC 11/8/24

- 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 certifed (+/-) 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).

**Absolute Standards, Inc.**
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www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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## CERTIFIED WEIGHT REPORT

**Part Number:** 90494
Lot Number: 061323
Description: 1-Methylnaphthalene

Expiration Date: 061328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

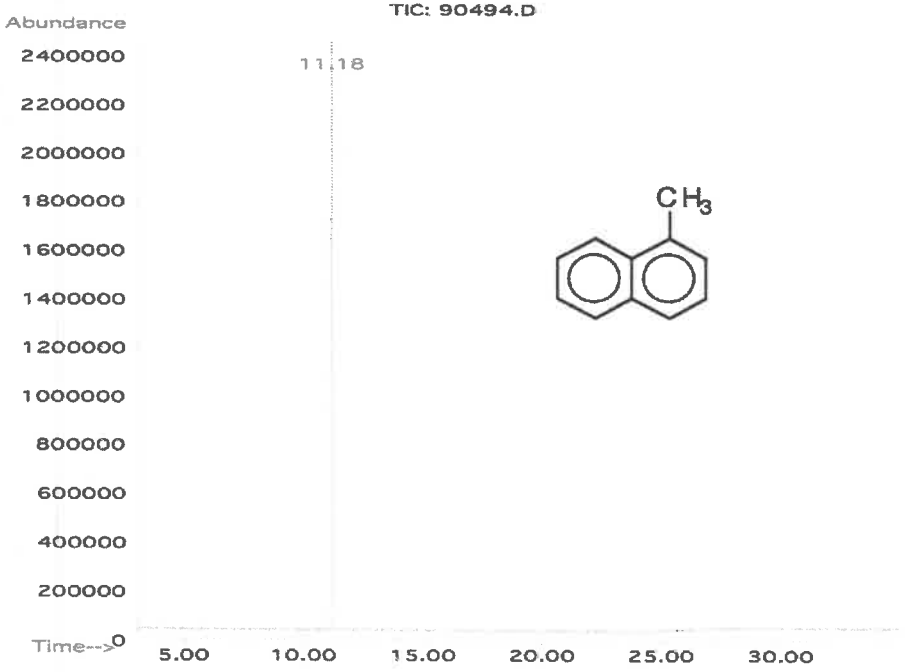
**Solvent(s):** **Lot#**
Methylene chloride C21F09CAS0000DCM

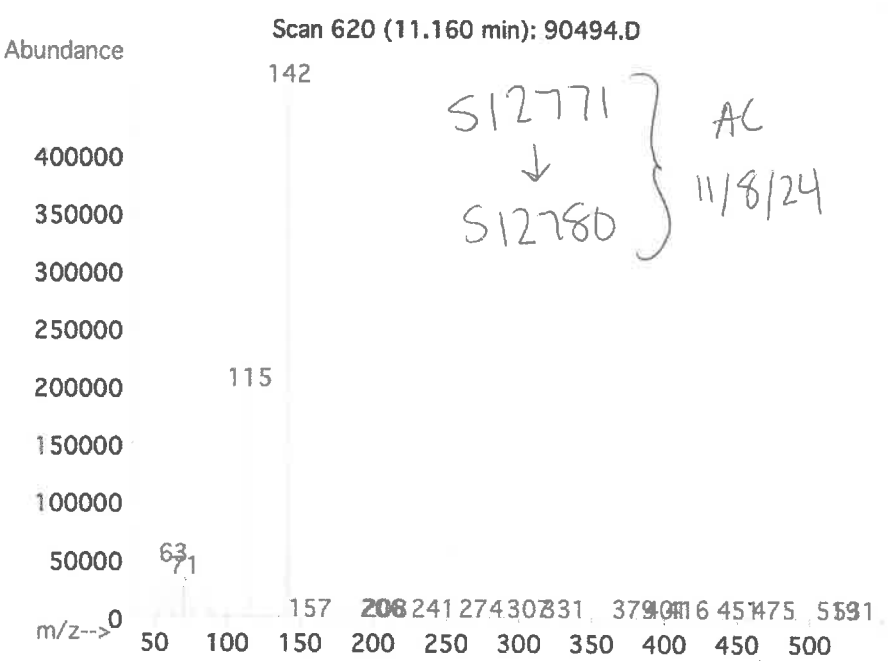
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.031 Flask Uncertainty

| Formulated By: Prashant Chauhan | 061323 DATE |
|---|---|
| Reviewed By: Pedro L. Rentas | 061323 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-Methylnaphthalene | 313 | 04413BX | 2000 | 98 | 0.2 | 0.20417 | 0.20430 | 2001.2 | 8.3 | 90-12-0 | N/A | orl-rat 1840mg/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.




S12771 ↓ S12780 } AC 11/8/24

- 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 certifed (+/-) 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).

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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. :** 31850 **Lot No.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

**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

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.)

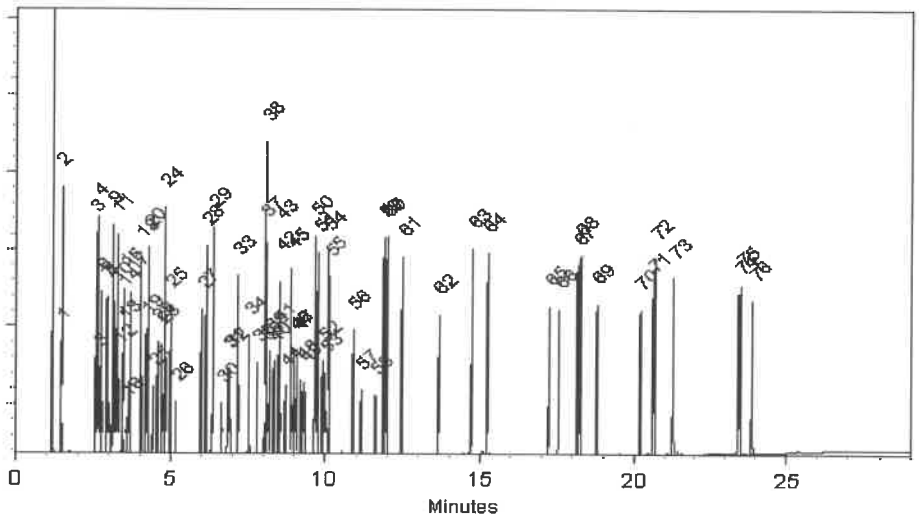
**Inj. Temp:**
250°C

**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**

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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. :** 31850 **Lot No.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

**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

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.)

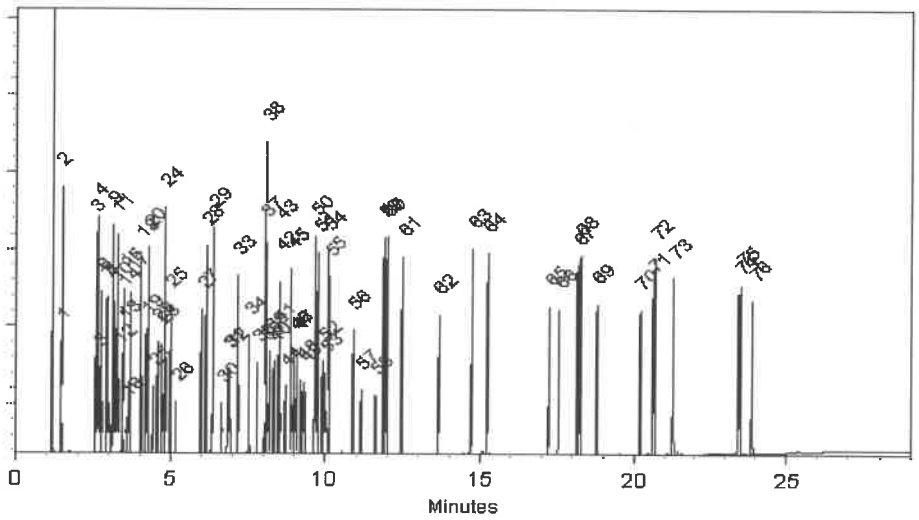
**Inj. Temp:**
250°C

**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

www.restek.com

# 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.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

**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

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.)

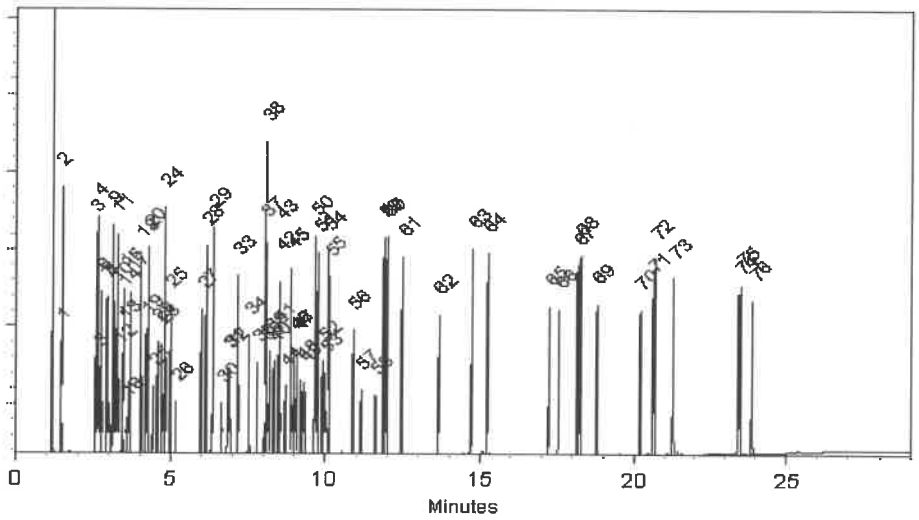
**Inj. Temp:**
250°C

**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

www.restek.com

# 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.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

**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

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.)

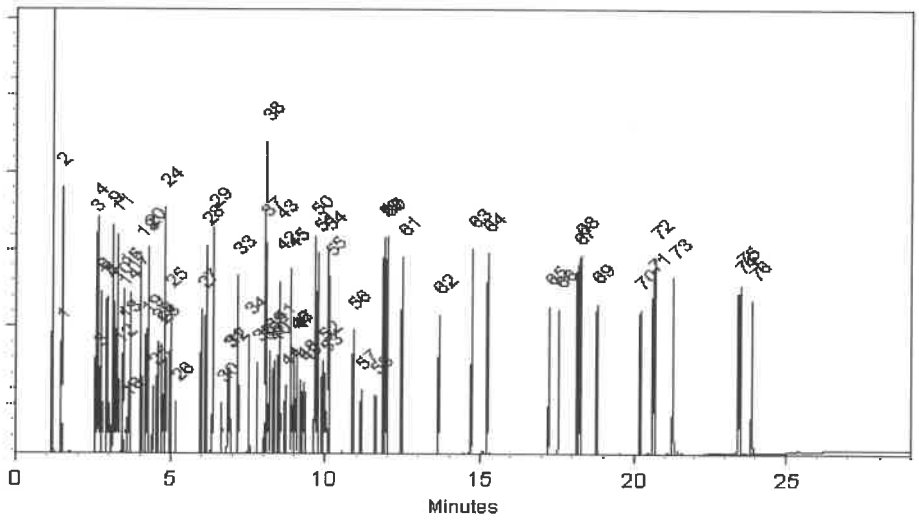
**Inj. Temp:**
250°C

**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

www.restek.com

# 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.:** A0221014

S13088 ↓ S13117 RC 5/20/25.

**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

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.)

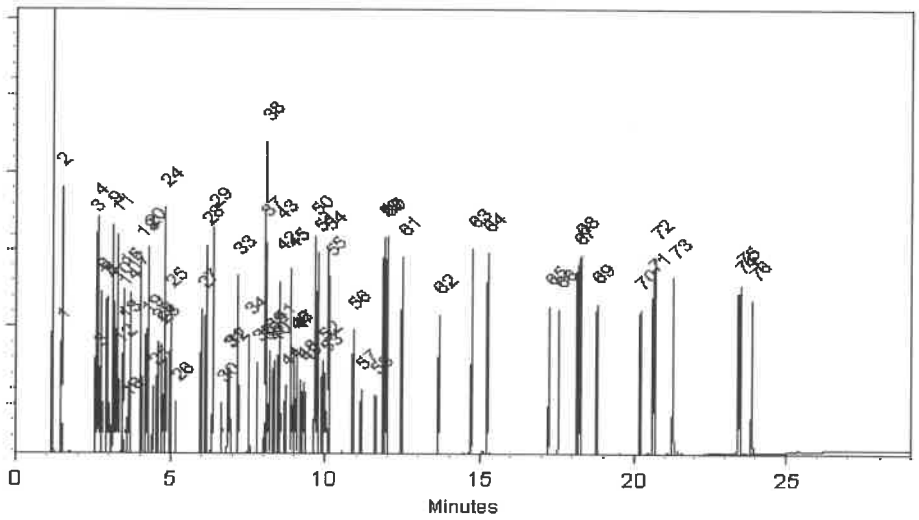
**Inj. Temp:**
250°C

**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

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. :** 31853 **Lot No.:** A0218894

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

513118 ↓ 513147 } RC/ 5/20/25.

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% | 2,002.4 µg/mL | +/- 24.9202 |

* 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.)

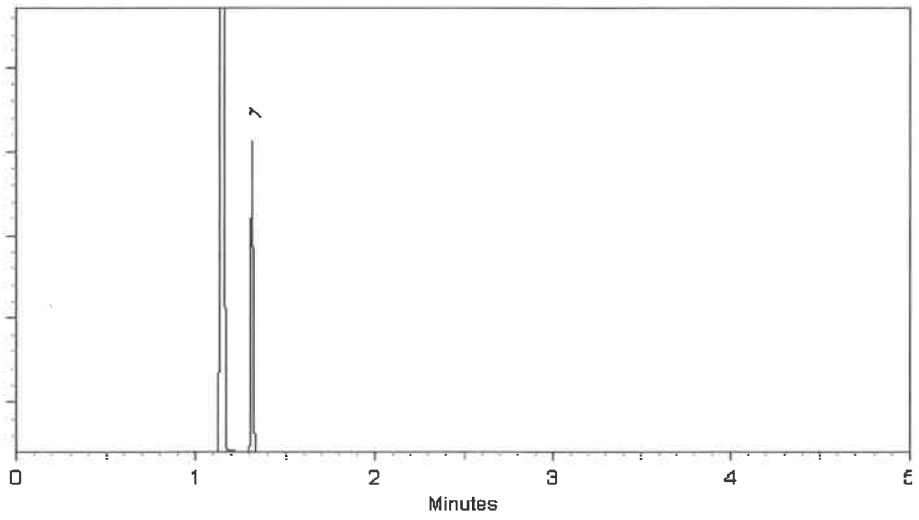
**Inj. Temp:**
250°C

**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:** 07-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

**Date Passed:** 11-Nov-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

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. :** 31853 **Lot No.:** A0218894

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

513118 ↓ 513147 } RC/ 5/20/25.

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% | 2,002.4 µg/mL | +/- 24.9202 |

* 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.)

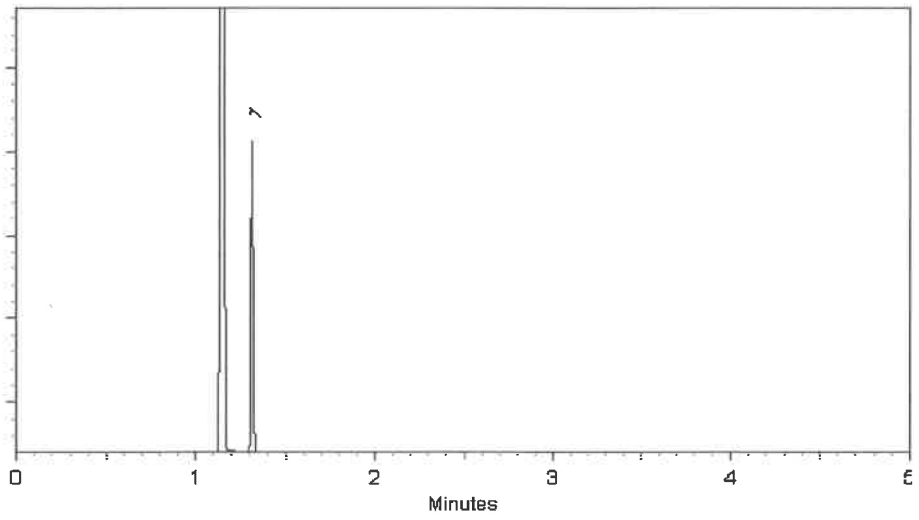
**Inj. Temp:**
250°C

**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:** 07-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

**Date Passed:** 11-Nov-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***

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.:** A0218894

**Description :** 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

513118 ↓ 513147 } RC/ 5/20/25.

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% | 2,002.4 µg/mL | +/- 24.9202 |

* 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.)

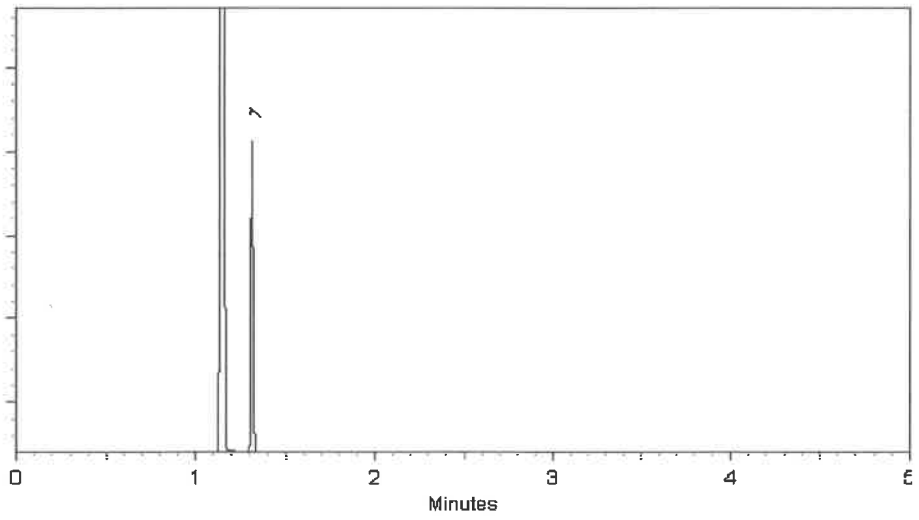
**Inj. Temp:**
250°C

**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:** 07-Nov-2024 **Balance Serial #** 1128360905

Dillan Murphy - Operations Technician I

**Date Passed:** 11-Nov-2024

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***gravimetric***

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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

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2028 **Storage:** 10°C or colder

**Ship:** Ambient

S13158 ↓ S13167 } RC/ 6/4/25

**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**

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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

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**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%

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# Certificate of Analysis

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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%

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# Certificate of Analysis

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**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%

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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%

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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

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# Certificate of Analysis

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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. :** 31879 **Lot No.:** A0221395

**Description :** Benzoic Acid Mix

Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2029 **Storage:** 10°C or colder

**Ship:** Ambient

S13214 ↓ S13218 AC 7/10/25

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Benzoic acid | 65-85-0 | MKCR2694 | 99% | 2,002.2 µg/mL | +/- 60.5426 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

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**Catalog No. :** 31879 **Lot No.:** A0221395

**Description :** Benzoic Acid Mix

Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2029 **Storage:** 10°C or colder

**Ship:** Ambient

S13214 ↓ S13218 AC 7/10/25

**CERTIFIED VALUES**

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Benzoic acid | 65-85-0 | MKCR2694 | 99% | 2,002.2 µg/mL | +/- 60.5426 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

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# Certificate of Analysis

***chromatographic***

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**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. :** 582978 **Lot No.:** A0228192

**Description :** Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul

513229 ↓ 513238 } RC/ 8/1/25

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2028 **Storage:** 0°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 | N-Nitrosodimethylamine | 62-75-9 | S241226RSR | 99% | 2,000.0 µg/mL | +/- 35.7537 |
| 2 | Aniline | 62-53-3 | X22F726 | 99% | 2,002.5 µg/mL | +/- 35.7984 |
| 3 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 2,005.0 µg/mL | +/- 35.8431 |
| 4 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 2,005.0 µg/mL | +/- 35.8431 |
| 5 | Benzyl alcohol | 100-51-6 | 094986W07G | 99% | 2,015.0 µg/mL | +/- 36.0218 |
| 6 | 1,2-Dichlorobenzene | 95-50-1 | SHBR4446 | 99% | 2,015.0 µg/mL | +/- 36.0218 |
| 7 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBR1701 | 99% | 2,020.0 µg/mL | +/- 36.1112 |
| 8 | Azobenzene | 103-33-3 | BCCL3292 | 99% | 2,005.0 µg/mL | +/- 35.8431 |

* 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.)

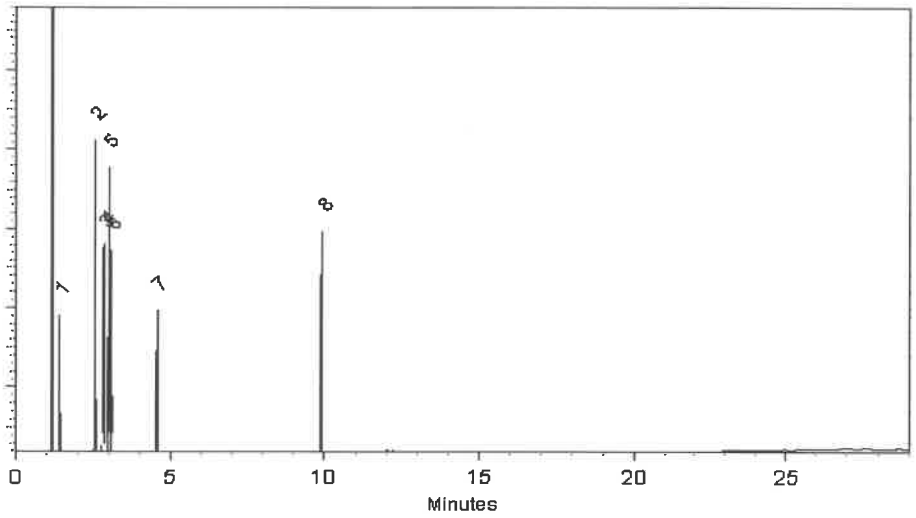
**Inj. Temp:**
250°C

**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.

Wilner Torres - Operation Tech I  **Date Mixed:** 27-Jul-2025  **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC  **Date Passed:** 30-Jul-2025  REVIEWED

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic***

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**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. :** 582978 **Lot No.:** A0228192

**Description :** Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul

513229 ↓ 513238 } RC/ 8/1/25

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2028 **Storage:** 0°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 | N-Nitrosodimethylamine | 62-75-9 | S241226RSR | 99% | 2,000.0 µg/mL | +/- 35.7537 |
| 2 | Aniline | 62-53-3 | X22F726 | 99% | 2,002.5 µg/mL | +/- 35.7984 |
| 3 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 2,005.0 µg/mL | +/- 35.8431 |
| 4 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 2,005.0 µg/mL | +/- 35.8431 |
| 5 | Benzyl alcohol | 100-51-6 | 094986W07G | 99% | 2,015.0 µg/mL | +/- 36.0218 |
| 6 | 1,2-Dichlorobenzene | 95-50-1 | SHBR4446 | 99% | 2,015.0 µg/mL | +/- 36.0218 |
| 7 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBR1701 | 99% | 2,020.0 µg/mL | +/- 36.1112 |
| 8 | Azobenzene | 103-33-3 | BCCL3292 | 99% | 2,005.0 µg/mL | +/- 35.8431 |

* 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.)

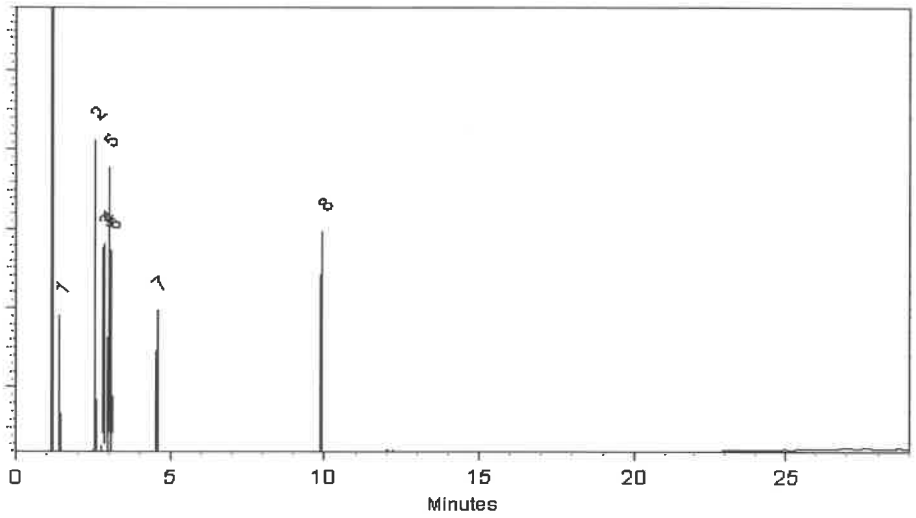
**Inj. Temp:**
250°C

**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.

Wilner Torres - Operation Tech I  **Date Mixed:** 27-Jul-2025  **Balance Serial #** B345965662

Jennifer Pollino - Operations Tech III - ARM QC  **Date Passed:** 30-Jul-2025  REVIEWED

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

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Bellefonte, PA 16823-8812
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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. :** 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

**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 :** August 31, 2027 **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 | S250226RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,007.0 µg/mL | +/- 23.1176 |
| 3 | Benzidine | 92-87-5 | S250227ECS | 99% | 1,003.0 µg/mL | +/- 23.0258 |
| 4 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 1,003.0 µg/mL | +/- 23.0258 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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S13239 ↓ S13268 } RC 08/06/25

**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 :** August 31, 2027 **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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| 3 | Benzidine | 92-87-5 | S250227ECS | 99% | 1,003.0 µg/mL | +/- 23.0258 |
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**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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**Catalog No. :** 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

**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 :** August 31, 2027 **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 | S250226RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
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**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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S13239 ↓ S13268 } RC 08/06/25

**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 :** August 31, 2027 **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 | S250226RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,007.0 µg/mL | +/- 23.1176 |
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**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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**Catalog No. :** 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

**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 :** August 31, 2027 **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 | S250226RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,007.0 µg/mL | +/- 23.1176 |
| 3 | Benzidine | 92-87-5 | S250227ECS | 99% | 1,003.0 µg/mL | +/- 23.0258 |
| 4 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 1,003.0 µg/mL | +/- 23.0258 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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**Catalog No. :** 555223 **Lot No.:** A0228451

S13239 ↓ S13268 } RC 08/06/25

**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 :** August 31, 2027 **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 | S250226RSR | 99% | 1,006.0 µg/mL | +/- 23.0947 |
| 2 | Atrazine | 1912-24-9 | 5FYWL | 99% | 1,007.0 µg/mL | +/- 23.1176 |
| 3 | Benzidine | 92-87-5 | S250227ECS | 99% | 1,003.0 µg/mL | +/- 23.0258 |
| 4 | epsilon-Caprolactam | 105-60-2 | Y16H012 | 99% | 1,003.0 µg/mL | +/- 23.0258 |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

Tom Suckar - Mix Technician **Date Mixed:** 01-Aug-2025 **Balance:** 1128360905

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# Certificate of Analysis

***chromatographic plus***

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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.:** A0229652

**Description :** 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 0°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S13299 ↓ S13328 RC 10/17/25

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% | 1,004.9 µg/mL | +/- 36.5621 |
| 2 | N-Nitrosodimethylamine | 62-75-9 | S250717RSR | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 3 | Phenol | 108-95-2 | MKCT5446 | 99% | 1,003.5 µg/mL | +/- 36.5120 |
| 4 | Aniline | 62-53-3 | X22F726 | 99% | 1,004.8 µg/mL | +/- 36.5575 |
| 5 | Bis(2-chloroethyl)ether | 111-44-4 | 002891T24M | 99% | 1,003.6 µg/mL | +/- 36.5166 |
| 6 | 2-Chlorophenol | 95-57-8 | STBK4742 | 99% | 1,004.5 µg/mL | +/- 36.5484 |
| 7 | 1,3-Dichlorobenzene | 541-73-1 | STBL1702 | 99% | 1,003.8 µg/mL | +/- 36.5211 |
| 8 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 1,003.8 µg/mL | +/- 36.5211 |
| 9 | Benzyl alcohol | 100-51-6 | 094986W07G | 99% | 1,003.8 µg/mL | +/- 36.5211 |
| 10 | 1,2-Dichlorobenzene | 95-50-1 | SHBR4446 | 99% | 1,004.9 µg/mL | +/- 36.5621 |
| 11 | 2-Methylphenol (o-cresol) | 95-48-7 | SHBN7598 | 99% | 1,004.3 µg/mL | +/- 36.5393 |
| 12 | 2,2'-oxybis(1-chloropropane) | 108-60-1 | RP250904RSR | 99% | 1,005.0 µg/mL | +/- 36.5666 |
| 13 | 3-Methylphenol (m-cresol) | 108-39-4 | STBL3873 | 99% | 502.4 µg/mL | +/- 18.2788 |
| 14 | 4-Methylphenol (p-cresol) | 106-44-5 | SHBQ7653 | 99% | 502.3 µg/mL | +/- 18.2742 |
| 15 | N-Nitroso-di-n-propylamine | 621-64-7 | N63MG | 99% | 1,004.9 µg/mL | +/- 36.5621 |
| 16 | Hexachloroethane | 67-72-1 | DAXRI | 99% | 1,003.9 µg/mL | +/- 36.5257 |
| 17 | Nitrobenzene | 98-95-3 | 10224044 | 99% | 1,003.9 µg/mL | +/- 36.5257 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 18 | Isophorone | 78-59-1 | MKCR3249 | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 19 | 2-Nitrophenol | 88-75-5 | RP230710 | 99% | 1,003.6 | µg/mL | +/- 36.5166 |
| 20 | 2,4-Dimethylphenol | 105-67-9 | DIRAF | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 21 | Bis(2-chloroethoxy)methane | 111-91-1 | 15705100 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 22 | 2,4-Dichlorophenol | 120-83-2 | BCCK6969 | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 23 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBR1701 | 99% | 1,004.0 | µg/mL | +/- 36.5302 |
| 24 | Naphthalene | 91-20-3 | STBL1057 | 99% | 1,004.0 | µg/mL | +/- 36.5302 |
| 25 | 4-Chloroaniline | 106-47-8 | BCCJ3217 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 26 | Hexachlorobutadiene | 87-68-3 | X05J | 98% | 1,002.7 | µg/mL | +/- 36.4816 |
| 27 | 4-Chloro-3-methylphenol | 59-50-7 | BCCK5906 | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 28 | 2-Methylnaphthalene | 91-57-6 | STBL3028 | 99% | 1,000.5 | µg/mL | +/- 36.4029 |
| 29 | 1-Methylnaphthalene | 90-12-0 | 5234.00-8 | 98% | 1,000.0 | µg/mL | +/- 36.3847 |
| 30 | Hexachlorocyclopentadiene | 77-47-4 | 099063P13G | 99% | 1,004.0 | µg/mL | +/- 36.5302 |
| 31 | 2,4,6-Trichlorophenol | 88-06-2 | STBK8870 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 32 | 2,4,5-Trichlorophenol | 95-95-4 | 3YFRE | 97% | 1,003.6 | µg/mL | +/- 36.5152 |
| 33 | 2-Chloronaphthalene | 91-58-7 | RPN7O | 99% | 1,003.6 | µg/mL | +/- 36.5166 |
| 34 | 2-Nitroaniline | 88-74-4 | RP250625RSR | 99% | 1,003.8 | µg/mL | +/- 36.5211 |
| 35 | 1,4-Dinitrobenzene | 100-25-4 | RP250401RSR | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 36 | Acenaphthylene | 208-96-8 | 214935V18H | 95% | 1,000.4 | µg/mL | +/- 36.3974 |
| 37 | 1,3-Dinitrobenzene | 99-65-0 | TRC3-1075941-2-1 | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 38 | Dimethylphthalate | 131-11-3 | 358221L17K | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 39 | 2,6-Dinitrotoluene | 606-20-2 | BCCG1833 | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 40 | 1,2-Dinitrobenzene | 528-29-0 | RP250203RSR | 99% | 1,002.6 | µg/mL | +/- 36.4802 |
| 41 | Acenaphthene | 83-32-9 | MKCV8166 | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline | 99-09-2 | RP240708RSR | 99% | 1,003.8 | µg/mL | +/- 36.5211 |
| 43 | 2,4-Dinitrophenol | 51-28-5 | D240927RSR | 99% | 1,004.1 | µg/mL | +/- 36.5348 |
| 44 | Dibenzofuran | 132-64-9 | MKCW3845 | 99% | 1,003.6 | µg/mL | +/- 36.5166 |
| 45 | 2,4-Dinitrotoluene | 121-14-2 | 102869V26E | 99% | 1,003.8 | µg/mL | +/- 36.5211 |
| 46 | 4-Nitrophenol | 100-02-7 | 20241120-1-AN | 99% | 1,003.0 | µg/mL | +/- 36.4938 |
| 47 | 2,3,4,6-Tetrachlorophenol | 58-90-2 | PR-34476 | 99% | 1,003.8 | µg/mL | +/- 36.5211 |
| 48 | 2,3,5,6-Tetrachlorophenol | 935-95-5 | RP250724RSR | 99% | 1,003.1 | µg/mL | +/- 36.4984 |
| 49 | Fluorene | 86-73-7 | 10246250 | 98% | 1,002.9 | µg/mL | +/- 36.4905 |
| 50 | 4-Chlorophenyl phenyl ether | 7005-72-3 | 002531K02D | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 51 | Diethylphthalate | 84-66-2 | 223219R19C | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 52 | 4-Nitroaniline | 100-01-6 | RP240830RSR | 99% | 1,004.0 | µg/mL | +/- 36.5302 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1 | S250805RSR | 99% | 1,004.8 | µg/mL | +/- 36.5575 |



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 54 | Diphenylamine | 122-39-4 | MKCT1512 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 55 | Azobenzene | 103-33-3 | BCCL3292 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361 | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 57 | Hexachlorobenzene | 118-74-1 | 16302300 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 58 | Pentachlorophenol | 87-86-5 | RP240411RSR | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 59 | Phenanthrene | 85-01-8 | MKCV8193 | 99% | 1,003.8 | µg/mL | +/- 36.5211 |
| 60 | Anthracene | 120-12-7 | MKCW9141 | 99% | 1,003.3 | µg/mL | +/- 36.5029 |
| 61 | Carbazole | 86-74-8 | 15821400 | 99% | 1,003.1 | µg/mL | +/- 36.4984 |
| 62 | Di-n-butylphthalate | 84-74-2 | MKCN4337 | 99% | 1,004.6 | µg/mL | +/- 36.5530 |
| 63 | Fluoranthene | 206-44-0 | A0458721 | 99% | 1,004.8 | µg/mL | +/- 36.5575 |
| 64 | Pyrene | 129-00-0 | BCCL8032 | 99% | 1,003.8 | µg/mL | +/- 36.5211 |
| 65 | Benzyl butyl phthalate | 85-68-7 | X12I018 | 99% | 1,004.9 | µg/mL | +/- 36.5621 |
| 66 | Bis(2-ethylhexyl)adipate | 103-23-1 | MKCM1988 | 99% | 1,003.4 | µg/mL | +/- 36.5075 |
| 67 | Benz(a)anthracene | 56-55-3 | I80012022BAA | 99% | 1,004.3 | µg/mL | +/- 36.5393 |
| 68 | Chrysene | 218-01-9 | RP250815RSR | 99% | 1,003.9 | µg/mL | +/- 36.5257 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065 | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 70 | Di-n-octyl phthalate | 117-84-0 | 16197600 | 99% | 1,004.4 | µg/mL | +/- 36.5439 |
| 71 | Benzo(b)fluoranthene | 205-99-2 | 0225BF | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 72 | Benzo(k)fluoranthene | 207-08-9 | 012022K | 99% | 1,004.5 | µg/mL | +/- 36.5484 |
| 73 | Benzo(a)pyrene | 50-32-8 | NQLXA | 98% | 1,002.4 | µg/mL | +/- 36.4726 |
| 74 | Indeno(1,2,3-cd)pyrene | 193-39-5 | 17-YMK-40-2 | 99% | 1,004.0 | µg/mL | +/- 36.5302 |
| 75 | Dibenz(a,h)anthracene | 53-70-3 | 712215450-1-1 | 99% | 1,003.5 | µg/mL | +/- 36.5120 |
| 76 | Benzo(g,h,i)perylene | 191-24-2 | RP250501RSR | 98% | 1,003.0 | µg/mL | +/- 36.4949 |

* 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.)

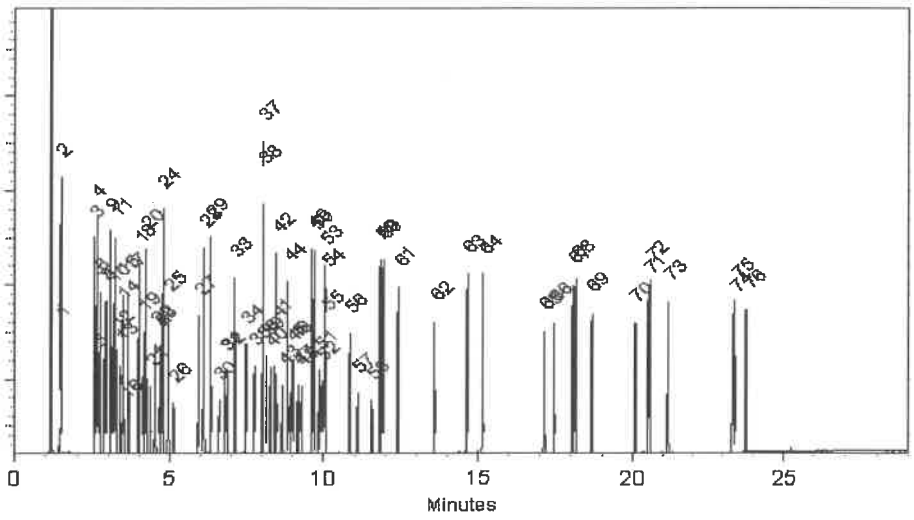
**Inj. Temp:**
250°C

**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.

Dakota Parson - Operations Technician I

**Date Mixed:** 04-Sep-2025 **Balance Serial #** B345965662

Brittany Federinko - Operations Tech II

**Date Passed:** 15-Sep-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

www.restek.com

## 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. :** 555869 **Lot No.:** A0201702

**Description :** Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene 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

513148 ↓ 513157 RC 11/13/23

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

phenova® Certified Reference Materials | A Phenomenex® Company

# Packing List

| Date | Order # |
|---|---|
| 10/27/2025 | 333294 |

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsofsale

**Ship To**

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
10/29/2025 12:30

| Customer PO # | Terms | PT Acct # | Customer # | Ship Via | F.O.B. |
|---|---|---|---|---|---|
| PO2-3469 | Net 30 | ZCM-100 | 1500470 | FedEx 2nd Day | Golden, CO |

| Qty Ordered | Qty Shipped | Qty Backorder | Part Number | Part Description | Study Number | Lot Number |
|---|---|---|---|---|---|---|
| 1 | 1 | 0 | PT-MET-SOIL | SOIL/HW Trace Metals | HW1025 | 7102-04B |
| 1 | 1 | 0 | PT-CR6-SOIL | SOIL/HW Hexavalent Chromium | HW1025 | 7102-05A2 |
| 1 | 1 | 0 | PT-CN-SOIL | SOIL/HW Cyanide | HW1025 | 7102-06 |
| 1 | 1 | 0 | PT-CORR-SOIL | SOIL/HW Corrosivity/pH | HW1025 | 7102-11 |
| 1 | 1 | 0 | PT-FP-SOIL | SOIL/HW Flash Point | HW1025 | 7102-10 |
| 1 | 1 | 0 | PT-AN-SOIL | SOIL/HW Anions | HW1025 | 7102-08 |
| 1 | 1 | 0 | PT-NUT-SOIL | SOIL/HW Nutrients | HW1025 | 7102-09 |
| 1 | 1 | 0 | PT-SOL-SOIL | SOIL/HW Solids | HW1025 | 7102-31 |
| 1 | 1 | 0 | PT-NO2-SOIL | SOIL/HW Nitrite as N | HW1025 | 7102-71 |
| 1 | 1 | 0 | PT-GAS-SOIL | SOIL/HW Gasoline | HW1025 | 7102-96 |
| 1 | 1 | 0 | PT-DIES-SOIL | SOIL/HW Diesel in Soil | HW1025 | 7102-100 |
| 1 | 1 | 0 | PT-OGR-SOIL | SOIL/HW Oil and Grease | HW1025 | 7102-94B |
| 1 | 1 | 0 | PT-VOA-SOIL | SOIL/HW Volatiles | HW1025 | 7102-12 |
| 1 | 1 | 0 | PT-BNA-SOIL | SOIL/HW BNAs | HW1025 | 7102-13 |
| 1 | 1 | 0 | PT-PEST-SOIL | SOIL/HW Pesticides | HW1025 | 7102-14 |
| 1 | 1 | 0 | PT-CHLR-SOIL | SOIL/HW Chlordane | HW1025 | 7102-15 |
| 1 | 1 | 0 | PT-TXP-SOIL | SOIL/HW Toxaphene | HW1025 | 7102-16 |
| 1 | 1 | 0 | PT-PCB-SOIL | SOIL/HW PCBs | HW1025 | 7102-17 |
| 1 | 1 | 0 | PT-PCBO-SOIL | SOIL/HW PCBs in Oil | HW1025 | 7102-88 |
| 1 | 1 | 0 | PT-HERB-SOIL | SOIL/HW Herbicides | HW1025 | 7102-18 |
| 1 | 1 | 0 | PT-PAH-SOIL | SOIL/HW PAHs | HW1025 | 7102-22 |
| 1 | 1 | 0 | PT-TRIAZINE-SOIL | SOIL/HW Triazine Pesticides | HW1025 | 7102-106 |

phenova® Certified Reference Materials | A Phenomenex® Company

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|---|---|
| 10/27/2025 | 333294 |

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
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Alliance Tech Group - Newark
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284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
10/29/2025 12:30

| Customer PO # | Terms | PT Acct # | Customer # | Ship Via | F.O.B. |
|---|---|---|---|---|---|
| PO2-3469 | Net 30 | ZCM-100 | 1500470 | FedEx 2nd Day | Golden, CO |

| Qty Ordered | Qty Shipped | Qty Backorder | Part Number | Part Description | Study Number | Lot Number |
|---|---|---|---|---|---|---|
| 1 | 1 | 0 | PT-NJEPH-SOIL | NJ EPH in SOIL | HW1025 | 7102-105 |

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| | |
| Connecticut | PH-0830 |
| | |
| DOD ELAP (ANAB) | L2219 |
| | |
| Maine | 2024021 |
| | |
| Maryland | 296 |
| | |
| New Hampshire | 255425 |
| | |
| New Jersey | 20012 |
| | |
| New York | 11376 |
| | |
| Pennsylvania | 68-00548 |
| | |
| Soil Permit | 525-24-234-08441 |
| | |
| Texas | TX-C25-00189 |
| | |
| Virginia | 460312 |