

## Cover Page

**Order ID :** Q3375

**Project ID :** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

**Client :** AECOM

**Lab Sample Number**

Q3375-01  
Q3375-02  
Q3375-03  
Q3375-04  
Q3375-05

**Client Sample Number**

PR132-S02-074099-20251016  
PR132-S04-000013-20251016  
PR132-S05-000057-20251016  
PR132-S02-010074-20251016  
PR132-DP02-20251016

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: 10/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

## **CASE NARRATIVE**

### **AECOM**

**Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206**

**Project # N/A**

**Order ID # Q3375**

**Test Name: SVOC-TCL BNA -20**

### **A. Number of Samples and Date of Receipt:**

5 Solid samples were received on 10/16/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

### **C. Analytical Techniques:**

The samples were analyzed on instrument BNA\_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA\_G 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 SVOC-TCL BNA -20 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 MSD 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 Initial Calibration (Method 8270-BF100625.M) for 2,4-Dinitrophenol this Compounds is passing on Linear regression.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

### **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.

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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\_\_\_\_\_

## 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 flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| B     | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E     | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                        |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                  |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Q     | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



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

ORDER ID: Q3375

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.<br>(NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP,<br>CLP AND NJ)                                                                                        |    |    | ✓   |
| 3. | GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for<br>8000 Series.                                                                                                                  |    |    | ✓   |
| 4. | GC/MS Calibration - Initial Calibration performed within 30 days before sample<br>analysis and continuing calibration performed within 24 hours of sample analysis for<br>600 series and 12 hours for 8000 series. |    |    | ✓   |
| 5. | GC/MS Calibration Requirements.                                                                                                                                                                                    |    |    | ✓   |
|    | The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF100625.M)<br>for 2,4-Dinitrophenol this Compounds 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                                                                                                                                                                                 |    |    | ✓   |
|    | If not met, list those compounds and their recoveries which fall outside the acceptable<br>ranges.                                                                                                                 |    |    |     |
| 8. | Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria                                                                                                                                                       |    |    | ✓   |
|    | If not met, list those compounds and their recoveries which fall outside the acceptable<br>range.                                                                                                                  |    |    |     |
|    | The Blank Spike met requirements for all compounds.                                                                                                                                                                |    |    |     |

**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**

**(CONTINUED)**

|     |                                                           | NA | NO | YES |
|-----|-----------------------------------------------------------|----|----|-----|
| 9.  | Internal Standard Area/Retention Time Shift Meet Criteria |    |    | ✓   |
|     | Comments:                                                 |    |    |     |
| 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:**

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

**APPENDIX A**

**QA REVIEW GENERAL DOCUMENTATION**

Project #: Q3375

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 Custody

✓

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: 10/27/2025

## LAB CHRONICLE

|                 |              |                   |                                 |
|-----------------|--------------|-------------------|---------------------------------|
| <b>OrderID:</b> | Q3375        | <b>OrderDate:</b> | 10/17/2025 10:32:00 AM          |
| <b>Client:</b>  | AECOM        | <b>Project:</b>   | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - |
| <b>Contact:</b> | Rob Forstner | <b>Location:</b>  | 60993705-1719208 Soil           |

| LabID           | ClientID                               | Matrix      | Test             | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|----------------------------------------|-------------|------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q3375-01</b> | <b>PR132-S02-074099-2<br/>0251016</b>  | <b>SOIL</b> |                  |        | <b>10/16/25</b> |           |           | <b>10/16/25</b> |
|                 |                                        |             | SVOC-TCL BNA -20 | 8270E  |                 | 10/20/25  | 10/21/25  |                 |
| <b>Q3375-02</b> | <b>PR132-S04-000013-2<br/>0251016</b>  | <b>SOIL</b> |                  |        | <b>10/16/25</b> |           |           | <b>10/16/25</b> |
|                 |                                        |             | SVOC-TCL BNA -20 | 8270E  |                 | 10/20/25  | 10/21/25  |                 |
| <b>Q3375-03</b> | <b>PR132-S05-000057-2<br/>0251016</b>  | <b>SOIL</b> |                  |        | <b>10/16/25</b> |           |           | <b>10/16/25</b> |
|                 |                                        |             | SVOC-TCL BNA -20 | 8270E  |                 | 10/20/25  | 10/21/25  |                 |
| <b>Q3375-04</b> | <b>PR132-S02-010074-2<br/>0251016</b>  | <b>SOIL</b> |                  |        | <b>10/16/25</b> |           |           | <b>10/16/25</b> |
|                 |                                        |             | SVOC-TCL BNA -20 | 8270E  |                 | 10/20/25  | 10/21/25  |                 |
| <b>Q3375-05</b> | <b>PR132-DP02-074099-<br/>20251016</b> | <b>SOIL</b> |                  |        | <b>10/16/25</b> |           |           | <b>10/16/25</b> |
|                 |                                        |             | SVOC-TCL BNA -20 | 8270E  |                 | 10/20/25  | 10/21/25  |                 |

### Hit Summary Sheet SW-846

SDG No.: Q3375  
Client: AECOM

| Sample ID                              | Client ID             | Matrix | Parameter                         | Concentration | C       | MDL    | RDL | Units |
|----------------------------------------|-----------------------|--------|-----------------------------------|---------------|---------|--------|-----|-------|
| Client ID : PR132-S02-074099-20251016  |                       |        |                                   |               |         |        |     |       |
| Q3375-01                               | PR132-S02-074099-2025 | SOIL   | Benzophenone                      | *             | 280.000 | J 0    | 0   | ug/Kg |
| Q3375-01                               | PR132-S02-074099-2025 | SOIL   | Tridecanoic acid                  | *             | 240.000 | J 0    | 0   | ug/Kg |
| Total Tics :                           |                       |        |                                   | 520.00        |         |        |     |       |
| Total Concentration:                   |                       |        |                                   | 520.00        |         |        |     |       |
| Client ID : PR132-S04-000013-20251016  |                       |        |                                   |               |         |        |     |       |
| Q3375-02                               | PR132-S04-000013-2025 | SOIL   | Benzophenone                      | *             | 390.000 | J 0    | 0   | ug/Kg |
| Q3375-02                               | PR132-S04-000013-2025 | SOIL   | n-Hexadecanoic acid               | *             | 250.000 | J 0    | 0   | ug/Kg |
| Q3375-02                               | PR132-S04-000013-2025 | SOIL   | Pentafluoropropionic acid, heptad | *             | 220.000 | J 0    | 0   | ug/Kg |
| Total Tics :                           |                       |        |                                   | 860.00        |         |        |     |       |
| Total Concentration:                   |                       |        |                                   | 860.00        |         |        |     |       |
| Client ID : PR132-S05-000057-20251016  |                       |        |                                   |               |         |        |     |       |
| Q3375-03                               | PR132-S05-000057-2025 | SOIL   | Benzophenone                      | *             | 220.000 | J 0    | 0   | ug/Kg |
| Total Tics :                           |                       |        |                                   | 220.00        |         |        |     |       |
| Total Concentration:                   |                       |        |                                   | 220.00        |         |        |     |       |
| Client ID : PR132-S02-010074-20251016  |                       |        |                                   |               |         |        |     |       |
| Q3375-04                               | PR132-S02-010074-2025 | SOIL   | Benzo(a)pyrene                    |               | 130.000 | J 53.3 | 310 | ug/Kg |
| Total Svoc :                           |                       |        |                                   | 130.00        |         |        |     |       |
| Q3375-04                               | PR132-S02-010074-2025 | SOIL   | 1-Heneicosanol                    | *             | 270.000 | J 0    | 0   | ug/Kg |
| Q3375-04                               | PR132-S02-010074-2025 | SOIL   | Benzophenone                      | *             | 460.000 | J 0    | 0   | ug/Kg |
| Q3375-04                               | PR132-S02-010074-2025 | SOIL   | Dodecane, 2,7,10-trimethyl-       | *             | 170.000 | J 0    | 0   | ug/Kg |
| Q3375-04                               | PR132-S02-010074-2025 | SOIL   | Tridecane                         | *             | 180.000 | J 0    | 0   | ug/Kg |
| Q3375-04                               | PR132-S02-010074-2025 | SOIL   | Tridecanoic acid                  | *             | 330.000 | J 0    | 0   | ug/Kg |
| Q3375-04                               | PR132-S02-010074-2025 | SOIL   | Undecane, 2,6-dimethyl-           | *             | 140.000 | J 0    | 0   | ug/Kg |
| Total Tics :                           |                       |        |                                   | 1,550.00      |         |        |     |       |
| Total Concentration:                   |                       |        |                                   | 1,680.00      |         |        |     |       |
| Client ID : PR132-DP02-074099-20251016 |                       |        |                                   |               |         |        |     |       |
| Q3375-05                               | PR132-DP02-074099-202 | SOIL   | Phenanthrene                      |               | 99.800  | J 31.3 | 250 | ug/Kg |
| Q3375-05                               | PR132-DP02-074099-202 | SOIL   | Fluoranthene                      |               | 160.000 | J 44.9 | 250 | ug/Kg |
| Q3375-05                               | PR132-DP02-074099-202 | SOIL   | Bis(2-ethylhexyl)phthalate        |               | 130.000 | J 88.6 | 250 | ug/Kg |
| Total Svoc :                           |                       |        |                                   | 389.80        |         |        |     |       |
| Q3375-05                               | PR132-DP02-074099-202 | SOIL   | Benzophenone                      | *             | 300.000 | J 0    | 0   | ug/Kg |
| Q3375-05                               | PR132-DP02-074099-202 | SOIL   | Cyclopentadecane                  | *             | 150.000 | J 0    | 0   | ug/Kg |
| Q3375-05                               | PR132-DP02-074099-202 | SOIL   | n-Hexadecanoic acid               | *             | 280.000 | J 0    | 0   | ug/Kg |
| Total Tics :                           |                       |        |                                   | 730.00        |         |        |     |       |
| Total Concentration:                   |                       |        |                                   | 1,119.80      |         |        |     |       |



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Fax : 908 789 8922

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q3375  
**Client:** AECOM

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| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|



# QC SUMMARY

## Surrogate Summary

SW-846

SDG No.: Q3375

Client: AECOM

Analytical Method: 8270E

| Lab Sample ID | Client ID                  | Parameter            | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------------|----------------------|-------------|--------------|--------------|------|------------|------|
|               |                            |                      |             |              |              |      | Low        | High |
| PB170165BL    | PB170165BL                 | 2-Fluorophenol       | 150         | 143          | 95           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 133          | 89           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 96.4         | 96           |      | 18         | 107  |
|               |                            | 2-Fluorobiphenyl     | 100         | 96.2         | 96           |      | 20         | 109  |
|               |                            | 2,4,6-Tribromophenol | 150         | 158          | 105          |      | 10         | 116  |
|               |                            | Terphenyl-d14        | 100         | 103          | 103          |      | 10         | 105  |
| PB170165BS    | PB170165BS                 | 2-Fluorophenol       | 150         | 109          | 73           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 125          | 84           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 83.5         | 84           |      | 18         | 107  |
|               |                            | 2-Fluorobiphenyl     | 100         | 82.8         | 83           |      | 20         | 109  |
|               |                            | 2,4,6-Tribromophenol | 150         | 135          | 90           |      | 10         | 116  |
|               |                            | Terphenyl-d14        | 100         | 86.2         | 86           |      | 10         | 105  |
| Q3375-01      | PR132-S02-074099-20251016  | 2-Fluorophenol       | 150         | 67.8         | 45           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 65.1         | 43           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 43.7         | 44           |      | 18         | 107  |
|               |                            | 2-Fluorobiphenyl     | 100         | 38.6         | 39           |      | 20         | 109  |
|               |                            | 2,4,6-Tribromophenol | 150         | 57.6         | 38           |      | 10         | 116  |
|               |                            | Terphenyl-d14        | 100         | 28.1         | 28           |      | 10         | 105  |
| Q3375-02      | PR132-S04-000013-20251016  | 2-Fluorophenol       | 150         | 87.8         | 59           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 85.8         | 57           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 61.3         | 61           |      | 18         | 107  |
|               |                            | 2-Fluorobiphenyl     | 100         | 61.2         | 61           |      | 20         | 109  |
|               |                            | 2,4,6-Tribromophenol | 150         | 79.9         | 53           |      | 10         | 116  |
|               |                            | Terphenyl-d14        | 100         | 44.1         | 44           |      | 10         | 105  |
| Q3375-03      | PR132-S05-000057-20251016  | 2-Fluorophenol       | 150         | 59.8         | 40           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 57.6         | 38           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 40.5         | 40           |      | 18         | 107  |
|               |                            | 2-Fluorobiphenyl     | 100         | 36.8         | 37           |      | 20         | 109  |
|               |                            | 2,4,6-Tribromophenol | 150         | 47.6         | 32           |      | 10         | 116  |
|               |                            | Terphenyl-d14        | 100         | 23.4         | 23           |      | 10         | 105  |
| Q3375-04      | PR132-S02-010074-20251016  | 2-Fluorophenol       | 150         | 84.6         | 56           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 82.3         | 55           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 57.6         | 58           |      | 18         | 107  |
|               |                            | 2-Fluorobiphenyl     | 100         | 50.7         | 51           |      | 20         | 109  |
|               |                            | 2,4,6-Tribromophenol | 150         | 72.6         | 48           |      | 10         | 116  |
|               |                            | Terphenyl-d14        | 100         | 35.4         | 35           |      | 10         | 105  |
| Q3375-05      | PR132-DP02-074099-20251016 | 2-Fluorophenol       | 150         | 82.9         | 55           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 78.6         | 52           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 57.5         | 57           |      | 18         | 107  |
|               |                            | 2-Fluorobiphenyl     | 100         | 50.3         | 50           |      | 20         | 109  |
|               |                            | 2,4,6-Tribromophenol | 150         | 70.8         | 47           |      | 10         | 116  |
|               |                            | Terphenyl-d14        | 100         | 35.0         | 35           |      | 10         | 105  |
| Q3381-03MS    | VNJ-245MS                  | 2-Fluorophenol       | 150         | 67.4         | 45           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 68.3         | 46           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 46.1         | 46           |      | 18         | 107  |
|               |                            | 2-Fluorobiphenyl     | 100         | 32.4         | 32           |      | 20         | 109  |
|               |                            | 2,4,6-Tribromophenol | 150         | 59.5         | 40           |      | 10         | 116  |
|               |                            | Terphenyl-d14        | 100         | 35.4         | 35           |      | 10         | 105  |
| Q3381-03MSD   | VNJ-245MSD                 | 2-Fluorophenol       | 150         | 67.2         | 45           |      | 18         | 112  |
|               |                            | Phenol-d6            | 150         | 68.8         | 46           |      | 15         | 107  |
|               |                            | Nitrobenzene-d5      | 100         | 46.4         | 46           |      | 18         | 107  |



## Surrogate Summary

SW-846

SDG No.: Q3375

Client: AECOM

Analytical Method: 8270E

| Lab Sample ID | Client ID  | Parameter            | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|----------------------|-------------|--------------|--------------|------|------------|------|
|               |            |                      |             |              |              |      | Low        | High |
| Q3381-03MSD   | VNJ-245MSD | 2-Fluorobiphenyl     | 100         | 32.2         | 32           |      | 20         | 109  |
|               |            | 2,4,6-Tribromophenol | 150         | 55.9         | 37           |      | 10         | 116  |
|               |            | Terphenyl-d14        | 100         | 32.9         | 33           |      | 10         | 105  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3375

**Analytical Method:** SW8270E

**Client:** AECOM

**DataFile:** BF144000.D

| Parameter                        | Spike | Sample Result                      | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|------------------------------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: Q3381-03MS</b> |       | <b>Client Sample ID: VNJ-245MS</b> |        |       |     |          |     |          |     |             |     |
| Benzaldehyde                     | 1200  | 0                                  | 650    | ug/Kg | 54  |          |     |          | 10  | 171         |     |
| Phenol                           | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 51  | 122         |     |
| bis(2-Chloroethyl)ether          | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 54  | 125         |     |
| 2-Chlorophenol                   | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 51  | 121         |     |
| 2-Methylphenol                   | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 47  | 125         |     |
| 2,2-oxybis(1-Chloropropane)      | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 46  | 119         |     |
| Acetophenone                     | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 55  | 128         |     |
| 3+4-Methylphenols                | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 49  | 125         |     |
| N-Nitroso-di-n-propylamine       | 1200  | 0                                  | 1000   | ug/Kg | 83  |          |     |          | 59  | 119         |     |
| Hexachloroethane                 | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 51  | 116         |     |
| Nitrobenzene                     | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 47  | 124         |     |
| Isophorone                       | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 49  | 127         |     |
| 2-Nitrophenol                    | 1200  | 0                                  | 1300   | ug/Kg | 108 |          |     |          | 43  | 131         |     |
| 2,4-Dimethylphenol               | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 63  | 151         |     |
| bis(2-Chloroethoxy)methane       | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 51  | 119         |     |
| 2,4-Dichlorophenol               | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 50  | 122         |     |
| Naphthalene                      | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 51  | 121         |     |
| 4-Chloroaniline                  | 1200  | 0                                  | 540    | ug/Kg | 45  |          |     |          | 10  | 100         |     |
| Hexachlorobutadiene              | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 44  | 126         |     |
| Caprolactam                      | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 51  | 134         |     |
| 4-Chloro-3-methylphenol          | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 57  | 132         |     |
| 2-Methylnaphthalene              | 1200  | 0                                  | 1000   | ug/Kg | 83  |          |     |          | 59  | 123         |     |
| Hexachlorocyclopentadiene        | 2400  | 0                                  | 2400   | ug/Kg | 100 |          |     |          | 10  | 175         |     |
| 2,4,6-Trichlorophenol            | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 33  | 141         |     |
| 2,4,5-Trichlorophenol            | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 38  | 135         |     |
| 1,1-Biphenyl                     | 1200  | 0                                  | 1300   | ug/Kg | 108 |          |     |          | 55  | 131         |     |
| 2-Chloronaphthalene              | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 48  | 124         |     |
| 2-Nitroaniline                   | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 47  | 134         |     |
| Dimethylphthalate                | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 54  | 120         |     |
| Acenaphthylene                   | 1200  | 0                                  | 1300   | ug/Kg | 108 |          |     |          | 57  | 125         |     |
| 2,6-Dinitrotoluene               | 1200  | 0                                  | 1300   | ug/Kg | 108 |          |     |          | 48  | 127         |     |
| 3-Nitroaniline                   | 1200  | 0                                  | 780    | ug/Kg | 65  |          |     |          | 10  | 112         |     |
| Acenaphthene                     | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 70  | 121         |     |
| 2,4-Dinitrophenol                | 2400  | 0                                  | 1400   | ug/Kg | 58  |          |     |          | 10  | 155         |     |
| 4-Nitrophenol                    | 2400  | 0                                  | 2100   | ug/Kg | 88  |          |     |          | 10  | 175         |     |
| Dibenzofuran                     | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 52  | 114         |     |
| 2,4-Dinitrotoluene               | 1200  | 0                                  | 1300   | ug/Kg | 108 |          |     |          | 41  | 140         |     |
| Diethylphthalate                 | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 51  | 119         |     |
| 4-Chlorophenyl-phenylether       | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 48  | 122         |     |
| Fluorene                         | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 53  | 118         |     |
| 4-Nitroaniline                   | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 29  | 140         |     |
| 4,6-Dinitro-2-methylphenol       | 1200  | 0                                  | 1100   | ug/Kg | 92  |          |     |          | 10  | 160         |     |
| N-Nitrosodiphenylamine           | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 73  | 118         |     |
| 4-Bromophenyl-phenylether        | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 65  | 121         |     |
| Hexachlorobenzene                | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 67  | 118         |     |
| Atrazine                         | 1200  | 0                                  | 1200   | ug/Kg | 100 |          |     |          | 45  | 175         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3375

**Analytical Method:** SW8270E

**Client:** AECOM

**DataFile:** BF144000.D

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Pentachlorophenol          | 2400  | 0                | 1900   | ug/Kg | 79  |             |     |             | 13  | 153            |     |
| Phenanthrene               | 1200  | 210              | 1300   | ug/Kg | 91  |             |     |             | 52  | 128            |     |
| Anthracene                 | 1200  | 120              | 1200   | ug/Kg | 90  |             |     |             | 62  | 124            |     |
| Carbazole                  | 1200  | 0                | 1200   | ug/Kg | 100 |             |     |             | 59  | 119            |     |
| Di-n-butylphthalate        | 1200  | 0                | 1200   | ug/Kg | 100 |             |     |             | 55  | 125            |     |
| Fluoranthene               | 1200  | 330              | 1400   | ug/Kg | 89  |             |     |             | 44  | 125            |     |
| Pyrene                     | 1200  | 240              | 1200   | ug/Kg | 80  |             |     |             | 37  | 122            |     |
| Butylbenzylphthalate       | 1200  | 0                | 1200   | ug/Kg | 100 |             |     |             | 44  | 135            |     |
| 3,3-Dichlorobenzidine      | 1200  | 0                | 820    | ug/Kg | 68  |             |     |             | 15  | 112            |     |
| Benzo(a)anthracene         | 1200  | 230              | 1500   | ug/Kg | 106 |             |     |             | 53  | 119            |     |
| Chrysene                   | 1200  | 360              | 1400   | ug/Kg | 87  |             |     |             | 57  | 121            |     |
| bis(2-Ethylhexyl)phthalate | 1200  | 0                | 1300   | ug/Kg | 108 |             |     |             | 42  | 169            |     |
| Di-n-octyl phthalate       | 1200  | 0                | 1500   | ug/Kg | 125 |             |     |             | 51  | 156            |     |
| Benzo(b)fluoranthene       | 1200  | 420              | 1400   | ug/Kg | 82  |             |     |             | 52  | 117            |     |
| Benzo(k)fluoranthene       | 1200  | 130              | 1100   | ug/Kg | 81  |             |     |             | 57  | 134            |     |
| Benzo(a)pyrene             | 1200  | 250              | 1400   | ug/Kg | 96  |             |     |             | 70  | 142            |     |
| Indeno(1,2,3-cd)pyrene     | 1200  | 120              | 1300   | ug/Kg | 98  |             |     |             | 40  | 129            |     |
| Dibenz(a,h)anthracene      | 1200  | 51.1             | 1200   | ug/Kg | 96  |             |     |             | 43  | 123            |     |
| Benzo(g,h,i)perylene       | 1200  | 130              | 1300   | ug/Kg | 98  |             |     |             | 24  | 125            |     |
| 1,2,4,5-Tetrachlorobenzene | 1200  | 0                | 1300   | ug/Kg | 108 |             |     |             | 52  | 134            |     |
| 1,4-Dioxane                | 1200  | 0                | 1100   | ug/Kg | 92  |             |     |             | 46  | 112            |     |
| 2,3,4,6-Tetrachlorophenol  | 1200  | 0                | 1100   | ug/Kg | 92  |             |     |             | 24  | 146            |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3375

**Analytical Method:** SW8270E

**Client:** AECOM

**DataFile:** BF144001.D

| Parameter                   | Spike              | Sample Result            | Result            | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|-------------------|-------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>Q3381-03MSD</b> | <b>Client Sample ID:</b> | <b>VNJ-245MSD</b> |       |     |          |     |          |     |             |     |
| Benzaldehyde                | 1200               | 0                        | 660               | ug/Kg | 55  |          | 2   |          | 10  | 171         | 20  |
| Phenol                      | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 8   |          | 51  | 122         | 20  |
| bis(2-Chloroethyl)ether     | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 54  | 125         | 20  |
| 2-Chlorophenol              | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 51  | 121         | 20  |
| 2-Methylphenol              | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 47  | 125         | 20  |
| 2,2-oxybis(1-Chloropropane) | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 46  | 119         | 20  |
| Acetophenone                | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 0   |          | 55  | 128         | 20  |
| 3+4-Methylphenols           | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 49  | 125         | 20  |
| N-Nitroso-di-n-propylamine  | 1200               | 0                        | 1000              | ug/Kg | 83  |          | 0   |          | 59  | 119         | 20  |
| Hexachloroethane            | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 51  | 116         | 20  |
| Nitrobenzene                | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 0   |          | 47  | 124         | 20  |
| Isophorone                  | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 49  | 127         | 20  |
| 2-Nitrophenol               | 1200               | 0                        | 1300              | ug/Kg | 108 |          | 0   |          | 43  | 131         | 20  |
| 2,4-Dimethylphenol          | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 0   |          | 63  | 151         | 20  |
| bis(2-Chloroethoxy)methane  | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 51  | 119         | 20  |
| 2,4-Dichlorophenol          | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 50  | 122         | 20  |
| Naphthalene                 | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 51  | 121         | 20  |
| 4-Chloroaniline             | 1200               | 0                        | 480               | ug/Kg | 40  |          | 12  |          | 10  | 100         | 20  |
| Hexachlorobutadiene         | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 44  | 126         | 20  |
| Caprolactam                 | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 51  | 134         | 20  |
| 4-Chloro-3-methylphenol     | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 57  | 132         | 20  |
| 2-Methylnaphthalene         | 1200               | 0                        | 1000              | ug/Kg | 83  |          | 0   |          | 59  | 123         | 20  |
| Hexachlorocyclopentadiene   | 2500               | 0                        | 2400              | ug/Kg | 96  |          | 4   |          | 10  | 175         | 20  |
| 2,4,6-Trichlorophenol       | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 33  | 141         | 20  |
| 2,4,5-Trichlorophenol       | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 38  | 135         | 20  |
| 1,1-Biphenyl                | 1200               | 0                        | 1300              | ug/Kg | 108 |          | 0   |          | 55  | 131         | 20  |
| 2-Chloronaphthalene         | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 48  | 124         | 20  |
| 2-Nitroaniline              | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 0   |          | 47  | 134         | 20  |
| Dimethylphthalate           | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 54  | 120         | 20  |
| Acenaphthylene              | 1200               | 0                        | 1300              | ug/Kg | 108 |          | 0   |          | 57  | 125         | 20  |
| 2,6-Dinitrotoluene          | 1200               | 0                        | 1300              | ug/Kg | 108 |          | 0   |          | 48  | 127         | 20  |
| 3-Nitroaniline              | 1200               | 0                        | 720               | ug/Kg | 60  |          | 8   |          | 10  | 112         | 20  |
| Acenaphthene                | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 8   |          | 70  | 121         | 20  |
| 2,4-Dinitrophenol           | 2500               | 0                        | 1500              | ug/Kg | 60  |          | 3   |          | 10  | 155         | 20  |
| 4-Nitrophenol               | 2500               | 0                        | 2000              | ug/Kg | 80  |          | 10  |          | 10  | 175         | 20  |
| Dibenzofuran                | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 52  | 114         | 20  |
| 2,4-Dinitrotoluene          | 1200               | 0                        | 1300              | ug/Kg | 108 |          | 0   |          | 41  | 140         | 20  |
| Diethylphthalate            | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 51  | 119         | 20  |
| 4-Chlorophenyl-phenylether  | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 48  | 122         | 20  |
| Fluorene                    | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 8   |          | 53  | 118         | 20  |
| 4-Nitroaniline              | 1200               | 0                        | 1000              | ug/Kg | 83  |          | 10  |          | 29  | 140         | 20  |
| 4,6-Dinitro-2-methylphenol  | 1200               | 0                        | 1100              | ug/Kg | 92  |          | 0   |          | 10  | 160         | 20  |
| N-Nitrosodiphenylamine      | 1200               | 0                        | 1300              | ug/Kg | 108 |          | 8   |          | 73  | 118         | 20  |
| 4-Bromophenyl-phenylether   | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 0   |          | 65  | 121         | 20  |
| Hexachlorobenzene           | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 0   |          | 67  | 118         | 20  |
| Atrazine                    | 1200               | 0                        | 1200              | ug/Kg | 100 |          | 0   |          | 45  | 175         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3375

**Analytical Method:** SW8270E

**Client:** AECOM

**DataFile:** BF144001.D

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Pentachlorophenol          | 2500  | 0                | 1900   | ug/Kg | 76  |             | 4   |             | 13  | 153            | 20  |
| Phenanthrene               | 1200  | 210              | 1300   | ug/Kg | 91  |             | 0   |             | 52  | 128            | 20  |
| Anthracene                 | 1200  | 120              | 1200   | ug/Kg | 90  |             | 0   |             | 62  | 124            | 20  |
| Carbazole                  | 1200  | 0                | 1200   | ug/Kg | 100 |             | 0   |             | 59  | 119            | 20  |
| Di-n-butylphthalate        | 1200  | 0                | 1100   | ug/Kg | 92  |             | 8   |             | 55  | 125            | 20  |
| Fluoranthene               | 1200  | 330              | 1300   | ug/Kg | 81  |             | 9   |             | 44  | 125            | 20  |
| Pyrene                     | 1200  | 240              | 1100   | ug/Kg | 72  |             | 11  |             | 37  | 122            | 20  |
| Butylbenzylphthalate       | 1200  | 0                | 1100   | ug/Kg | 92  |             | 8   |             | 44  | 135            | 20  |
| 3,3-Dichlorobenzidine      | 1200  | 0                | 810    | ug/Kg | 68  |             | 0   |             | 15  | 112            | 20  |
| Benzo(a)anthracene         | 1200  | 230              | 1400   | ug/Kg | 98  |             | 8   |             | 53  | 119            | 20  |
| Chrysene                   | 1200  | 360              | 1400   | ug/Kg | 87  |             | 0   |             | 57  | 121            | 20  |
| bis(2-Ethylhexyl)phthalate | 1200  | 0                | 1200   | ug/Kg | 100 |             | 8   |             | 42  | 169            | 20  |
| Di-n-octyl phthalate       | 1200  | 0                | 1400   | ug/Kg | 117 |             | 7   |             | 51  | 156            | 20  |
| Benzo(b)fluoranthene       | 1200  | 420              | 1400   | ug/Kg | 82  |             | 0   |             | 52  | 117            | 20  |
| Benzo(k)fluoranthene       | 1200  | 130              | 1200   | ug/Kg | 89  |             | 9   |             | 57  | 134            | 20  |
| Benzo(a)pyrene             | 1200  | 250              | 1400   | ug/Kg | 96  |             | 0   |             | 70  | 142            | 20  |
| Indeno(1,2,3-cd)pyrene     | 1200  | 120              | 1300   | ug/Kg | 98  |             | 0   |             | 40  | 129            | 20  |
| Dibenz(a,h)anthracene      | 1200  | 51.1             | 1200   | ug/Kg | 96  |             | 0   |             | 43  | 123            | 20  |
| Benzo(g,h,i)perylene       | 1200  | 130              | 1300   | ug/Kg | 98  |             | 0   |             | 24  | 125            | 20  |
| 1,2,4,5-Tetrachlorobenzene | 1200  | 0                | 1200   | ug/Kg | 100 |             | 8   |             | 52  | 134            | 20  |
| 1,4-Dioxane                | 1200  | 0                | 1100   | ug/Kg | 92  |             | 0   |             | 46  | 112            | 20  |
| 2,3,4,6-Tetrachlorophenol  | 1200  | 0                | 1100   | ug/Kg | 92  |             | 0   |             | 24  | 146            | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3375

Analytical Method: 8270E

Client: AECOM

DataFile: BG064549.D

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB170165BS    | Benzaldehyde                | 1700  | 630    | ug/Kg | 37  |     |      |      | 10  | 133    |     |
|               | Phenol                      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 112    |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 60  | 101    |     |
|               | 2-Chlorophenol              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 65  | 112    |     |
|               | 2-Methylphenol              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 108    |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1200   | ug/Kg | 71  |     |      |      | 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  | 1500   | ug/Kg | 88  |     |      |      | 57  | 101    |     |
|               | Isophorone                  | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59  | 99     |     |
|               | 2-Nitrophenol               | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 111    |     |
|               | 2,4-Dimethylphenol          | 1700  | 1700   | ug/Kg | 100 |     |      |      | 46  | 141    |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 66  | 97     |     |
|               | 2,4-Dichlorophenol          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 62  | 107    |     |
|               | Naphthalene                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 100    |     |
|               | 4-Chloroaniline             | 1700  | 900    | ug/Kg | 53  |     |      |      | 16  | 100    |     |
|               | Hexachlorobutadiene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 53  | 98     |     |
|               | Caprolactam                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 67  | 110    |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58  | 112    |     |
|               | 2-Methylnaphthalene         | 1700  | 1300   | ug/Kg | 76  |     |      |      | 60  | 104    |     |
|               | Hexachlorocyclopentadiene   | 3300  | 4200   | ug/Kg | 127 |     |      |      | 45  | 165    |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59  | 102    |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 98     |     |
|               | 1,1-Biphenyl                | 1700  | 1600   | ug/Kg | 94  |     |      |      | 57  | 103    |     |
|               | 2-Chloronaphthalene         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 58  | 99     |     |
|               | 2-Nitroaniline              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 66  | 101    |     |
|               | Dimethylphthalate           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 99     |     |
|               | Acenaphthylene              | 1700  | 1700   | ug/Kg | 100 |     |      |      | 63  | 101    |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 104    |     |
|               | 3-Nitroaniline              | 1700  | 1100   | ug/Kg | 65  |     |      |      | 28  | 100    |     |
|               | Acenaphthene                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57  | 104    |     |
|               | 2,4-Dinitrophenol           | 3300  | 2600   | ug/Kg | 79  |     |      |      | 37  | 128    |     |
|               | 4-Nitrophenol               | 3300  | 2900   | ug/Kg | 88  |     |      |      | 48  | 119    |     |
|               | Dibenzofuran                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63  | 99     |     |
|               | 2,4-Dinitrotoluene          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 60  | 106    |     |
|               | Diethylphthalate            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60  | 101    |     |
|               | 4-Chlorophenyl-phenylether  | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58  | 98     |     |
|               | Fluorene                    | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 101    |     |
|               | 4-Nitroaniline              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 64  | 103    |     |
|               | 4,6-Dinitro-2-methylphenol  | 1700  | 1600   | ug/Kg | 94  |     |      |      | 76  | 113    |     |
|               | N-Nitrosodiphenylamine      | 1700  | 1600   | ug/Kg | 94  |     |      |      | 71  | 99     |     |
|               | 4-Bromophenyl-phenylether   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 66  | 102    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3375

Analytical Method: 8270E

Client: AECOM

DataFile: BG064549.D

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB170165BS    | Hexachlorobenzene          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 64  | 98     |  |     |
|               | Atrazine                   | 1700  | 1600   | ug/Kg | 94  |     |      |      | 47  | 152    |  |     |
|               | Pentachlorophenol          | 3300  | 3200   | ug/Kg | 97  |     |      |      | 67  | 105    |  |     |
|               | Phenanthrene               | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59  | 103    |  |     |
|               | Anthracene                 | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 105    |  |     |
|               | Carbazole                  | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 99     |  |     |
|               | Di-n-butylphthalate        | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58  | 104    |  |     |
|               | Fluoranthene               | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57  | 107    |  |     |
|               | Pyrene                     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59  | 103    |  |     |
|               | Butylbenzylphthalate       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 55  | 103    |  |     |
|               | 3,3-Dichlorobenzidine      | 1700  | 1100   | ug/Kg | 65  |     |      |      | 42  | 91     |  |     |
|               | Benzo(a)anthracene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60  | 102    |  |     |
|               | Chrysene                   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59  | 101    |  |     |
|               | bis(2-Ethylhexyl)phthalate | 1700  | 1500   | ug/Kg | 88  |     |      |      | 54  | 135    |  |     |
|               | Di-n-octyl phthalate       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 52  | 137    |  |     |
|               | Benzo(b)fluoranthene       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 62  | 109    |  |     |
|               | Benzo(k)fluoranthene       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 109    |  |     |
|               | Benzo(a)pyrene             | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63  | 103    |  |     |
|               | 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  | 1600   | ug/Kg | 94  |     |      |      | 53  | 101    |  |     |
|               | 1,4-Dioxane                | 1700  | 990    | ug/Kg | 58  |     |      |      | 50  | 96     |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1700  | 1600   | ug/Kg | 94  |     |      |      | 59  | 108    |  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170165BL

Lab Name: Alliance

Contract: AEC002

Lab Code: ACE

SDG NO.: Q3375

Lab File ID: BG064548.D

Lab Sample ID: PB170165BL

Instrument ID: BNA\_G

Date Extracted: 10/20/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/20/2025

Level: (low/med) LOW

Time Analyzed: 13:44

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

| EPA<br>SAMPLE NO.          | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|----------------------------|------------------|----------------|------------------|
| PB170165BS                 | PB170165BS       | BG064549.D     | 10/20/2025       |
| VNJ-245MS                  | Q3381-03MS       | BF144000.D     | 10/20/2025       |
| VNJ-245MSD                 | Q3381-03MSD      | BF144001.D     | 10/20/2025       |
| PR132-S02-074099-20251016  | Q3375-01         | BF144015.D     | 10/21/2025       |
| PR132-S04-000013-20251016  | Q3375-02         | BF144016.D     | 10/21/2025       |
| PR132-S05-000057-20251016  | Q3375-03         | BF144017.D     | 10/21/2025       |
| PR132-S02-010074-20251016  | Q3375-04         | BF144018.D     | 10/21/2025       |
| PR132-DP02-074099-20251016 | Q3375-05         | BF144019.D     | 10/21/2025       |

COMMENTS: \_\_\_\_\_

\_\_\_\_\_





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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BF143874.D  
Instrument ID: BNA\_F

Contract: AEC002  
SDG NO.: Q3375  
DFTPP Injection Date: 10/06/2025  
DFTPP Injection Time: 09:30

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 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        | 4.3                  |
| 441 | Present, but less than mass 443    | 78.8                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.6 ( 19.6 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BF143875.D     | 10/06/2025       | 09:59            |
| SSTDICC005        | SSTDICC005       | BF143876.D     | 10/06/2025       | 10:28            |
| SSTDICC010        | SSTDICC010       | BF143877.D     | 10/06/2025       | 10:57            |
| SSTDICC020        | SSTDICC020       | BF143878.D     | 10/06/2025       | 11:56            |
| SSTDICCC040       | SSTDICCC040      | BF143879.D     | 10/06/2025       | 12:54            |
| SSTDICC050        | SSTDICC050       | BF143880.D     | 10/06/2025       | 13:23            |
| SSTDICC060        | SSTDICC060       | BF143881.D     | 10/06/2025       | 13:53            |
| SSTDICC080        | SSTDICC080       | BF143882.D     | 10/06/2025       | 14:22            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: AEC002Lab Code: ACESDG NO.: Q3375Lab File ID: BF143996.DDFTPP Injection Date: 10/20/2025Instrument ID: BNA\_FDFTPP Injection Time: 12:02

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.3 ( 1.3 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.8 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.8                  |
| 365 | Greater than 1% of mass 198        | 4.5                  |
| 441 | Present, but less than mass 443    | 82.5                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.7 ( 19.7 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BF143997.D     | 10/20/2025       | 13:28            |
| VNJ-245MS         | Q3381-03MS       | BF144000.D     | 10/20/2025       | 15:57            |
| VNJ-245MSD        | Q3381-03MSD      | BF144001.D     | 10/20/2025       | 16:27            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: AEC002Lab Code: ACESDG NO.: Q3375Lab File ID: BF144008.DDFTPP Injection Date: 10/21/2025Instrument ID: BNA\_FDFTPP Injection Time: 12:43

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 100                  |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 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                    |
| 365 | Greater than 1% of mass 198        | 7.0                  |
| 441 | Present, but less than mass 443    | 3.6                  |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.7 ( 19.7 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO.          | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|----------------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040                 | SSTDCCC040       | BF144009.D     | 10/21/2025       | 13:29            |
| PR132-S02-074099-20251016  | Q3375-01         | BF144015.D     | 10/21/2025       | 16:32            |
| PR132-S04-000013-20251016  | Q3375-02         | BF144016.D     | 10/21/2025       | 17:02            |
| PR132-S05-000057-20251016  | Q3375-03         | BF144017.D     | 10/21/2025       | 17:31            |
| PR132-S02-010074-20251016  | Q3375-04         | BF144018.D     | 10/21/2025       | 18:01            |
| PR132-DP02-074099-20251016 | Q3375-05         | BF144019.D     | 10/21/2025       | 18:30            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BG064472.D  
Instrument ID: BNA\_G

Contract: AEC002  
SDG NO.: Q3375  
DFTPP Injection Date: 10/02/2025  
DFTPP Injection Time: 08:21

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.3 ( 1.1 ) 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         | 0.0                  |
| 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        | 7.1                  |
| 441 | Present, but less than mass 443    | 86.2                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.5 ( 19.5 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BG064473.D     | 10/02/2025       | 09:01            |
| SSTDICC005        | SSTDICC005       | BG064474.D     | 10/02/2025       | 09:42            |
| SSTDICC020        | SSTDICC020       | BG064476.D     | 10/02/2025       | 11:33            |
| SSTDICCC040       | SSTDICCC040      | BG064477.D     | 10/02/2025       | 12:14            |
| SSTDICC050        | SSTDICC050       | BG064478.D     | 10/02/2025       | 12:55            |
| SSTDICC060        | SSTDICC060       | BG064479.D     | 10/02/2025       | 13:35            |
| SSTDICC080        | SSTDICC080       | BG064480.D     | 10/02/2025       | 14:16            |
| SSTDICC010        | SSTDICC010       | BG064481.D     | 10/02/2025       | 15:49            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: AEC002Lab Code: ACESDG NO.: Q3375Lab File ID: BG064546.DDFTPP Injection Date: 10/20/2025Instrument ID: BNA\_GDFTPP Injection Time: 12:03

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.3 ( 0.9 ) 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            | 6.5                  |
| 365 | Greater than 1% of mass 198        | 7.0                  |
| 441 | Present, but less than mass 443    | 23.8                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.3 ( 19.3 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BG064547.D     | 10/20/2025       | 12:44            |
| PB170165BL        | PB170165BL       | BG064548.D     | 10/20/2025       | 13:44            |
| PB170165BS        | PB170165BS       | BG064549.D     | 10/20/2025       | 14:25            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID : SSTDCCC040

Date Analyzed: 10/20/2025

Lab File ID: BF143997.D

Time Analyzed: 13:28

Instrument ID: BNA\_F

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

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD    | 108923              | 6.881 | 424804              | 8.16  | 230266              | 9.92   |
| UPPER LIMIT    | 217846              | 7.381 | 849608              | 8.663 | 460532              | 10.422 |
| LOWER LIMIT    | 54461.5             | 6.381 | 212402              | 7.663 | 115133              | 9.422  |
| EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 01 VNJ-245MS   | 103333              | 6.88  | 382013              | 8.16  | 200713              | 9.92   |
| 02 VNJ-245MSD  | 100371              | 6.88  | 371973              | 8.16  | 192676              | 9.92   |

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID: SSTDCCC040

Date Analyzed: 10/20/2025

Lab File ID: BF143997.D

Time Analyzed: 13:28

Instrument ID: BNA\_F

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

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 385198              | 11.416 | 224376              | 14.063 | 212318              | 15.545 |
| UPPER LIMIT    | 770396              | 11.916 | 448752              | 14.563 | 424636              | 16.045 |
| LOWER LIMIT    | 192599              | 10.916 | 112188              | 13.563 | 106159              | 15.045 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 VNJ-245MS   | 318387              | 11.42  | 223763              | 14.06  | 294781              | 15.55  |
| 02 VNJ-245MSD  | 292615              | 11.41  | 212179              | 14.06  | 285074              | 15.55  |

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID : SSTDCCC040

Date Analyzed: 10/21/2025

Lab File ID: BF144009.D

Time Analyzed: 13:29

Instrument ID: BNA\_F

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

|                               | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|-------------------------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD                   | 126907              | 6.881 | 483648              | 8.16  | 263342              | 9.92   |
| UPPER LIMIT                   | 253814              | 7.381 | 967296              | 8.663 | 526684              | 10.422 |
| LOWER LIMIT                   | 63453.5             | 6.381 | 241824              | 7.663 | 131671              | 9.422  |
| EPA SAMPLE NO.                |                     |       |                     |       |                     |        |
| 01 PR132-S02-074099-20251016  | 109716              | 6.88  | 402386              | 8.16  | 203476              | 9.92   |
| 02 PR132-S04-000013-20251016  | 116615              | 6.88  | 420206              | 8.16  | 202155              | 9.92   |
| 03 PR132-S05-000057-20251016  | 111644              | 6.88  | 395479              | 8.16  | 186629              | 9.92   |
| 04 PR132-S02-010074-20251016  | 114769              | 6.88  | 412633              | 8.16  | 190672              | 9.92   |
| 05 PR132-DP02-074099-20251016 | 116635              | 6.88  | 418260              | 8.16  | 205210              | 9.92   |

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.



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID: SSTDCCC040

Date Analyzed: 10/21/2025

Lab File ID: BF144009.D

Time Analyzed: 13:29

Instrument ID: BNA\_F

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

|    |                            | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|----------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD                | 430811              | 11.416 | 235758              | 14.063 | 243917              | 15.545 |
|    | UPPER LIMIT                | 861622              | 11.916 | 471516              | 14.563 | 487834              | 16.045 |
|    | LOWER LIMIT                | 215406              | 10.916 | 117879              | 13.563 | 121959              | 15.045 |
|    | EPA SAMPLE NO.             |                     |        |                     |        |                     |        |
| 01 | PR132-S02-074099-20251016  | 318797              | 11.41  | 282059              | 14.06  | 335097              | 15.55  |
| 02 | PR132-S04-000013-20251016  | 308753              | 11.41  | 254161              | 14.06  | 318784              | 15.55  |
| 03 | PR132-S05-000057-20251016  | 279883              | 11.41  | 258346              | 14.06  | 324753              | 15.55  |
| 04 | PR132-S02-010074-20251016  | 289518              | 11.41  | 267469              | 14.06  | 332355              | 15.55  |
| 05 | PR132-DP02-074099-20251016 | 299829              | 11.41  | 262654              | 14.06  | 320945              | 15.55  |

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID : SSTDCCC040

Date Analyzed: 10/20/2025

Lab File ID: BG064547.D

Time Analyzed: 12:44

Instrument ID: BNA\_G

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

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 12980               | 7.817 | 58801               | 10.61  | 45965               | 14.44  |
| UPPER LIMIT    | 25960               | 8.317 | 117602              | 11.107 | 91930               | 14.944 |
| LOWER LIMIT    | 6490                | 7.317 | 29400.5             | 10.107 | 22982.5             | 13.944 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 PB170165BL  | 14412               | 7.81  | 55177               | 10.60  | 43937               | 14.45  |
| 02 PB170165BS  | 13636               | 7.82  | 56148               | 10.61  | 44549               | 14.45  |

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3375

Client ID: SSTDCCC040

Date Analyzed: 10/20/2025

Lab File ID: BG064547.D

Time Analyzed: 12:44

Instrument ID: BNA\_G

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

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 112639              | 17.188 | 113403              | 21.418 | 125032              | 24.403 |
| UPPER LIMIT    | 225278              | 17.688 | 226806              | 21.918 | 250064              | 24.903 |
| LOWER LIMIT    | 56319.5             | 16.688 | 56701.5             | 20.918 | 62516               | 23.903 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 PB170165BL  | 117288              | 17.19  | 124365              | 21.41  | 134795              | 24.41  |
| 02 PB170165BS  | 109767              | 17.19  | 115066              | 21.42  | 122784              | 24.41  |

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



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR132-S02-074099-20251016  
Lab Sample ID: Q3375-01  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL  
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
Date Received: 10/16/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 69.2  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 480   | U    | 1  | 230  | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 108-95-2       | Phenol                      | 250   | U    | 1  | 31.9 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 250   | U    | 1  | 35.1 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 250   | U    | 1  | 35.2 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 250   | U    | 1  | 43.2 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 250   | U    | 1  | 54.2 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 98-86-2        | Acetophenone                | 250   | U    | 1  | 42.6 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 480   | U    | 1  | 59.4 | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 120   | U    | 1  | 68.5 | 120        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 67-72-1        | Hexachloroethane            | 250   | U    | 1  | 25.4 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 98-95-3        | Nitrobenzene                | 250   | U    | 1  | 26.4 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 78-59-1        | Isophorone                  | 250   | U    | 1  | 47.4 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 250   | U    | 1  | 84.0 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 250   | U    | 1  | 93.6 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 250   | U    | 1  | 44.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 250   | U    | 1  | 40.9 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 91-20-3        | Naphthalene                 | 250   | U    | 1  | 32.8 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 250   | U    | 1  | 51.1 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 250   | U    | 1  | 36.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 105-60-2       | Caprolactam                 | 480   | U    | 1  | 75.2 | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 250   | U    | 1  | 41.4 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 250   | U    | 1  | 37.0 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 480   | U    | 1  | 170  | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 250   | U    | 1  | 28.6 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 250   | U    | 1  | 42.0 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 250   | U    | 1  | 31.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 250   | U    | 1  | 32.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 250   | U    | 1  | 69.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 250   | U    | 1  | 39.1 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 208-96-8       | Acenaphthylene              | 250   | U    | 1  | 41.7 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 250   | U    | 1  | 48.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 250   | U    | 1  | 66.4 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 83-32-9        | Acenaphthene                | 250   | U    | 1  | 30.8 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 480   | U    | 1  | 330  | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 480   | U    | 1  | 150  | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 132-64-9       | Dibenzofuran                | 250   | U    | 1  | 32.8 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 250   | U    | 1  | 72.4 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 84-66-2        | Diethylphthalate            | 250   | U    | 1  | 40.9 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 250   | U    | 1  | 38.6 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 86-73-7        | Fluorene                    | 250   | U    | 1  | 36.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 250   | U    | 1  | 92.7 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 480   | U    | 1  | 150  | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR132-S02-074099-20251016  
Lab Sample ID: Q3375-01  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL  
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
Date Received: 10/16/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 69.2  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 250   | U    | 1  | 47.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 250   | U    | 1  | 40.1 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 250   | U    | 1  | 36.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 1912-24-9  | Atrazine                   | 250   | U    | 1  | 49.1 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 480   | U    | 1  | 74.1 | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 85-01-8    | Phenanthrene               | 250   | U    | 1  | 30.2 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 120-12-7   | Anthracene                 | 250   | U    | 1  | 48.1 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 86-74-8    | Carbazole                  | 250   | U    | 1  | 45.1 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 250   | U    | 1  | 69.2 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 206-44-0   | Fluoranthene               | 250   | U    | 1  | 43.3 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 129-00-0   | Pyrene                     | 250   | U    | 1  | 52.0 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 250   | U    | 1  | 100  | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 480   | U    | 1  | 53.0 | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 250   | U    | 1  | 33.2 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 218-01-9   | Chrysene                   | 250   | U    | 1  | 28.7 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 250   | U    | 1  | 85.5 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 480   | U    | 1  | 130  | 480        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 250   | U    | 1  | 27.4 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 250   | U    | 1  | 32.3 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 250   | U    | 1  | 42.6 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 250   | U    | 1  | 42.0 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 250   | U    | 1  | 39.6 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 250   | U    | 1  | 37.1 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 250   | U    | 1  | 37.0 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 250   | U    | 1  | 65.3 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 250   | U    | 1  | 39.6 | 250        | ug/Kg | 10/21/25 16:32 | PB170165     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 67.8 |  | 18 - 112 | 45% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 65.1 |  | 15 - 107 | 43% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 43.7 |  | 18 - 107 | 44% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 38.6 |  | 20 - 109 | 39% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 57.6 |  | 10 - 116 | 38% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 28.1 |  | 10 - 105 | 28% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 110000 |
| 1146-65-2  | Naphthalene-d8         | 402000 |
| 15067-26-2 | Acenaphthene-d10       | 203000 |
| 1517-22-2  | Phenanthrene-d10       | 319000 |
| 1719-03-5  | Chrysene-d12           | 282000 |
| 1520-96-3  | Perylene-d12           | 335000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                  |     |   |      |       |
|-------------|------------------|-----|---|------|-------|
| 000119-61-9 | Benzophenone     | 280 | J | 10.6 | ug/Kg |
| 000638-53-9 | Tridecanoic acid | 240 | J | 11.9 | ug/Kg |



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

## Report of Analysis

|                    |                                                  |                     |                 |                  |
|--------------------|--------------------------------------------------|---------------------|-----------------|------------------|
| Client:            | AECOM                                            |                     | Date Collected: | 10/16/25         |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |                     | Date Received:  | 10/16/25         |
| Client Sample ID:  | PR132-S02-074099-20251016                        |                     | SDG No.:        | Q3375            |
| Lab Sample ID:     | Q3375-01                                         |                     | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | Level : LOW         | % Solid:        | 69.2             |
| Sample Wt/Vol:     | 30.02 g                                          | Final Vol: 1000 uL  | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                                           | Prep Date: 10/20/25 |                 |                  |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144015.D  
Acq On : 21 Oct 2025 16:32  
Operator : RC/JU  
Sample : Q3375-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

Quant Time: Oct 21 17:00:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 109716   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 402386   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 203476   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 318797   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.063 | 240  | 282059   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.545 | 264  | 335097   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 468743   | 67.844 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 536234   | 65.114 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 289450   | 43.703 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 116811   | 57.637 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 495479   | 38.638 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.998 | 244  | 463565   | 28.089 | ng    | -0.01    |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

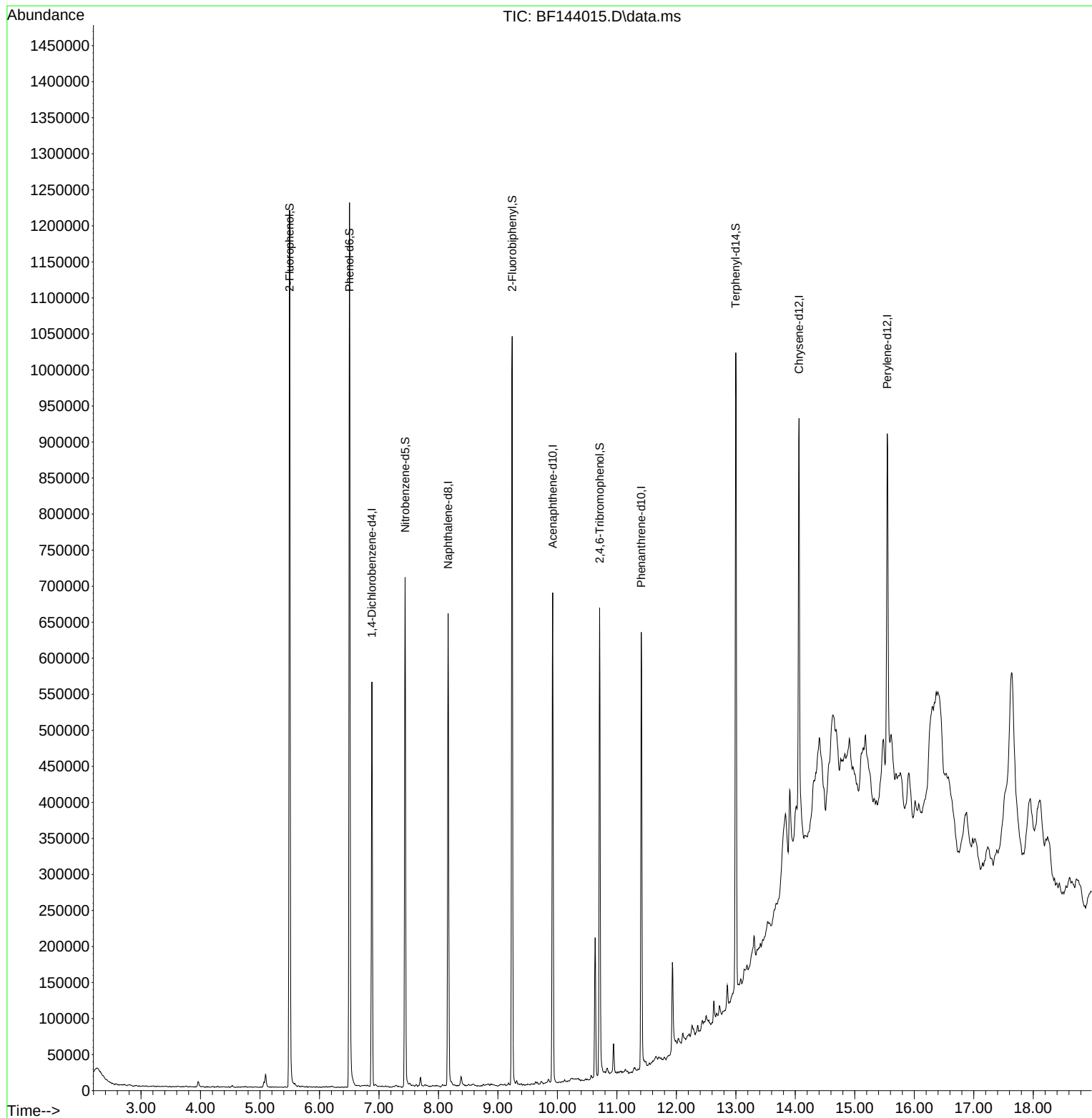
(#) = qualifier out of range (m) = manual integration (+) = signals summed

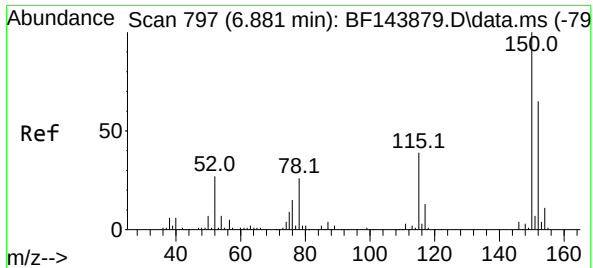


Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144015.D  
Acq On : 21 Oct 2025 16:32  
Operator : RC/JU  
Sample : Q3375-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

Quant Time: Oct 21 17:00:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

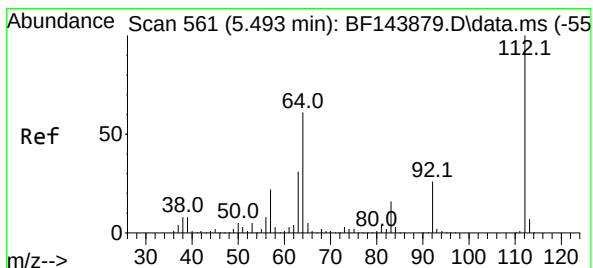
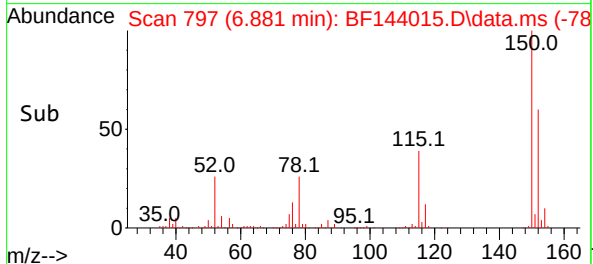
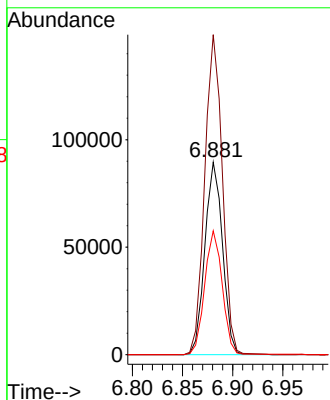
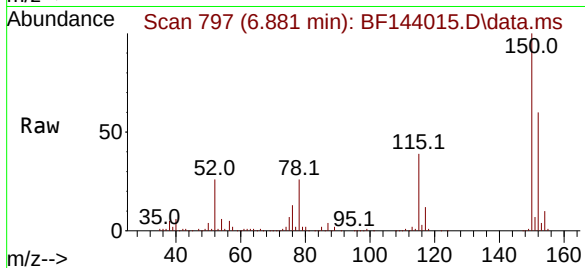




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144015.D  
Acq: 21 Oct 2025 16:32

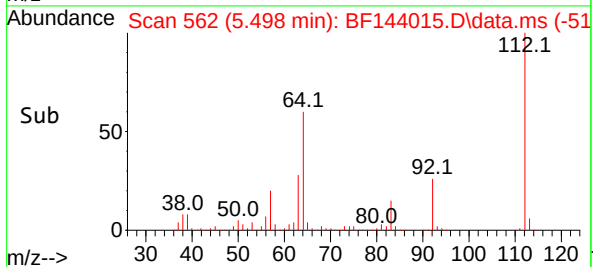
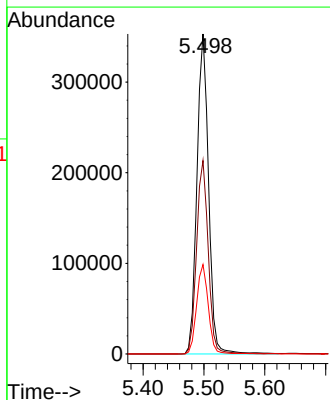
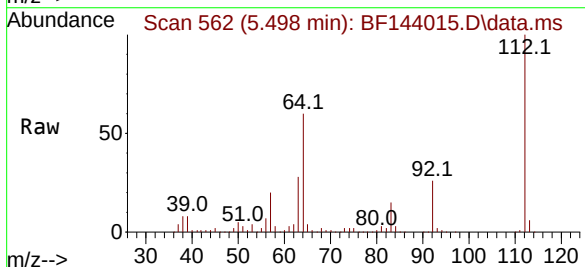
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

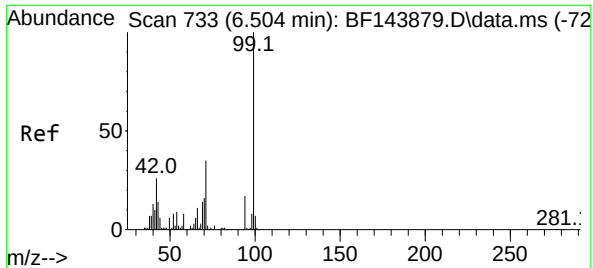
Tgt Ion:152 Resp: 109716  
Ion Ratio Lower Upper  
152 100  
150 166.2 124.4 186.6  
115 64.3 48.1 72.1



#5  
2-Fluorophenol  
Concen: 67.844 ng  
RT: 5.498 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BF144015.D  
Acq: 21 Oct 2025 16:32

Tgt Ion:112 Resp: 468743  
Ion Ratio Lower Upper  
112 100  
64 60.5 49.1 73.7  
63 27.9 24.5 36.7

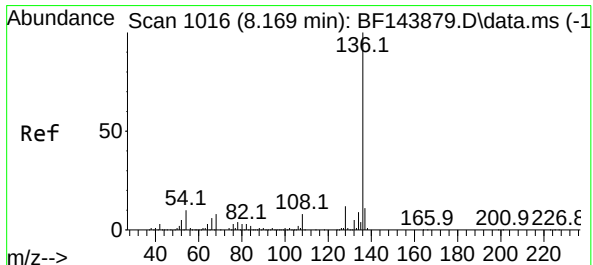
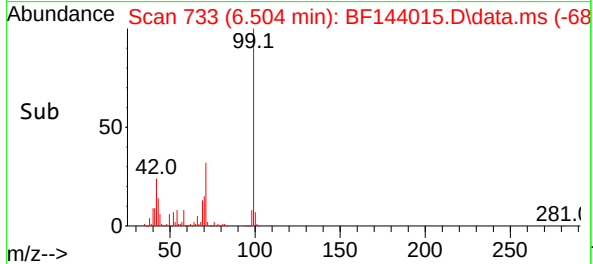
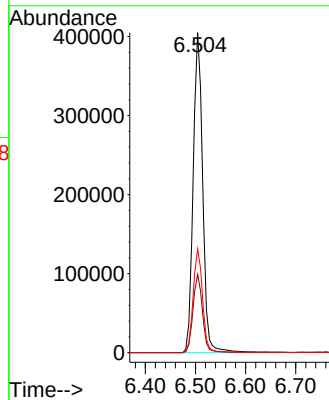
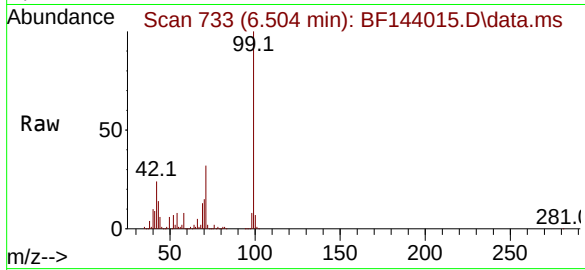




#7  
Phenol-d6  
Concen: 65.114 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF144015.D  
Acq: 21 Oct 2025 16:32

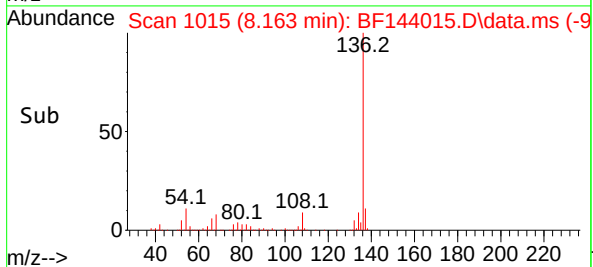
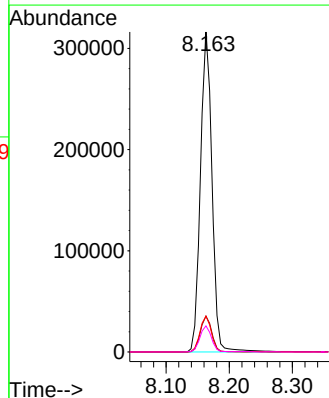
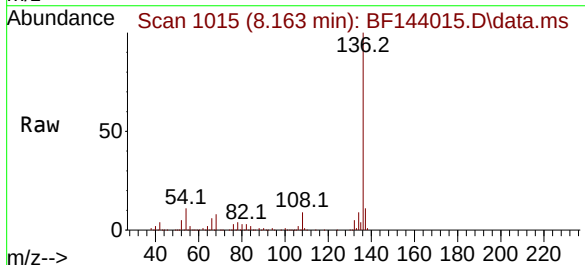
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

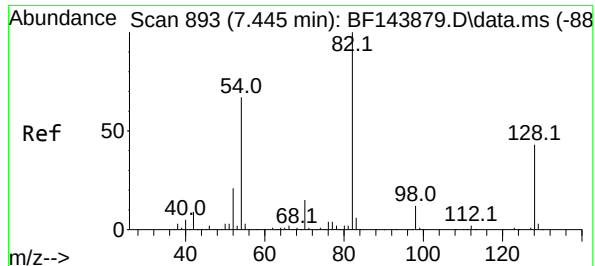
Tgt Ion: 99 Resp: 536234  
Ion Ratio Lower Upper  
99 100  
42 24.4 21.0 31.4  
71 32.4 27.8 41.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF144015.D  
Acq: 21 Oct 2025 16:32

Tgt Ion: 136 Resp: 402386  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.5 12.7  
54 11.2 8.2 12.4  
68 8.2 6.2 9.4





#23

Nitrobenzene-d5

Concen: 43.703 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

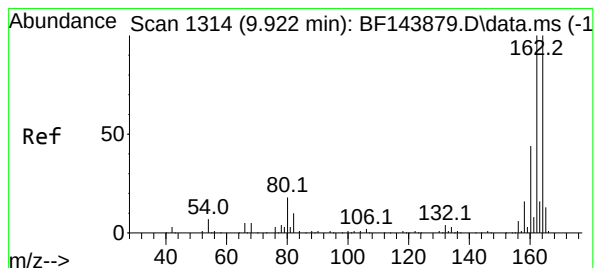
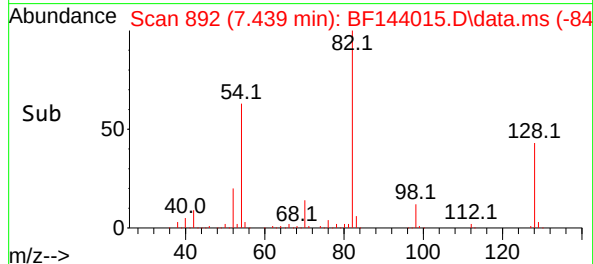
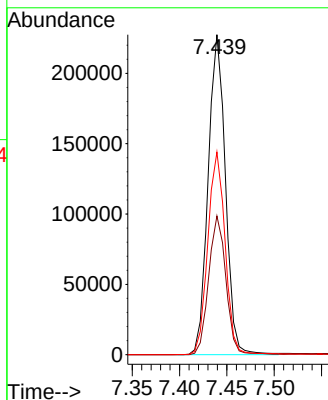
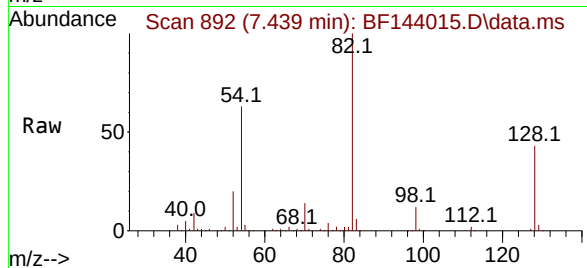
BNA\_F

ClientSampleId :

PR132-S02-074099-20251016

Tgt Ion: 82 Resp: 289450

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.3  | 34.0  | 51.0  |
| 54  | 63.3  | 53.2  | 79.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

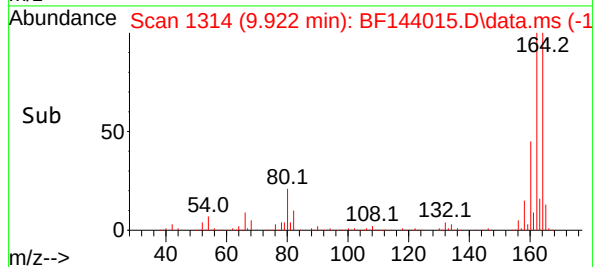
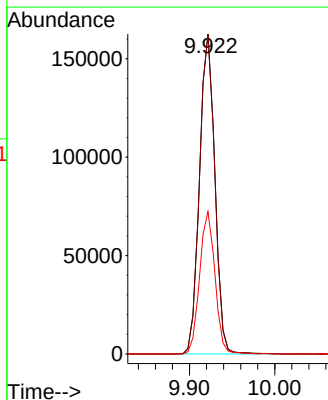
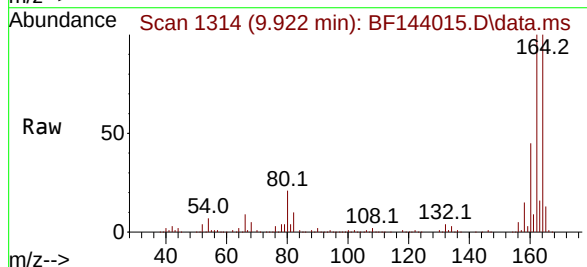
Delta R.T. -0.005 min

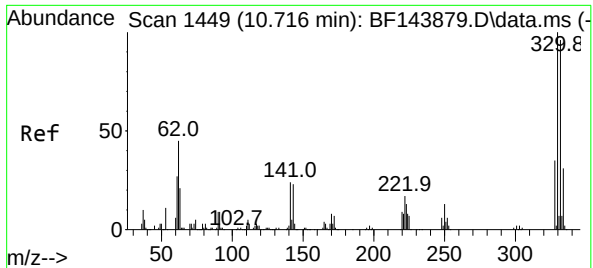
Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Tgt Ion:164 Resp: 203476

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.9  | 80.2  | 120.2 |
| 160 | 44.5  | 35.4  | 53.0  |





#42

2,4,6-Tribromophenol

Concen: 57.637 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

BNA\_F

ClientSampleId :

PR132-S02-074099-20251016

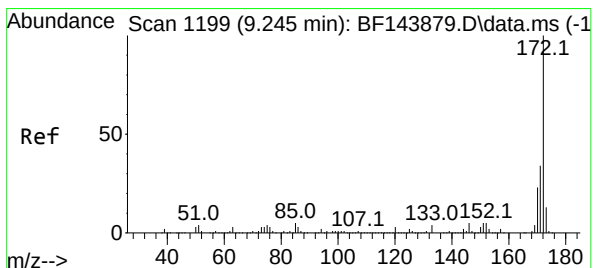
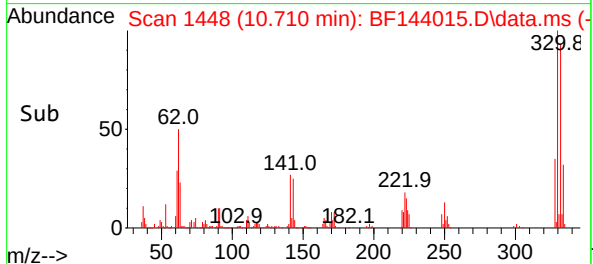
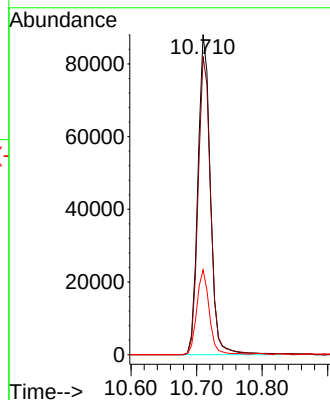
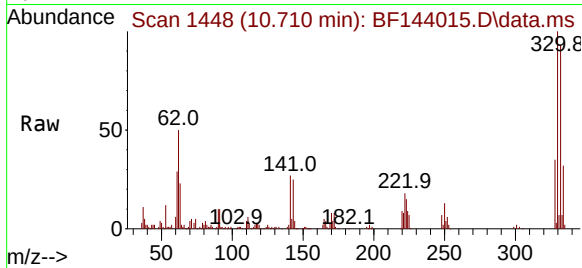
Tgt Ion:330 Resp: 116811

Ion Ratio Lower Upper

330 100

332 93.8 76.9 115.3

141 26.6 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 38.638 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

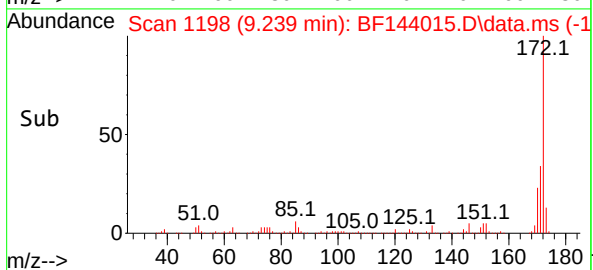
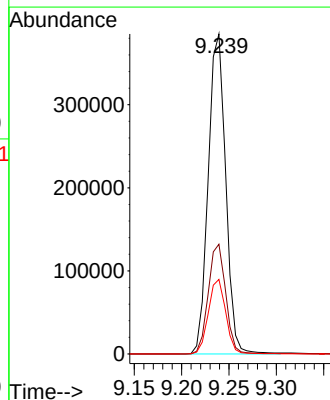
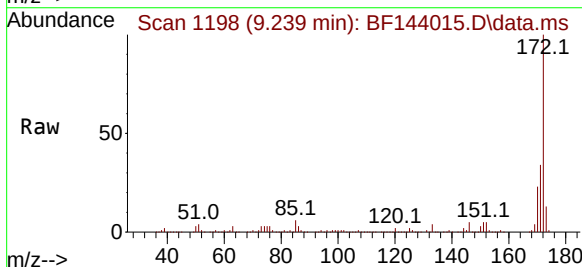
Tgt Ion:172 Resp: 495479

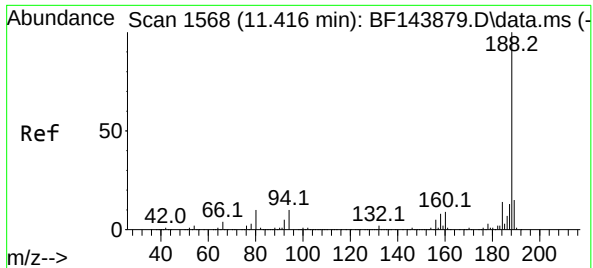
Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 23.3 18.6 28.0

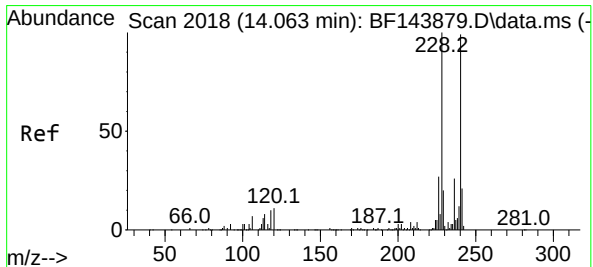
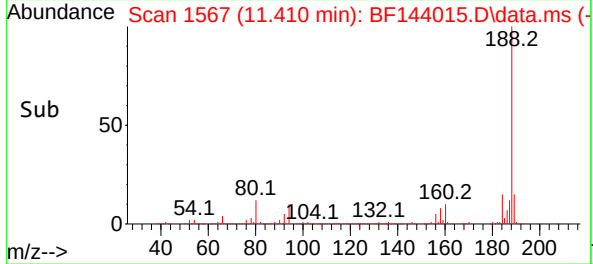
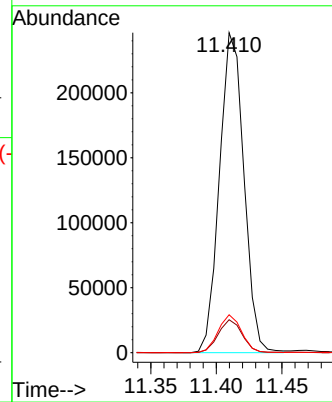
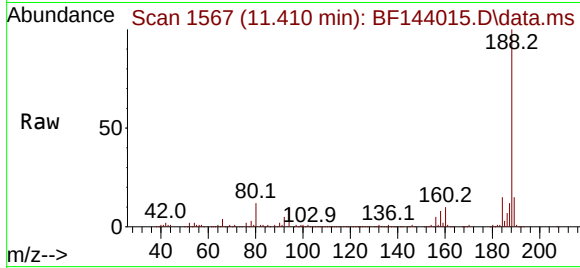




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144015.D  
Acq: 21 Oct 2025 16:32

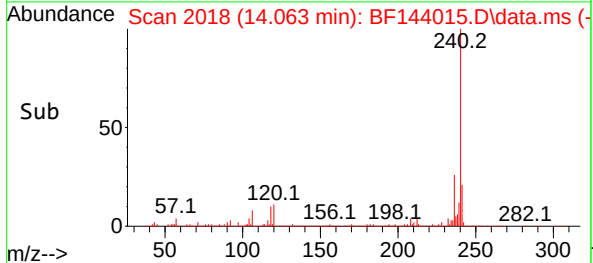
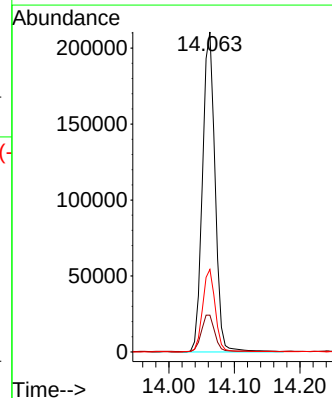
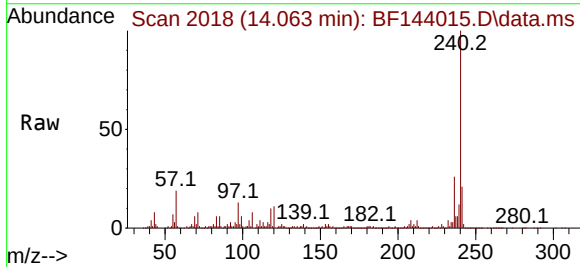
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

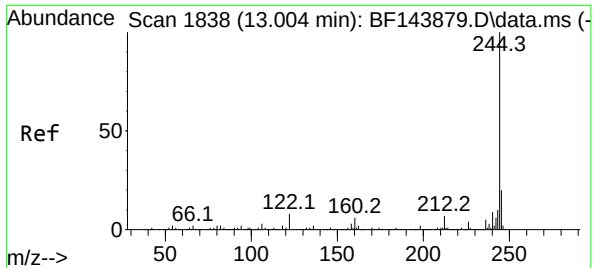
Tgt Ion:188 Resp: 318797  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.8 11.6  
80 11.8 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF144015.D  
Acq: 21 Oct 2025 16:32

Tgt Ion:240 Resp: 282059  
Ion Ratio Lower Upper  
240 100  
120 11.5 8.6 13.0  
236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 28.089 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

Instrument :

BNA\_F

ClientSampleId :

PR132-S02-074099-20251016

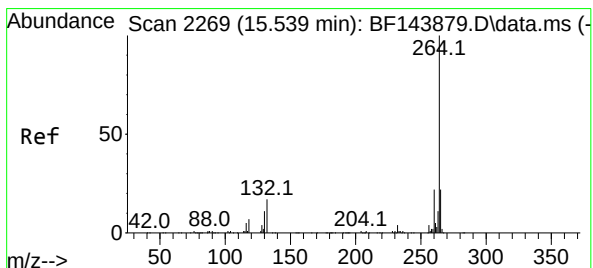
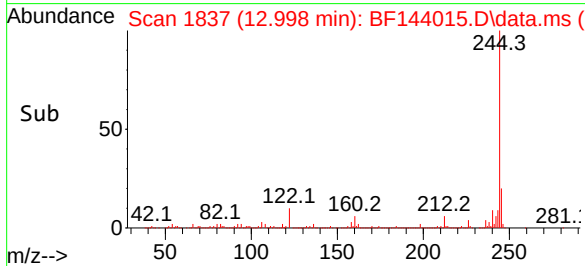
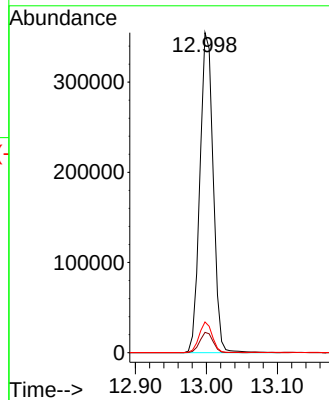
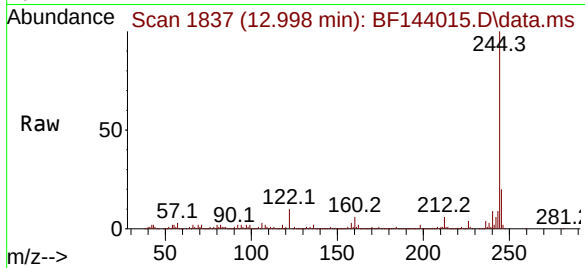
Tgt Ion:244 Resp: 463565

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.6 6.4 9.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144015.D

Acq: 21 Oct 2025 16:32

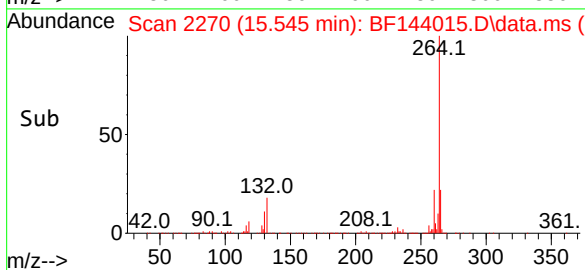
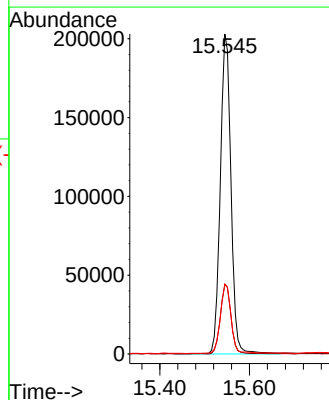
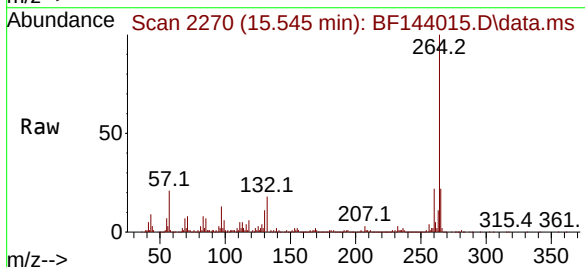
Tgt Ion:264 Resp: 335097

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

265 21.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144015.D  
 Acq On : 21 Oct 2025 16:32  
 Operator : RC/JU  
 Sample : Q3375-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-S02-074099-20251016

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

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

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144015.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.093       | 490           | 493         | 504          | rVB      | 17622          | 27720         | 1.68%           | 0.214%        |
| 2         | 5.498       | 556           | 562         | 575          | rBV      | 1216933        | 1613835       | 98.04%          | 12.466%       |
| 3         | 6.504       | 727           | 733         | 752          | rBV      | 1227537        | 1646119       | 100.00%         | 12.715%       |
| 4         | 6.881       | 792           | 797         | 802          | rBV      | 560972         | 681607        | 41.41%          | 5.265%        |
| 5         | 7.439       | 886           | 892         | 902          | rBV      | 706729         | 903129        | 54.86%          | 6.976%        |
| 6         | 8.163       | 1010          | 1015        | 1029         | rVB      | 654424         | 833074        | 50.61%          | 6.435%        |
| 7         | 8.381       | 1047          | 1052        | 1062         | rBV2     | 12132          | 21172         | 1.29%           | 0.164%        |
| 8         | 9.239       | 1192          | 1198        | 1208         | rBV      | 1038740        | 1348300       | 81.91%          | 10.415%       |
| 9         | 9.922       | 1308          | 1314        | 1327         | rVB      | 679805         | 855144        | 51.95%          | 6.605%        |
| 10        | 10.633      | 1430          | 1435        | 1443         | rBV      | 193994         | 246929        | 15.00%          | 1.907%        |
| 11        | 10.710      | 1443          | 1448        | 1460         | rBV      | 648369         | 863969        | 52.49%          | 6.674%        |
| 12        | 10.945      | 1484          | 1488        | 1493         | rVB      | 40234          | 50376         | 3.06%           | 0.389%        |
| 13        | 11.410      | 1562          | 1567        | 1577         | rBV      | 606221         | 819586        | 49.79%          | 6.331%        |
| 14        | 11.933      | 1652          | 1656        | 1664         | rBV      | 122843         | 204709        | 12.44%          | 1.581%        |
| 15        | 12.627      | 1771          | 1774        | 1780         | rBV      | 30032          | 51464         | 3.13%           | 0.398%        |
| 16        | 12.998      | 1832          | 1837        | 1843         | rBV      | 882871         | 1145922       | 69.61%          | 8.851%        |
| 17        | 14.063      | 2013          | 2018        | 2032         | rVB      | 582710         | 936128        | 56.87%          | 7.231%        |
| 18        | 15.545      | 2266          | 2270        | 2278         | rBV      | 437511         | 697013        | 42.34%          | 5.384%        |

Sum of corrected areas: 12946196

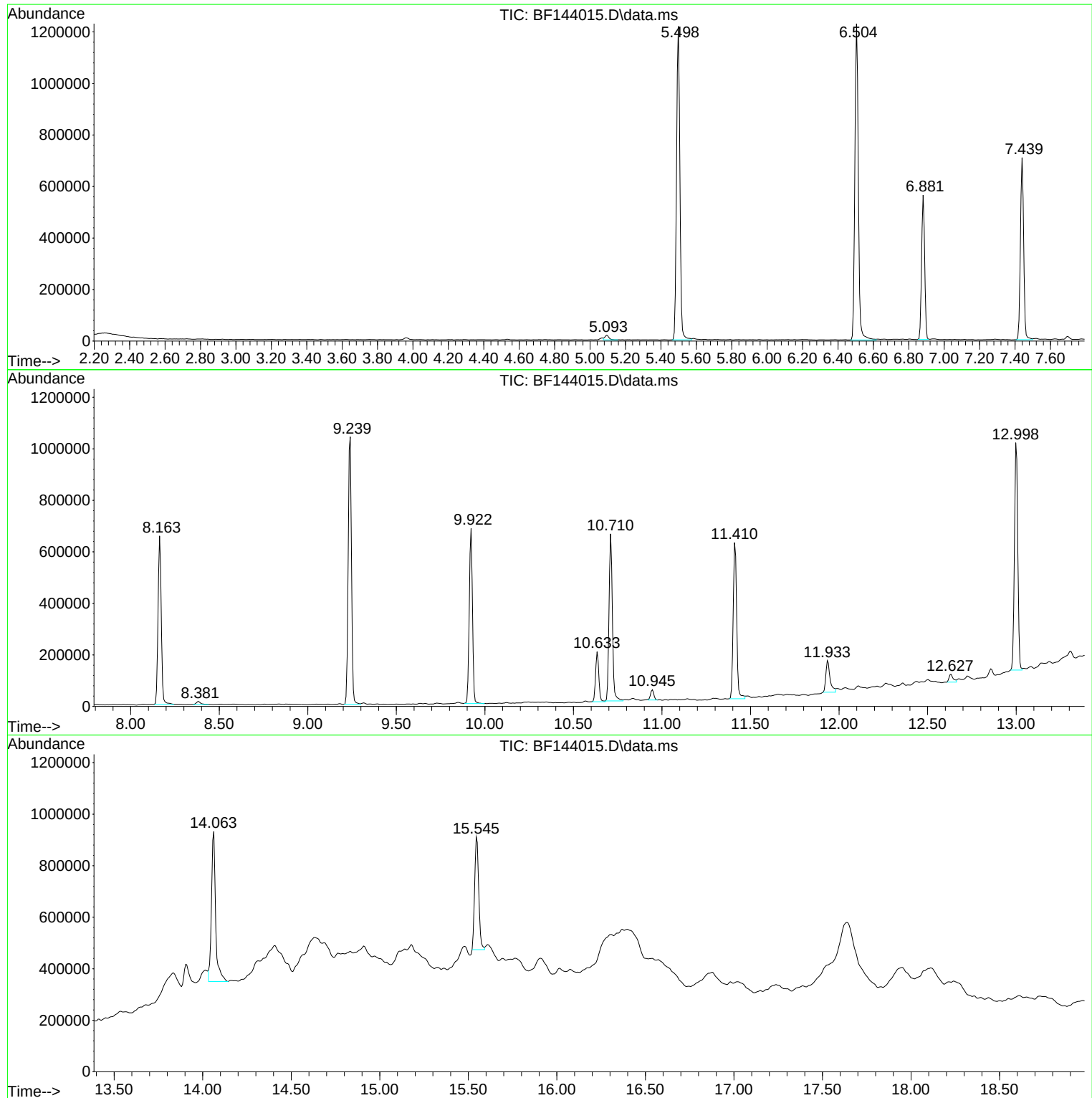


Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144015.D  
Acq On : 21 Oct 2025 16:32  
Operator : RC/JU  
Sample : Q3375-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144015.D  
Acq On : 21 Oct 2025 16:32  
Operator : RC/JU  
Sample : Q3375-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

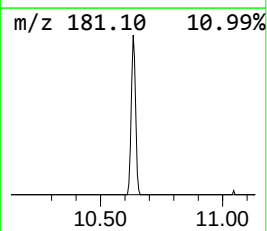
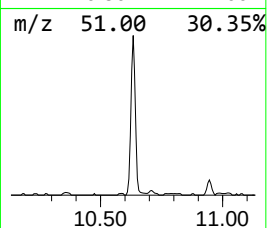
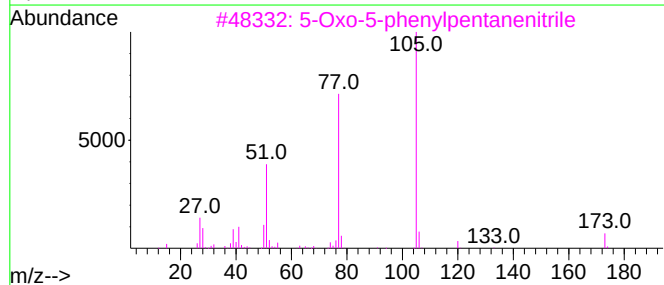
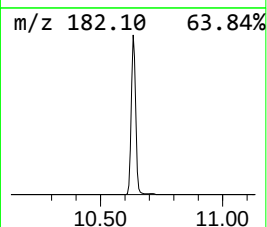
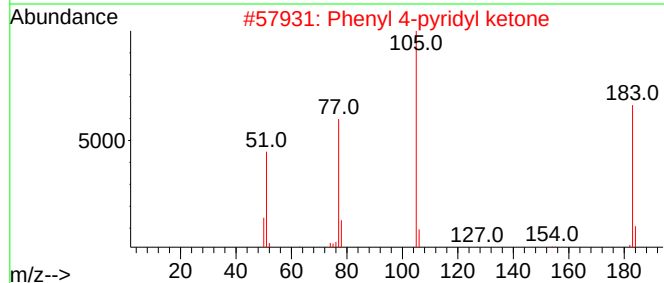
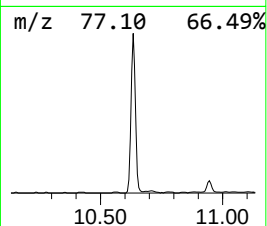
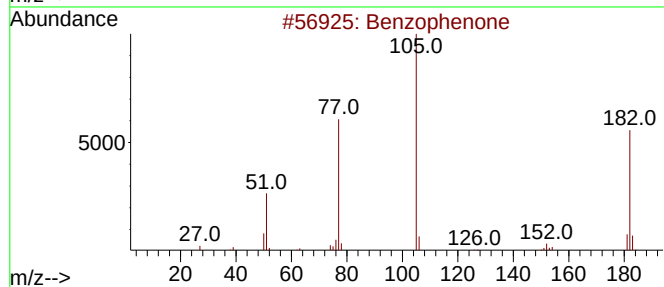
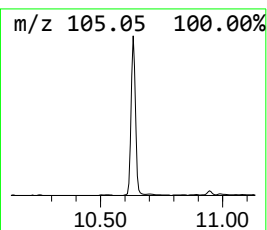
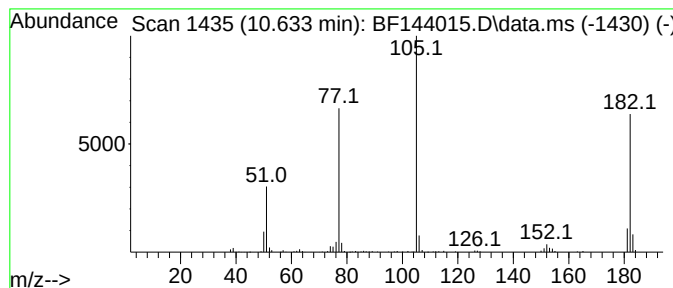
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.633 | 5.78 ng | 246929 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                   | 182 | C13H10O  | 000119-61-9  | 96   |
| 2    |    |   | Phenyl 4-pyridyl ketone        | 183 | C12H9NO  | 014548-46-0  | 58   |
| 3    |    |   | 5-Oxo-5-phenylpentanenitrile   | 173 | C11H11NO | 1000486-83-7 | 47   |
| 4    |    |   | Benzoic acid, phenyl ester     | 198 | C13H10O2 | 000093-99-2  | 47   |
| 5    |    |   | Benzoic acid, 2-propenyl ester | 162 | C10H10O2 | 000583-04-0  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144015.D  
Acq On : 21 Oct 2025 16:32  
Operator : RC/JU  
Sample : Q3375-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

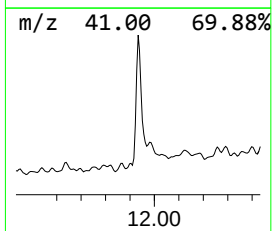
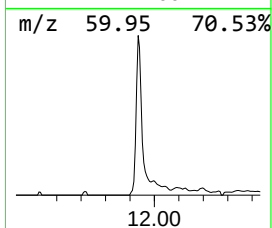
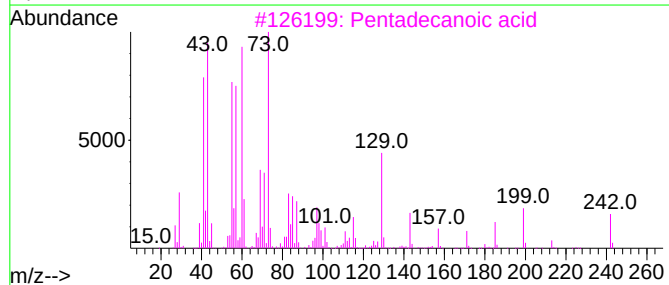
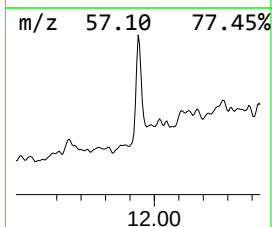
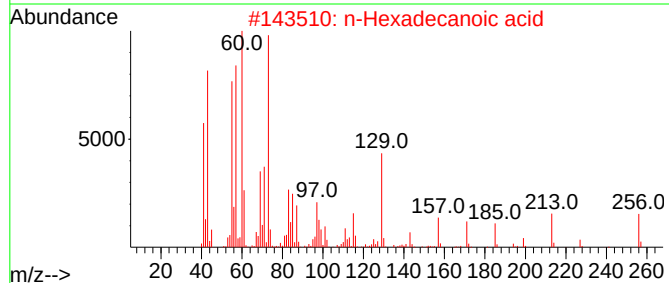
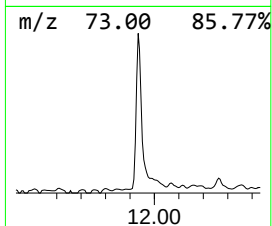
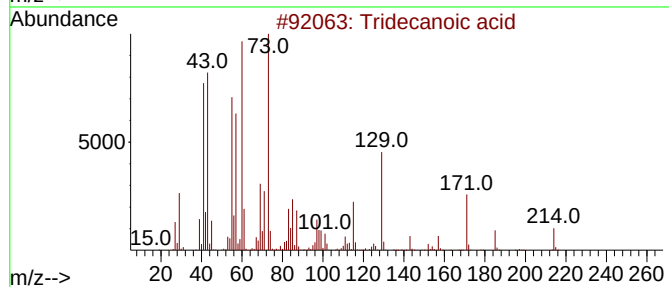
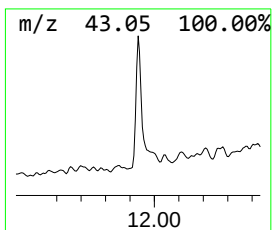
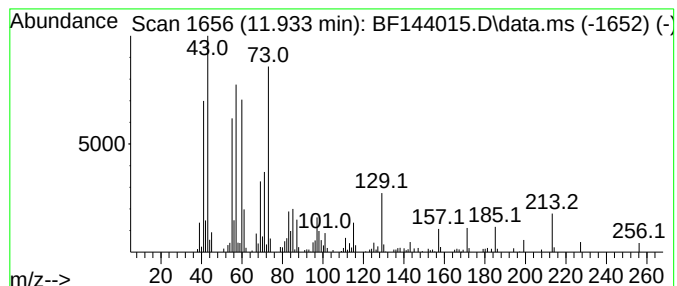
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Tridecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.933 | 5.00 ng | 204709 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 58   |
| 5    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144015.D  
Acq On : 21 Oct 2025 16:32  
Operator : RC/JU  
Sample : Q3375-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone     | 10.633 | 5.8     | ng    | 246929   | 3                     | 9.922  | 855144 | 20.0 |
| Tridecanoic acid | 11.933 | 5.0     | ng    | 204709   | 4                     | 11.410 | 819586 | 20.0 |

## Report of Analysis

Client: AECOM  
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
 Client Sample ID: PR132-S04-000013-20251016  
 Lab Sample ID: Q3375-02  
 Analytical Method: 8270E Level: LOW  
 Sample Wt/Vol: 30.07 g Final Vol: 1000 uL  
 Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
 Date Received: 10/16/25  
 SDG No.: Q3375  
 Matrix: SOIL  
 % Solid: 74.7  
 Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 440   | U    | 1  | 210  | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 108-95-2       | Phenol                      | 230   | U    | 1  | 29.5 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 230   | U    | 1  | 32.5 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 230   | U    | 1  | 32.6 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 230   | U    | 1  | 39.9 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 230   | U    | 1  | 50.1 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 98-86-2        | Acetophenone                | 230   | U    | 1  | 39.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 440   | U    | 1  | 54.9 | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 110   | U    | 1  | 63.3 | 110        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 67-72-1        | Hexachloroethane            | 230   | U    | 1  | 23.5 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 98-95-3        | Nitrobenzene                | 230   | U    | 1  | 24.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 78-59-1        | Isophorone                  | 230   | U    | 1  | 43.8 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 230   | U    | 1  | 77.7 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 230   | U    | 1  | 86.5 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 230   | U    | 1  | 41.1 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 230   | U    | 1  | 37.8 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 91-20-3        | Naphthalene                 | 230   | U    | 1  | 30.3 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 230   | U    | 1  | 47.3 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 230   | U    | 1  | 33.8 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 105-60-2       | Caprolactam                 | 440   | U    | 1  | 69.6 | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 230   | U    | 1  | 38.3 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 230   | U    | 1  | 34.2 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 440   | U    | 1  | 150  | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 230   | U    | 1  | 26.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 230   | U    | 1  | 38.9 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 230   | U    | 1  | 29.1 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 230   | U    | 1  | 30.1 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 230   | U    | 1  | 64.2 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 230   | U    | 1  | 36.2 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 208-96-8       | Acenaphthylene              | 230   | U    | 1  | 38.6 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 230   | U    | 1  | 44.9 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 230   | U    | 1  | 61.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 83-32-9        | Acenaphthene                | 230   | U    | 1  | 28.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 440   | U    | 1  | 310  | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 440   | U    | 1  | 140  | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 132-64-9       | Dibenzofuran                | 230   | U    | 1  | 30.3 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 230   | U    | 1  | 66.9 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 84-66-2        | Diethylphthalate            | 230   | U    | 1  | 37.8 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 230   | U    | 1  | 35.7 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 86-73-7        | Fluorene                    | 230   | U    | 1  | 33.8 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 230   | U    | 1  | 85.7 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 440   | U    | 1  | 140  | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR132-S04-000013-20251016  
Lab Sample ID: Q3375-02  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.07 g Final Vol: 1000 uL  
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
Date Received: 10/16/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 74.7  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 230   | U    | 1  | 43.9 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 230   | U    | 1  | 37.1 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 230   | U    | 1  | 33.8 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 1912-24-9  | Atrazine                   | 230   | U    | 1  | 45.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 440   | U    | 1  | 68.5 | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 85-01-8    | Phenanthrene               | 230   | U    | 1  | 27.9 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 120-12-7   | Anthracene                 | 230   | U    | 1  | 44.5 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 86-74-8    | Carbazole                  | 230   | U    | 1  | 41.7 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 230   | U    | 1  | 64.0 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 206-44-0   | Fluoranthene               | 230   | U    | 1  | 40.1 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 129-00-0   | Pyrene                     | 230   | U    | 1  | 48.1 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 230   | U    | 1  | 95.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 440   | U    | 1  | 49.0 | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 230   | U    | 1  | 30.7 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 218-01-9   | Chrysene                   | 230   | U    | 1  | 26.6 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 230   | U    | 1  | 79.1 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 440   | U    | 1  | 120  | 440        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 230   | U    | 1  | 25.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 230   | U    | 1  | 29.9 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 230   | U    | 1  | 39.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 230   | U    | 1  | 38.9 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 230   | U    | 1  | 36.6 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 230   | U    | 1  | 34.3 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 230   | U    | 1  | 34.2 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 230   | U    | 1  | 60.4 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 230   | U    | 1  | 36.6 | 230        | ug/Kg | 10/21/25 17:02 | PB170165     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 87.8 |  | 18 - 112 | 59% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 85.8 |  | 15 - 107 | 57% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 61.3 |  | 18 - 107 | 61% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 61.2 |  | 20 - 109 | 61% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 79.9 |  | 10 - 116 | 53% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 44.1 |  | 10 - 105 | 44% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 117000 |
| 1146-65-2  | Naphthalene-d8         | 420000 |
| 15067-26-2 | Acenaphthene-d10       | 202000 |
| 1517-22-2  | Phenanthrene-d10       | 309000 |
| 1719-03-5  | Chrysene-d12           | 254000 |
| 1520-96-3  | Perylene-d12           | 319000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                     |     |   |      |       |
|-------------|---------------------|-----|---|------|-------|
| 000119-61-9 | Benzophenone        | 390 | J | 10.6 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 250 | J | 11.9 | ug/Kg |

**Report of Analysis**

|                    |                                                  |                 |                  |
|--------------------|--------------------------------------------------|-----------------|------------------|
| Client:            | AECOM                                            | Date Collected: | 10/16/25         |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received:  | 10/16/25         |
| Client Sample ID:  | PR132-S04-000013-20251016                        | SDG No.:        | Q3375            |
| Lab Sample ID:     | Q3375-02                                         | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | % Solid:        | 74.7             |
| Sample Wt/Vol:     | 30.07 g                                          | Final Vol:      | 1000 uL          |
| Prep Method :      | SW3541                                           | Test:           | SVOC-TCL BNA -20 |
|                    |                                                  | Prep Date:      | 10/20/25         |

| CAS Number  | Parameter                          | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|-------------|------------------------------------|-------|------|----|-----|------------|-------|-----------|--------------|
| 959218-78-1 | Pentafluoropropionic acid, heptade | 220   | J    |    |     | 13.9       | ug/Kg |           |              |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144016.D  
Acq On : 21 Oct 2025 17:02  
Operator : RC/JU  
Sample : Q3375-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

Quant Time: Oct 21 17:21:58 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 116615   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 420206   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 202155   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 308753   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 254161   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.545 | 264  | 318784   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 644522   | 87.767 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 751068   | 85.805 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 423850   | 61.282 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 160958   | 79.939 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 780028   | 61.225 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.998 | 244  | 655600   | 44.085 | ng    | -0.01    |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

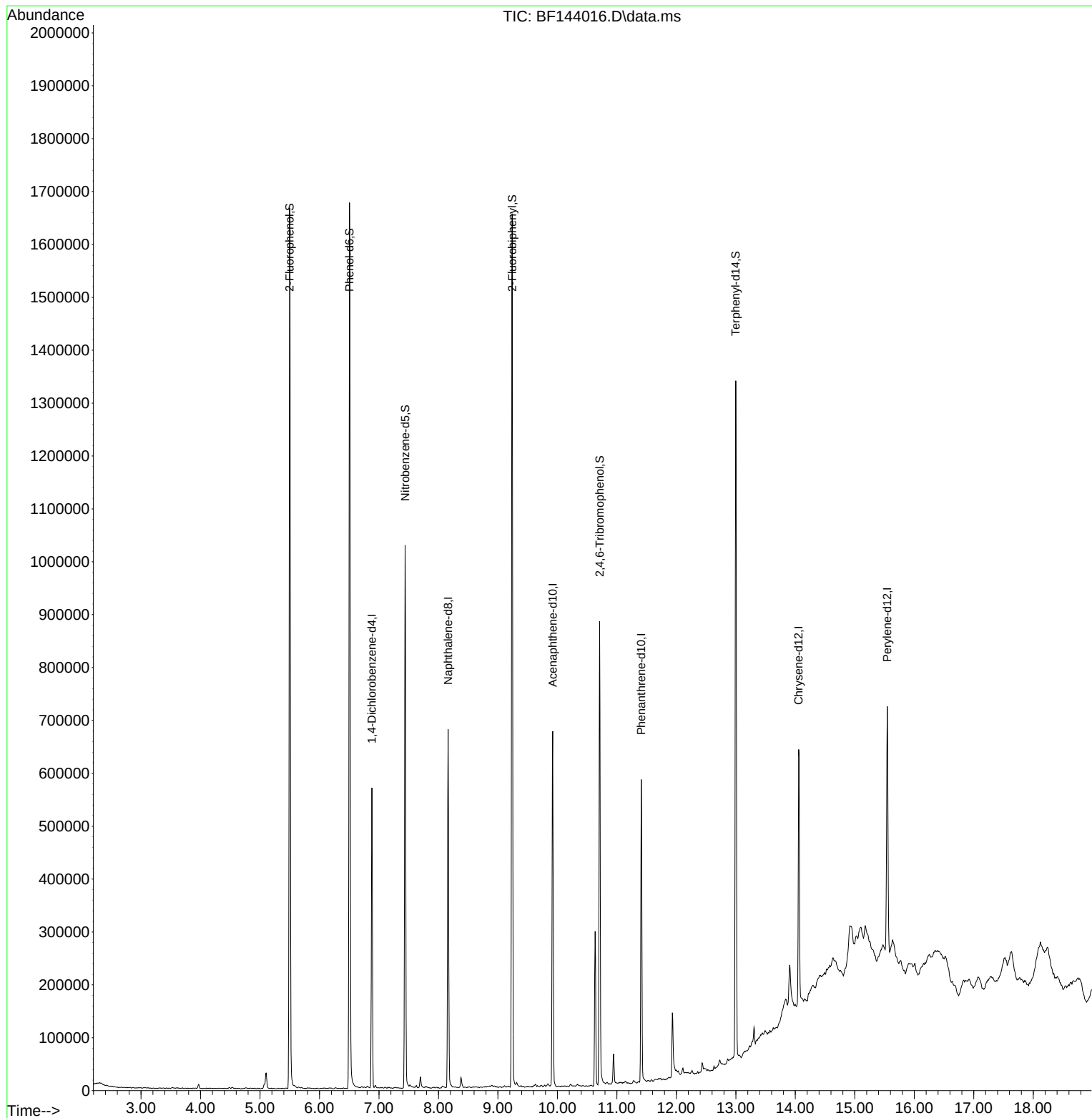
(#) = qualifier out of range (m) = manual integration (+) = signals summed

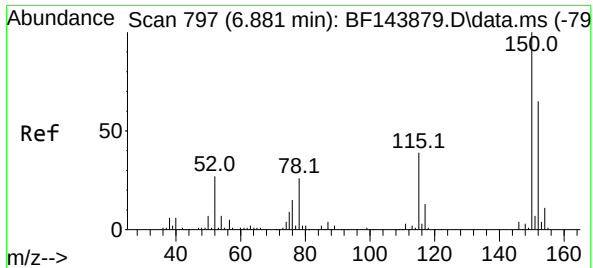


Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144016.D  
Acq On : 21 Oct 2025 17:02  
Operator : RC/JU  
Sample : Q3375-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

Quant Time: Oct 21 17:21:58 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

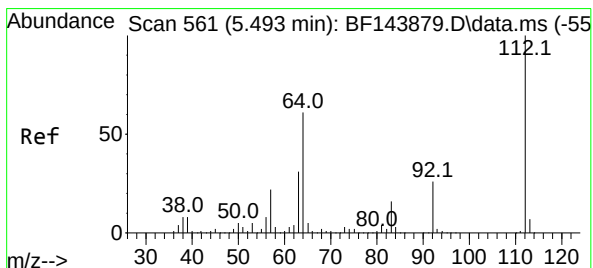
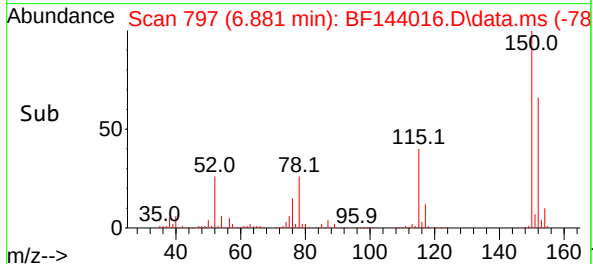
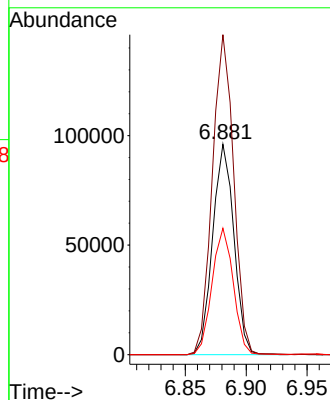
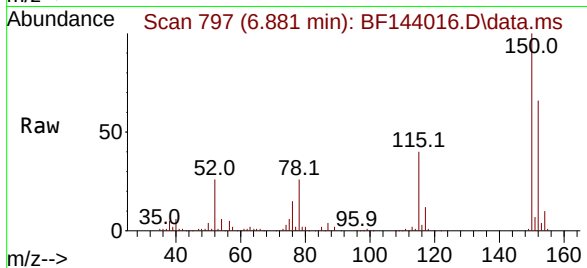




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144016.D  
Acq: 21 Oct 2025 17:02

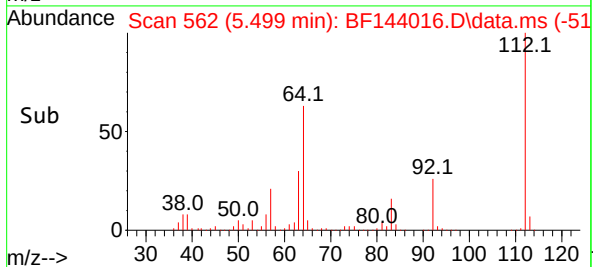
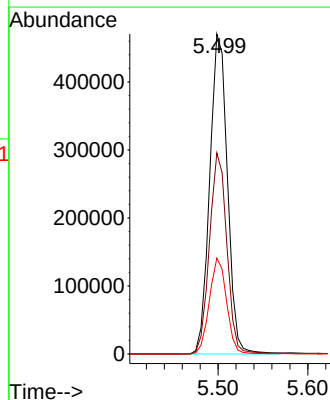
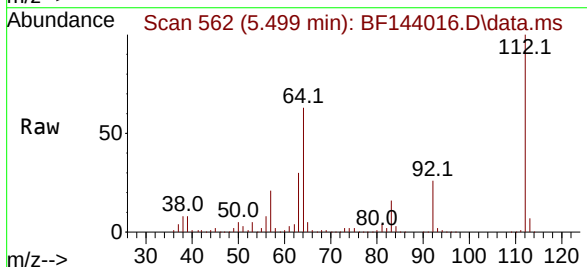
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

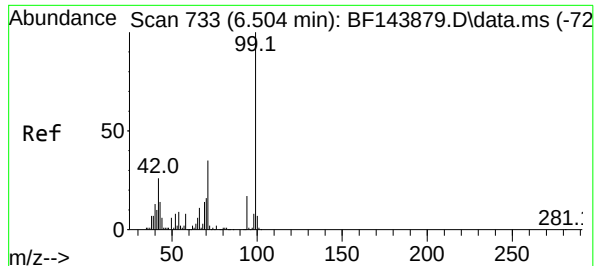
Tgt Ion:152 Resp: 116615  
Ion Ratio Lower Upper  
152 100  
150 152.1 124.4 186.6  
115 60.1 48.1 72.1



#5  
2-Fluorophenol  
Concen: 87.767 ng  
RT: 5.499 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BF144016.D  
Acq: 21 Oct 2025 17:02

Tgt Ion:112 Resp: 644522  
Ion Ratio Lower Upper  
112 100  
64 62.9 49.1 73.7  
63 29.9 24.5 36.7

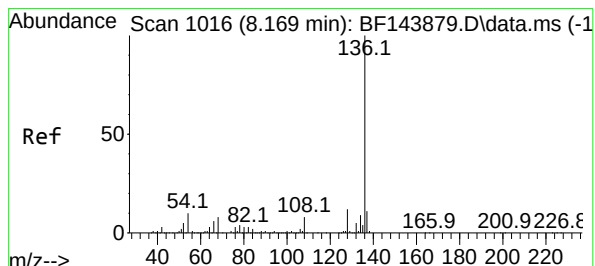
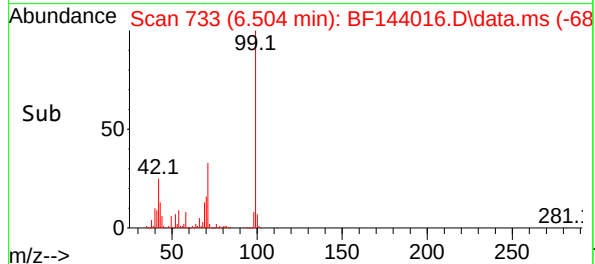
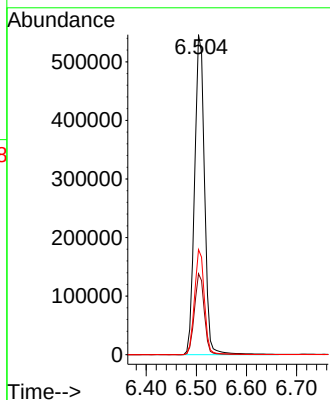
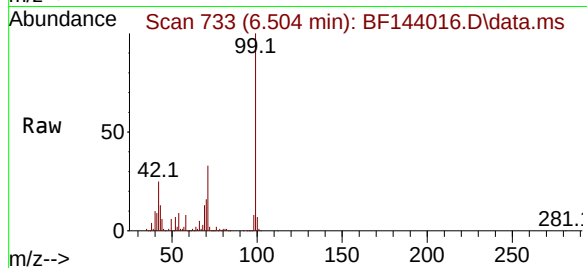




#7  
Phenol-d6  
Concen: 85.805 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF144016.D  
Acq: 21 Oct 2025 17:02

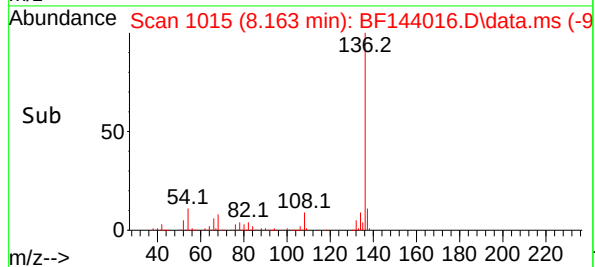
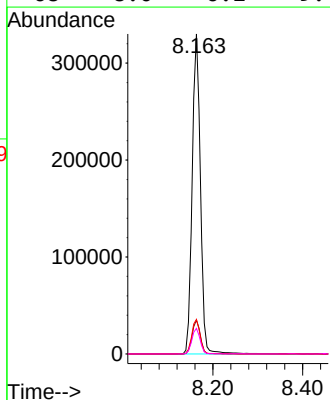
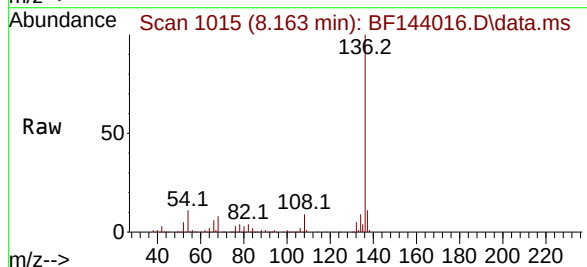
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

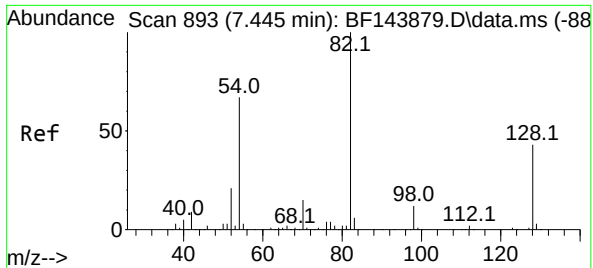
| Tgt Ion: | 99    | Resp: | 751068 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 25.3  | 21.0  | 31.4   |
| 71       | 32.8  | 27.8  | 41.8   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF144016.D  
Acq: 21 Oct 2025 17:02

| Tgt Ion: | 136   | Resp: | 420206 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.5   | 12.7   |
| 54       | 10.8  | 8.2   | 12.4   |
| 68       | 8.0   | 6.2   | 9.4    |





#23

Nitrobenzene-d5

Concen: 61.282 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF144016.D

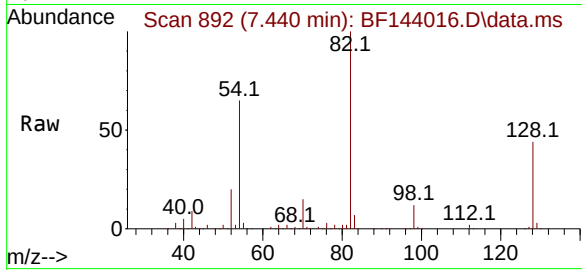
Acq: 21 Oct 2025 17:02

Instrument :

BNA\_F

ClientSampleId :

PR132-S04-000013-20251016



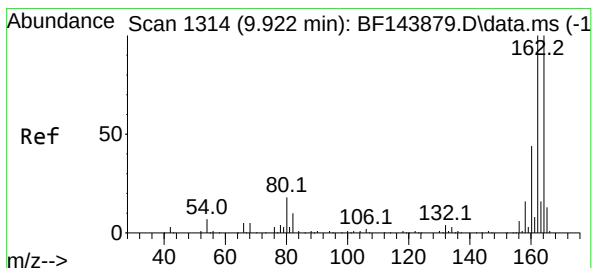
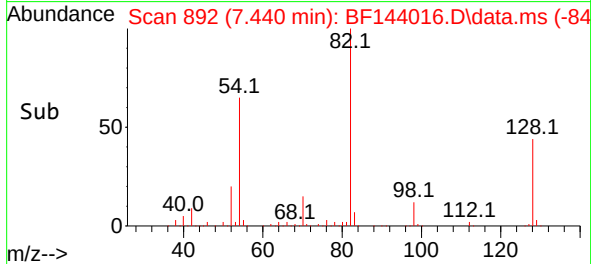
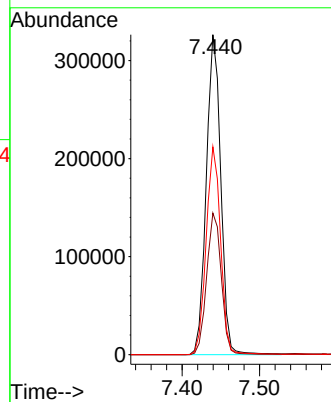
Tgt Ion: 82 Resp: 423850

Ion Ratio Lower Upper

82 100

128 44.2 34.0 51.0

54 65.0 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

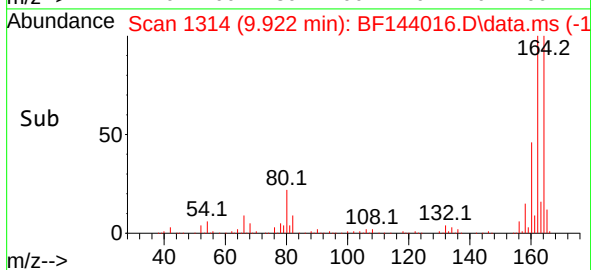
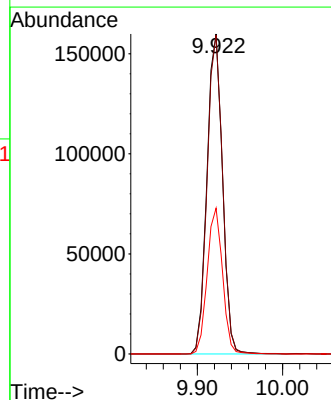
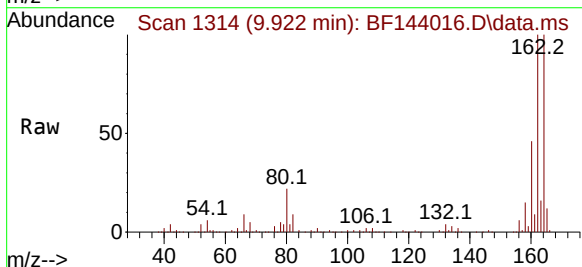
Tgt Ion:164 Resp: 202155

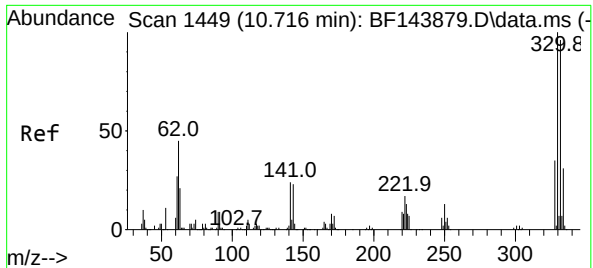
Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

160 45.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 79.939 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Instrument :

BNA\_F

ClientSampleId :

PR132-S04-000013-20251016

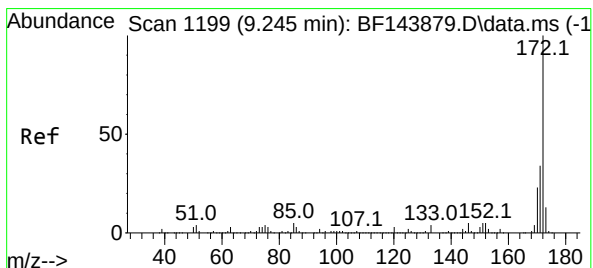
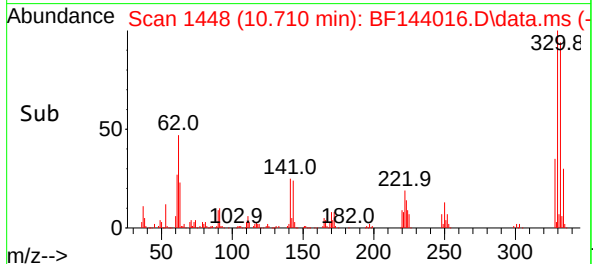
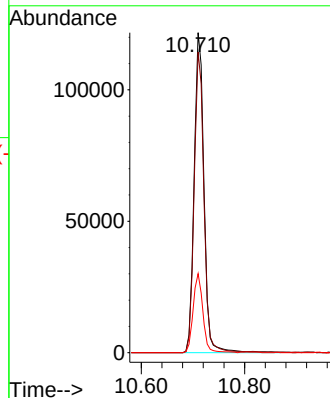
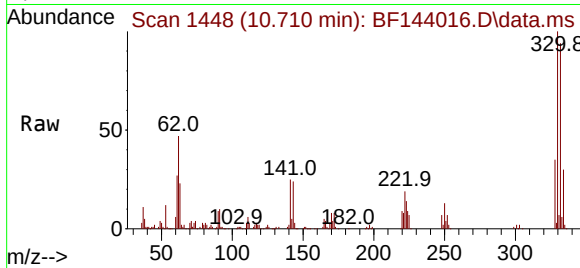
Tgt Ion:330 Resp: 160958

Ion Ratio Lower Upper

330 100

332 93.0 76.9 115.3

141 24.4 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 61.225 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

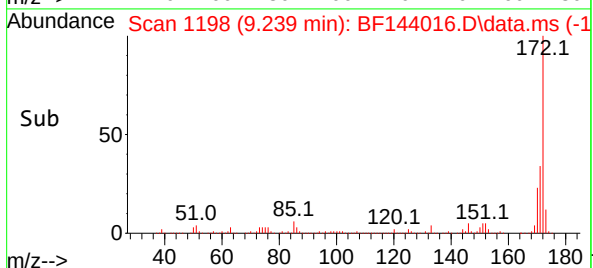
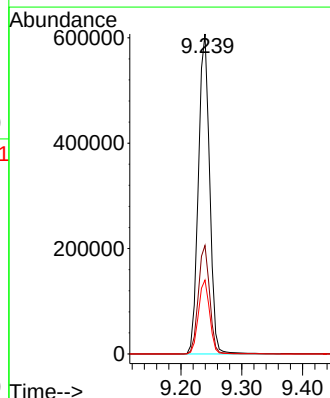
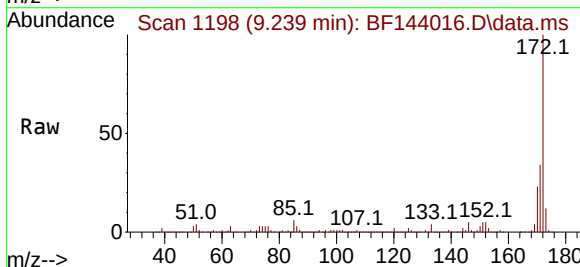
Tgt Ion:172 Resp: 780028

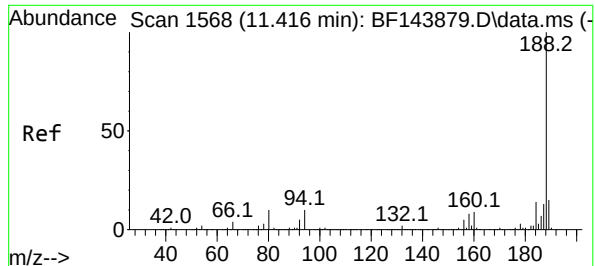
Ion Ratio Lower Upper

172 100

171 33.9 27.4 41.0

170 23.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Instrument :

BNA\_F

ClientSampleId :

PR132-S04-000013-20251016

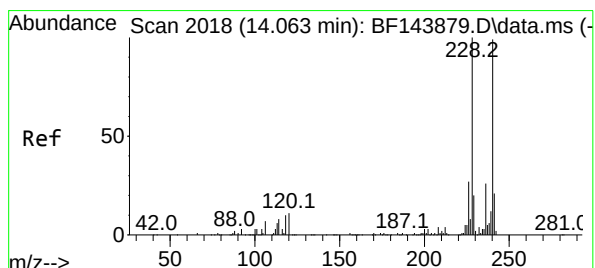
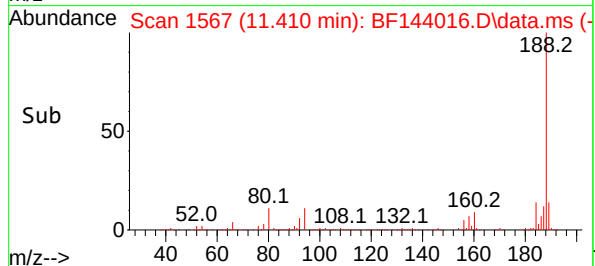
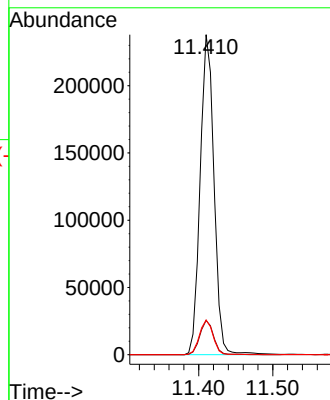
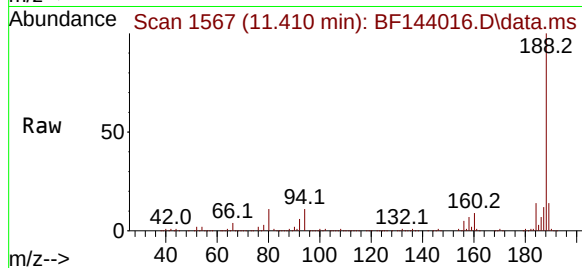
Tgt Ion:188 Resp: 308753

Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 10.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

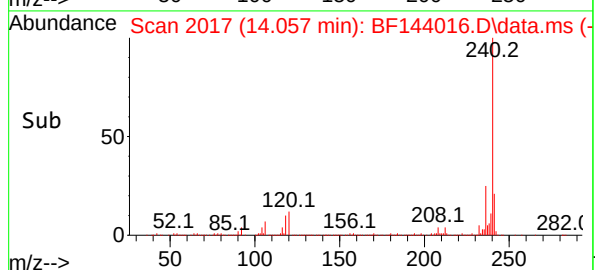
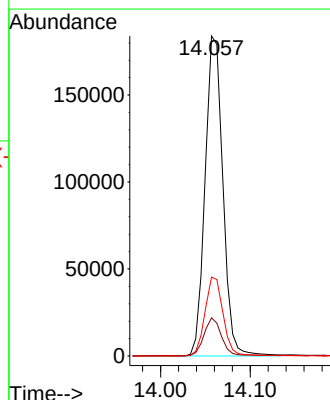
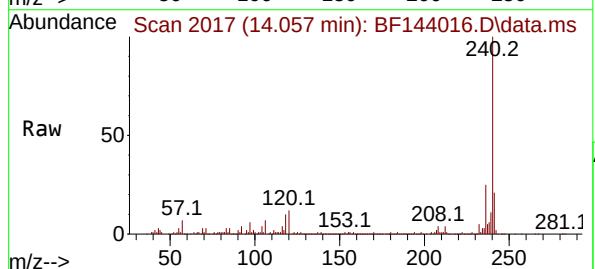
Tgt Ion:240 Resp: 254161

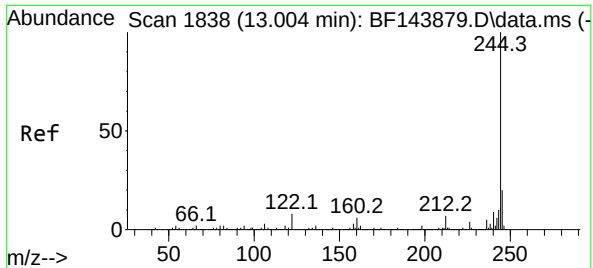
Ion Ratio Lower Upper

240 100

120 11.9 8.6 13.0

236 24.7 21.1 31.7





#79

Terphenyl-d14

Concen: 44.085 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

Instrument :

BNA\_F

ClientSampleId :

PR132-S04-000013-20251016

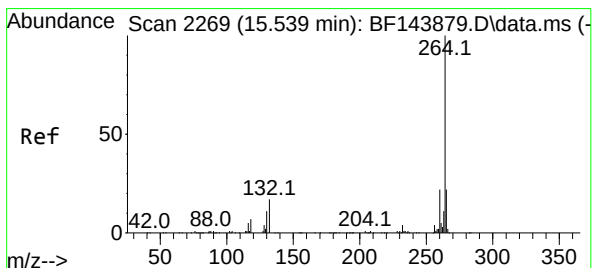
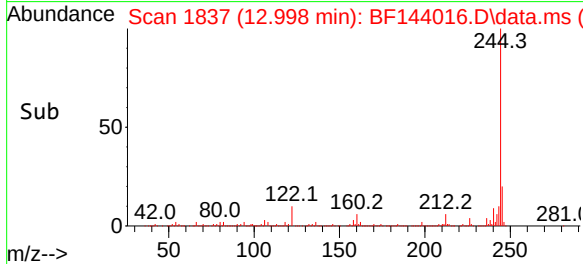
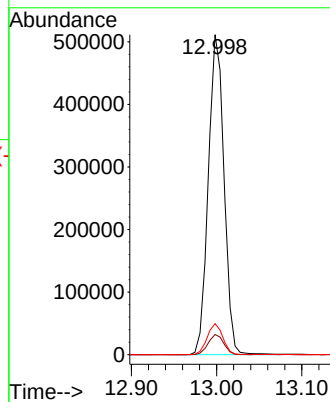
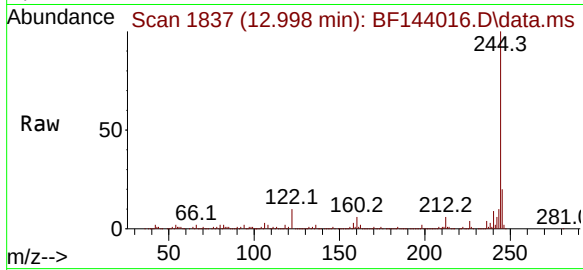
Tgt Ion:244 Resp: 655600

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 9.7 6.4 9.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144016.D

Acq: 21 Oct 2025 17:02

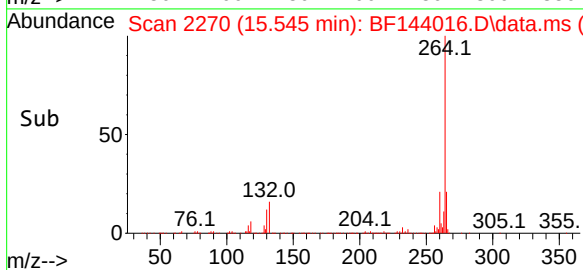
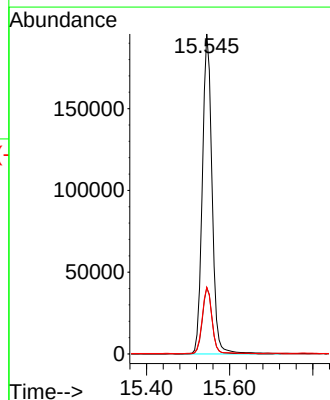
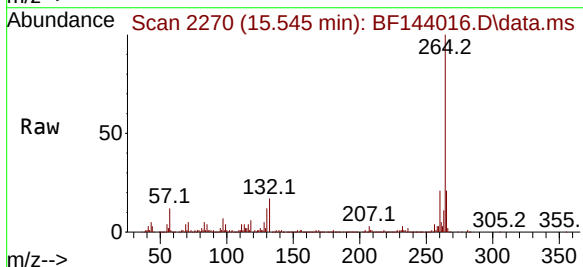
Tgt Ion:264 Resp: 318784

Ion Ratio Lower Upper

264 100

260 20.7 17.8 26.8

265 20.8 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144016.D  
Acq On : 21 Oct 2025 17:02  
Operator : RC/JU  
Sample : Q3375-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144016.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.104       | 490           | 495         | 503          | rVB      | 28982          | 49342         | 2.12%           | 0.302%        |
| 2         | 5.499       | 556           | 562         | 574          | rBV      | 1664987        | 2250648       | 96.81%          | 13.753%       |
| 3         | 6.504       | 727           | 733         | 755          | rBV      | 1674607        | 2324734       | 100.00%         | 14.205%       |
| 4         | 6.881       | 792           | 797         | 802          | rBV      | 567448         | 688712        | 29.63%          | 4.208%        |
| 5         | 7.440       | 886           | 892         | 903          | rBV      | 1026548        | 1337715       | 57.54%          | 8.174%        |
| 6         | 7.698       | 928           | 936         | 948          | rBV      | 20589          | 34779         | 1.50%           | 0.213%        |
| 7         | 8.163       | 1010          | 1015        | 1027         | rBV      | 676971         | 857206        | 36.87%          | 5.238%        |
| 8         | 8.381       | 1046          | 1052        | 1059         | rBV      | 18641          | 28590         | 1.23%           | 0.175%        |
| 9         | 9.239       | 1192          | 1198        | 1208         | rBV      | 1651570        | 2130573       | 91.65%          | 13.019%       |
| 10        | 9.922       | 1308          | 1314        | 1325         | rVB      | 671906         | 857966        | 36.91%          | 5.243%        |
| 11        | 10.634      | 1430          | 1435        | 1443         | rBV      | 292997         | 371645        | 15.99%          | 2.271%        |
| 12        | 10.710      | 1443          | 1448        | 1465         | rVV      | 876678         | 1156574       | 49.75%          | 7.067%        |
| 13        | 10.945      | 1481          | 1488        | 1493         | rBV      | 56901          | 78163         | 3.36%           | 0.478%        |
| 14        | 11.410      | 1562          | 1567        | 1582         | rBV      | 572547         | 753761        | 32.42%          | 4.606%        |
| 15        | 11.933      | 1652          | 1656        | 1665         | rBV      | 121973         | 210145        | 9.04%           | 1.284%        |
| 16        | 12.998      | 1832          | 1837        | 1845         | rVB      | 1276048        | 1621151       | 69.73%          | 9.906%        |
| 17        | 13.304      | 1887          | 1889        | 1893         | rVB3     | 30668          | 33881         | 1.46%           | 0.207%        |
| 18        | 13.904      | 1988          | 1991        | 2004         | rVB2     | 77460          | 167985        | 7.23%           | 1.026%        |
| 19        | 14.057      | 2013          | 2017        | 2031         | rBV      | 479087         | 683442        | 29.40%          | 4.176%        |
| 20        | 15.545      | 2265          | 2270        | 2277         | rVB      | 464713         | 728262        | 31.33%          | 4.450%        |

Sum of corrected areas: 16365274

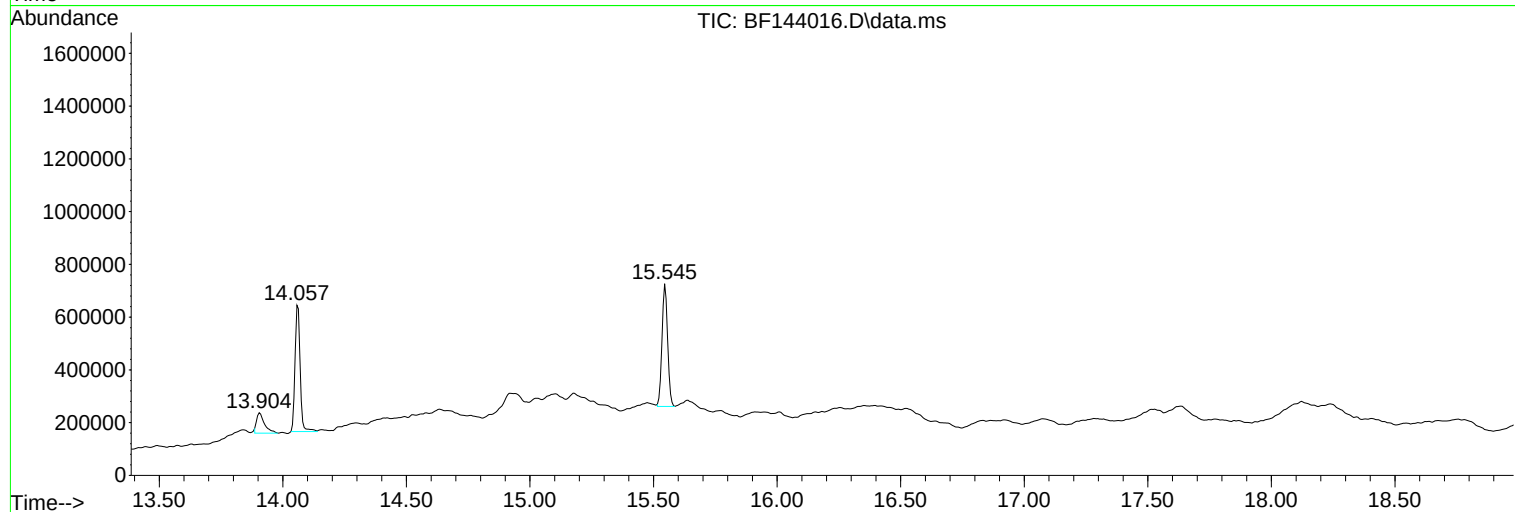
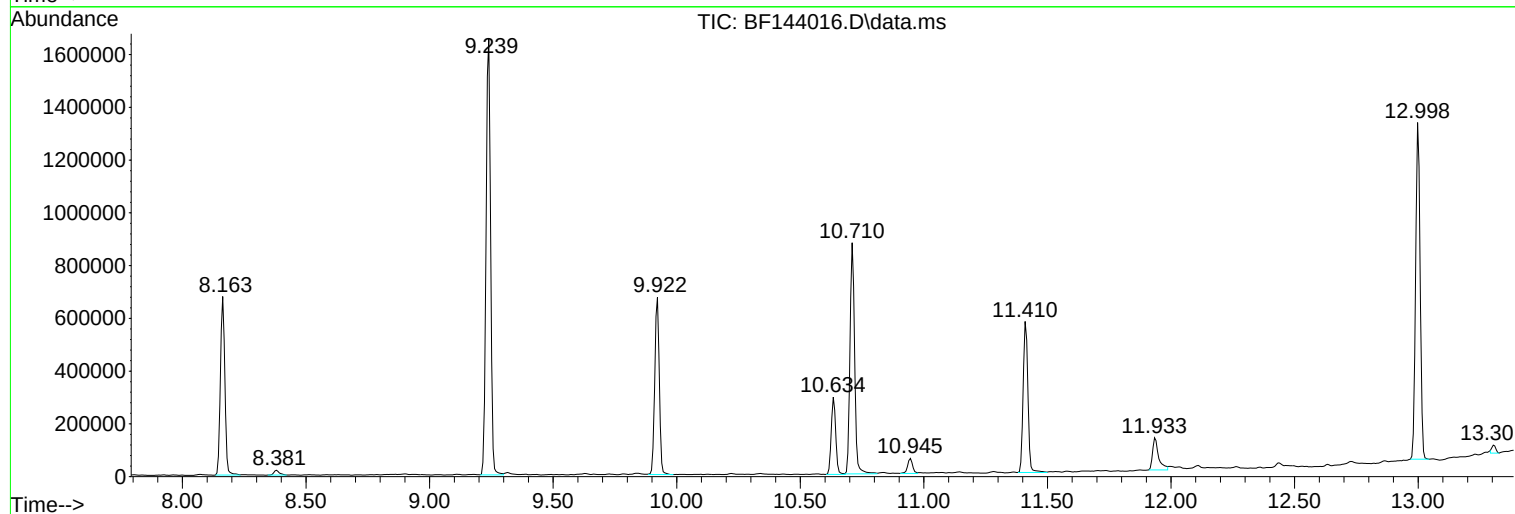
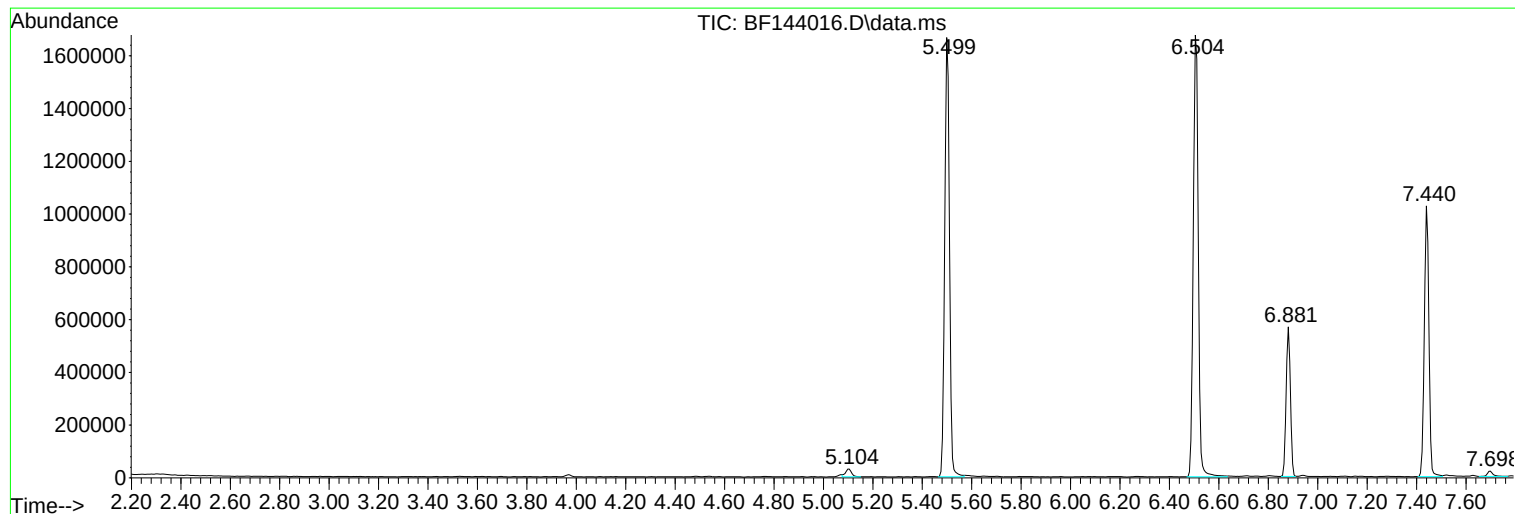


Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144016.D  
Acq On : 21 Oct 2025 17:02  
Operator : RC/JU  
Sample : Q3375-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144016.D  
Acq On : 21 Oct 2025 17:02  
Operator : RC/JU  
Sample : Q3375-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

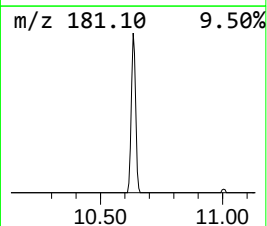
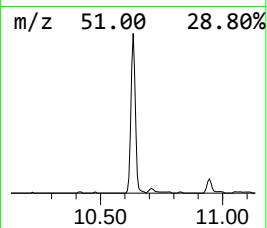
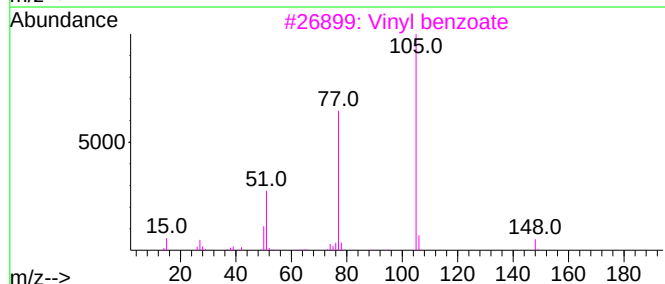
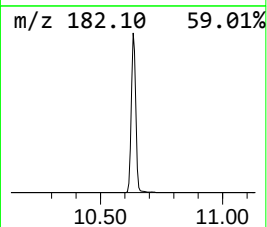
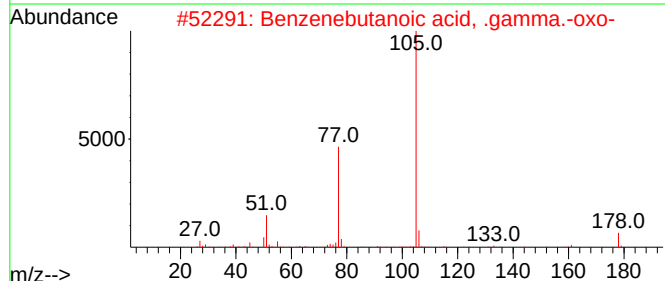
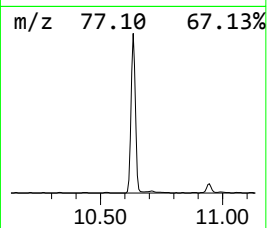
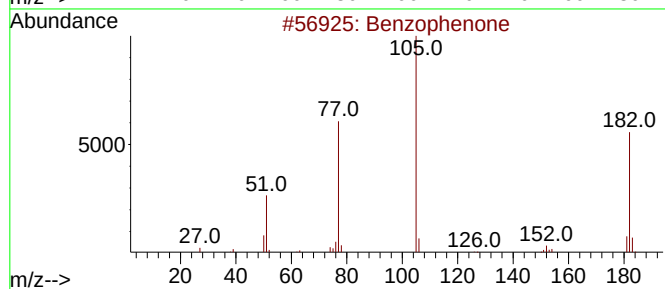
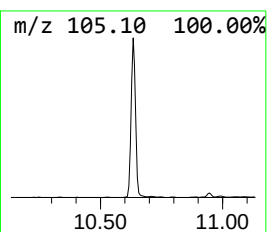
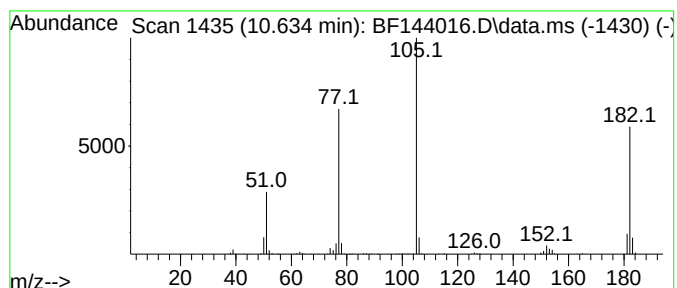
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.634 | 8.66 ng | 371645 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9  | 96   |
| 2    |    |   | Benzenebutanoic acid, .gamma.-oxo-  | 178 | C10H10O3  | 002051-95-8  | 47   |
| 3    |    |   | Vinyl benzoate                      | 148 | C9H8O2    | 000769-78-8  | 47   |
| 4    |    |   | Benzene, (trimethoxymethyl)-        | 182 | C10H14O3  | 000707-07-3  | 47   |
| 5    |    |   | Benzoic acid, pentafluorophenyl ... | 288 | C13H5F5O2 | 1000360-67-9 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144016.D  
Acq On : 21 Oct 2025 17:02  
Operator : RC/JU  
Sample : Q3375-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

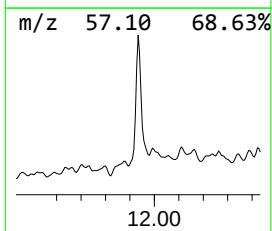
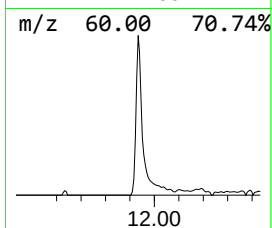
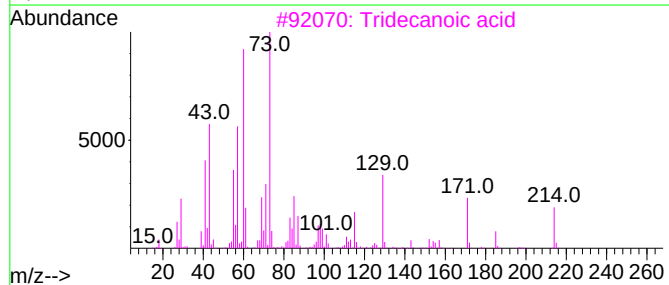
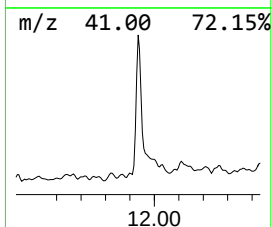
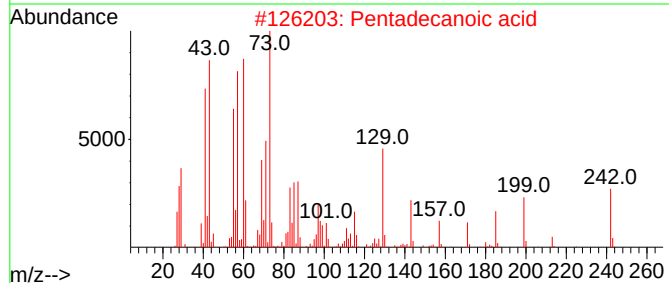
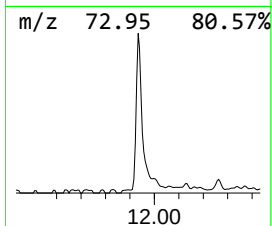
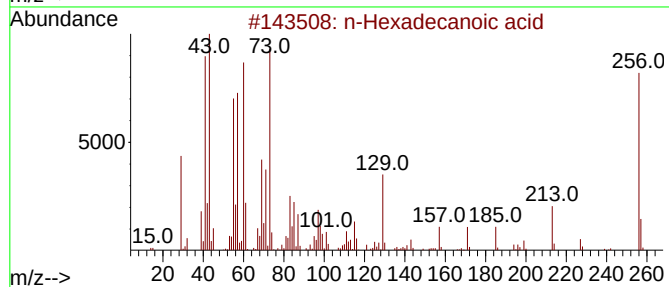
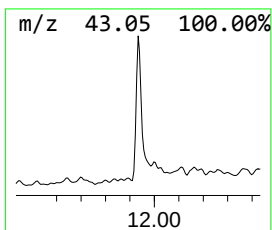
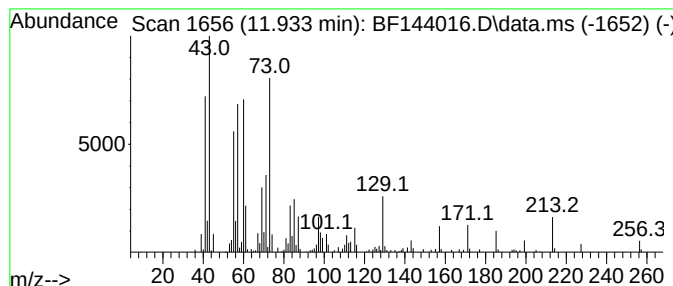
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.933 | 5.58 ng | 210145 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 83   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 81   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 59   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144016.D  
Acq On : 21 Oct 2025 17:02  
Operator : RC/JU  
Sample : Q3375-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

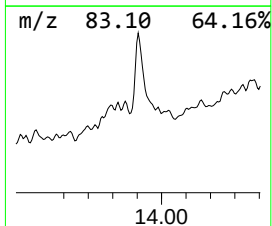
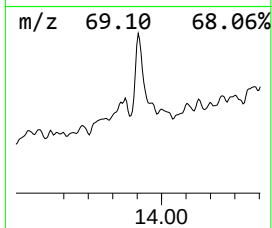
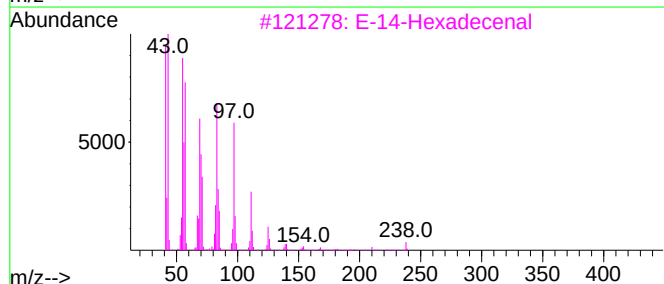
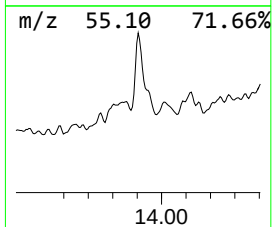
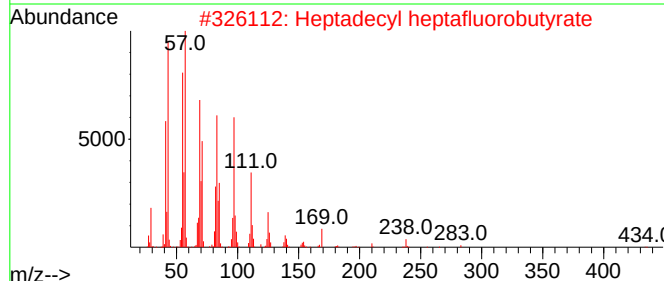
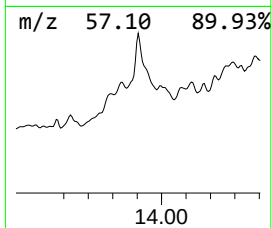
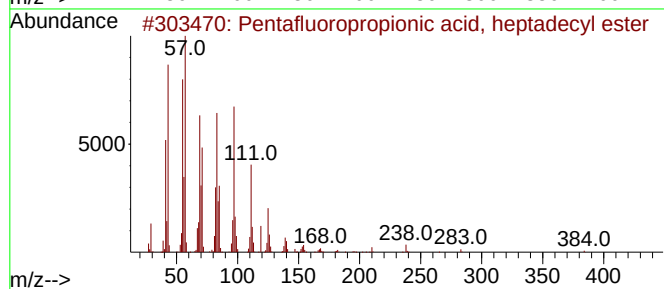
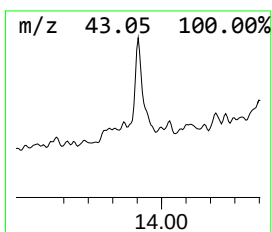
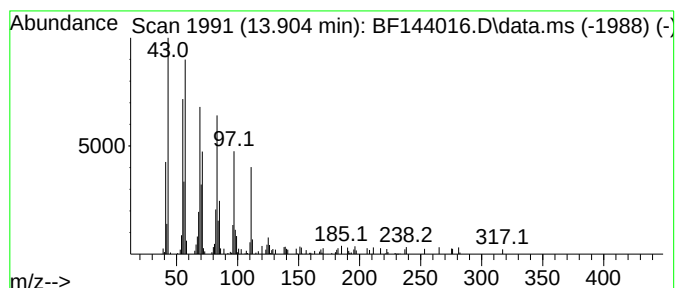
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 13.904    | 4.92 ng                             | 167985 | Chrysene-d12     | 14.057      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Pentafluoropropionic acid, hepta... | 402    | C20H35F5O2       | 959218-78-1 | 87   |
| 2         | Heptadecyl heptafluorobutyrate      | 452    | C21H35F7O2       | 959085-66-6 | 87   |
| 3         | E-14-Hexadecenal                    | 238    | C16H30O          | 330207-53-9 | 86   |
| 4         | 17-Pentatriacontene                 | 491    | C35H70           | 006971-40-0 | 83   |
| 5         | 1-Tetracosene                       | 336    | C24H48           | 010192-32-2 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144016.D  
Acq On : 21 Oct 2025 17:02  
Operator : RC/JU  
Sample : Q3375-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S04-000013-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 10.634 | 8.7     | ng    | 371645   | 3                     | 9.922  | 857966 | 20.0 |
| n-Hexadecanoic ... | 11.933 | 5.6     | ng    | 210145   | 4                     | 11.410 | 753761 | 20.0 |
| Pentafluoroprop... | 13.904 | 4.9     | ng    | 167985   | 5                     | 14.057 | 683442 | 20.0 |



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR132-S05-000057-20251016  
Lab Sample ID: Q3375-03  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL  
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
Date Received: 10/16/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 66.7  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 490   | U    | 1  | 230  | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 108-95-2       | Phenol                      | 250   | U    | 1  | 33.1 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 250   | U    | 1  | 36.4 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 250   | U    | 1  | 36.5 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 250   | U    | 1  | 44.8 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 250   | U    | 1  | 56.2 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 98-86-2        | Acetophenone                | 250   | U    | 1  | 44.2 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 490   | U    | 1  | 61.6 | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 120   | U    | 1  | 71.0 | 120        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 67-72-1        | Hexachloroethane            | 250   | U    | 1  | 26.4 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 98-95-3        | Nitrobenzene                | 250   | U    | 1  | 27.4 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 78-59-1        | Isophorone                  | 250   | U    | 1  | 49.1 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 250   | U    | 1  | 87.2 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 250   | U    | 1  | 97.1 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 250   | U    | 1  | 46.1 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 250   | U    | 1  | 42.4 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 91-20-3        | Naphthalene                 | 250   | U    | 1  | 34.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 250   | U    | 1  | 53.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 250   | U    | 1  | 37.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 105-60-2       | Caprolactam                 | 490   | U    | 1  | 78.0 | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 250   | U    | 1  | 43.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 250   | U    | 1  | 38.3 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 490   | U    | 1  | 170  | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 250   | U    | 1  | 29.7 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 250   | U    | 1  | 43.6 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 250   | U    | 1  | 32.7 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 250   | U    | 1  | 33.7 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 250   | U    | 1  | 72.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 250   | U    | 1  | 40.6 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 208-96-8       | Acenaphthylene              | 250   | U    | 1  | 43.3 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 250   | U    | 1  | 50.3 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 250   | U    | 1  | 68.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 83-32-9        | Acenaphthene                | 250   | U    | 1  | 31.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 490   | U    | 1  | 340  | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 490   | U    | 1  | 160  | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 132-64-9       | Dibenzofuran                | 250   | U    | 1  | 34.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 250   | U    | 1  | 75.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 84-66-2        | Diethylphthalate            | 250   | U    | 1  | 42.4 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 250   | U    | 1  | 40.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 86-73-7        | Fluorene                    | 250   | U    | 1  | 37.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 250   | U    | 1  | 96.2 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 490   | U    | 1  | 150  | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR132-S05-000057-20251016  
Lab Sample ID: Q3375-03  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL  
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
Date Received: 10/16/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 66.7  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 250   | U    | 1  | 49.3 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 250   | U    | 1  | 41.6 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 250   | U    | 1  | 37.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 1912-24-9  | Atrazine                   | 250   | U    | 1  | 50.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 490   | U    | 1  | 76.8 | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 85-01-8    | Phenanthrene               | 250   | U    | 1  | 31.3 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 120-12-7   | Anthracene                 | 250   | U    | 1  | 49.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 86-74-8    | Carbazole                  | 250   | U    | 1  | 46.7 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 250   | U    | 1  | 71.7 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 206-44-0   | Fluoranthene               | 250   | U    | 1  | 44.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 129-00-0   | Pyrene                     | 250   | U    | 1  | 53.9 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 250   | U    | 1  | 110  | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 490   | U    | 1  | 55.0 | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 250   | U    | 1  | 34.4 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 218-01-9   | Chrysene                   | 250   | U    | 1  | 29.8 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 250   | U    | 1  | 88.7 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 490   | U    | 1  | 130  | 490        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 250   | U    | 1  | 28.5 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 250   | U    | 1  | 33.5 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 250   | U    | 1  | 44.2 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 250   | U    | 1  | 43.6 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 250   | U    | 1  | 41.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 250   | U    | 1  | 38.5 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 250   | U    | 1  | 38.3 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 250   | U    | 1  | 67.7 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 250   | U    | 1  | 41.0 | 250        | ug/Kg | 10/21/25 17:31 | PB170165     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 59.8 |  | 18 - 112 | 40% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 57.6 |  | 15 - 107 | 38% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 40.5 |  | 18 - 107 | 40% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 36.8 |  | 20 - 109 | 37% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 47.6 |  | 10 - 116 | 32% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 23.4 |  | 10 - 105 | 23% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 112000 |
| 1146-65-2  | Naphthalene-d8         | 395000 |
| 15067-26-2 | Acenaphthene-d10       | 187000 |
| 1517-22-2  | Phenanthrene-d10       | 280000 |
| 1719-03-5  | Chrysene-d12           | 258000 |
| 1520-96-3  | Perylene-d12           | 325000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |              |     |   |      |       |
|-------------|--------------|-----|---|------|-------|
| 000119-61-9 | Benzophenone | 220 | J | 10.6 | ug/Kg |
|-------------|--------------|-----|---|------|-------|



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

## Report of Analysis

|                    |                                                  |                 |                  |
|--------------------|--------------------------------------------------|-----------------|------------------|
| Client:            | AECOM                                            | Date Collected: | 10/16/25         |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received:  | 10/16/25         |
| Client Sample ID:  | PR132-S05-000057-20251016                        | SDG No.:        | Q3375            |
| Lab Sample ID:     | Q3375-03                                         | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | % Solid:        | 66.7             |
| Sample Wt/Vol:     | 30.03 g                                          | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                                           |                 |                  |
|                    | Level : LOW                                      |                 |                  |
|                    | Final Vol: 1000 uL                               |                 |                  |
|                    | Prep Date: 10/20/25                              |                 |                  |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144017.D  
Acq On : 21 Oct 2025 17:31  
Operator : RC/JU  
Sample : Q3375-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S05-000057-20251016

Quant Time: Oct 21 17:51:35 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 111644   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 395479   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 186629   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 279883   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 258346   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.545 | 264  | 324753   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 420283   | 59.780 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 482723   | 57.604 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 263431   | 40.469 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 88473    | 47.595 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 432755   | 36.793 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.998 | 244  | 354121   | 23.427 | ng    | -0.01    |

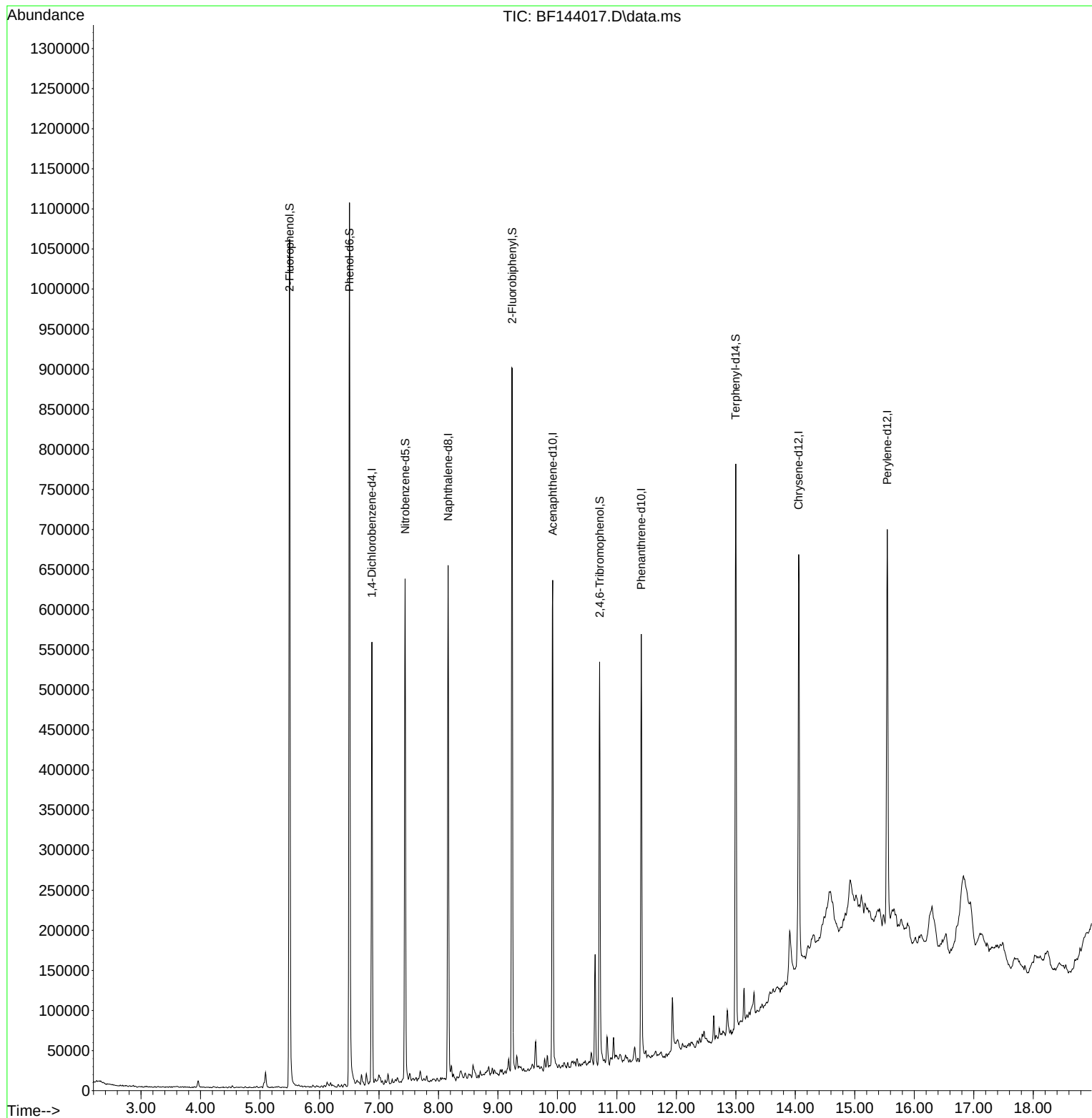
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

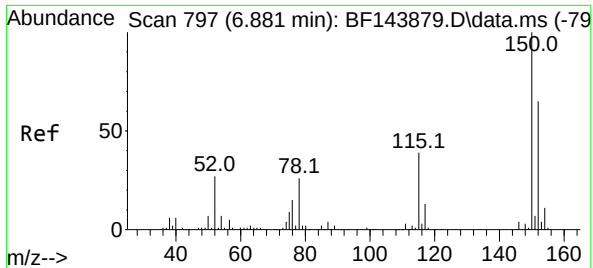
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144017.D  
Acq On : 21 Oct 2025 17:31  
Operator : RC/JU  
Sample : Q3375-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S05-000057-20251016

Quant Time: Oct 21 17:51:35 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

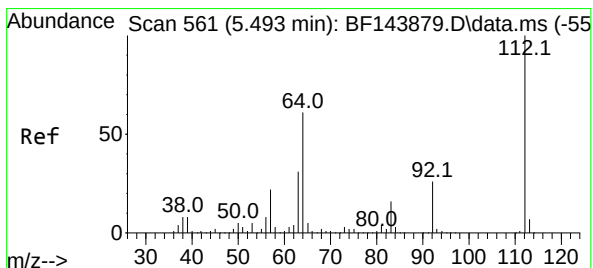
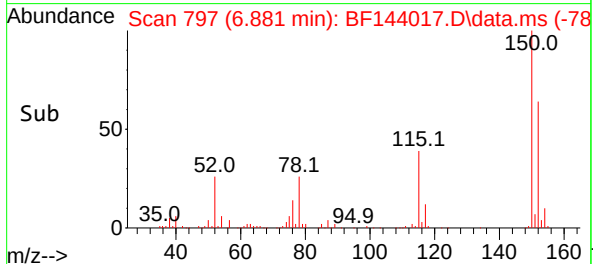
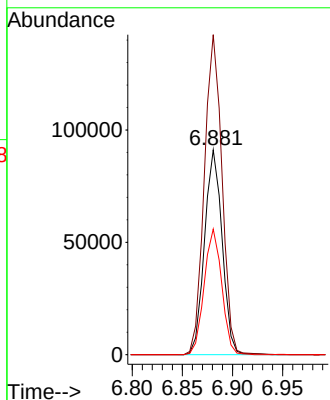
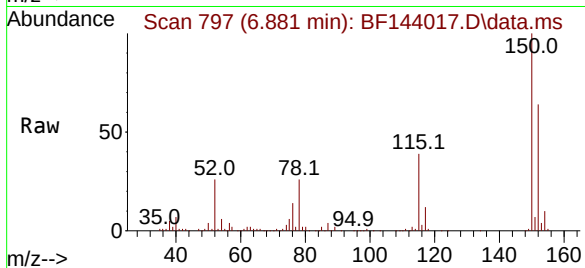




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144017.D  
Acq: 21 Oct 2025 17:31

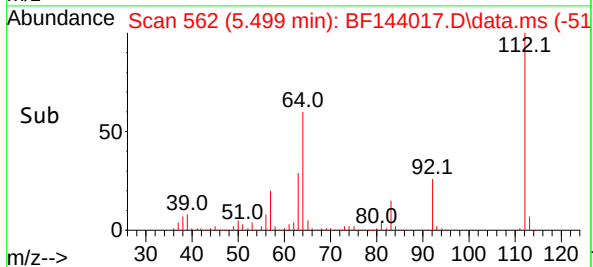
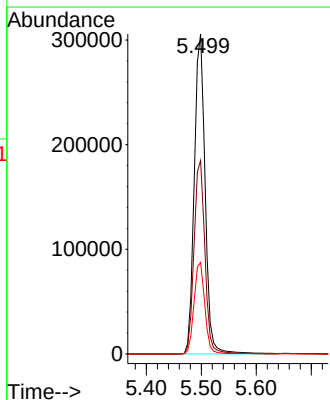
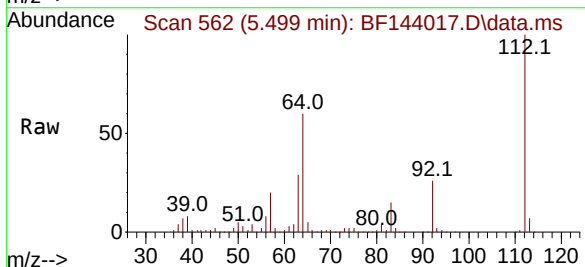
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S05-000057-20251016

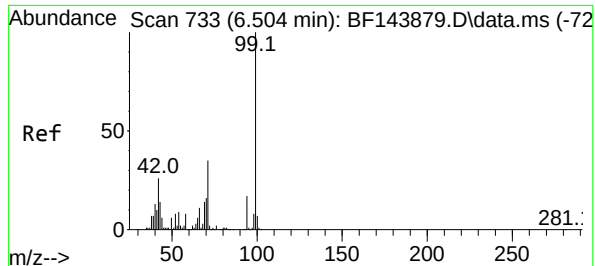
Tgt Ion:152 Resp: 111644  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.4 186.6  
115 61.4 48.1 72.1



#5  
2-Fluorophenol  
Concen: 59.780 ng  
RT: 5.499 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BF144017.D  
Acq: 21 Oct 2025 17:31

Tgt Ion:112 Resp: 420283  
Ion Ratio Lower Upper  
112 100  
64 60.5 49.1 73.7  
63 28.6 24.5 36.7





#7

Phenol-d6

Concen: 57.604 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

Instrument :

BNA\_F

ClientSampleId :

PR132-S05-000057-20251016

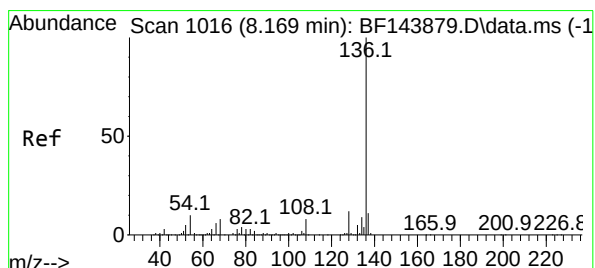
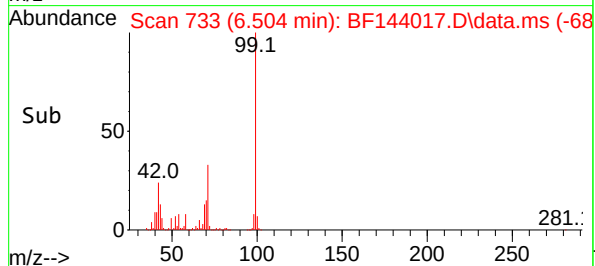
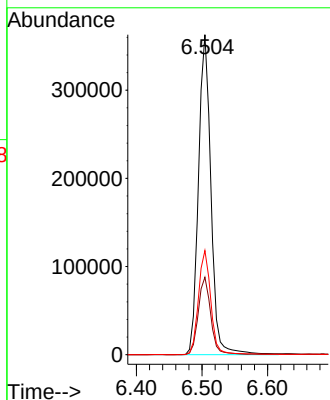
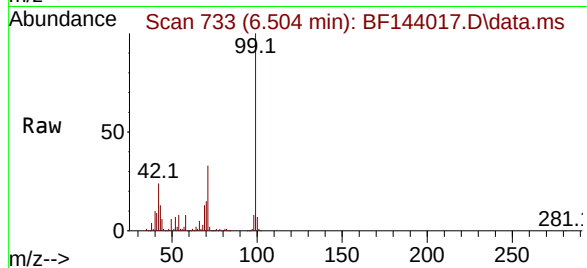
Tgt Ion: 99 Resp: 482723

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|    |     |  |  |
|----|-----|--|--|
| 99 | 100 |  |  |
|----|-----|--|--|

|    |      |      |      |
|----|------|------|------|
| 42 | 24.2 | 21.0 | 31.4 |
|----|------|------|------|

|    |      |      |      |
|----|------|------|------|
| 71 | 32.6 | 27.8 | 41.8 |
|----|------|------|------|



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

Tgt Ion: 136 Resp: 395479

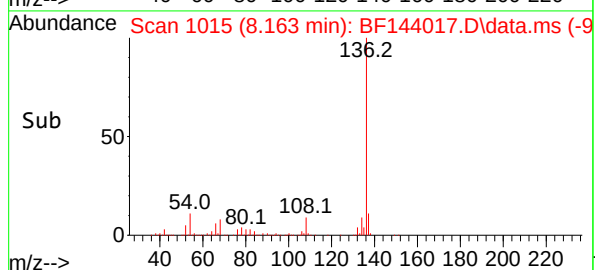
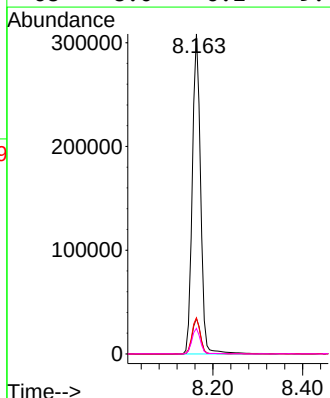
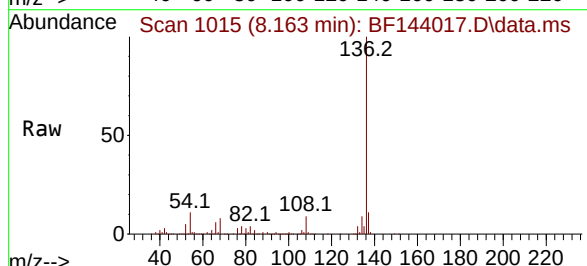
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

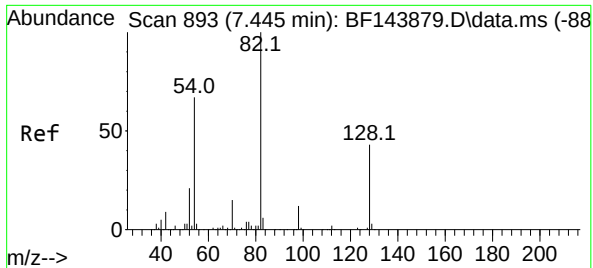
|     |     |  |  |
|-----|-----|--|--|
| 136 | 100 |  |  |
|-----|-----|--|--|

|     |      |     |      |
|-----|------|-----|------|
| 137 | 11.1 | 8.5 | 12.7 |
|-----|------|-----|------|

|    |      |     |      |
|----|------|-----|------|
| 54 | 11.3 | 8.2 | 12.4 |
|----|------|-----|------|

|    |     |     |     |
|----|-----|-----|-----|
| 68 | 8.0 | 6.2 | 9.4 |
|----|-----|-----|-----|





#23

Nitrobenzene-d5

Concen: 40.469 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

Instrument :

BNA\_F

ClientSampleId :

PR132-S05-000057-20251016

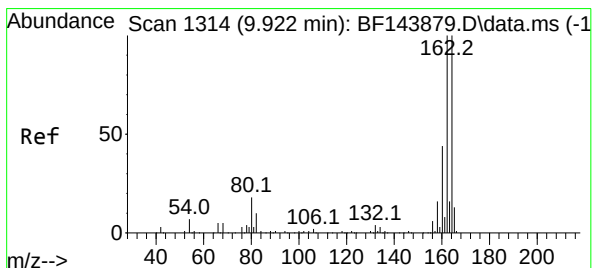
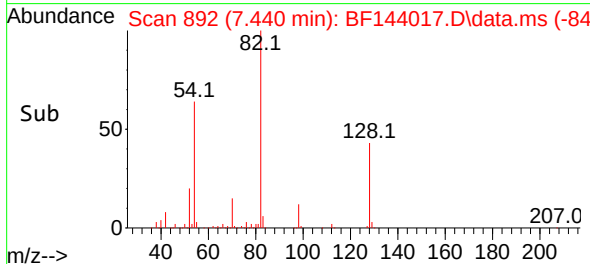
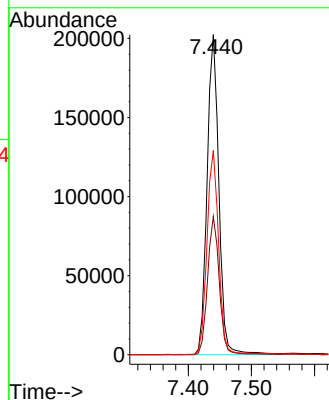
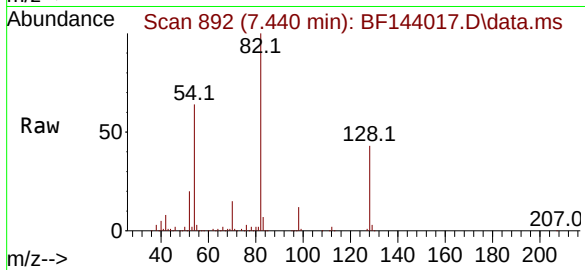
Tgt Ion: 82 Resp: 263431

Ion Ratio Lower Upper

82 100

128 43.2 34.0 51.0

54 63.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

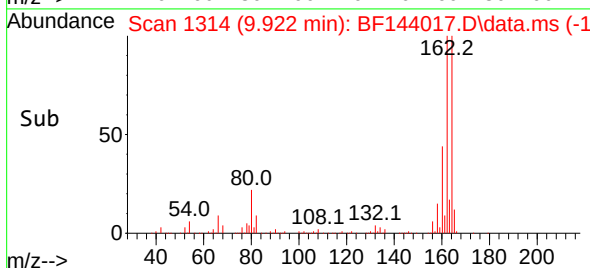
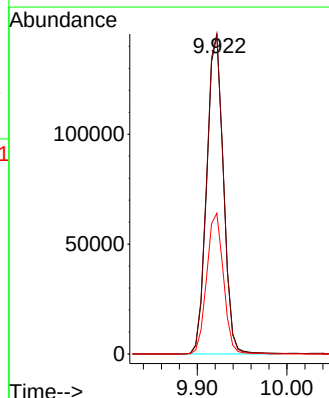
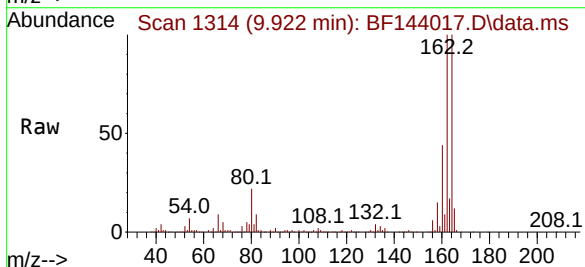
Tgt Ion: 164 Resp: 186629

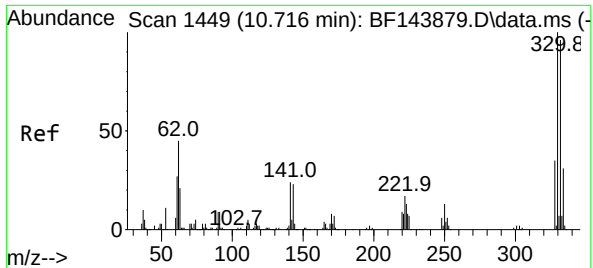
Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.2

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 47.595 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144017.D

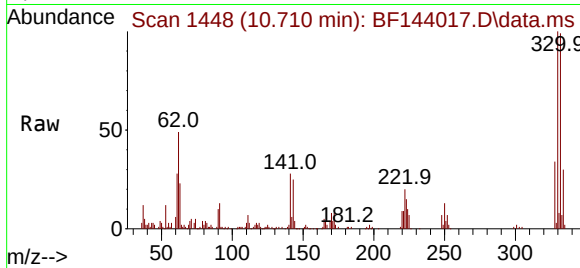
Acq: 21 Oct 2025 17:31

Instrument :

BNA\_F

ClientSampleId :

PR132-S05-000057-20251016



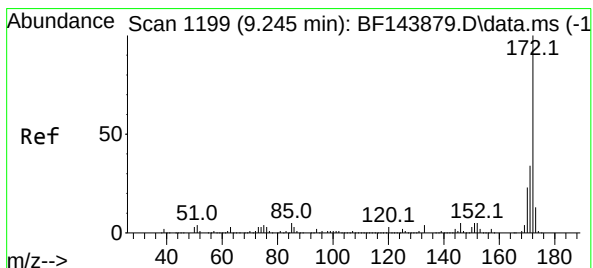
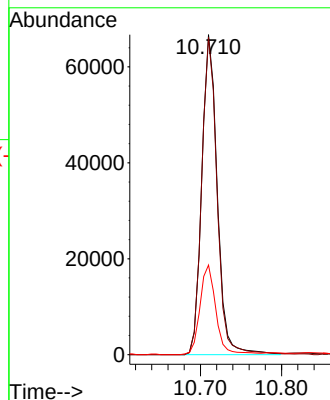
Tgt Ion:330 Resp: 88473

Ion Ratio Lower Upper

330 100

332 98.4 76.9 115.3

141 28.9 20.2 30.4



#45

2-Fluorobiphenyl

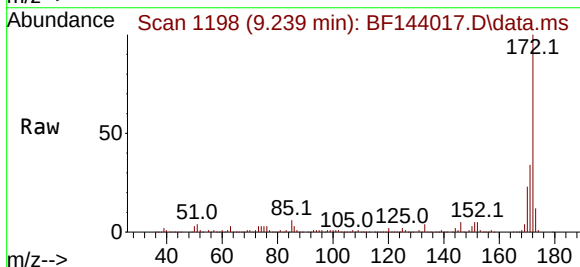
Concen: 36.793 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31



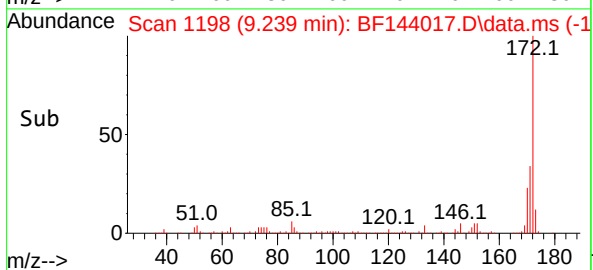
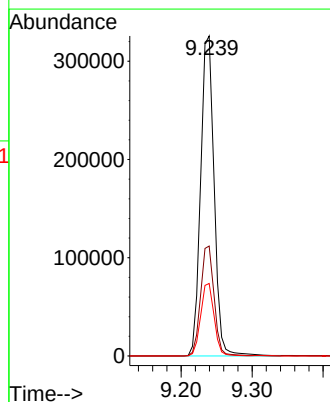
Tgt Ion:172 Resp: 432755

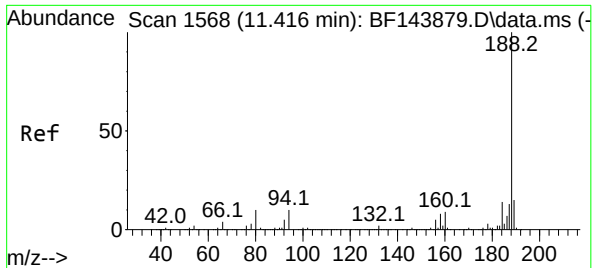
Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.0

170 22.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

Instrument :

BNA\_F

ClientSampleId :

PR132-S05-000057-20251016

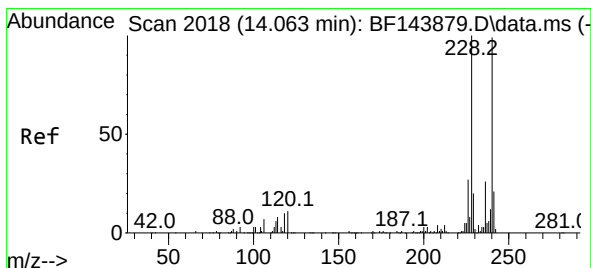
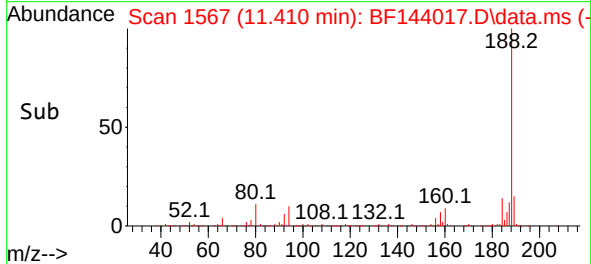
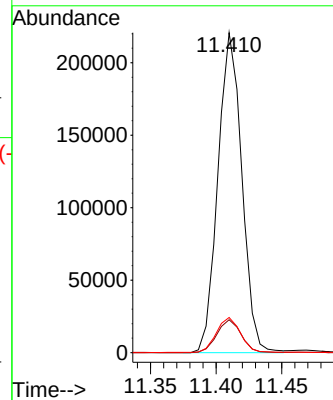
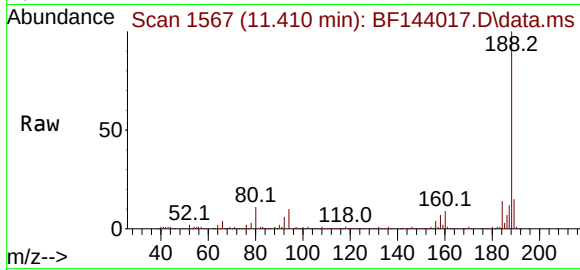
Tgt Ion:188 Resp: 279883

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

80 11.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF144017.D

Acq: 21 Oct 2025 17:31

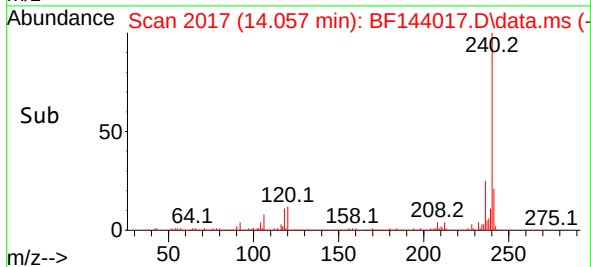
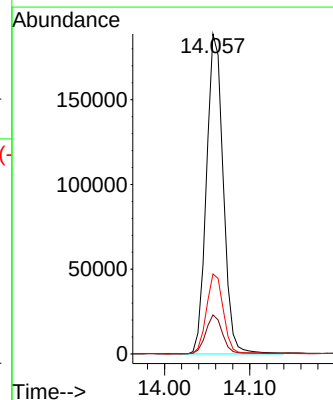
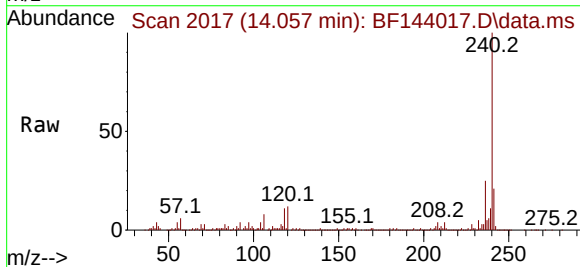
Tgt Ion:240 Resp: 258346

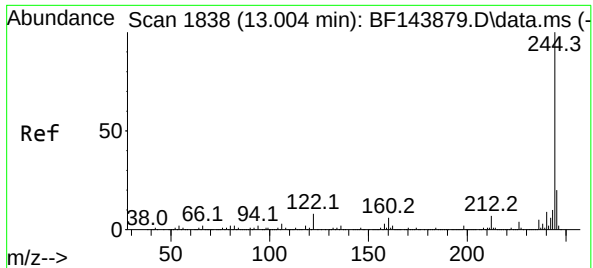
Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

236 25.0 21.1 31.7

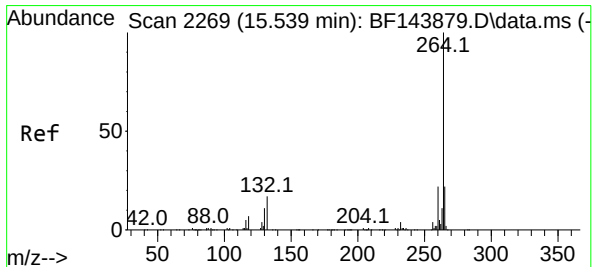
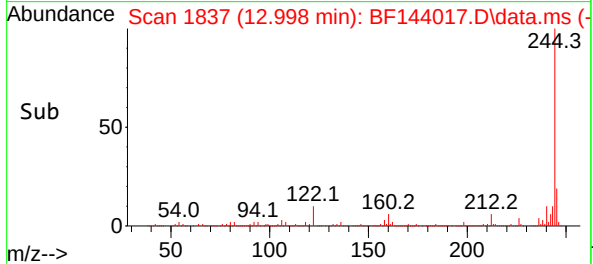
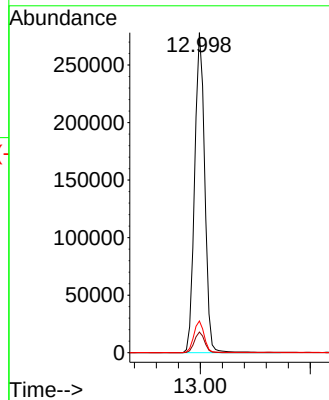
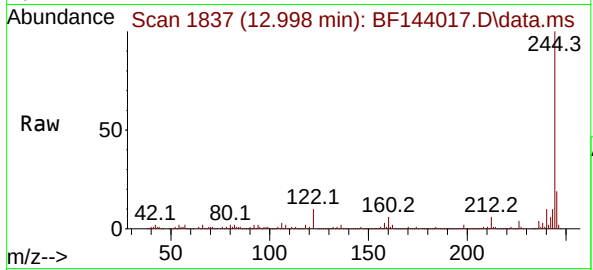




#79  
Terphenyl-d14  
Concen: 23.427 ng  
RT: 12.998 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF144017.D  
Acq: 21 Oct 2025 17:31

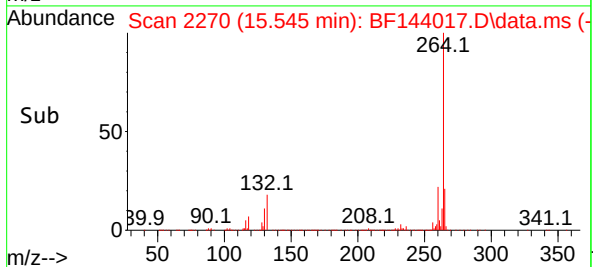
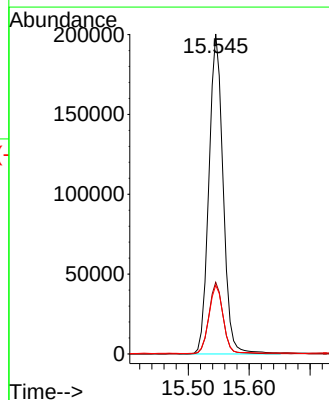
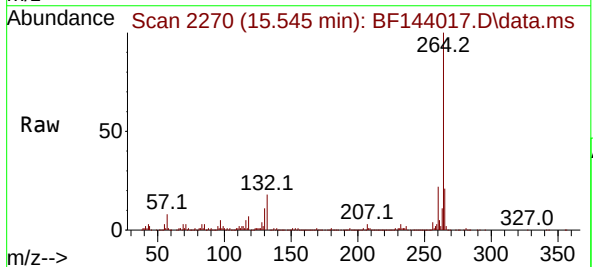
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S05-000057-20251016

Tgt Ion:244 Resp: 354121  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.4 8.0  
122 9.9 6.4 9.6#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144017.D  
Acq: 21 Oct 2025 17:31

Tgt Ion:264 Resp: 324753  
Ion Ratio Lower Upper  
264 100  
260 22.4 17.8 26.8  
265 21.4 17.5 26.3





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144017.D  
Acq On : 21 Oct 2025 17:31  
Operator : RC/JU  
Sample : Q3375-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S05-000057-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144017.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.093       | 489           | 493         | 499          | rVB      | 18228          | 27997         | 1.88%           | 0.234%        |
| 2         | 5.499       | 556           | 562         | 579          | rBV      | 1057198        | 1453570       | 97.48%          | 12.130%       |
| 3         | 6.504       | 727           | 733         | 749          | rBV      | 1102218        | 1491119       | 100.00%         | 12.444%       |
| 4         | 6.704       | 764           | 767         | 772          | rBV      | 11973          | 18466         | 1.24%           | 0.154%        |
| 5         | 6.787       | 776           | 781         | 788          | rBV2     | 14465          | 25331         | 1.70%           | 0.211%        |
| 6         | 6.881       | 792           | 797         | 803          | rVB      | 549609         | 674872        | 45.26%          | 5.632%        |
| 7         | 6.998       | 814           | 817         | 824          | rVB      | 9293           | 19911         | 1.34%           | 0.166%        |
| 8         | 7.151       | 839           | 843         | 848          | rVB2     | 12264          | 17376         | 1.17%           | 0.145%        |
| 9         | 7.440       | 887           | 892         | 901          | rVV      | 624389         | 800396        | 53.68%          | 6.679%        |
| 10        | 7.693       | 931           | 935         | 941          | rVB4     | 11606          | 19743         | 1.32%           | 0.165%        |
| 11        | 8.163       | 1009          | 1015        | 1021         | rBV      | 641114         | 815223        | 54.67%          | 6.803%        |
| 12        | 8.216       | 1022          | 1024        | 1028         | rVV      | 17900          | 23791         | 1.60%           | 0.199%        |
| 13        | 8.381       | 1046          | 1052        | 1059         | rVV9     | 8706           | 20125         | 1.35%           | 0.168%        |
| 14        | 8.581       | 1082          | 1086        | 1098         | rVB2     | 16041          | 37509         | 2.52%           | 0.313%        |
| 15        | 9.181       | 1181          | 1188        | 1192         | rBV      | 17433          | 30382         | 2.04%           | 0.254%        |
| 16        | 9.234       | 1192          | 1197        | 1207         | rVV      | 877767         | 1172139       | 78.61%          | 9.782%        |
| 17        | 9.316       | 1207          | 1211        | 1215         | rBV2     | 16950          | 23090         | 1.55%           | 0.193%        |
| 18        | 9.634       | 1260          | 1265        | 1269         | rBV2     | 33049          | 50028         | 3.36%           | 0.417%        |
| 19        | 9.787       | 1287          | 1291        | 1294         | rBV4     | 15224          | 22358         | 1.50%           | 0.187%        |
| 20        | 9.828       | 1295          | 1298        | 1302         | rVV4     | 14931          | 20381         | 1.37%           | 0.170%        |
| 21        | 9.922       | 1308          | 1314        | 1319         | rBV      | 604873         | 789040        | 52.92%          | 6.585%        |
| 22        | 10.569      | 1421          | 1424        | 1430         | rVB4     | 14664          | 24582         | 1.65%           | 0.205%        |
| 23        | 10.634      | 1430          | 1435        | 1442         | rVB      | 138254         | 175252        | 11.75%          | 1.462%        |
| 24        | 10.710      | 1443          | 1448        | 1459         | rBV      | 501980         | 681951        | 45.73%          | 5.691%        |
| 25        | 10.834      | 1465          | 1469        | 1476         | rVB2     | 34979          | 57088         | 3.83%           | 0.476%        |
| 26        | 10.945      | 1484          | 1488        | 1491         | rBV      | 27047          | 32961         | 2.21%           | 0.275%        |
| 27        | 11.410      | 1562          | 1567        | 1576         | rBV      | 533118         | 715598        | 47.99%          | 5.972%        |
| 28        | 11.933      | 1652          | 1656        | 1664         | rBV      | 65798          | 112869        | 7.57%           | 0.942%        |
| 29        | 12.628      | 1771          | 1774        | 1778         | rBV      | 29571          | 35609         | 2.39%           | 0.297%        |
| 30        | 12.998      | 1832          | 1837        | 1846         | rBV      | 704636         | 913542        | 61.27%          | 7.624%        |
| 31        | 13.139      | 1857          | 1861        | 1865         | rBV      | 39858          | 50409         | 3.38%           | 0.421%        |
| 32        | 13.904      | 1988          | 1991        | 2003         | rVB3     | 47589          | 108894        | 7.30%           | 0.909%        |
| 33        | 14.057      | 2011          | 2017        | 2025         | rBV      | 504684         | 748915        | 50.23%          | 6.250%        |
| 34        | 15.545      | 2265          | 2270        | 2279         | rBV      | 485365         | 772542        | 51.81%          | 6.447%        |

Sum of corrected areas: 11983059

**Instrument :**

BNA\_F

**ClientSampleId :**

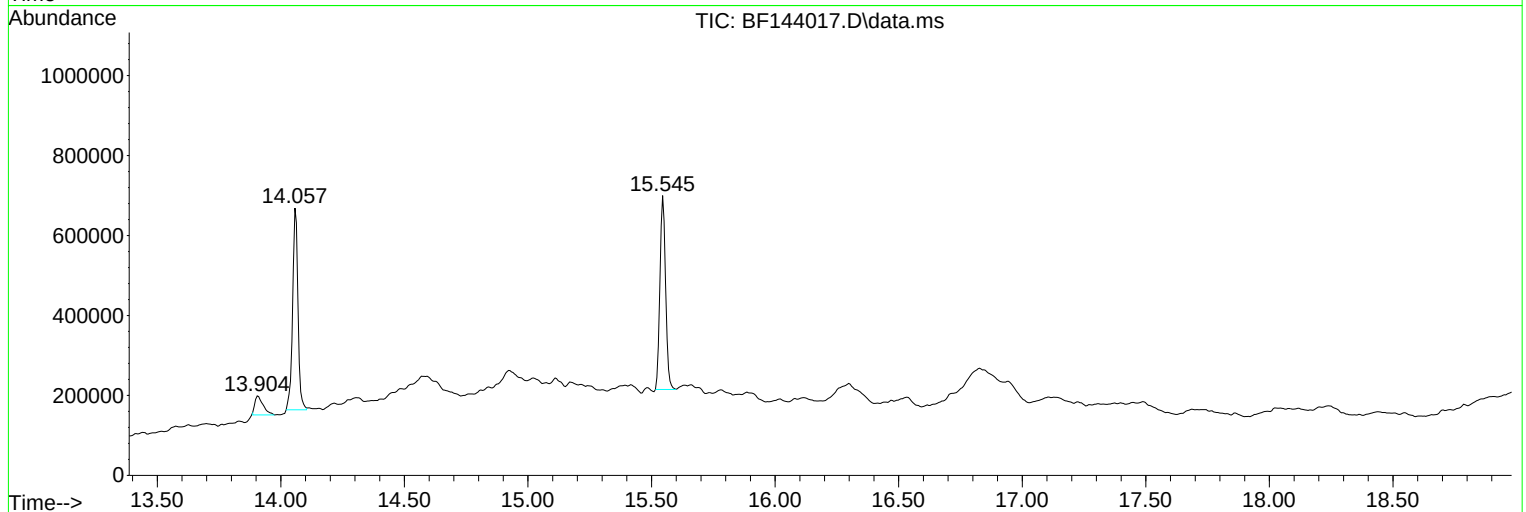
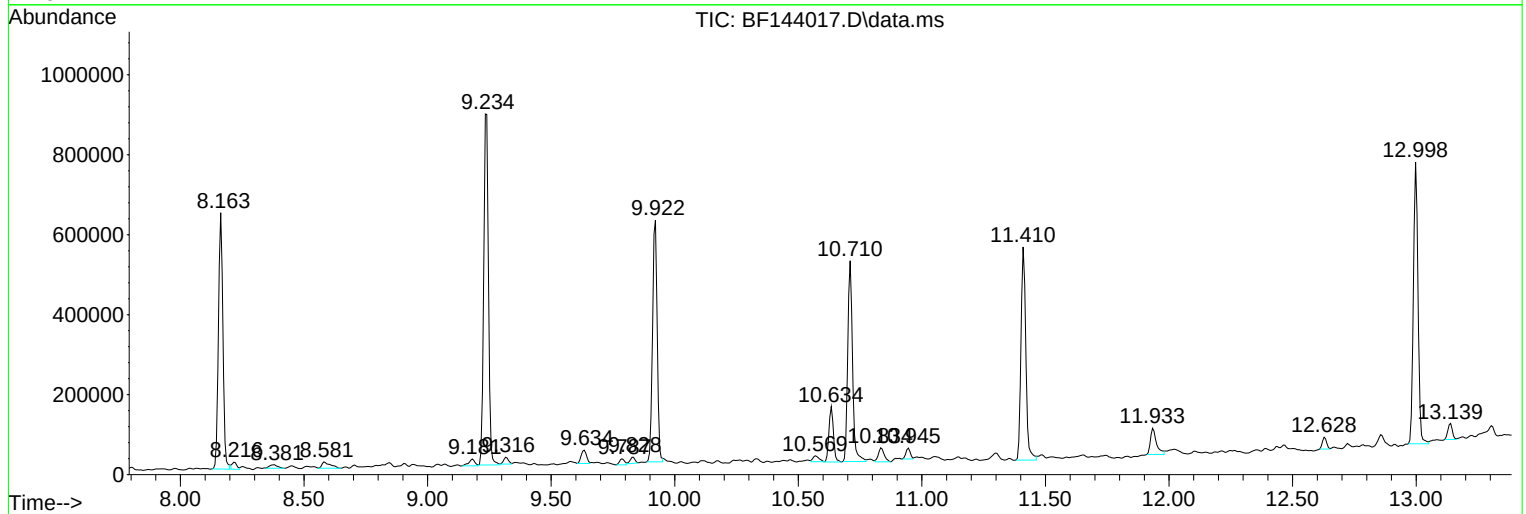
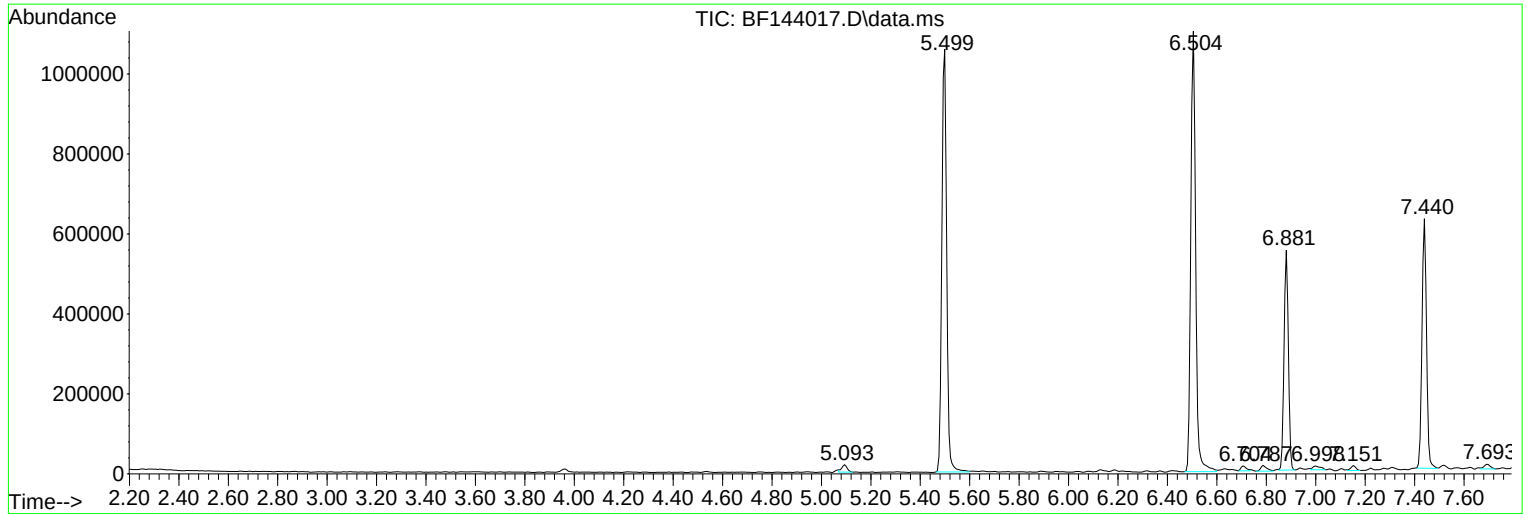
PR132-S05-000057-20251016

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\  
Data File : BF144017.D  
Acq On    : 21 Oct 2025  17:31  
Operator  : RC/JU  
Sample    : Q3375-03  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
```

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PR132-S05-000057-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144017.D  
Acq On : 21 Oct 2025 17:31  
Operator : RC/JU  
Sample : Q3375-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S05-000057-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

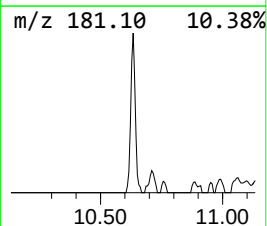
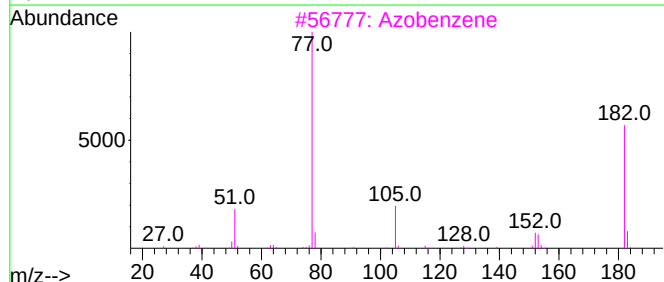
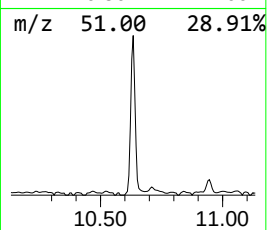
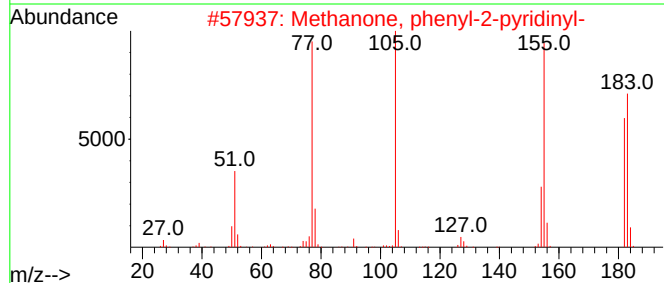
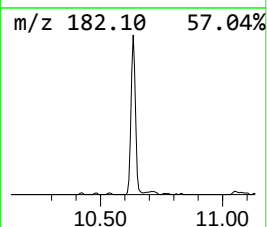
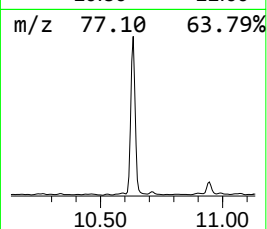
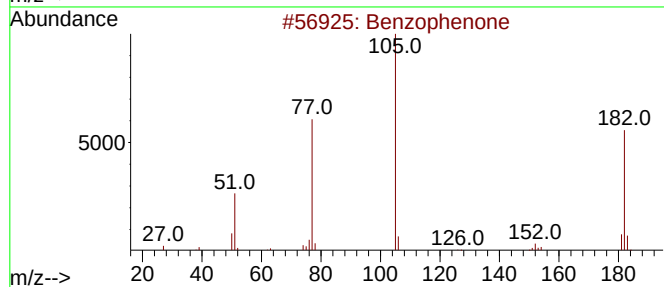
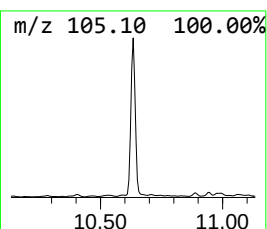
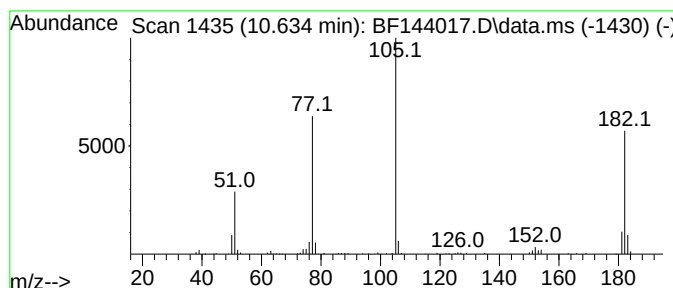
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.634 | 4.44 ng | 175252 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                   | 182 | C13H10O  | 000119-61-9  | 96   |
| 2    |    |   | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO  | 000091-02-1  | 72   |
| 3    |    |   | Azobenzene                     | 182 | C12H10N2 | 000103-33-3  | 58   |
| 4    |    |   | 5-Oxo-5-phenylpentanenitrile   | 173 | C11H11NO | 1000486-83-7 | 47   |
| 5    |    |   | Benzoic acid, phenyl ester     | 198 | C13H10O2 | 000093-99-2  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144017.D  
Acq On : 21 Oct 2025 17:31  
Operator : RC/JU  
Sample : Q3375-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S05-000057-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|--------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |        |         |       |          | #                     | RT    | Resp   | Conc |
| Benzophenone     | 10.634 | 4.4     | ng    | 175252   | 3                     | 9.922 | 789040 | 20.0 |

## Report of Analysis

Client: AECOM  
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
 Client Sample ID: PR132-S02-010074-20251016  
 Lab Sample ID: Q3375-04  
 Analytical Method: 8270E Level : LOW  
 Sample Wt/Vol: 30.01 g Final Vol: 1000 uL  
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
 Date Received: 10/16/25  
 SDG No.: Q3375  
 Matrix: SOIL  
 % Solid: 55.3  
 Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 600   | U    | 1  | 280  | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 108-95-2       | Phenol                      | 310   | U    | 1  | 40.0 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 310   | U    | 1  | 43.9 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 310   | U    | 1  | 44.1 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 310   | U    | 1  | 54.1 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 310   | U    | 1  | 67.8 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 98-86-2        | Acetophenone                | 310   | U    | 1  | 53.3 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 600   | U    | 1  | 74.3 | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 140   | U    | 1  | 85.7 | 140        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 67-72-1        | Hexachloroethane            | 310   | U    | 1  | 31.8 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 98-95-3        | Nitrobenzene                | 310   | U    | 1  | 33.1 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 78-59-1        | Isophorone                  | 310   | U    | 1  | 59.3 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 310   | U    | 1  | 110  | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 310   | U    | 1  | 120  | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 310   | U    | 1  | 55.7 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 310   | U    | 1  | 51.2 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 91-20-3        | Naphthalene                 | 310   | U    | 1  | 41.0 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 310   | U    | 1  | 64.0 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 310   | U    | 1  | 45.7 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 105-60-2       | Caprolactam                 | 600   | U    | 1  | 94.2 | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 310   | U    | 1  | 51.9 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 310   | U    | 1  | 46.3 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 600   | U    | 1  | 210  | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 310   | U    | 1  | 35.8 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 310   | U    | 1  | 52.6 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 310   | U    | 1  | 39.4 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 310   | U    | 1  | 40.7 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 310   | U    | 1  | 87.0 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 310   | U    | 1  | 49.0 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 208-96-8       | Acenaphthylene              | 310   | U    | 1  | 52.2 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 310   | U    | 1  | 60.7 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 310   | U    | 1  | 83.2 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 83-32-9        | Acenaphthene                | 310   | U    | 1  | 38.5 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 600   | U    | 1  | 410  | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 600   | U    | 1  | 190  | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 132-64-9       | Dibenzofuran                | 310   | U    | 1  | 41.0 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 310   | U    | 1  | 90.6 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 84-66-2        | Diethylphthalate            | 310   | U    | 1  | 51.2 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 310   | U    | 1  | 48.3 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 86-73-7        | Fluorene                    | 310   | U    | 1  | 45.7 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 310   | U    | 1  | 120  | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 600   | U    | 1  | 190  | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR132-S02-010074-20251016  
Lab Sample ID: Q3375-04  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL  
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
Date Received: 10/16/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 55.3  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 310   | U    | 1  | 59.5 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 310   | U    | 1  | 50.3 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 310   | U    | 1  | 45.7 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 1912-24-9  | Atrazine                   | 310   | U    | 1  | 61.5 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 600   | U    | 1  | 92.7 | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 85-01-8    | Phenanthrene               | 310   | U    | 1  | 37.8 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 120-12-7   | Anthracene                 | 310   | U    | 1  | 60.2 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 86-74-8    | Carbazole                  | 310   | U    | 1  | 56.4 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 310   | U    | 1  | 86.6 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 206-44-0   | Fluoranthene               | 310   | U    | 1  | 54.2 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 129-00-0   | Pyrene                     | 310   | U    | 1  | 65.1 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 310   | U    | 1  | 130  | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 600   | U    | 1  | 66.3 | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 310   | U    | 1  | 41.6 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 218-01-9   | Chrysene                   | 310   | U    | 1  | 36.0 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 310   | U    | 1  | 110  | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 600   | U    | 1  | 160  | 600        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 310   | U    | 1  | 34.3 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 310   | U    | 1  | 40.5 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 130   | J    | 1  | 53.3 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 310   | U    | 1  | 52.6 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 310   | U    | 1  | 49.5 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 310   | U    | 1  | 46.5 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 310   | U    | 1  | 46.3 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 310   | U    | 1  | 81.7 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 310   | U    | 1  | 49.5 | 310        | ug/Kg | 10/21/25 18:01 | PB170165     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 84.6 |  | 18 - 112 | 56% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 82.3 |  | 15 - 107 | 55% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 57.6 |  | 18 - 107 | 58% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 50.7 |  | 20 - 109 | 51% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 72.6 |  | 10 - 116 | 48% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 35.4 |  | 10 - 105 | 35% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 115000 |
| 1146-65-2  | Naphthalene-d8         | 413000 |
| 15067-26-2 | Acenaphthene-d10       | 191000 |
| 1517-22-2  | Phenanthrene-d10       | 290000 |
| 1719-03-5  | Chrysene-d12           | 267000 |
| 1520-96-3  | Perylene-d12           | 332000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                             |     |   |      |       |
|-------------|-----------------------------|-----|---|------|-------|
| 017301-23-4 | Undecane, 2,6-dimethyl-     | 140 | J | 8.22 | ug/Kg |
| 074645-98-0 | Dodecane, 2,7,10-trimethyl- | 170 | J | 9.18 | ug/Kg |



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

## Report of Analysis

|                    |                                                  |                     |                 |                  |
|--------------------|--------------------------------------------------|---------------------|-----------------|------------------|
| Client:            | AECOM                                            |                     | Date Collected: | 10/16/25         |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |                     | Date Received:  | 10/16/25         |
| Client Sample ID:  | PR132-S02-010074-20251016                        |                     | SDG No.:        | Q3375            |
| Lab Sample ID:     | Q3375-04                                         |                     | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | Level : LOW         | % Solid:        | 55.3             |
| Sample Wt/Vol:     | 30.01 g                                          | Final Vol: 1000 uL  | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                                           | Prep Date: 10/20/25 |                 |                  |

| CAS Number  | Parameter        | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|-------------|------------------|-------|------|----|-----|------------|-------|-----------|--------------|
| 000119-61-9 | Benzophenone     | 460   | J    |    |     | 10.6       | ug/Kg |           |              |
| 000629-50-5 | Tridecane        | 180   | J    |    |     | 11.3       | ug/Kg |           |              |
| 000638-53-9 | Tridecanoic acid | 330   | J    |    |     | 11.9       | ug/Kg |           |              |
| 015594-90-8 | 1-Heneicosanol   | 270   | J    |    |     | 13.9       | ug/Kg |           |              |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

Quant Time: Oct 21 18:24:22 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

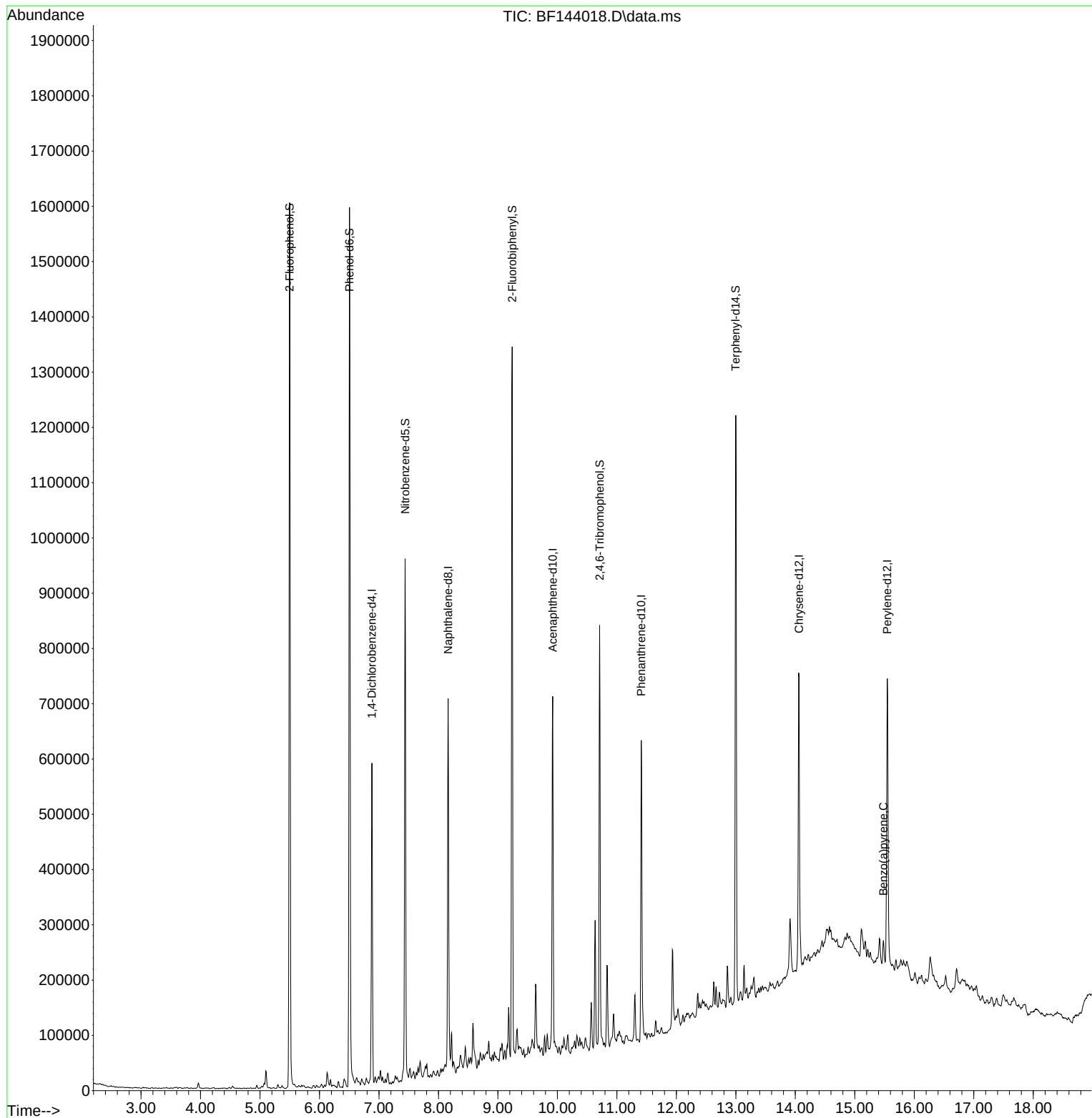
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 114769   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 412633   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 190672   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 289518   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.063 | 240  | 267469   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.545 | 264  | 332355   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 611499   | 84.609 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 708851   | 82.284 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 390907   | 57.556 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 137810   | 72.565 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 609475   | 50.719 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.998 | 244  | 553454   | 35.365 | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 90) Benzo(a)pyrene          | 15.480 | 252  | 34714    | 2.097  | ng    | # 85     |
| -----                       |        |      |          |        |       |          |

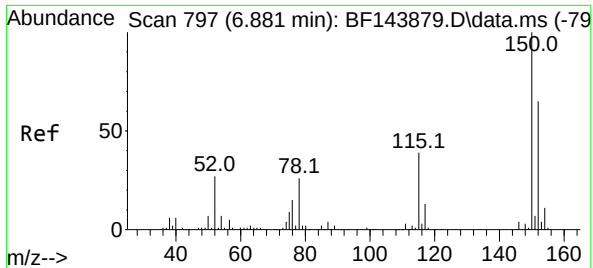
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

Quant Time: Oct 21 18:24:22 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

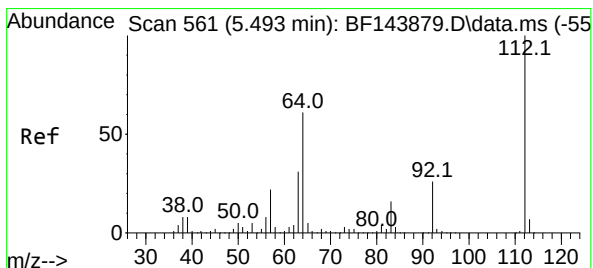
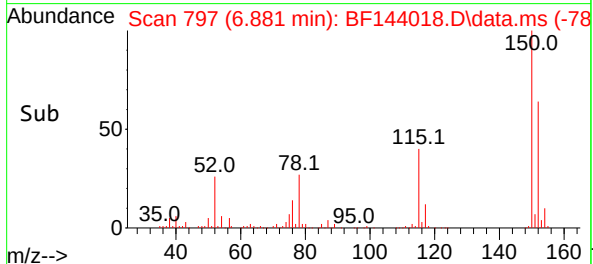
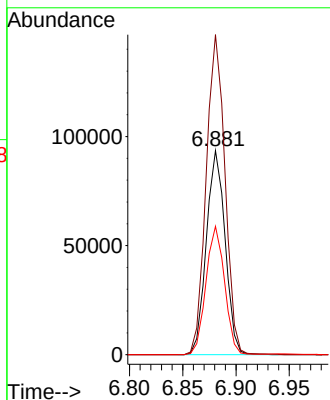
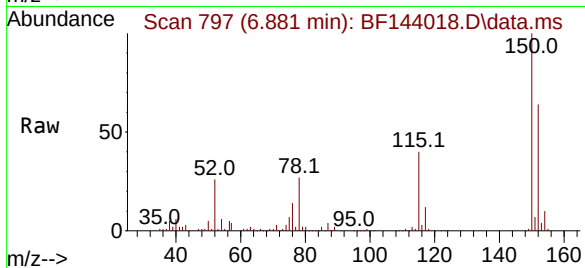




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144018.D  
Acq: 21 Oct 2025 18:01

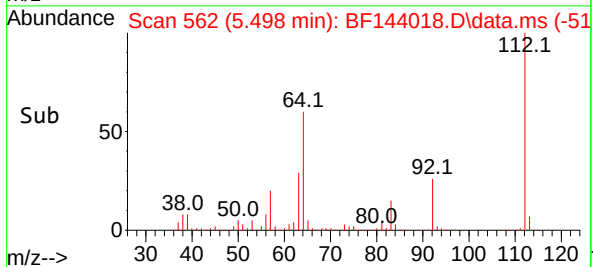
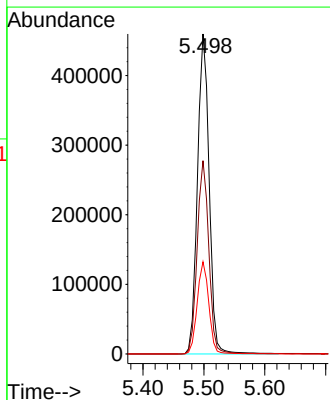
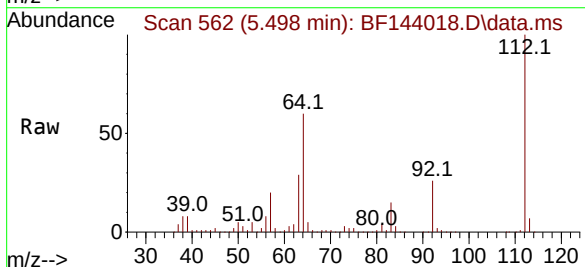
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

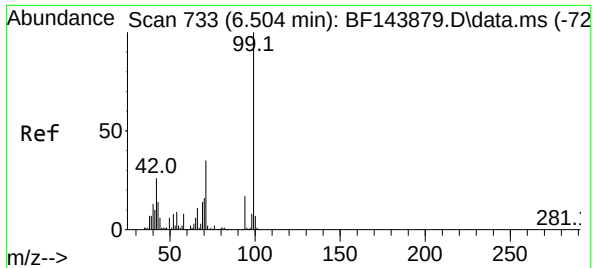
Tgt Ion:152 Resp: 114769  
Ion Ratio Lower Upper  
152 100  
150 156.9 124.4 186.6  
115 62.9 48.1 72.1



#5  
2-Fluorophenol  
Concen: 84.609 ng  
RT: 5.498 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BF144018.D  
Acq: 21 Oct 2025 18:01

Tgt Ion:112 Resp: 611499  
Ion Ratio Lower Upper  
112 100  
64 60.4 49.1 73.7  
63 28.8 24.5 36.7

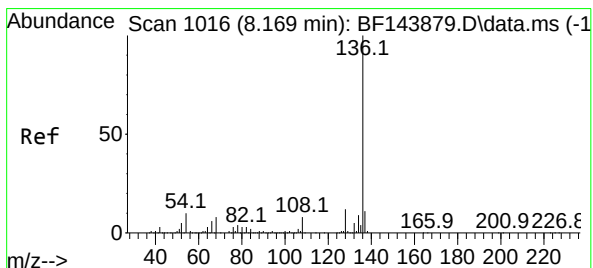
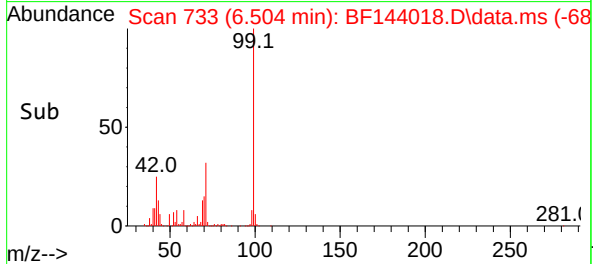
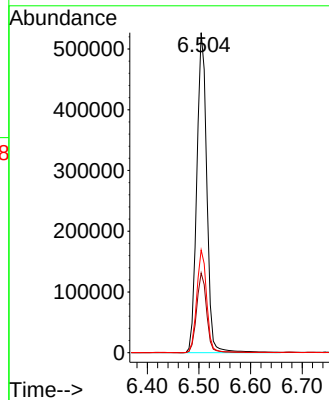
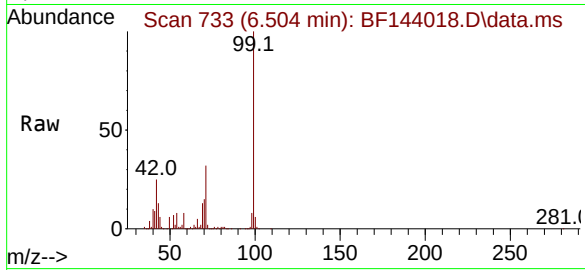




#7  
Phenol-d6  
Concen: 82.284 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF144018.D  
Acq: 21 Oct 2025 18:01

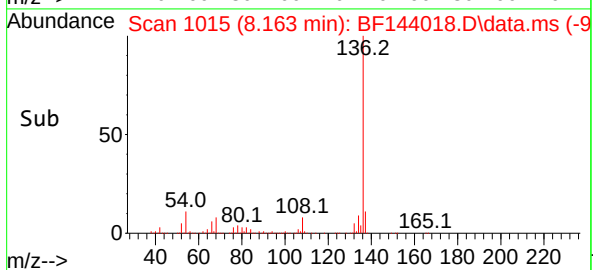
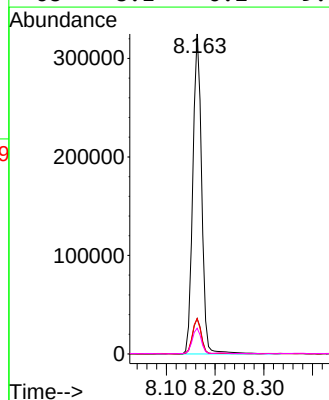
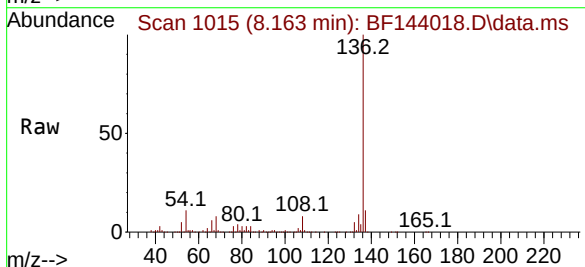
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

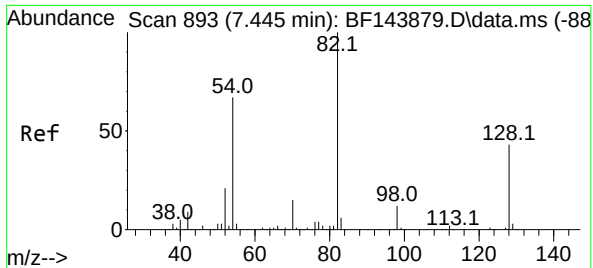
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 24.9  | 21.0  | 31.4  |
| 71      | 32.1  | 27.8  | 41.8  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF144018.D  
Acq: 21 Oct 2025 18:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.1  | 8.5   | 12.7  |
| 54      | 11.0  | 8.2   | 12.4  |
| 68      | 8.1   | 6.2   | 9.4   |





#23

Nitrobenzene-d5

Concen: 57.556 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

Instrument :

BNA\_F

ClientSampleId :

PR132-S02-010074-20251016

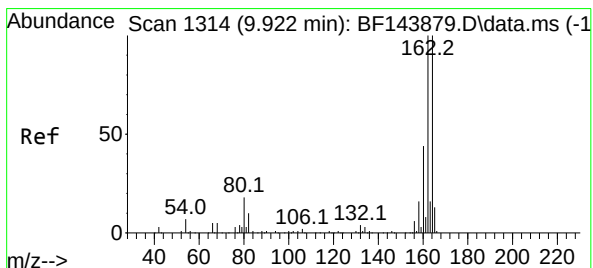
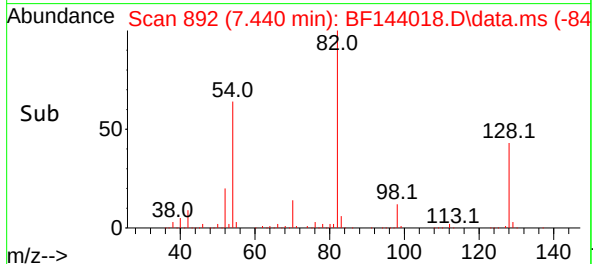
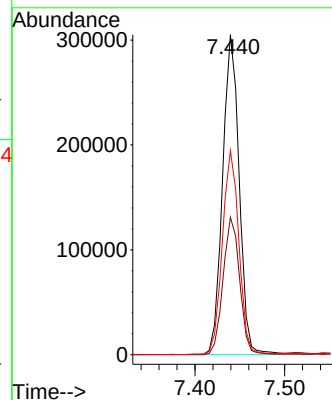
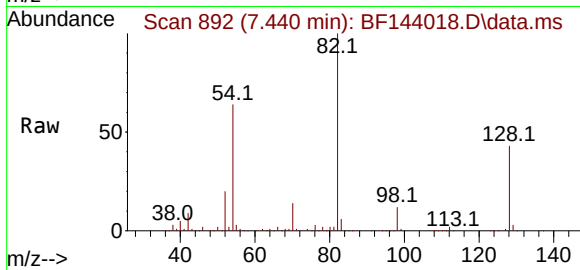
Tgt Ion: 82 Resp: 390907

Ion Ratio Lower Upper

82 100

128 42.9 34.0 51.0

54 63.8 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

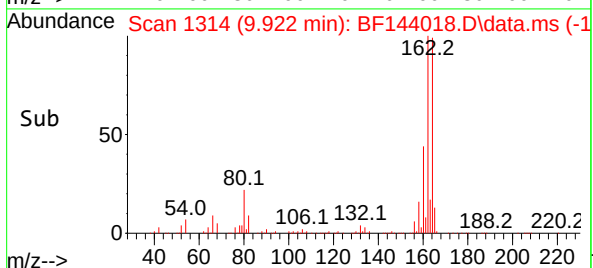
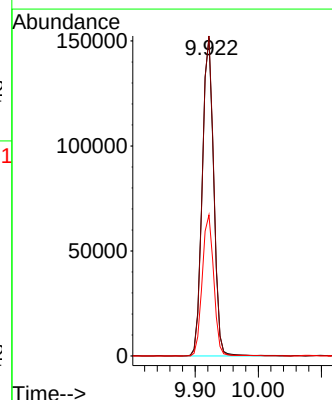
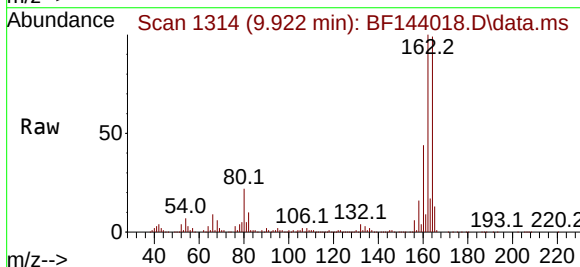
Tgt Ion:164 Resp: 190672

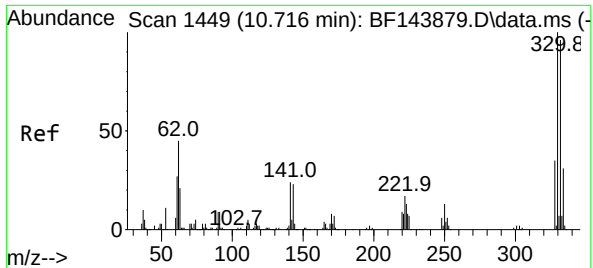
Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 72.565 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144018.D

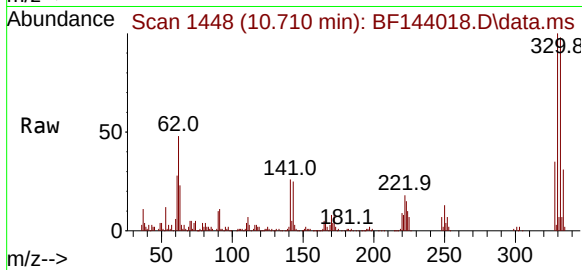
Acq: 21 Oct 2025 18:01

Instrument :

BNA\_F

ClientSampleId :

PR132-S02-010074-20251016



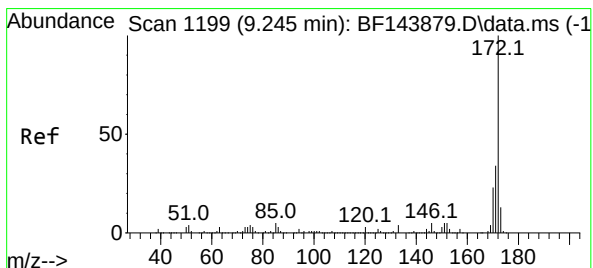
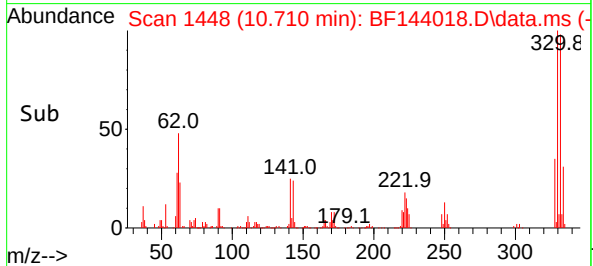
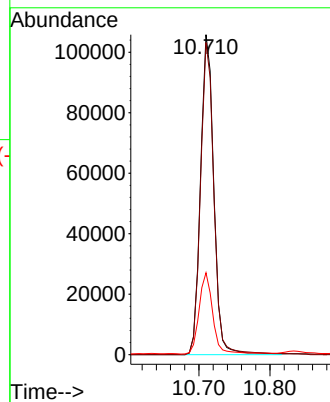
Tgt Ion:330 Resp: 137810

Ion Ratio Lower Upper

330 100

332 98.4 76.9 115.3

141 26.3 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 50.719 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

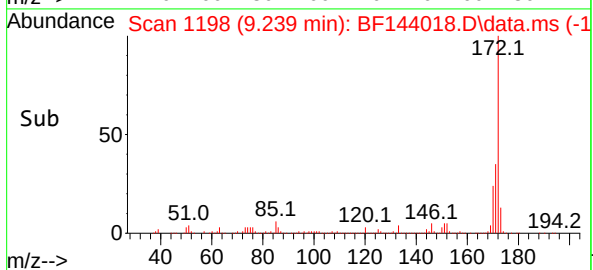
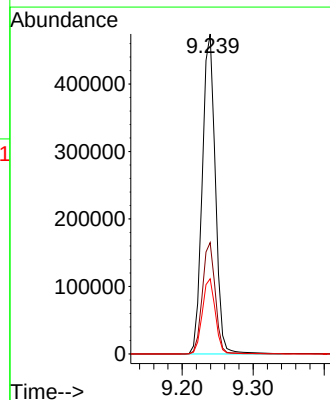
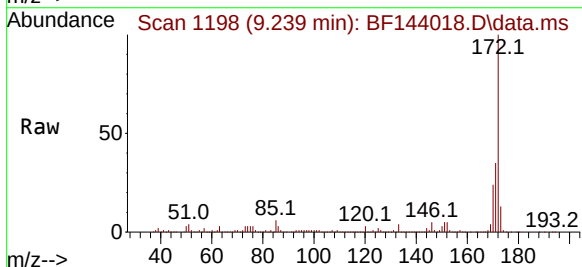
Tgt Ion:172 Resp: 609475

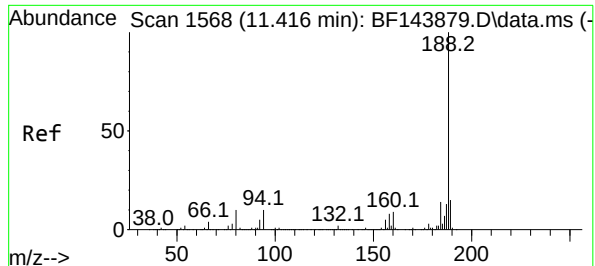
Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

Instrument :

BNA\_F

ClientSampleId :

PR132-S02-010074-20251016

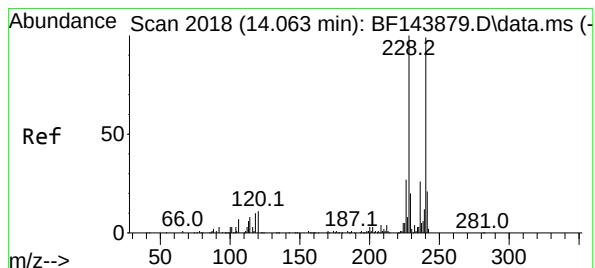
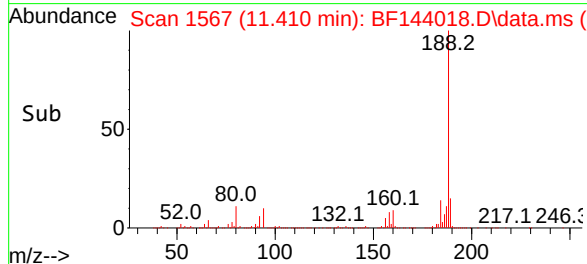
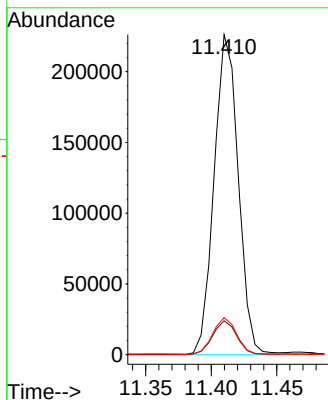
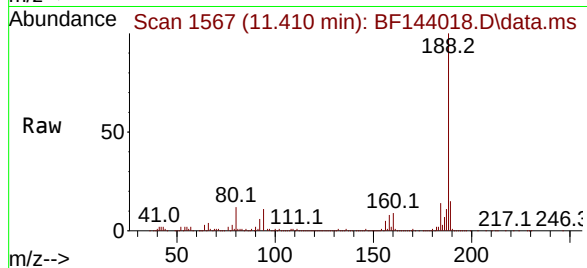
Tgt Ion:188 Resp: 289518

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

80 11.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF144018.D

Acq: 21 Oct 2025 18:01

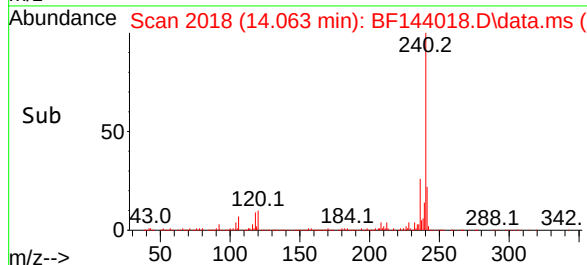
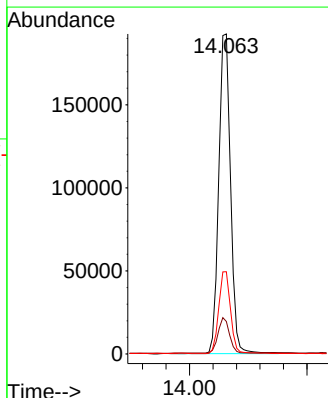
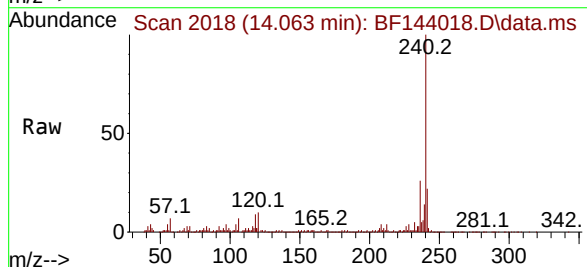
Tgt Ion:240 Resp: 267469

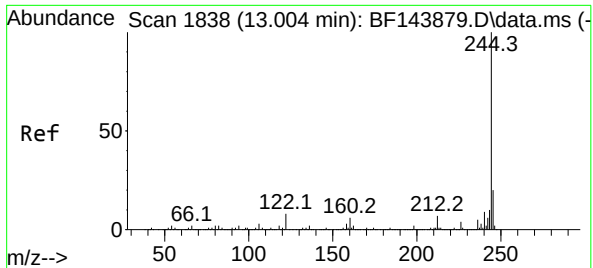
Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

236 25.7 21.1 31.7

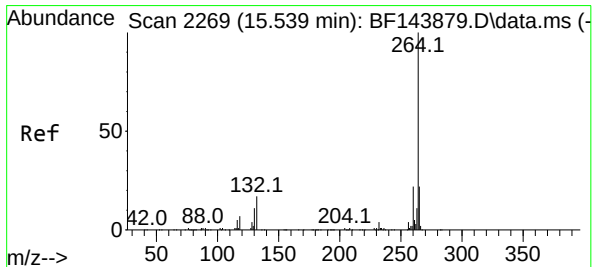
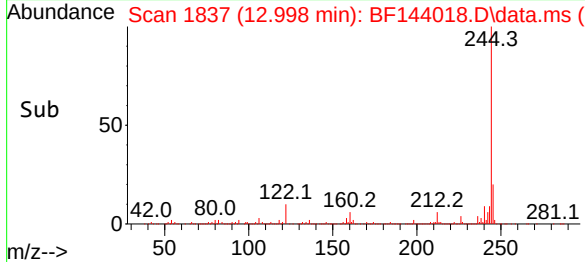
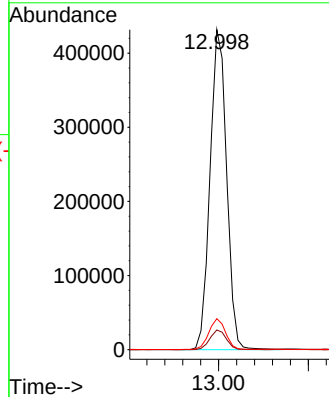
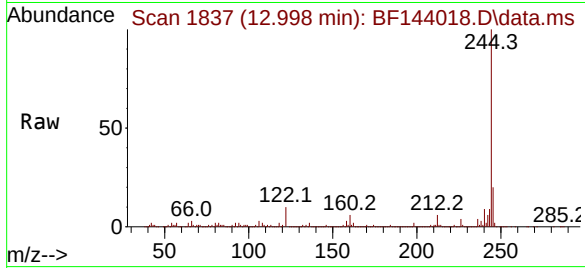




#79  
Terphenyl-d14  
Concen: 35.365 ng  
RT: 12.998 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF144018.D  
Acq: 21 Oct 2025 18:01

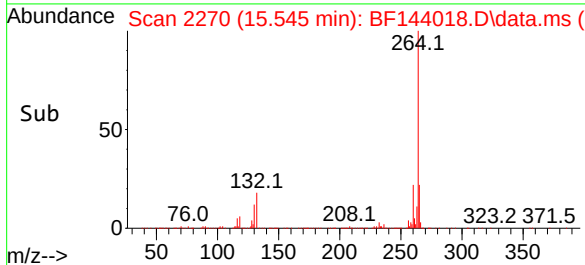
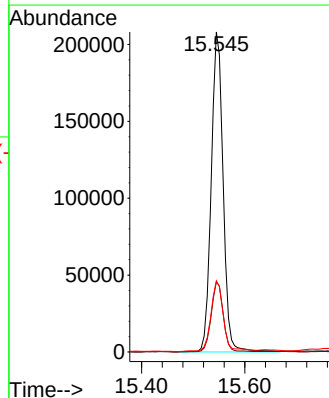
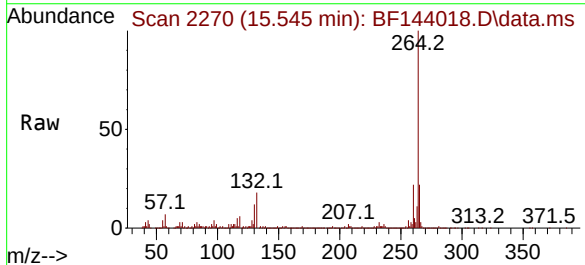
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

Tgt Ion:244 Resp: 553454  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.4 8.0  
122 9.7 6.4 9.6#

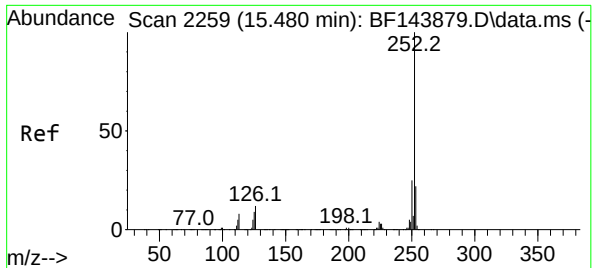


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144018.D  
Acq: 21 Oct 2025 18:01

Tgt Ion:264 Resp: 332355  
Ion Ratio Lower Upper  
264 100  
260 21.9 17.8 26.8  
265 22.2 17.5 26.3







#90

Benzo(a)pyrene

Concen: 2.097 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144018.D

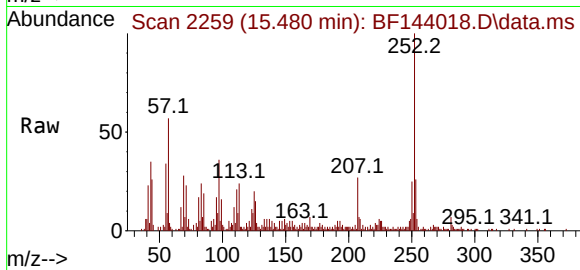
Acq: 21 Oct 2025 18:01

Instrument :

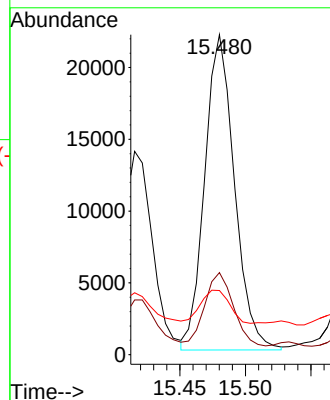
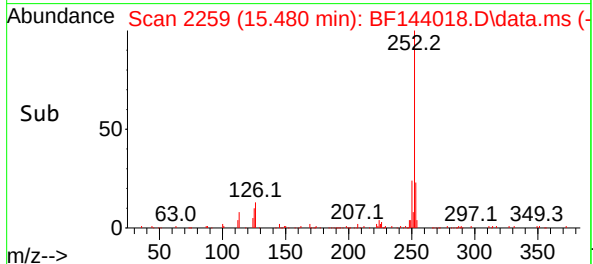
BNA\_F

ClientSampleId :

PR132-S02-010074-20251016



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 34714 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 25.6  | 17.3  | 25.9  |
| 125       | 20.1  | 7.0   | 10.4  |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144018.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.099       | 491           | 494         | 503          | rVB      | 30132          | 42957         | 1.95%           | 0.248%        |
| 2         | 5.498       | 556           | 562         | 573          | rBV      | 1600027        | 2107378       | 95.88%          | 12.155%       |
| 3         | 6.128       | 664           | 669         | 675          | rBV2     | 25396          | 41666         | 1.90%           | 0.240%        |
| 4         | 6.416       | 713           | 718         | 727          | rBV5     | 15493          | 37474         | 1.70%           | 0.216%        |
| 5         | 6.504       | 727           | 733         | 749          | rBV      | 1591227        | 2197989       | 100.00%         | 12.677%       |
| 6         | 6.787       | 776           | 781         | 788          | rBV3     | 11774          | 25028         | 1.14%           | 0.144%        |
| 7         | 6.881       | 792           | 797         | 803          | rVB      | 578155         | 726170        | 33.04%          | 4.188%        |
| 8         | 7.028       | 818           | 822         | 825          | rVB2     | 18096          | 23615         | 1.07%           | 0.136%        |
| 9         | 7.151       | 838           | 843         | 847          | rVB4     | 19332          | 30522         | 1.39%           | 0.176%        |
| 10        | 7.440       | 881           | 892         | 902          | rBV      | 946001         | 1277938       | 58.14%          | 7.371%        |
| 11        | 7.522       | 902           | 906         | 910          | rVV4     | 20117          | 36115         | 1.64%           | 0.208%        |
| 12        | 7.692       | 931           | 935         | 942          | rVB2     | 28335          | 48598         | 2.21%           | 0.280%        |
| 13        | 7.781       | 943           | 950         | 952          | rVV3     | 18875          | 36243         | 1.65%           | 0.209%        |
| 14        | 7.804       | 952           | 954         | 957          | rVB3     | 22600          | 22324         | 1.02%           | 0.129%        |
| 15        | 7.916       | 969           | 973         | 981          | rBV8     | 9999           | 23364         | 1.06%           | 0.135%        |
| 16        | 8.110       | 1001          | 1006        | 1009         | rVV4     | 18575          | 41147         | 1.87%           | 0.237%        |
| 17        | 8.163       | 1010          | 1015        | 1021         | rVV      | 679605         | 914174        | 41.59%          | 5.273%        |
| 18        | 8.222       | 1021          | 1025        | 1028         | rVV      | 73516          | 107068        | 4.87%           | 0.618%        |
| 19        | 8.251       | 1028          | 1030        | 1037         | rVB7     | 20223          | 37488         | 1.71%           | 0.216%        |
| 20        | 8.369       | 1047          | 1050        | 1057         | rVB5     | 22671          | 41856         | 1.90%           | 0.241%        |
| 21        | 8.451       | 1058          | 1064        | 1070         | rBV6     | 37409          | 66633         | 3.03%           | 0.384%        |
| 22        | 8.581       | 1082          | 1086        | 1097         | rVB      | 82050          | 161895        | 7.37%           | 0.934%        |
| 23        | 8.704       | 1103          | 1107        | 1112         | rBV4     | 21855          | 39004         | 1.77%           | 0.225%        |
| 24        | 8.845       | 1128          | 1131        | 1135         | rVB2     | 31583          | 37789         | 1.72%           | 0.218%        |
| 25        | 9.039       | 1161          | 1164        | 1166         | rBV3     | 22233          | 30401         | 1.38%           | 0.175%        |
| 26        | 9.157       | 1180          | 1184        | 1185         | rBV4     | 25494          | 29662         | 1.35%           | 0.171%        |
| 27        | 9.181       | 1185          | 1188        | 1192         | rVB      | 89410          | 107406        | 4.89%           | 0.619%        |
| 28        | 9.239       | 1193          | 1198        | 1203         | rBV      | 1284628        | 1637702       | 74.51%          | 9.446%        |
| 29        | 9.322       | 1208          | 1212        | 1216         | rBV2     | 39640          | 58352         | 2.65%           | 0.337%        |
| 30        | 9.633       | 1261          | 1265        | 1273         | rVB3     | 116495         | 171421        | 7.80%           | 0.989%        |
| 31        | 9.786       | 1287          | 1291        | 1294         | rBV2     | 34737          | 47144         | 2.14%           | 0.272%        |
| 32        | 9.828       | 1295          | 1298        | 1302         | rVV3     | 28556          | 39942         | 1.82%           | 0.230%        |
| 33        | 9.922       | 1309          | 1314        | 1318         | rVB      | 625435         | 782062        | 35.58%          | 4.511%        |
| 34        | 10.175      | 1353          | 1357        | 1364         | rVB3     | 33293          | 56106         | 2.55%           | 0.324%        |
| 35        | 10.328      | 1380          | 1383        | 1388         | rBV6     | 23460          | 37972         | 1.73%           | 0.219%        |
| 36        | 10.569      | 1419          | 1424        | 1430         | rBV      | 85459          | 128980        | 5.87%           | 0.744%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 10.633 | 1430 | 1435 | 1440 | rVV  | 231372  | 296977  | 13.51% | 1.713% |
| 38 | 10.710 | 1443 | 1448 | 1459 | rVB  | 760211  | 999605  | 45.48% | 5.765% |
| 39 | 10.833 | 1465 | 1469 | 1476 | rVB  | 147179  | 212590  | 9.67%  | 1.226% |
| 40 | 10.945 | 1485 | 1488 | 1496 | rVB2 | 49428   | 68357   | 3.11%  | 0.394% |
| 41 | 11.304 | 1545 | 1549 | 1554 | rVB  | 82210   | 116311  | 5.29%  | 0.671% |
| 42 | 11.410 | 1562 | 1567 | 1575 | rBV  | 545839  | 771398  | 35.10% | 4.449% |
| 43 | 11.933 | 1652 | 1656 | 1663 | rBV2 | 134959  | 208444  | 9.48%  | 1.202% |
| 44 | 12.627 | 1772 | 1774 | 1778 | rVB  | 40606   | 42060   | 1.91%  | 0.243% |
| 45 | 12.857 | 1810 | 1813 | 1819 | rBV  | 68520   | 95733   | 4.36%  | 0.552% |
| 46 | 12.998 | 1832 | 1837 | 1845 | rVB  | 1059046 | 1367399 | 62.21% | 7.887% |
| 47 | 13.139 | 1858 | 1861 | 1865 | rBV  | 53438   | 60604   | 2.76%  | 0.350% |
| 48 | 13.910 | 1989 | 1992 | 2001 | rVB  | 96751   | 178559  | 8.12%  | 1.030% |
| 49 | 14.057 | 2013 | 2017 | 2026 | rVB  | 528368  | 797646  | 36.29% | 4.601% |
| 50 | 15.545 | 2265 | 2270 | 2283 | rVB  | 519855  | 870755  | 39.62% | 5.022% |

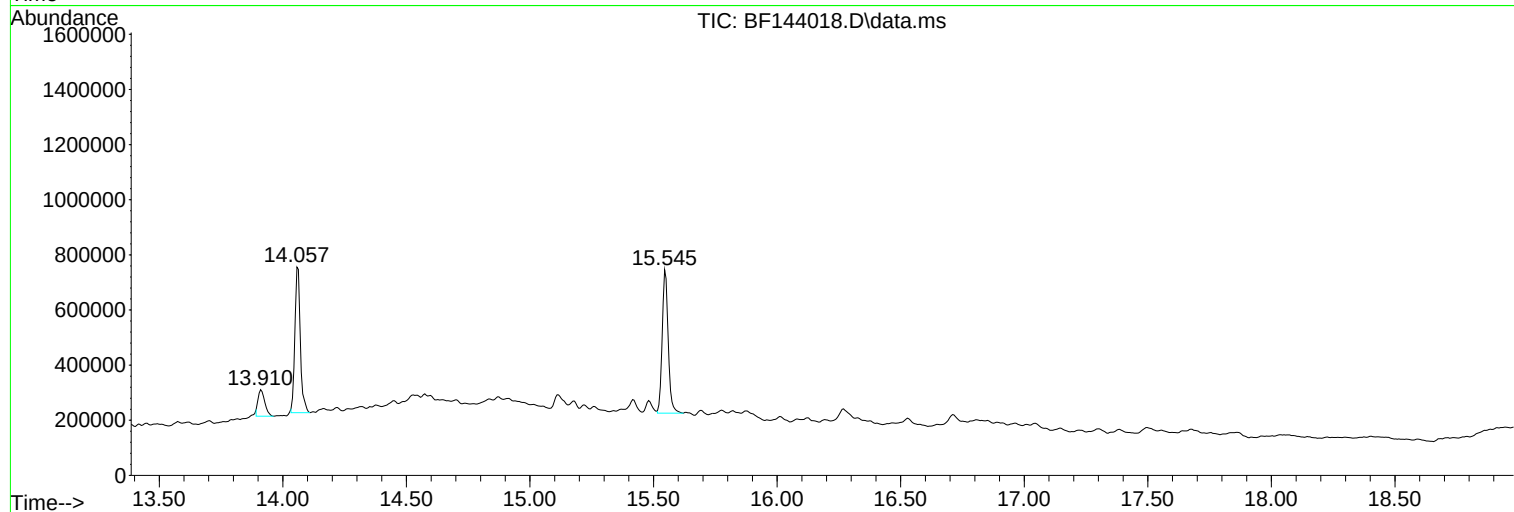
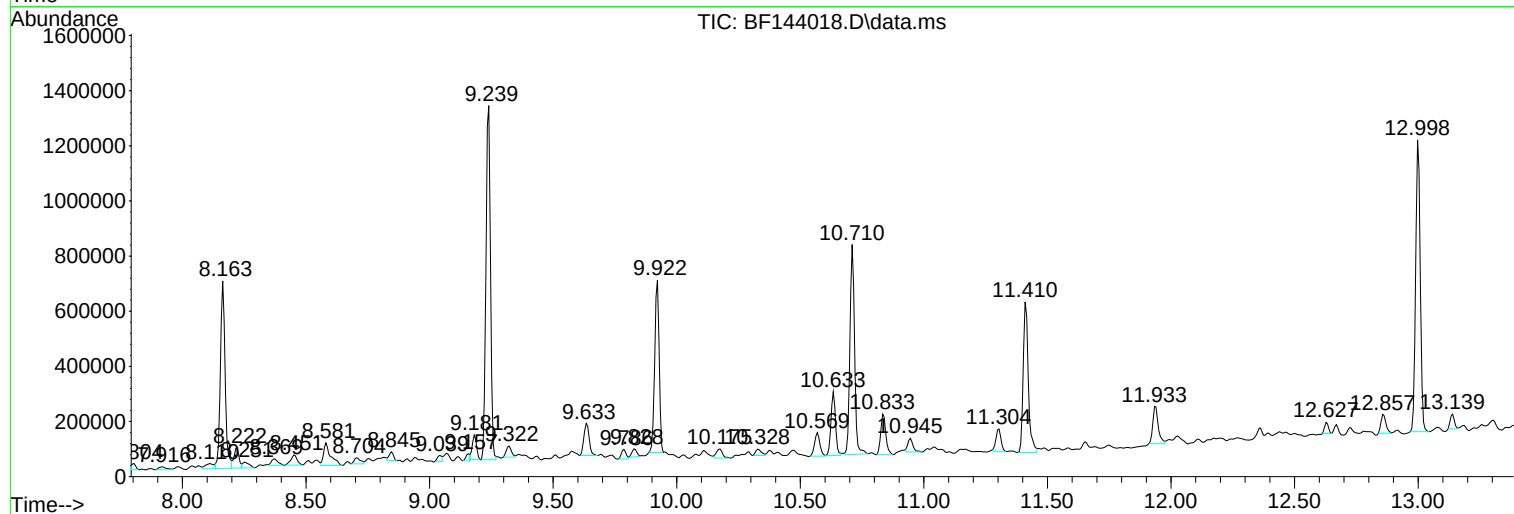
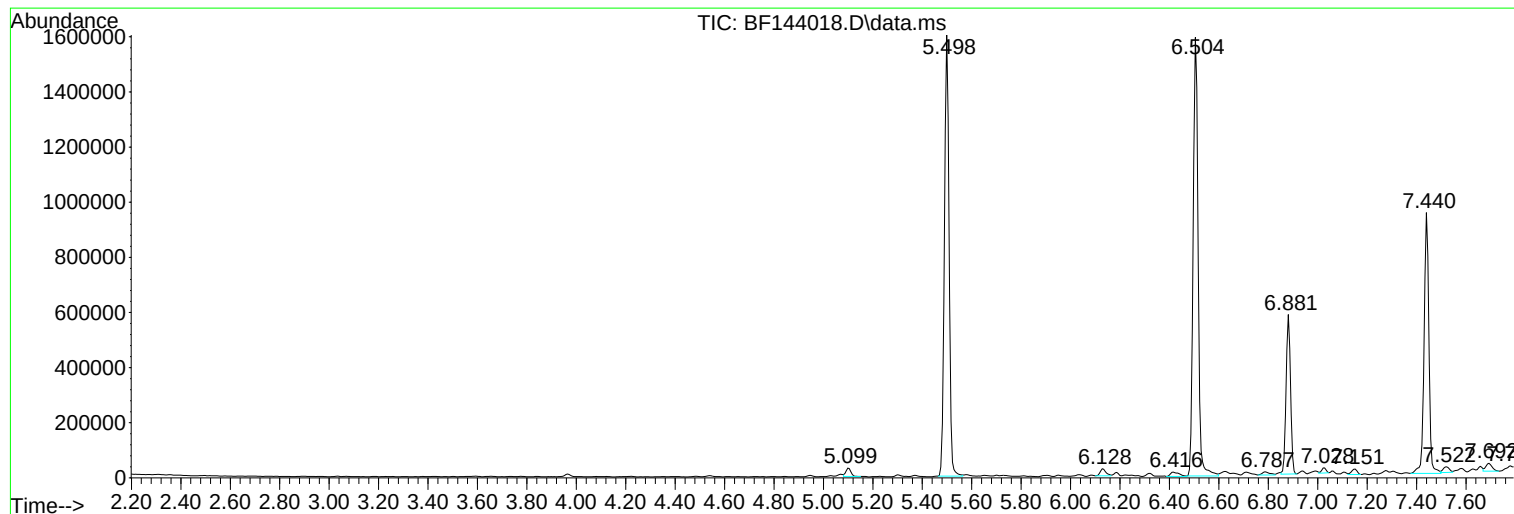
Sum of corrected areas: 17338023

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

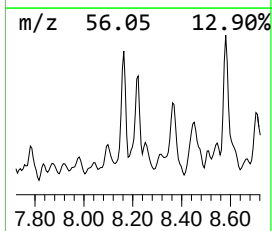
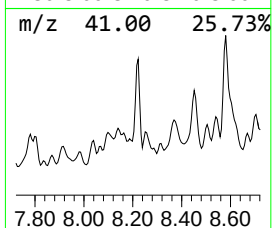
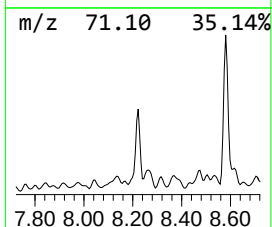
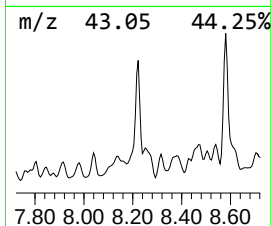
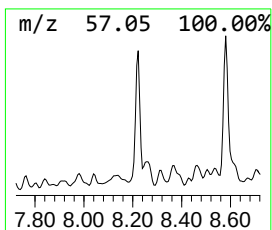
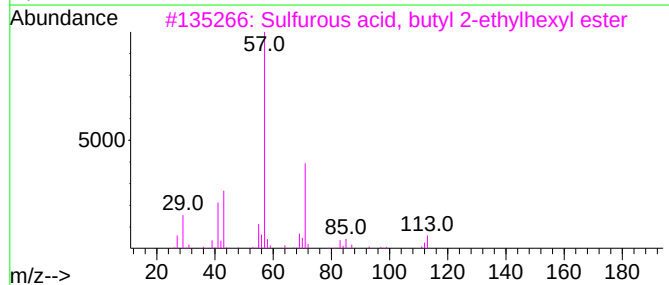
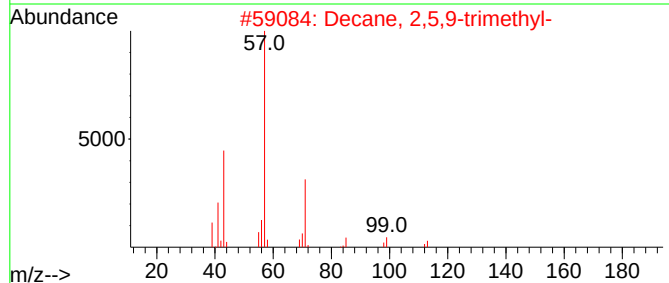
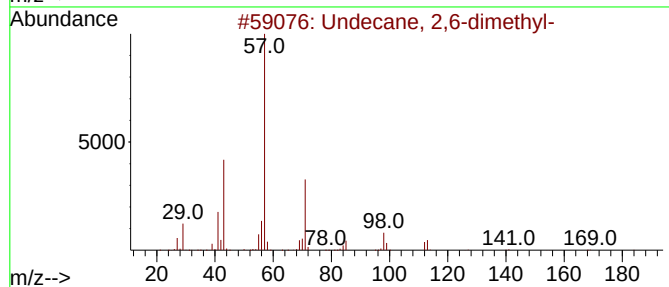
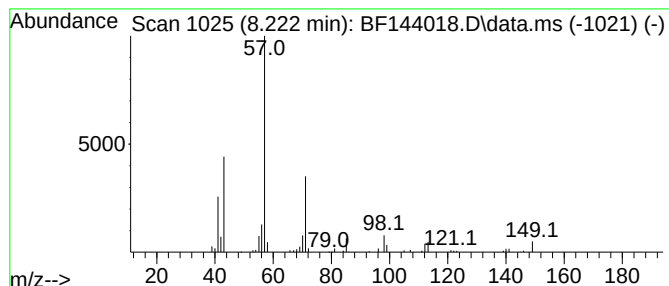
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.222 | 2.34 ng | 107068 | Naphthalene-d8   | 8.163 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 86   |
| 2    |    |   | Decane, 2,5,9-trimethyl-            | 184 | C13H28    | 062108-22-9  | 64   |
| 3    |    |   | Sulfurous acid, butyl 2-ethylhex... | 250 | C12H26O3S | 1000309-18-8 | 59   |
| 4    |    |   | Eicosyl octyl ether                 | 410 | C28H58O   | 1000406-38-8 | 53   |
| 5    |    |   | Docosyl octyl ether                 | 438 | C30H62O   | 1000406-38-9 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

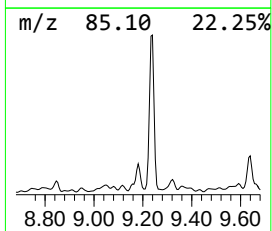
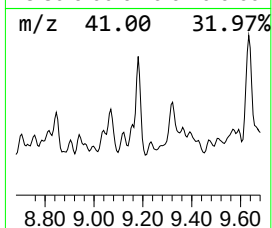
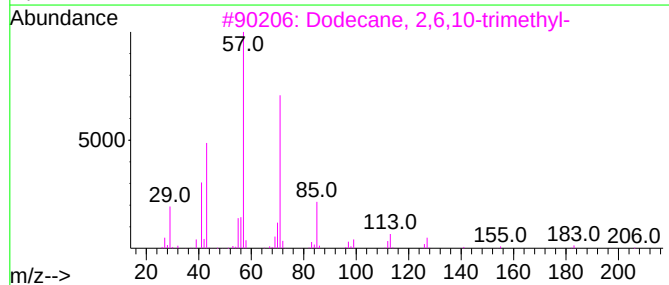
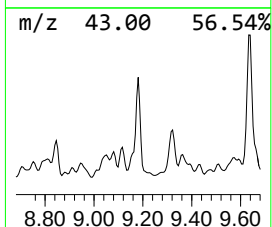
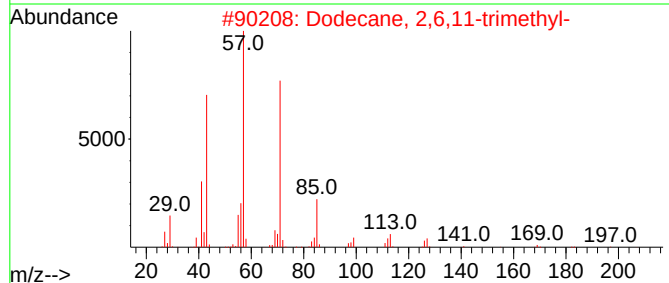
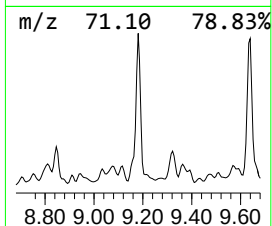
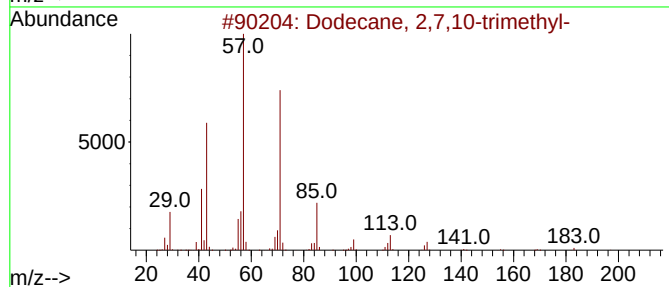
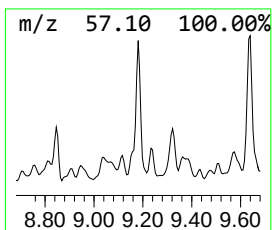
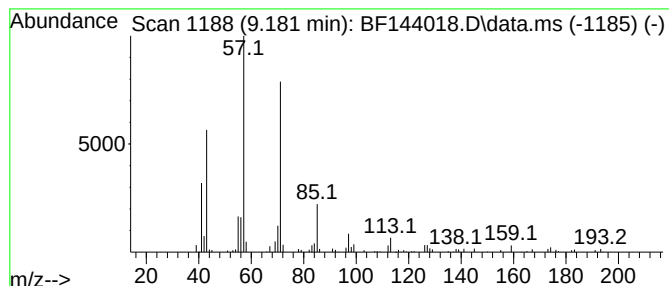
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.181 | 2.75 ng | 107406 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,7,10-trimethyl- | 212 | C15H32  | 074645-98-0 | 91   |
| 2    |    |   | Dodecane, 2,6,11-trimethyl- | 212 | C15H32  | 031295-56-4 | 90   |
| 3    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 90   |
| 4    |    |   | Undecane, 6-ethyl-          | 184 | C13H28  | 017312-60-6 | 83   |
| 5    |    |   | Tridecane, 4-methyl-        | 198 | C14H30  | 026730-12-1 | 78   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

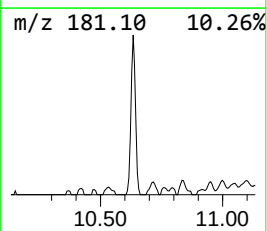
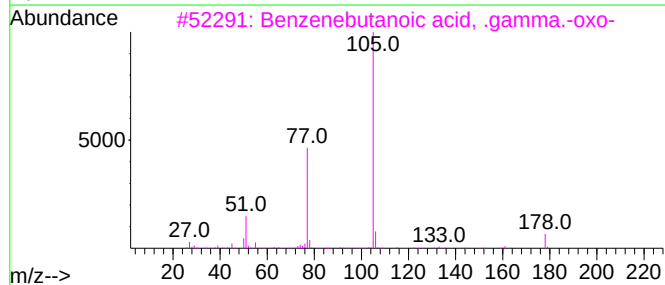
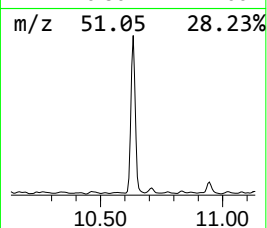
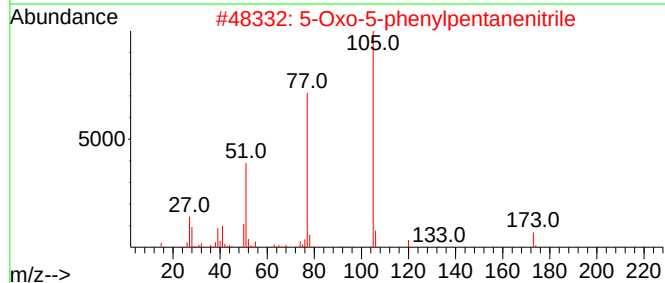
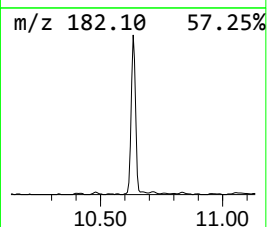
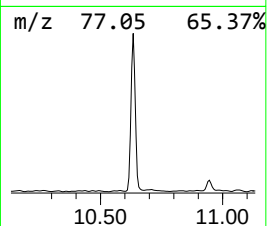
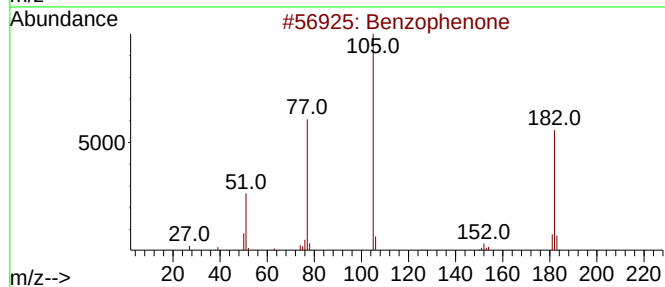
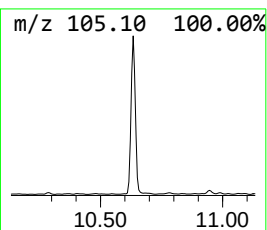
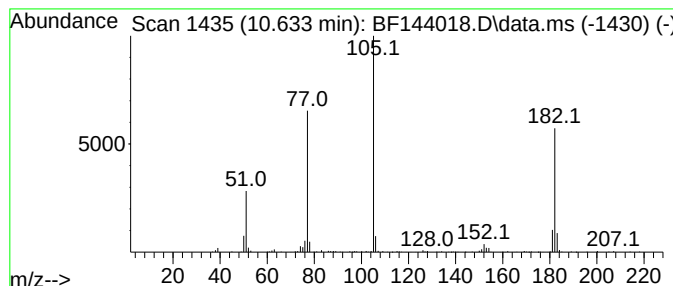
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.633 | 7.59 ng | 296977 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Benzophenone                       | 182 | C13H10O  | 000119-61-9  | 96   |
| 2    |    |   | 5-Oxo-5-phenylpentanenitrile       | 173 | C11H11NO | 1000486-83-7 | 47   |
| 3    |    |   | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8  | 47   |
| 4    |    |   | Methyl benzilate                   | 242 | C15H14O3 | 000076-89-1  | 47   |
| 5    |    |   | N-Methoxy-N-methylbenzamide        | 165 | C9H11NO2 | 006919-61-5  | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

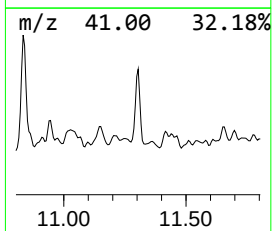
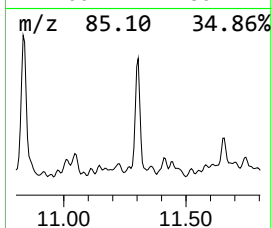
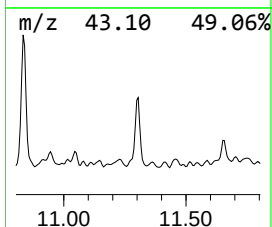
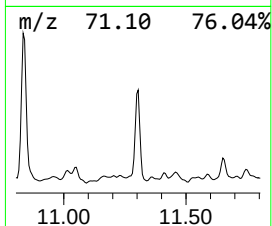
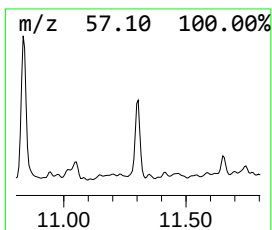
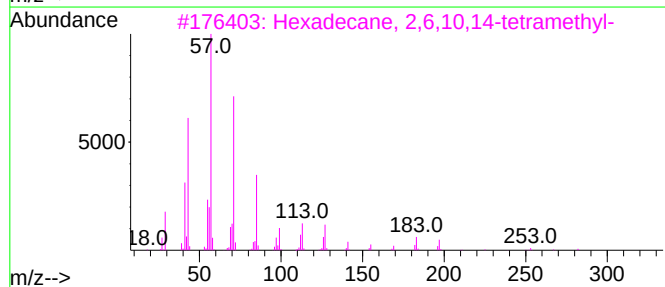
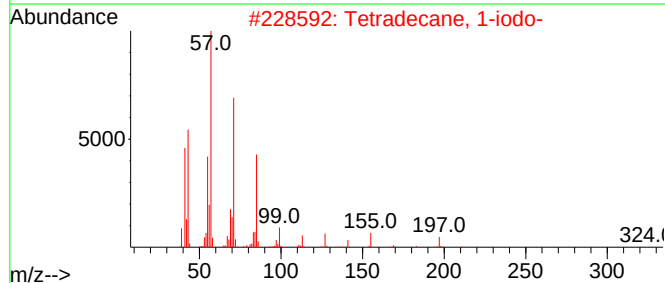
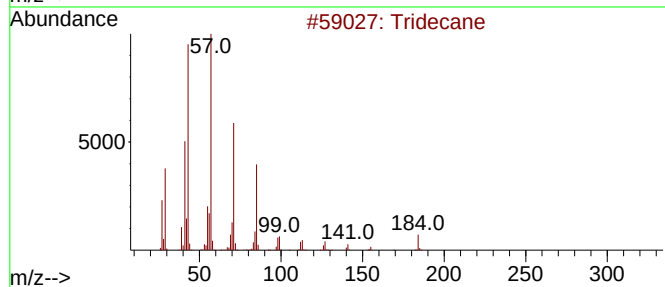
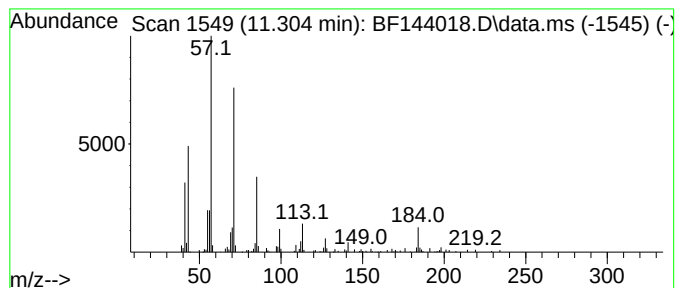
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 Tridecane Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.304 | 3.02 ng | 116311 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Tridecane                           | 184 | C13H28  | 000629-50-5  | 90   |
| 2    |    |   | Tetradecane, 1-iodo-                | 324 | C14H29I | 019218-94-1  | 80   |
| 3    |    |   | Hexadecane, 2,6,10,14-tetramethyl-  | 282 | C20H42  | 000638-36-8  | 78   |
| 4    |    |   | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32  | 074645-98-0  | 64   |
| 5    |    |   | 3-Methyl-4-(methoxycarbonyl)hexa... | 184 | C9H12O4 | 1010104-10-8 | 60   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

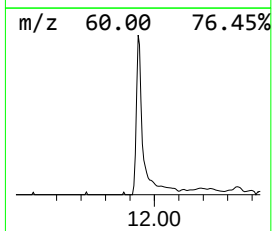
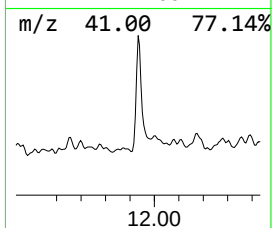
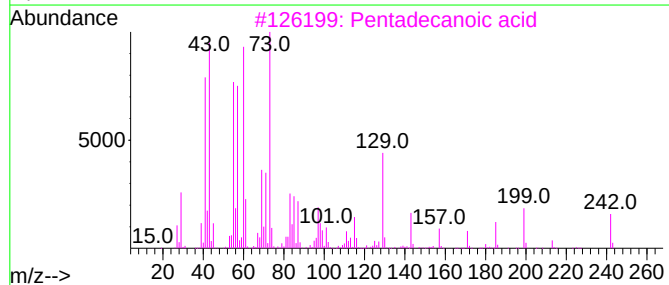
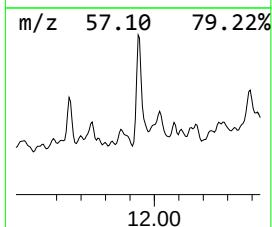
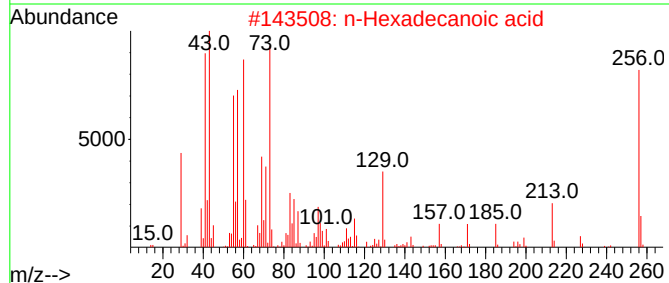
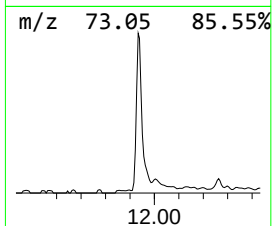
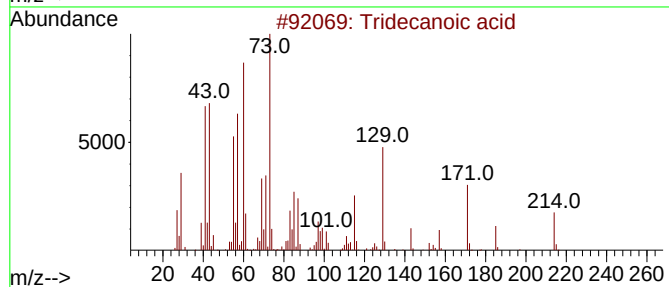
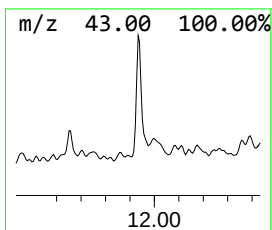
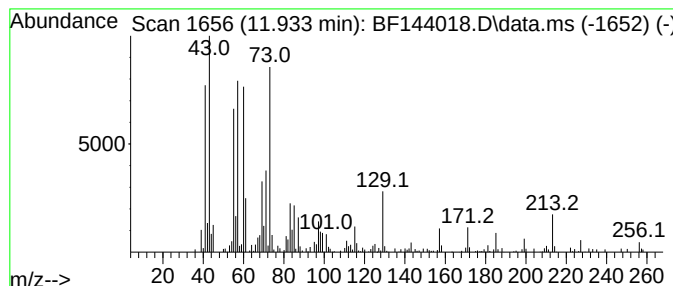
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Tridecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.933 | 5.40 ng | 208444 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

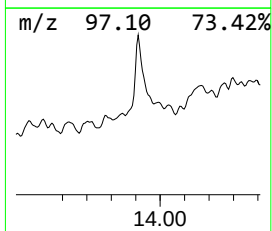
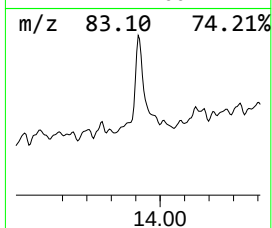
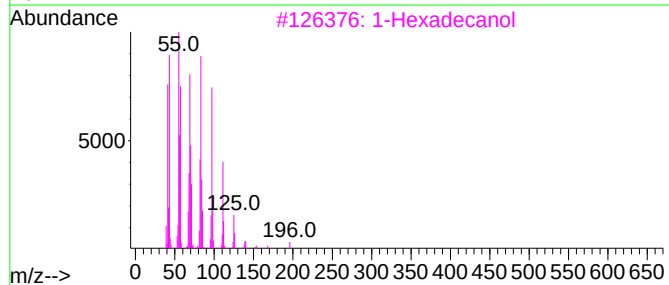
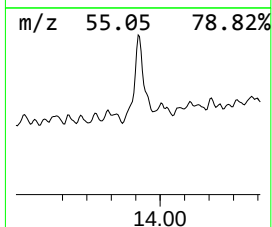
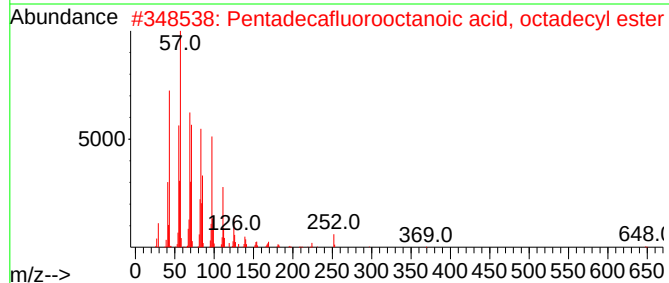
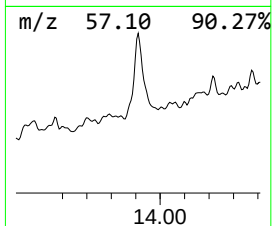
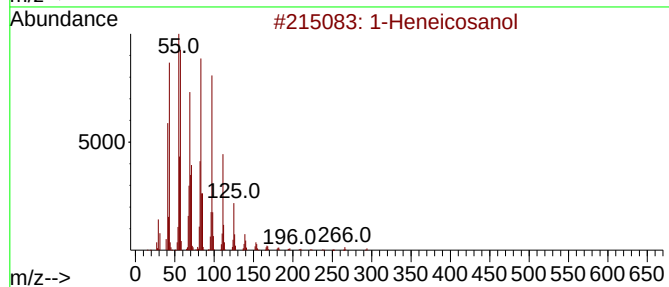
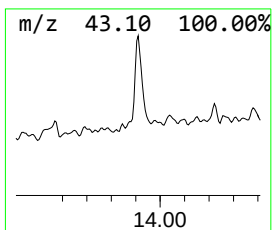
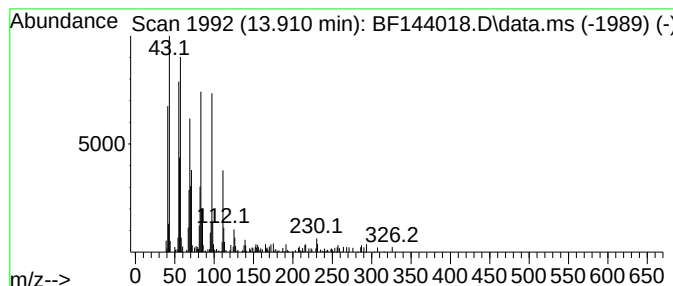
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 1-Heneicosanol Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.910 | 4.48 ng | 178559 | Chrysene-d12     | 14.063 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|------|-------------------------------------|-----|-------------|--------------|------|
| 1    |      | 1-Heneicosanol                      | 312 | C21H44O     | 015594-90-8  | 87   |
| 2    |      | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 83   |
| 3    |      | 1-Hexadecanol                       | 242 | C16H34O     | 036653-82-4  | 76   |
| 4    |      | Cycloeicosane                       | 280 | C20H40      | 000296-56-0  | 76   |
| 5    |      | 1-Octadecanol                       | 270 | C18H38O     | 000112-92-5  | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144018.D  
Acq On : 21 Oct 2025 18:01  
Operator : RC/JU  
Sample : Q3375-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-S02-010074-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Undecane, 2,6-d... | 8.222  | 2.3     | ng    | 107068   | 2                     | 8.163  | 914174 | 20.0 |
| Dodecane, 2,7,1... | 9.181  | 2.8     | ng    | 107406   | 3                     | 9.922  | 782062 | 20.0 |
| Benzophenone       | 10.633 | 7.6     | ng    | 296977   | 3                     | 9.922  | 782062 | 20.0 |
| Tridecane          | 11.304 | 3.0     | ng    | 116311   | 4                     | 11.410 | 771398 | 20.0 |
| Tridecanoic acid   | 11.933 | 5.4     | ng    | 208444   | 4                     | 11.410 | 771398 | 20.0 |
| 1-Heneicosanol     | 13.910 | 4.5     | ng    | 178559   | 5                     | 14.063 | 797646 | 20.0 |



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PR132-DP02-074099-20251016  
Lab Sample ID: Q3375-05  
Analytical Method: 8270E Level: LOW  
Sample Wt/Vol: 30.04 g Final Vol: 1000 uL  
Prep Method: SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
Date Received: 10/16/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 66.7  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 490   | U    | 1  | 230  | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 108-95-2       | Phenol                      | 250   | U    | 1  | 33.1 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 250   | U    | 1  | 36.4 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 250   | U    | 1  | 36.5 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 250   | U    | 1  | 44.8 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 250   | U    | 1  | 56.1 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 98-86-2        | Acetophenone                | 250   | U    | 1  | 44.2 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 490   | U    | 1  | 61.5 | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 120   | U    | 1  | 71.0 | 120        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 67-72-1        | Hexachloroethane            | 250   | U    | 1  | 26.4 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 98-95-3        | Nitrobenzene                | 250   | U    | 1  | 27.4 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 78-59-1        | Isophorone                  | 250   | U    | 1  | 49.1 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 250   | U    | 1  | 87.1 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 250   | U    | 1  | 97.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 250   | U    | 1  | 46.1 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 250   | U    | 1  | 42.4 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 91-20-3        | Naphthalene                 | 250   | U    | 1  | 34.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 250   | U    | 1  | 53.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 250   | U    | 1  | 37.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 105-60-2       | Caprolactam                 | 490   | U    | 1  | 78.0 | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 250   | U    | 1  | 43.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 250   | U    | 1  | 38.3 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 490   | U    | 1  | 170  | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 250   | U    | 1  | 29.6 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 250   | U    | 1  | 43.6 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 250   | U    | 1  | 32.6 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 250   | U    | 1  | 33.7 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 250   | U    | 1  | 72.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 250   | U    | 1  | 40.6 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 208-96-8       | Acenaphthylene              | 250   | U    | 1  | 43.3 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 250   | U    | 1  | 50.3 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 250   | U    | 1  | 68.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 83-32-9        | Acenaphthene                | 250   | U    | 1  | 31.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 490   | U    | 1  | 340  | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 490   | U    | 1  | 160  | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 132-64-9       | Dibenzofuran                | 250   | U    | 1  | 34.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 250   | U    | 1  | 75.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 84-66-2        | Diethylphthalate            | 250   | U    | 1  | 42.4 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 250   | U    | 1  | 40.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 86-73-7        | Fluorene                    | 250   | U    | 1  | 37.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 250   | U    | 1  | 96.1 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 490   | U    | 1  | 150  | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |

## Report of Analysis

Client: AECOM  
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
 Client Sample ID: PR132-DP02-074099-20251016  
 Lab Sample ID: Q3375-05  
 Analytical Method: 8270E Level : LOW  
 Sample Wt/Vol: 30.04 g Final Vol: 1000 uL  
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/16/25  
 Date Received: 10/16/25  
 SDG No.: Q3375  
 Matrix: SOIL  
 % Solid: 66.7  
 Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 250   | U    | 1  | 49.3 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 250   | U    | 1  | 41.6 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 250   | U    | 1  | 37.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 1912-24-9  | Atrazine                   | 250   | U    | 1  | 50.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 490   | U    | 1  | 76.8 | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 85-01-8    | Phenanthrene               | 99.8  | J    | 1  | 31.3 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 120-12-7   | Anthracene                 | 250   | U    | 1  | 49.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 86-74-8    | Carbazole                  | 250   | U    | 1  | 46.7 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 250   | U    | 1  | 71.7 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 206-44-0   | Fluoranthene               | 160   | J    | 1  | 44.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 129-00-0   | Pyrene                     | 250   | U    | 1  | 53.9 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 250   | U    | 1  | 110  | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 490   | U    | 1  | 54.9 | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 250   | U    | 1  | 34.4 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 218-01-9   | Chrysene                   | 250   | U    | 1  | 29.8 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 130   | J    | 1  | 88.6 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 490   | U    | 1  | 130  | 490        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 250   | U    | 1  | 28.4 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 250   | U    | 1  | 33.5 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 250   | U    | 1  | 44.2 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 250   | U    | 1  | 43.6 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 250   | U    | 1  | 41.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 250   | U    | 1  | 38.5 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 250   | U    | 1  | 38.3 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 250   | U    | 1  | 67.7 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 250   | U    | 1  | 41.0 | 250        | ug/Kg | 10/21/25 18:30 | PB170165     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 82.9 |  | 18 - 112 | 55% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 78.6 |  | 15 - 107 | 52% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 57.5 |  | 18 - 107 | 57% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 50.3 |  | 20 - 109 | 50% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 70.8 |  | 10 - 116 | 47% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 35.0 |  | 10 - 105 | 35% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 117000 |
| 1146-65-2  | Naphthalene-d8         | 418000 |
| 15067-26-2 | Acenaphthene-d10       | 205000 |
| 1517-22-2  | Phenanthrene-d10       | 300000 |
| 1719-03-5  | Chrysene-d12           | 263000 |
| 1520-96-3  | Perylene-d12           | 321000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                     |     |   |      |       |
|-------------|---------------------|-----|---|------|-------|
| 000119-61-9 | Benzophenone        | 300 | J | 10.6 | ug/Kg |
| 000057-10-3 | n-Hexadecanoic acid | 280 | J | 11.9 | ug/Kg |



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

## Report of Analysis

|                    |                                                  |                     |                 |                  |
|--------------------|--------------------------------------------------|---------------------|-----------------|------------------|
| Client:            | AECOM                                            |                     | Date Collected: | 10/16/25         |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |                     | Date Received:  | 10/16/25         |
| Client Sample ID:  | PR132-DP02-074099-20251016                       |                     | SDG No.:        | Q3375            |
| Lab Sample ID:     | Q3375-05                                         |                     | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | Level : LOW         | % Solid:        | 66.7             |
| Sample Wt/Vol:     | 30.04 g                                          | Final Vol: 1000 uL  | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                                           | Prep Date: 10/20/25 |                 |                  |

| CAS Number  | Parameter        | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|-------------|------------------|-------|------|----|-----|------------|-------|-----------|--------------|
| 000295-48-7 | Cyclopentadecane | 150   | J    |    |     | 13.9       | ug/Kg |           |              |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144019.D  
Acq On : 21 Oct 2025 18:30  
Operator : RC/JU  
Sample : Q3375-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

Quant Time: Oct 21 18:59:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

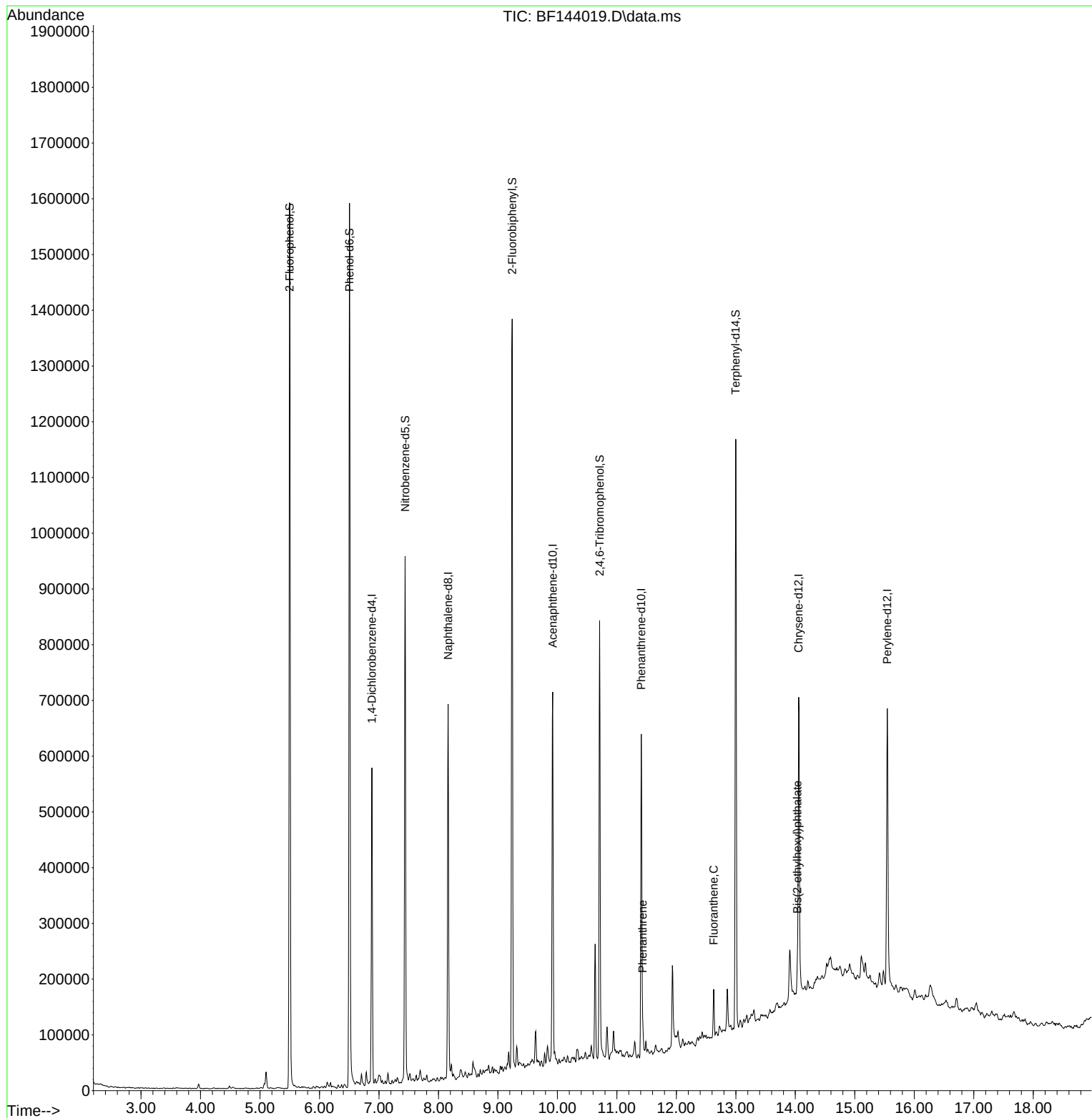
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 116635   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 418260   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 205210   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 299829   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 262654   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 15.545 | 264  | 320945   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 608900   | 82.902 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 688308   | 78.621 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 395841   | 57.498 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 144750   | 70.819 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 649886   | 50.251 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 537489   | 34.974 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene              | 11.433 | 178  | 29105    | 2.002  | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 48071    | 3.202  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 22323    | 2.604  | ng    | 97       |
| -----                         |        |      |          |        |       |          |

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

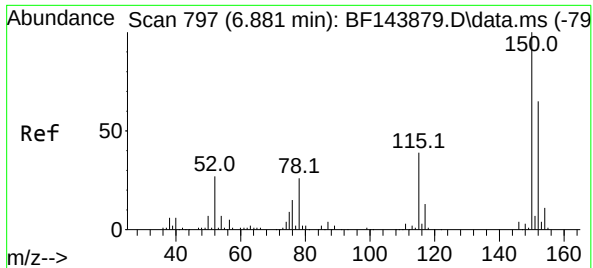
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Data File : BF144019.D  
Acq On : 21 Oct 2025 18:30  
Operator : RC/JU  
Sample : Q3375-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

Quant Time: Oct 21 18:59:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



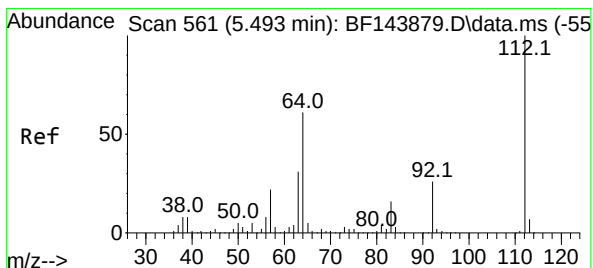
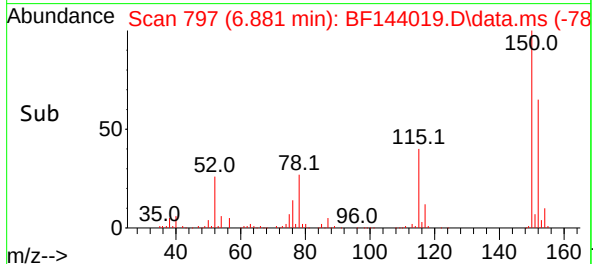
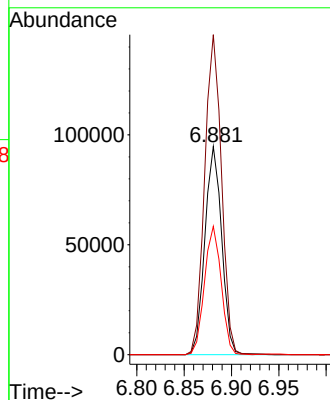
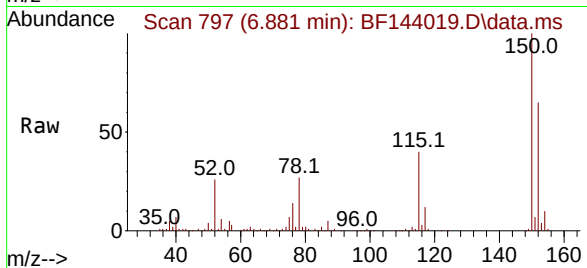




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144019.D  
Acq: 21 Oct 2025 18:30

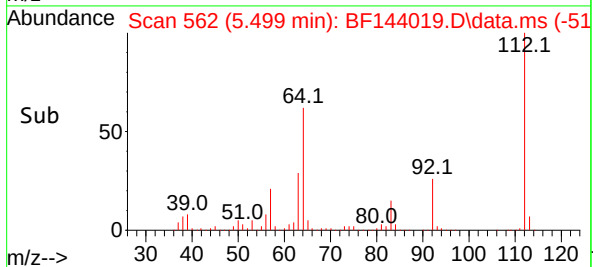
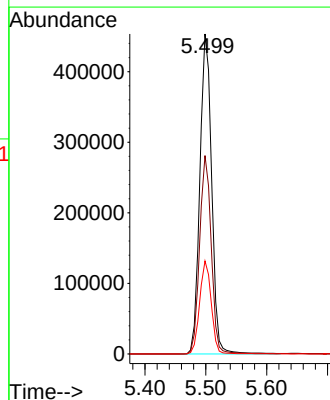
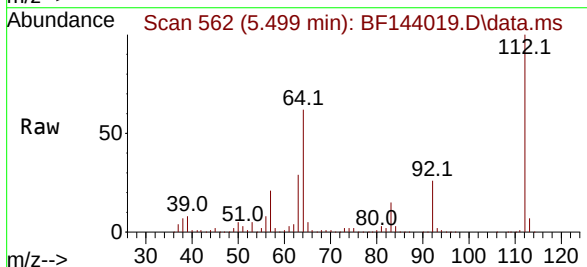
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

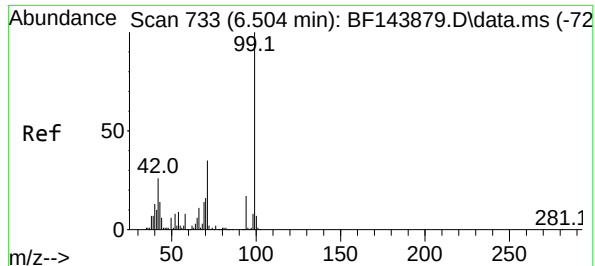
Tgt Ion:152 Resp: 116635  
Ion Ratio Lower Upper  
152 100  
150 153.8 124.4 186.6  
115 61.6 48.1 72.1



#5  
2-Fluorophenol  
Concen: 82.902 ng  
RT: 5.499 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BF144019.D  
Acq: 21 Oct 2025 18:30

Tgt Ion:112 Resp: 608900  
Ion Ratio Lower Upper  
112 100  
64 62.0 49.1 73.7  
63 29.1 24.5 36.7

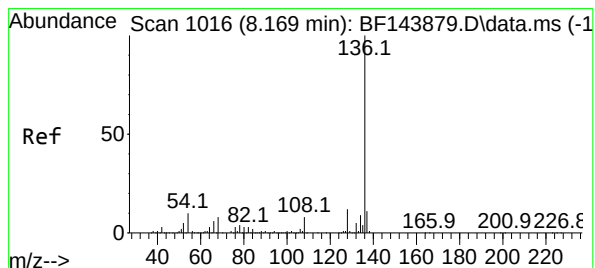
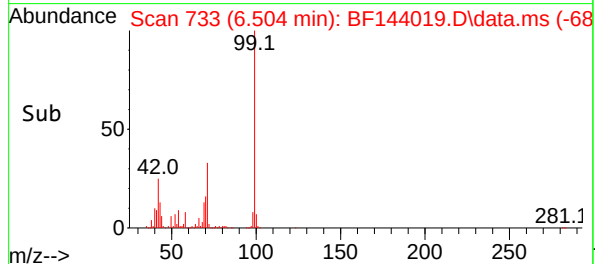
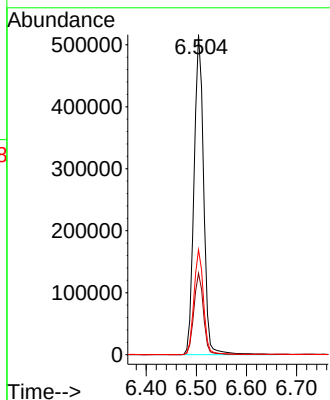
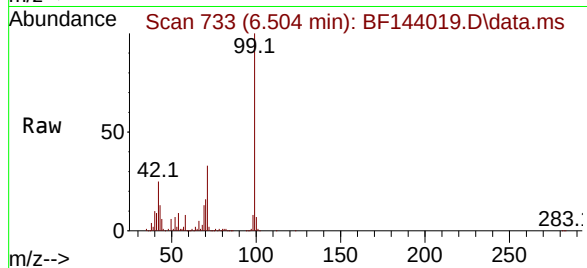




#7  
Phenol-d6  
Concen: 78.621 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF144019.D  
Acq: 21 Oct 2025 18:30

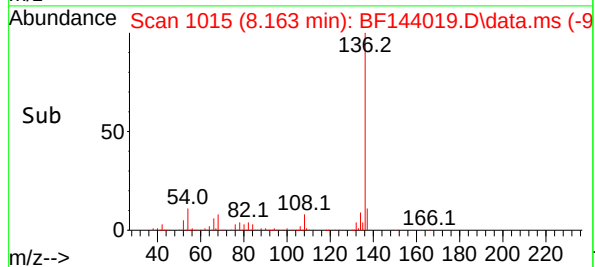
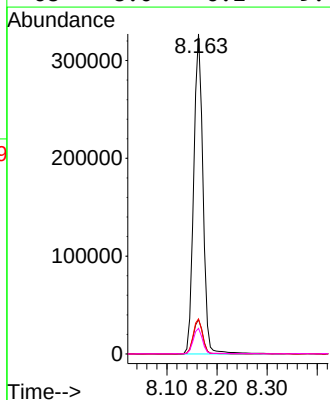
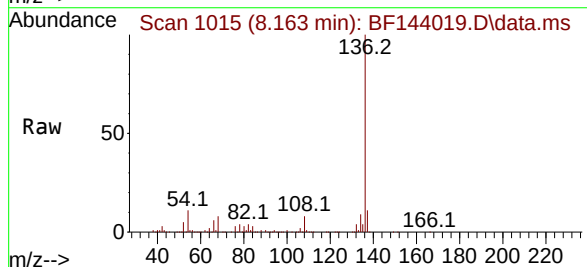
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

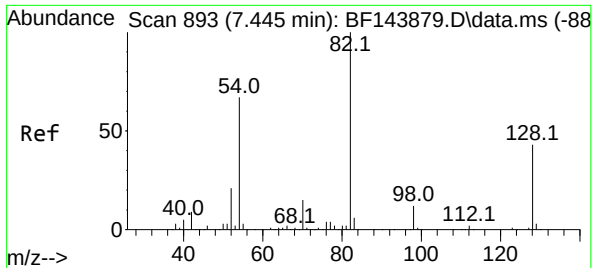
| Tgt Ion: | 99   | Ratio | 100  | Lower | Upper |
|----------|------|-------|------|-------|-------|
| 99       | 100  |       |      |       |       |
| 42       | 25.4 |       | 21.0 | 31.4  |       |
| 71       | 32.8 |       | 27.8 | 41.8  |       |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BF144019.D  
Acq: 21 Oct 2025 18:30

| Tgt Ion: | 136  | Ratio | 100 | Lower | Upper |
|----------|------|-------|-----|-------|-------|
| 136      | 100  |       |     |       |       |
| 137      | 10.8 |       | 8.5 | 12.7  |       |
| 54       | 11.0 |       | 8.2 | 12.4  |       |
| 68       | 8.0  |       | 6.2 | 9.4   |       |





#23

Nitrobenzene-d5

Concen: 57.498 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF144019.D

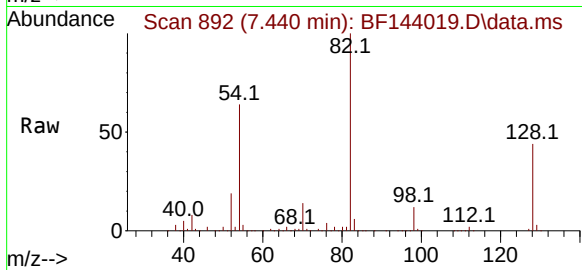
Acq: 21 Oct 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

PR132-DP02-074099-20251016



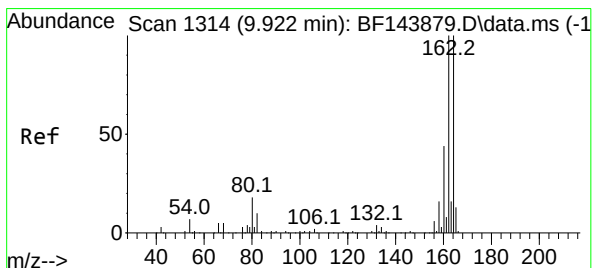
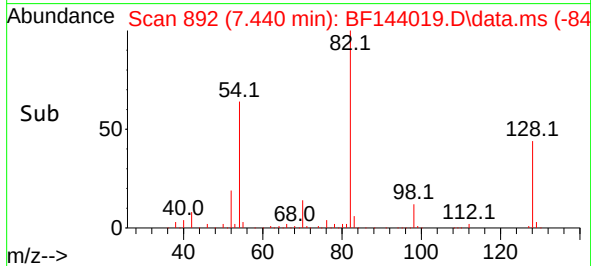
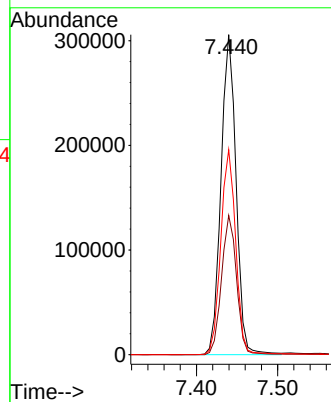
Tgt Ion: 82 Resp: 395841

Ion Ratio Lower Upper

82 100

128 43.5 34.0 51.0

54 64.1 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

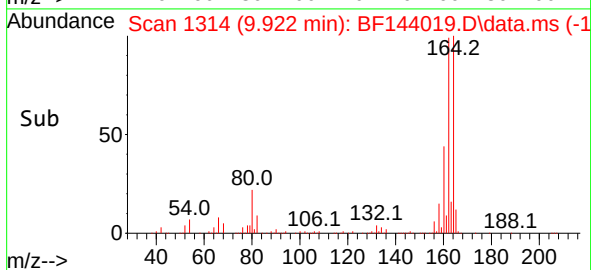
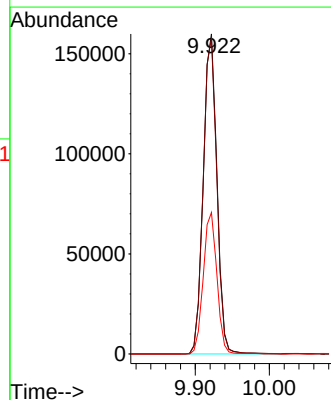
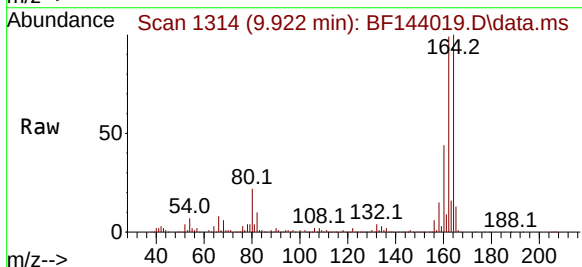
Tgt Ion: 164 Resp: 205210

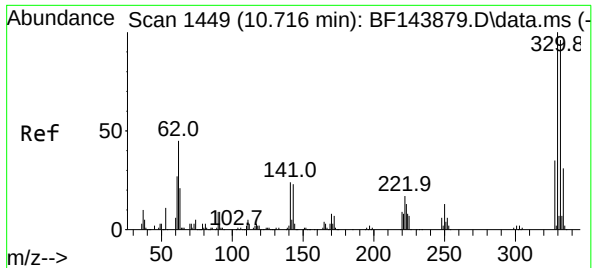
Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.2

160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 70.819 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF144019.D

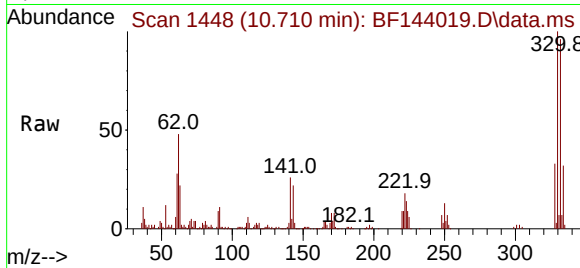
Acq: 21 Oct 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

PR132-DP02-074099-20251016



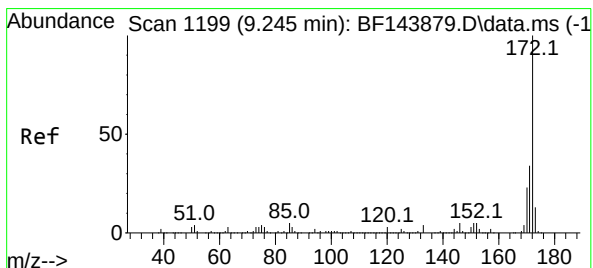
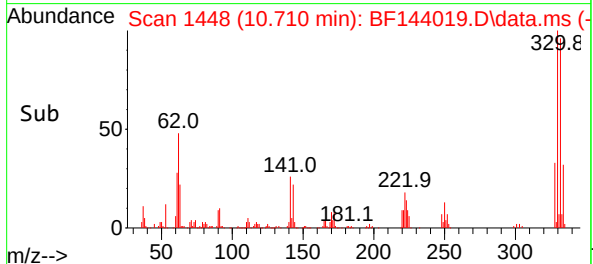
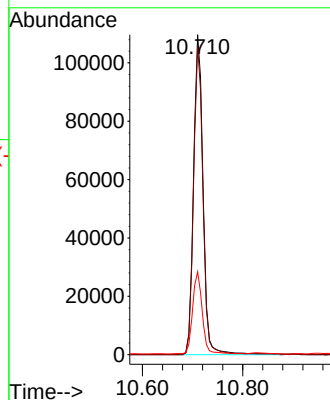
Tgt Ion:330 Resp: 144750

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

141 26.0 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 50.251 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144019.D

Acq: 21 Oct 2025 18:30

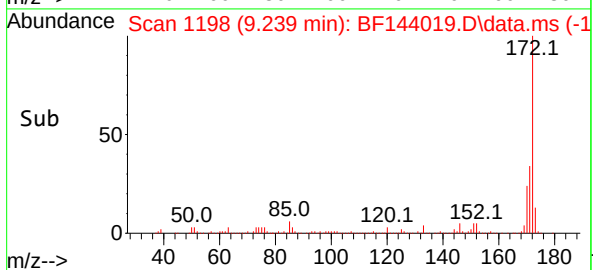
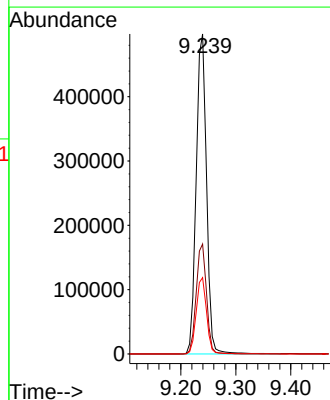
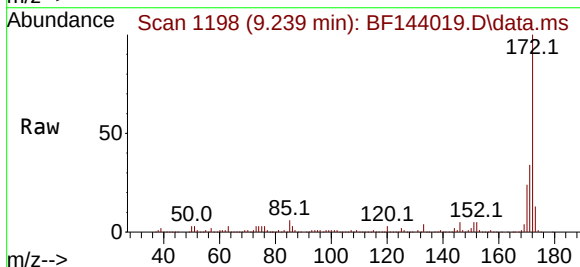
Tgt Ion:172 Resp: 649886

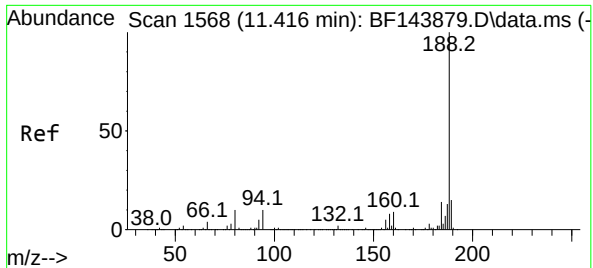
Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 23.9 18.6 28.0

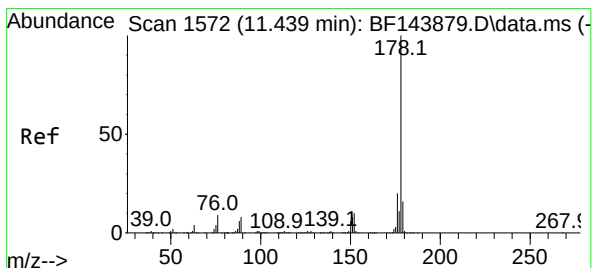
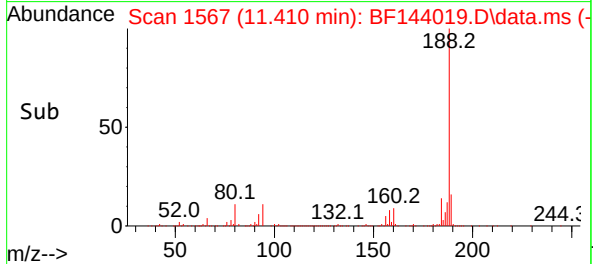
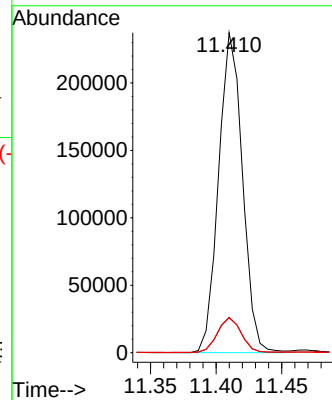
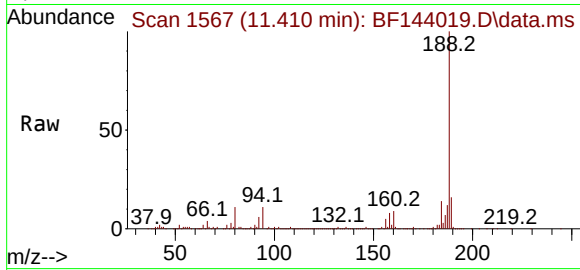




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144019.D  
Acq: 21 Oct 2025 18:30

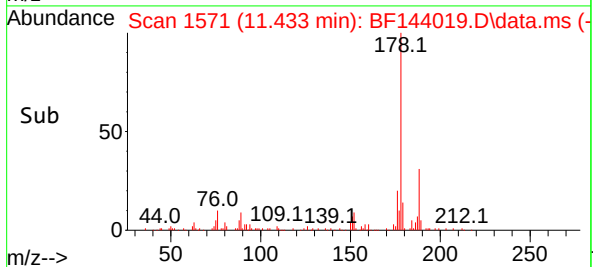
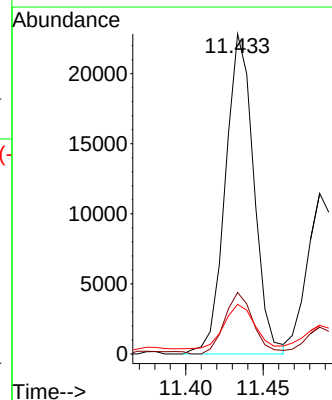
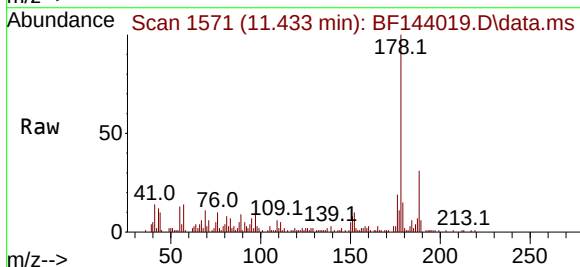
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

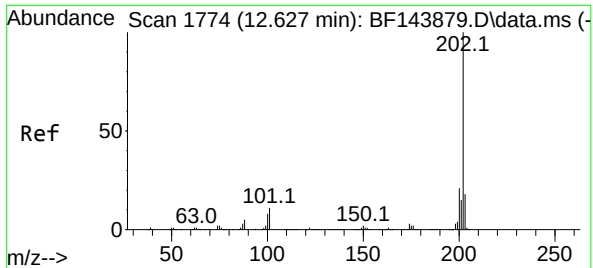
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Ion Ratio Lower Upper  
188 100  
94 11.0 7.8 11.6  
80 10.9 7.9 11.9



#71  
Phenanthrene  
Concen: 2.002 ng  
RT: 11.433 min Scan# 1571  
Delta R.T. -0.012 min  
Lab File: BF144019.D  
Acq: 21 Oct 2025 18:30

Tgt Ion:178 Resp: 29105  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.9 23.9  
179 15.5 12.4 18.6

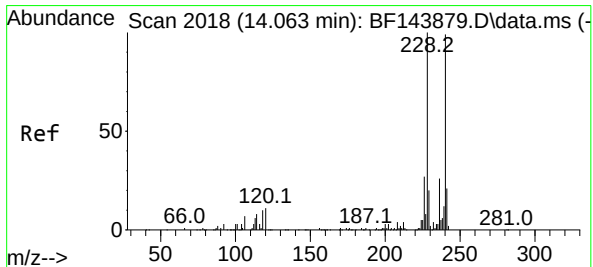
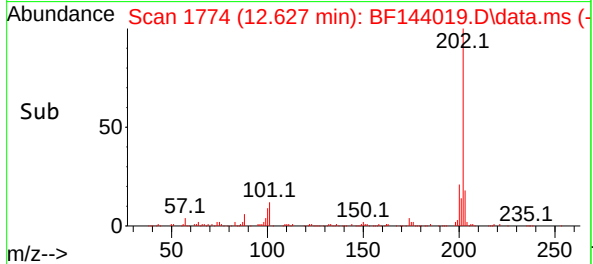
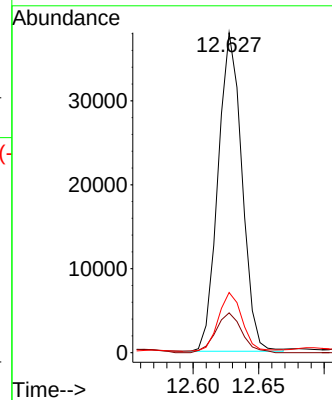
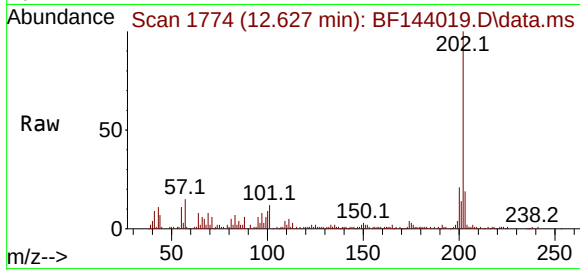




#75  
Fluoranthene  
Concen: 3.202 ng  
RT: 12.627 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF144019.D  
Acq: 21 Oct 2025 18:30

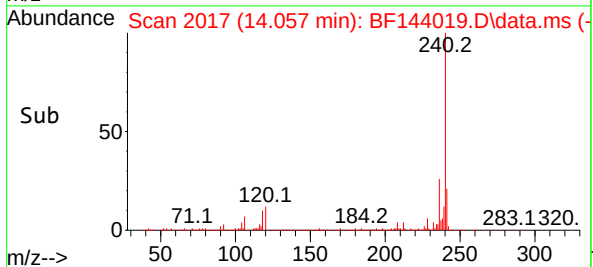
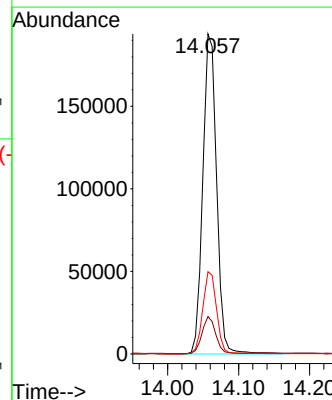
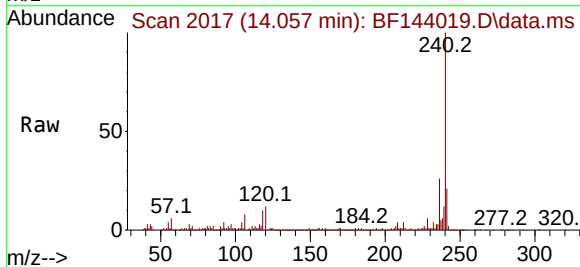
Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

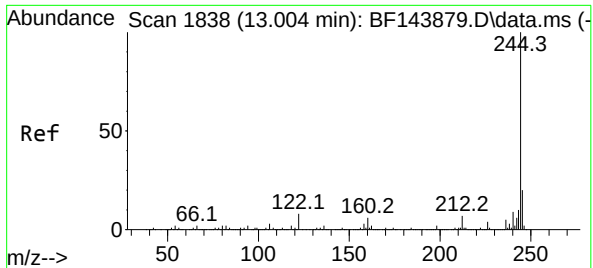
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.5  | 0.0   | 30.7  |
| 203     | 18.8  | 0.0   | 37.8  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. -0.011 min  
Lab File: BF144019.D  
Acq: 21 Oct 2025 18:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.7  | 8.6   | 13.0  |
| 236     | 25.7  | 21.1  | 31.7  |

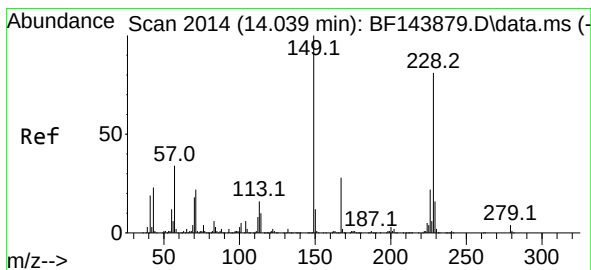
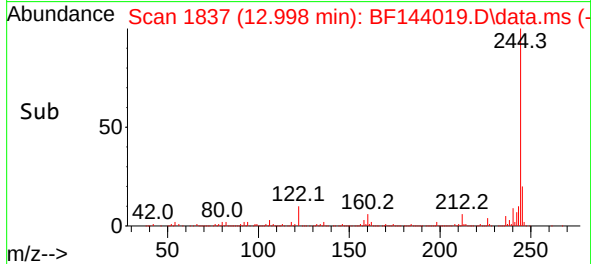
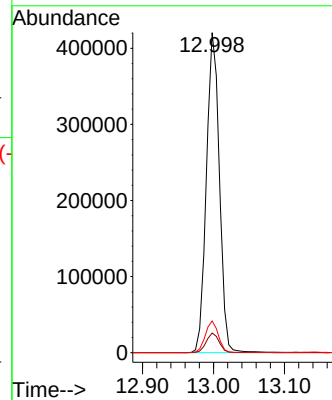
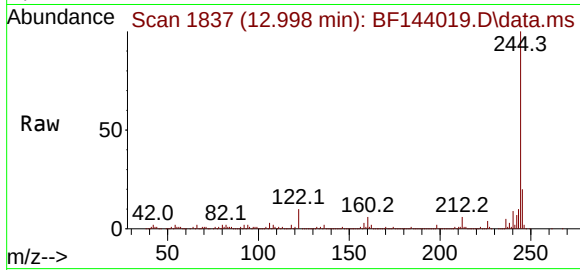




#79  
 Terphenyl-d14  
 Concen: 34.974 ng  
 RT: 12.998 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF144019.D  
 Acq: 21 Oct 2025 18:30

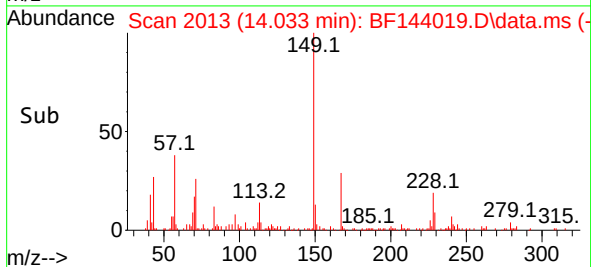
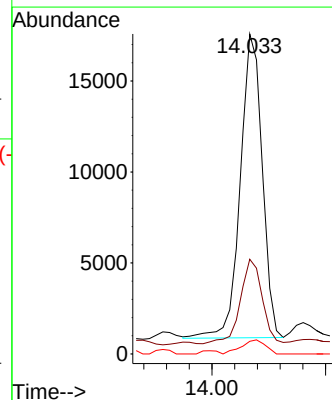
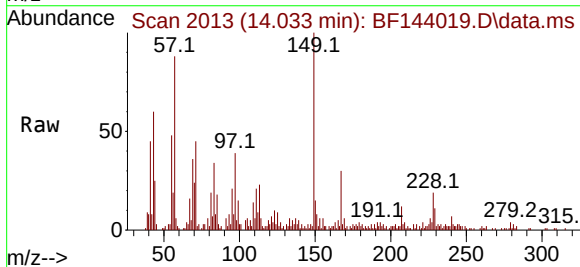
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-DP02-074099-20251016

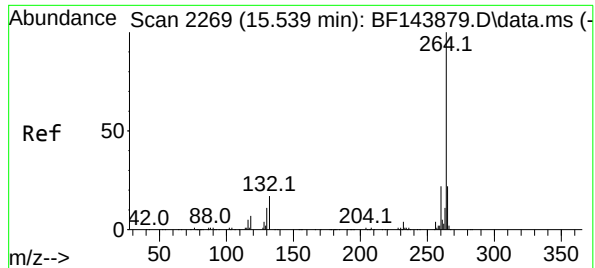
Tgt Ion:244 Resp: 537489  
 Ion Ratio Lower Upper  
 244 100  
 212 6.1 5.4 8.0  
 122 9.9 6.4 9.6#



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.604 ng  
 RT: 14.033 min Scan# 2013  
 Delta R.T. -0.006 min  
 Lab File: BF144019.D  
 Acq: 21 Oct 2025 18:30

Tgt Ion:149 Resp: 22323  
 Ion Ratio Lower Upper  
 149 100  
 167 29.6 22.2 33.4  
 279 3.9 3.1 4.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144019.D

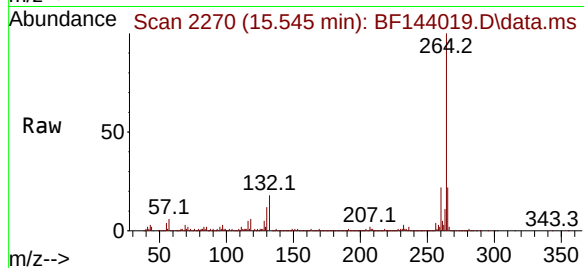
Acq: 21 Oct 2025 18:30

Instrument :

BNA\_F

ClientSampleId :

PR132-DP02-074099-20251016



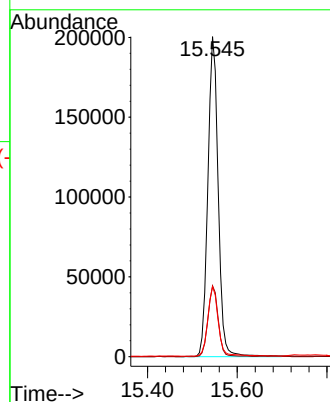
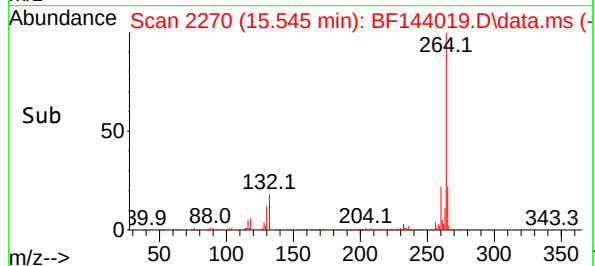
Tgt Ion:264 Resp: 320945

Ion Ratio Lower Upper

264 100

260 22.2 17.8 26.8

265 21.9 17.5 26.3





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144019.D  
 Acq On : 21 Oct 2025 18:30  
 Operator : RC/JU  
 Sample : Q3375-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PR132-DP02-074099-20251016

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144019.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.104       | 491           | 495         | 504          | rVB      | 29156          | 44965         | 2.09%           | 0.277%        |
| 2         | 5.499       | 556           | 562         | 574          | rBV      | 1588880        | 2105148       | 97.65%          | 12.951%       |
| 3         | 6.504       | 727           | 733         | 749          | rBV      | 1586494        | 2155900       | 100.00%         | 13.263%       |
| 4         | 6.704       | 763           | 767         | 776          | rVB      | 20644          | 33841         | 1.57%           | 0.208%        |
| 5         | 6.787       | 776           | 781         | 788          | rBV2     | 24374          | 42506         | 1.97%           | 0.261%        |
| 6         | 6.881       | 792           | 797         | 803          | rVB      | 565919         | 705155        | 32.71%          | 4.338%        |
| 7         | 6.998       | 809           | 817         | 820          | rBV4     | 14119          | 31043         | 1.44%           | 0.191%        |
| 8         | 7.151       | 838           | 843         | 848          | rBV      | 18714          | 25714         | 1.19%           | 0.158%        |
| 9         | 7.440       | 881           | 892         | 901          | rBV      | 944670         | 1251232       | 58.04%          | 7.697%        |
| 10        | 7.693       | 931           | 935         | 942          | rVB4     | 18781          | 33022         | 1.53%           | 0.203%        |
| 11        | 8.163       | 1009          | 1015        | 1021         | rBV      | 671273         | 864491        | 40.10%          | 5.318%        |
| 12        | 8.216       | 1021          | 1024        | 1028         | rVB      | 20967          | 27011         | 1.25%           | 0.166%        |
| 13        | 8.375       | 1047          | 1051        | 1058         | rVB4     | 13422          | 27041         | 1.25%           | 0.166%        |
| 14        | 8.581       | 1082          | 1086        | 1089         | rBV      | 22916          | 31896         | 1.48%           | 0.196%        |
| 15        | 9.181       | 1185          | 1188        | 1192         | rVB      | 29014          | 34751         | 1.61%           | 0.214%        |
| 16        | 9.239       | 1192          | 1198        | 1207         | rBV      | 1344027        | 1755816       | 81.44%          | 10.802%       |
| 17        | 9.316       | 1207          | 1211        | 1216         | rBV3     | 36707          | 51773         | 2.40%           | 0.319%        |
| 18        | 9.634       | 1260          | 1265        | 1269         | rBV2     | 56742          | 83988         | 3.90%           | 0.517%        |
| 19        | 9.787       | 1287          | 1291        | 1294         | rBV4     | 23494          | 32917         | 1.53%           | 0.203%        |
| 20        | 9.834       | 1295          | 1299        | 1306         | rVV3     | 29901          | 52640         | 2.44%           | 0.324%        |
| 21        | 9.922       | 1308          | 1314        | 1318         | rBV      | 656607         | 846328        | 39.26%          | 5.207%        |
| 22        | 10.334      | 1380          | 1384        | 1389         | rBV3     | 22604          | 48319         | 2.24%           | 0.297%        |
| 23        | 10.569      | 1421          | 1424        | 1430         | rVB2     | 22820          | 35373         | 1.64%           | 0.218%        |
| 24        | 10.634      | 1430          | 1435        | 1442         | rVV      | 205738         | 256718        | 11.91%          | 1.579%        |
| 25        | 10.710      | 1443          | 1448        | 1463         | rVV      | 786106         | 1049940       | 48.70%          | 6.459%        |
| 26        | 10.833      | 1465          | 1469        | 1476         | rVB2     | 58300          | 94748         | 4.39%           | 0.583%        |
| 27        | 10.945      | 1484          | 1488        | 1492         | rBV      | 37288          | 46877         | 2.17%           | 0.288%        |
| 28        | 11.298      | 1546          | 1548        | 1555         | rVB3     | 29475          | 41613         | 1.93%           | 0.256%        |
| 29        | 11.410      | 1562          | 1567        | 1577         | rBV      | 581068         | 827955        | 38.40%          | 5.093%        |
| 30        | 11.933      | 1652          | 1656        | 1664         | rBV      | 143338         | 234483        | 10.88%          | 1.443%        |
| 31        | 12.627      | 1770          | 1774        | 1778         | rBV      | 84996          | 107457        | 4.98%           | 0.661%        |
| 32        | 12.857      | 1809          | 1813        | 1818         | rBV      | 68317          | 91716         | 4.25%           | 0.564%        |
| 33        | 12.998      | 1832          | 1837        | 1845         | rBV      | 1057750        | 1362668       | 63.21%          | 8.383%        |
| 34        | 13.904      | 1988          | 1991        | 1999         | rBV2     | 74874          | 131918        | 6.12%           | 0.812%        |
| 35        | 14.057      | 2010          | 2017        | 2030         | rBV      | 531513         | 865905        | 40.16%          | 5.327%        |
| 36        | 15.545      | 2265          | 2270        | 2284         | rVB      | 497951         | 822329        | 38.14%          | 5.059%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144019.D  
Acq On : 21 Oct 2025 18:30  
Operator : RC/JU  
Sample : Q3375-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

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

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

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

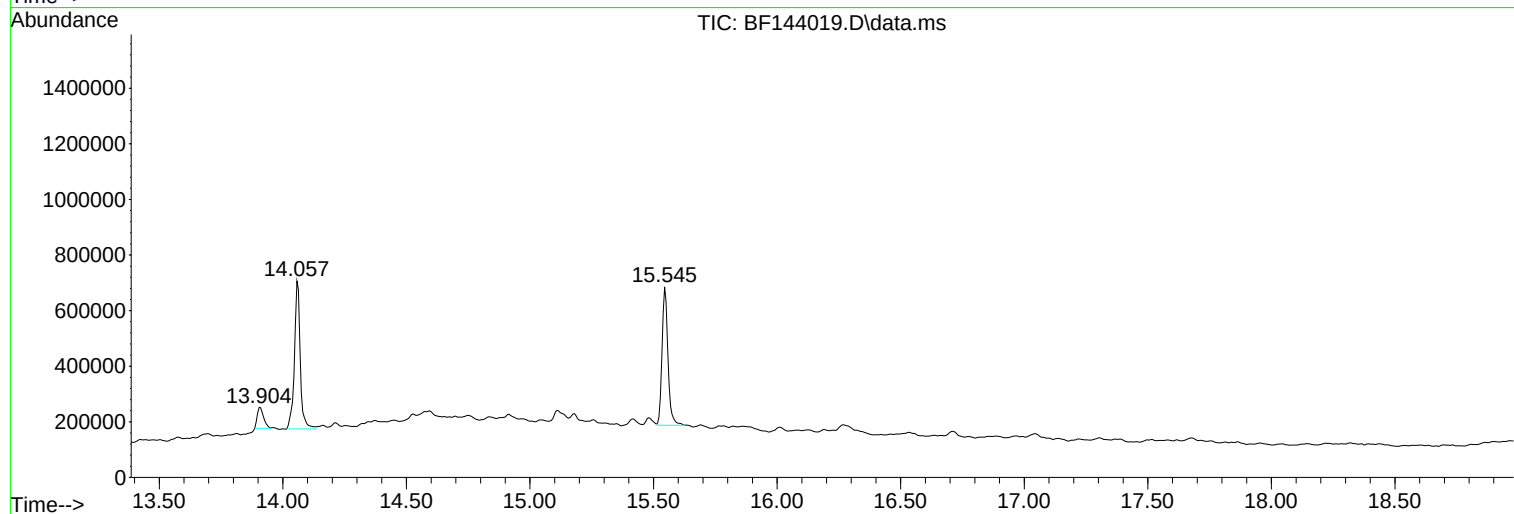
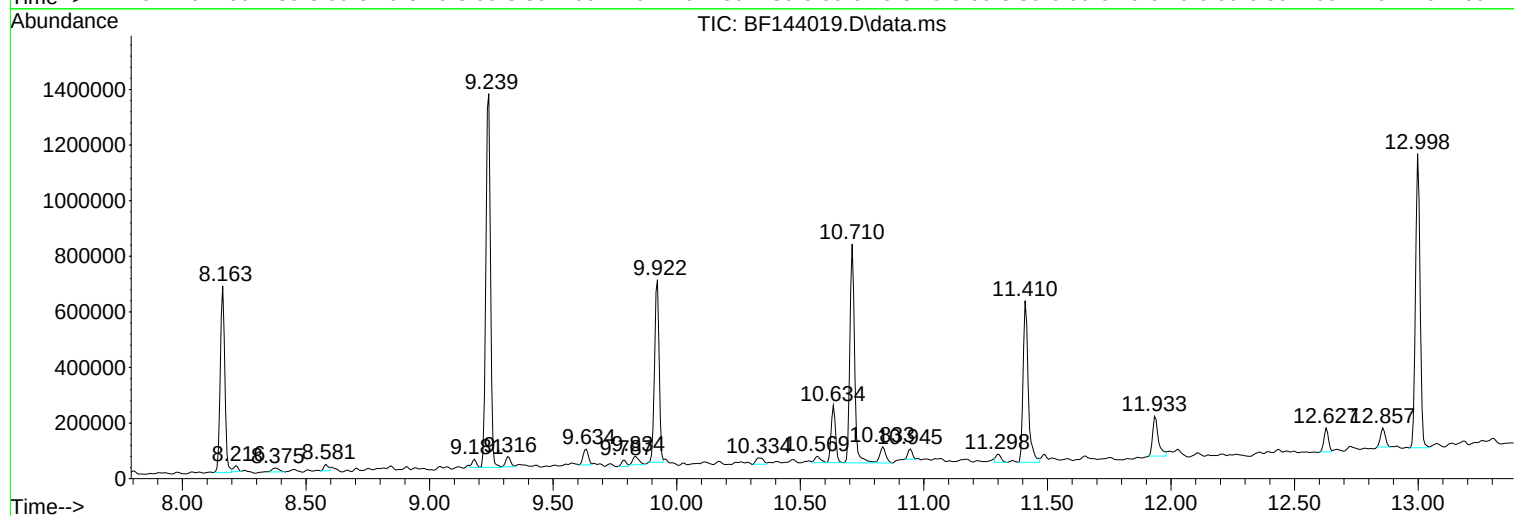
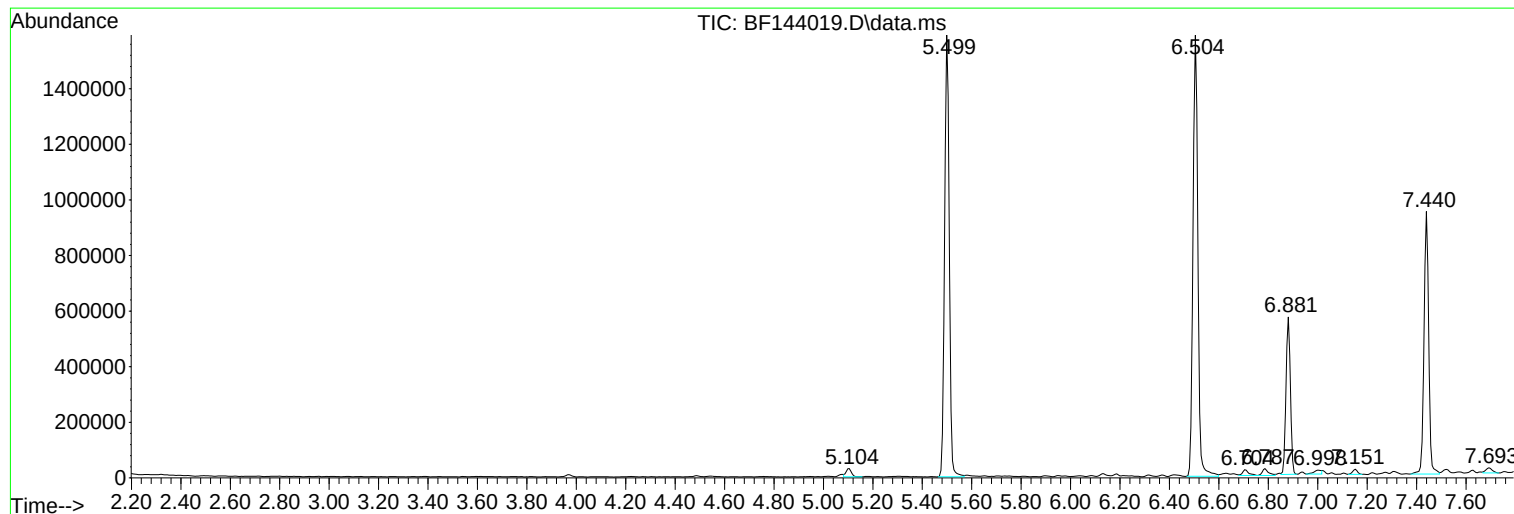
Sum of corrected areas: 16255197

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144019.D  
Acq On : 21 Oct 2025 18:30  
Operator : RC/JU  
Sample : Q3375-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144019.D  
Acq On : 21 Oct 2025 18:30  
Operator : RC/JU  
Sample : Q3375-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

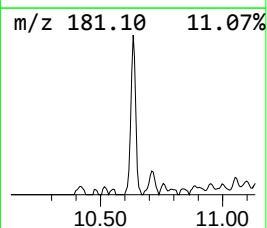
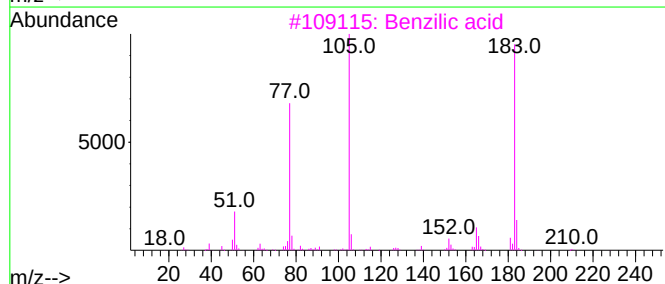
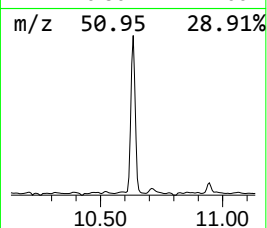
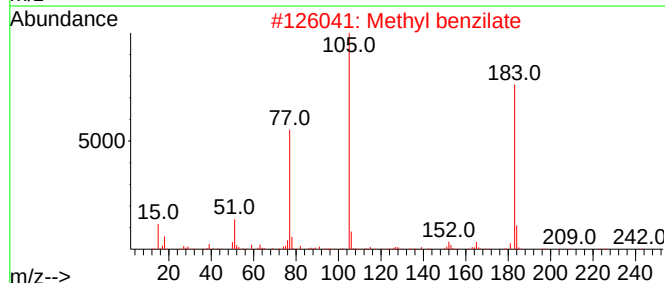
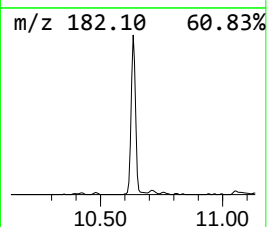
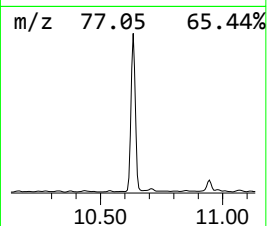
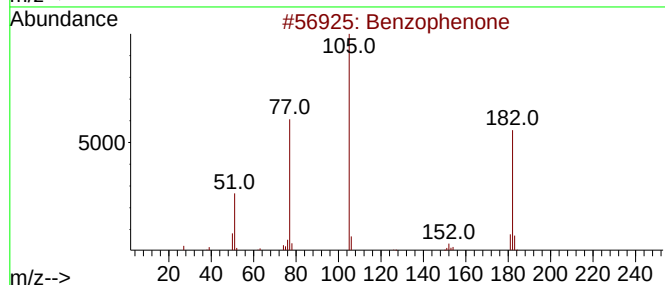
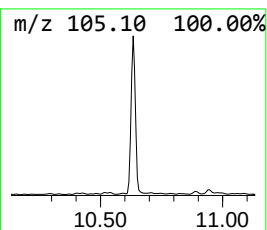
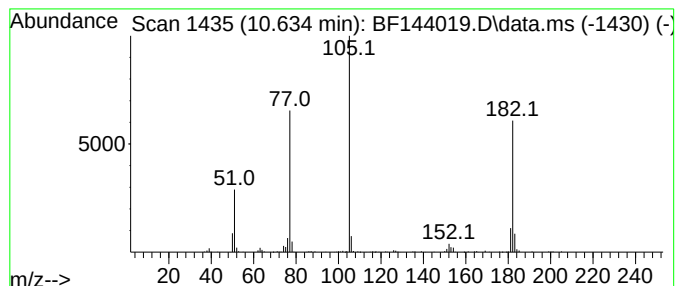
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.634 | 6.07 ng | 256718 | Acenaphthene-d10 | 9.922 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9 | 96   |
| 2    |    |   | Methyl benzilate                    | 242 | C15H14O3   | 000076-89-1 | 47   |
| 3    |    |   | Benzilic acid                       | 228 | C14H12O3   | 000076-93-7 | 47   |
| 4    |    |   | 1,2,4-Triazine-3,5(2H,4H)-dione,... | 249 | C10H7N3O3S | 024168-34-1 | 47   |
| 5    |    |   | Benzenebutanoic acid, .gamma.-ox... | 192 | C11H12O3   | 025333-24-8 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144019.D  
Acq On : 21 Oct 2025 18:30  
Operator : RC/JU  
Sample : Q3375-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

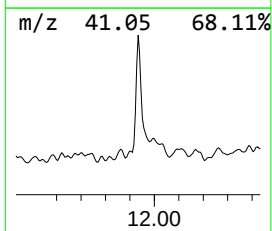
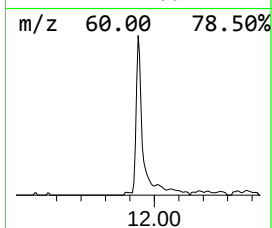
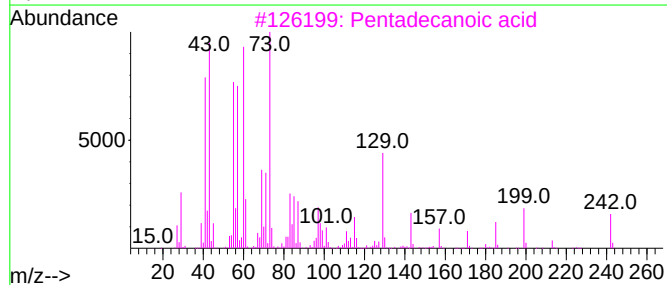
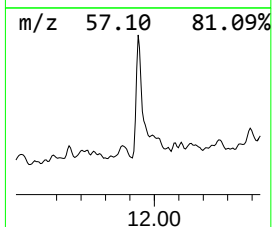
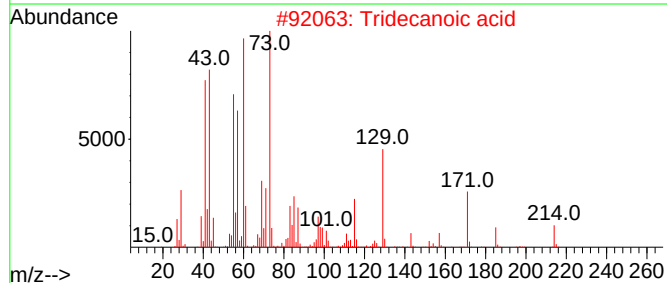
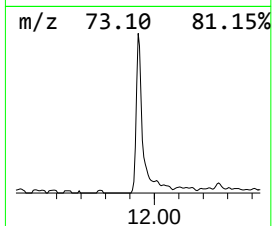
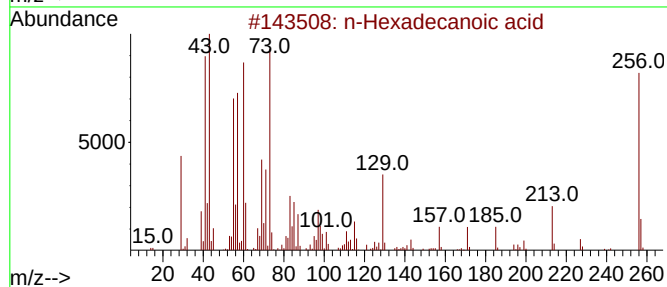
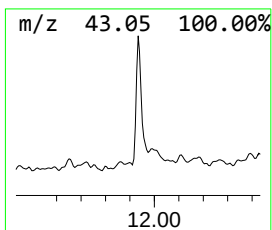
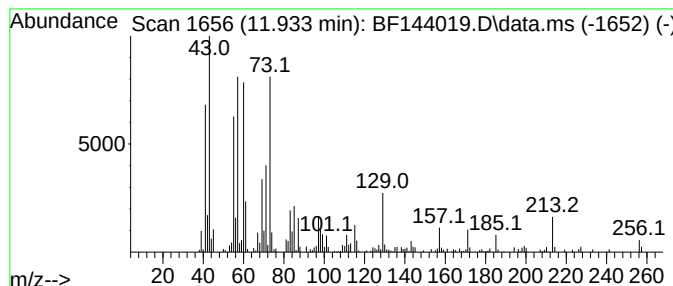
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.933 | 5.66 ng | 234483 | Phenanthrene-d10 | 11.410 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 94   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 5    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 62   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144019.D  
Acq On : 21 Oct 2025 18:30  
Operator : RC/JU  
Sample : Q3375-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

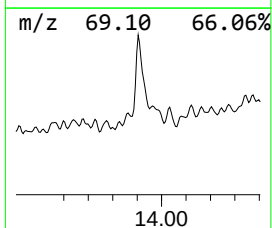
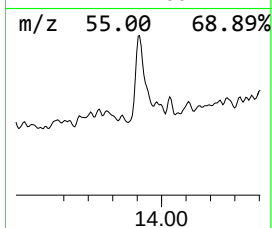
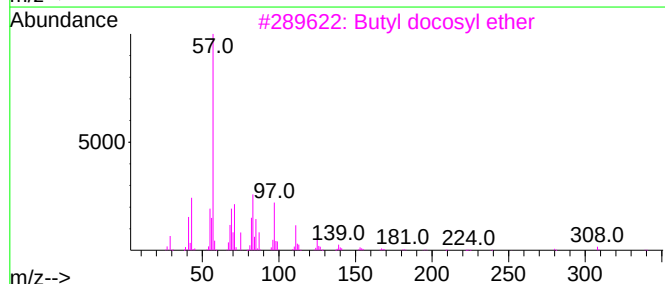
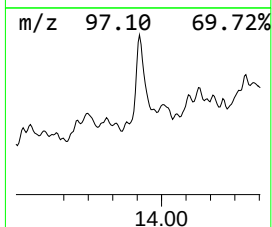
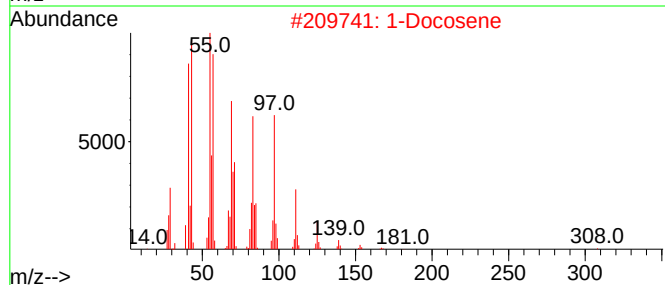
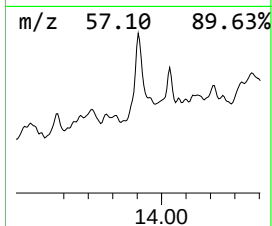
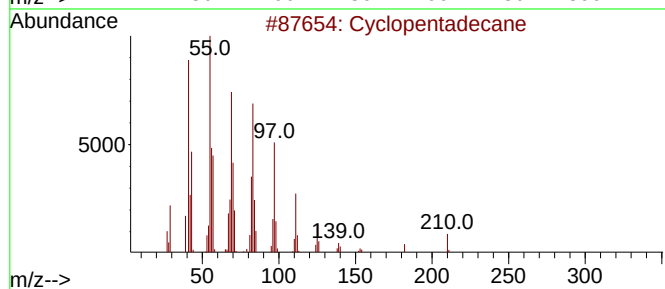
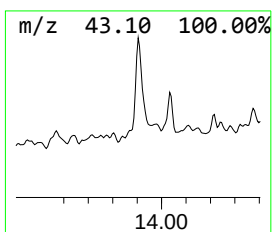
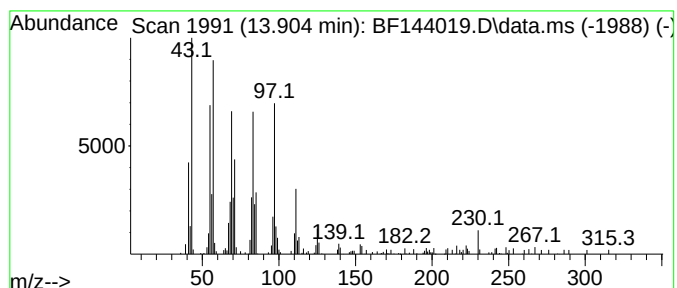
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Cyclopentadecane Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.904 | 3.05 ng | 131918 | Chrysene-d12     | 14.057 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclopentadecane    | 210 | C15H30  | 000295-48-7  | 95   |
| 2    |    |   | 1-Docosene          | 308 | C22H44  | 001599-67-3  | 87   |
| 3    |    |   | Butyl docosyl ether | 382 | C26H54O | 1000406-40-8 | 83   |
| 4    |    |   | 1-Hexacosanol       | 382 | C26H54O | 000506-52-5  | 81   |
| 5    |    |   | Behenic alcohol     | 326 | C22H46O | 000661-19-8  | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144019.D  
Acq On : 21 Oct 2025 18:30  
Operator : RC/JU  
Sample : Q3375-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PR132-DP02-074099-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Benzophenone       | 10.634 | 6.1     | ng    | 256718   | 3                     | 9.922  | 846328 | 20.0 |
| n-Hexadecanoic ... | 11.933 | 5.7     | ng    | 234483   | 4                     | 11.410 | 827955 | 20.0 |
| Cyclopentadecane   | 13.904 | 3.0     | ng    | 131918   | 5                     | 14.057 | 865905 | 20.0 |



# CALIBRATION SUMMARY



Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF100625.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Mon Oct 06 15:29:47 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF143882.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD  |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 2)    | 1,4-Dioxane           |                | 0.614 | 0.595 | 0.597 | 0.609 | 0.544 | 0.576 | 0.544 | 0.583 | 4.96  |
| 3)    | Pyridine              |                | 1.691 | 1.672 | 1.749 | 1.772 | 1.668 | 1.680 | 1.644 | 1.697 | 2.74  |
| 4)    | n-Nitrosodimet...     |                |       | 0.825 | 0.895 | 0.909 | 0.917 | 0.909 | 0.900 | 0.893 | 3.81  |
| 5) S  | 2-Fluorophenol        |                | 1.378 | 1.349 | 1.352 | 1.307 | 1.173 | 1.177 | 1.079 | 1.259 | 9.15  |
| 6)    | Aniline               |                | 2.400 | 2.327 | 2.361 | 2.343 | 2.185 | 2.134 | 1.997 | 2.250 | 6.58  |
| 7) S  | Phenol-d6             |                | 1.626 | 1.631 | 1.601 | 1.542 | 1.404 | 1.387 | 1.317 | 1.501 | 8.62  |
| 8)    | 2-Chlorophenol        |                | 1.324 | 1.229 | 1.274 | 1.294 | 1.201 | 1.182 | 1.113 | 1.231 | 5.90  |
| 9)    | Benzaldehyde          |                |       | 1.115 | 1.026 | 1.329 | 1.198 | 1.390 | 0.890 | 1.158 | 16.18 |
| 10) C | Phenol                |                | 1.934 | 1.814 | 1.889 | 1.841 | 1.756 | 1.739 | 1.589 | 1.795 | 6.33  |
| 11)   | bis(2-Chloroet...     |                | 1.487 | 1.457 | 1.467 | 1.446 | 1.308 | 1.302 | 1.238 | 1.386 | 7.25  |
| 12)   | 1,3-Dichlorobe...     |                | 1.742 | 1.591 | 1.589 | 1.516 | 1.336 | 1.327 | 1.215 | 1.474 | 12.64 |
| 13) C | 1,4-Dichlorobe...     |                | 1.653 | 1.606 | 1.567 | 1.499 | 1.326 | 1.340 | 1.185 | 1.454 | 11.88 |
| 14)   | 1,2-Dichlorobe...     |                | 1.581 | 1.507 | 1.501 | 1.434 | 1.283 | 1.288 | 1.153 | 1.392 | 11.06 |
| 15)   | Benzyl Alcohol        |                |       | 1.118 | 1.138 | 1.173 | 1.134 | 1.104 | 1.082 | 1.125 | 2.79  |
| 16)   | 2,2'-oxybis(1-...     |                | 3.520 | 3.385 | 3.273 | 3.239 | 3.008 | 2.945 | 2.720 | 3.156 | 8.79  |
| 17)   | 2-Methylphenol        |                | 1.064 | 1.057 | 1.049 | 1.054 | 0.985 | 0.986 | 0.927 | 1.017 | 5.10  |
| 18)   | Hexachloroethane      |                | 0.533 | 0.508 | 0.515 | 0.501 | 0.456 | 0.464 | 0.417 | 0.485 | 8.39  |
| 19) P | n-Nitroso-di-n...     | 1.052          | 1.135 | 1.134 | 1.054 | 1.026 | 0.970 | 0.938 | 0.912 | 1.028 | 8.13  |
| 20)   | 3+4-Methylphenols     |                |       | 1.401 | 1.342 | 1.266 | 1.067 | 1.068 | 0.933 | 1.179 | 15.58 |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 22)   | Acetophenone          |                | 0.515 | 0.461 | 0.462 | 0.433 | 0.374 | 0.375 | 0.340 | 0.423 | 14.67 |
| 23) S | Nitrobenzene-d5       |                | 0.325 | 0.333 | 0.347 | 0.345 | 0.323 | 0.325 | 0.307 | 0.329 | 4.19  |
| 24)   | Nitrobenzene          |                | 0.369 | 0.349 | 0.389 | 0.391 | 0.352 | 0.365 | 0.342 | 0.366 | 5.26  |
| 25)   | Isophorone            |                | 0.754 | 0.708 | 0.708 | 0.705 | 0.665 | 0.663 | 0.656 | 0.694 | 5.04  |
| 26) C | 2-Nitrophenol         |                | 0.121 | 0.133 | 0.163 | 0.174 | 0.167 | 0.173 | 0.166 | 0.157 | 13.39 |
| 27)   | 2,4-Dimethylph...     |                | 0.287 | 0.288 | 0.292 | 0.295 | 0.271 | 0.278 | 0.264 | 0.282 | 4.08  |
| 28)   | bis(2-Chloroet...     |                | 0.510 | 0.474 | 0.463 | 0.444 | 0.398 | 0.401 | 0.380 | 0.438 | 10.79 |
| 29) C | 2,4-Dichloroph...     |                | 0.317 | 0.292 | 0.313 | 0.307 | 0.280 | 0.282 | 0.265 | 0.294 | 6.54  |
| 30)   | 1,2,4-Trichlor...     |                | 0.331 | 0.299 | 0.307 | 0.298 | 0.266 | 0.272 | 0.249 | 0.289 | 9.57  |
| 31)   | Naphthalene           |                | 1.103 | 0.996 | 0.972 | 0.932 | 0.817 | 0.817 | 0.732 | 0.910 | 14.06 |
| 32)   | Benzoic acid          |                |       | 0.131 | 0.173 | 0.200 | 0.216 | 0.222 | 0.228 | 0.195 | 18.95 |
| 33)   | 4-Chloroaniline       |                | 0.368 | 0.370 | 0.357 | 0.355 | 0.319 | 0.321 | 0.298 | 0.341 | 8.20  |
| 34) C | Hexachlorobuta...     |                | 0.231 | 0.214 | 0.210 | 0.207 | 0.183 | 0.187 | 0.173 | 0.201 | 10.11 |
| 35)   | Caprolactam           |                |       | 0.092 | 0.091 | 0.095 | 0.094 | 0.093 | 0.094 | 0.093 | 1.59  |
| 36) C | 4-Chloro-3-met...     |                | 0.301 | 0.302 | 0.289 | 0.287 | 0.269 | 0.270 | 0.256 | 0.282 | 6.27  |
| 37)   | 2-Methylnaphth...     |                | 0.742 | 0.683 | 0.654 | 0.616 | 0.527 | 0.533 | 0.487 | 0.606 | 15.46 |
| 38)   | 1-Methylnaphth...     |                | 0.719 | 0.656 | 0.629 | 0.605 | 0.517 | 0.523 | 0.465 | 0.588 | 15.23 |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
 Method File : 8270-BF100625.M

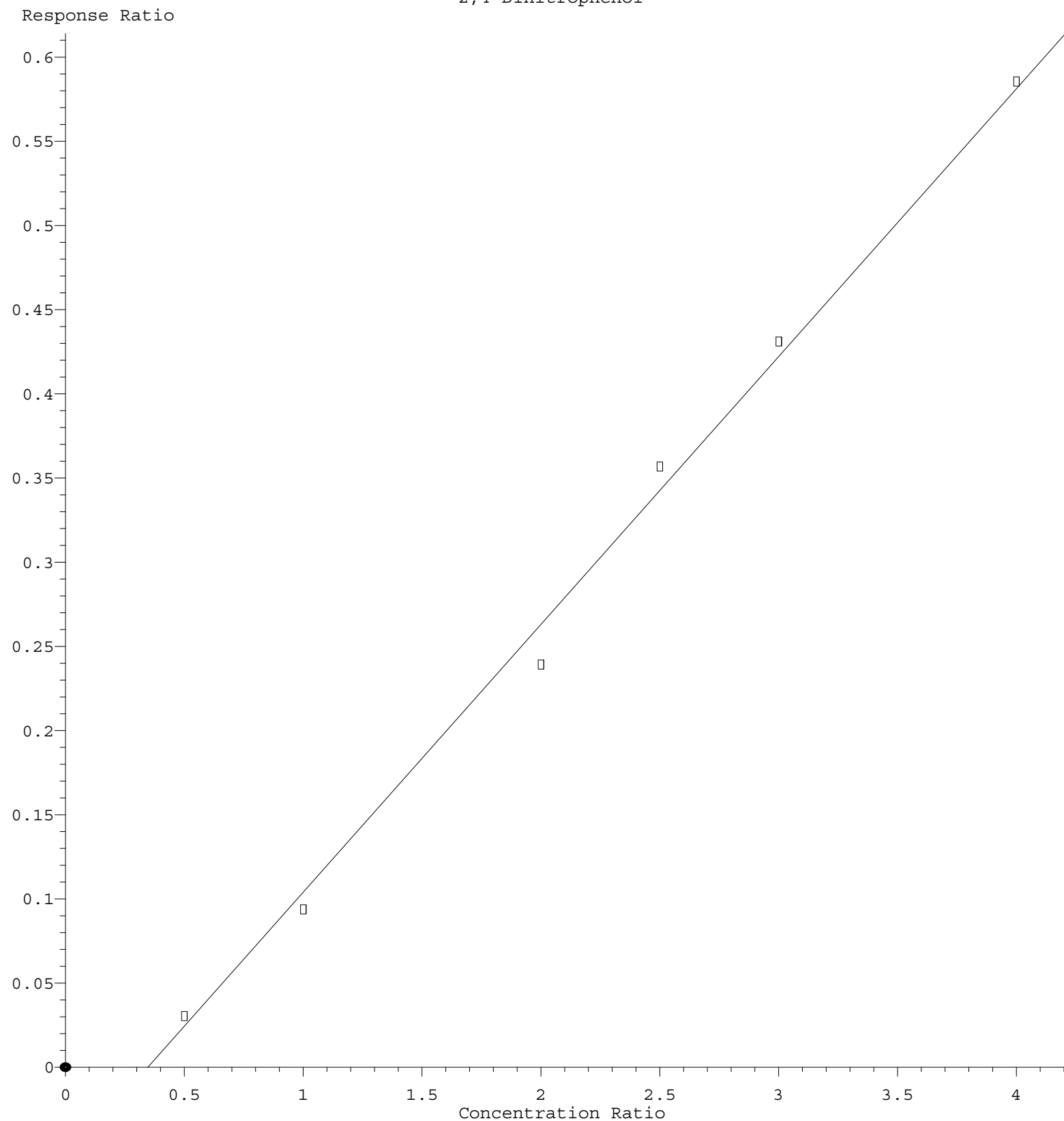
|       |                   |                |       |       |       |       |       |       |       |       |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac... | 0.610          | 0.592 | 0.595 | 0.590 | 0.500 | 0.519 | 0.464 | 0.553 | 10.38 |  |
| 41) P | Hexachlorocycl... | 0.182          | 0.216 | 0.257 | 0.246 | 0.240 | 0.235 | 0.229 |       | 11.77 |  |
| 42) S | 2,4,6-Tribromo... | 0.194          | 0.192 | 0.210 | 0.207 | 0.198 | 0.200 | 0.193 | 0.199 | 3.51  |  |
| 43) C | 2,4,6-Trichlor... | 0.408          | 0.394 | 0.426 | 0.445 | 0.383 | 0.395 | 0.376 | 0.404 | 6.07  |  |
| 44)   | 2,4,5-Trichlor... | 0.443          | 0.444 | 0.460 | 0.456 | 0.401 | 0.403 | 0.380 | 0.427 | 7.34  |  |
| 45) S | 2-Fluorobiphenyl  | 1.568          | 1.424 | 1.335 | 1.224 | 0.984 | 1.028 |       | 1.260 | 18.04 |  |
| 46)   | 1,1'-Biphenyl     | 1.617          | 1.476 | 1.448 | 1.374 | 1.134 | 1.171 | 1.050 | 1.324 | 15.77 |  |
| 47)   | 2-Chloronaphth... | 1.294          | 1.196 | 1.197 | 1.137 | 0.988 | 1.003 | 0.913 | 1.104 | 12.50 |  |
| 48)   | 2-Nitroaniline    | 0.293          | 0.322 | 0.371 | 0.392 | 0.354 | 0.365 | 0.348 | 0.349 | 9.43  |  |
| 49)   | Acenaphthylene    | 1.797          | 1.701 | 1.648 | 1.623 | 1.386 | 1.426 | 1.284 | 1.552 | 12.11 |  |
| 50)   | Dimethylphthalate | 1.442          | 1.351 | 1.334 | 1.291 | 1.166 | 1.202 | 1.105 | 1.270 | 9.29  |  |
| 51)   | 2,6-Dinitrotol... | 0.201          | 0.204 | 0.245 | 0.262 | 0.250 | 0.250 | 0.237 | 0.236 | 10.13 |  |
| 52) C | Acenaphthene      | 1.177          | 1.115 | 1.096 | 1.052 | 0.897 | 0.934 | 0.847 | 1.017 | 12.21 |  |
| 53)   | 3-Nitroaniline    | 0.256          | 0.270 | 0.306 | 0.306 | 0.296 | 0.298 | 0.286 | 0.288 | 6.59  |  |
| 54) P | 2,4-Dinitrophenol | 0.061          | 0.094 | 0.120 | 0.143 | 0.144 | 0.146 | 0.118 |       | 29.25 |  |
| 55)   | Dibenzofuran      | 1.680          | 1.608 | 1.572 | 1.494 | 1.253 | 1.295 | 1.149 | 1.436 | 14.13 |  |
| 56) P | 4-Nitrophenol     | 0.173          | 0.215 | 0.234 | 0.230 | 0.228 | 0.230 | 0.218 |       | 10.55 |  |
| 57)   | 2,4-Dinitrotol... | 0.252          | 0.284 | 0.341 | 0.365 | 0.335 | 0.346 | 0.320 | 0.320 | 12.30 |  |
| 58)   | Fluorene          | 1.393          | 1.266 | 1.173 | 1.097 | 0.897 | 0.922 | 0.835 | 1.083 | 19.21 |  |
| 59)   | 2,3,4,6-Tetrac... | 0.276          | 0.303 | 0.315 | 0.325 | 0.300 | 0.309 | 0.288 | 0.302 | 5.49  |  |
| 60)   | Diethylphthalate  | 1.319          | 1.281 | 1.273 | 1.222 | 1.070 | 1.105 | 0.989 | 1.180 | 10.62 |  |
| 61)   | 4-Chlorophenyl... | 0.689          | 0.662 | 0.626 | 0.596 | 0.485 | 0.505 | 0.446 | 0.573 | 16.43 |  |
| 62)   | 4-Nitroaniline    | 0.257          | 0.259 | 0.285 | 0.292 | 0.287 | 0.288 | 0.274 | 0.277 | 5.25  |  |
| 63)   | Azobenzene        | 1.387          | 1.331 | 1.308 | 1.280 | 1.114 | 1.156 | 1.055 | 1.233 | 10.10 |  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-... | 0.065          | 0.092 | 0.111 | 0.112 | 0.114 | 0.110 | 0.101 |       | 19.26 |  |
| 66) c | n-Nitrosodiphe... | 0.712          | 0.683 | 0.675 | 0.656 | 0.560 | 0.584 | 0.527 | 0.628 | 11.22 |  |
| 67)   | 4-Bromophenyl-... | 0.247          | 0.234 | 0.231 | 0.231 | 0.201 | 0.207 | 0.196 | 0.221 | 8.74  |  |
| 68)   | Hexachlorobenzene | 0.277          | 0.268 | 0.263 | 0.267 | 0.242 | 0.245 | 0.231 | 0.256 | 6.59  |  |
| 69)   | Atrazine          | 0.197          | 0.206 | 0.213 | 0.195 | 0.184 | 0.177 | 0.161 | 0.190 | 9.44  |  |
| 70) C | Pentachlorophenol | 0.117          | 0.152 | 0.157 | 0.154 | 0.154 | 0.147 | 0.147 |       | 10.10 |  |
| 71)   | Phenanthrene      | 1.164          | 1.092 | 1.066 | 0.976 | 0.842 | 0.872 | 0.775 | 0.970 | 14.94 |  |
| 72)   | Anthracene        | 1.161          | 1.097 | 1.057 | 1.025 | 0.854 | 0.881 | 0.781 | 0.980 | 14.43 |  |
| 73)   | Carbazole         | 1.015          | 0.962 | 0.939 | 0.884 | 0.766 | 0.804 | 0.703 | 0.868 | 13.10 |  |
| 74)   | Di-n-butylphth... | 1.089          | 1.094 | 1.108 | 1.053 | 0.910 | 0.954 | 0.830 | 1.005 | 10.76 |  |
| 75) C | Fluoranthene      | 1.156          | 1.153 | 1.094 | 1.032 | 0.876 | 0.910 | 0.789 | 1.002 | 14.43 |  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine         | 0.701          | 0.719 | 0.761 | 0.651 | 0.640 |       | 0.694 |       | 7.16  |  |
| 78)   | Pyrene            | 1.838          | 1.663 | 1.769 | 1.863 | 1.541 | 1.578 | 1.420 | 1.667 | 9.87  |  |
| 79) S | Terphenyl-d14     | 1.301          | 1.209 | 1.271 | 1.279 | 1.066 | 1.080 | 0.984 | 1.170 | 10.70 |  |
| 80)   | Butylbenzylpht... | 0.466          | 0.503 | 0.579 | 0.620 | 0.545 | 0.553 | 0.524 | 0.542 | 9.31  |  |
| 81)   | Benzo(a)anthra... | 1.342          | 1.347 | 1.354 | 1.398 | 1.232 | 1.291 | 1.198 | 1.309 | 5.49  |  |
| 82)   | 3,3'-Dichlorob... | 0.364          | 0.403 | 0.440 | 0.401 | 0.404 | 0.381 | 0.399 |       | 6.41  |  |
| 83)   | Chrysene          | 1.373          | 1.188 | 1.267 | 1.294 | 1.116 | 1.126 | 1.115 | 1.211 | 8.41  |  |
| 84)   | Bis(2-ethylhex... | 0.591          | 0.619 | 0.687 | 0.739 | 0.642 | 0.672 | 0.619 | 0.653 | 7.70  |  |
| 85) c | Di-n-octyl pht... | 0.837          | 1.009 | 1.194 | 1.108 | 1.151 | 1.133 | 1.072 |       | 12.19 |  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\  
Method File : 8270-BF100625.M

|       |                   | -----ISTD----- |       |       |       |       |       |       |       |       |      |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 86) I | Perylene-d12      |                |       |       |       |       |       |       |       |       |      |
| 87)   | Indeno(1,2,3-c... | 1.114          | 1.104 | 1.222 | 1.393 | 1.235 | 1.263 | 1.248 | 1.225 |       | 7.97 |
| 88)   | Benzo(b)fluora... | 1.207          | 1.138 | 1.131 | 1.269 | 1.095 | 1.202 | 1.000 | 1.149 |       | 7.63 |
| 89)   | Benzo(k)fluora... | 1.138          | 1.173 | 1.228 | 1.108 | 0.923 | 0.921 | 0.951 | 1.063 | 12.11 |      |
| 90) C | Benzo(a)pyrene    | 1.000          | 1.006 | 1.037 | 1.102 | 0.936 | 0.970 | 0.923 | 0.996 |       | 6.17 |
| 91)   | Dibenzo(a,h)an... | 0.888          | 0.915 | 1.015 | 1.128 | 0.975 | 1.007 | 0.972 | 0.986 |       | 7.89 |
| 92)   | Benzo(g,h,i)pe... | 0.889          | 0.888 | 0.983 | 1.117 | 0.991 | 1.018 | 1.014 | 0.986 |       | 8.08 |

-----  
(#) = Out of Range

# 2,4-Dinitrophenol



Response =  $1.591 \times 10^{-1} \times \text{Amt} - 5.521 \times 10^{-2}$   
 Coef of Det ( $r^2$ ) = 0.995474    Curve Fit: wlr(1/a)  
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF100625.M  
 Calibration Table Last Updated: Mon Oct 06 15:29:47 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143875.D  
 Acq On : 06 Oct 2025 09:59  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Oct 06 15:37:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

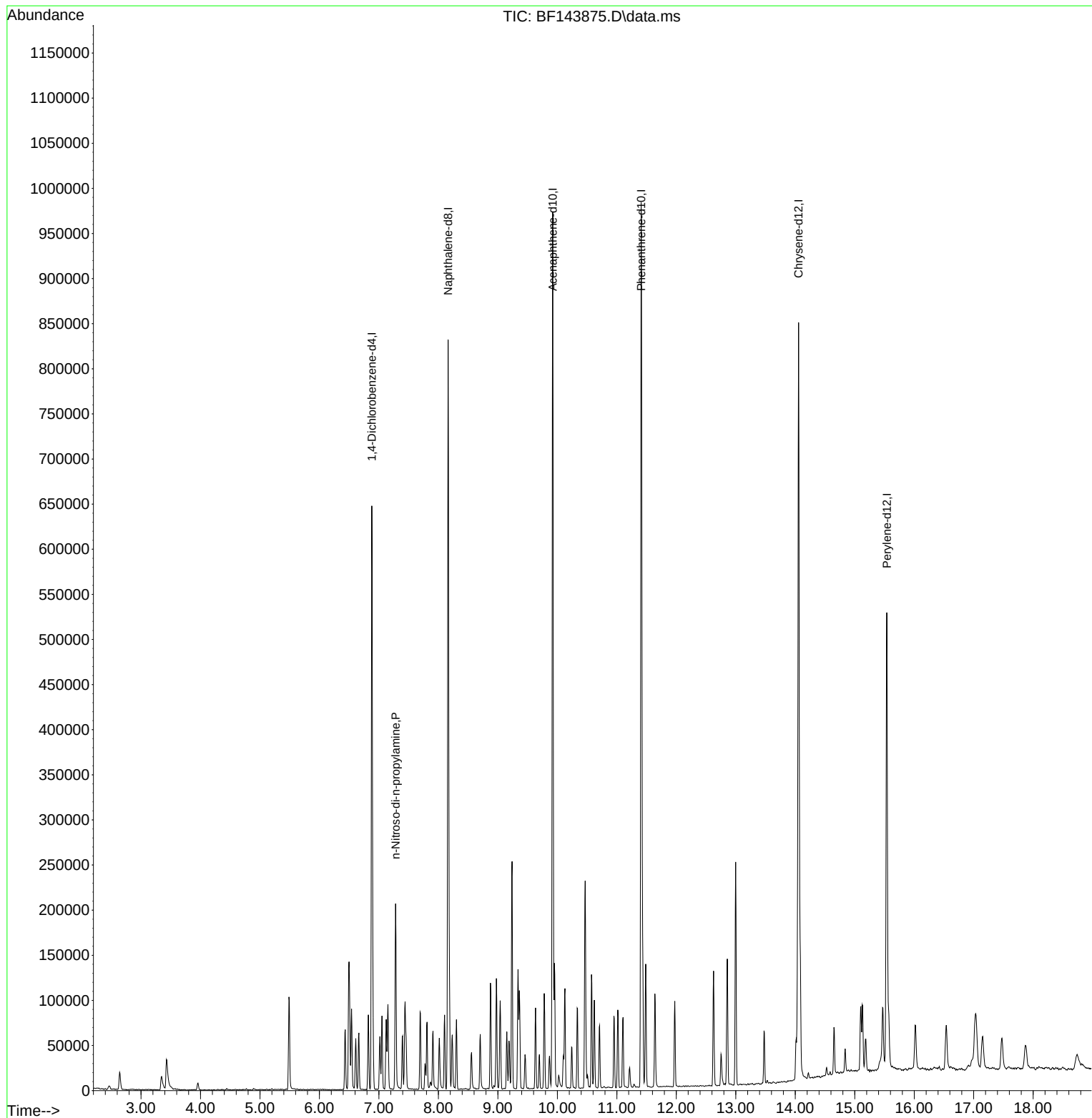
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-------------------------------|--------|------|----------|--------|-------|--------------|
| -----                         |        |      |          |        |       |              |
| Internal Standards            |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 128129   | 20.000 | ng    | 0.00         |
| 21) Naphthalene-d8            | 8.163  | 136  | 501174   | 20.000 | ng    | 0.00         |
| 39) Acenaphthene-d10          | 9.922  | 164  | 285618   | 20.000 | ng    | 0.00         |
| 64) Phenanthrene-d10          | 11.410 | 188  | 520523   | 20.000 | ng    | 0.00         |
| 76) Chrysene-d12              | 14.057 | 240  | 373433   | 20.000 | ng    | -0.01        |
| 86) Perylene-d12              | 15.539 | 264  | 316147   | 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              |        |      |          |        |       |              |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 16847    | 2.559  | ng    | Qvalue<br>98 |
| -----                         |        |      |          |        |       |              |

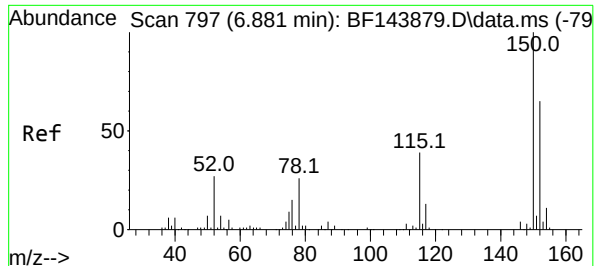
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143875.D  
Acq On : 06 Oct 2025 09:59  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

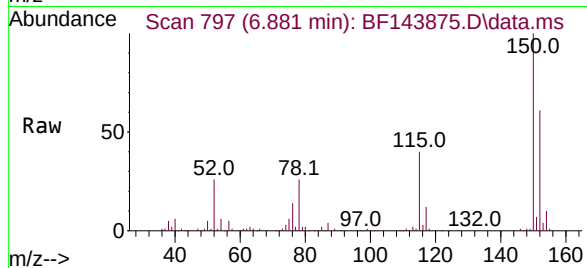
Quant Time: Oct 06 15:37:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



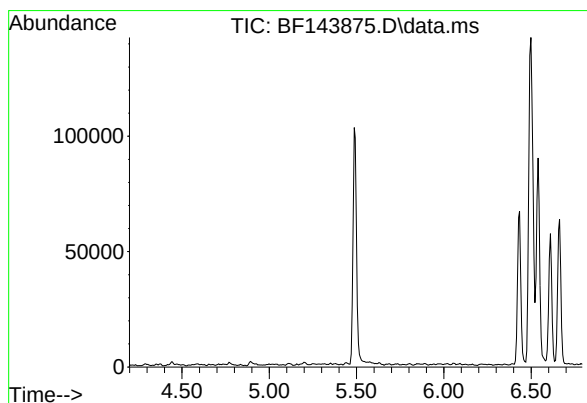
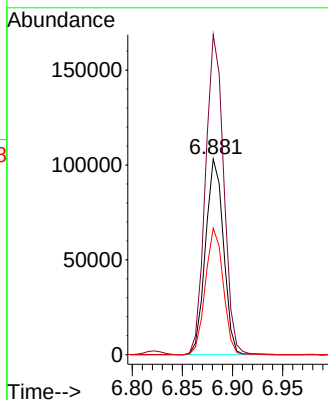
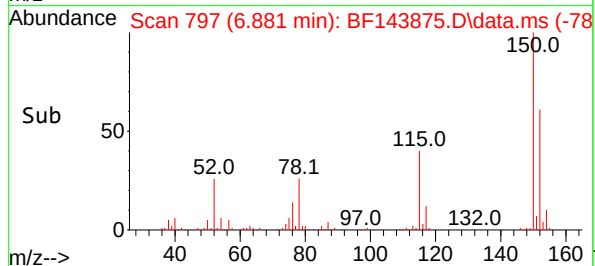


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143875.D  
Acq: 06 Oct 2025 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



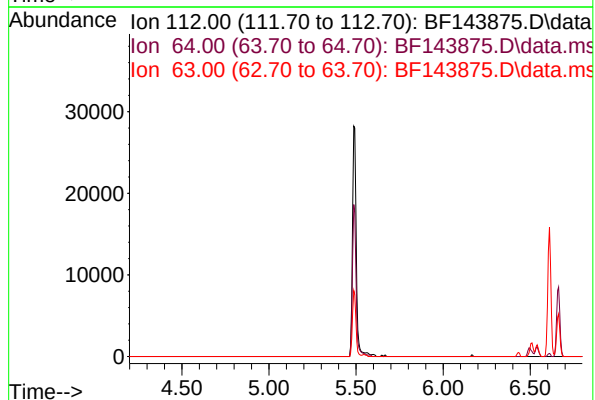
Tgt Ion:152 Resp: 128129  
Ion Ratio Lower Upper  
152 100  
150 163.6 124.4 186.6  
115 64.7 48.1 72.1

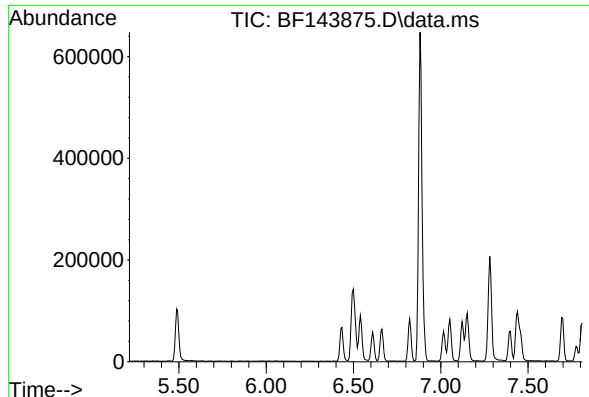


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.50 min

Lab File: BF143875.D  
Acq: 06 Oct 2025 09:59

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 61.4  
63 30.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

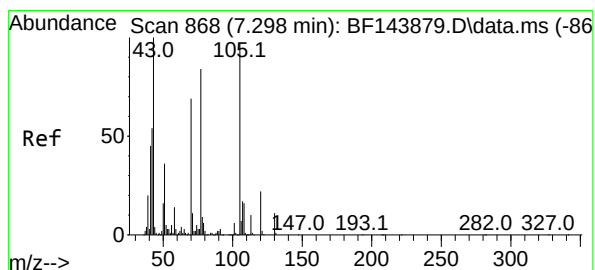
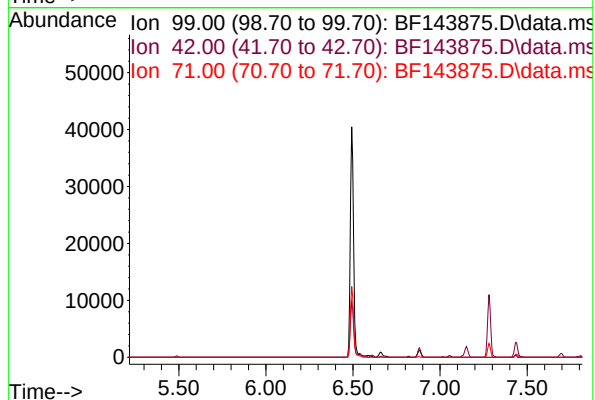
Tgt Ion: 99

Sig Exp Ratio

99 100

42 26.2

71 34.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.559 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.035 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Tgt Ion: 70 Resp: 16847

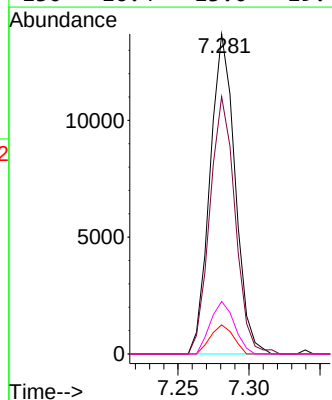
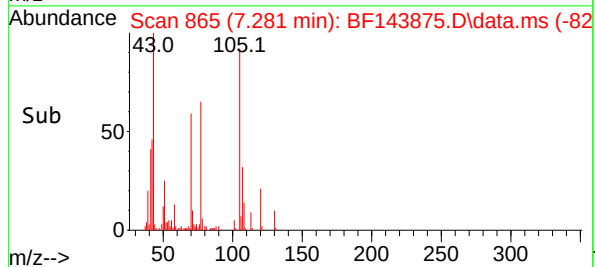
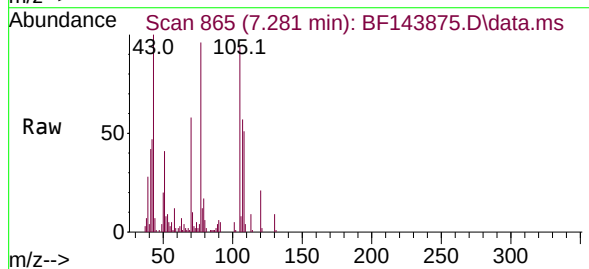
Ion Ratio Lower Upper

70 100

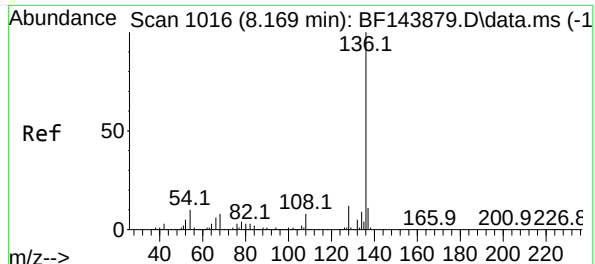
42 80.4 62.8 94.2

101 9.1 6.7 10.1

130 16.4 13.0 19.4







#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143875.D

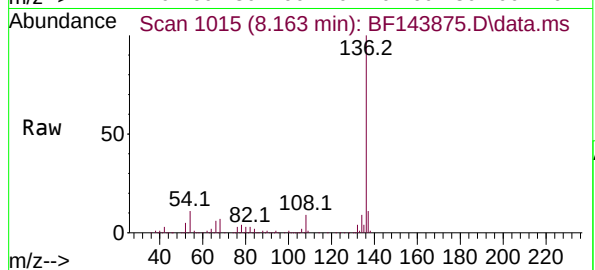
Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 501174

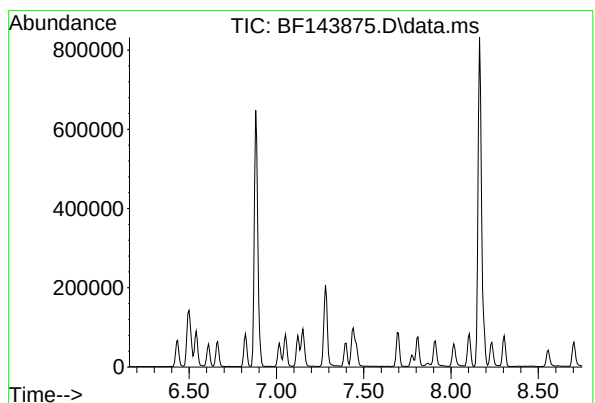
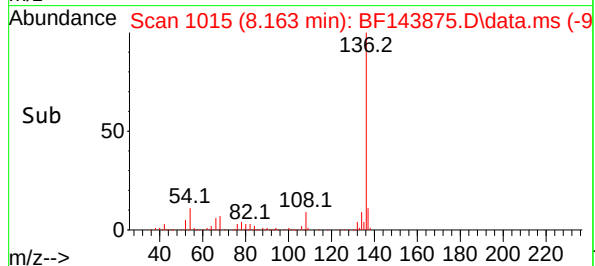
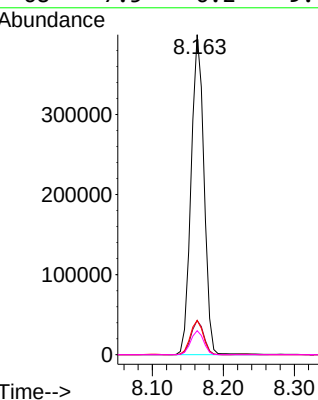
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.7 8.2 12.4

68 7.5 6.2 9.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.46 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

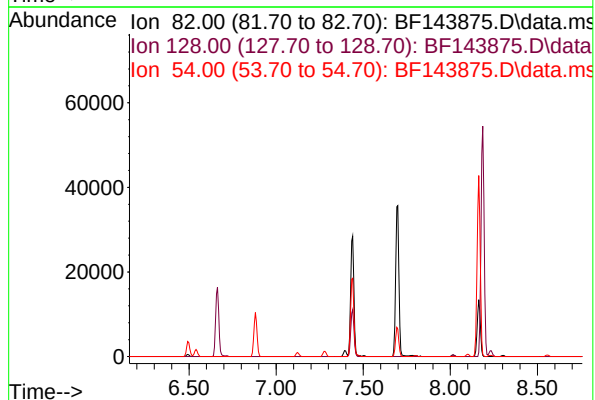
Tgt Ion: 82

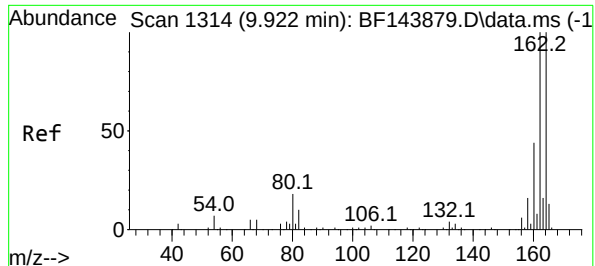
Sig Exp Ratio

82 100

128 42.5

54 66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143875.D

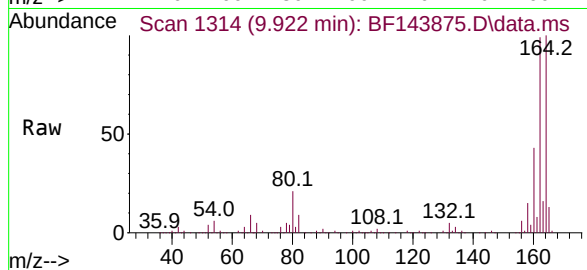
Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



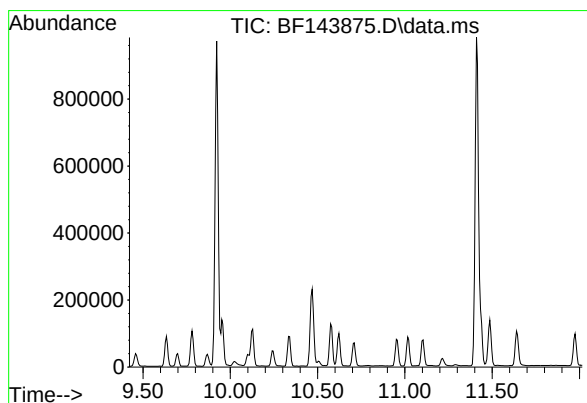
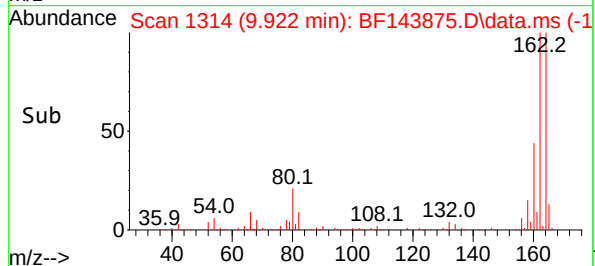
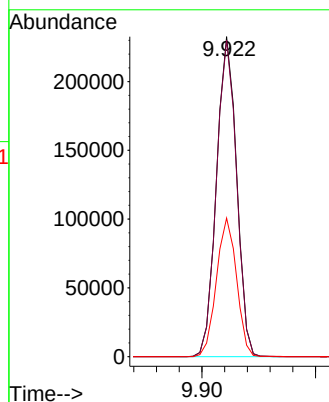
Tgt Ion:164 Resp: 285618

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

160 43.3 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

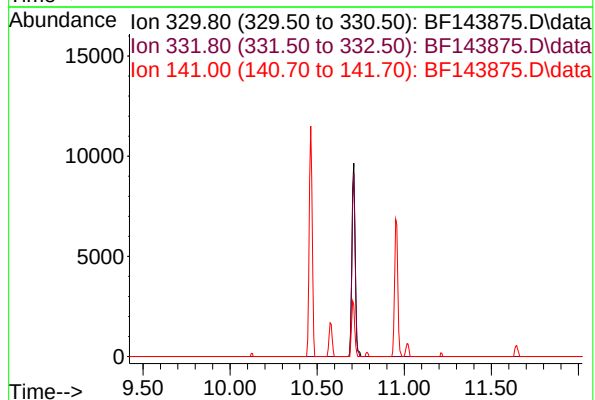
Tgt Ion: 330

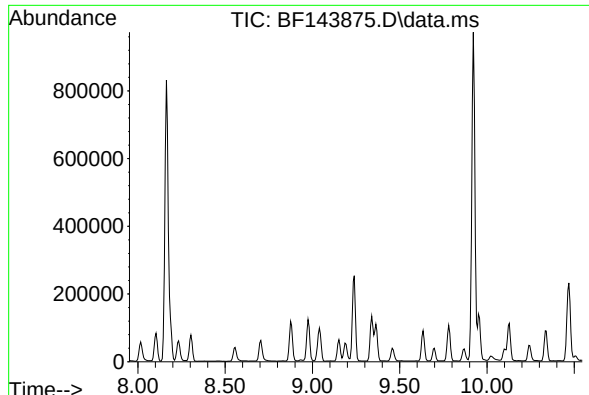
Sig Exp Ratio

330 100

332 96.1

141 25.3





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5

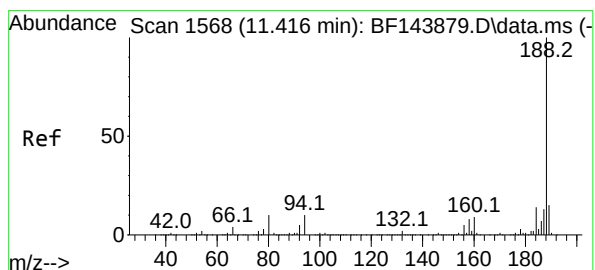
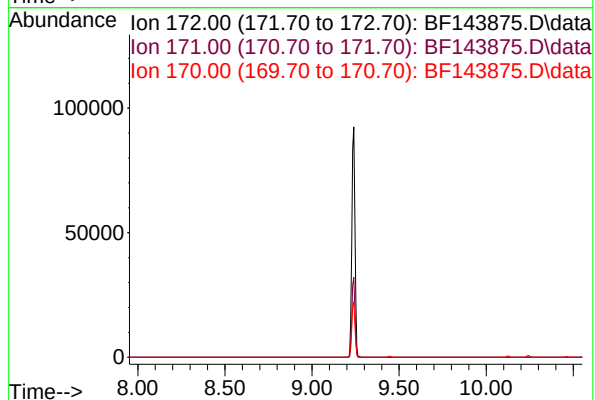
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.2

170 23.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

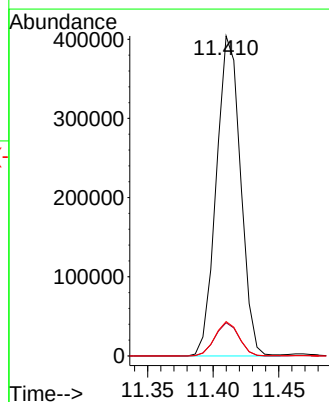
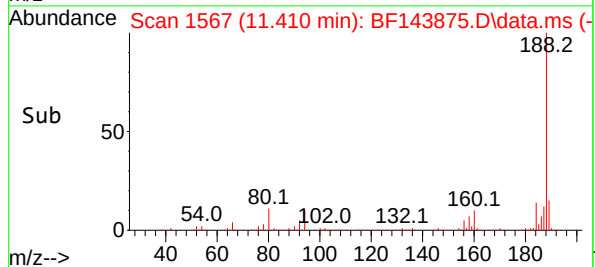
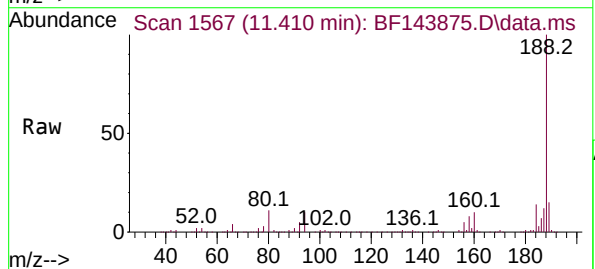
Tgt Ion:188 Resp: 520523

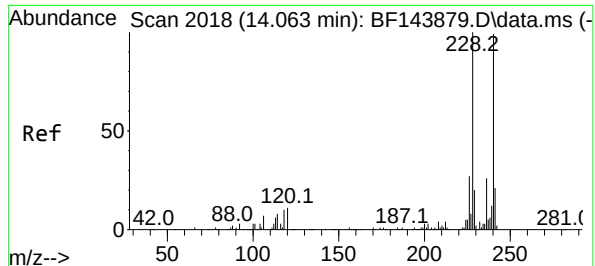
Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

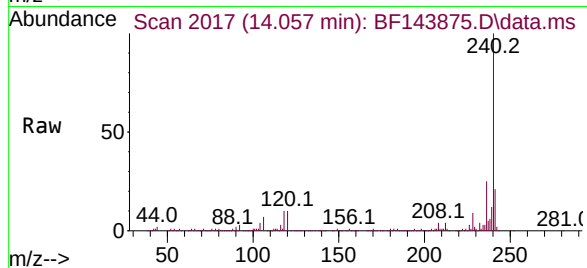
80 10.7 7.9 11.9



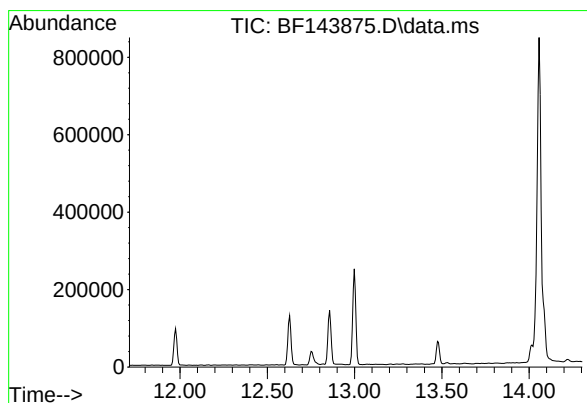
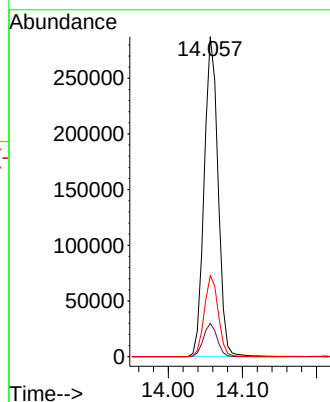
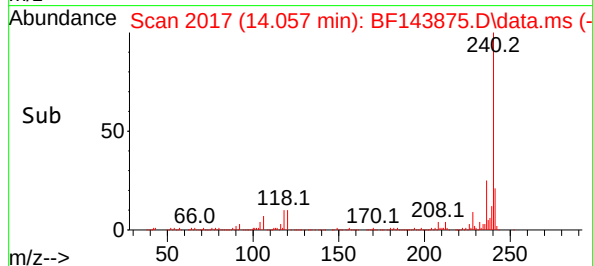


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 20  
Delta R.T. -0.011 min  
Lab File: BF143875.D  
Acq: 06 Oct 2025 09:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5



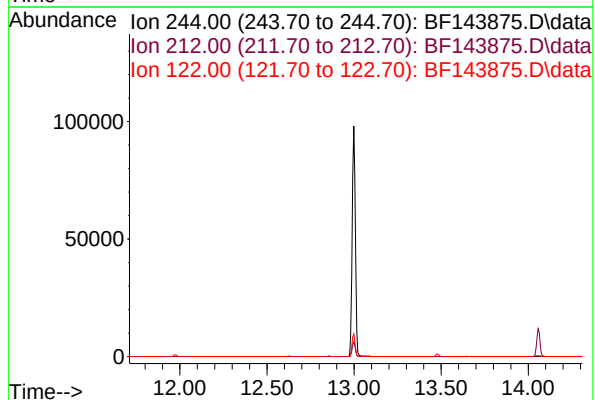
Tgt Ion:240 Resp: 373433  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.6 13.0  
236 25.3 21.1 31.7



#79  
Terphenyl-d14  
Concen: 0.000 ng  
Expected RT: 13.01 min

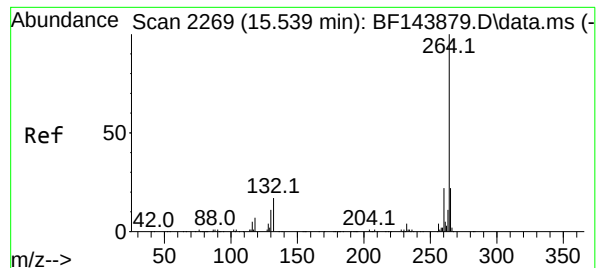
Lab File: BF143875.D  
Acq: 06 Oct 2025 09:59

Tgt Ion: 244  
Sig Exp Ratio  
244 100  
212 6.7  
122 8.0



Ion 212.00 (211.70 to 212.70): BF143875.D\data

Ion 122.00 (121.70 to 122.70): BF143875.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143875.D

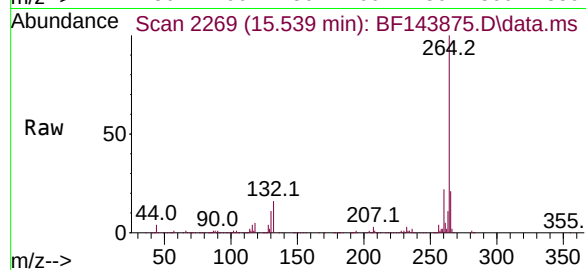
Acq: 06 Oct 2025 09:59

Instrument :

BNA\_F

ClientSampleId :

SSTDICC2.5



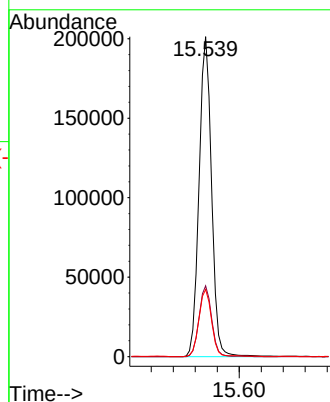
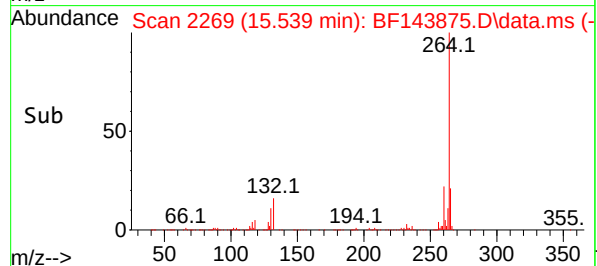
Tgt Ion:264 Resp: 316147

Ion Ratio Lower Upper

264 100

260 22.1 17.8 26.8

265 21.0 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143876.D  
 Acq On : 06 Oct 2025 10:28  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:14:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 137596   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 524114   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 303230   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 538298   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 379937   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 15.539 | 264  | 317181   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 94810    | 10.942 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.493  | 99   | 111877   | 10.832 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 85080    | 9.862  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 29360    | 9.721  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 237689   | 12.438 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 247223   | 11.121 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 21110    | 5.265  | ng    | 96       |
| 3) Pyridine                   | 3.422  | 79   | 58179    | 4.984  | ng    | 96       |
| 6) Aniline                    | 6.540  | 93   | 82563    | 5.335  | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 45534    | 5.376  | ng    | 96       |
| 10) Phenol                    | 6.510  | 94   | 66523m   | 5.388  | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 51163    | 5.364  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 59929    | 5.911  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 56869    | 5.686  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 54371    | 5.676  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 121082   | 5.577  | ng    | 99       |
| 17) 2-Methylphenol            | 7.122  | 107  | 36595    | 5.228  | ng    | 97       |
| 18) Hexachloroethane          | 7.398  | 117  | 18346    | 5.501  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 39050    | 5.524  | ng    | 98       |
| 22) Acetophenone              | 7.287  | 105  | 67515    | 6.092  | ng    | 95       |
| 24) Nitrobenzene              | 7.457  | 77   | 48413    | 5.054  | ng    | 96       |
| 25) Isophorone                | 7.692  | 82   | 98761    | 5.429  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.775  | 139  | 15870    | 3.864  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 37645    | 5.095  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 66779    | 5.812  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 41484    | 5.390  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 43309    | 5.722  | ng    | 100      |
| 31) Naphthalene               | 8.187  | 128  | 144561   | 6.063  | ng    | 100      |
| 33) 4-Chloroaniline           | 8.234  | 127  | 48181    | 5.388  | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 30246    | 5.751  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 39500    | 5.343  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 97227    | 6.122  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 94190    | 6.114  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 46252    | 5.519  | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 30908    | 5.047  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 9.187  | 196  | 33613    | 5.194  | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 122568   | 6.105  | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 98102    | 5.861  | ng    | 98       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 22188    | 4.193  | ng    | 98       |
| 49) Acenaphthylene            | 9.781  | 152  | 136204   | 5.788  | ng    | 98       |
| 50) Dimethylphthalate         | 9.634  | 163  | 109323   | 5.677  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 15228    | 4.265  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143876.D  
 Acq On : 06 Oct 2025 10:28  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:14:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 9.951  | 154  | 89242    | 5.787 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 19400    | 4.437 | ng #  | 97       |
| 55) Dibenzofuran              | 10.128 | 168  | 127374   | 5.852 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 19103    | 3.932 | ng #  | 97       |
| 58) Fluorene                  | 10.469 | 166  | 105607   | 6.430 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232  | 20888    | 4.560 | ng #  | 96       |
| 60) Diethylphthalate          | 10.339 | 149  | 100010   | 5.590 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 52199    | 6.011 | ng    | 95       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 19447    | 4.625 | ng    | 95       |
| 63) Azobenzene                | 10.622 | 77   | 105174   | 5.625 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 10.575 | 169  | 95847    | 5.671 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 33236    | 5.587 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.016 | 284  | 37233    | 5.406 | ng    | 97       |
| 69) Atrazine                  | 11.104 | 200  | 26507    | 5.174 | ng    | 93       |
| 71) Phenanthrene              | 11.433 | 178  | 156676   | 6.004 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 156289   | 5.928 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 136597   | 5.850 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 146596   | 5.417 | ng    | 98       |
| 75) Fluoranthene              | 12.627 | 202  | 155574   | 5.771 | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 174542   | 5.510 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 44252    | 4.302 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.045 | 228  | 127434   | 5.125 | ng    | 98       |
| 83) Chrysene                  | 14.080 | 228  | 130450   | 5.669 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 56165    | 4.529 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.021 | 276  | 88321    | 4.544 | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 15.098 | 252  | 95737    | 5.255 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.127 | 252  | 90226    | 5.352 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 79275    | 5.018 | ng #  | 96       |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 70452    | 4.507 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.474 | 276  | 70468    | 4.508 | ng    | 96       |

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

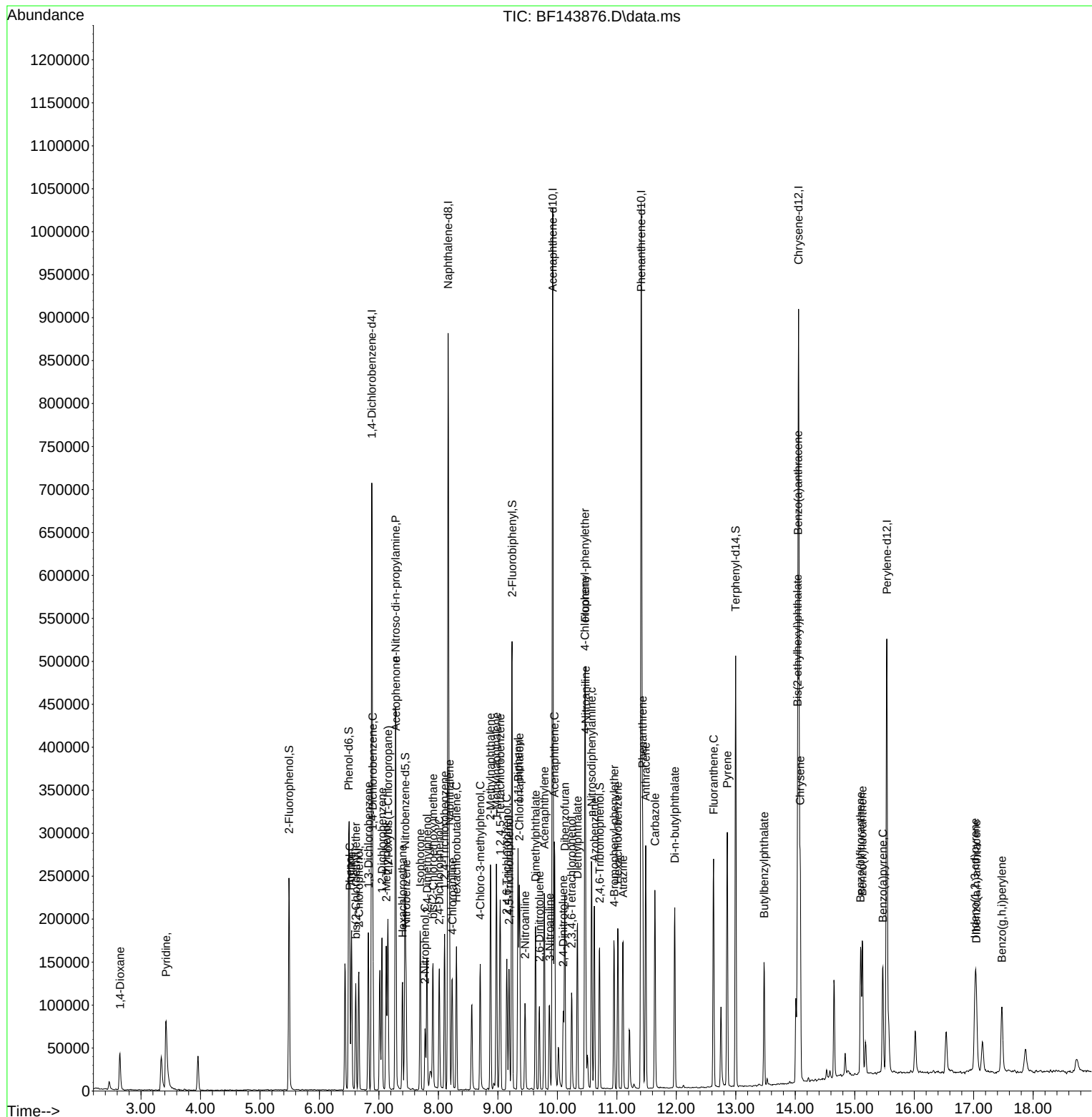
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Data File : BF143876.D  
Acq On    : 06 Oct 2025  10:28  
Operator  : RC/JU  
Sample    : SSTDICC005  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC005

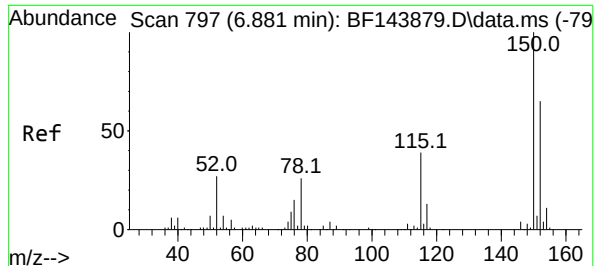
## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:14:06 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

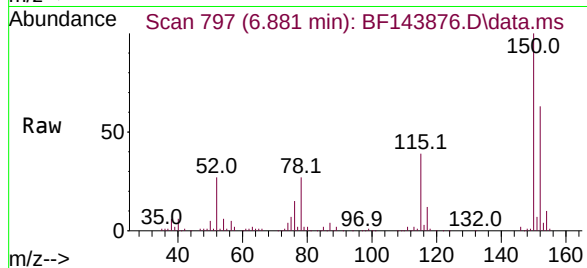






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

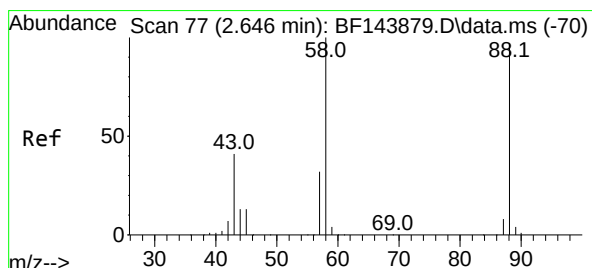
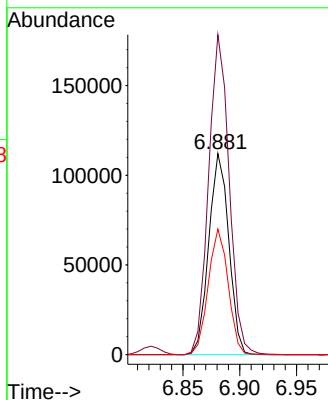
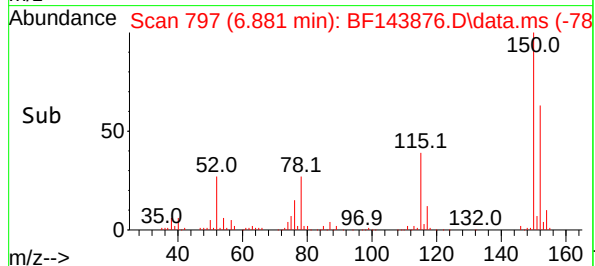
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:152 Resp: 137596  
Ion Ratio Lower Upper  
152 100  
150 159.1 124.4 186.6  
115 62.4 48.1 72.1

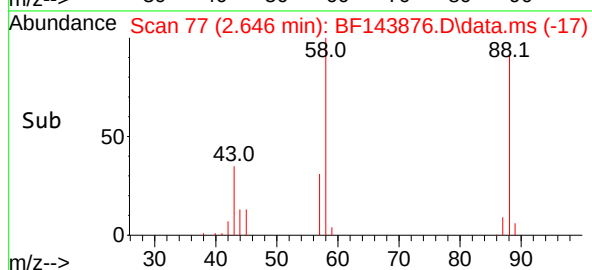
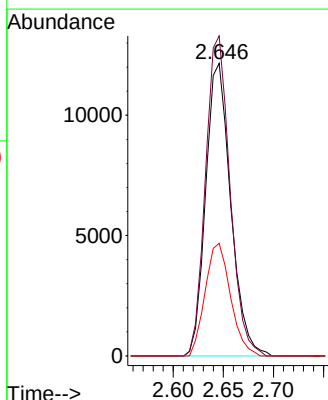
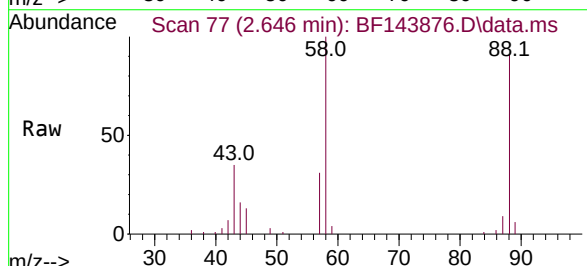
Manual Integrations  
APPROVED

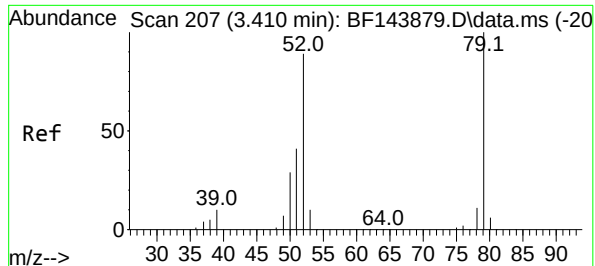
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#2  
1,4-Dioxane  
Concen: 5.265 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

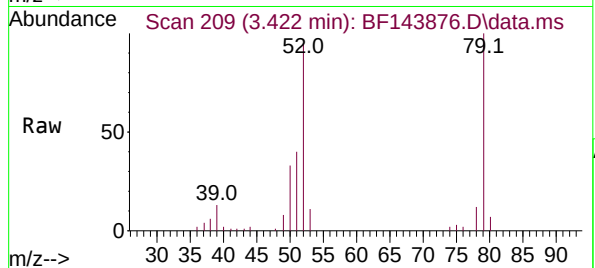
Tgt Ion: 88 Resp: 21110  
Ion Ratio Lower Upper  
88 100  
58 106.6 83.0 124.6  
43 38.9 33.9 50.9





#3  
Pyridine  
Concen: 4.984 ng  
RT: 3.422 min Scan# 207  
Delta R.T. 0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

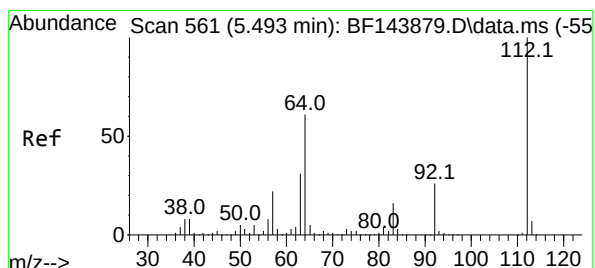
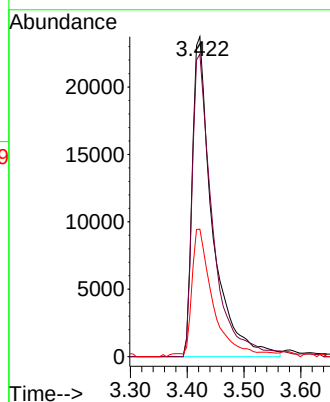
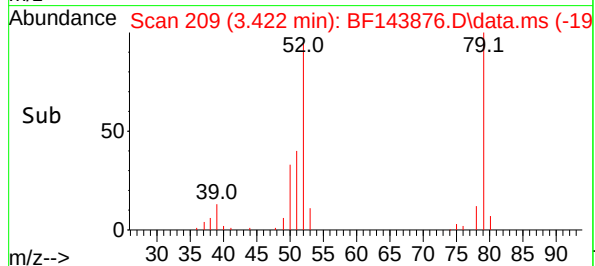
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion: 79 Resp: 58179  
Ion Ratio Lower Upper  
79 100  
52 94.5 71.5 107.3  
51 39.8 32.9 49.3

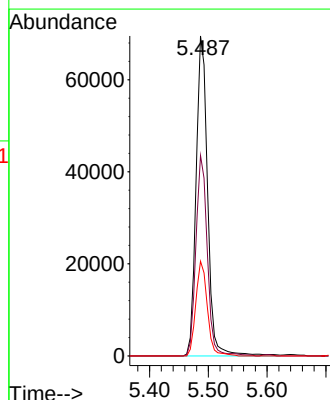
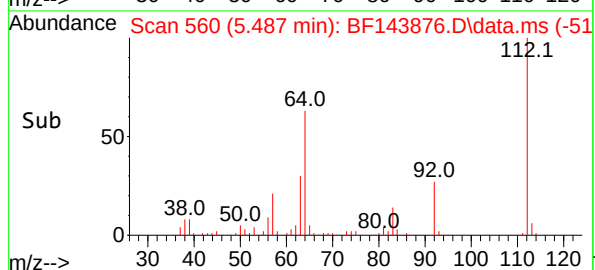
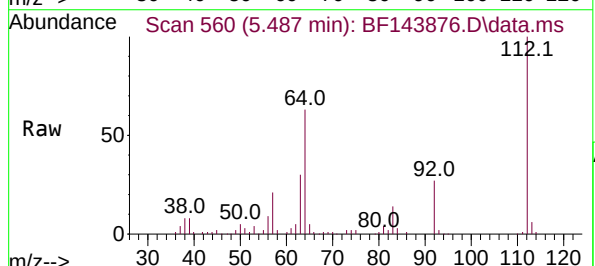
Manual Integrations  
APPROVED

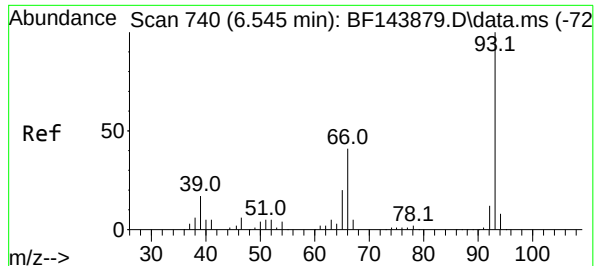
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#5  
2-Fluorophenol  
Concen: 10.942 ng  
RT: 5.487 min Scan# 560  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

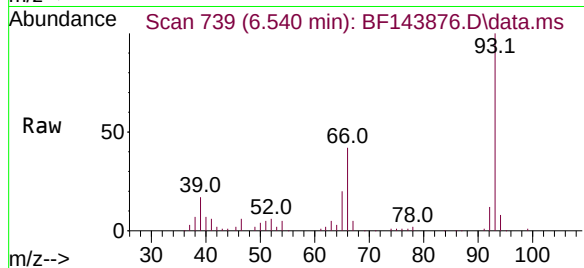
Tgt Ion:112 Resp: 94810  
Ion Ratio Lower Upper  
112 100  
64 62.6 49.1 73.7  
63 29.6 24.5 36.7





#6  
Aniline  
Concen: 5.335 ng  
RT: 6.540 min Scan# 731  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

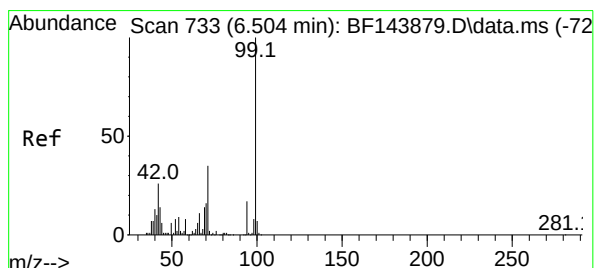
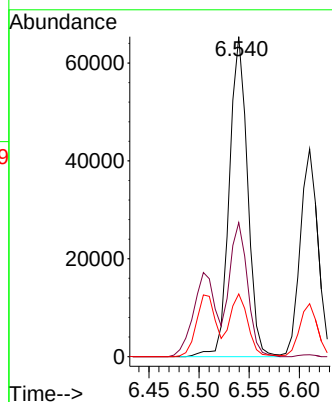
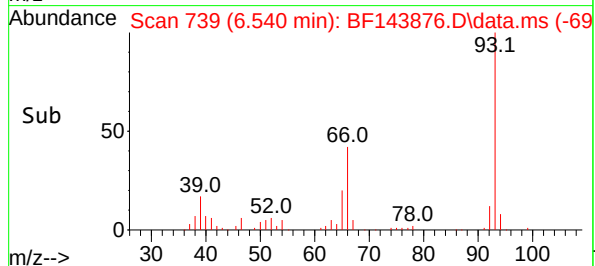
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion: 93 Resp: 82563  
Ion Ratio Lower Upper  
93 100  
66 41.9 33.0 49.6  
65 19.6 15.8 23.8

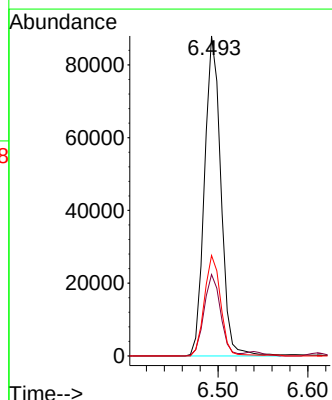
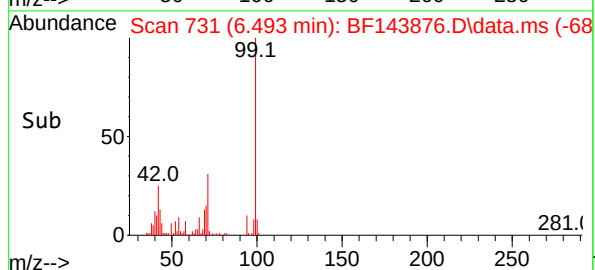
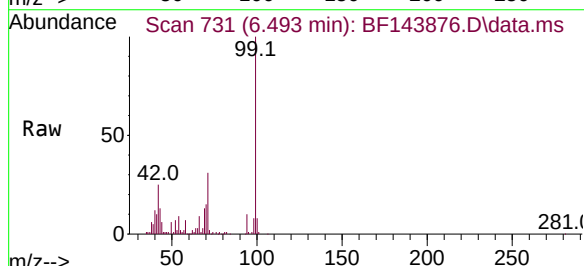
Manual Integrations  
APPROVED

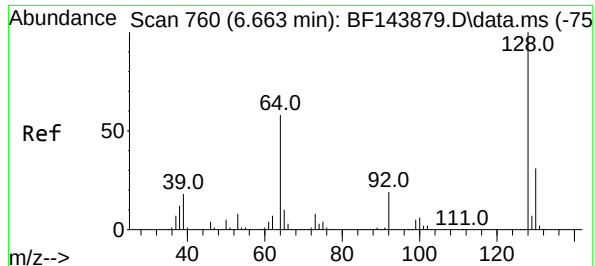
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#7  
Phenol-d6  
Concen: 10.832 ng  
RT: 6.493 min Scan# 731  
Delta R.T. -0.023 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

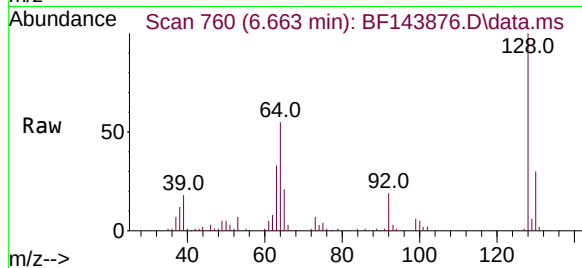
Tgt Ion: 99 Resp: 111877  
Ion Ratio Lower Upper  
99 100  
42 25.4 21.0 31.4  
71 31.4 27.8 41.8





#8  
2-Chlorophenol  
Concen: 5.376 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

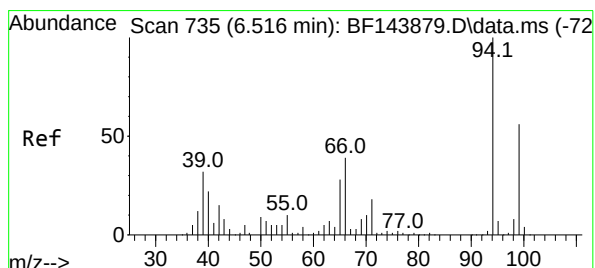
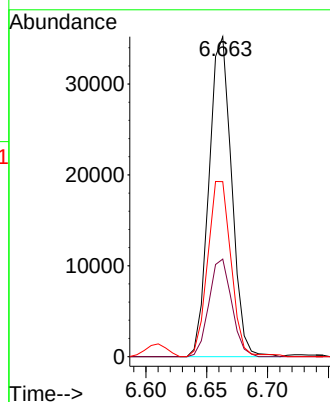
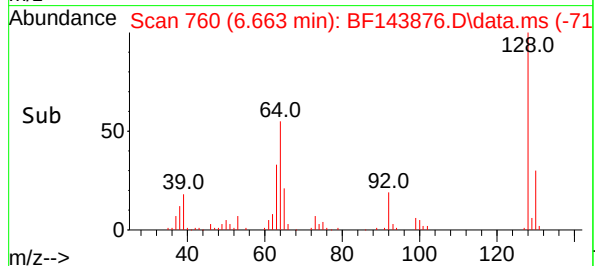
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC005



Tgt Ion: 128 Resp: 45534  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.7 50.7  
64 54.7 39.0 79.0

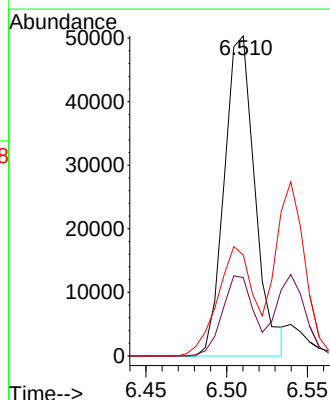
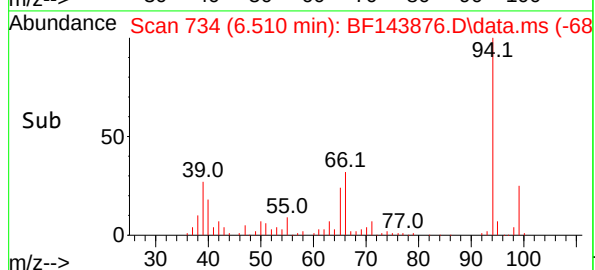
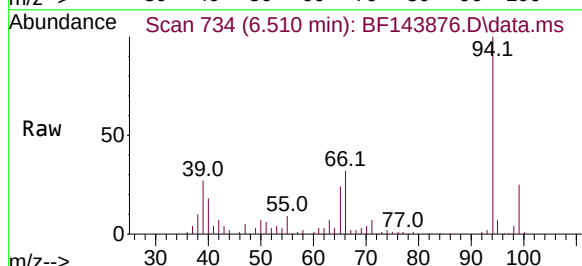
Manual Integrations  
APPROVED

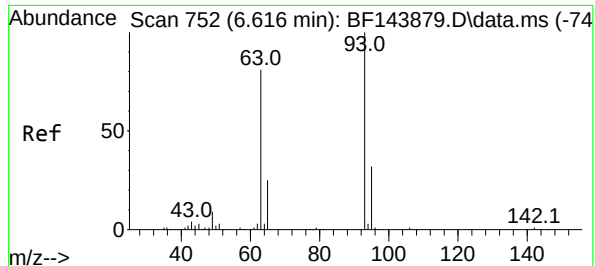
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#10  
Phenol  
Concen: 5.388 ng m  
RT: 6.510 min Scan# 734  
Delta R.T. -0.023 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion: 94 Resp: 66523  
Ion Ratio Lower Upper  
94 100  
65 24.5 8.5 48.5  
66 31.6 19.9 59.9





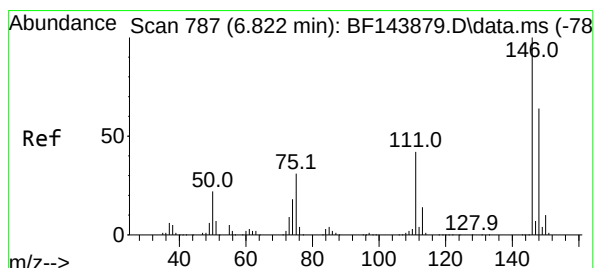
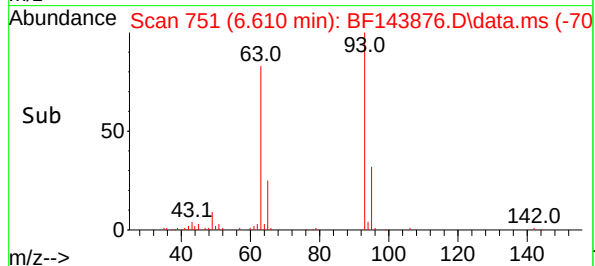
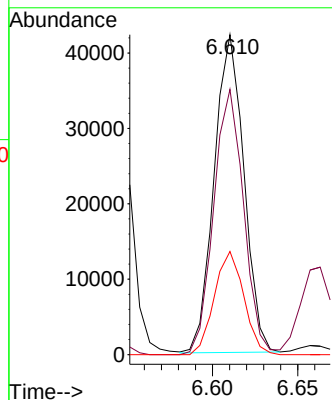
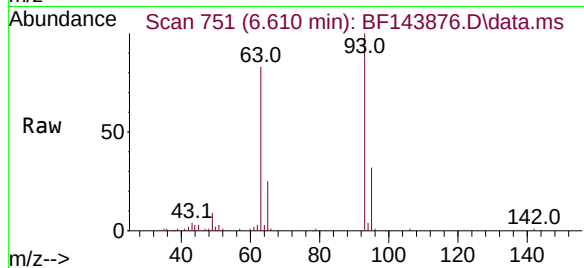
#11  
bis(2-Chloroethyl)ether  
Concen: 5.364 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion: 93 Resp: 51163  
Ion Ratio Lower Upper  
93 100  
63 82.9 60.9 100.9  
95 32.2 11.5 51.5

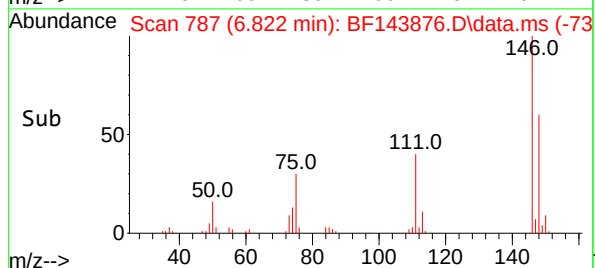
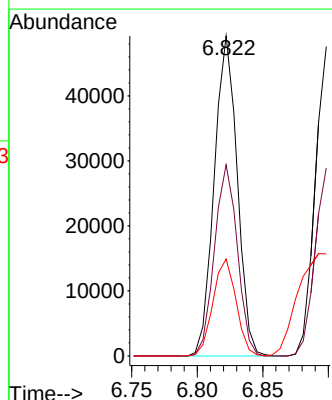
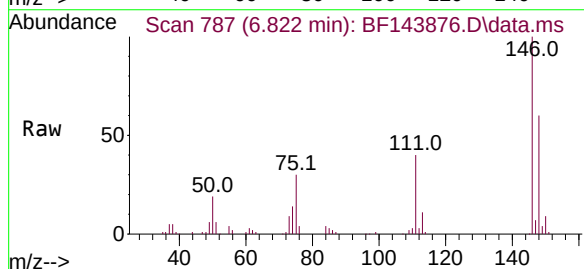
Manual Integrations  
APPROVED

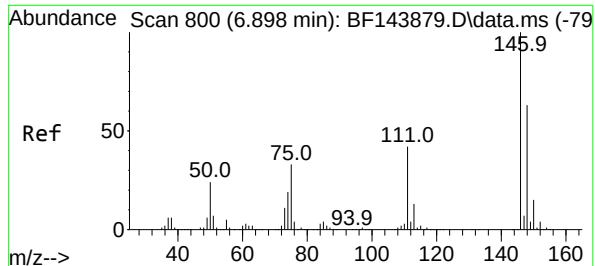
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 5.911 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion:146 Resp: 59929  
Ion Ratio Lower Upper  
146 100  
148 59.7 51.0 76.4  
75 30.3 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 5.686 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 56869

Ion Ratio Lower Upper

146 100

148 60.7 50.5 75.7

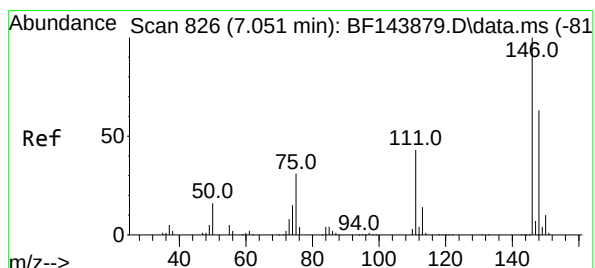
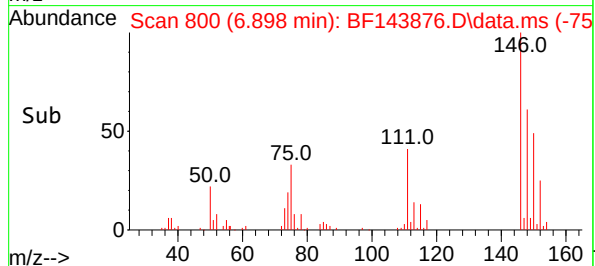
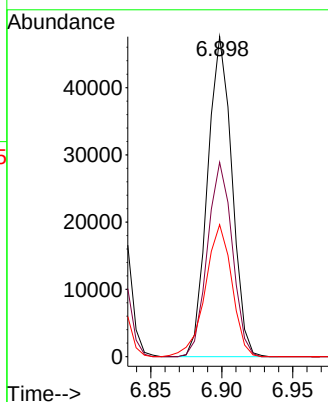
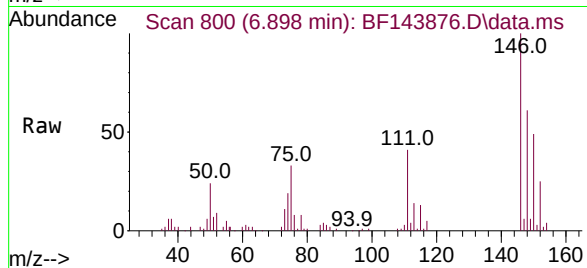
111 41.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 5.676 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

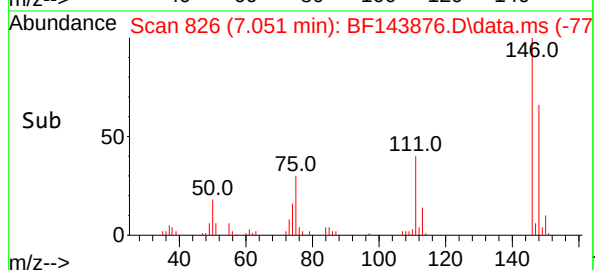
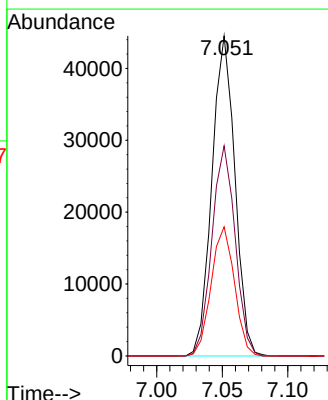
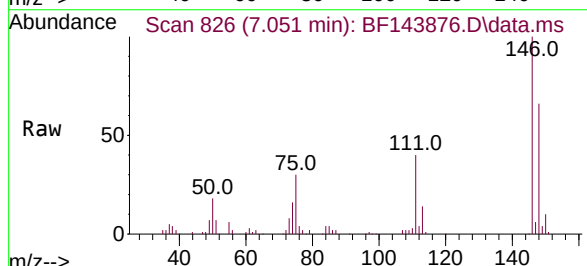
Tgt Ion:146 Resp: 54371

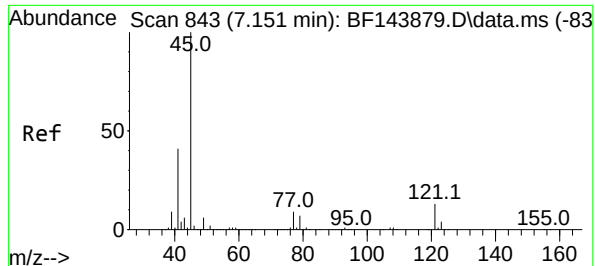
Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

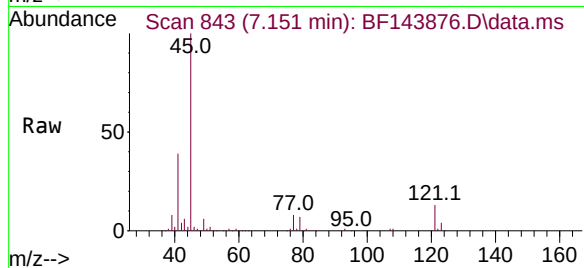
111 40.3 34.6 51.8





#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.577 ng  
RT: 7.151 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

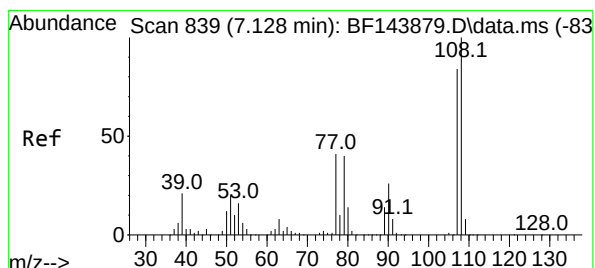
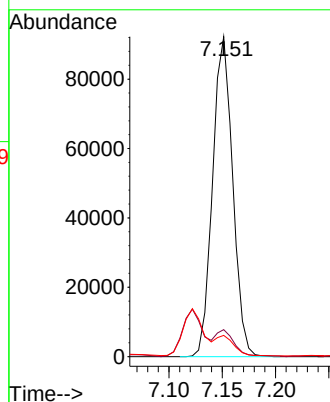
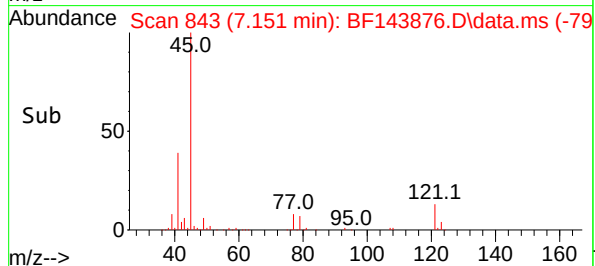
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion: 45 Resp: 121082  
Ion Ratio Lower Upper  
45 100  
77 8.4 0.0 29.0  
79 6.6 0.0 26.8

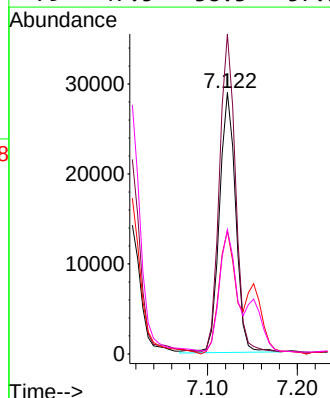
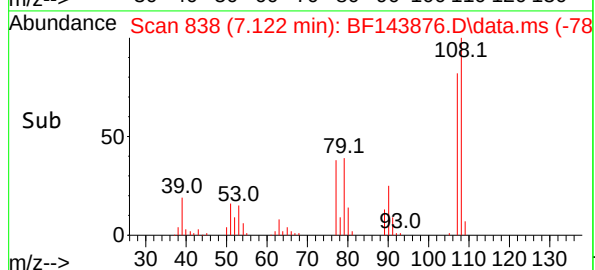
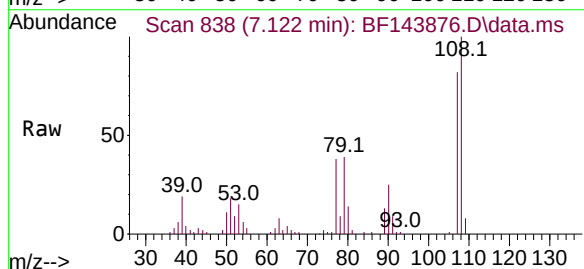
Manual Integrations  
APPROVED

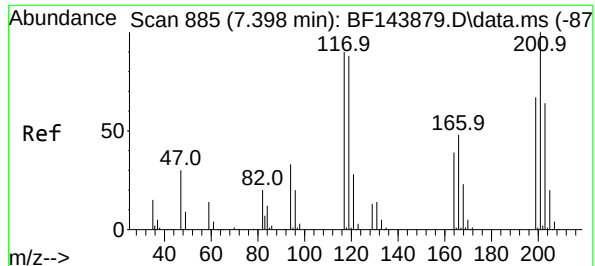
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#17  
2-Methylphenol  
Concen: 5.228 ng  
RT: 7.122 min Scan# 838  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

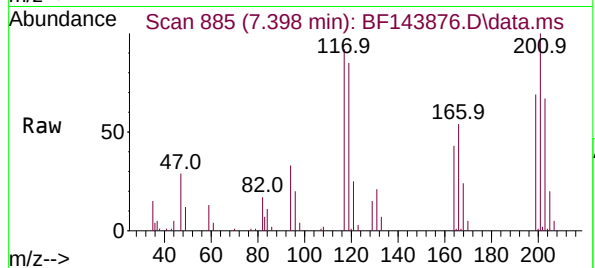
Tgt Ion:107 Resp: 36595  
Ion Ratio Lower Upper  
107 100  
108 122.4 94.7 142.1  
77 47.0 38.8 58.2  
79 47.5 38.3 57.5





#18  
Hexachloroethane  
Concen: 5.501 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

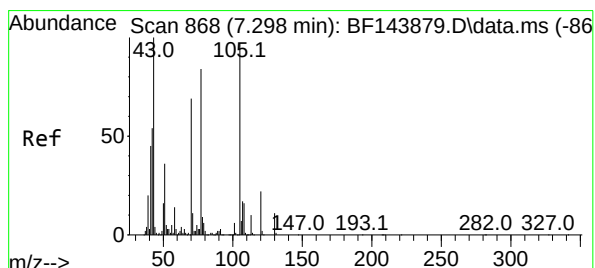
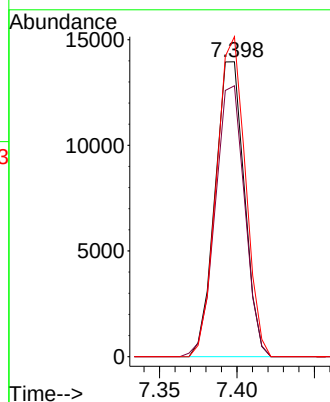
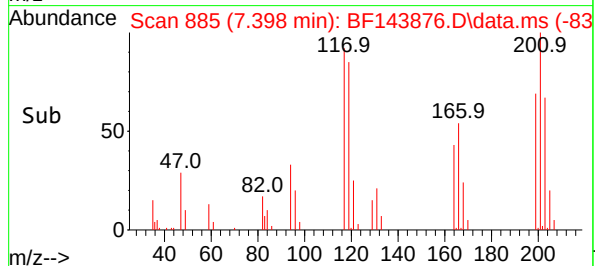
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion: 117 Resp: 18346  
Ion Ratio Lower Upper  
117 100  
119 91.8 77.8 116.8  
201 108.5 88.5 132.7

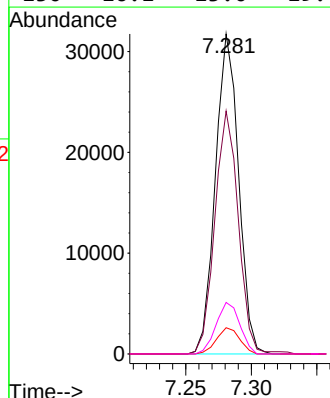
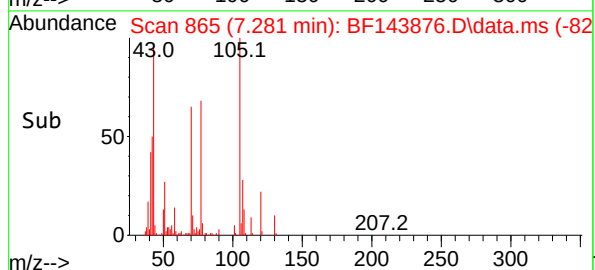
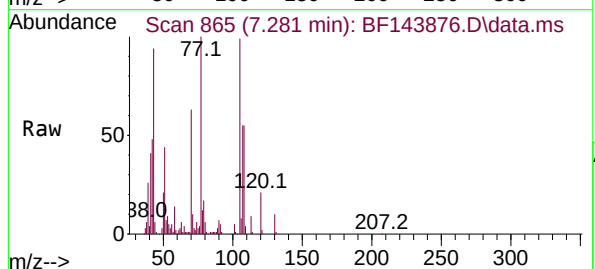
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

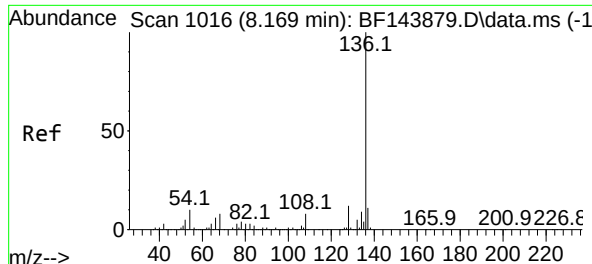


#19  
n-Nitroso-di-n-propylamine  
Concen: 5.524 ng  
RT: 7.281 min Scan# 865  
Delta R.T. -0.035 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion: 70 Resp: 39050  
Ion Ratio Lower Upper  
70 100  
42 75.9 62.8 94.2  
101 8.2 6.7 10.1  
130 16.1 13.0 19.4

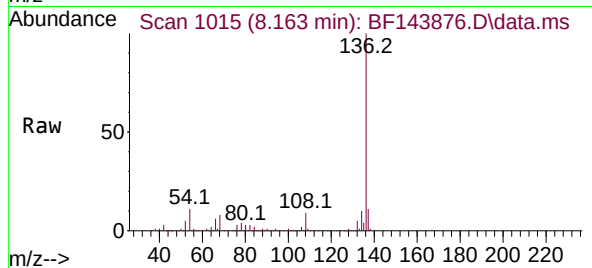






#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

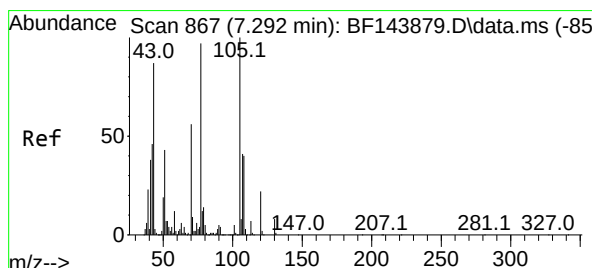
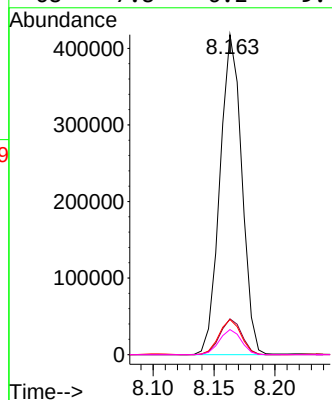
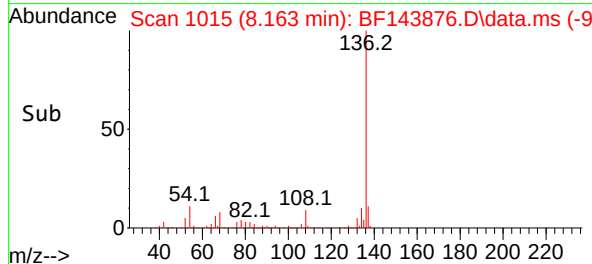
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:136 Resp: 524114  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.5 12.7  
54 11.0 8.2 12.4  
68 7.8 6.2 9.4

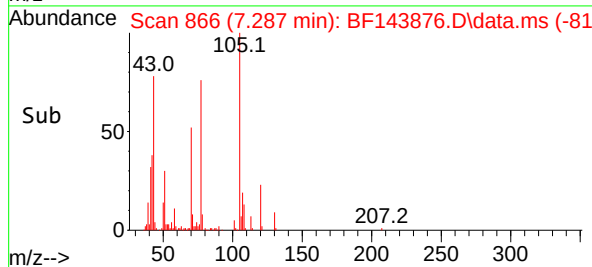
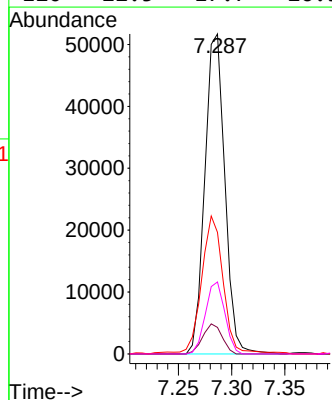
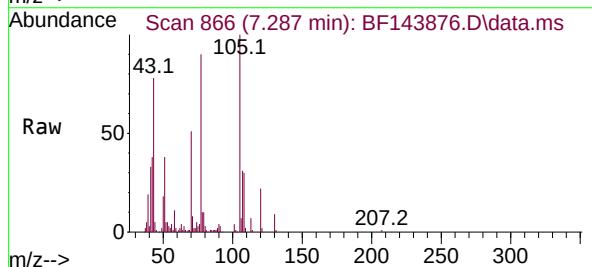
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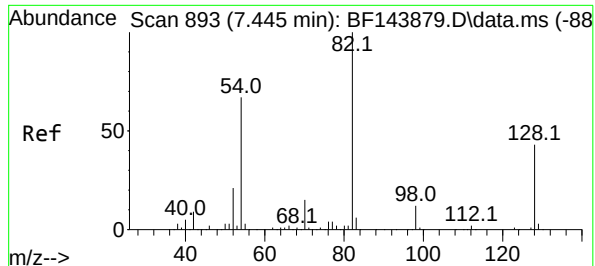
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#22  
Acetophenone  
Concen: 6.092 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion:105 Resp: 67515  
Ion Ratio Lower Upper  
105 100  
71 8.3 7.4 11.0  
51 38.0 34.2 51.4  
120 22.5 17.7 26.5





#23

Nitrobenzene-d5

Concen: 9.862 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

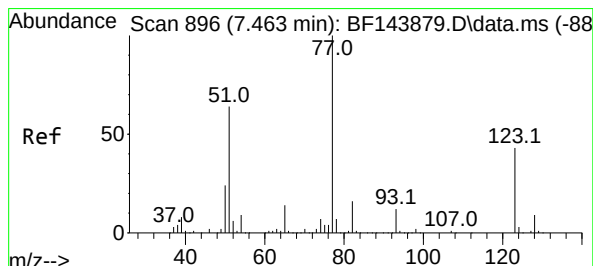
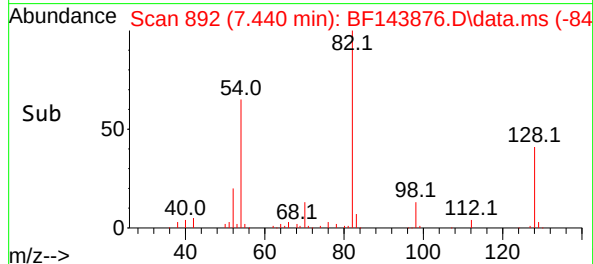
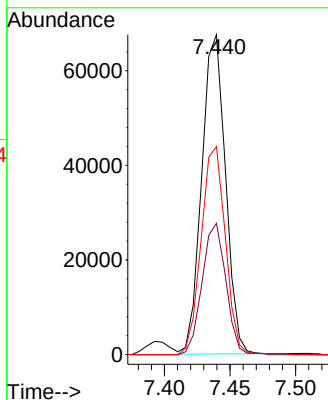
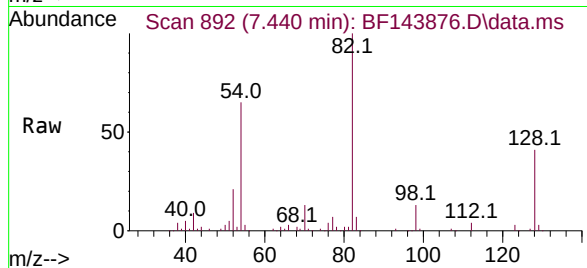
SSTDICC005

| Tgt Ion: | 82    | Resp: | 85080 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.0  | 34.0  | 51.0  |
| 54       | 65.0  | 53.2  | 79.8  |

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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 5.054 ng

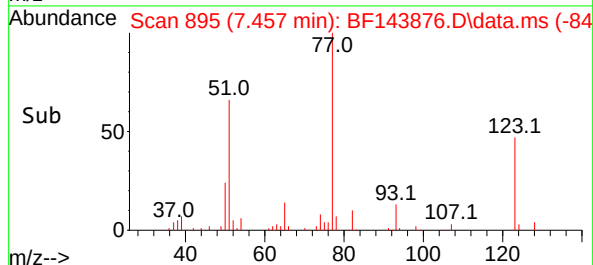
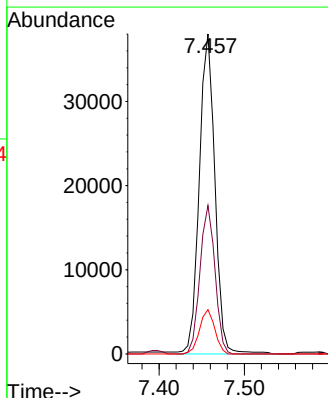
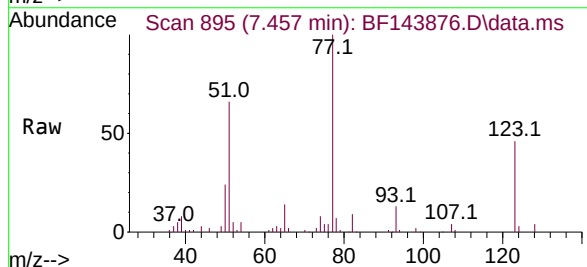
RT: 7.457 min Scan# 895

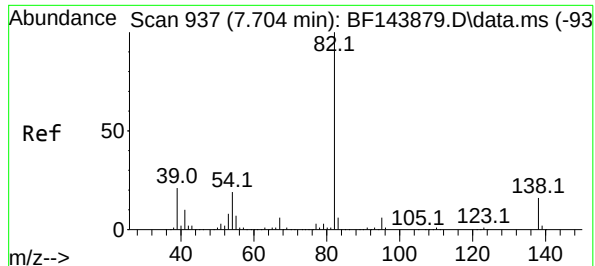
Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

| Tgt Ion: | 77    | Resp: | 48413 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 46.4  | 34.2  | 51.4  |
| 65       | 13.8  | 11.0  | 16.6  |





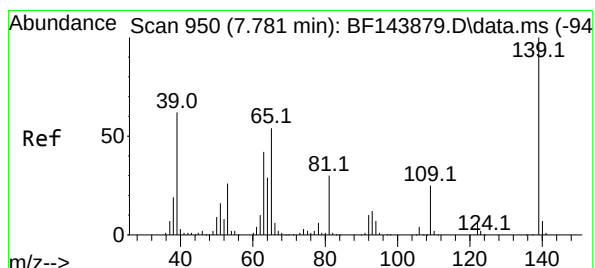
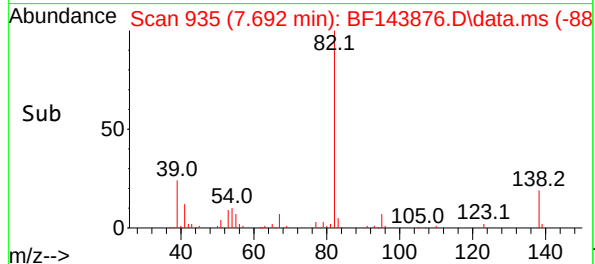
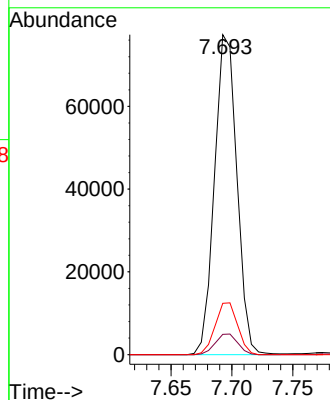
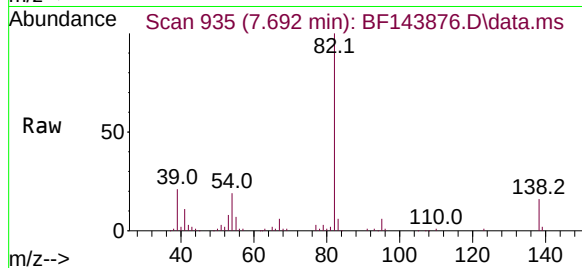
#25  
Isophorone  
Concen: 5.429 ng  
RT: 7.692 min Scan# 937  
Delta R.T. -0.029 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC005

Tgt Ion: 82 Resp: 98763  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.1 7.7  
138 16.0 12.9 19.3

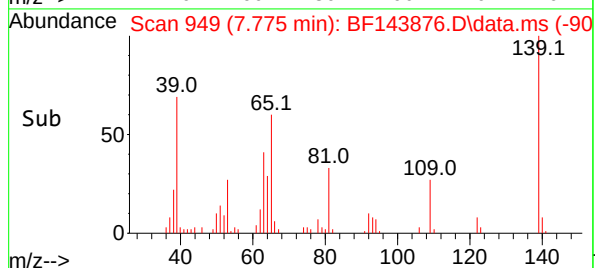
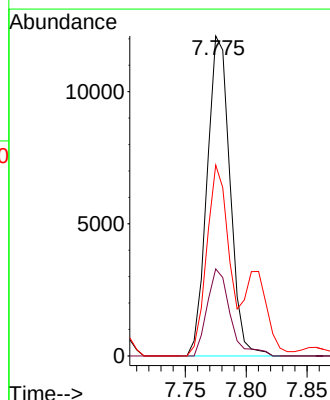
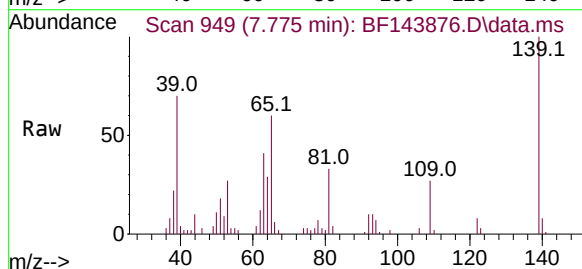
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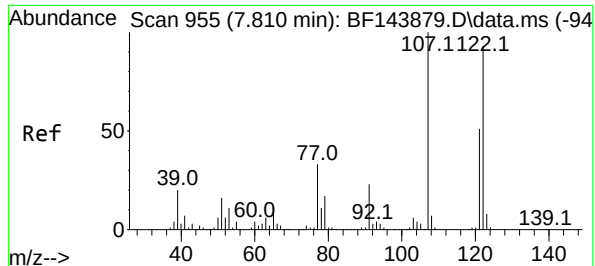
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#26  
2-Nitrophenol  
Concen: 3.864 ng  
RT: 7.775 min Scan# 949  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion:139 Resp: 15870  
Ion Ratio Lower Upper  
139 100  
109 27.2 19.8 29.6  
65 59.6 42.9 64.3





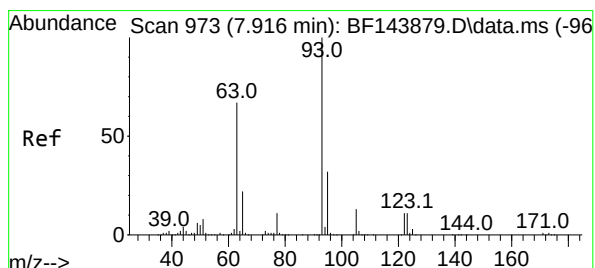
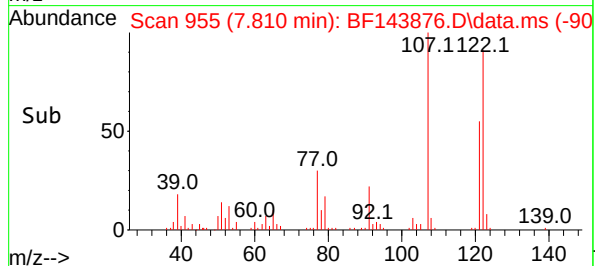
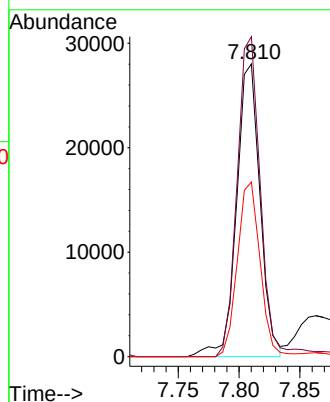
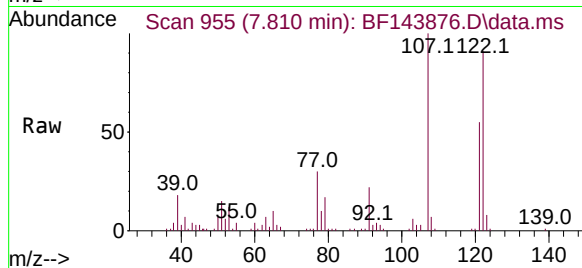
#27  
2,4-Dimethylphenol  
Concen: 5.095 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:122 Resp: 37645  
Ion Ratio Lower Upper  
122 100  
107 109.3 86.1 129.1  
121 59.6 43.8 65.6

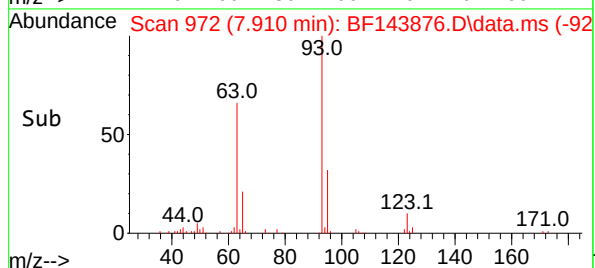
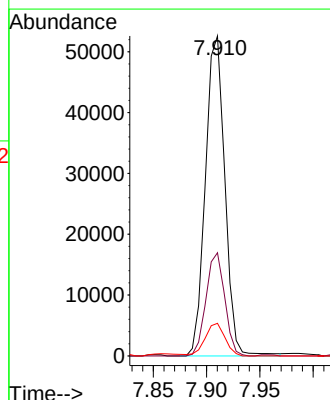
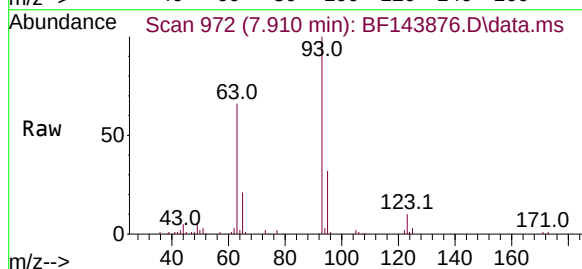
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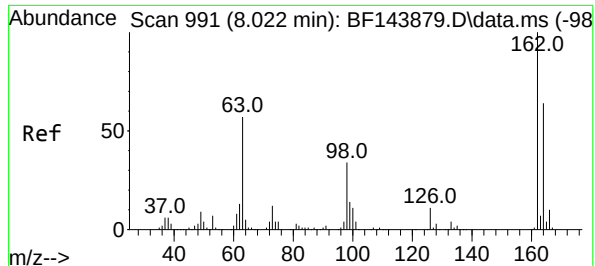
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 5.812 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion: 93 Resp: 66779  
Ion Ratio Lower Upper  
93 100  
95 32.2 25.9 38.9  
123 10.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 5.390 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

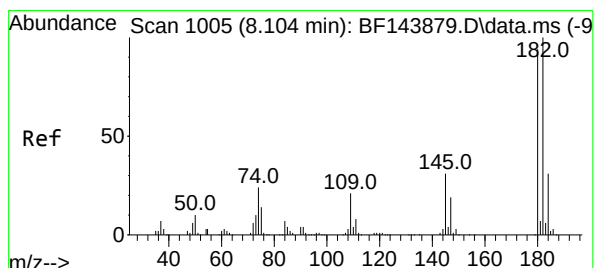
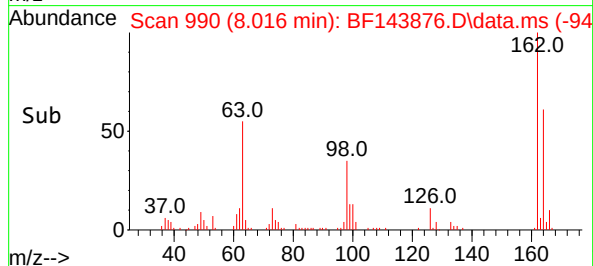
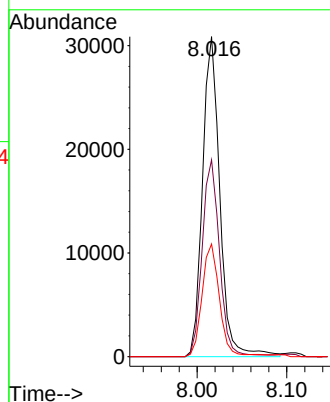
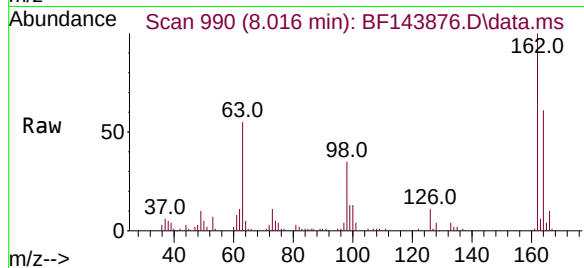
SSTDICC005

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 41484     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 61.5  | 43.9 83.9 |
| 98          | 35.2  | 14.4 54.4 |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.722 ng

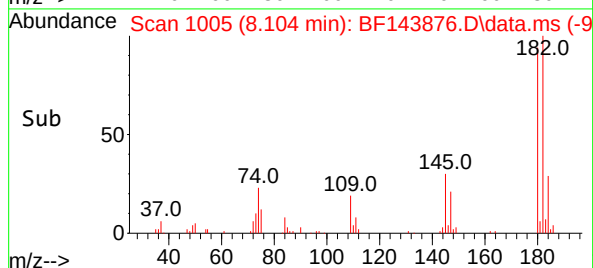
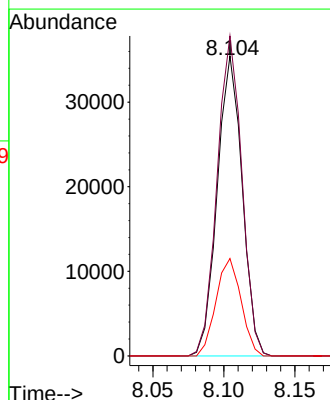
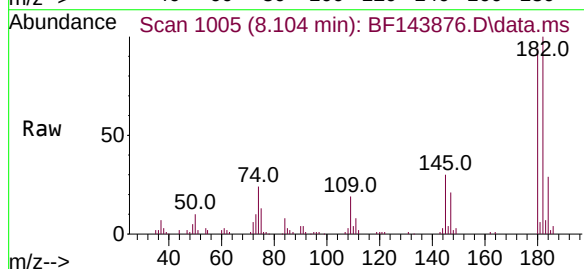
RT: 8.104 min Scan# 1005

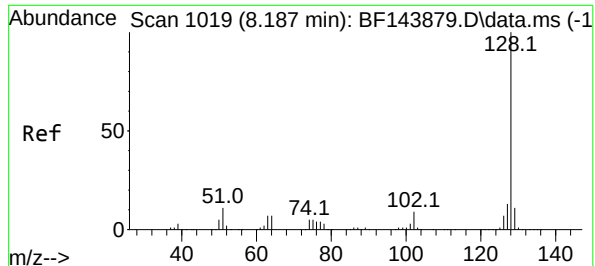
Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

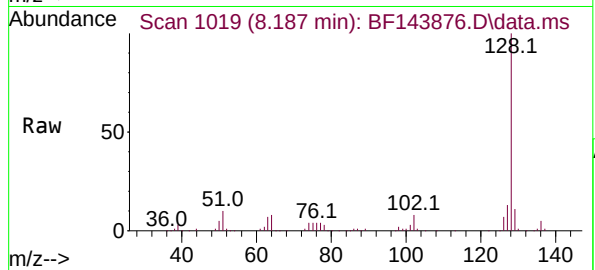
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 43309      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 106.7 | 85.4 128.0 |
| 145         | 32.5  | 26.3 39.5  |





#31  
Naphthalene  
Concen: 6.063 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

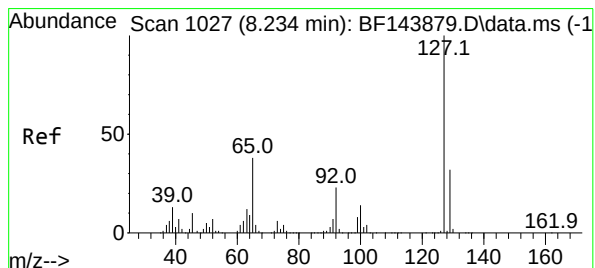
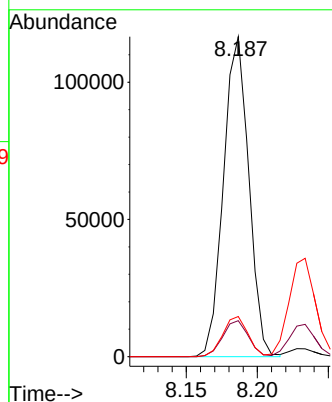
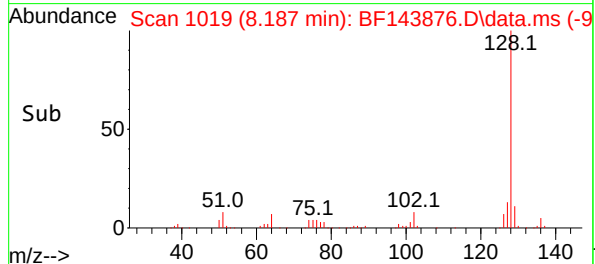
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:128 Resp: 144561  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 12.5 10.0 15.0

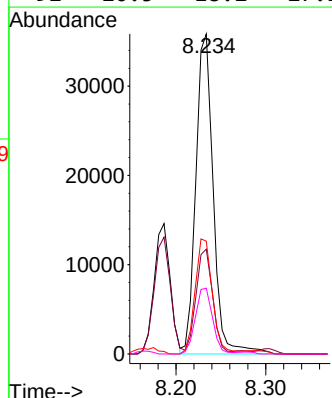
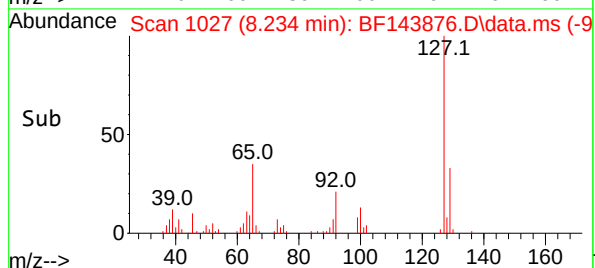
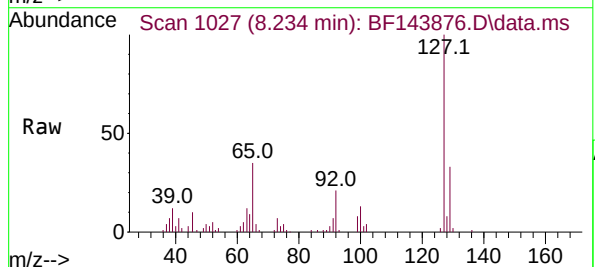
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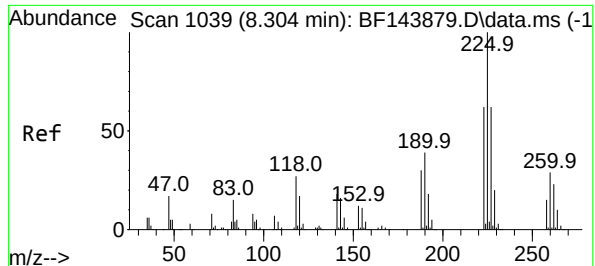
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#33  
4-Chloroaniline  
Concen: 5.388 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion:127 Resp: 48181  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.8 38.8  
65 35.2 30.0 45.0  
92 20.5 18.2 27.2





#34

Hexachlorobutadiene

Concen: 5.751 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:225 Resp: 30240

Ion Ratio Lower Upper

225 100

223 61.0 49.4 74.2

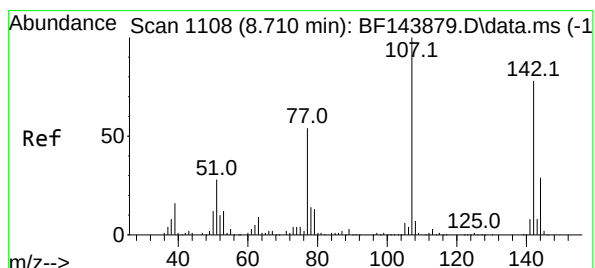
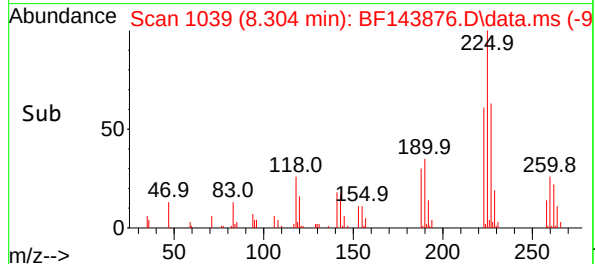
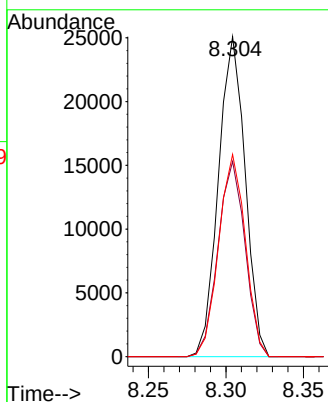
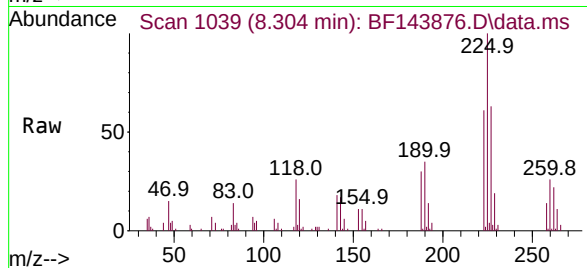
227 63.2 49.7 74.5

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#36

4-Chloro-3-methylphenol

Concen: 5.343 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

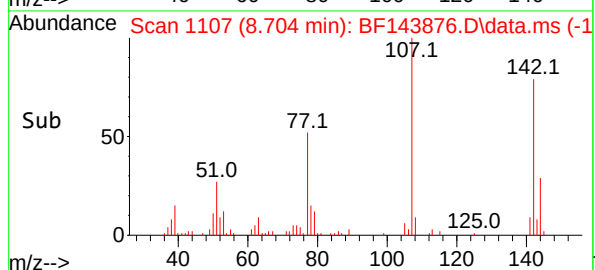
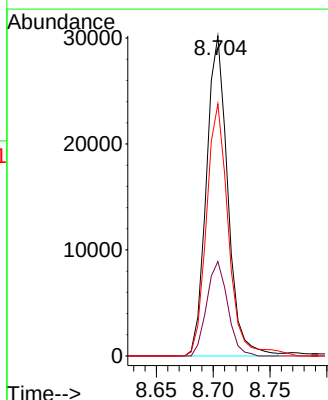
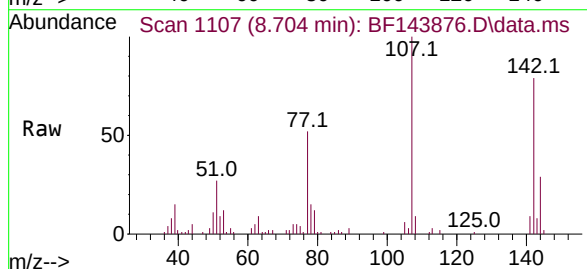
Tgt Ion:107 Resp: 39500

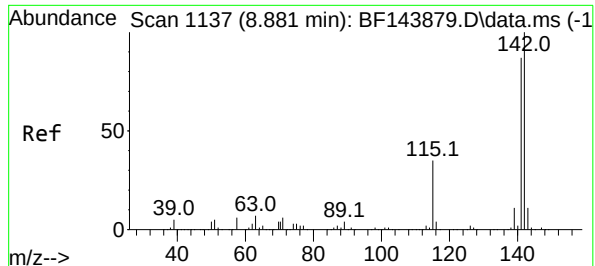
Ion Ratio Lower Upper

107 100

144 29.5 23.1 34.7

142 78.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 6.122 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 9722

Ion Ratio Lower Upper

142 100

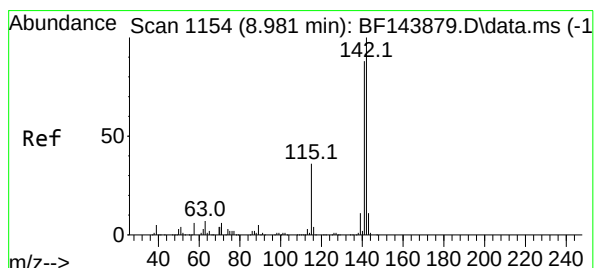
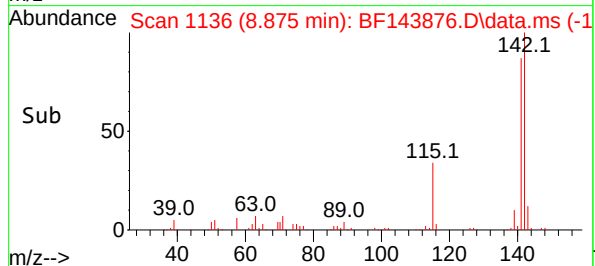
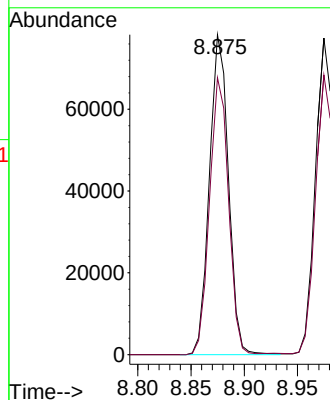
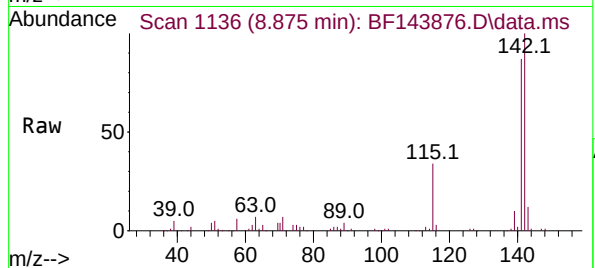
141 86.5 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 6.114 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143876.D

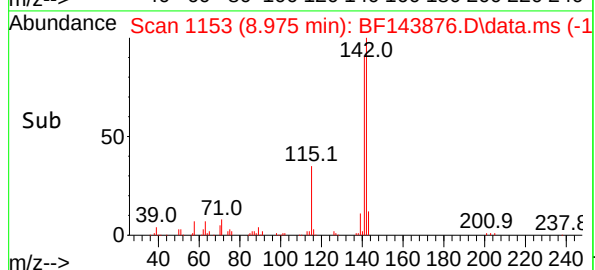
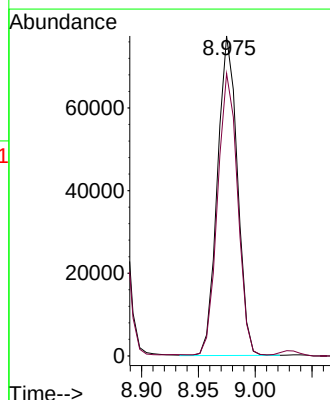
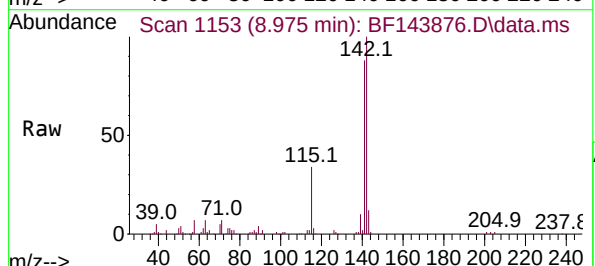
Acq: 06 Oct 2025 10:28

Tgt Ion:142 Resp: 94190

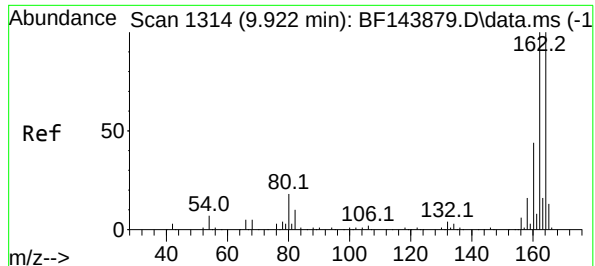
Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143876.D

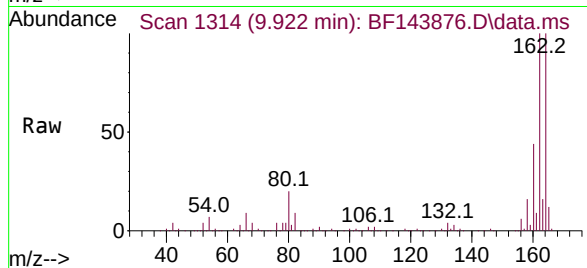
Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 303230

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

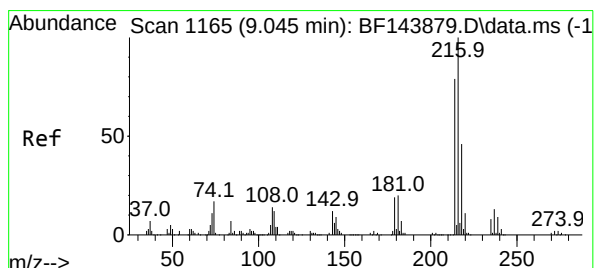
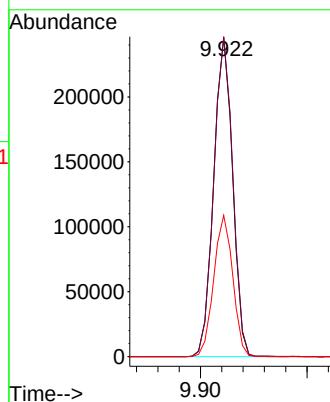
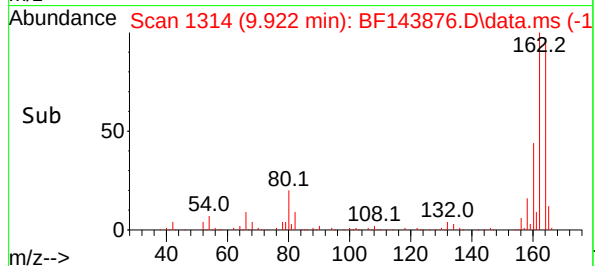
160 44.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

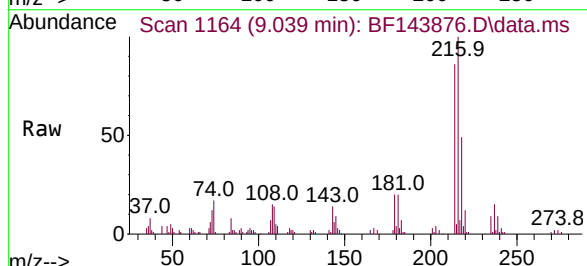
Concen: 5.519 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28



Tgt Ion:216 Resp: 46252

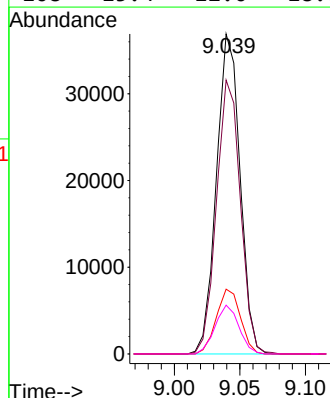
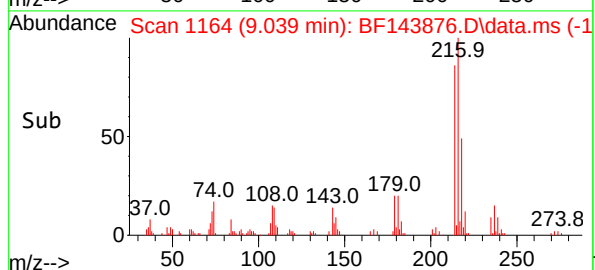
Ion Ratio Lower Upper

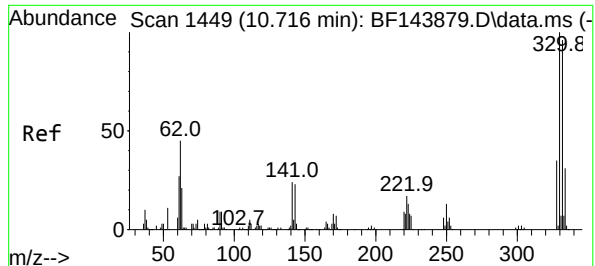
216 100

214 86.6 62.6 94.0

179 20.7 15.4 23.0

108 15.4 12.0 18.0





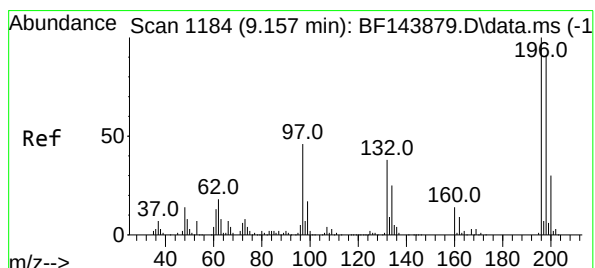
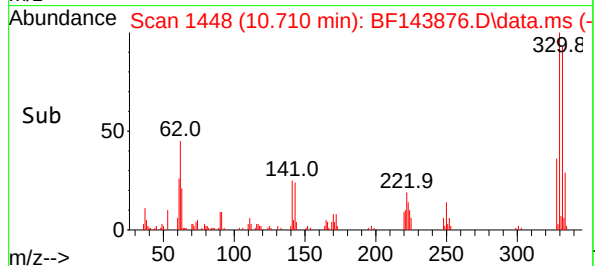
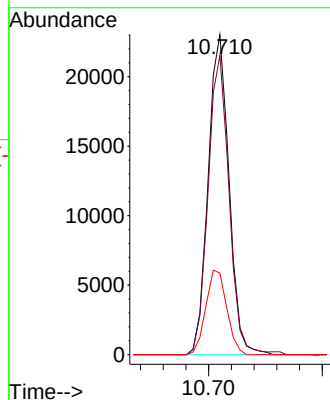
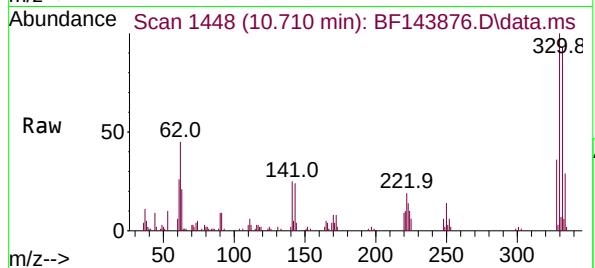
#42  
2,4,6-Tribromophenol  
Concen: 9.721 ng  
RT: 10.710 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005

Tgt Ion:330 Resp: 29360  
Ion Ratio Lower Upper  
330 100  
332 93.9 76.9 115.3  
141 26.6 20.2 30.4

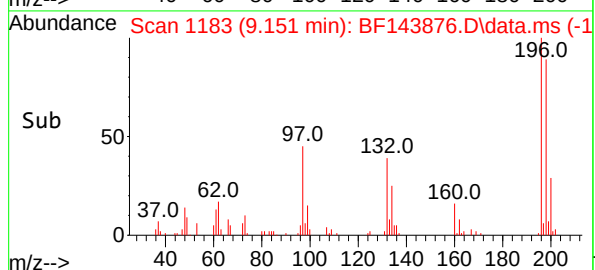
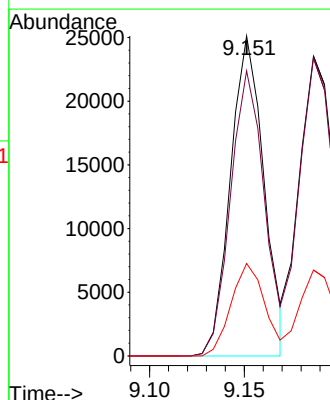
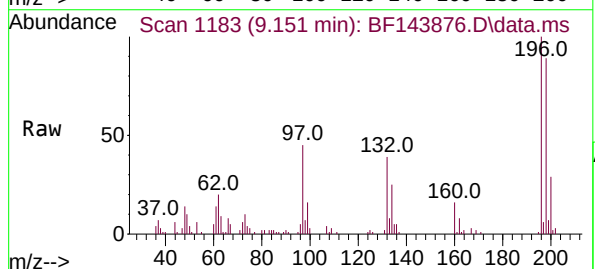
Manual Integrations  
APPROVED

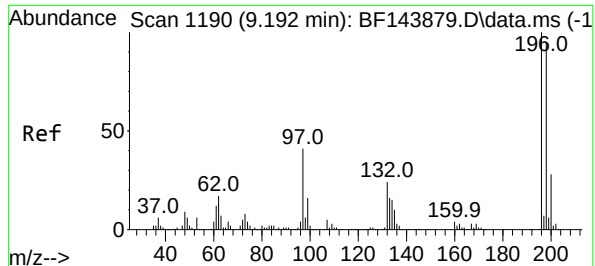
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#43  
2,4,6-Trichlorophenol  
Concen: 5.047 ng  
RT: 9.151 min Scan# 1183  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion:196 Resp: 30908  
Ion Ratio Lower Upper  
196 100  
198 89.1 72.8 109.2  
200 28.9 24.0 36.0





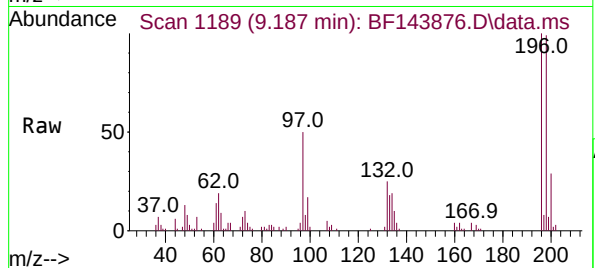
#44  
2,4,5-Trichlorophenol  
Concen: 5.194 ng  
RT: 9.187 min Scan# 1189  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

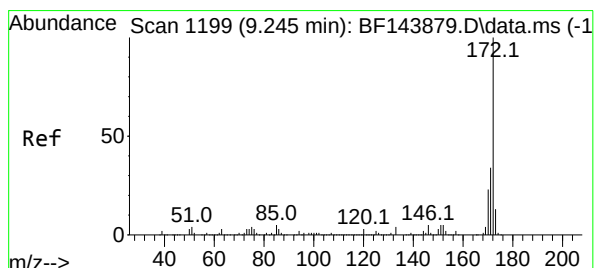
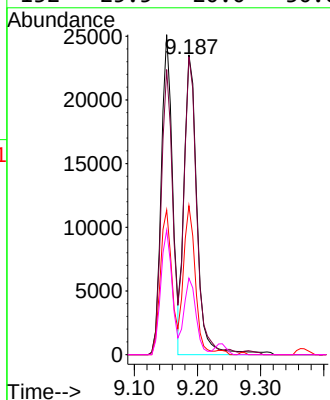
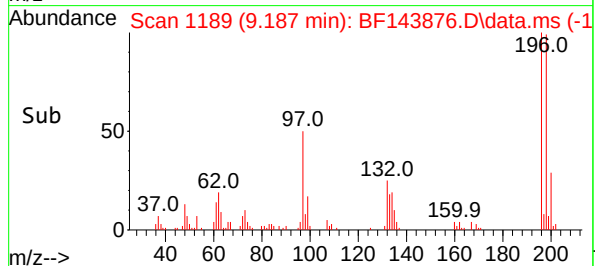


Tgt Ion:196 Resp: 33613  
Ion Ratio Lower Upper  
196 100  
198 99.4 75.5 113.3  
97 49.7 33.9 50.9  
132 25.5 20.0 30.0

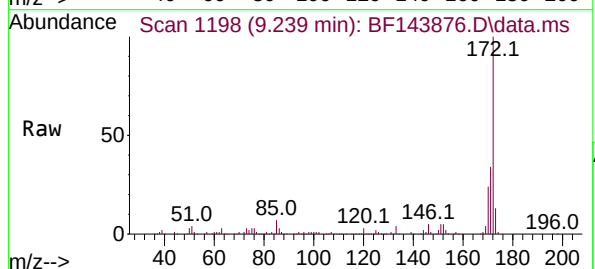
Manual Integrations

APPROVED

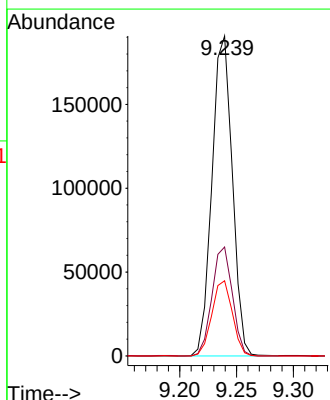
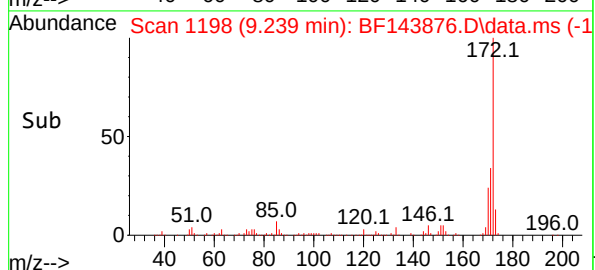
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

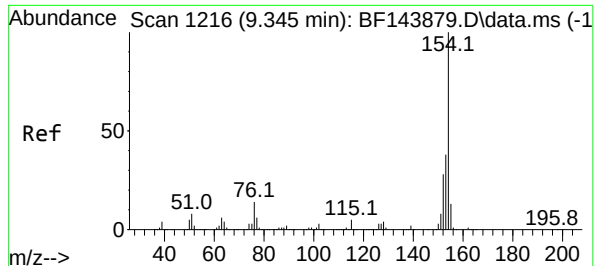


#45  
2-Fluorobiphenyl  
Concen: 12.438 ng  
RT: 9.239 min Scan# 1198  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



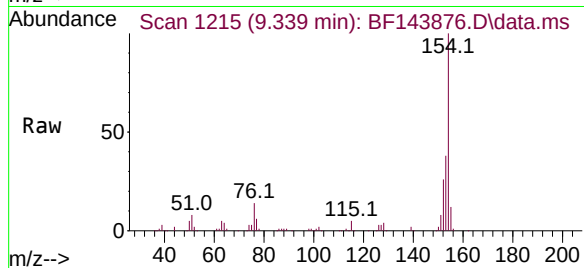
Tgt Ion:172 Resp: 237689  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.4 41.0  
170 23.5 18.6 28.0





#46  
1,1'-Biphenyl  
Concen: 6.105 ng  
RT: 9.339 min Scan# 1215  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

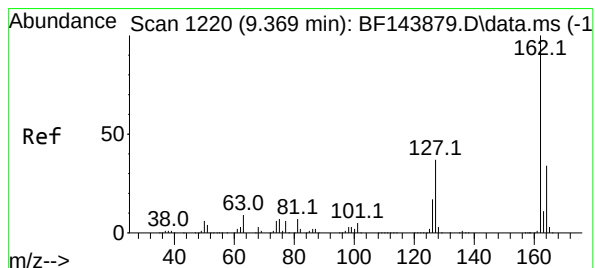
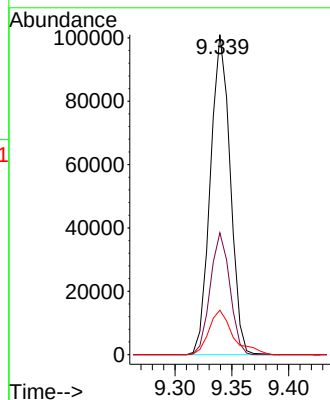
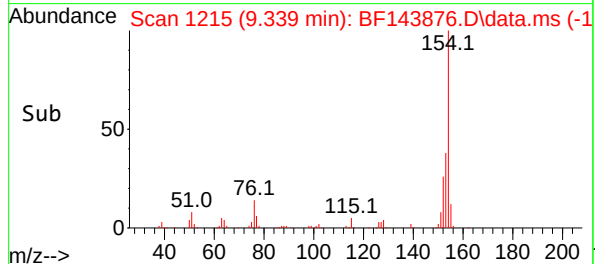
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



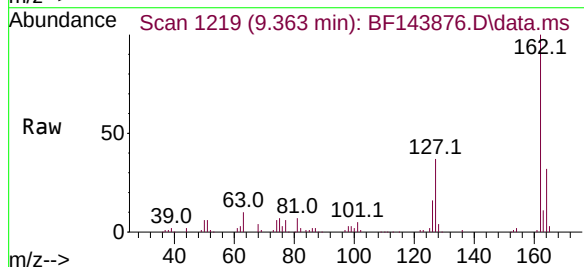
Tgt Ion:154 Resp: 122568  
Ion Ratio Lower Upper  
154 100  
153 38.1 18.4 58.4  
76 13.9 0.0 34.0

Manual Integrations  
APPROVED

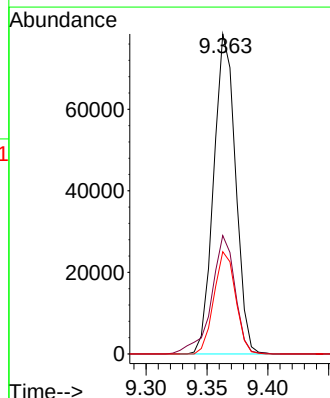
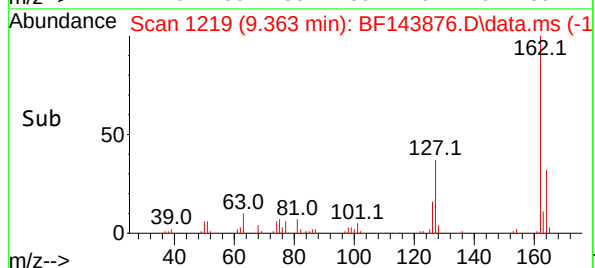
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

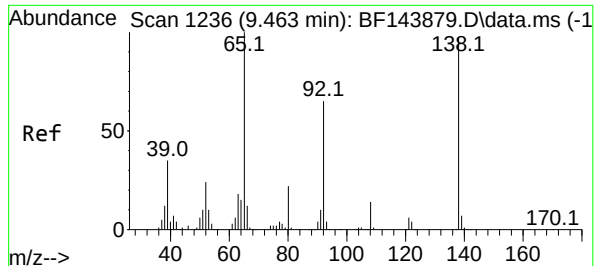


#47  
2-Chloronaphthalene  
Concen: 5.861 ng  
RT: 9.363 min Scan# 1219  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



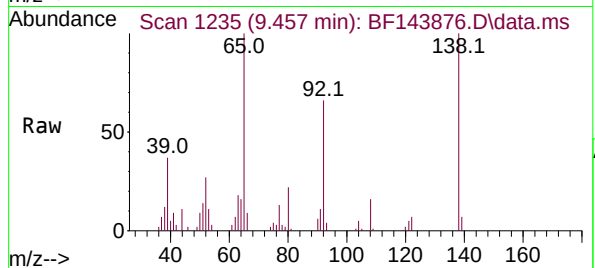
Tgt Ion:162 Resp: 98102  
Ion Ratio Lower Upper  
162 100  
127 37.0 30.2 45.2  
164 32.0 26.9 40.3





#48  
2-Nitroaniline  
Concen: 4.193 ng  
RT: 9.457 min Scan# 1235  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

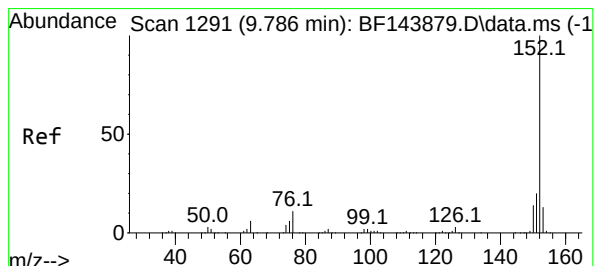
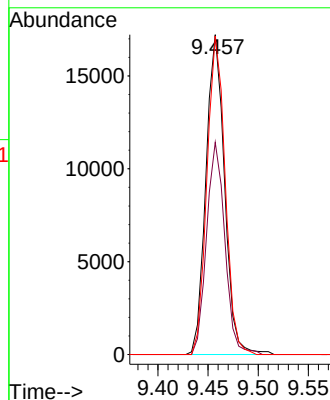
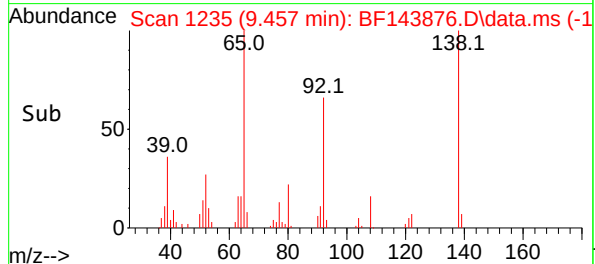
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion: 65 Resp: 22188  
Ion Ratio Lower Upper  
65 100  
92 66.3 52.1 78.1  
138 99.6 77.4 116.2

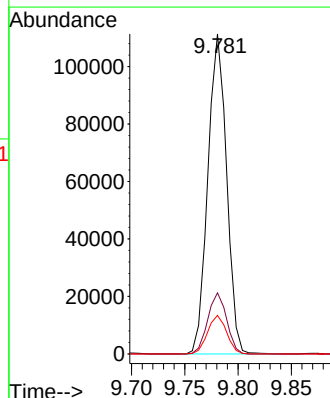
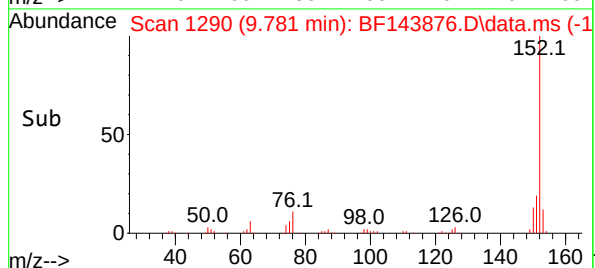
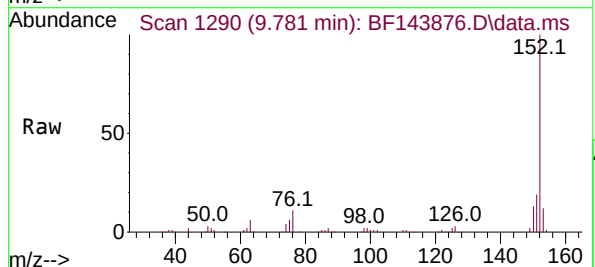
Manual Integrations  
APPROVED

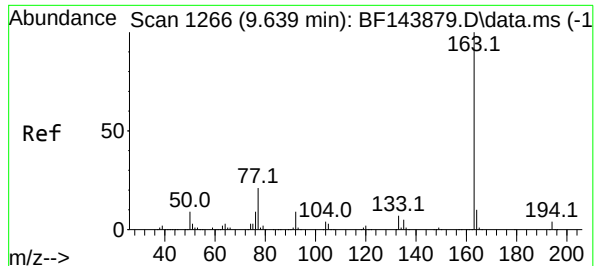
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#49  
Acenaphthylene  
Concen: 5.788 ng  
RT: 9.781 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

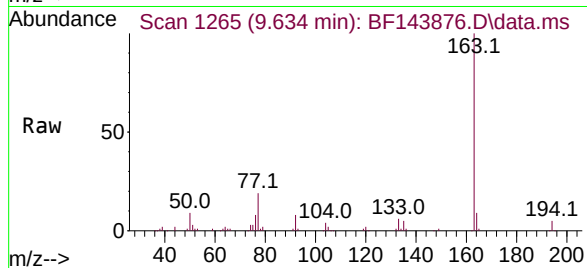
Tgt Ion:152 Resp: 136204  
Ion Ratio Lower Upper  
152 100  
151 19.1 15.8 23.6  
153 12.0 10.5 15.7





#50  
Dimethylphthalate  
Concen: 5.677 ng  
RT: 9.634 min Scan# 1265  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

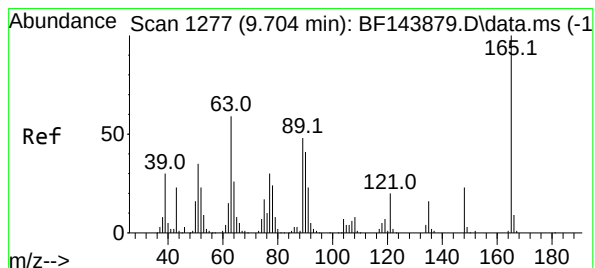
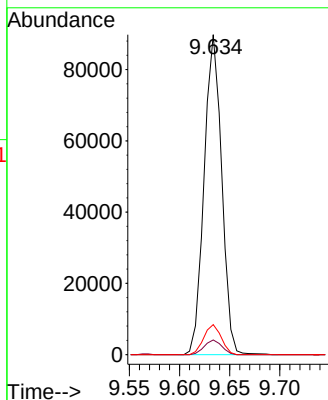
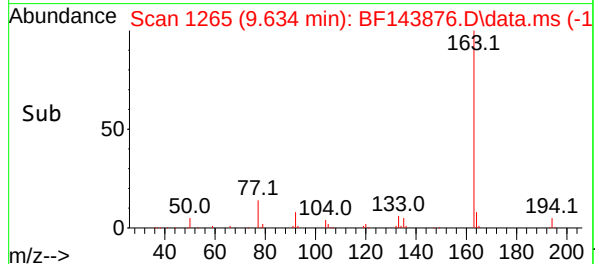
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



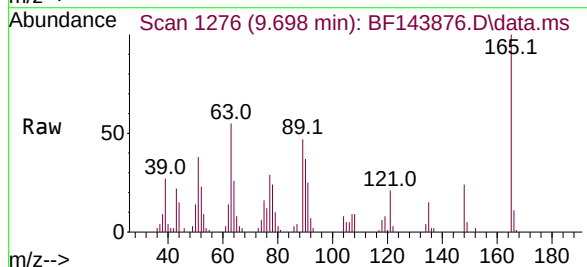
Tgt Ion:163 Resp: 109323  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.3 4.9  
164 9.4 8.1 12.1

Manual Integrations  
APPROVED

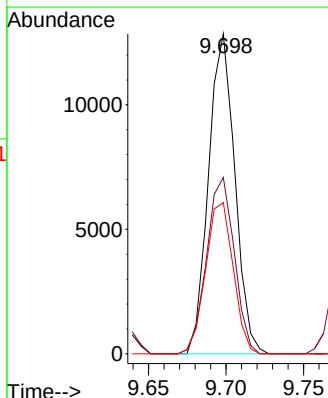
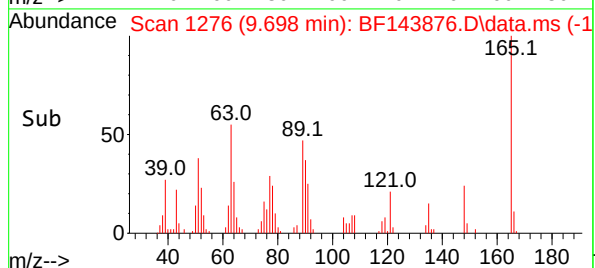
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

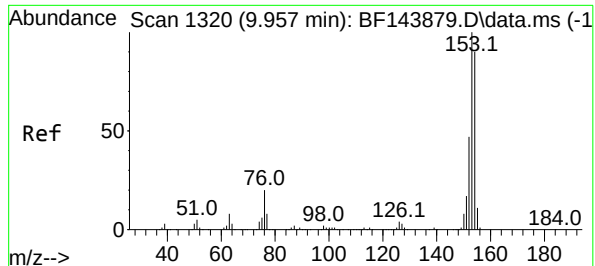


#51  
2,6-Dinitrotoluene  
Concen: 4.265 ng  
RT: 9.698 min Scan# 1276  
Delta R.T. -0.018 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



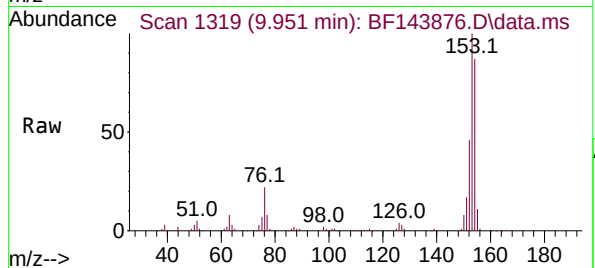
Tgt Ion:165 Resp: 15228  
Ion Ratio Lower Upper  
165 100  
63 55.1 47.3 70.9  
89 47.3 38.2 57.4





#52  
Acenaphthene  
Concen: 5.787 ng  
RT: 9.951 min Scan# 1319  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

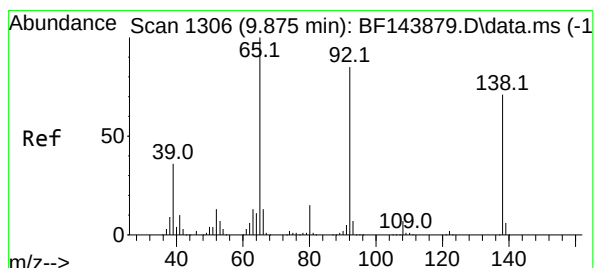
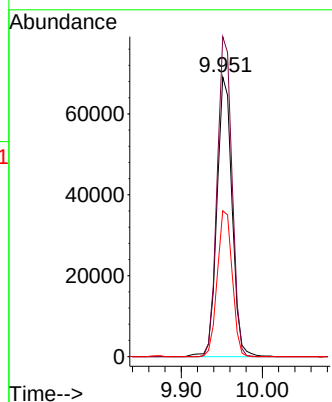
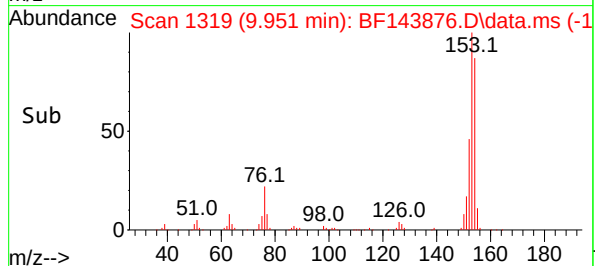
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



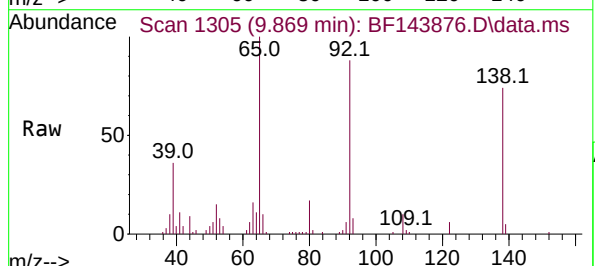
Tgt Ion:154 Resp: 89242  
Ion Ratio Lower Upper  
154 100  
153 114.5 89.3 133.9  
152 52.2 42.2 63.2

Manual Integrations  
APPROVED

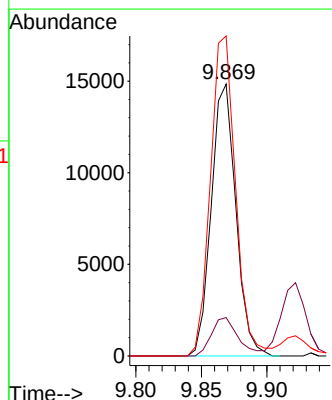
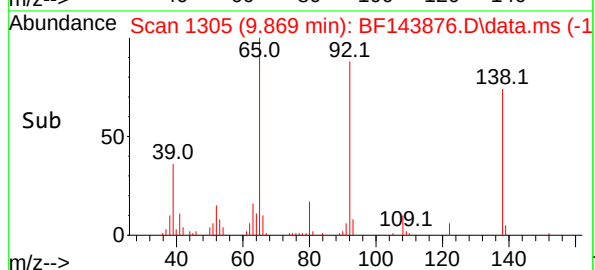
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

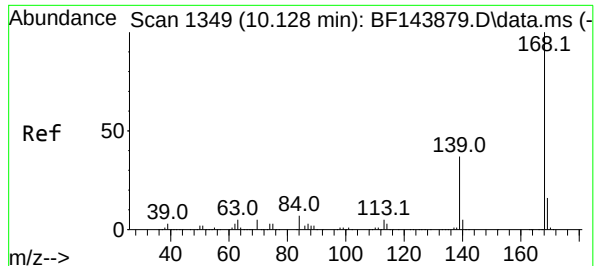


#53  
3-Nitroaniline  
Concen: 4.437 ng  
RT: 9.869 min Scan# 1305  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



Tgt Ion:138 Resp: 19400  
Ion Ratio Lower Upper  
138 100  
108 14.1 8.3 12.5#  
92 117.8 96.2 144.2





#55

Dibenzofuran

Concen: 5.852 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 127374

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

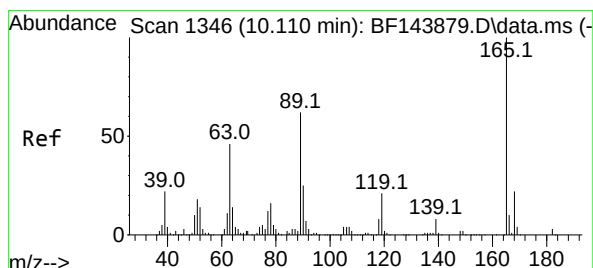
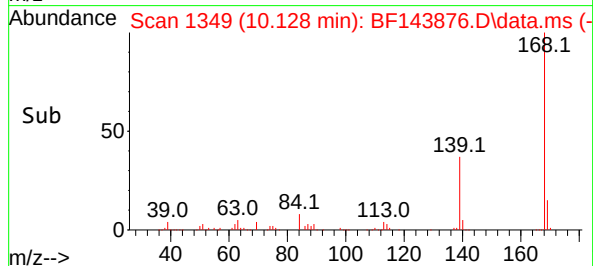
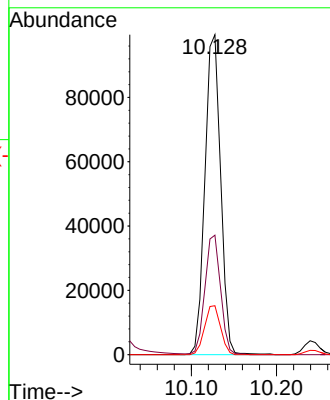
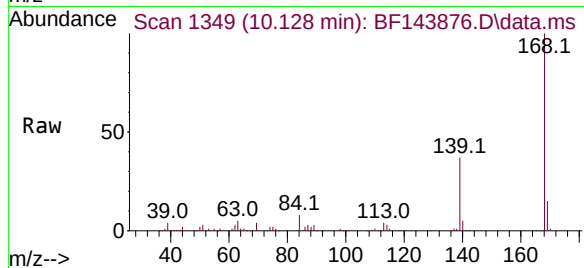
169 15.3 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#57

2,4-Dinitrotoluene

Concen: 3.932 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:165 Resp: 19103

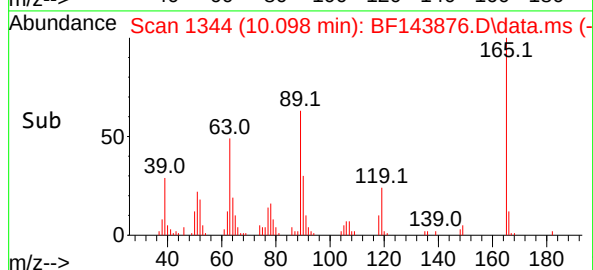
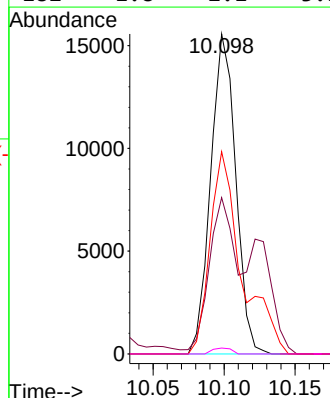
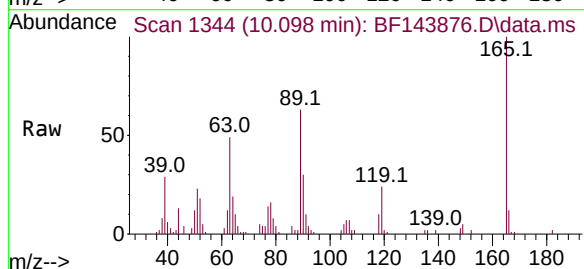
Ion Ratio Lower Upper

165 100

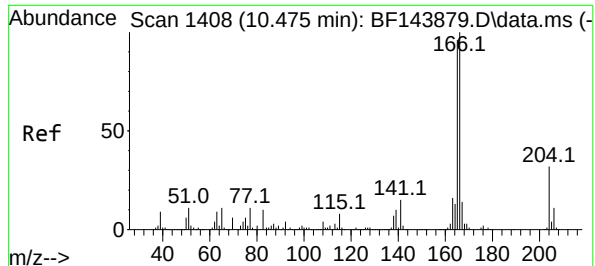
63 48.8 37.2 55.8

89 63.2 49.4 74.2

182 1.8 2.1 3.1#

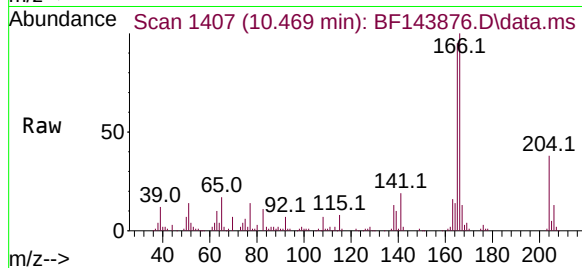






#58  
Fluorene  
Concen: 6.430 ng  
RT: 10.469 min Scan# 1408  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

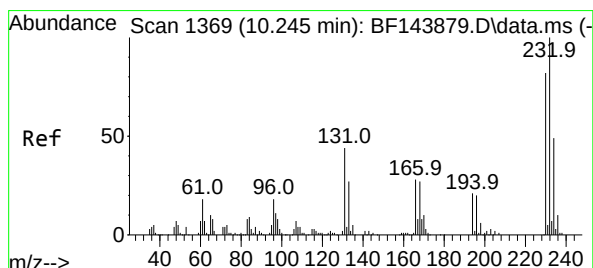
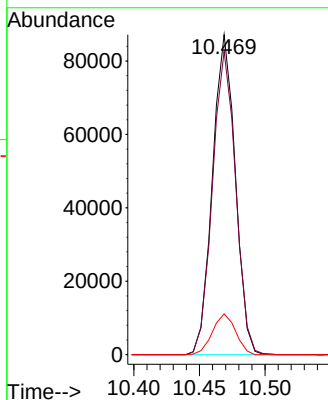
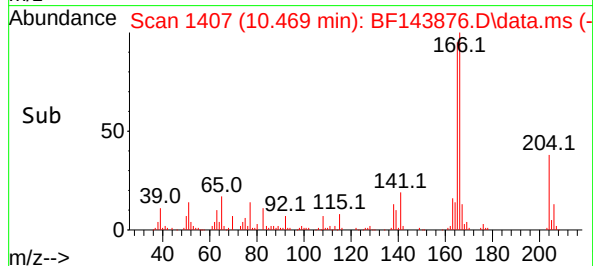
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



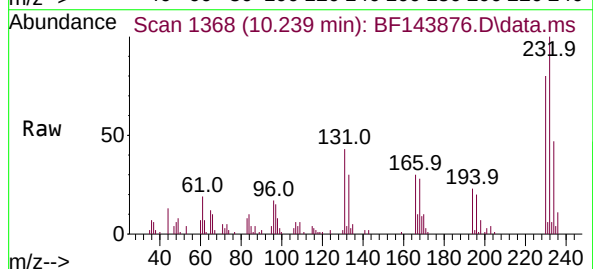
Tgt Ion:166 Resp: 105607  
Ion Ratio Lower Upper  
166 100  
165 94.8 77.0 115.6  
167 12.7 11.1 16.7

Manual Integrations  
APPROVED

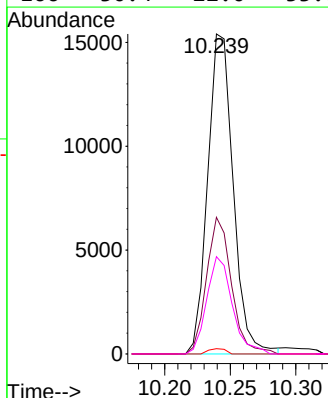
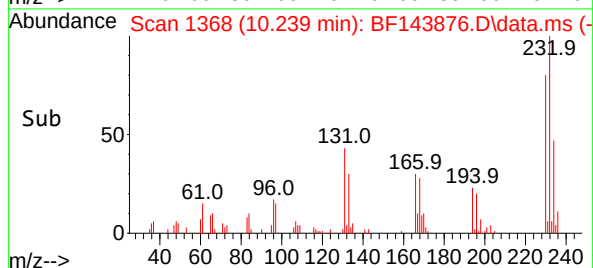
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

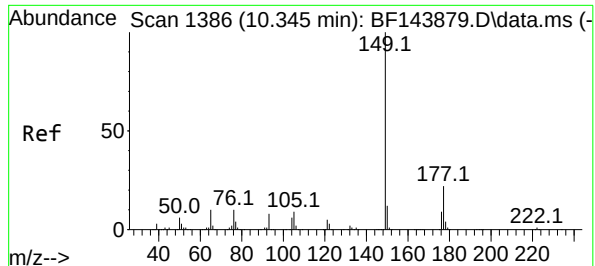


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.560 ng  
RT: 10.239 min Scan# 1368  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



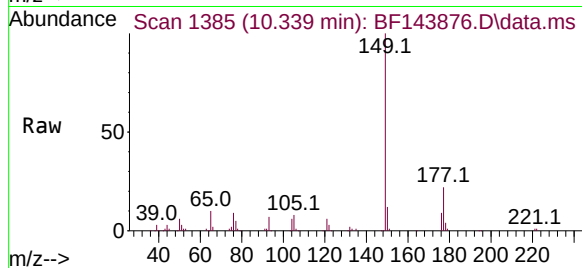
Tgt Ion:232 Resp: 20888  
Ion Ratio Lower Upper  
232 100  
131 41.6 34.9 52.3  
130 1.1 1.6 2.4#  
166 30.4 22.0 33.0





#60  
Diethylphthalate  
Concen: 5.590 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

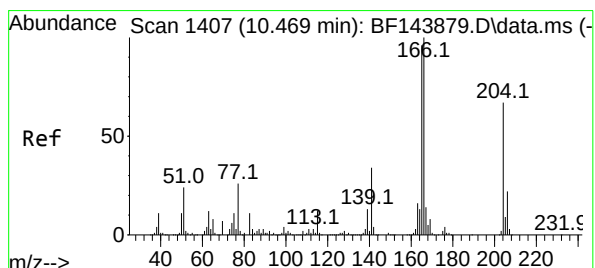
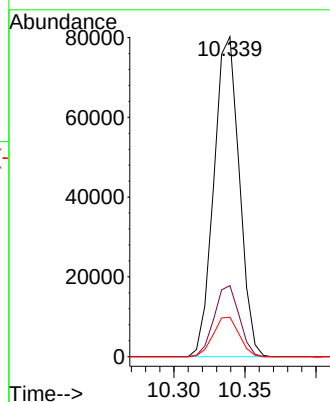
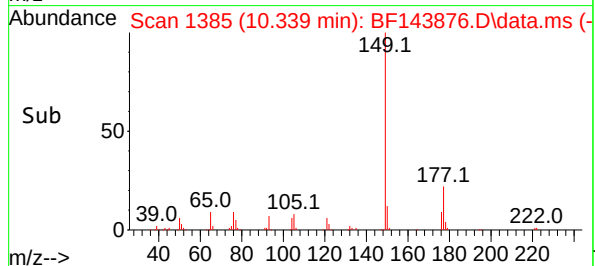
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



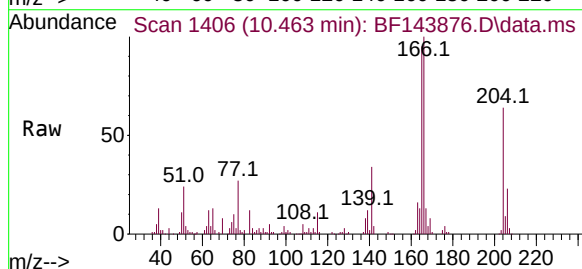
Tgt Ion:149 Resp: 100010  
Ion Ratio Lower Upper  
149 100  
177 22.2 17.9 26.9  
150 12.3 9.8 14.8

Manual Integrations  
APPROVED

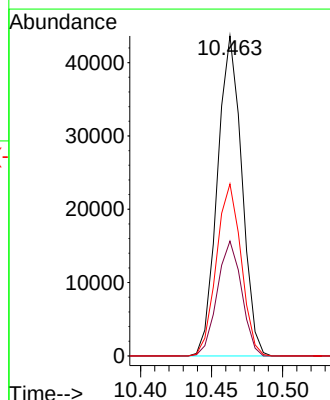
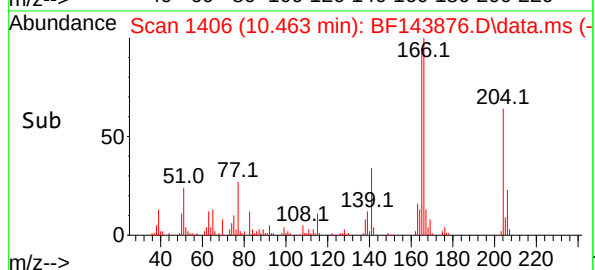
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

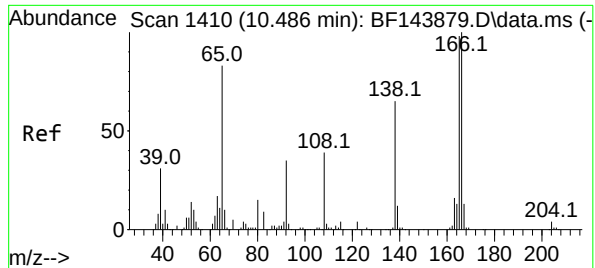


#61  
4-Chlorophenyl-phenylether  
Concen: 6.011 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



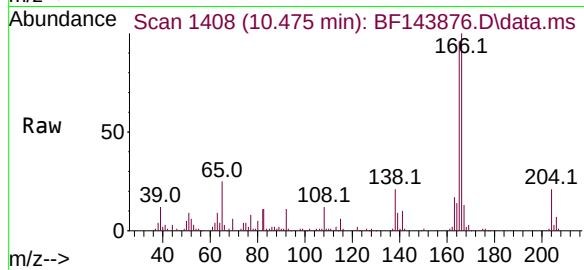
Tgt Ion:204 Resp: 52199  
Ion Ratio Lower Upper  
204 100  
206 35.9 26.6 40.0  
141 53.7 40.4 60.6





#62  
4-Nitroaniline  
Concen: 4.625 ng  
RT: 10.475 min Scan# 1410  
Delta R.T. -0.035 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

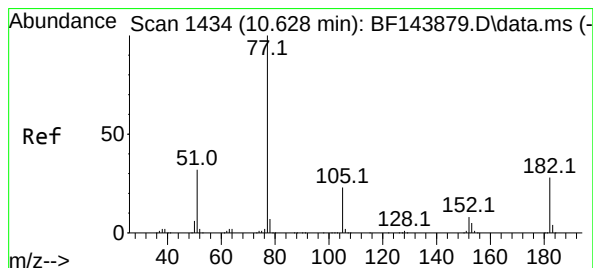
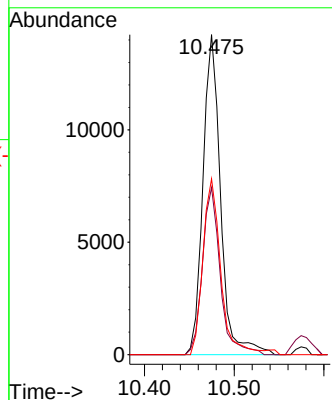
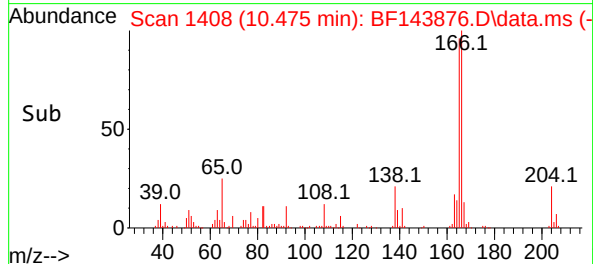
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:138 Resp: 1944  
Ion Ratio Lower Upper  
138 100  
92 52.2 33.9 73.9  
108 54.9 40.2 80.2

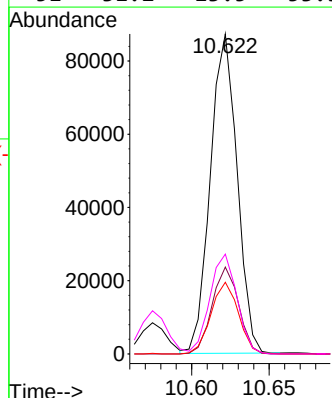
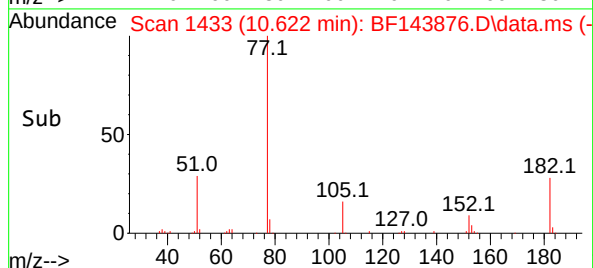
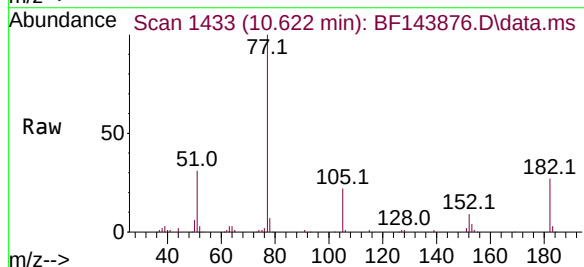
Manual Integrations  
APPROVED

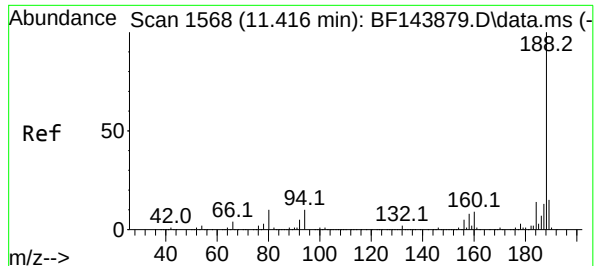
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#63  
Azobenzene  
Concen: 5.625 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

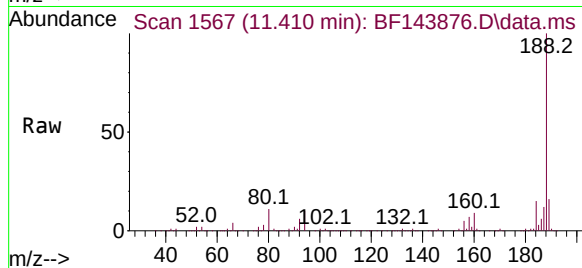
Tgt Ion: 77 Resp: 105174  
Ion Ratio Lower Upper  
77 100  
182 27.1 7.3 47.3  
105 22.4 3.0 43.0  
51 31.2 13.5 53.5





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

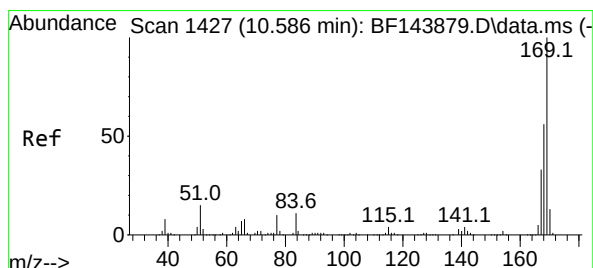
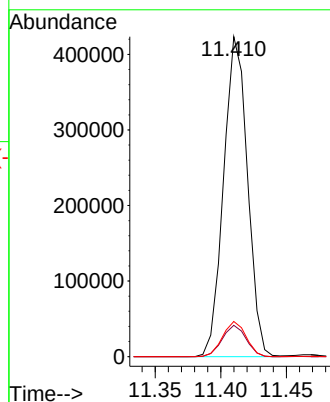
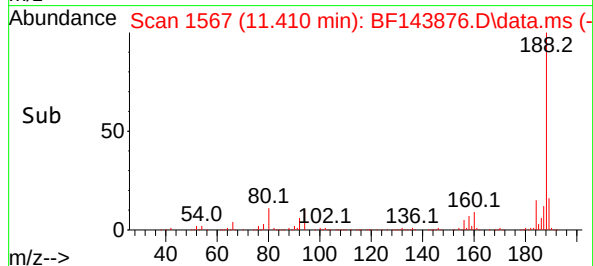
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:188 Resp: 538298  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.8 11.6  
80 11.0 7.9 11.9

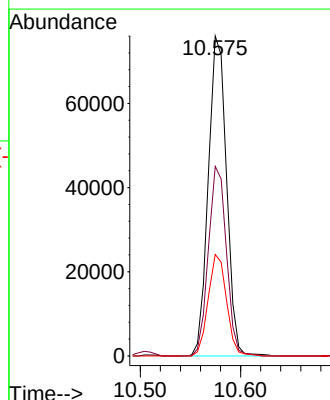
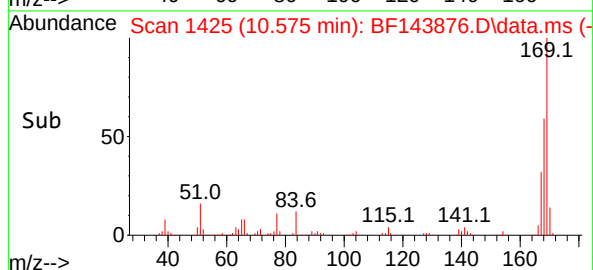
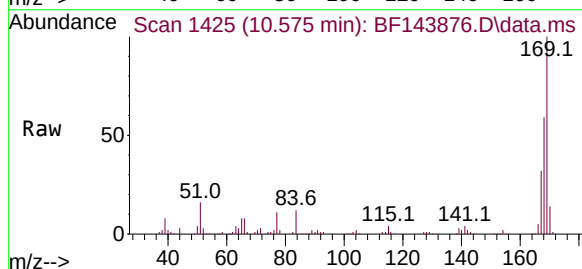
Manual Integrations  
APPROVED

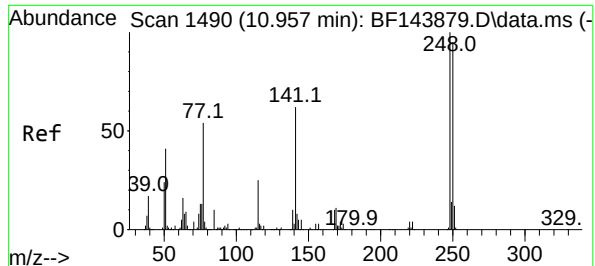
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 5.671 ng  
RT: 10.575 min Scan# 1425  
Delta R.T. -0.017 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

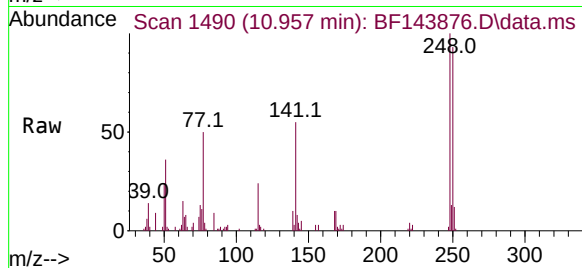
Tgt Ion:169 Resp: 95847  
Ion Ratio Lower Upper  
169 100  
168 59.2 44.9 67.3  
167 31.7 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 5.587 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

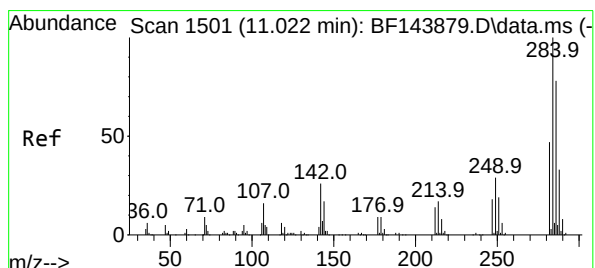
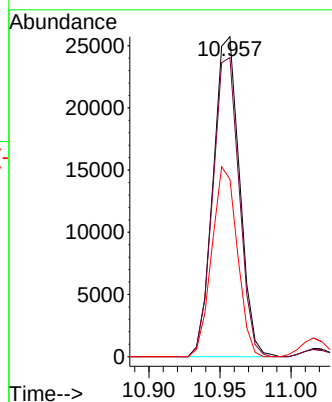
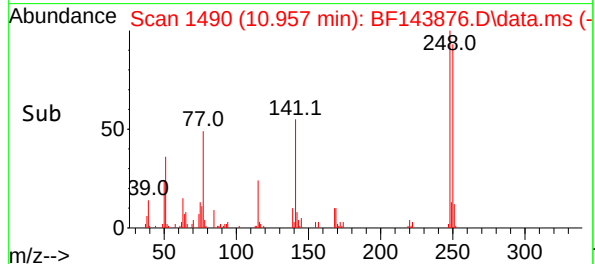
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



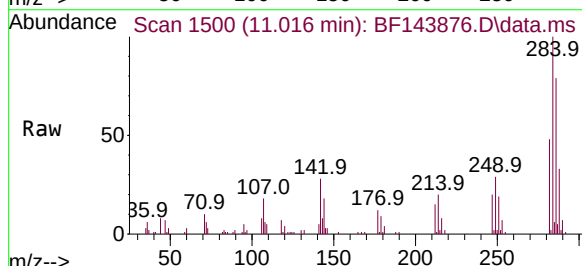
Tgt Ion:248 Resp: 33236  
Ion Ratio Lower Upper  
248 100  
250 93.4 76.3 114.5  
141 55.4 49.7 74.5

Manual Integrations  
APPROVED

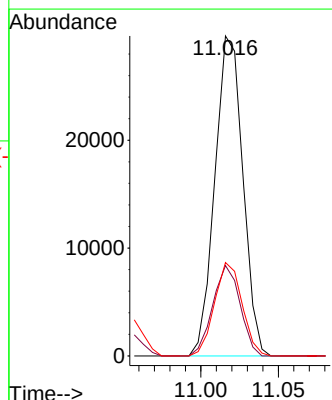
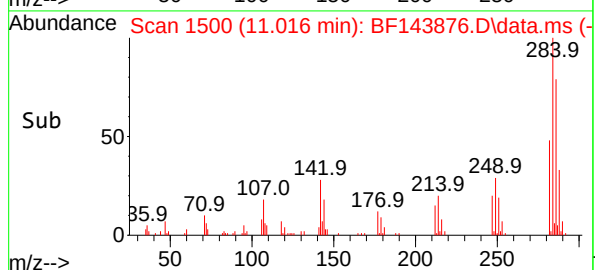
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

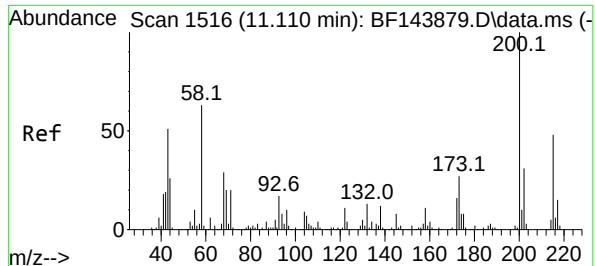


#68  
Hexachlorobenzene  
Concen: 5.406 ng  
RT: 11.016 min Scan# 1500  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



Tgt Ion:284 Resp: 37233  
Ion Ratio Lower Upper  
284 100  
142 28.2 20.6 30.8  
249 29.2 23.2 34.8





#69

Atrazine

Concen: 5.174 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 2650

Ion Ratio Lower Upper

200 100

173 30.3 7.0 47.0

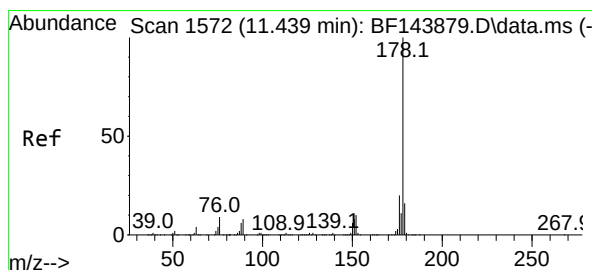
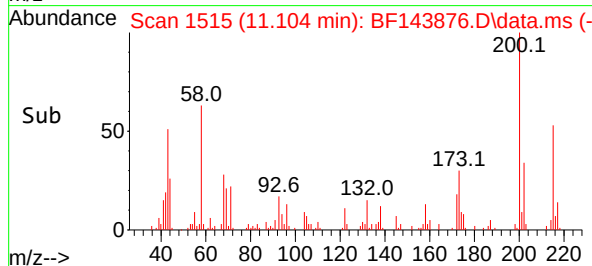
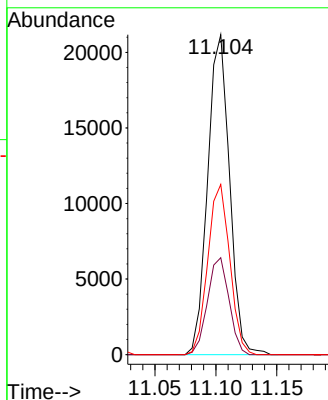
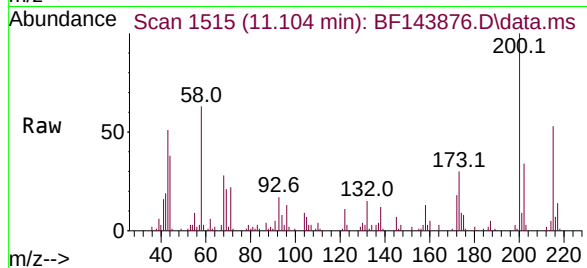
215 53.2 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#71

Phenanthrene

Concen: 6.004 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

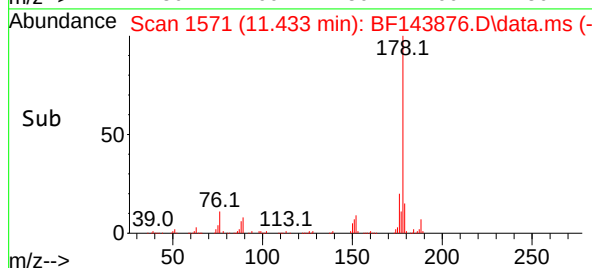
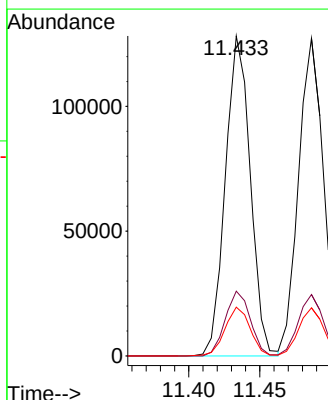
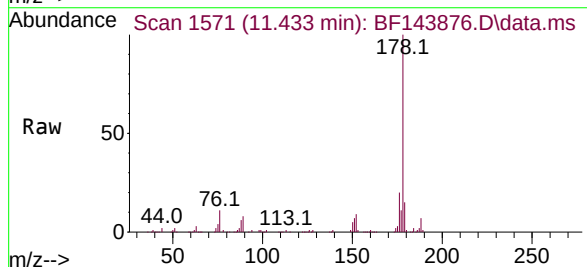
Tgt Ion:178 Resp: 156676

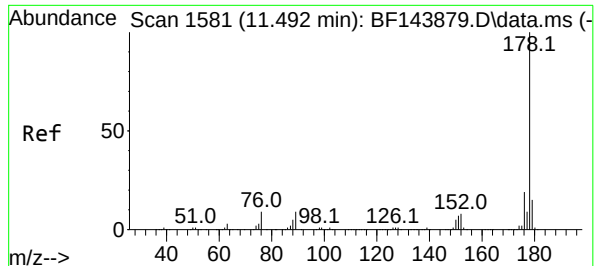
Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 15.2 12.4 18.6





#72

Anthracene

Concen: 5.928 ng

RT: 11.486 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:178 Resp: 156289

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

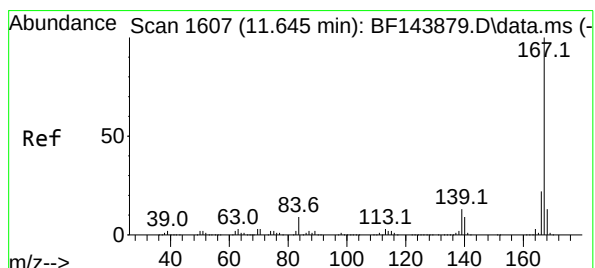
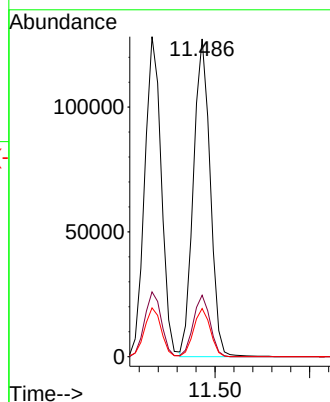
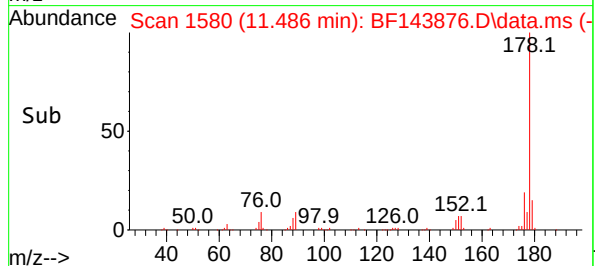
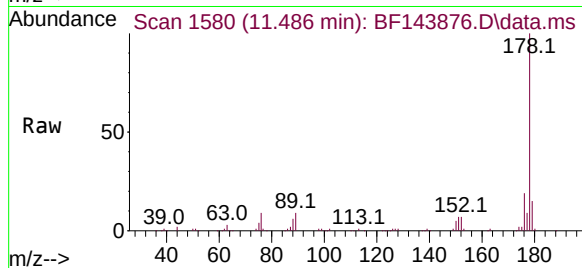
179 15.1 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#73

Carbazole

Concen: 5.850 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

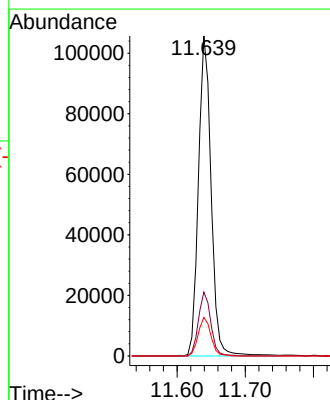
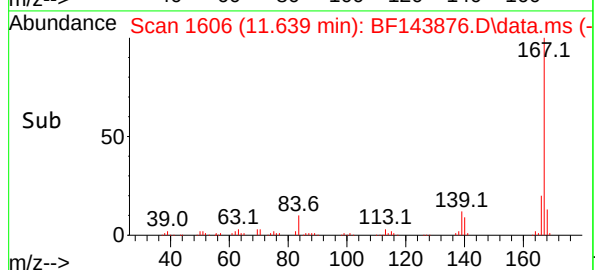
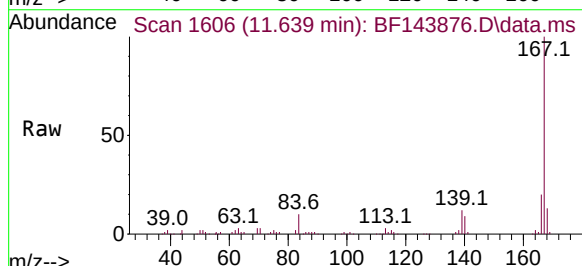
Tgt Ion:167 Resp: 136597

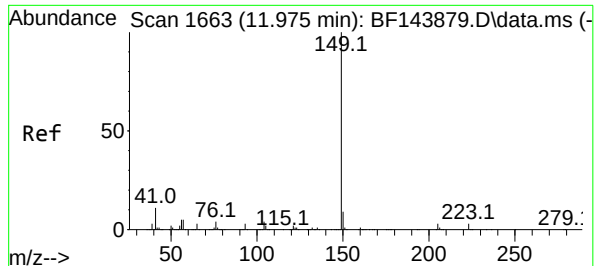
Ion Ratio Lower Upper

167 100

166 19.9 17.2 25.8

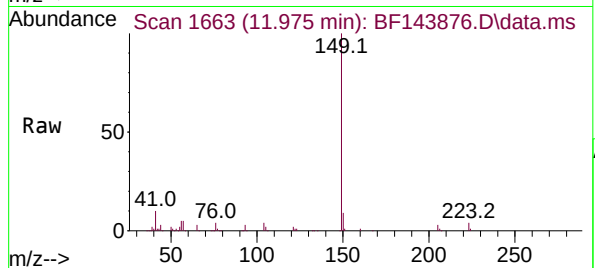
139 12.0 10.1 15.1





#74  
Di-n-butylphthalate  
Concen: 5.417 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

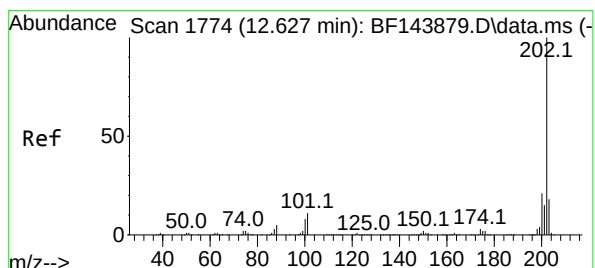
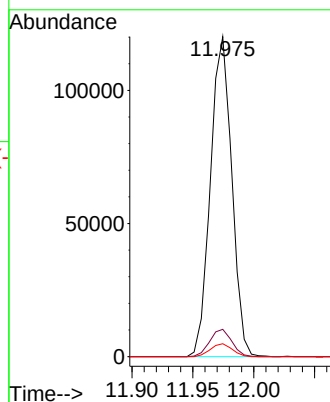
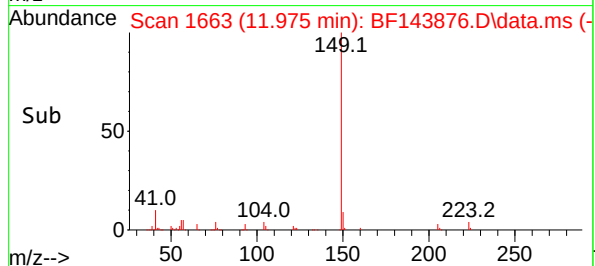
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



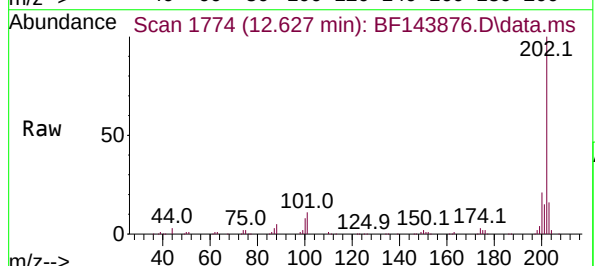
Tgt Ion:149 Resp: 146596  
Ion Ratio Lower Upper  
149 100  
150 8.5 7.4 11.2  
104 4.0 3.4 5.2

Manual Integrations  
APPROVED

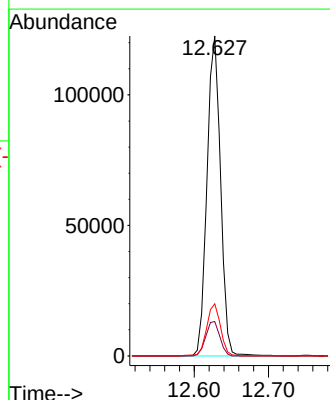
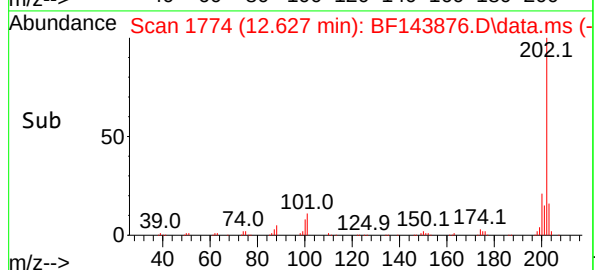
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



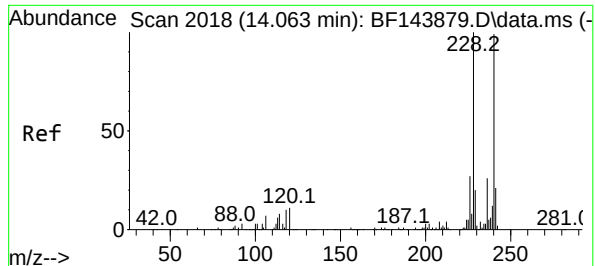
#75  
Fluoranthene  
Concen: 5.771 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



Tgt Ion:202 Resp: 155574  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 30.7  
203 16.3 0.0 37.8

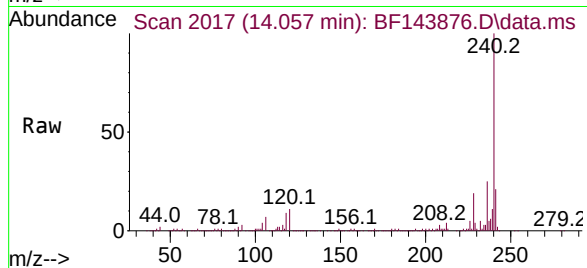






#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 20  
Delta R.T. -0.011 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

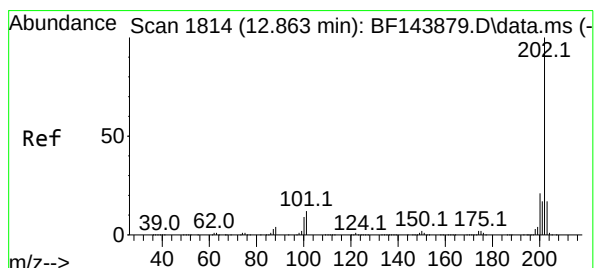
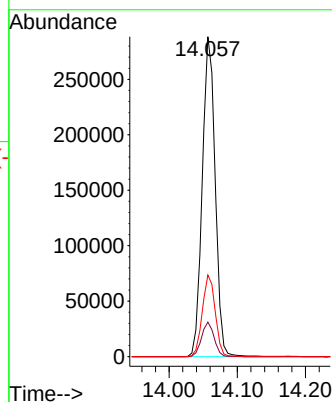
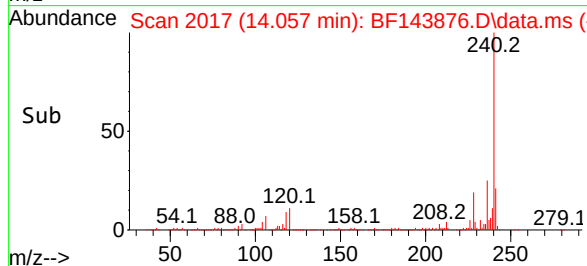
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



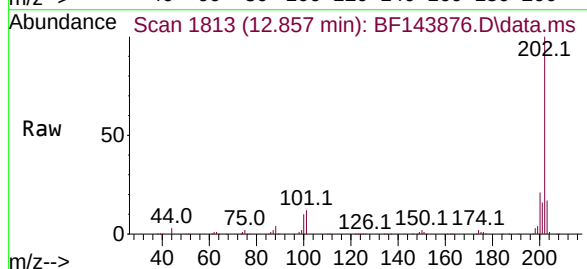
Tgt Ion:240 Resp: 379937  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.6 13.0  
236 25.5 21.1 31.7

Manual Integrations  
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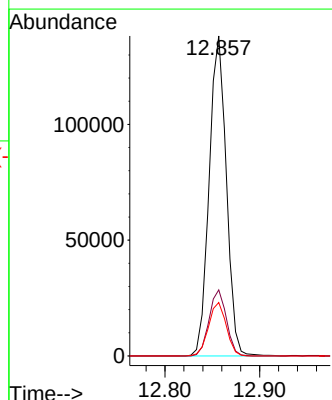
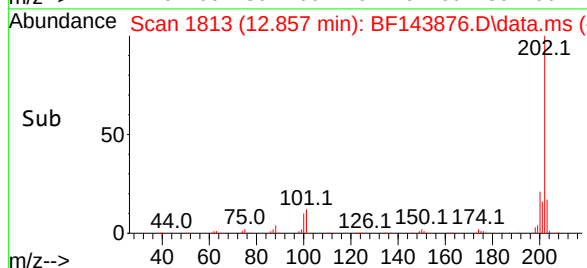
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

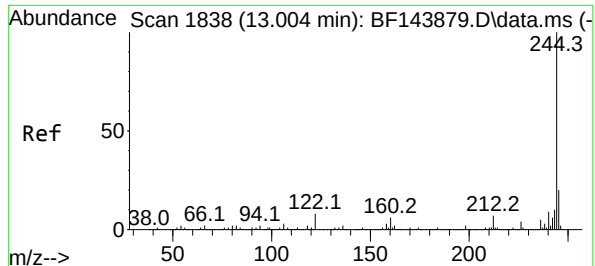


#78  
Pyrene  
Concen: 5.510 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28



Tgt Ion:202 Resp: 174542  
Ion Ratio Lower Upper  
202 100  
200 20.6 17.0 25.6  
203 16.7 13.8 20.6





#79

Terphenyl-d14

Concen: 11.121 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:244 Resp: 247223

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

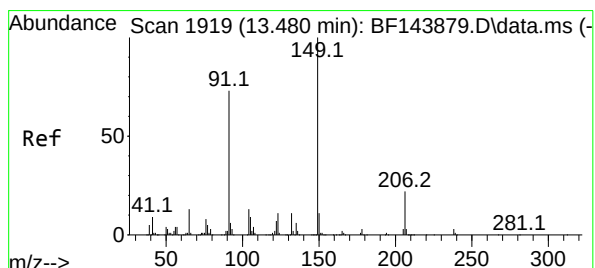
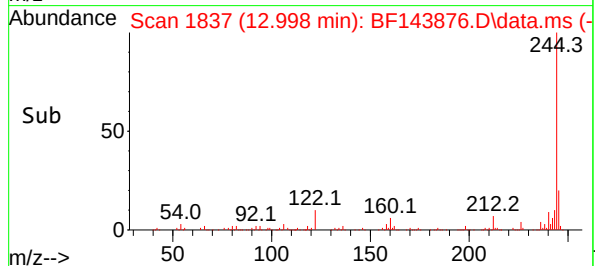
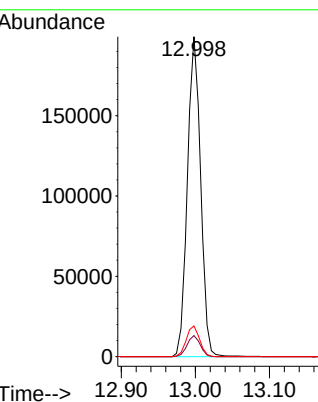
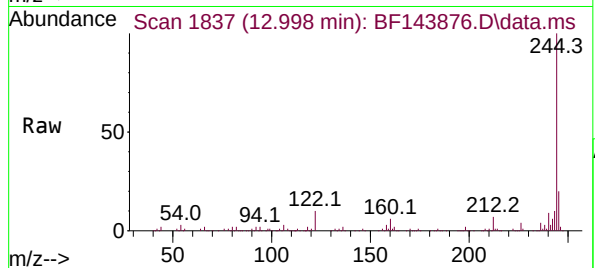
122 9.6 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 4.302 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

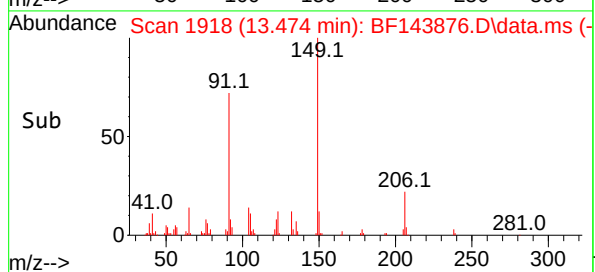
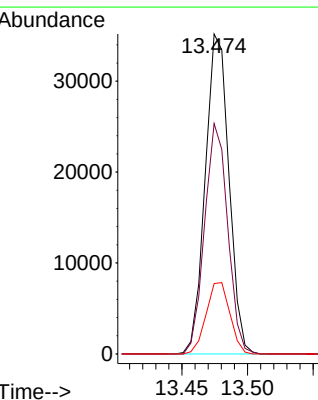
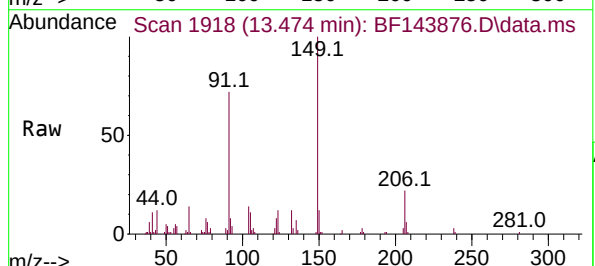
Tgt Ion:149 Resp: 44252

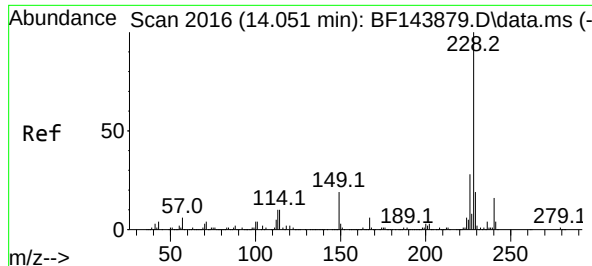
Ion Ratio Lower Upper

149 100

91 72.0 58.2 87.2

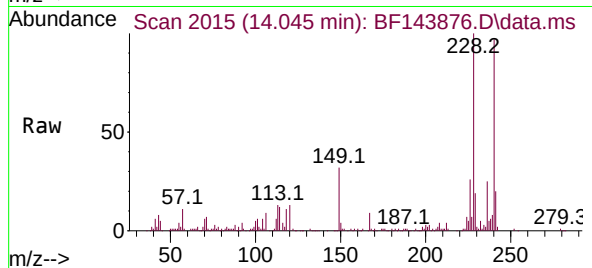
206 22.0 17.9 26.9





#81  
Benzo(a)anthracene  
Concen: 5.125 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

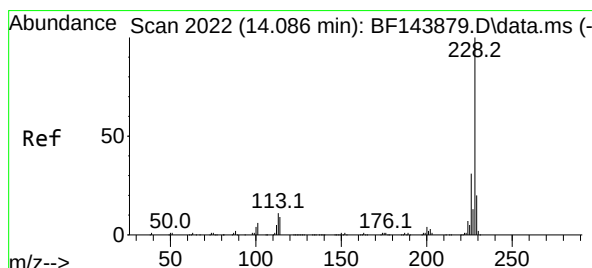
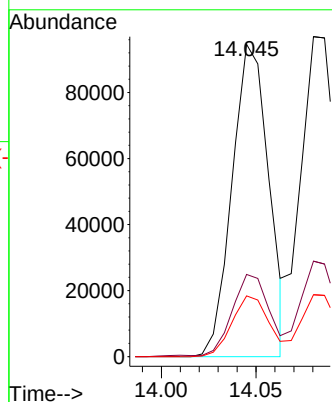
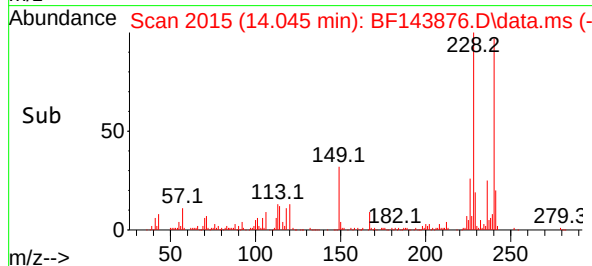
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:228 Resp: 127434  
Ion Ratio Lower Upper  
228 100  
226 26.3 22.2 33.2  
229 19.4 15.6 23.4

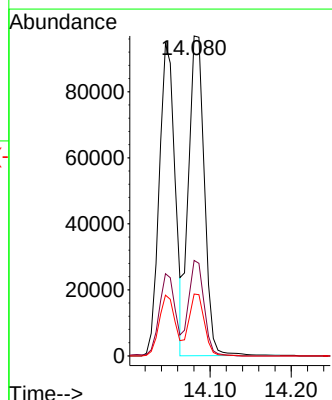
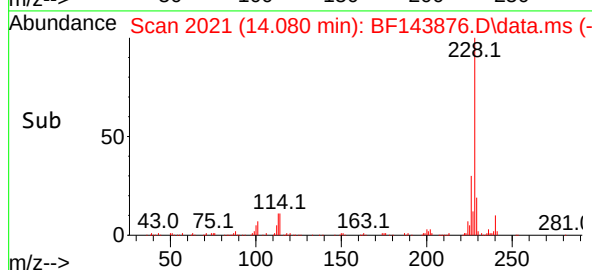
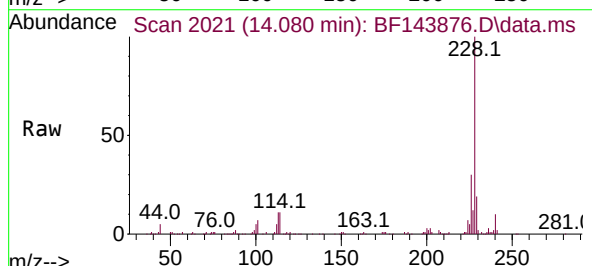
Manual Integrations  
APPROVED

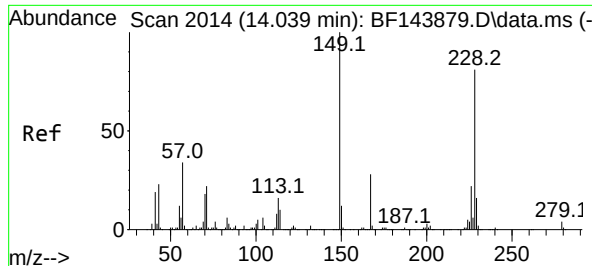
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#83  
Chrysene  
Concen: 5.669 ng  
RT: 14.080 min Scan# 2021  
Delta R.T. -0.012 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

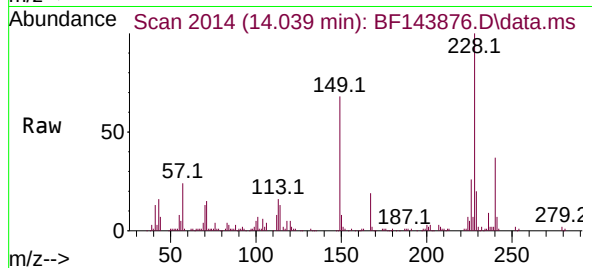
Tgt Ion:228 Resp: 130450  
Ion Ratio Lower Upper  
228 100  
226 29.9 24.4 36.6  
229 19.3 15.9 23.9





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.529 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

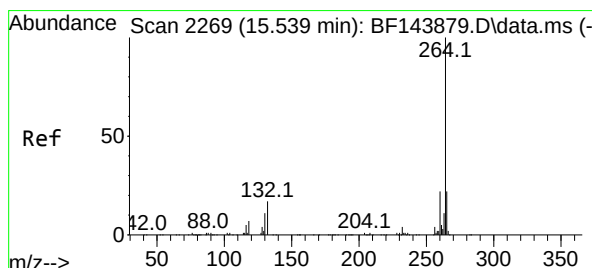
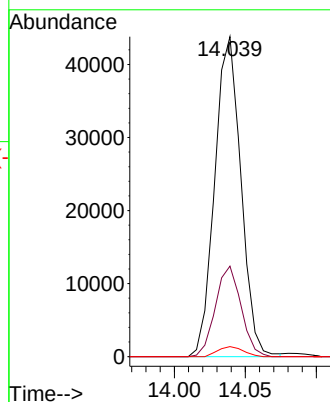
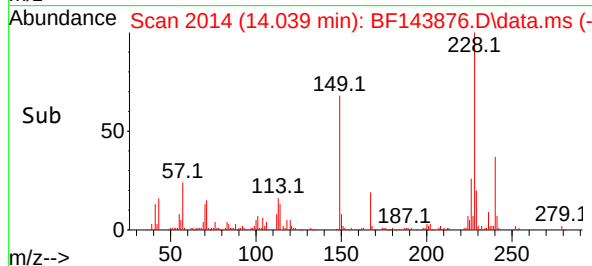
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 56165  
Ion Ratio Lower Upper  
149 100  
167 28.3 22.2 33.4  
279 3.1 3.1 4.7

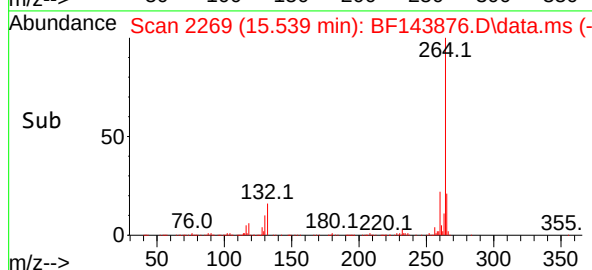
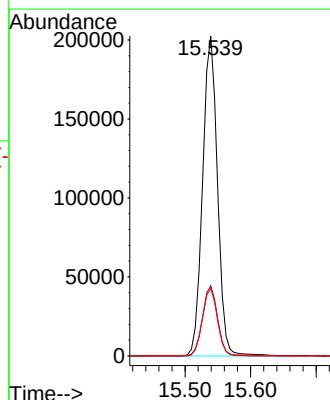
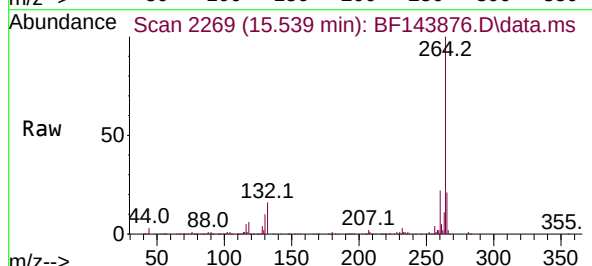
Manual Integrations  
APPROVED

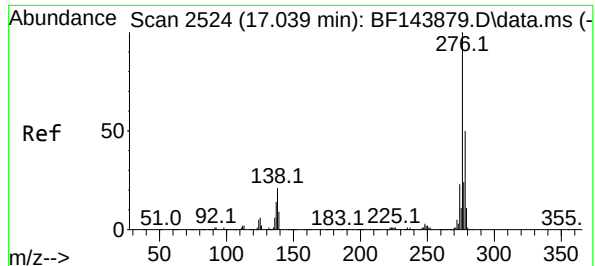
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143876.D  
Acq: 06 Oct 2025 10:28

Tgt Ion:264 Resp: 317181  
Ion Ratio Lower Upper  
264 100  
260 21.9 17.8 26.8  
265 21.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.544 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

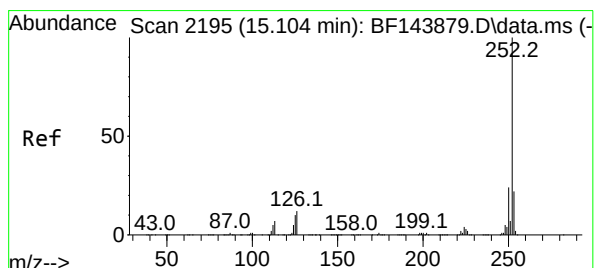
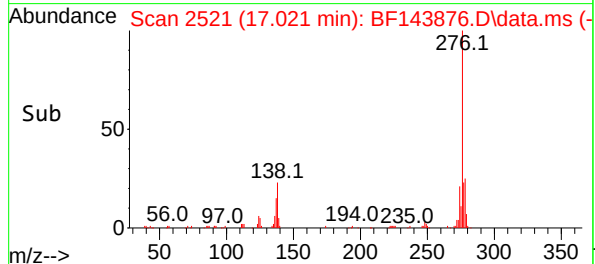
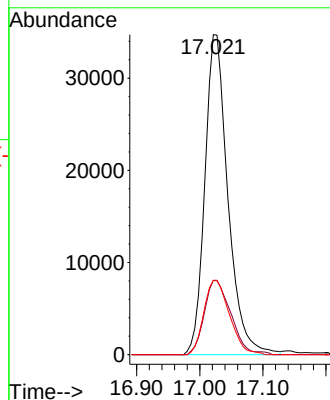
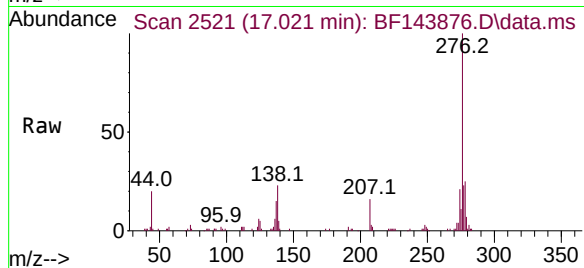
| Tgt Ion | 276 | 138  | 277  |
|---------|-----|------|------|
| Ratio   | 100 | 26.7 | 25.7 |
| Lower   |     | 18.2 | 19.8 |
| Upper   |     | 27.2 | 29.6 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 5.255 ng

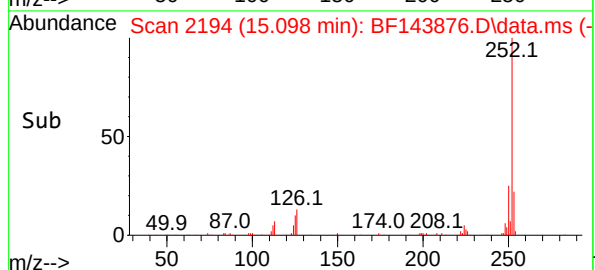
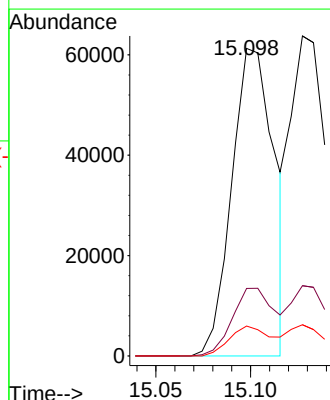
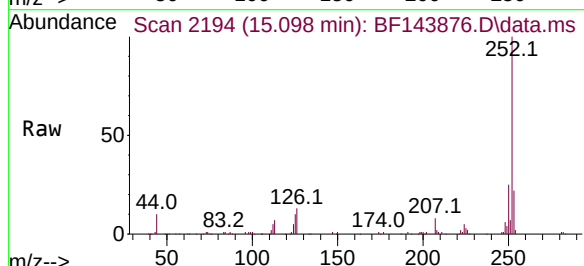
RT: 15.098 min Scan# 2194

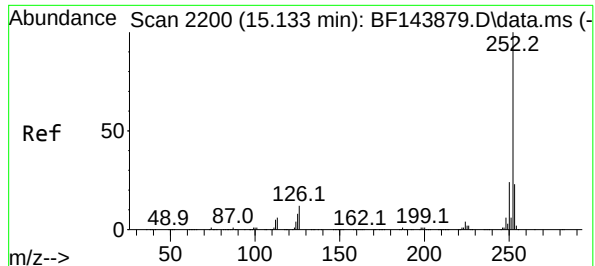
Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

| Tgt Ion | 252 | 125  |
|---------|-----|------|
| Ratio   | 100 | 9.7  |
| Lower   |     | 7.8  |
| Upper   |     | 11.6 |





#89

Benzo(k)fluoranthene

Concen: 5.352 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

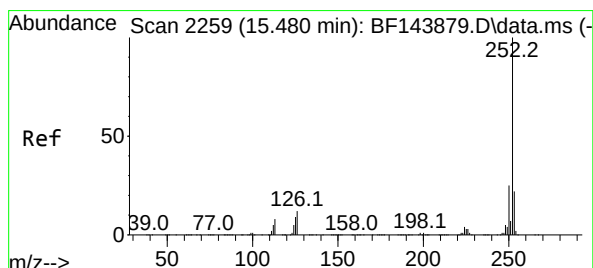
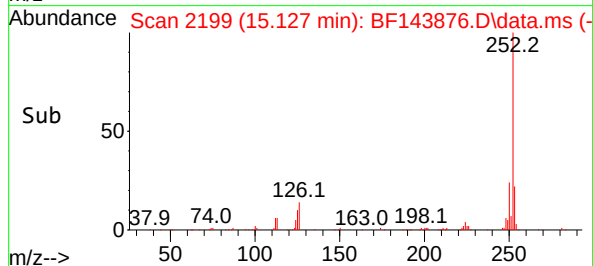
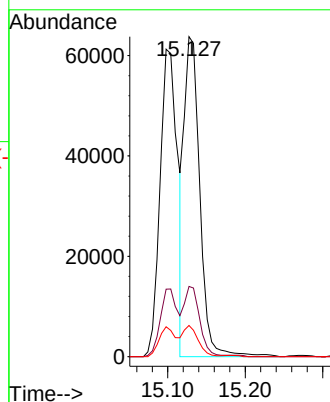
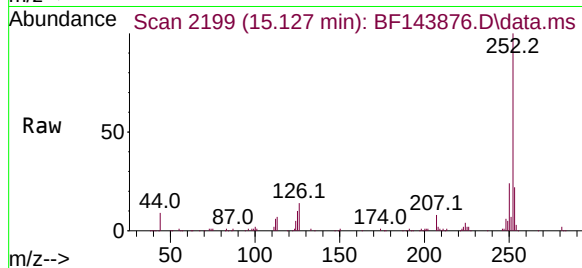
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 90226     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 21.9  | 17.8 26.8 |
| 125         | 9.7   | 7.4 11.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 5.018 ng

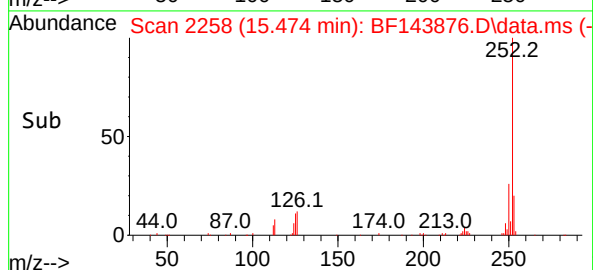
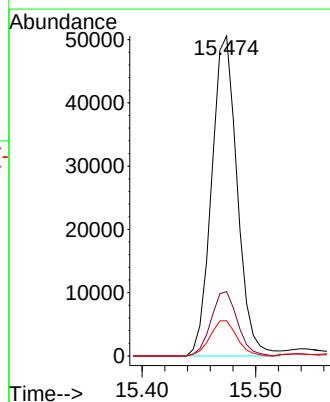
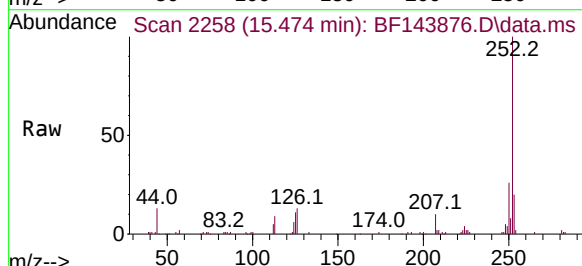
RT: 15.474 min Scan# 2258

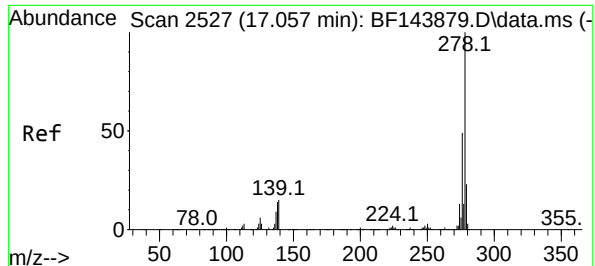
Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 79275     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 20.1  | 17.3 25.9 |
| 125         | 11.0  | 7.0 10.4  |





#91

Dibenzo(a,h)anthracene

Concen: 4.507 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA\_F

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 70452

Ion Ratio Lower Upper

278 100

139 16.2 11.7 17.5

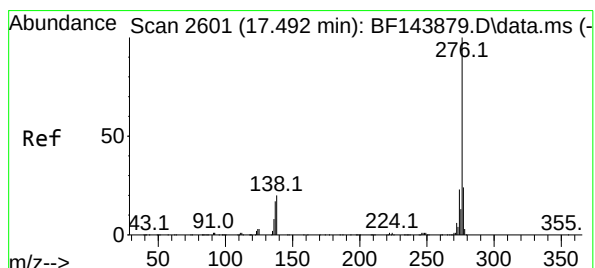
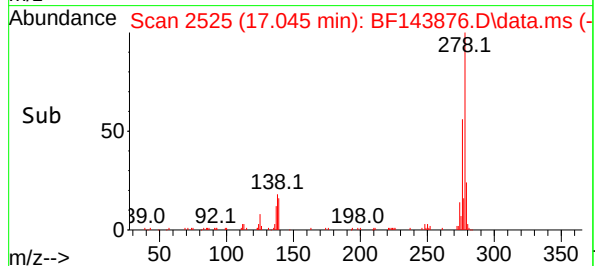
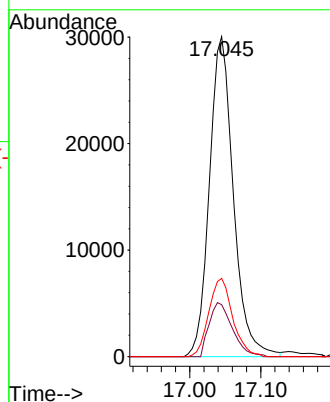
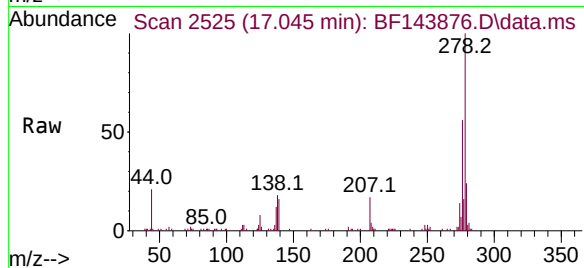
279 24.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#92

Benzo(g,h,i)perylene

Concen: 4.508 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

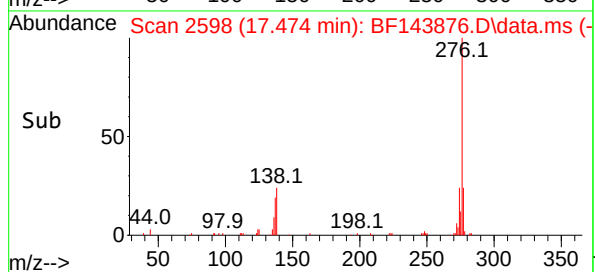
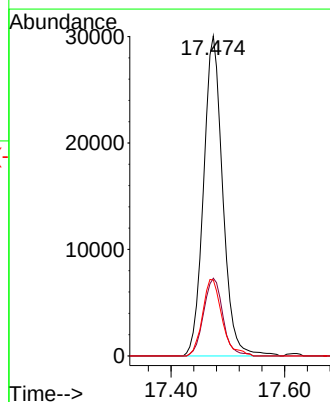
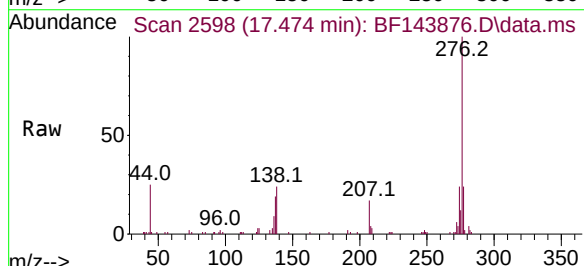
Tgt Ion:276 Resp: 70468

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 23.7 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143877.D  
 Acq On : 06 Oct 2025 10:57  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 126533   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 493548   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 283821   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 504357   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 366499   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 15.539 | 264  | 297391   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 170697   | 21.422 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.493  | 99   | 206358   | 21.727 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 164127   | 20.204 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 54453    | 19.262 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 404164   | 22.595 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 442968   | 20.657 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.622  | 88   | 37665    | 10.215 | ng    | 96       |
| 3) Pyridine                   | 3.399  | 79   | 105800   | 9.856  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.322  | 42   | 49793    | 8.818  | ng    | 99       |
| 6) Aniline                    | 6.540  | 93   | 147222   | 10.344 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 77754    | 9.983  | ng    | 97       |
| 9) Benzaldehyde               | 6.434  | 77   | 70546    | 9.629  | ng    | 98       |
| 10) Phenol                    | 6.510  | 94   | 114780m  | 10.109 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.610  | 93   | 92208    | 10.513 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 100630   | 10.793 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 101588   | 11.046 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 95345    | 10.824 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 70756    | 9.943  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 214183   | 10.728 | ng    | 99       |
| 17) 2-Methylphenol            | 7.122  | 107  | 66872    | 10.389 | ng    | 96       |
| 18) Hexachloroethane          | 7.398  | 117  | 32160    | 10.486 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 71731    | 11.034 | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.275  | 107  | 88634    | 11.881 | ng    | 95       |
| 22) Acetophenone              | 7.287  | 105  | 113751   | 10.900 | ng    | 96       |
| 24) Nitrobenzene              | 7.457  | 77   | 86228    | 9.558  | ng    | 96       |
| 25) Isophorone                | 7.698  | 82   | 174767   | 10.203 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 32787    | 8.477  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 70960    | 10.199 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 116898   | 10.804 | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 72141    | 9.954  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 73668    | 10.336 | ng    | 98       |
| 31) Naphthalene               | 8.187  | 128  | 245857   | 10.951 | ng    | 99       |
| 32) Benzoic acid              | 7.869  | 122  | 32361m   | 6.721  | ng    |          |
| 33) 4-Chloroaniline           | 8.234  | 127  | 91294    | 10.842 | ng    | 95       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 52824    | 10.665 | ng    | 98       |
| 35) Caprolactam               | 8.569  | 113  | 22813    | 9.900  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 74546    | 10.708 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 168581   | 11.272 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 161895   | 11.160 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 9.039  | 216  | 83972    | 10.705 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 25812    | 7.932  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 55929    | 9.758  | ng    | 93       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143877.D  
 Acq On : 06 Oct 2025 10:57  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.186  | 196  | 63036    | 10.407 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 209528   | 11.150 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.363  | 162  | 169672   | 10.829 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 45663    | 9.219  | ng    | 96       |
| 49) Acenaphthylene            | 9.781  | 152  | 241454   | 10.962 | ng    | 98       |
| 50) Dimethylphthalate         | 9.633  | 163  | 191729   | 10.638 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 28928    | 8.655  | ng    | 95       |
| 52) Acenaphthene              | 9.957  | 154  | 158214   | 10.962 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 38386    | 9.380  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 8624     | 10.761 | ng    | # 60     |
| 55) Dibenzofuran              | 10.128 | 168  | 228160   | 11.199 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.016 | 139  | 24585    | 7.934  | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 40299    | 8.862  | ng    | 95       |
| 58) Fluorene                  | 10.469 | 166  | 179607   | 11.683 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 43052    | 10.041 | ng    | # 95     |
| 60) Diethylphthalate          | 10.339 | 149  | 181846   | 10.860 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 94000    | 11.565 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.475 | 138  | 36684    | 9.322  | ng    | 95       |
| 63) Azobenzene                | 10.622 | 77   | 188888   | 10.794 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 16274    | 6.421  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 172118   | 10.869 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 58980    | 10.581 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 67494    | 10.459 | ng    | 98       |
| 69) Atrazine                  | 11.104 | 200  | 52016    | 10.837 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 29608    | 7.989  | ng    | 96       |
| 71) Phenanthrene              | 11.433 | 178  | 275484   | 11.267 | ng    | 99       |
| 72) Anthracene                | 11.486 | 178  | 276694   | 11.201 | ng    | 99       |
| 73) Carbazole                 | 11.639 | 167  | 242534   | 11.086 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 275838   | 10.879 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 290713   | 11.510 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 128424   | 10.092 | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 304789   | 9.975  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 92241    | 9.296  | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 246871   | 10.293 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 66722    | 9.129  | ng    | # 99     |
| 83) Chrysene                  | 14.086 | 228  | 217741   | 9.809  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 113431   | 9.483  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 153434   | 7.810  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.027 | 276  | 164200   | 9.011  | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 169146   | 9.901  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 174390   | 11.032 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 149543   | 10.096 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.045 | 278  | 135992   | 9.279  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.474 | 276  | 132076   | 9.012  | ng    | 98       |

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

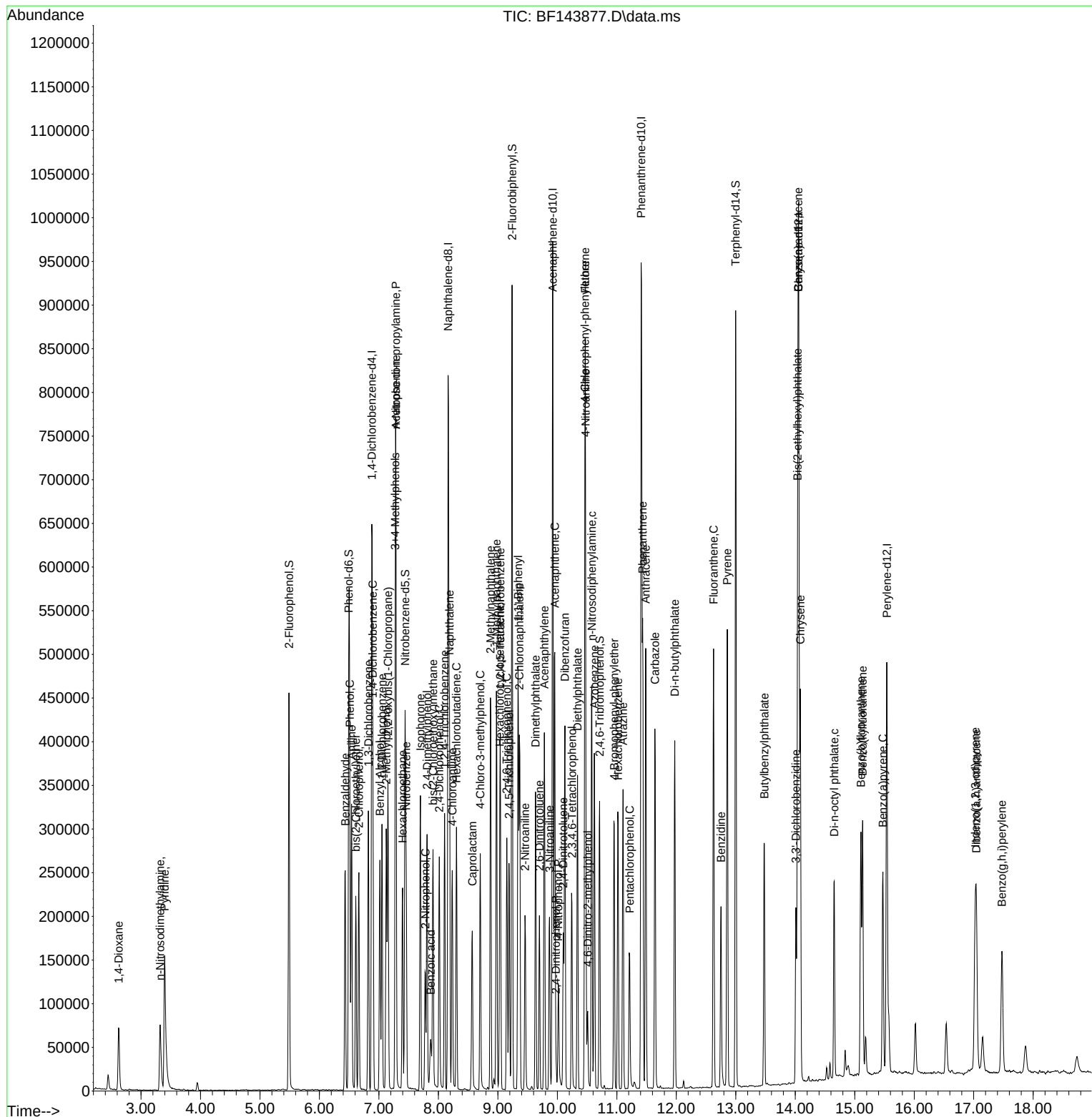
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Data File : BF143877.D  
Acq On    : 06 Oct 2025  10:57  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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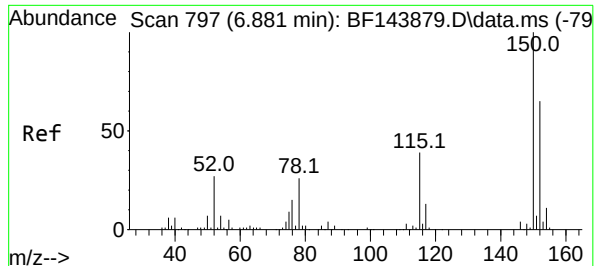
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC010

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jaagrut Upadhyay 10/07/2025

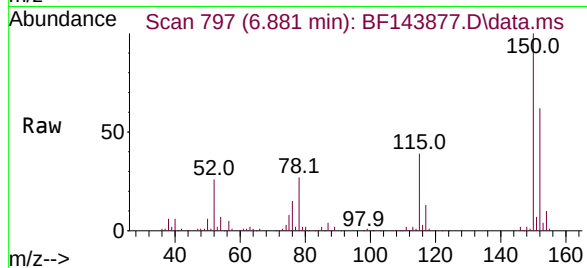
Quant Time: Oct 06 15:38:08 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

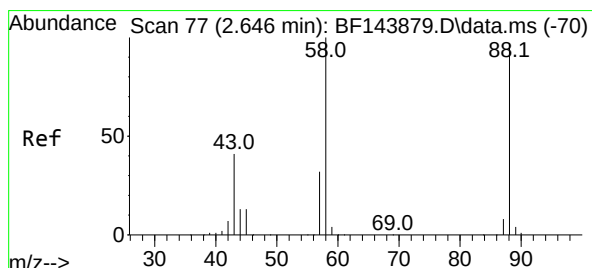
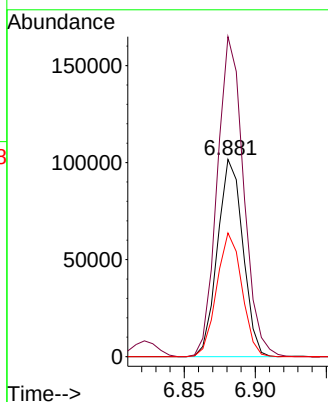
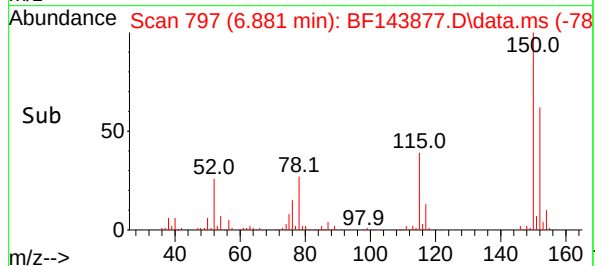
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:152 Resp: 126533  
Ion Ratio Lower Upper  
152 100  
150 162.3 124.4 186.6  
115 62.7 48.1 72.1

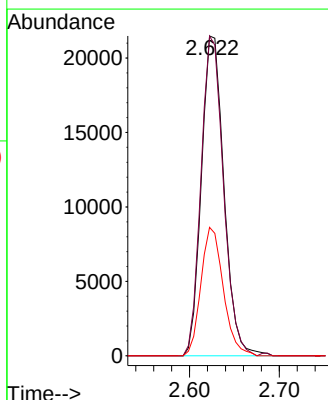
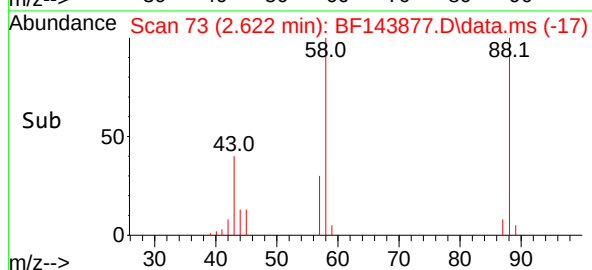
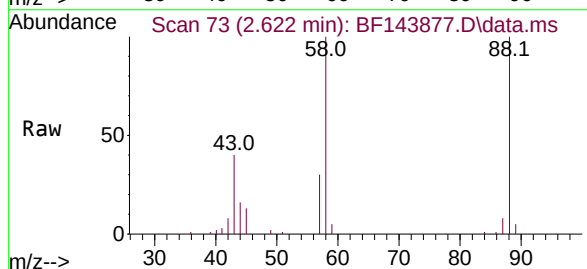
Manual Integrations  
APPROVED

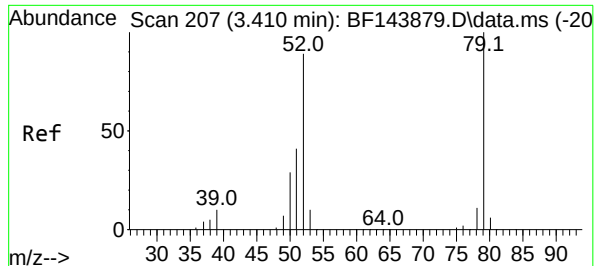
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#2  
1,4-Dioxane  
Concen: 10.215 ng  
RT: 2.622 min Scan# 73  
Delta R.T. -0.023 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion: 88 Resp: 37665  
Ion Ratio Lower Upper  
88 100  
58 99.3 83.0 124.6  
43 39.9 33.9 50.9





#3

Pyridine

Concen: 9.856 ng

RT: 3.399 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 105800

Ion Ratio Lower Upper

79 100

52 88.4 71.5 107.3

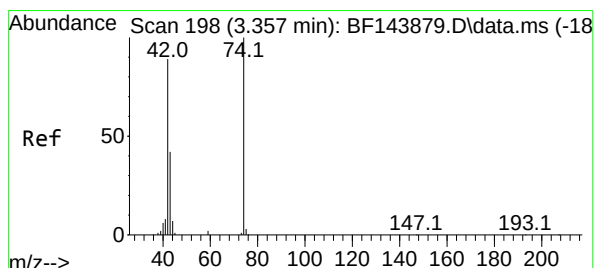
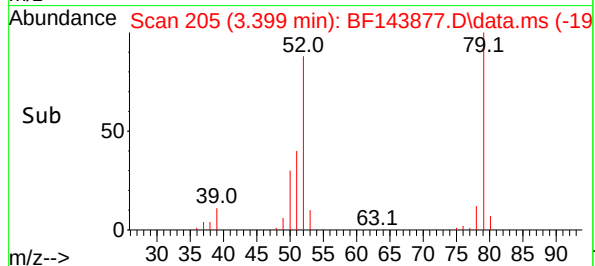
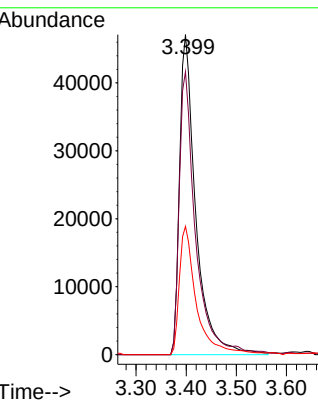
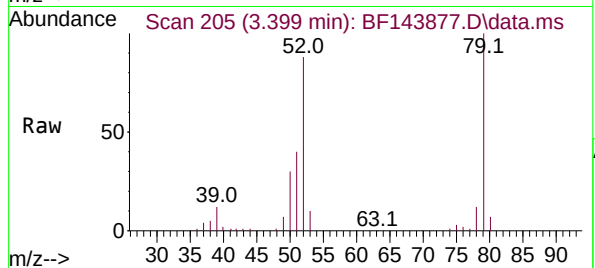
51 40.1 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 8.818 ng

RT: 3.322 min Scan# 192

Delta R.T. -0.065 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

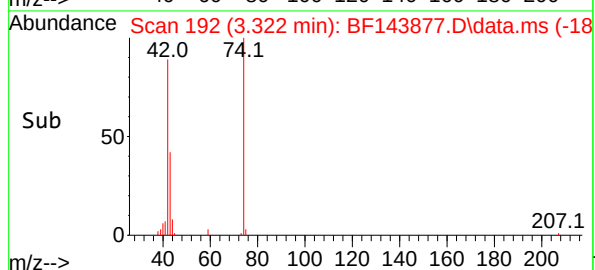
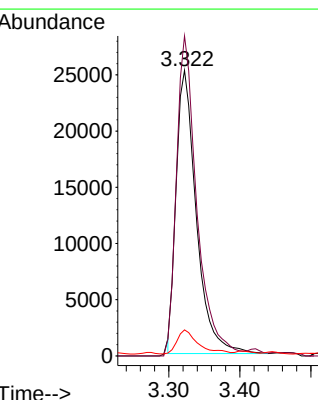
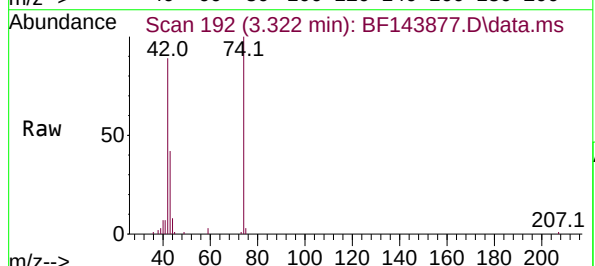
Tgt Ion: 42 Resp: 49793

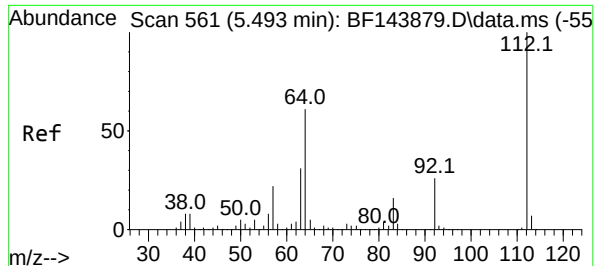
Ion Ratio Lower Upper

42 100

74 112.1 90.0 135.0

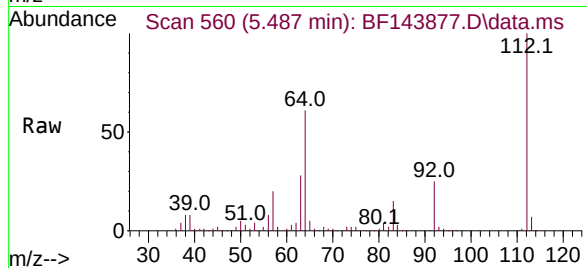
44 9.1 6.2 9.2





#5  
2-Fluorophenol  
Concen: 21.422 ng  
RT: 5.487 min Scan# 50  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

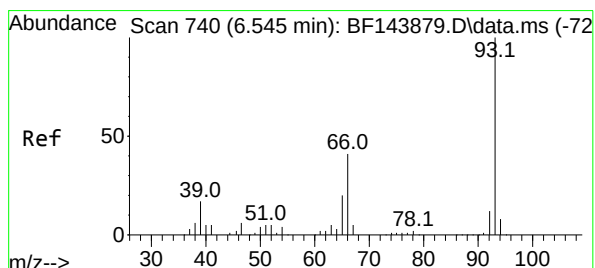
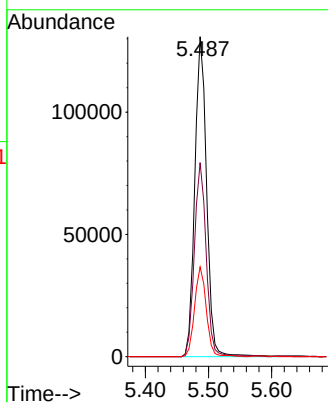
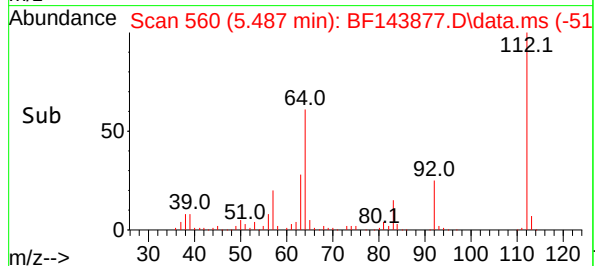
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:112 Resp: 170697  
Ion Ratio Lower Upper  
112 100  
64 60.6 49.1 73.7  
63 28.0 24.5 36.7

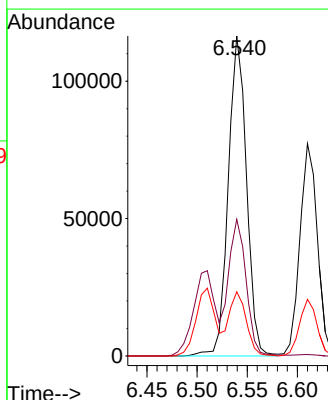
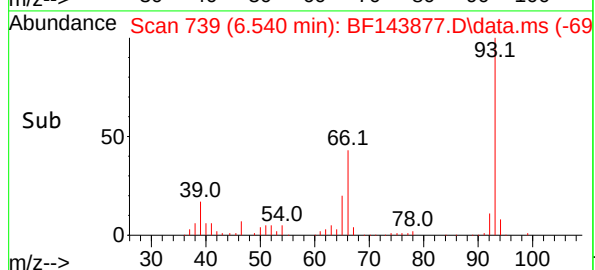
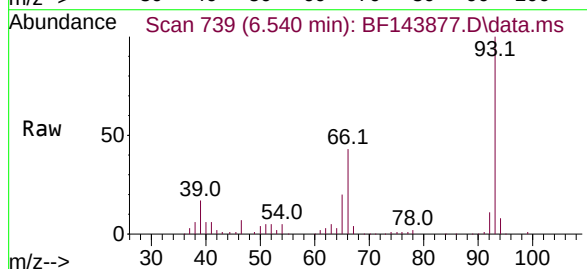
Manual Integrations  
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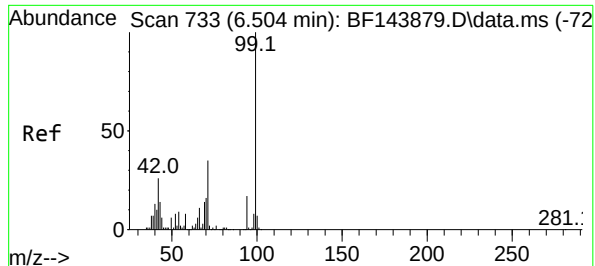
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#6  
Aniline  
Concen: 10.344 ng  
RT: 6.540 min Scan# 739  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

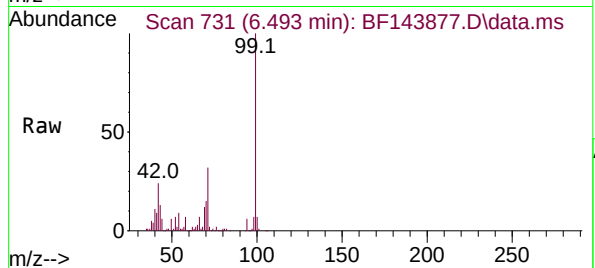
Tgt Ion: 93 Resp: 147222  
Ion Ratio Lower Upper  
93 100  
66 42.7 33.0 49.6  
65 20.0 15.8 23.8





#7  
Phenol-d6  
Concen: 21.727 ng  
RT: 6.493 min Scan# 731  
Delta R.T. -0.023 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

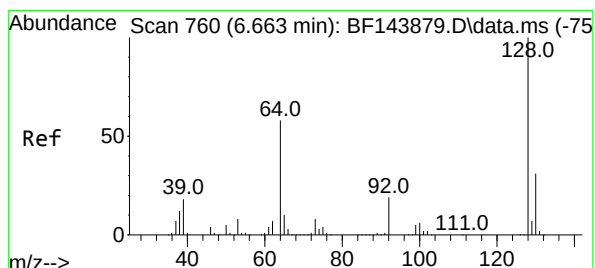
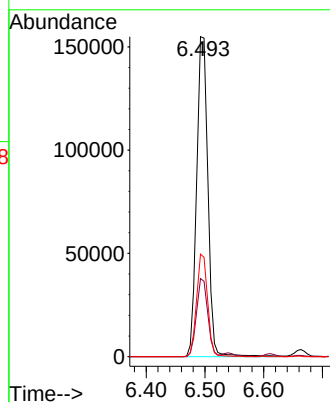
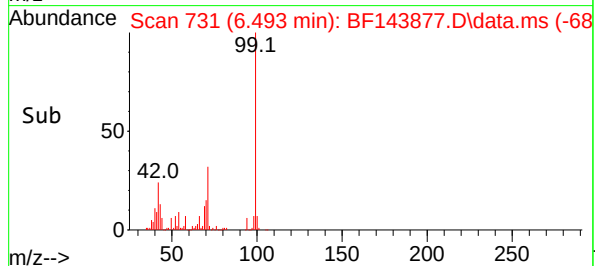
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion: 99 Resp: 206358  
Ion Ratio Lower Upper  
99 100  
42 24.4 21.0 31.4  
71 32.0 27.8 41.8

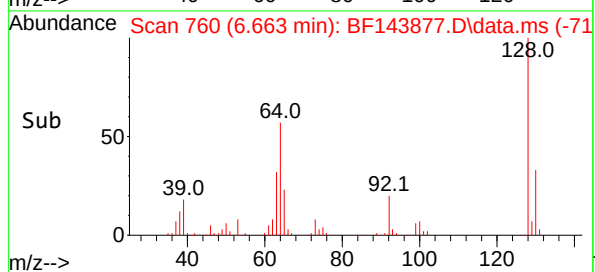
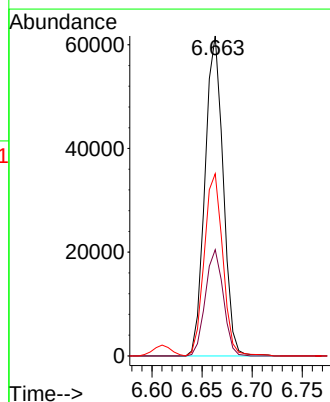
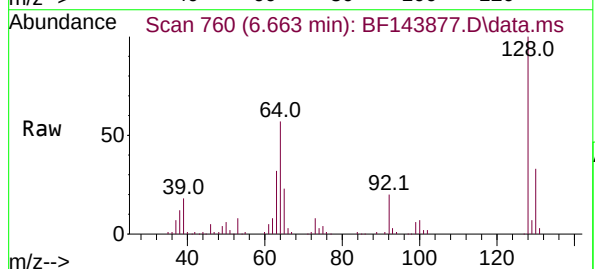
Manual Integrations  
APPROVED

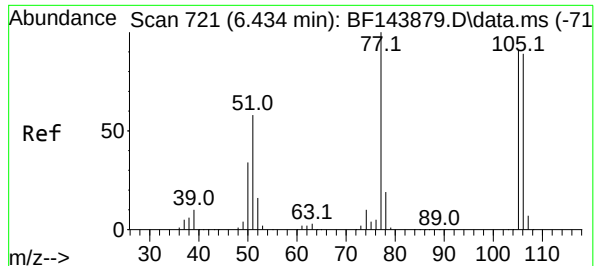
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#8  
2-Chlorophenol  
Concen: 9.983 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:128 Resp: 77754  
Ion Ratio Lower Upper  
128 100  
130 33.2 10.7 50.7  
64 56.9 39.0 79.0



#9  
Benzaldehyde

Concen: 9.629 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 70546

Ion Ratio Lower Upper

77 100

105 92.9 70.9 110.9

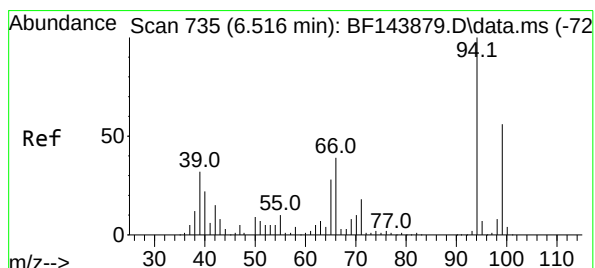
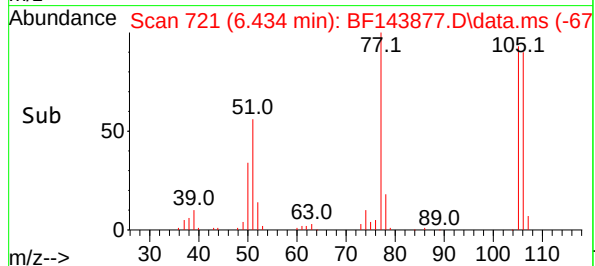
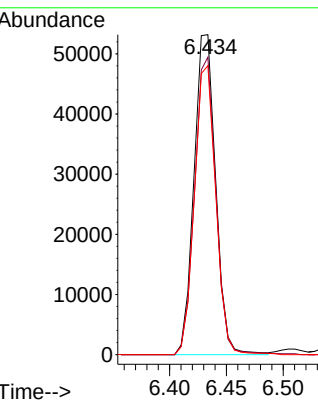
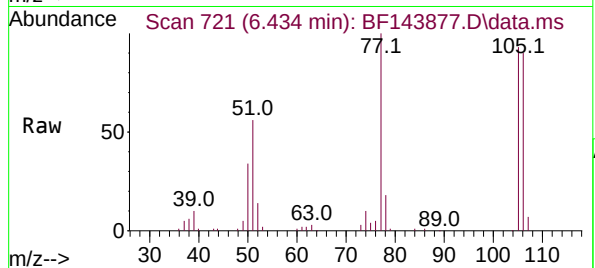
106 90.3 68.9 108.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 10.109 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

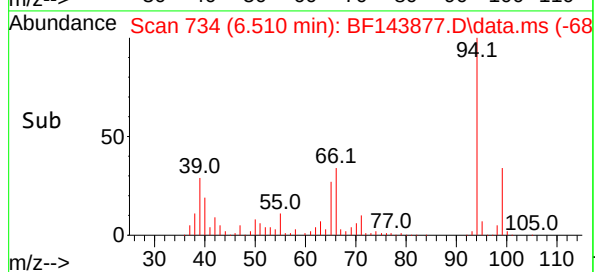
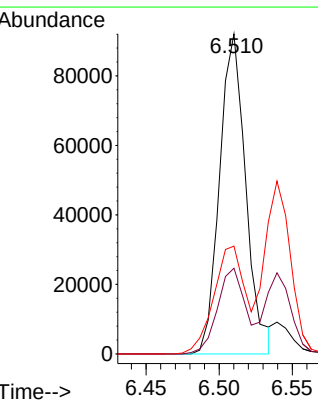
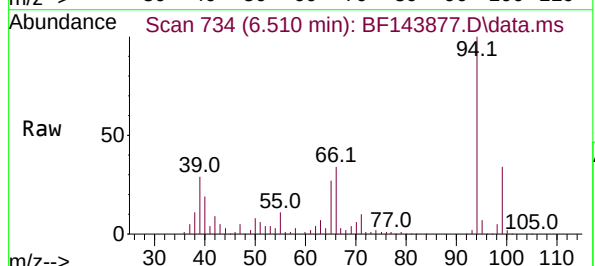
Tgt Ion: 94 Resp: 114780

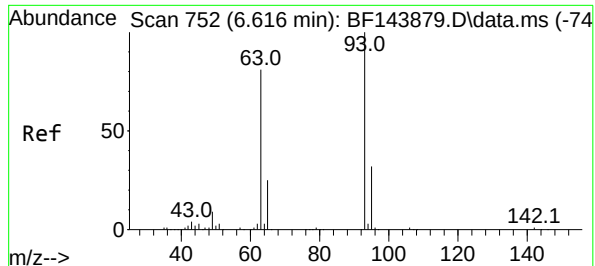
Ion Ratio Lower Upper

94 100

65 26.8 8.5 48.5

66 33.7 19.9 59.9





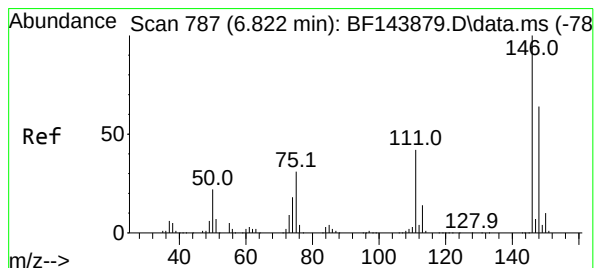
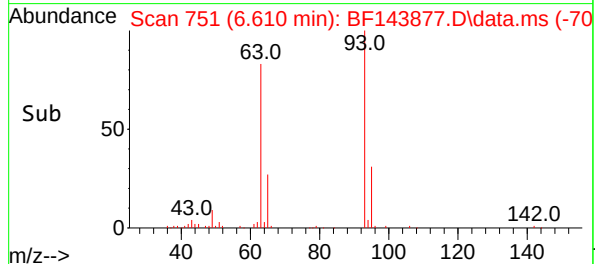
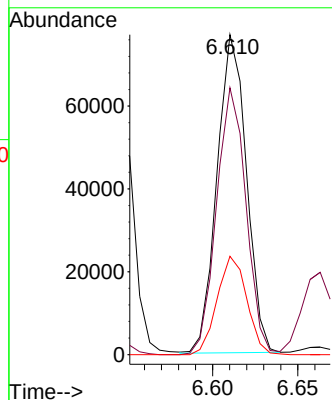
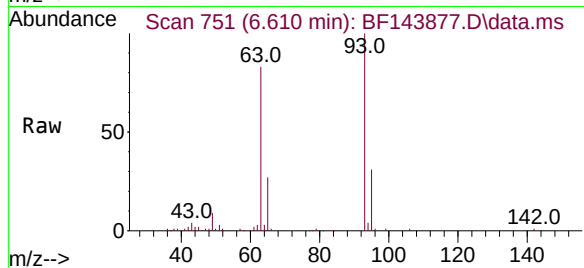
#11  
bis(2-Chloroethyl)ether  
Concen: 10.513 ng  
RT: 6.610 min Scan# 751  
Delta R.T. -0.018 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion: 93 Resp: 92208  
Ion Ratio Lower Upper  
93 100  
63 83.4 60.9 100.9  
95 30.7 11.5 51.5

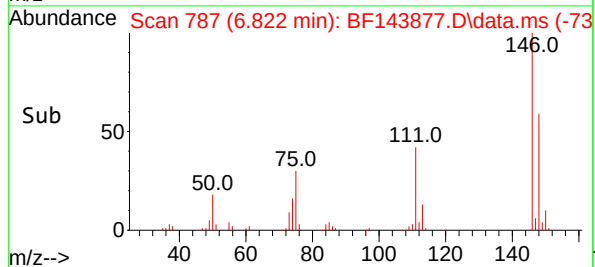
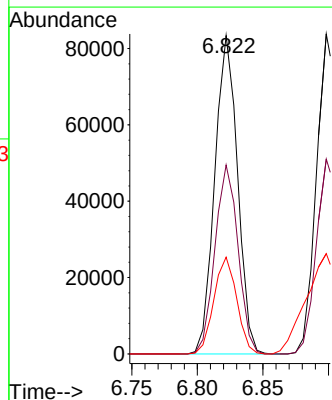
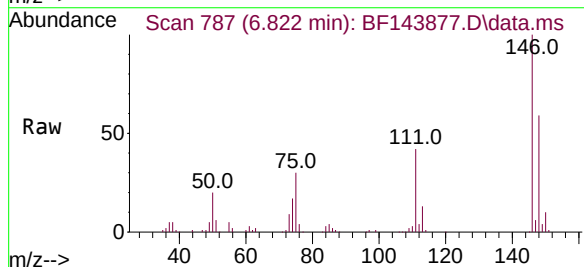
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

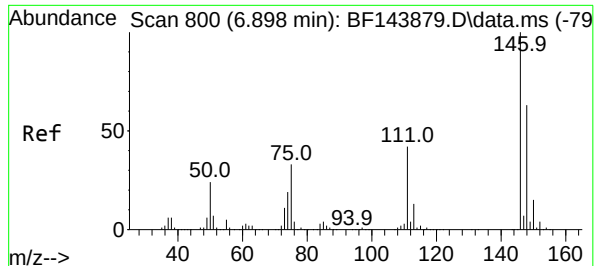


#12  
1,3-Dichlorobenzene  
Concen: 10.793 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:146 Resp: 100630  
Ion Ratio Lower Upper  
146 100  
148 59.3 51.0 76.4  
75 30.4 24.9 37.3







#13

1,4-Dichlorobenzene

Concen: 11.046 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 101588

Ion Ratio Lower Upper

146 100

148 60.9 50.5 75.7

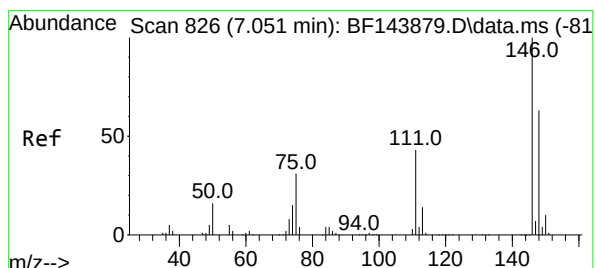
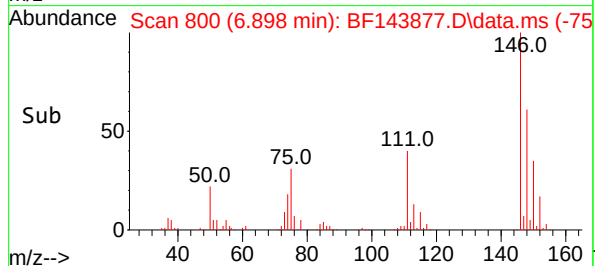
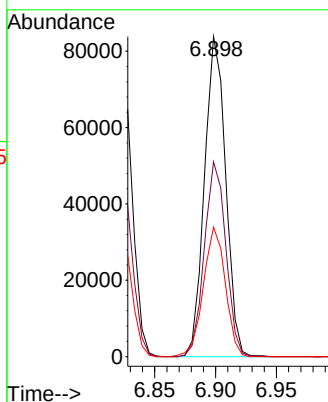
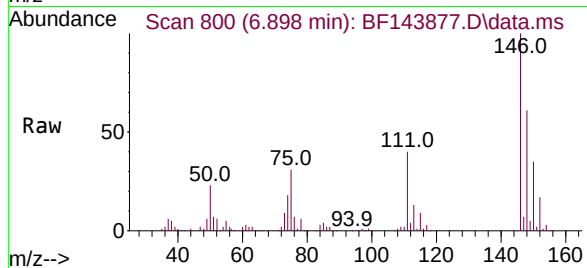
111 40.4 33.4 50.0

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 10.824 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

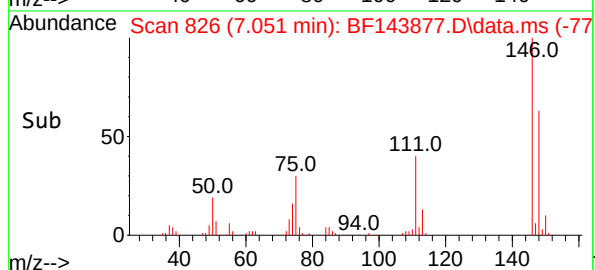
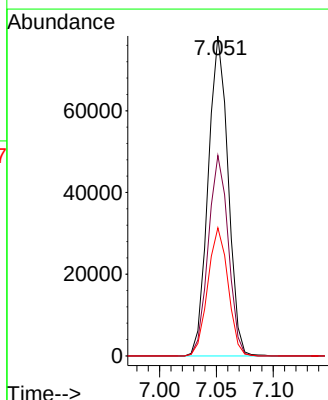
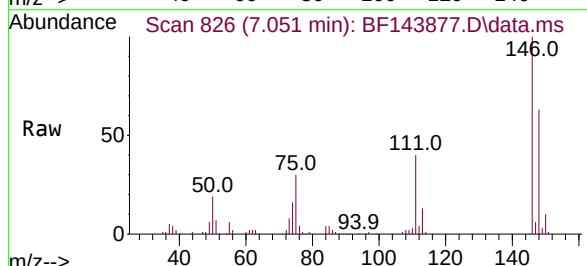
Tgt Ion:146 Resp: 95345

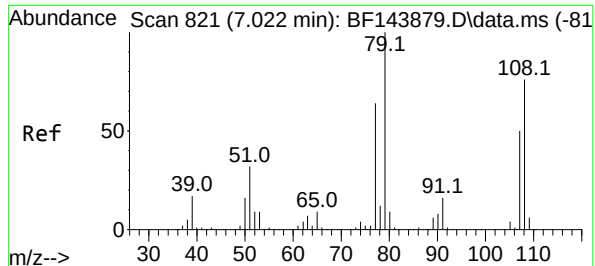
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

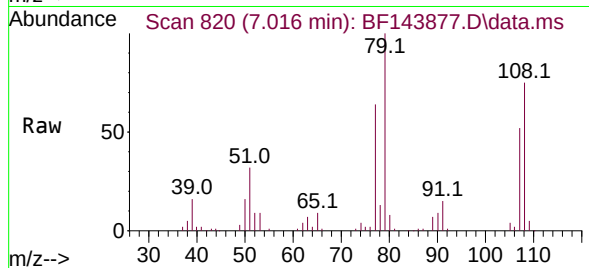
111 40.0 34.6 51.8





#15  
Benzyl Alcohol  
Concen: 9.943 ng  
RT: 7.016 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

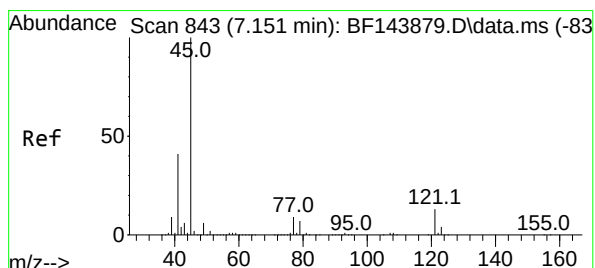
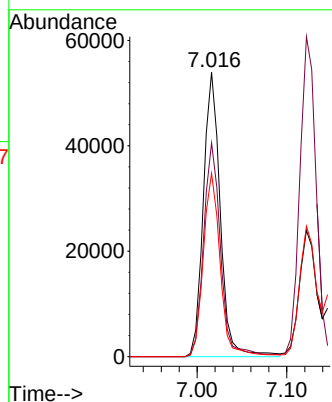
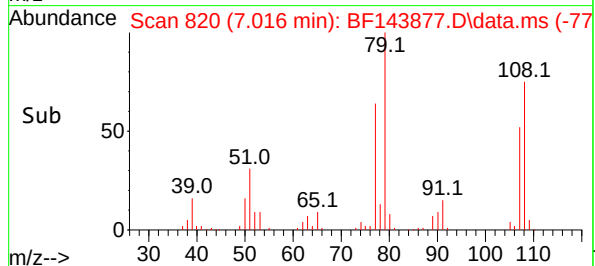
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion: 79 Resp: 70756  
Ion Ratio Lower Upper  
79 100  
108 75.1 60.8 91.2  
77 64.5 51.0 76.6

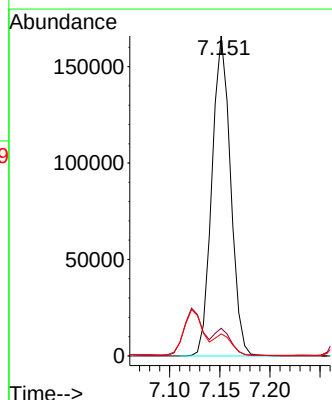
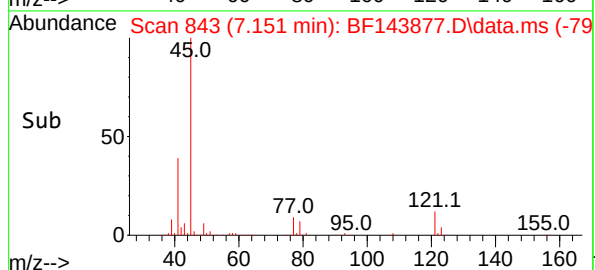
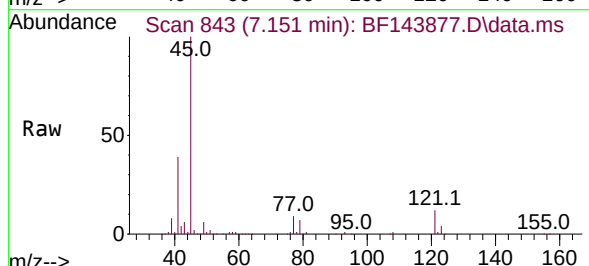
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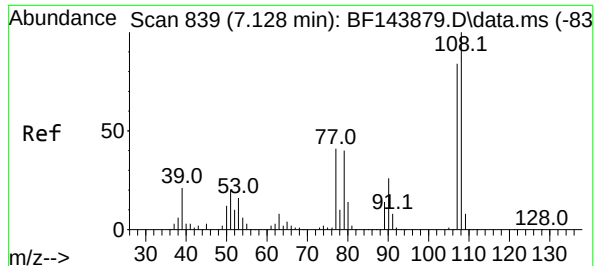
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.728 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion: 45 Resp: 214183  
Ion Ratio Lower Upper  
45 100  
77 8.6 0.0 29.0  
79 6.9 0.0 26.8





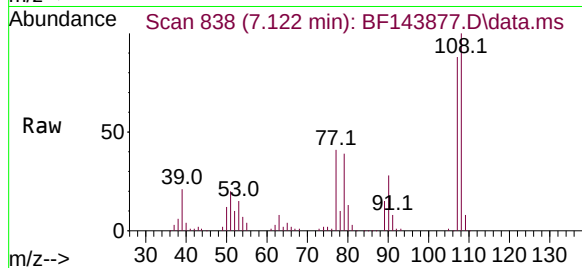
#17  
2-Methylphenol  
Concen: 10.389 ng  
RT: 7.122 min Scan# 839  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

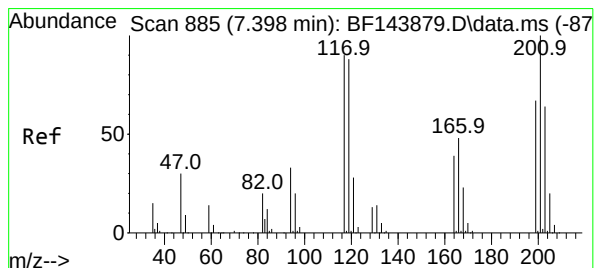
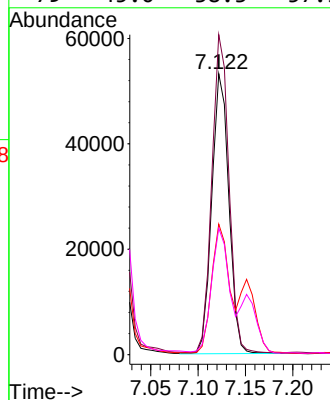
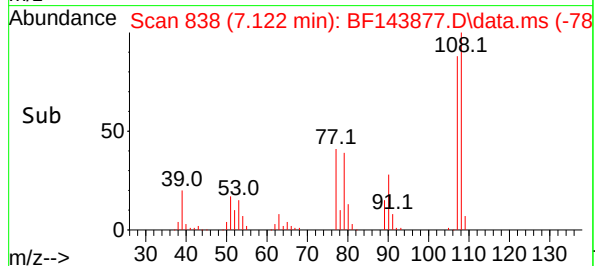


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.9 | 94.7  | 142.1 |
| 77      | 46.4  | 38.8  | 58.2  |
| 79      | 45.0  | 38.3  | 57.5  |

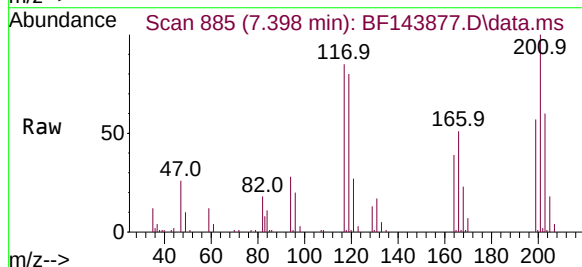
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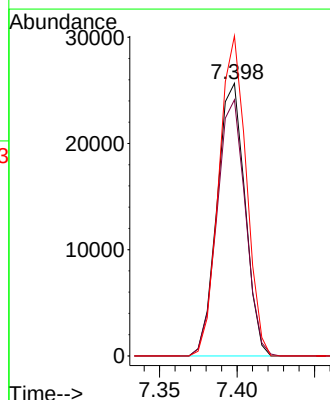
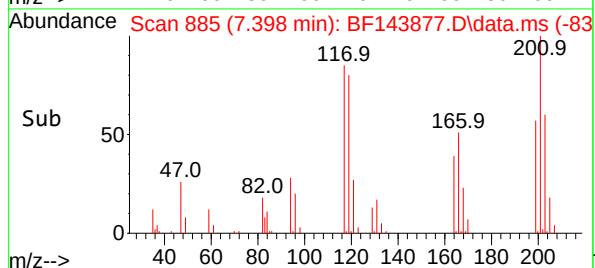
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

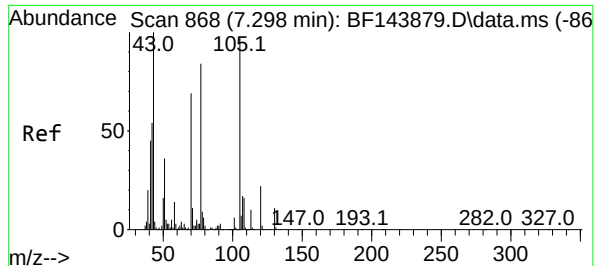


#18  
Hexachloroethane  
Concen: 10.486 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.0  | 77.8  | 116.8 |
| 201     | 117.4 | 88.5  | 132.7 |





#19

n-Nitroso-di-n-propylamine

Concen: 11.034 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 71731

Ion Ratio Lower Upper

70 100

42 72.0 62.8 94.2

101 7.5 6.7 10.1

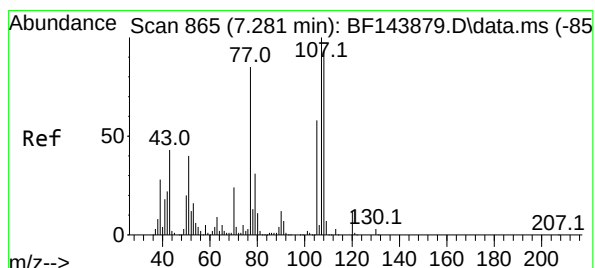
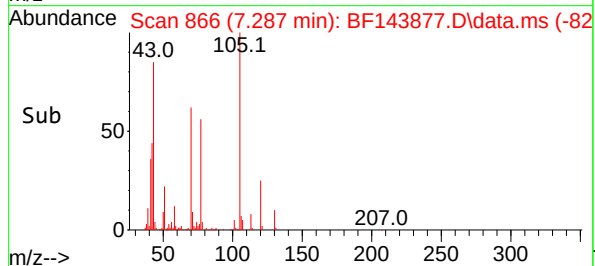
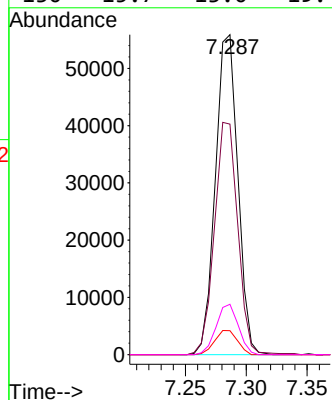
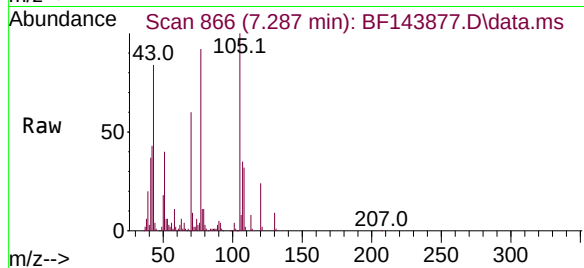
130 15.7 13.0 19.4

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Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 11.881 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:107 Resp: 88634

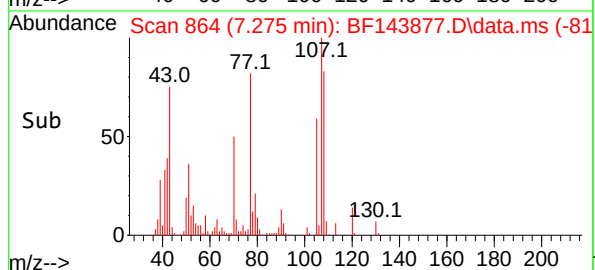
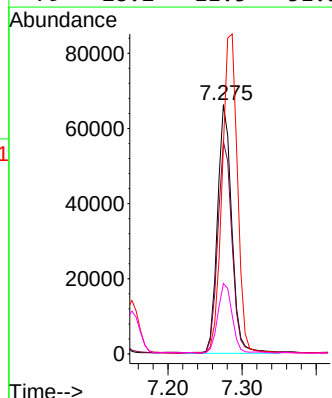
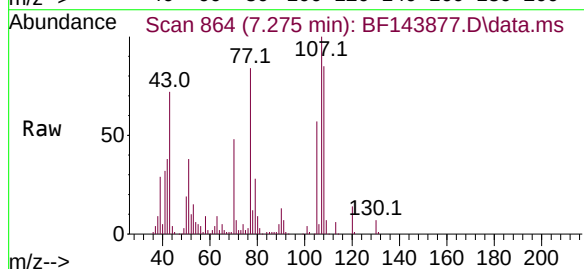
Ion Ratio Lower Upper

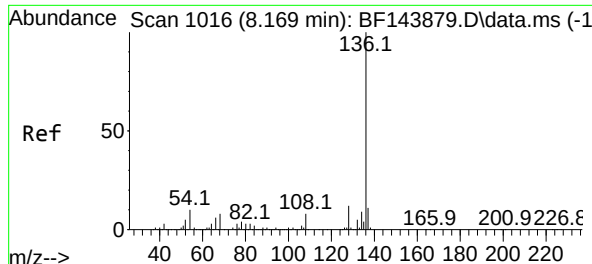
107 100

108 85.2 73.0 113.0

77 83.5 64.6 104.6

79 28.2 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 493548

Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.0 8.2 12.4

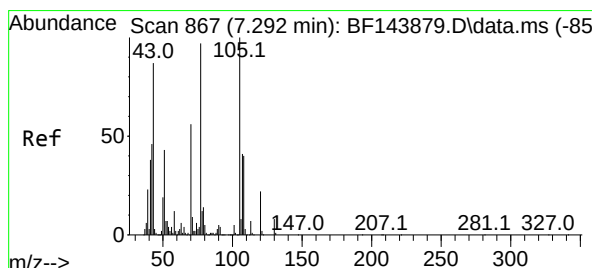
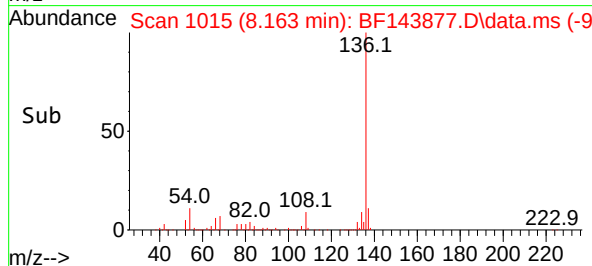
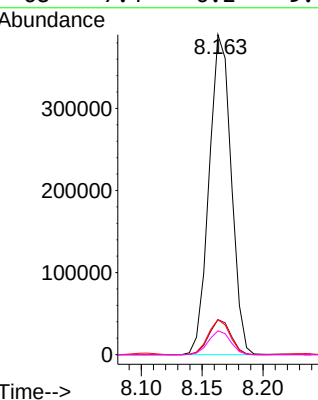
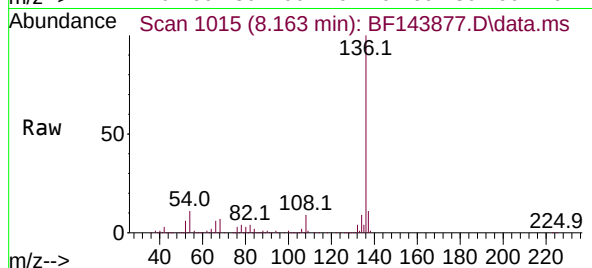
68 7.4 6.2 9.4

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Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

Concen: 10.900 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:105 Resp: 113751

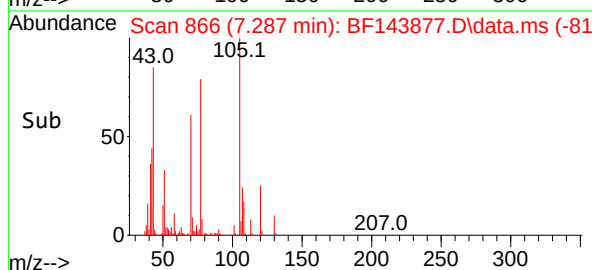
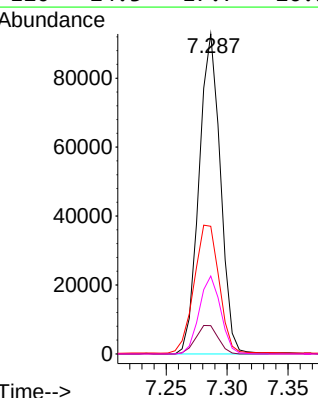
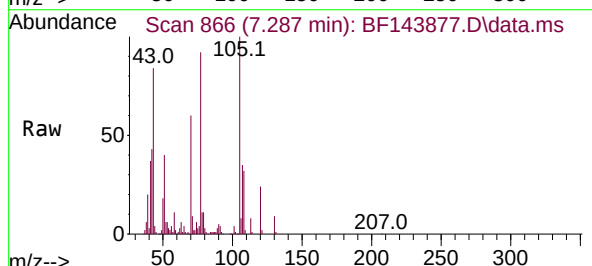
Ion Ratio Lower Upper

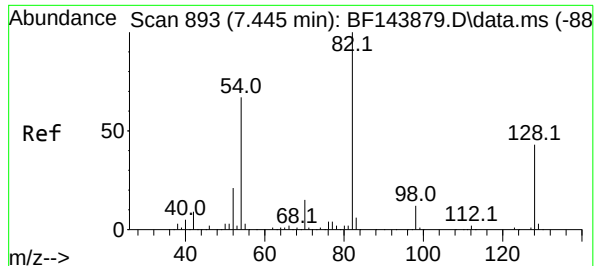
105 100

71 8.8 7.4 11.0

51 39.9 34.2 51.4

120 24.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 20.204 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

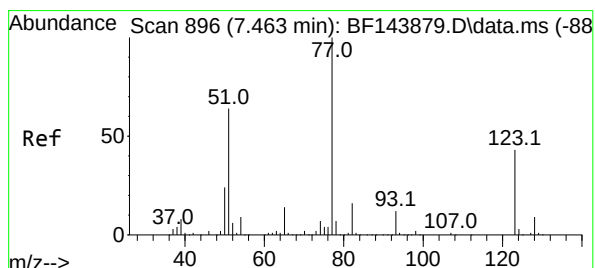
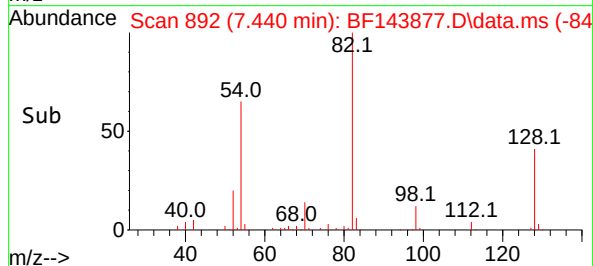
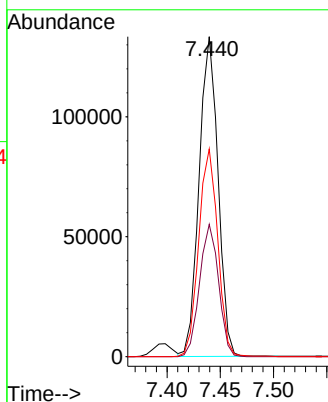
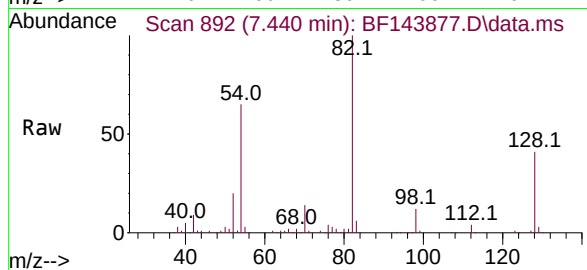
SSTDICC010

| Tgt Ion: | 82    | Resp: | 16412 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.3  | 34.0  | 51.0  |
| 54       | 64.9  | 53.2  | 79.8  |

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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 9.558 ng

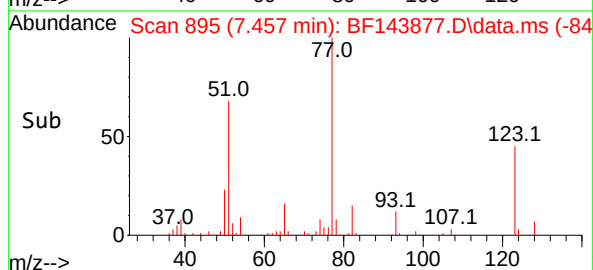
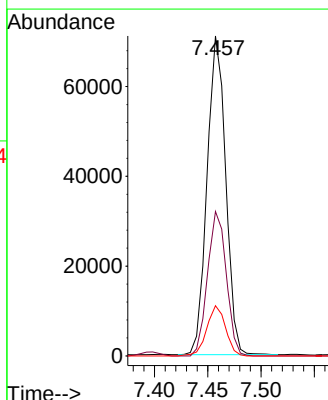
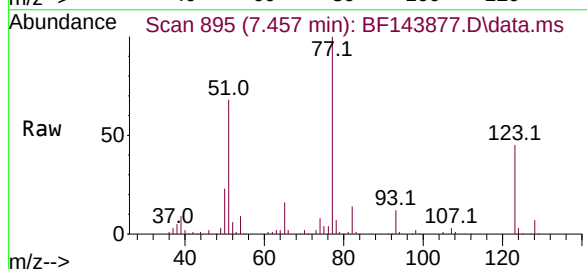
RT: 7.457 min Scan# 895

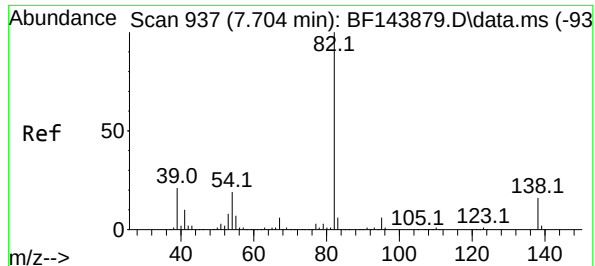
Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

| Tgt Ion: | 77    | Resp: | 86228 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 45.1  | 34.2  | 51.4  |
| 65       | 15.7  | 11.0  | 16.6  |





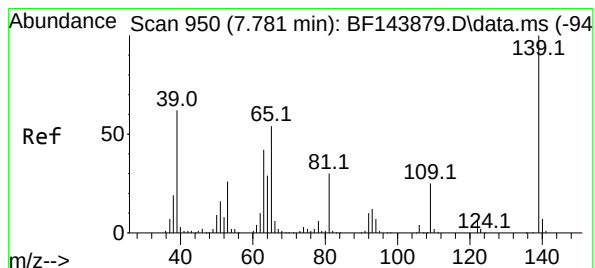
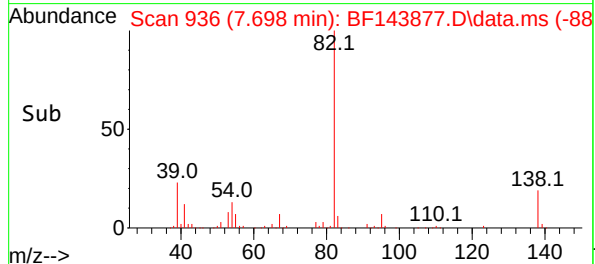
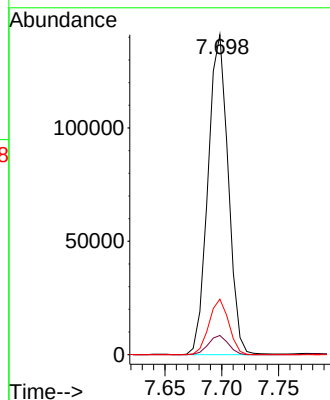
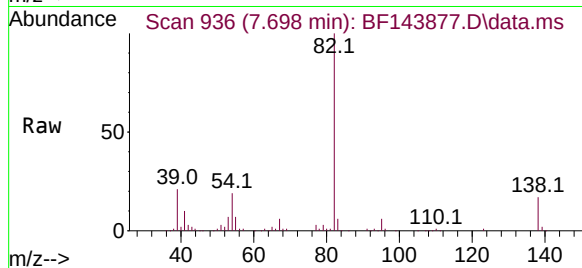
#25  
Isophorone  
Concen: 10.203 ng  
RT: 7.698 min Scan# 937  
Delta R.T. -0.023 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

Tgt Ion: 82 Resp: 174762  
Ion Ratio Lower Upper  
82 100  
95 6.0 5.1 7.7  
138 17.3 12.9 19.3

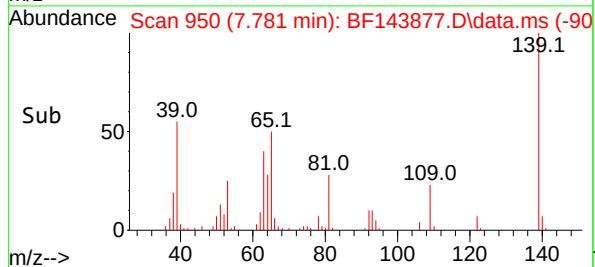
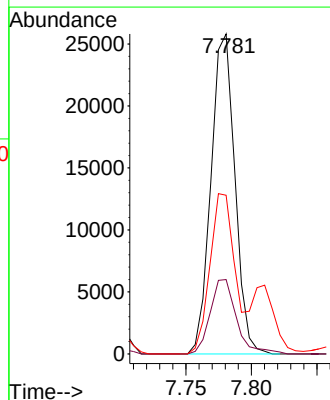
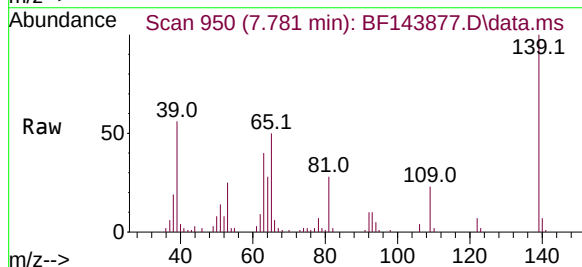
Manual Integrations  
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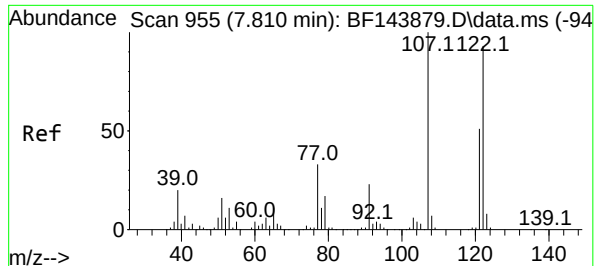
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#26  
2-Nitrophenol  
Concen: 8.477 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:139 Resp: 32787  
Ion Ratio Lower Upper  
139 100  
109 23.2 19.8 29.6  
65 49.6 42.9 64.3





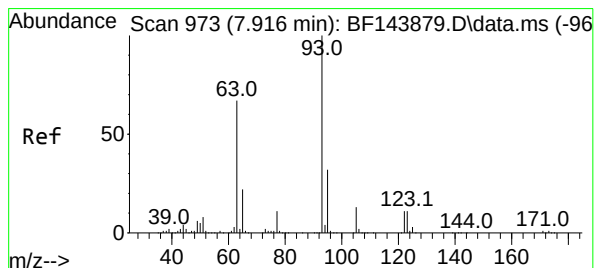
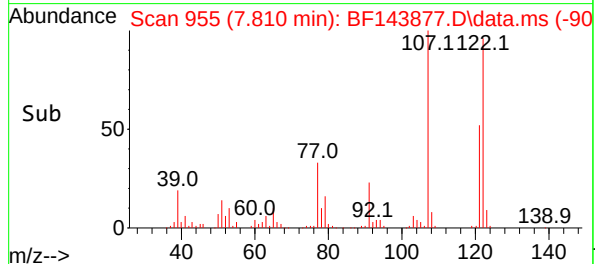
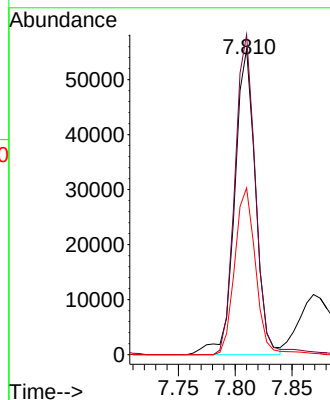
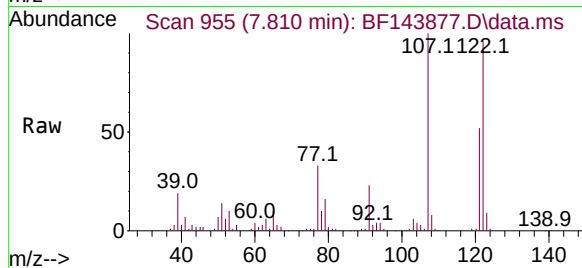
#27  
2,4-Dimethylphenol  
Concen: 10.199 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:122 Resp: 70960  
Ion Ratio Lower Upper  
122 100  
107 104.7 86.1 129.1  
121 54.5 43.8 65.6

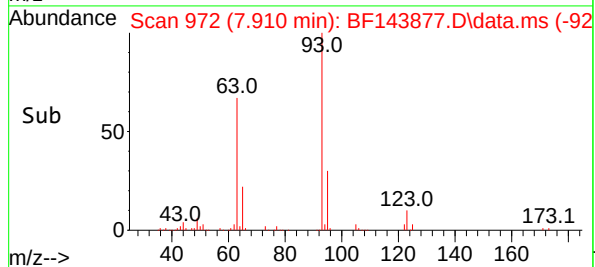
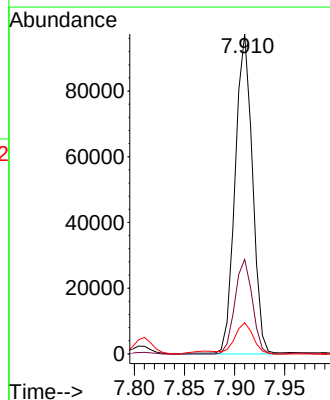
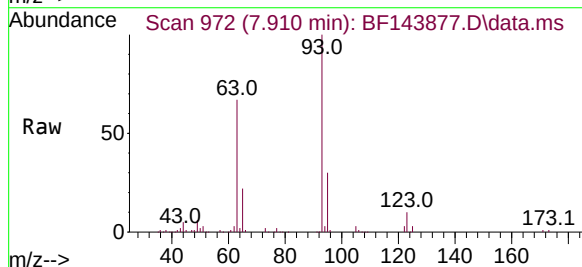
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

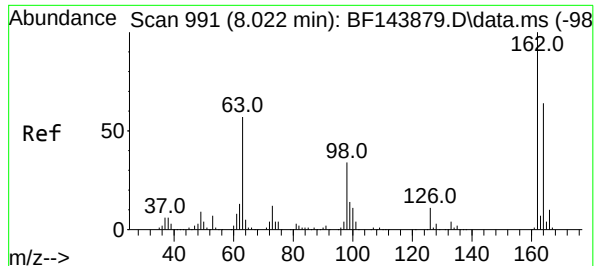


#28  
bis(2-Chloroethoxy)methane  
Concen: 10.804 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion: 93 Resp: 116898  
Ion Ratio Lower Upper  
93 100  
95 29.5 25.9 38.9  
123 9.7 9.4 14.0







#29

2,4-Dichlorophenol

Concen: 9.954 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 7214

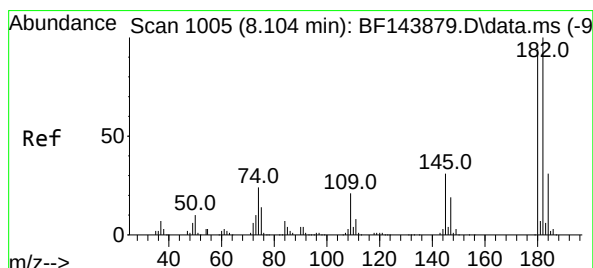
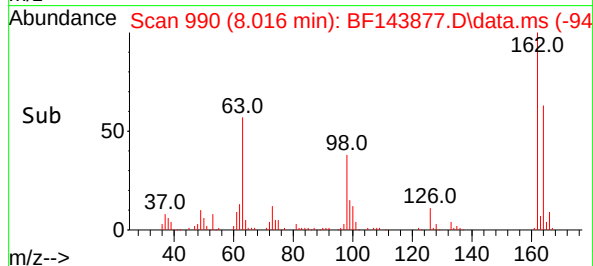
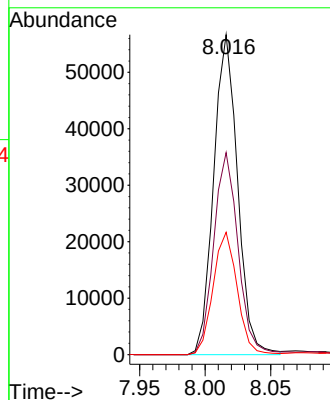
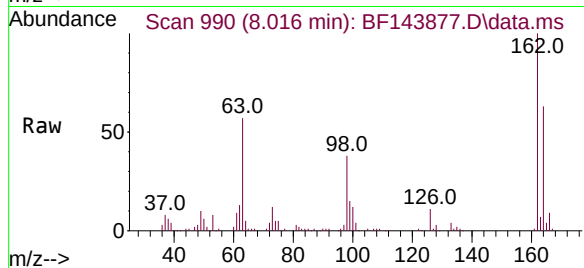
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 63.1  | 43.9  | 83.9  |
| 98  | 38.2  | 14.4  | 54.4  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.336 ng

RT: 8.104 min Scan# 1005

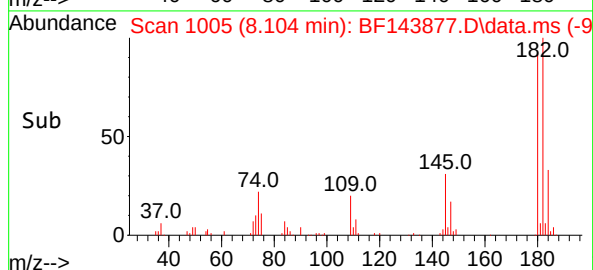
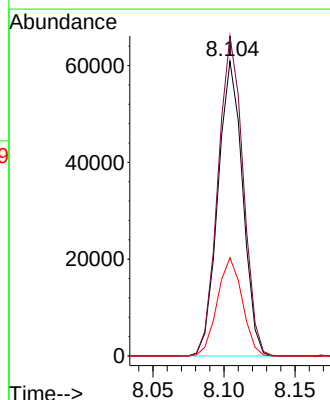
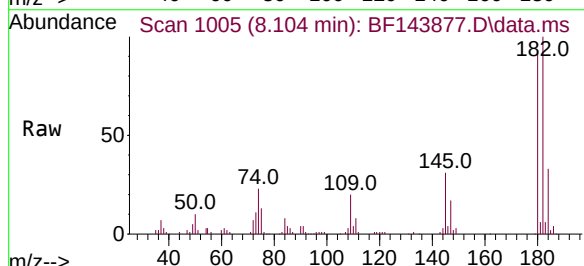
Delta R.T. -0.006 min

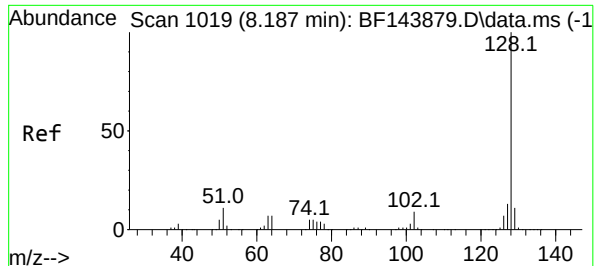
Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:180 Resp: 73668

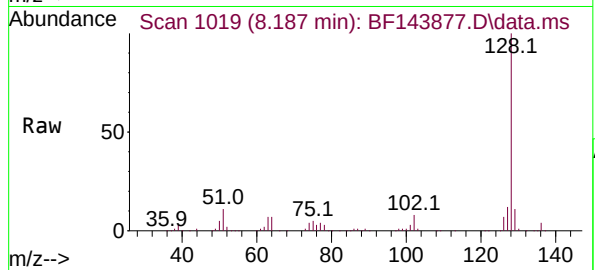
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 108.6 | 85.4  | 128.0 |
| 145 | 33.3  | 26.3  | 39.5  |





#31  
Naphthalene  
Concen: 10.951 ng  
RT: 8.187 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

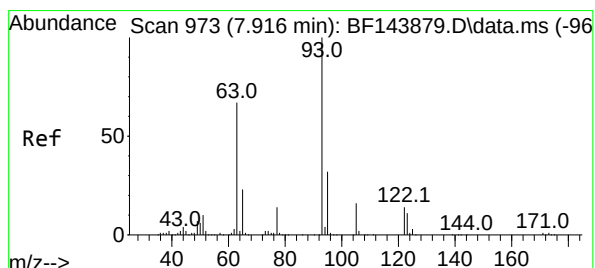
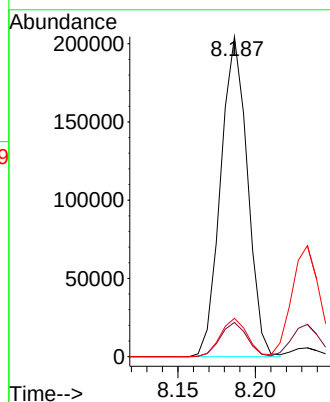
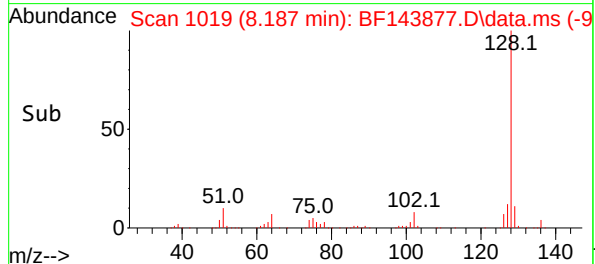
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:128 Resp: 245852  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.7 13.1  
127 12.0 10.0 15.0

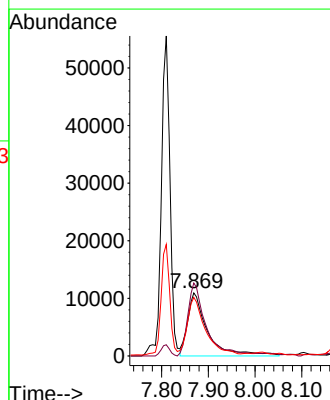
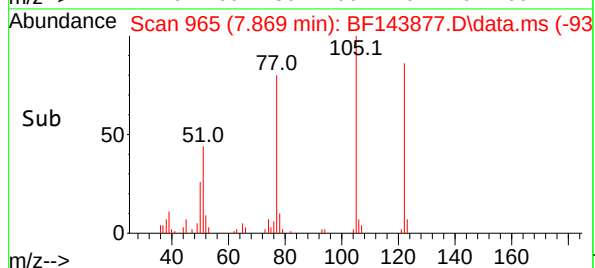
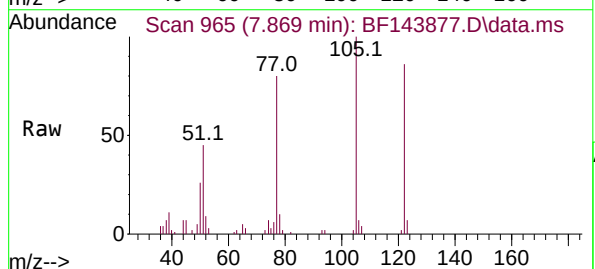
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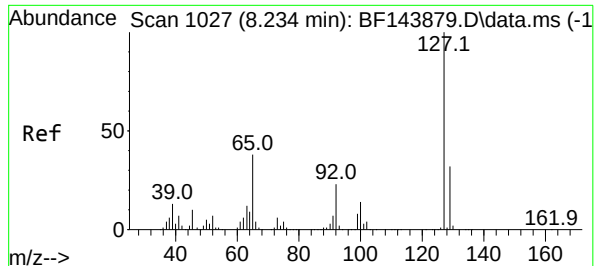
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#32  
Benzoic acid  
Concen: 6.721 ng m  
RT: 7.869 min Scan# 965  
Delta R.T. -0.094 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:122 Resp: 32361  
Ion Ratio Lower Upper  
122 100  
105 115.7 93.5 133.5  
77 92.9 76.3 116.3





#33

4-Chloroaniline

Concen: 10.842 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

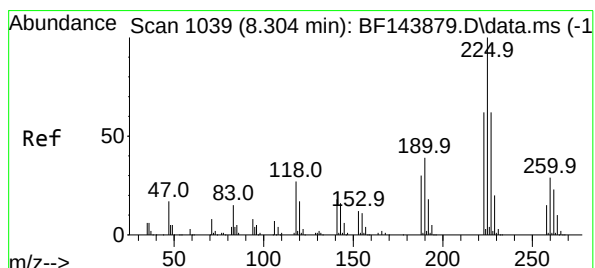
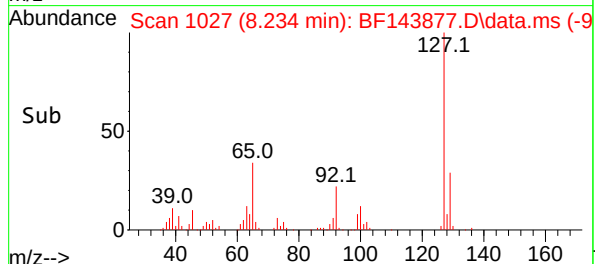
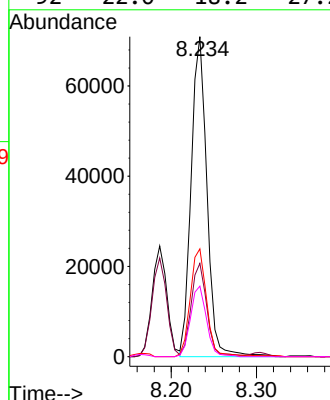
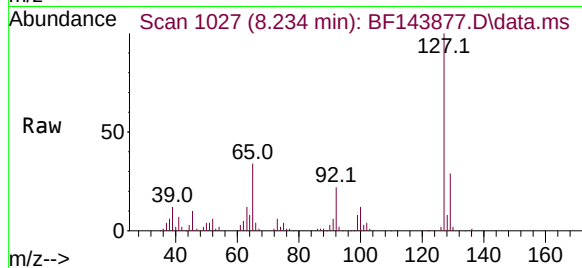
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 91294 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.1  | 25.8  | 38.8  |
| 65       | 33.7  | 30.0  | 45.0  |
| 92       | 22.0  | 18.2  | 27.2  |

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Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 10.665 ng

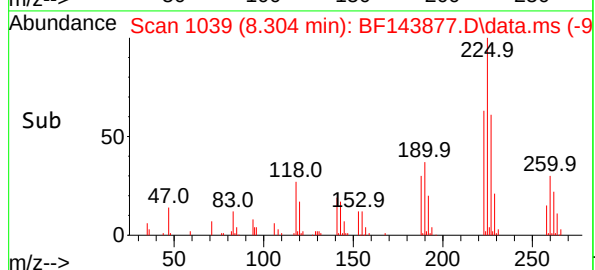
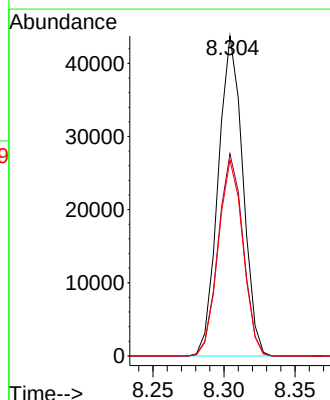
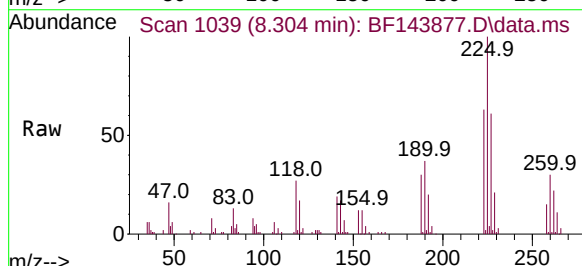
RT: 8.304 min Scan# 1039

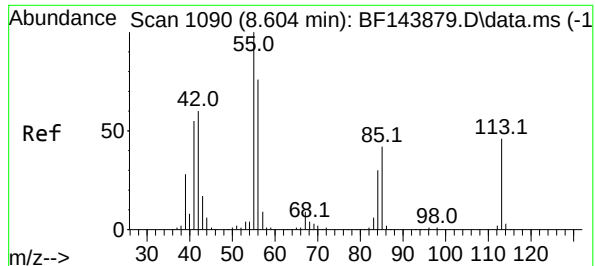
Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 52824 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.2  | 49.4  | 74.2  |
| 227      | 61.1  | 49.7  | 74.5  |





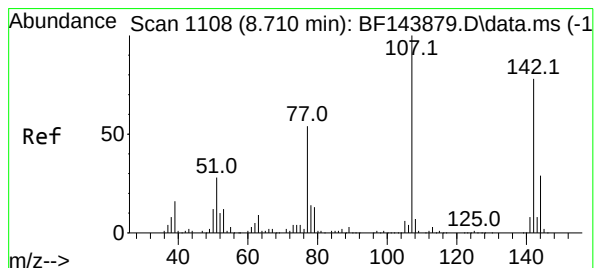
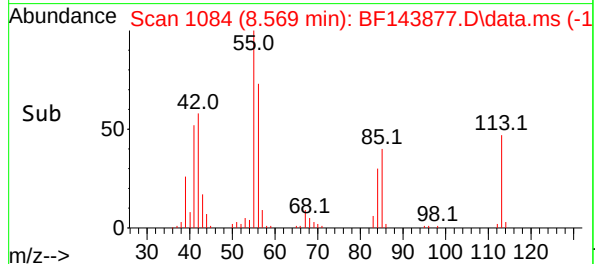
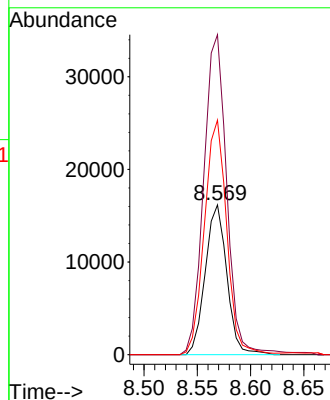
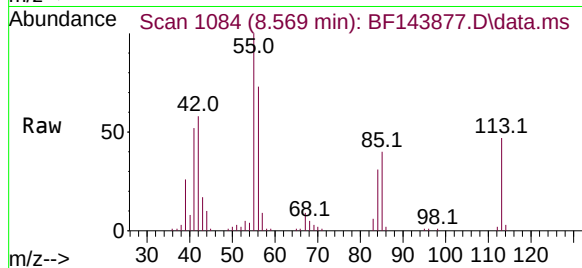
#35  
Caprolactam  
Concen: 9.900 ng  
RT: 8.569 min Scan# 1090  
Delta R.T. -0.076 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:113 Resp: 22813  
Ion Ratio Lower Upper  
113 100  
55 213.8 199.6 239.6  
56 156.7 146.0 186.0

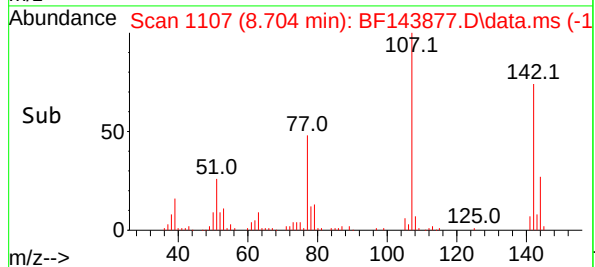
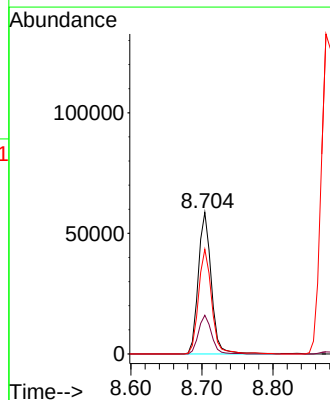
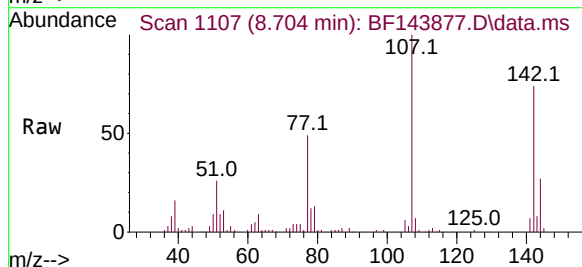
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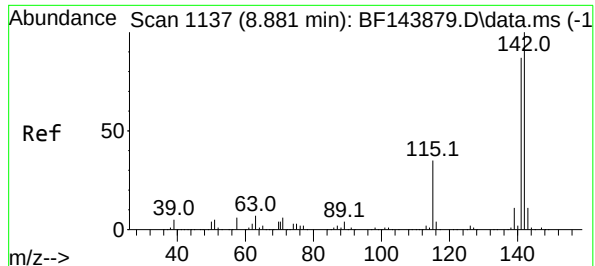
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 10.708 ng  
RT: 8.704 min Scan# 1107  
Delta R.T. -0.018 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

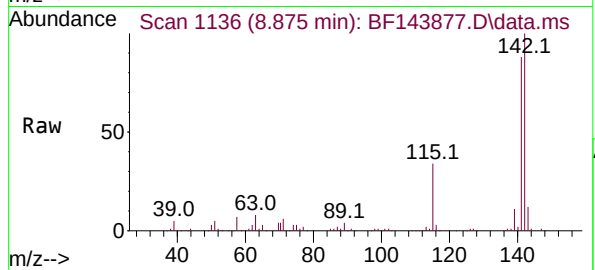
Tgt Ion:107 Resp: 74546  
Ion Ratio Lower Upper  
107 100  
144 27.3 23.1 34.7  
142 74.0 62.6 94.0





#37  
2-Methylnaphthalene  
Concen: 11.272 ng  
RT: 8.875 min Scan# 1136  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

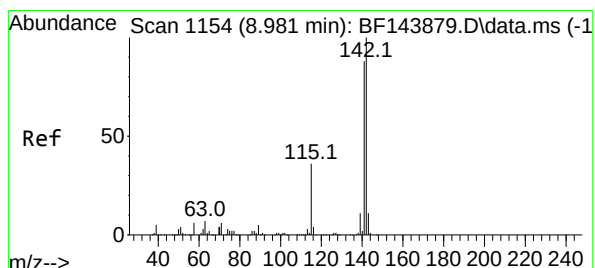
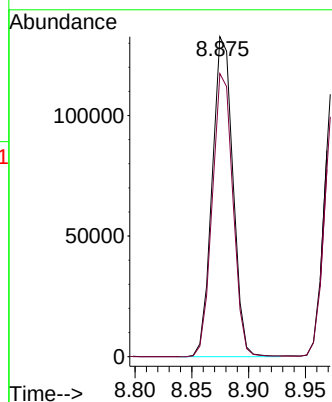
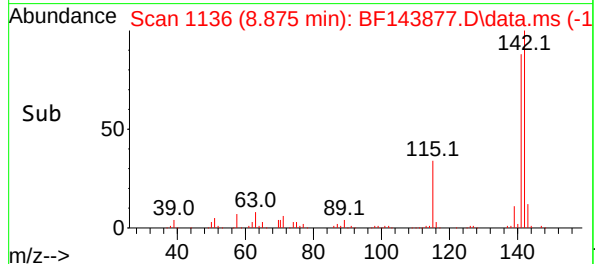
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:142 Resp: 16858  
Ion Ratio Lower Upper  
142 100  
141 88.4 69.2 103.8

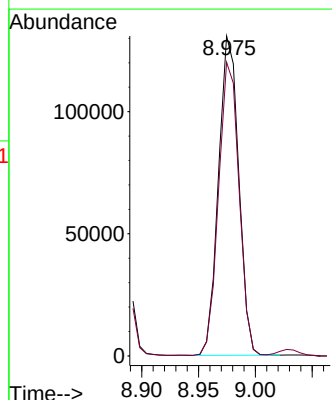
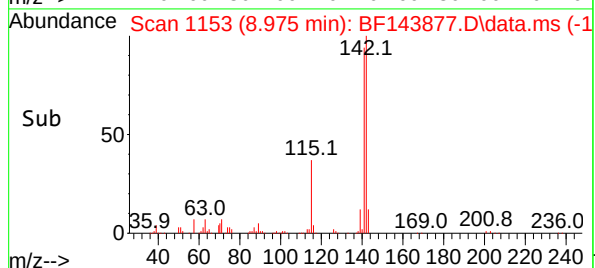
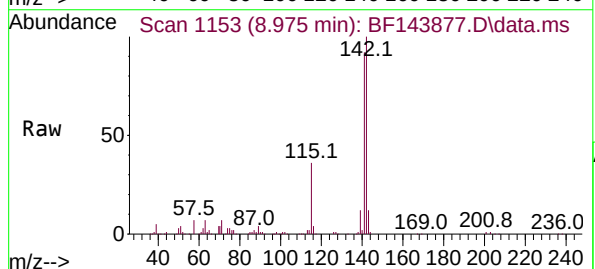
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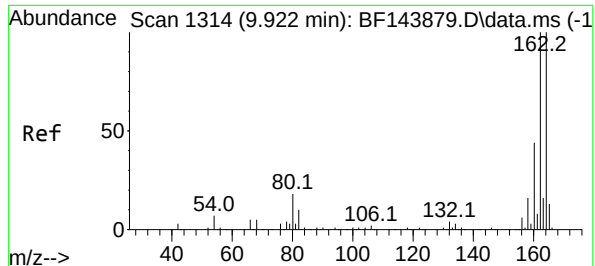
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#38  
1-Methylnaphthalene  
Concen: 11.160 ng  
RT: 8.975 min Scan# 1153  
Delta R.T. -0.011 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:142 Resp: 161895  
Ion Ratio Lower Upper  
142 100  
141 91.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143877.D

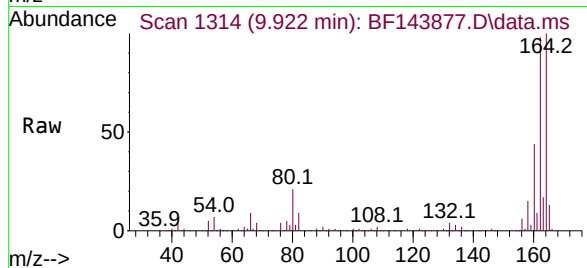
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 28382

Ion Ratio Lower Upper

164 100

162 97.5 80.2 120.2

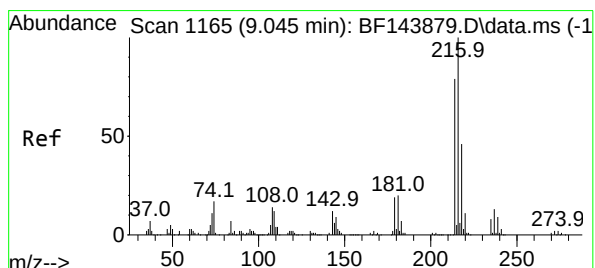
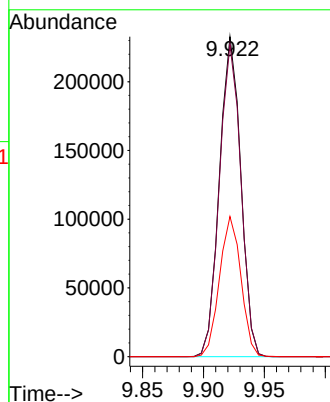
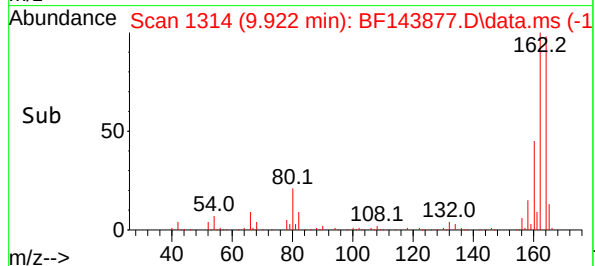
160 43.8 35.4 53.0

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

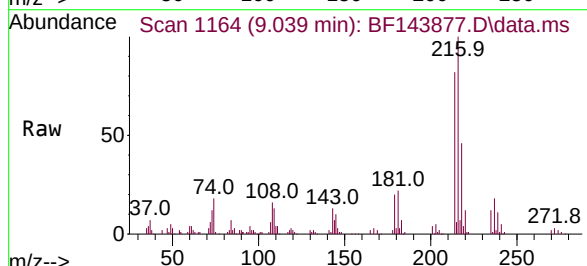
Concen: 10.705 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:216 Resp: 83972

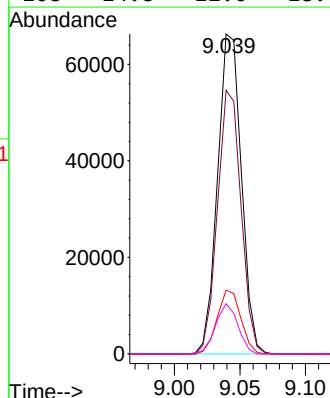
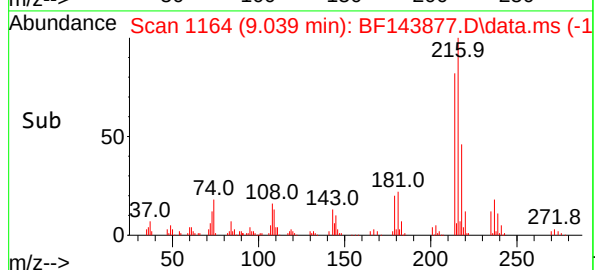
Ion Ratio Lower Upper

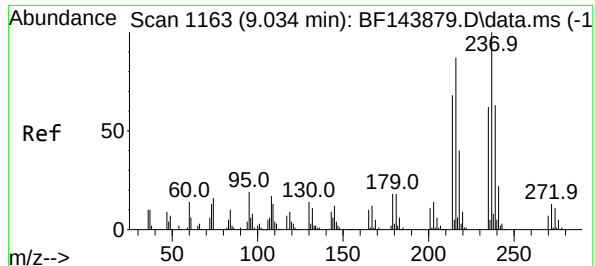
216 100

214 81.4 62.6 94.0

179 19.8 15.4 23.0

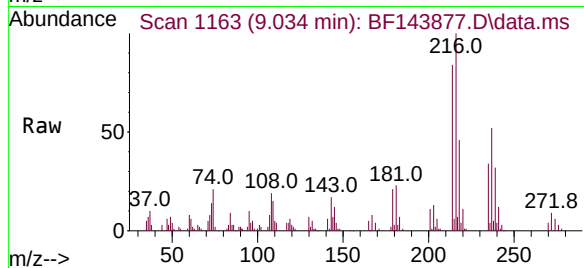
108 14.8 12.0 18.0





#41  
Hexachlorocyclopentadiene  
Concen: 7.932 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

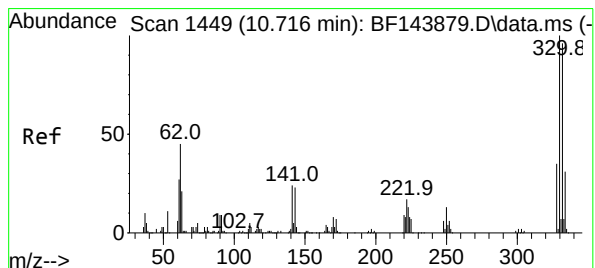
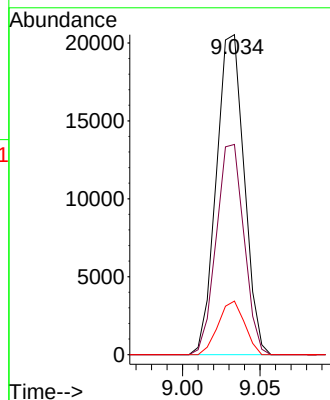
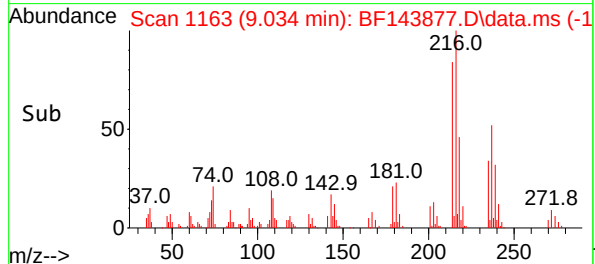
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:237 Resp: 25812  
Ion Ratio Lower Upper  
237 100  
235 65.7 42.3 82.3  
272 16.7 0.0 33.1

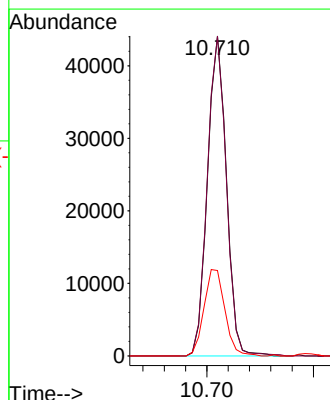
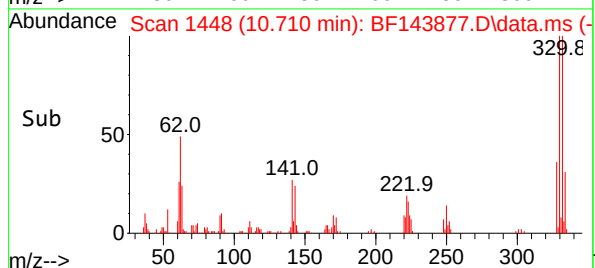
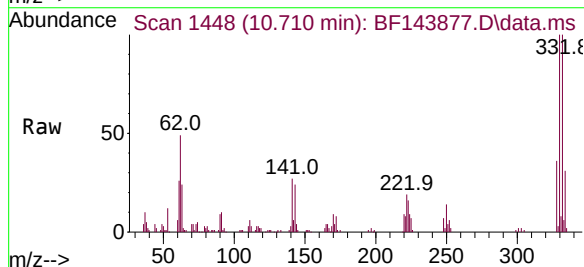
Manual Integrations  
APPROVED

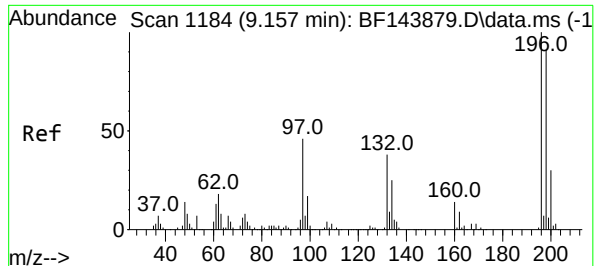
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#42  
2,4,6-Tribromophenol  
Concen: 19.262 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:330 Resp: 54453  
Ion Ratio Lower Upper  
330 100  
332 100.2 76.9 115.3  
141 29.7 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 9.758 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143877.D

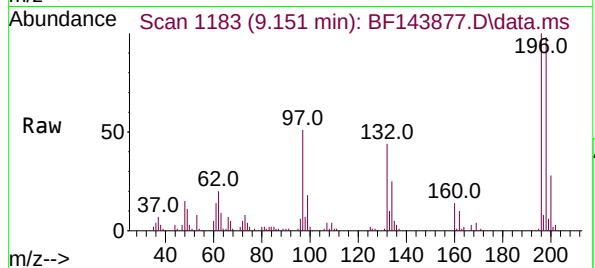
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 55929

Ion Ratio Lower Upper

196 100

198 98.4 72.8 109.2

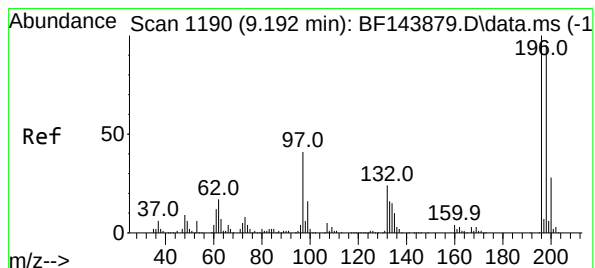
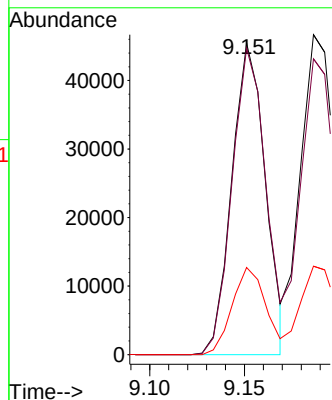
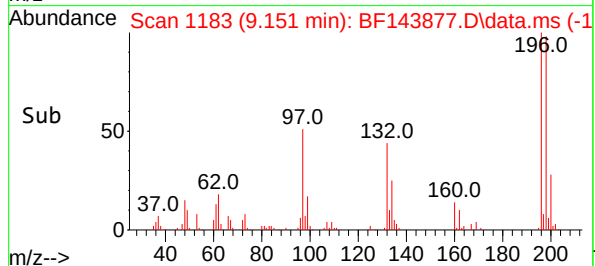
200 28.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

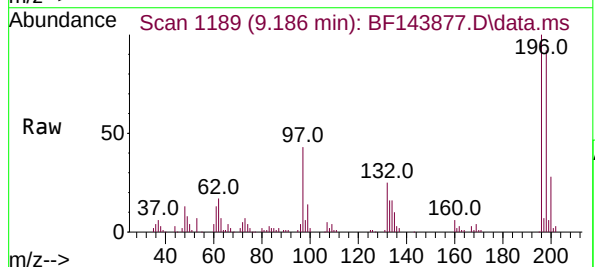
Concen: 10.407 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:196 Resp: 63036

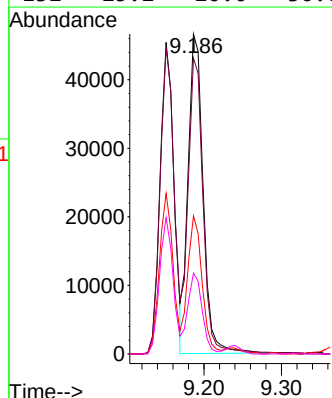
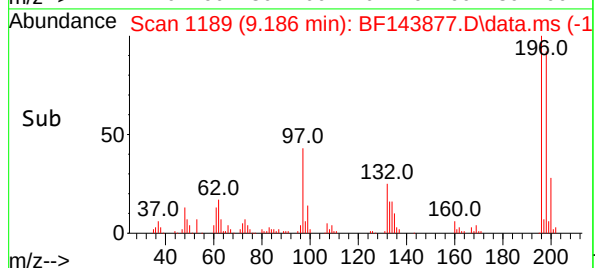
Ion Ratio Lower Upper

196 100

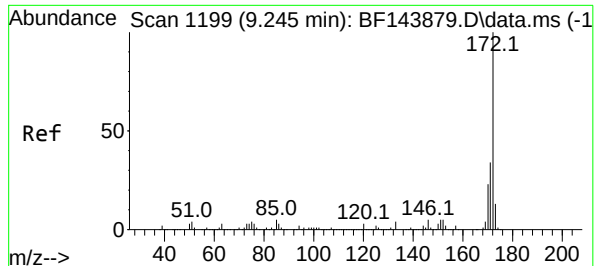
198 92.4 75.5 113.3

97 43.1 33.9 50.9

132 25.2 20.0 30.0

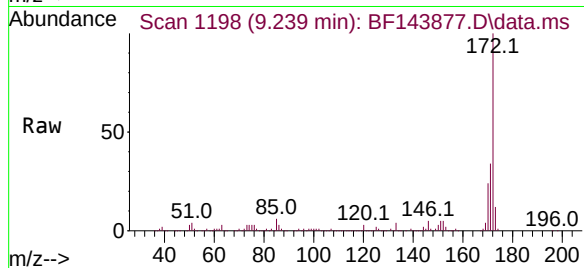






#45  
2-Fluorobiphenyl  
Concen: 22.595 ng  
RT: 9.239 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

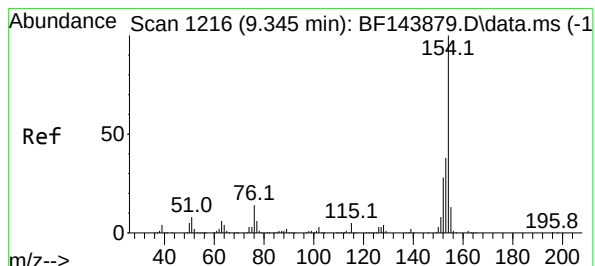
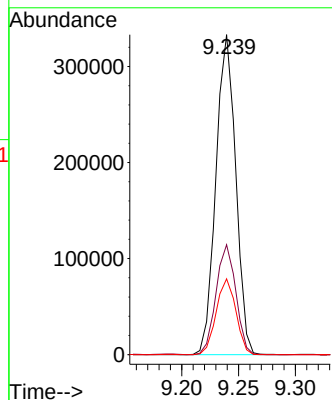
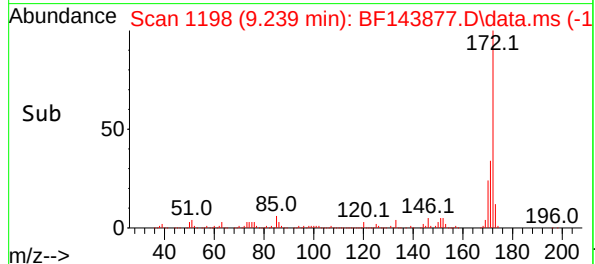
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



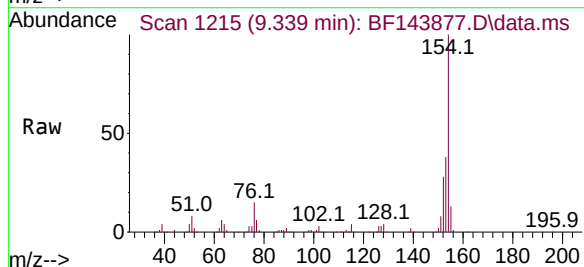
Tgt Ion:172 Resp: 404164  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.4 41.0  
170 23.7 18.6 28.0

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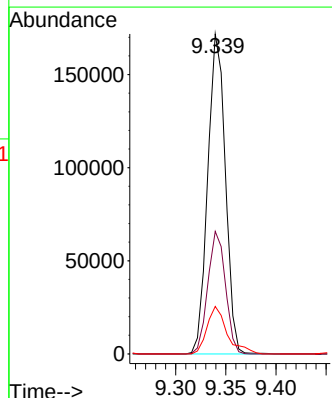
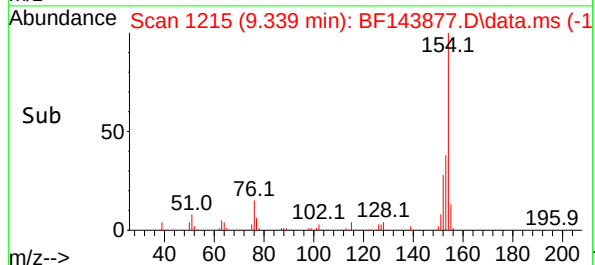
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

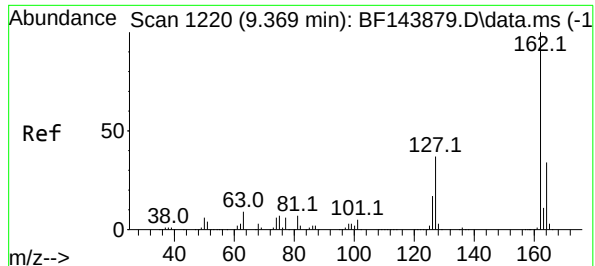


#46  
1,1'-Biphenyl  
Concen: 11.150 ng  
RT: 9.339 min Scan# 1215  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57



Tgt Ion:154 Resp: 209528  
Ion Ratio Lower Upper  
154 100  
153 38.3 18.4 58.4  
76 14.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 10.829 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF143877.D

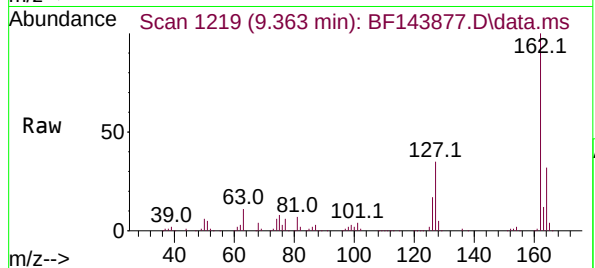
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 169672

Ion Ratio Lower Upper

162 100

127 35.1 30.2 45.2

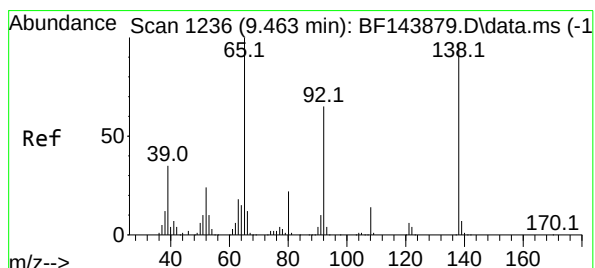
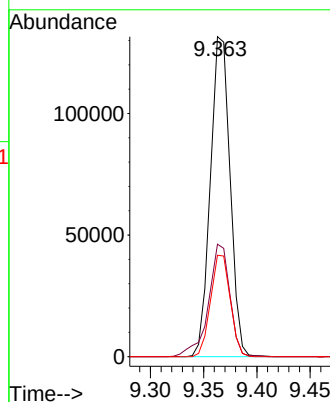
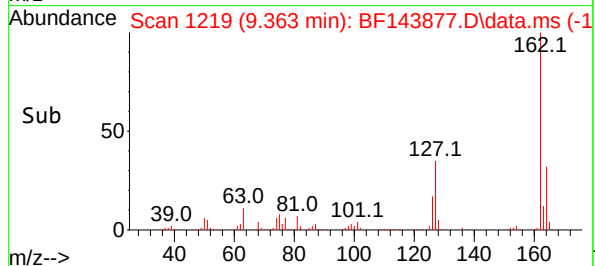
164 31.7 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

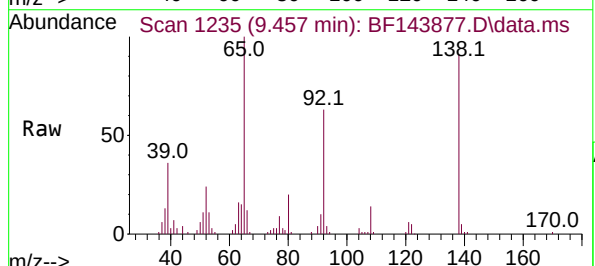
Concen: 9.219 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



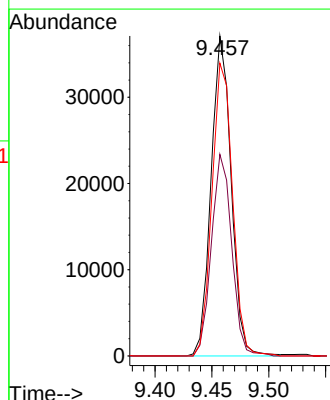
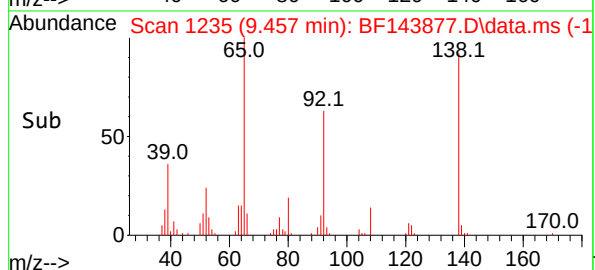
Tgt Ion: 65 Resp: 45663

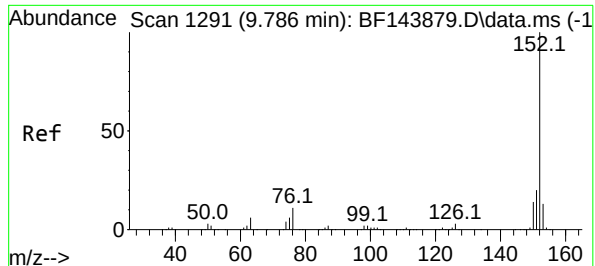
Ion Ratio Lower Upper

65 100

92 63.0 52.1 78.1

138 91.5 77.4 116.2





#49

Acenaphthylene

Concen: 10.962 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143877.D

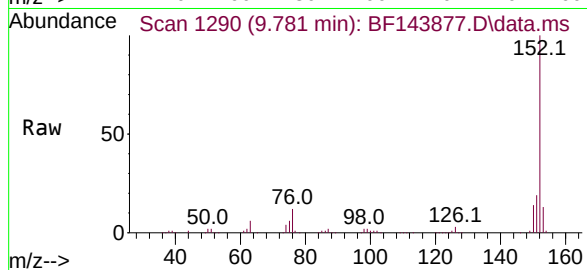
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:152 Resp: 241454

Ion Ratio Lower Upper

152 100

151 18.5 15.8 23.6

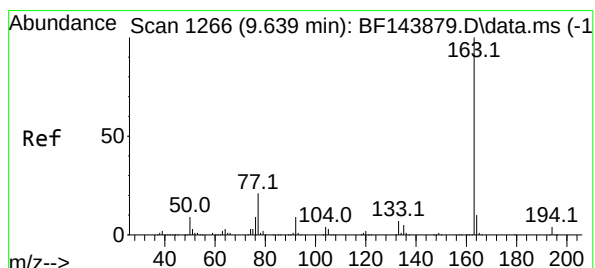
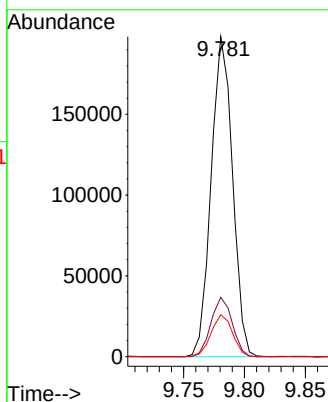
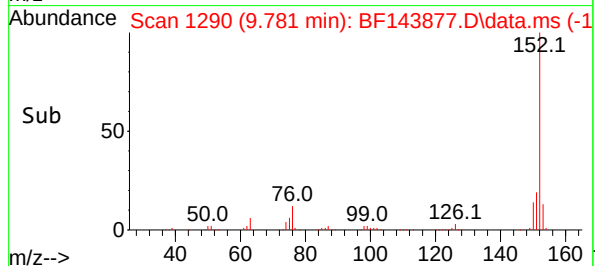
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

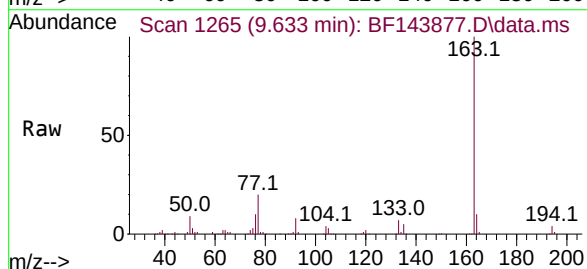
Concen: 10.638 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



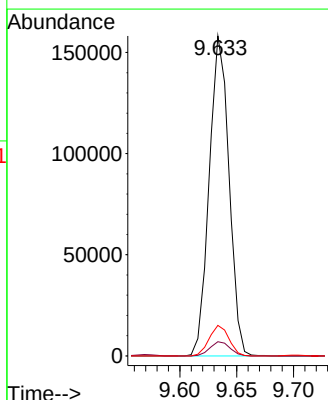
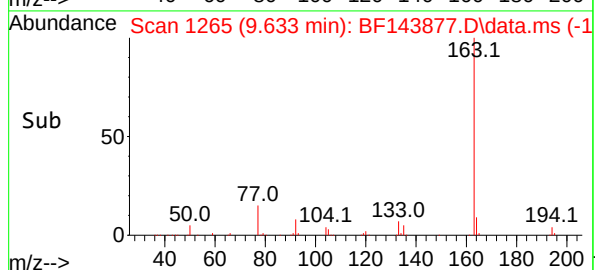
Tgt Ion:163 Resp: 191729

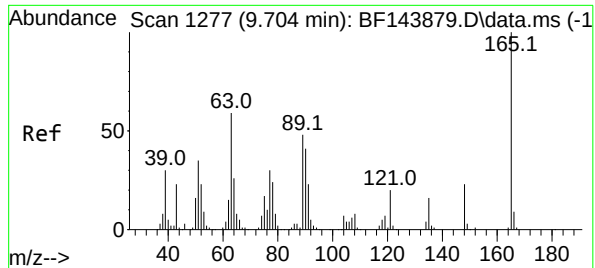
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 9.5 8.1 12.1





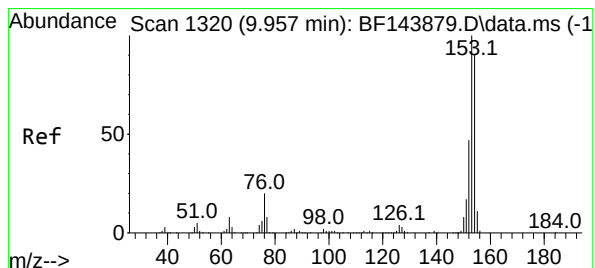
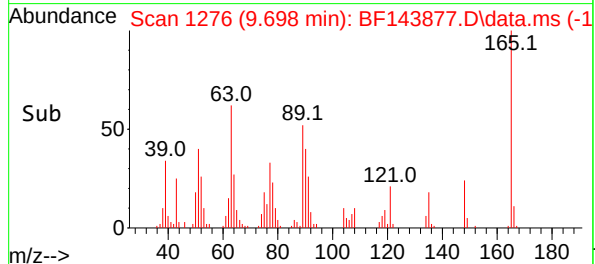
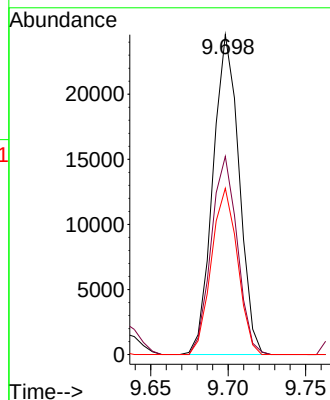
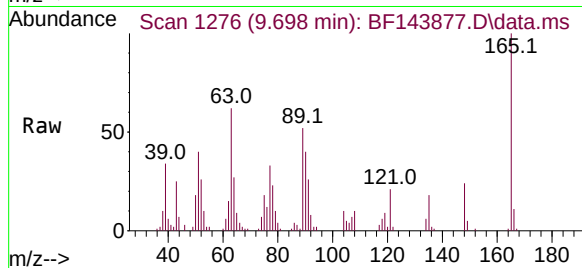
#51  
2,6-Dinitrotoluene  
Concen: 8.655 ng  
RT: 9.698 min Scan# 1276  
Delta R.T. -0.018 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:165 Resp: 28928  
Ion Ratio Lower Upper  
165 100  
63 61.9 47.3 70.9  
89 52.0 38.2 57.4

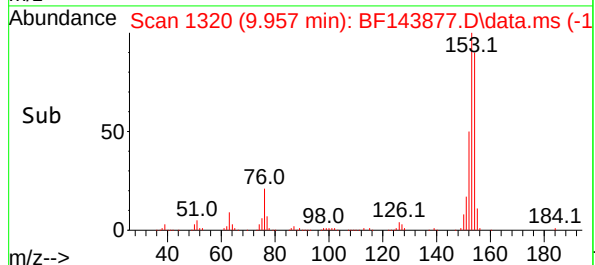
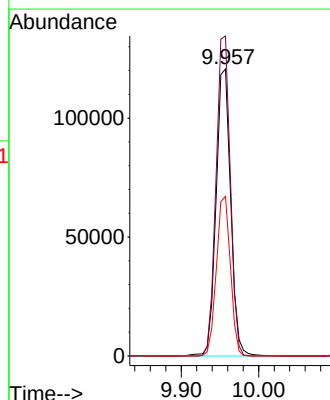
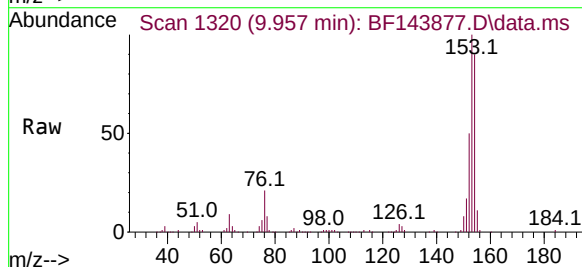
Manual Integrations  
APPROVED

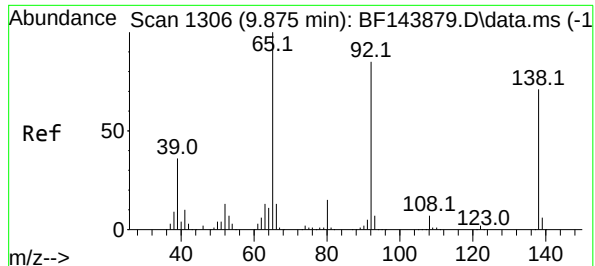
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#52  
Acenaphthene  
Concen: 10.962 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

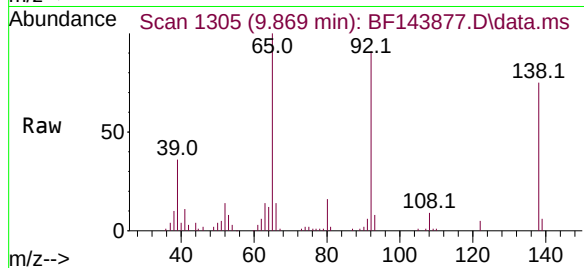
Tgt Ion:154 Resp: 158214  
Ion Ratio Lower Upper  
154 100  
153 111.5 89.3 133.9  
152 55.6 42.2 63.2





#53  
3-Nitroaniline  
Concen: 9.380 ng  
RT: 9.869 min Scan# 1305  
Delta R.T. -0.018 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

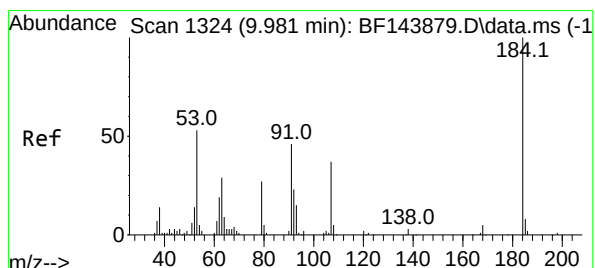
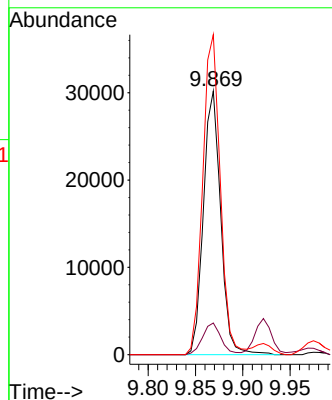
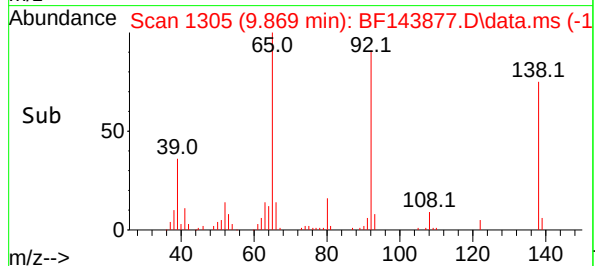
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:138 Resp: 38386  
Ion Ratio Lower Upper  
138 100  
108 12.0 8.3 12.5  
92 121.4 96.2 144.2

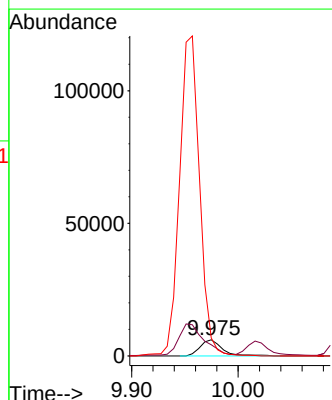
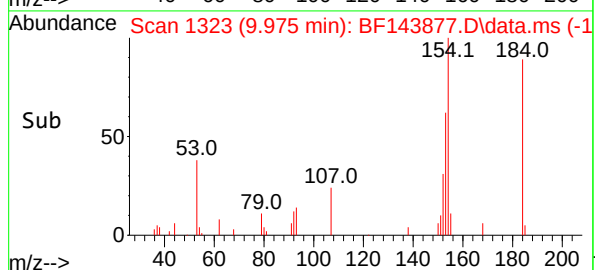
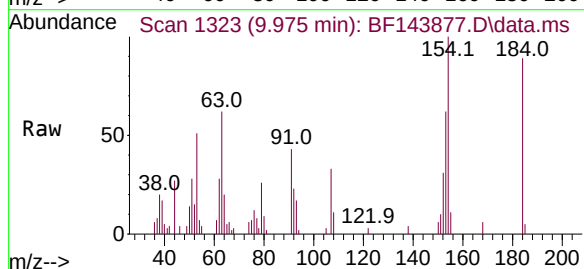
Manual Integrations  
APPROVED

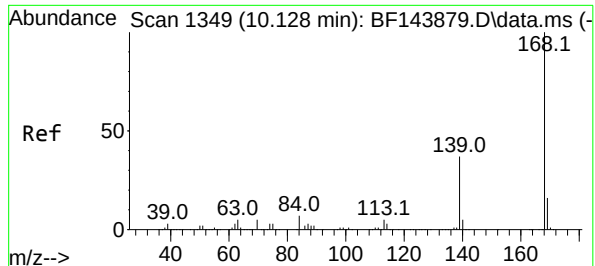
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#54  
2,4-Dinitrophenol  
Concen: 10.761 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.011 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:184 Resp: 8624  
Ion Ratio Lower Upper  
184 100  
63 69.4 48.2 72.4  
154 112.7 49.2 73.8#





#55

Dibenzofuran

Concen: 11.199 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143877.D

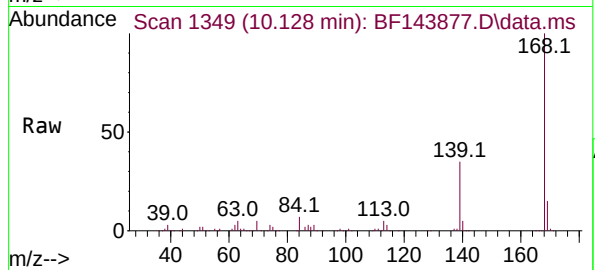
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:168 Resp: 228160

Ion Ratio Lower Upper

168 100

139 35.0 29.8 44.8

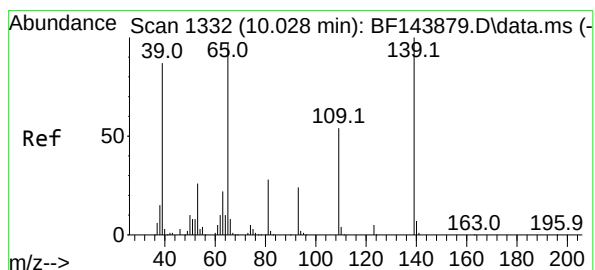
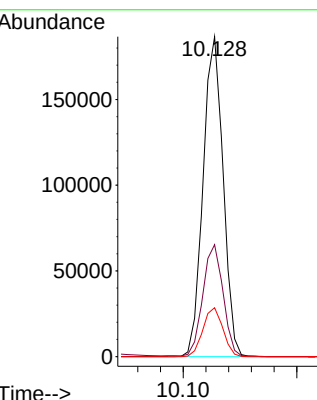
169 15.3 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

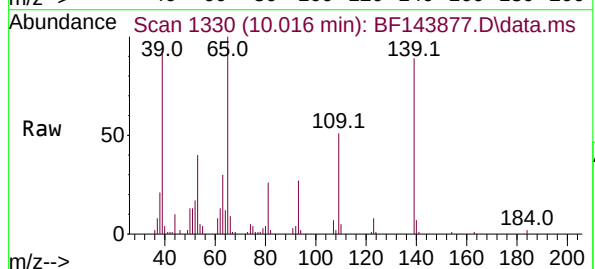
Concen: 7.934 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



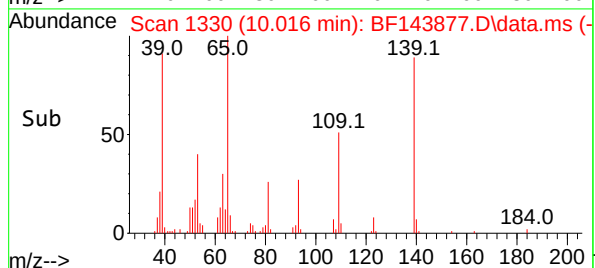
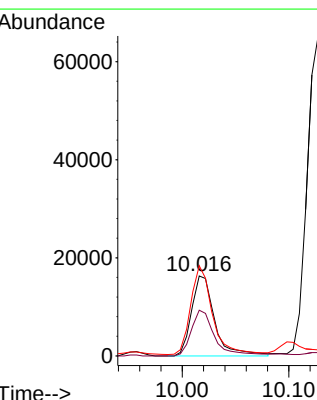
Tgt Ion:139 Resp: 24585

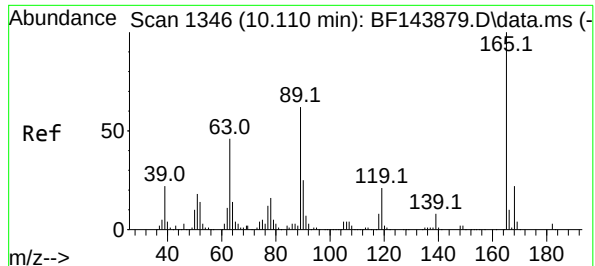
Ion Ratio Lower Upper

139 100

109 57.1 34.5 74.5

65 112.8 77.6 117.6





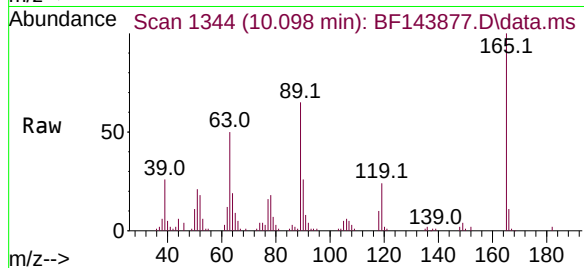
#57  
2,4-Dinitrotoluene  
Concen: 8.862 ng  
RT: 10.098 min Scan# 1346  
Delta R.T. -0.018 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

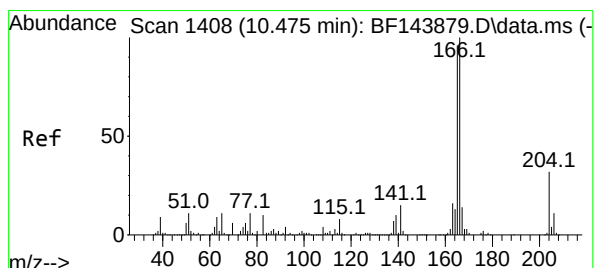
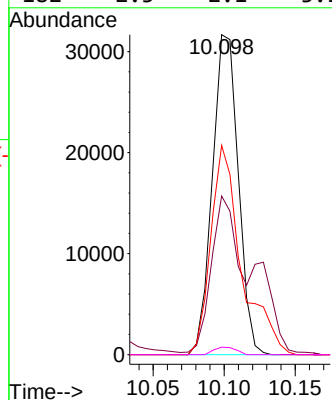
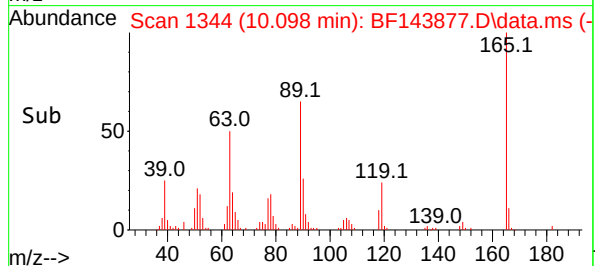


Tgt Ion:165 Resp: 40299  
Ion Ratio Lower Upper  
165 100  
63 49.6 37.2 55.8  
89 65.4 49.4 74.2  
182 2.3 2.1 3.1

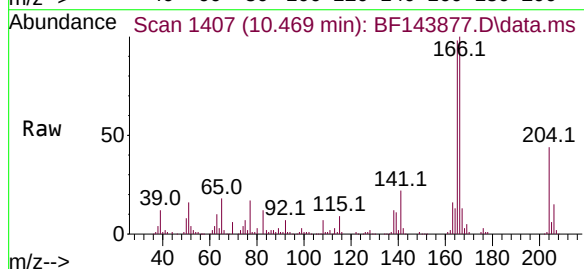
Manual Integrations

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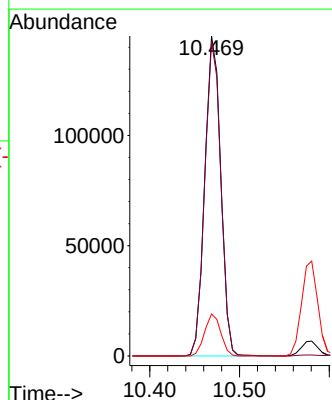
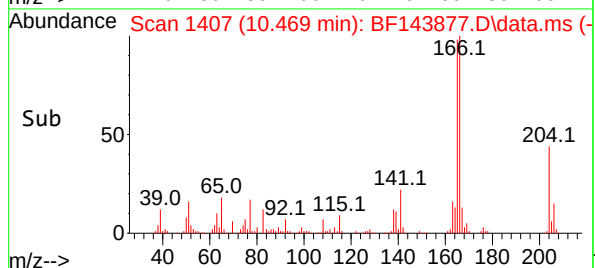
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

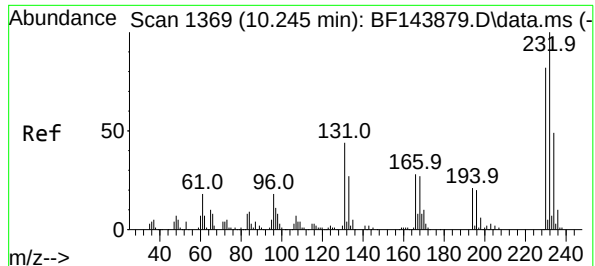


#58  
Fluorene  
Concen: 11.683 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57



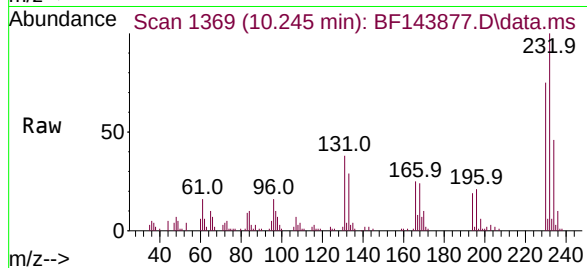
Tgt Ion:166 Resp: 179607  
Ion Ratio Lower Upper  
166 100  
165 98.2 77.0 115.6  
167 13.1 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 10.041 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

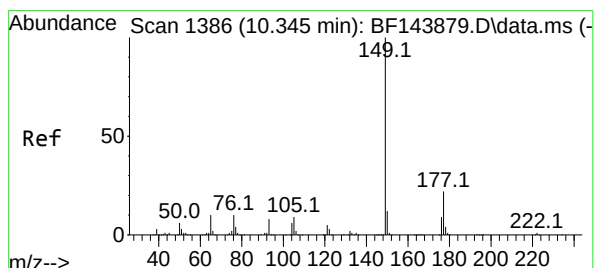
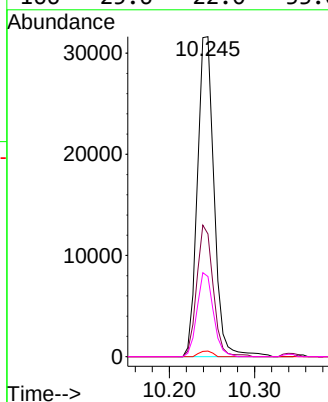
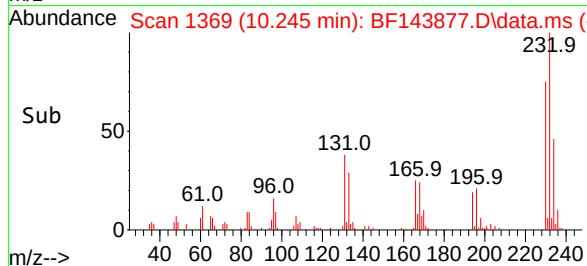
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



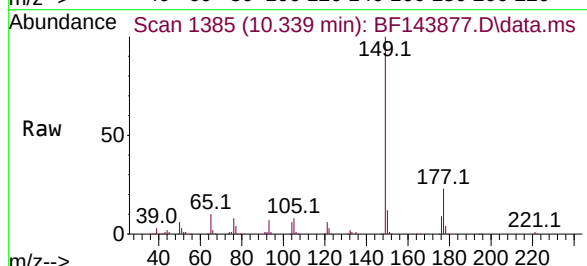
Tgt Ion:232 Resp: 43052  
Ion Ratio Lower Upper  
232 100  
131 40.3 34.9 52.3  
130 1.4 1.6 2.4  
166 25.6 22.0 33.0

Manual Integrations  
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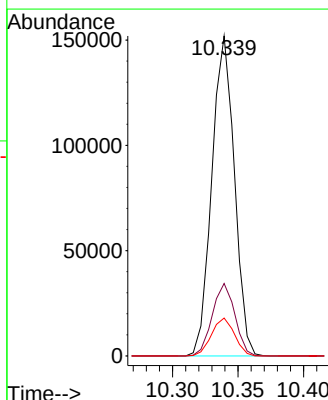
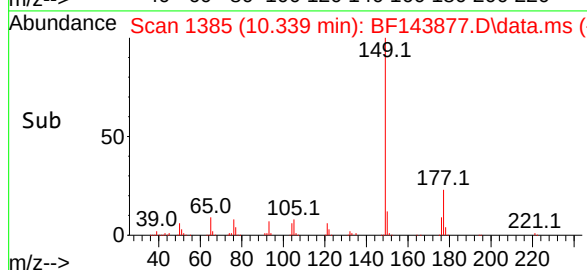
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



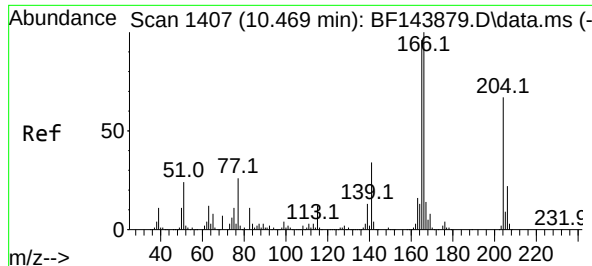
#60  
Diethylphthalate  
Concen: 10.860 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57



Tgt Ion:149 Resp: 181846  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.9 26.9  
150 11.8 9.8 14.8







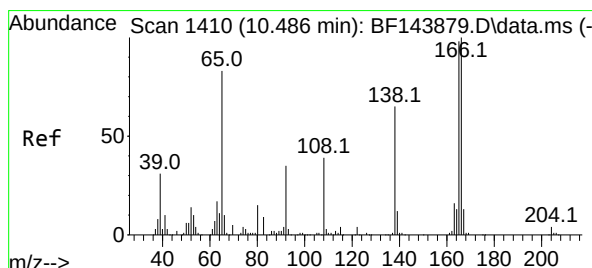
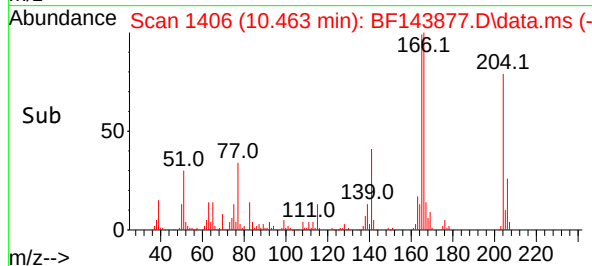
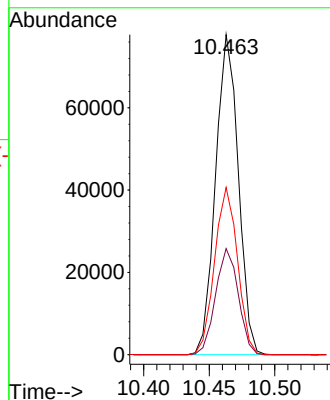
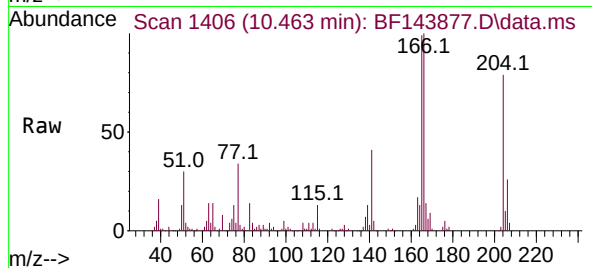
#61  
4-Chlorophenyl-phenylether  
Concen: 11.565 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

Tgt Ion:204 Resp: 94000  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.6 40.0  
141 52.2 40.4 60.6

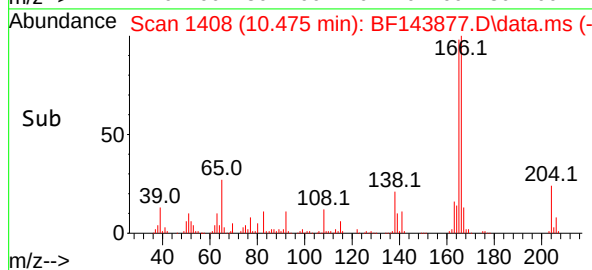
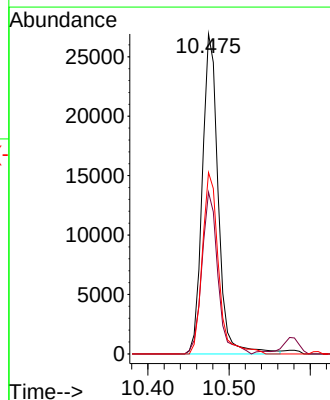
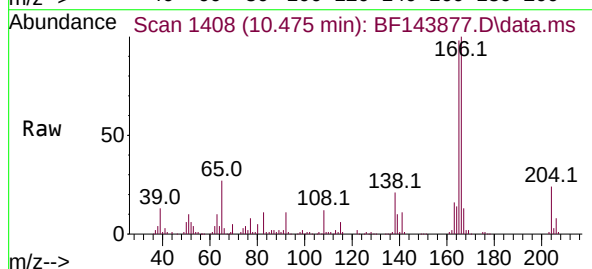
Manual Integrations  
APPROVED

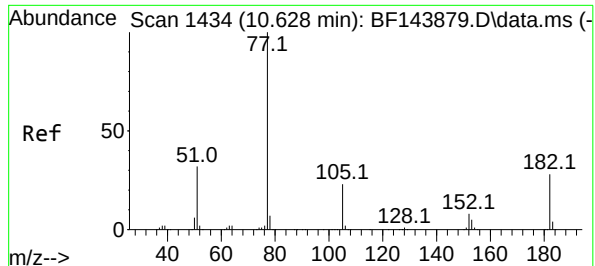
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#62  
4-Nitroaniline  
Concen: 9.322 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.035 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:138 Resp: 36684  
Ion Ratio Lower Upper  
138 100  
92 50.5 33.9 73.9  
108 56.7 40.2 80.2





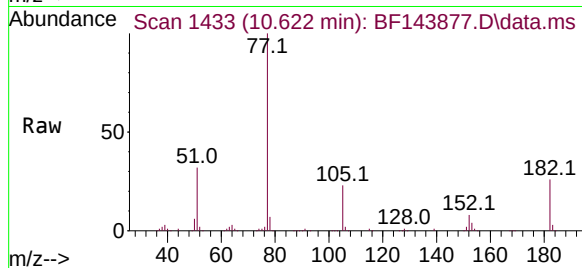
#63  
Azobenzene  
Concen: 10.794 ng  
RT: 10.622 min Scan# 1434  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

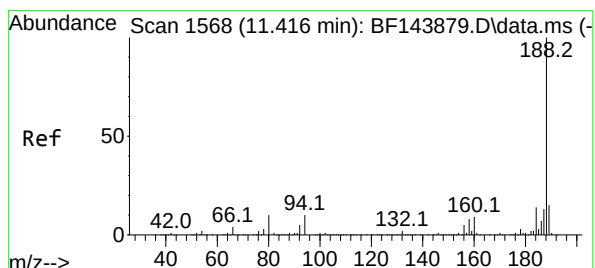
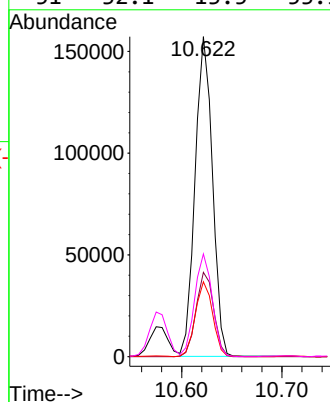
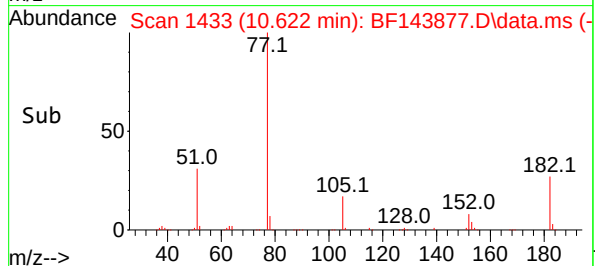


Tgt Ion: 77 Resp: 188888  
Ion Ratio Lower Upper  
77 100  
182 26.3 7.3 47.3  
105 23.4 3.0 43.0  
51 32.1 13.5 53.5

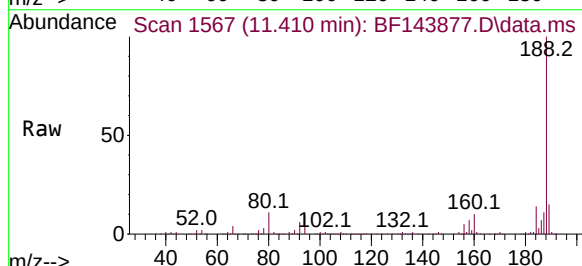
Manual Integrations

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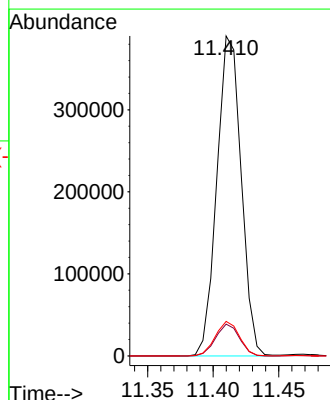
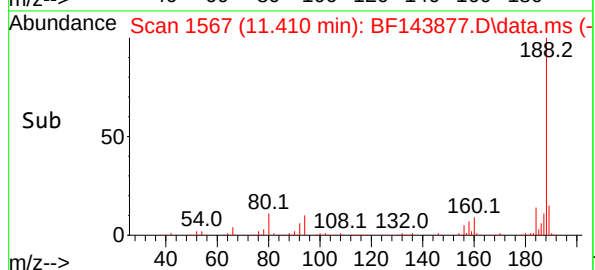
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

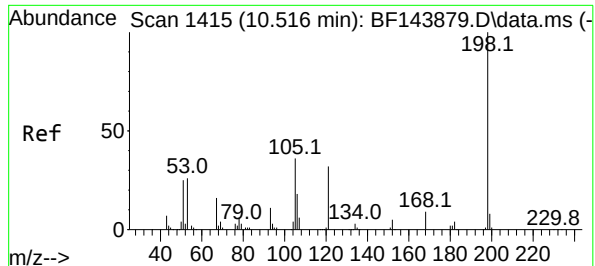


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57



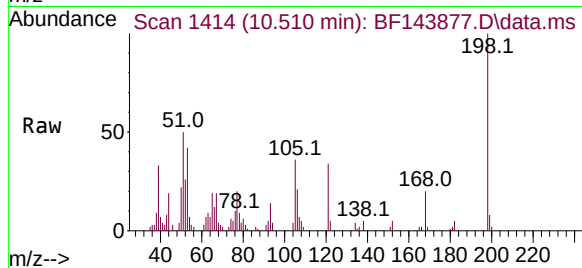
Tgt Ion:188 Resp: 504357  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.8 11.6  
80 10.8 7.9 11.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.421 ng  
RT: 10.510 min Scan# 1415  
Delta R.T. -0.023 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

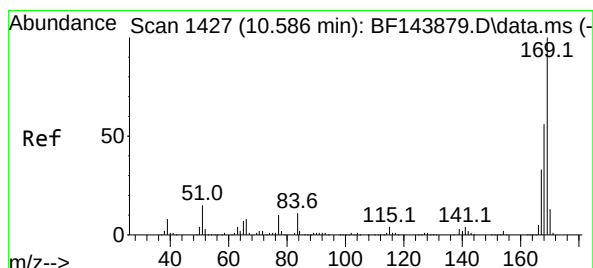
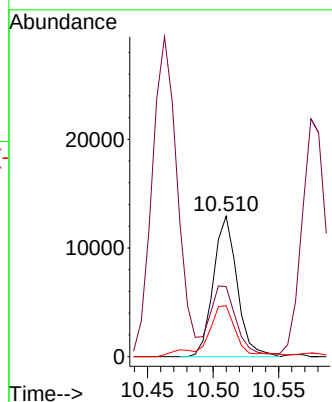
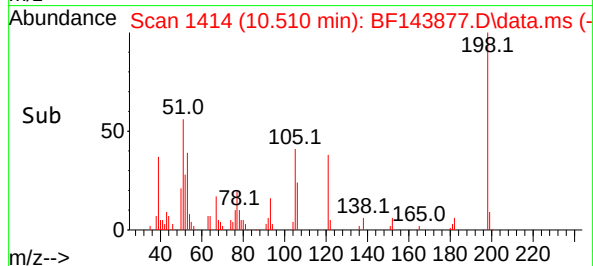
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:198 Resp: 16274  
Ion Ratio Lower Upper  
198 100  
51 49.9 33.8 73.8  
105 36.3 17.0 57.0

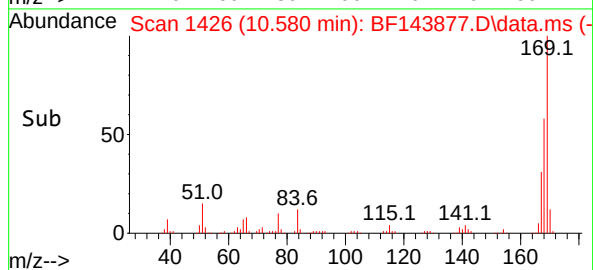
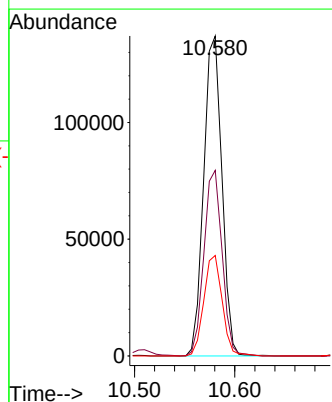
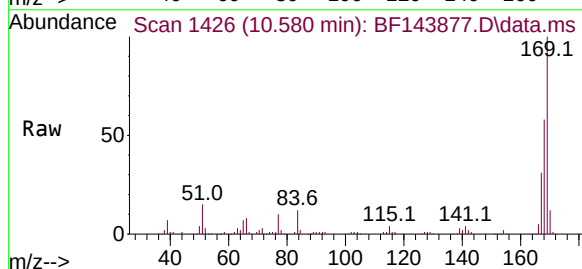
Manual Integrations  
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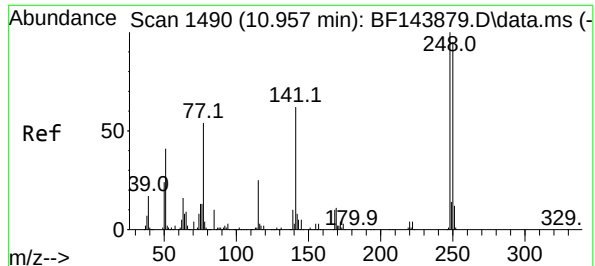
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 10.869 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

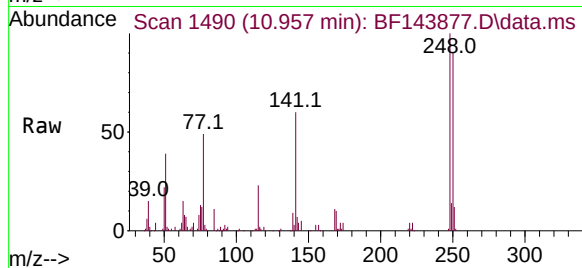
Tgt Ion:169 Resp: 172118  
Ion Ratio Lower Upper  
169 100  
168 58.0 44.9 67.3  
167 31.4 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 10.581 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

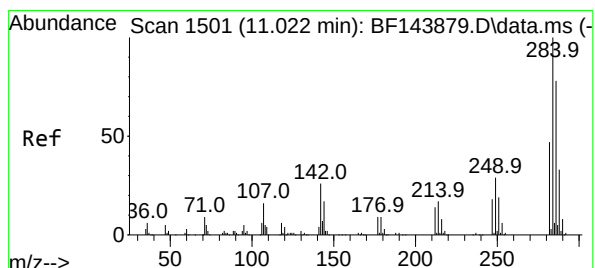
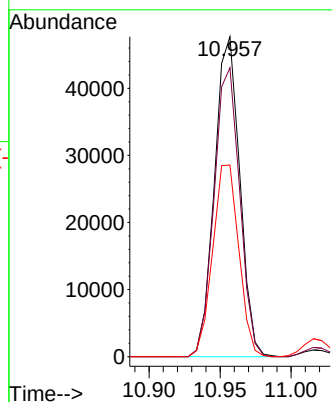
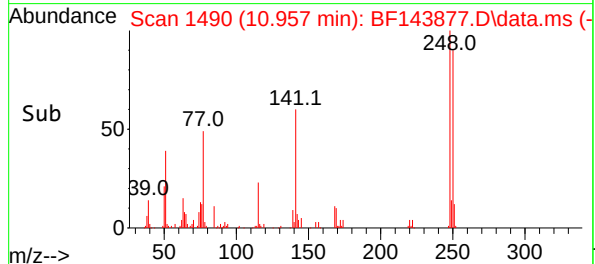
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:248 Resp: 58980  
Ion Ratio Lower Upper  
248 100  
250 90.3 76.3 114.5  
141 59.9 49.7 74.5

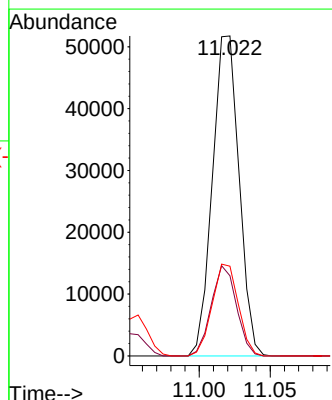
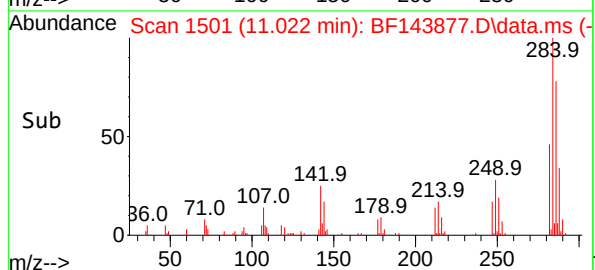
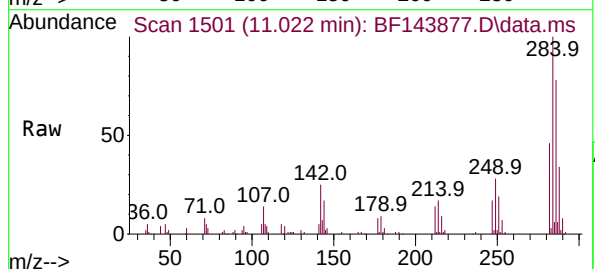
Manual Integrations  
APPROVED

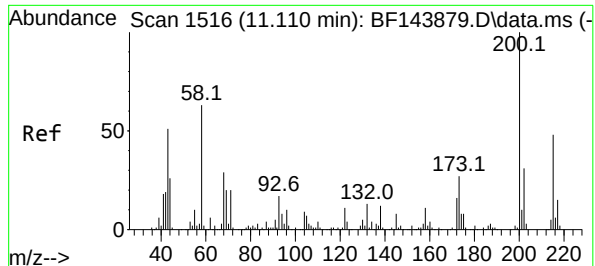
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#68  
Hexachlorobenzene  
Concen: 10.459 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:284 Resp: 67494  
Ion Ratio Lower Upper  
284 100  
142 25.0 20.6 30.8  
249 28.0 23.2 34.8





#69

Atrazine

Concen: 10.837 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 52016

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

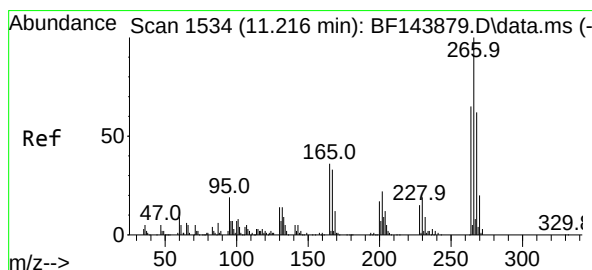
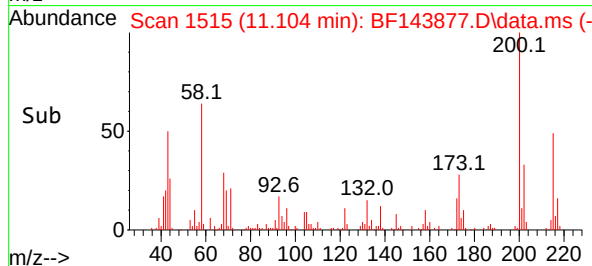
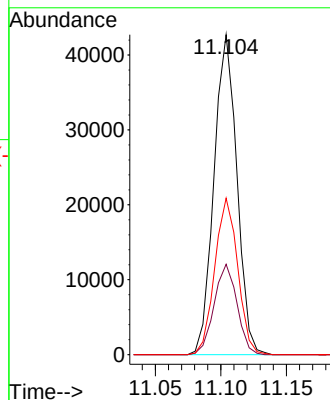
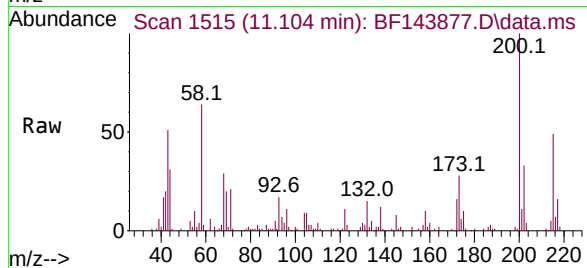
215 48.9 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 7.989 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

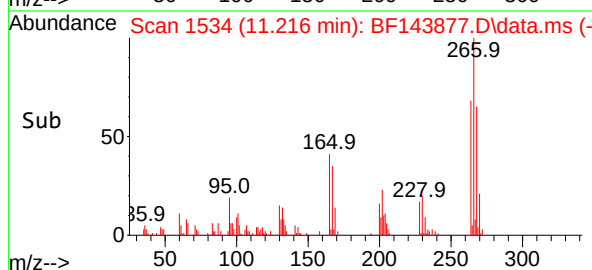
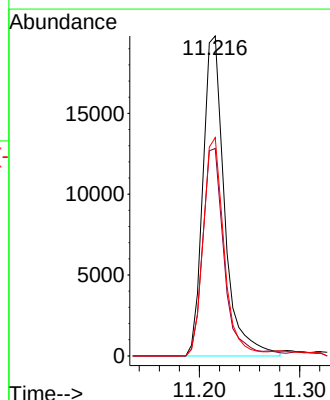
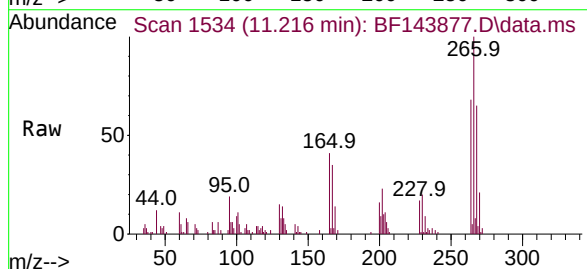
Tgt Ion:266 Resp: 29608

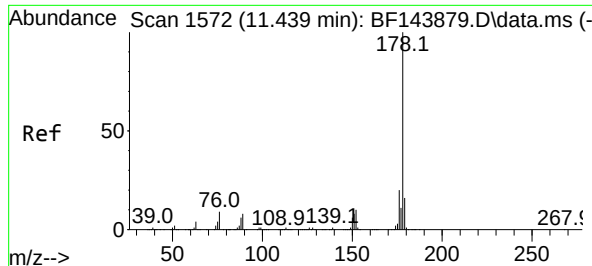
Ion Ratio Lower Upper

266 100

268 64.8 49.4 74.0

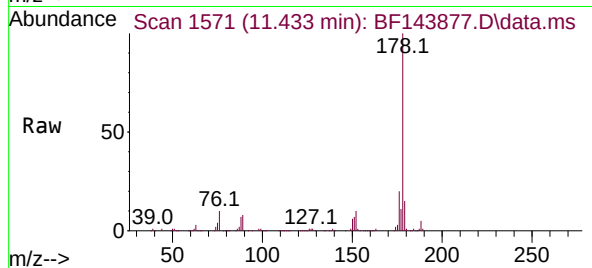
264 68.2 51.8 77.6





#71  
Phenanthrene  
Concen: 11.267 ng  
RT: 11.433 min Scan# 1143  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

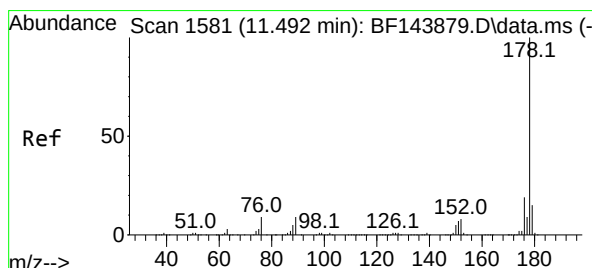
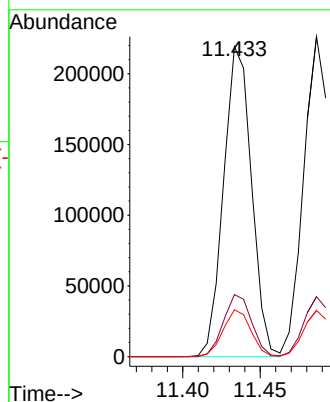
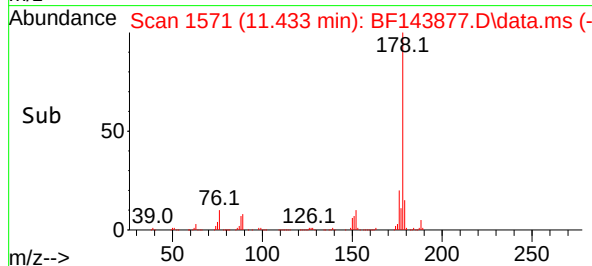
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:178 Resp: 275484  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.9 23.9  
179 15.1 12.4 18.6

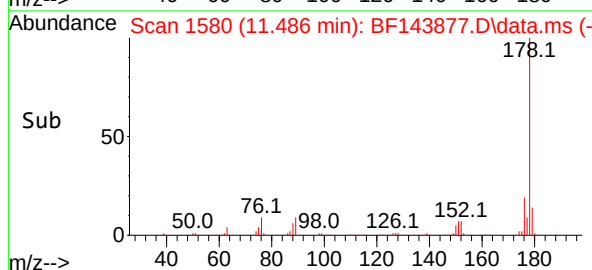
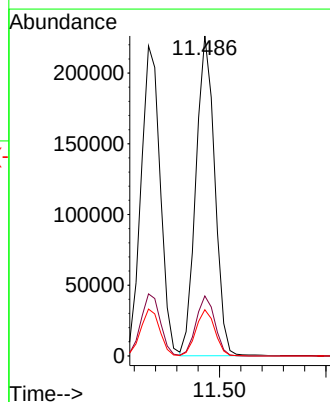
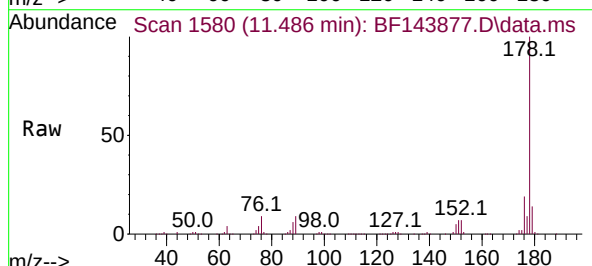
Manual Integrations  
APPROVED

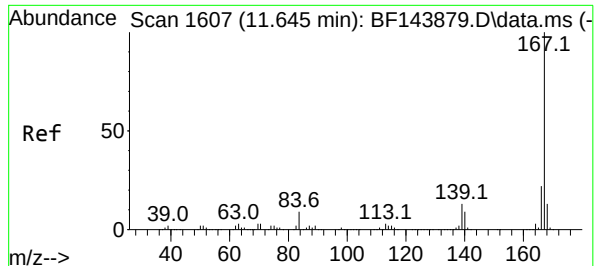
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#72  
Anthracene  
Concen: 11.201 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

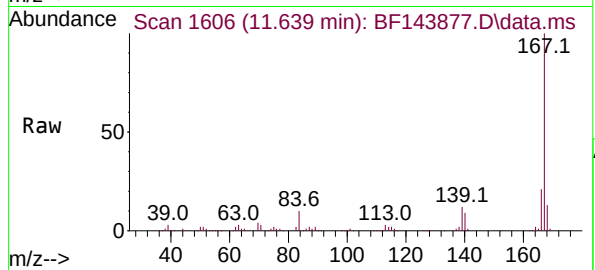
Tgt Ion:178 Resp: 276694  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.9 22.3  
179 14.4 12.2 18.2





#73  
Carbazole  
Concen: 11.086 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. -0.012 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

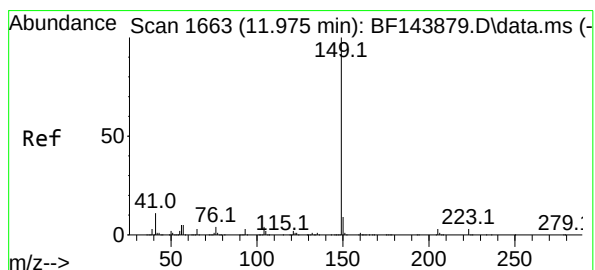
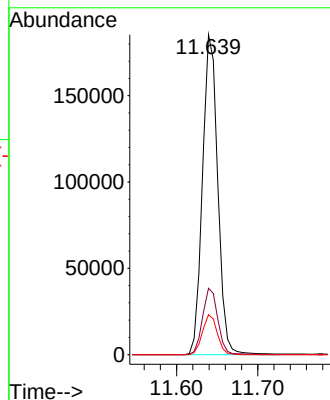
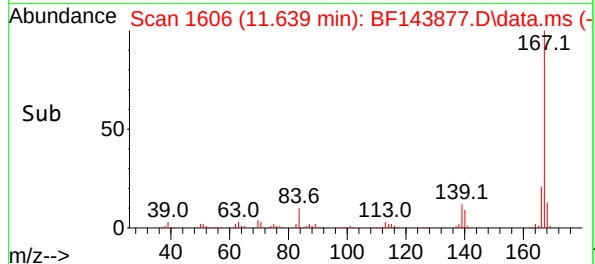
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:167 Resp: 242534  
Ion Ratio Lower Upper  
167 100  
166 20.7 17.2 25.8  
139 12.5 10.1 15.1

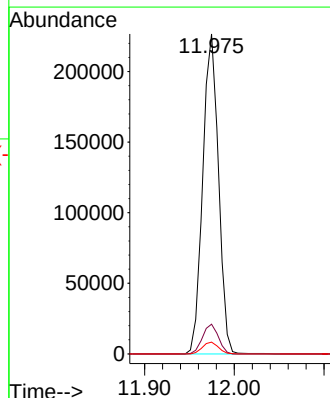
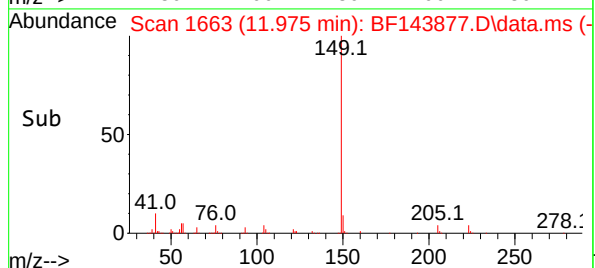
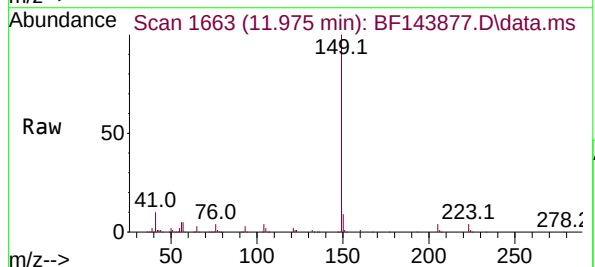
Manual Integrations  
APPROVED

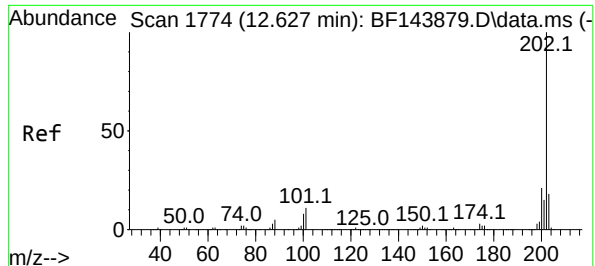
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#74  
Di-n-butylphthalate  
Concen: 10.879 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

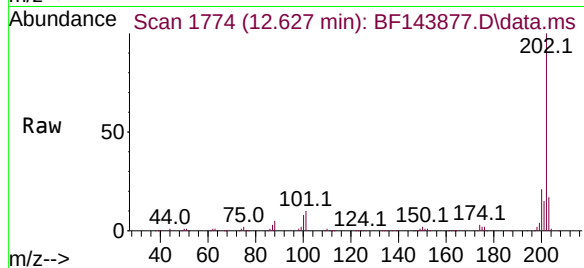
Tgt Ion:149 Resp: 275838  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 3.7 3.4 5.2





#75  
Fluoranthene  
Concen: 11.510 ng  
RT: 12.627 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

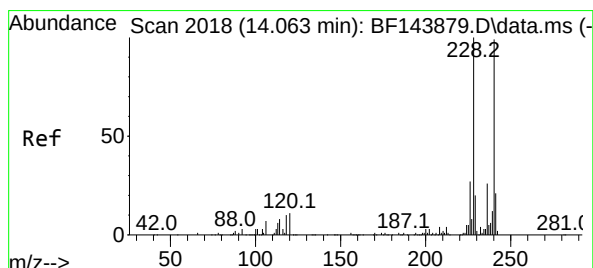
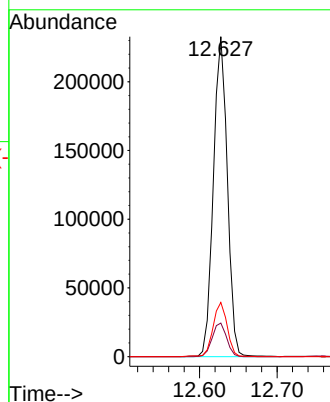
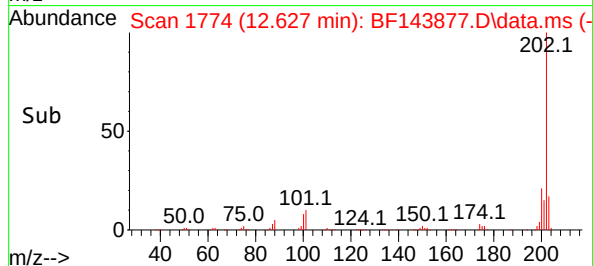
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:202 Resp: 290713  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 30.7  
203 16.9 0.0 37.8

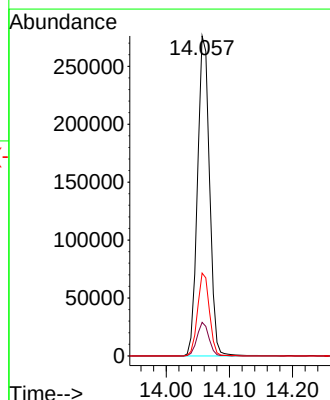
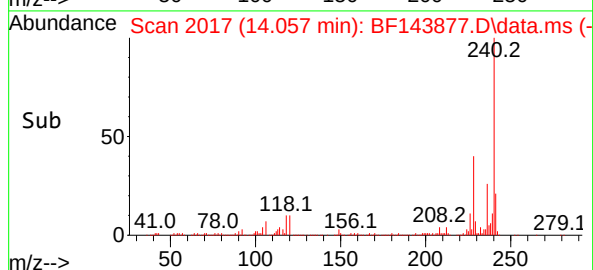
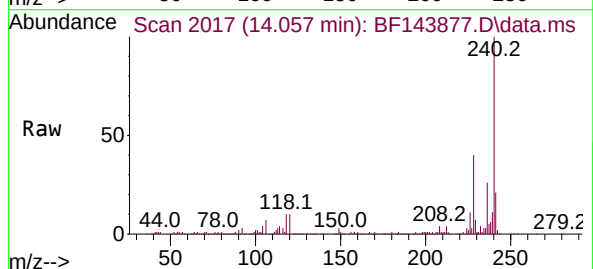
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

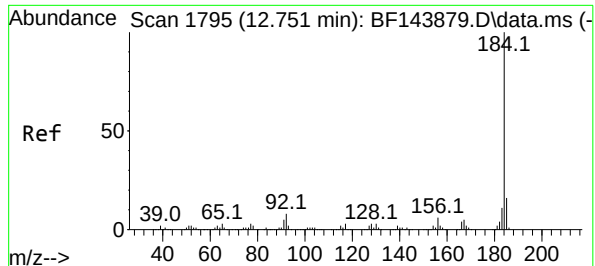


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2017  
Delta R.T. -0.011 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:240 Resp: 366499  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.6 13.0  
236 25.9 21.1 31.7







#77

Benzidine

Concen: 10.092 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143877.D

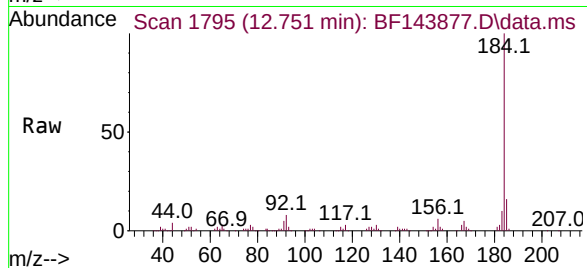
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



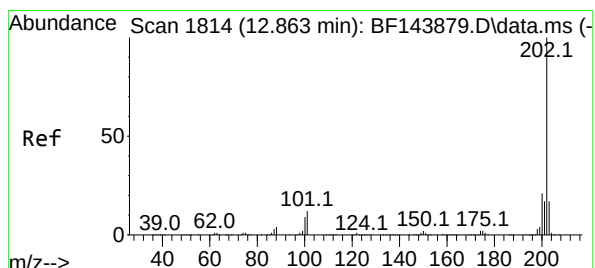
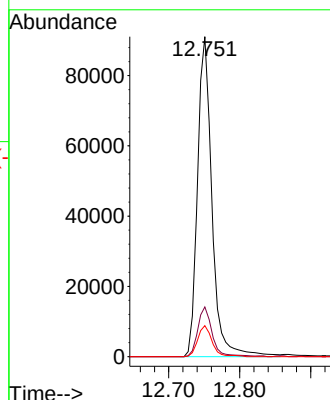
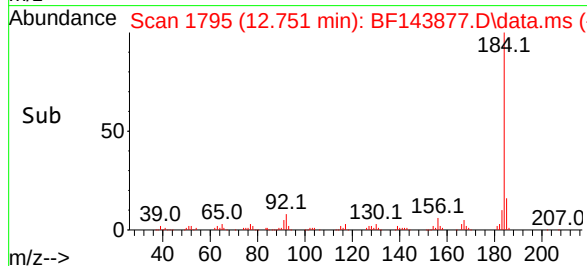
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 128424 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.5  | 12.6  | 18.8   |
| 183       | 9.7   | 8.8   | 13.2   |

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

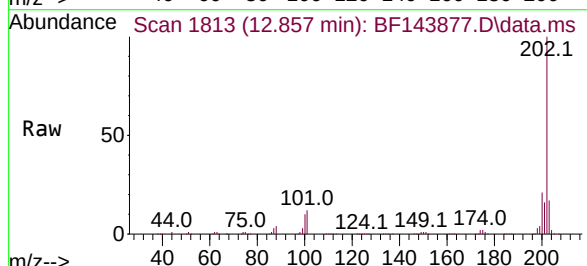
Concen: 9.975 ng

RT: 12.857 min Scan# 1813

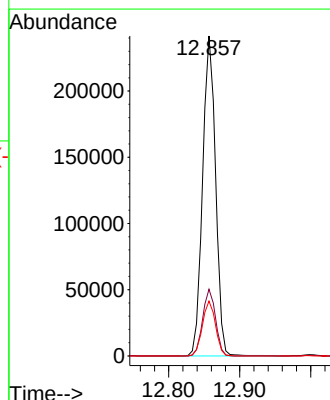
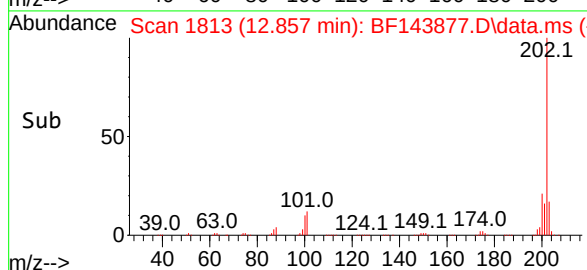
Delta R.T. -0.006 min

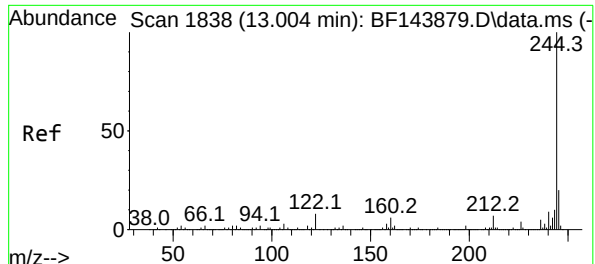
Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 304789 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.8  | 17.0  | 25.6   |
| 203       | 17.1  | 13.8  | 20.6   |





#79

Terphenyl-d14

Concen: 20.657 ng

RT: 12.998 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 442968

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

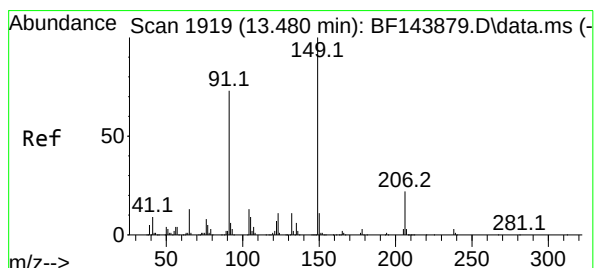
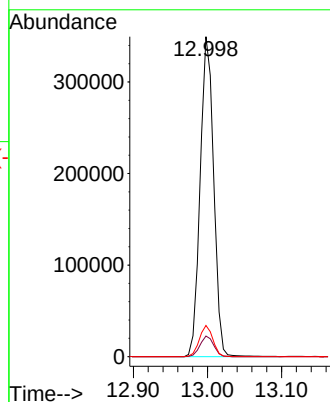
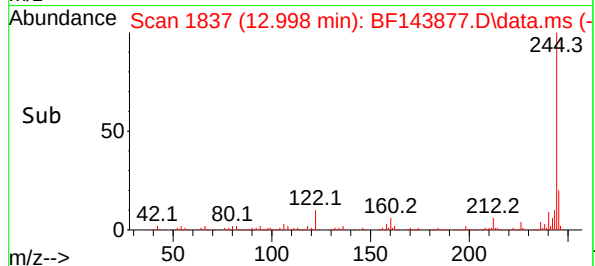
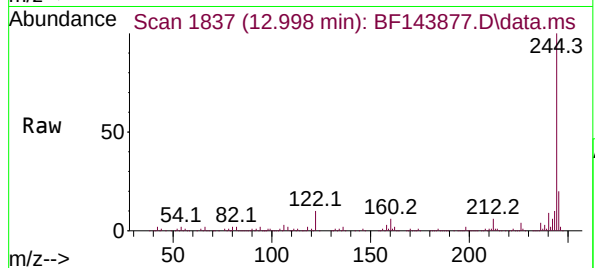
122 9.7 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 9.296 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

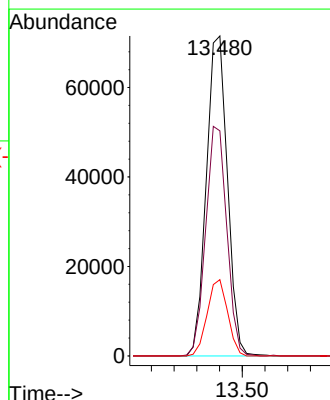
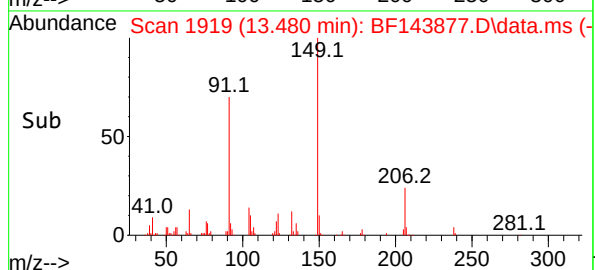
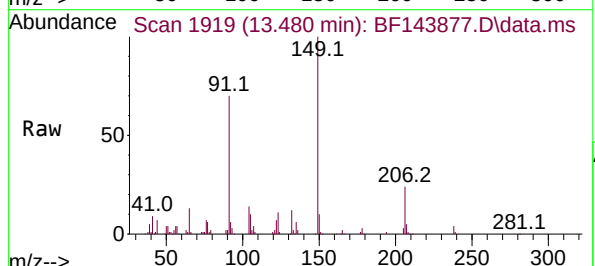
Tgt Ion:149 Resp: 92241

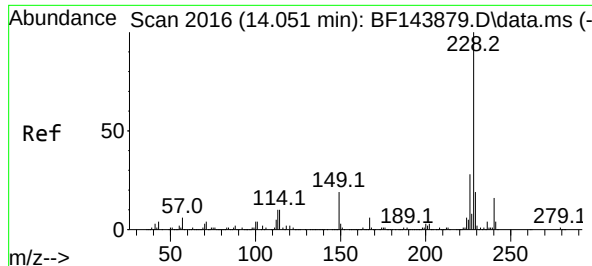
Ion Ratio Lower Upper

149 100

91 70.3 58.2 87.2

206 23.8 17.9 26.9





#81

Benzo(a)anthracene

Concen: 10.293 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

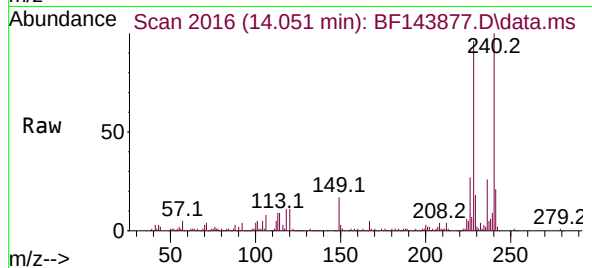
Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010



Tgt Ion:228 Resp: 24687

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

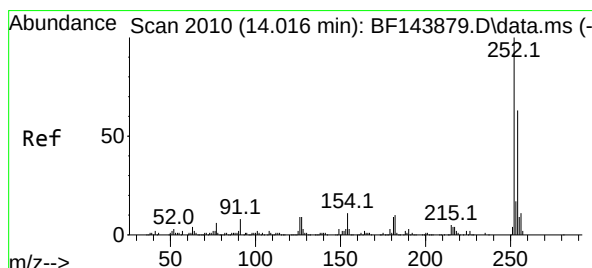
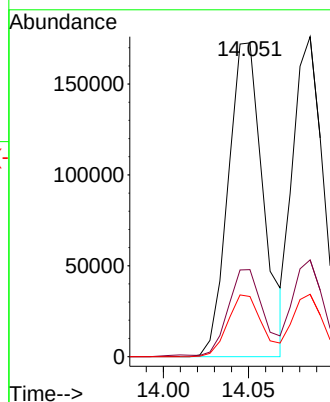
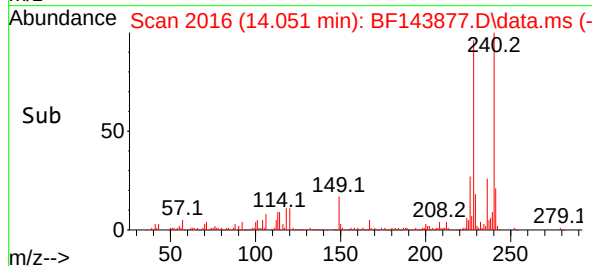
229 19.1 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

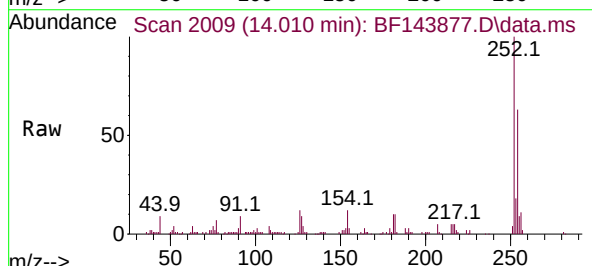
Concen: 9.129 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



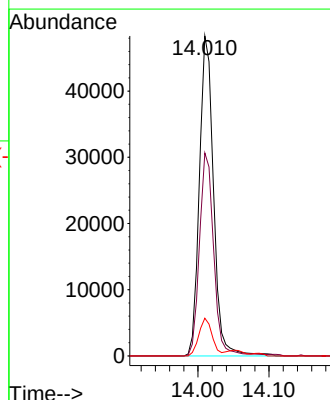
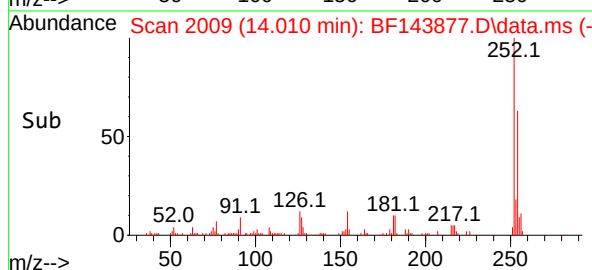
Tgt Ion:252 Resp: 66722

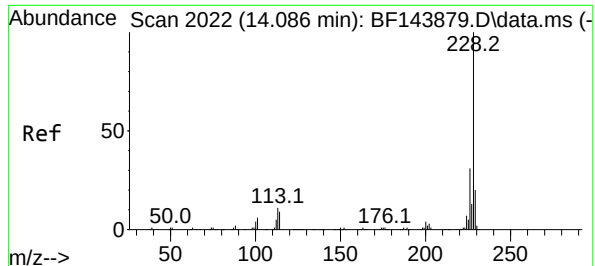
Ion Ratio Lower Upper

252 100

254 63.4 50.6 76.0

126 11.8 7.0 10.6#





#83

Chrysene

Concen: 9.809 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 21774

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

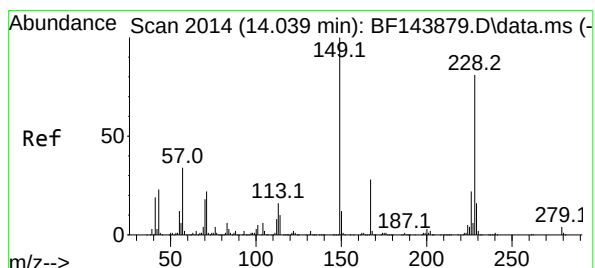
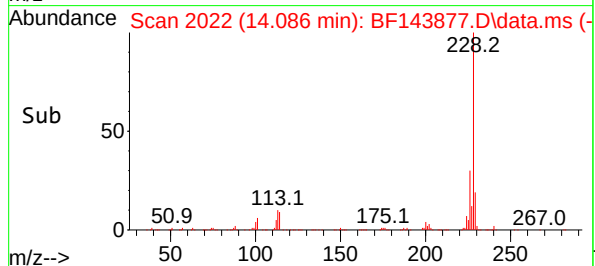
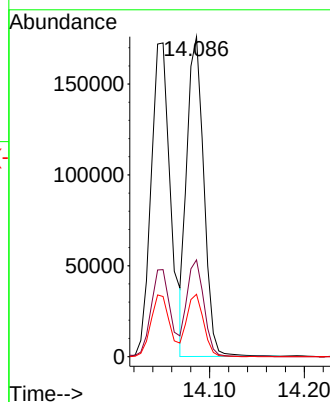
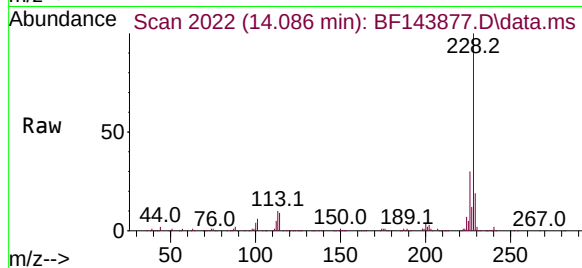
229 19.5 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.483 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

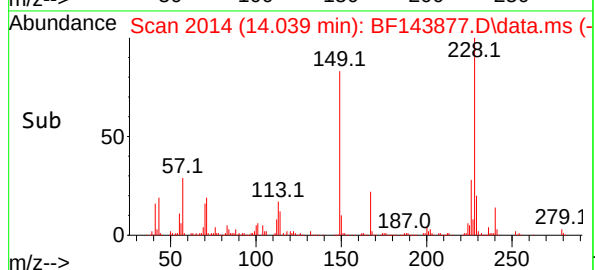
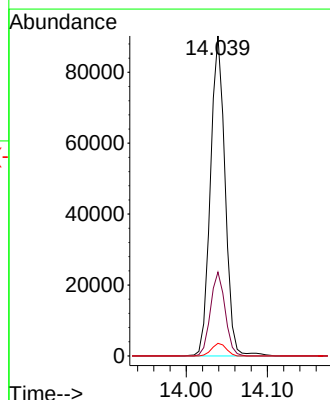
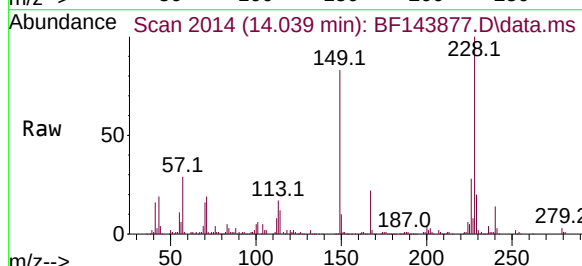
Tgt Ion:149 Resp: 113431

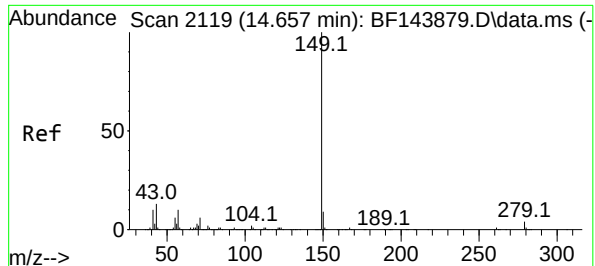
Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.4

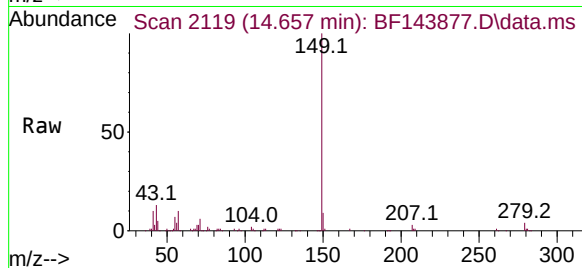
279 3.9 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 7.810 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

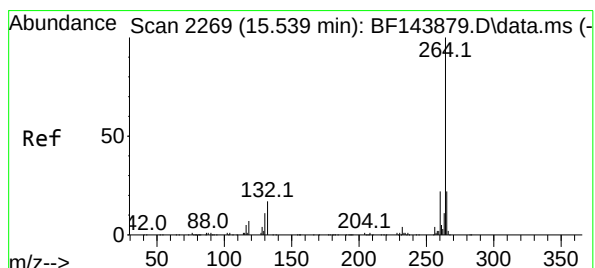
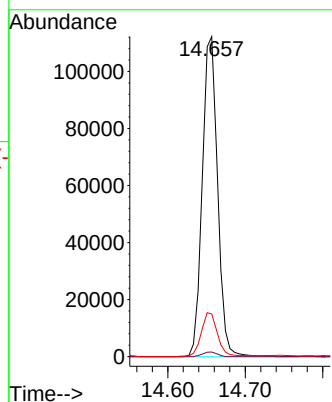
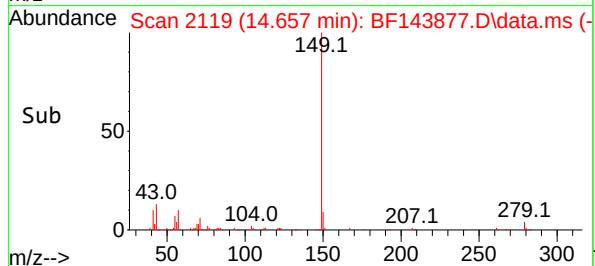
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



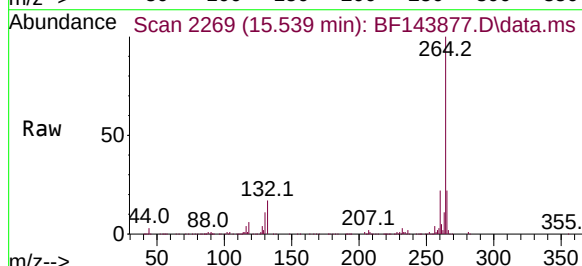
Tgt Ion:149 Resp: 153434  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 14.8 11.0 16.4

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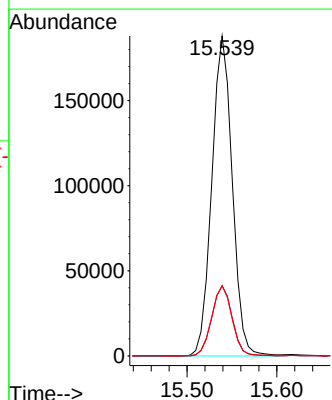
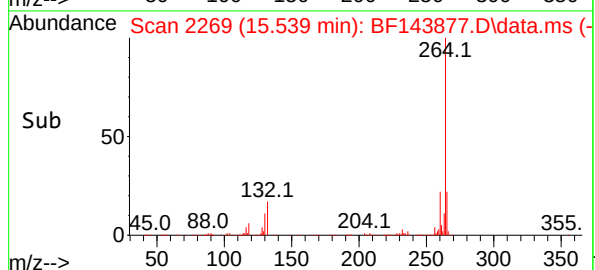
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

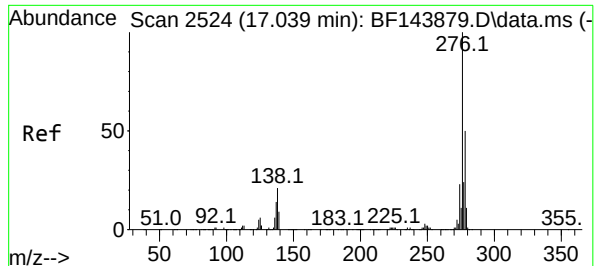


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57



Tgt Ion:264 Resp: 297391  
Ion Ratio Lower Upper  
264 100  
260 22.0 17.8 26.8  
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.011 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:276 Resp: 164200

Ion Ratio Lower Upper

276 100

138 26.2 18.2 27.2

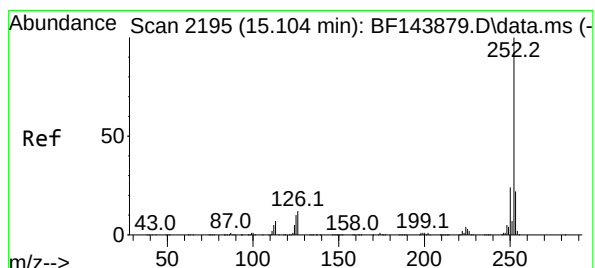
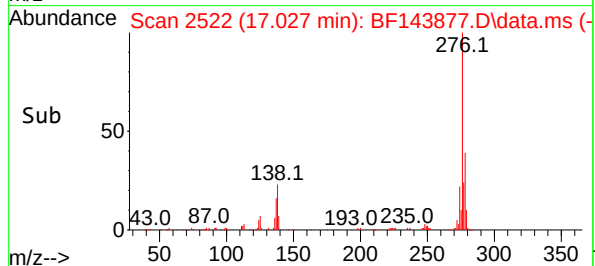
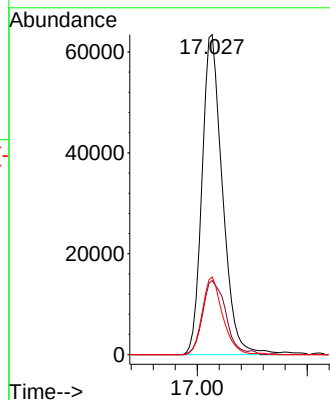
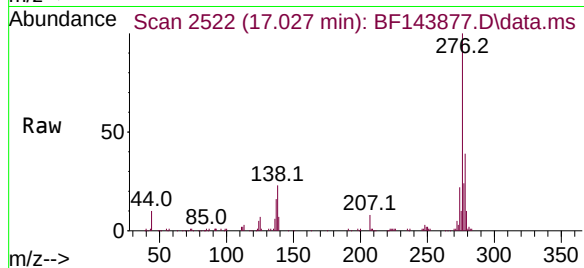
277 24.1 19.8 29.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 9.901 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

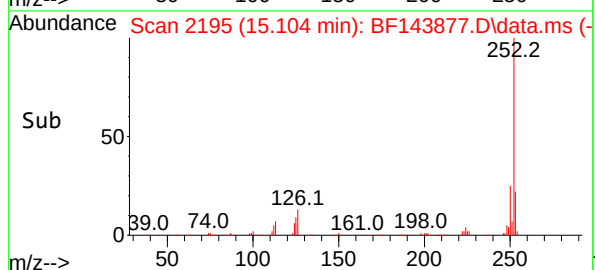
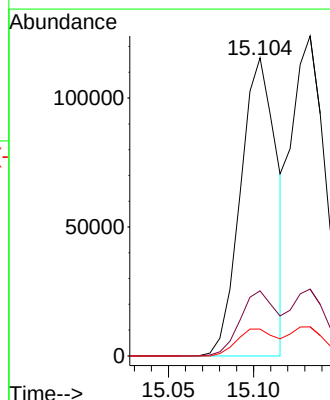
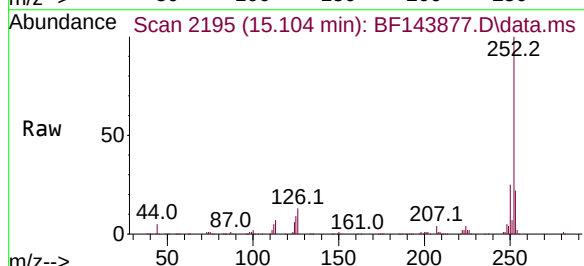
Tgt Ion:252 Resp: 169146

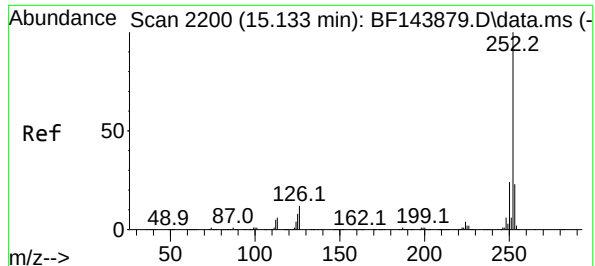
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 11.032 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA\_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 174390

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

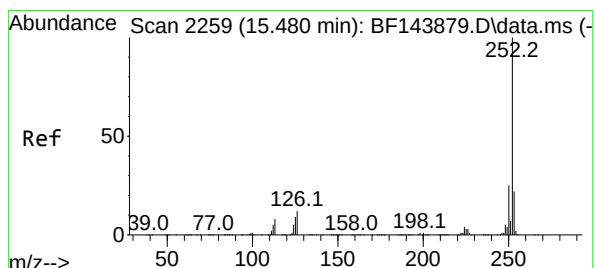
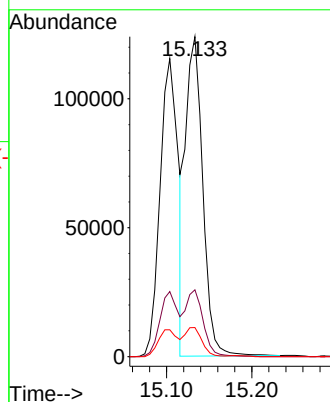
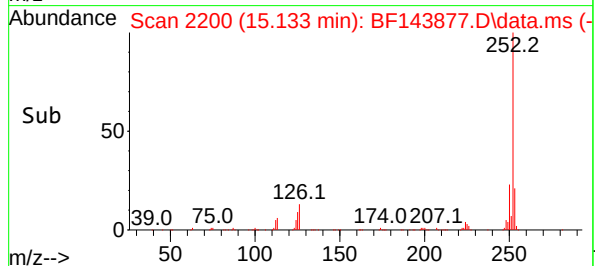
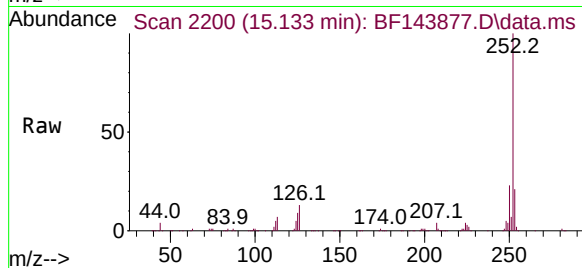
125 9.1 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 10.096 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

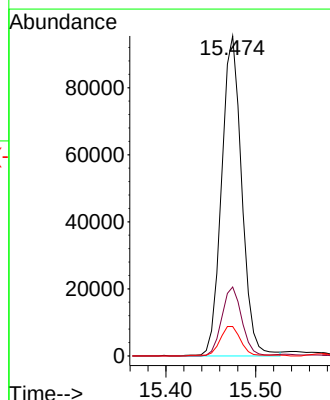
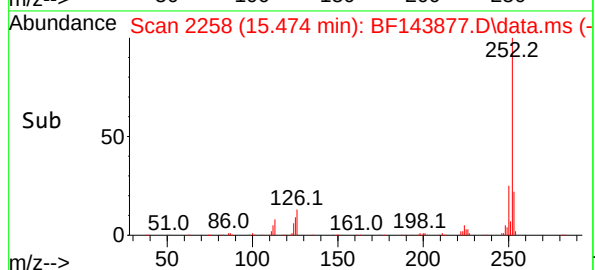
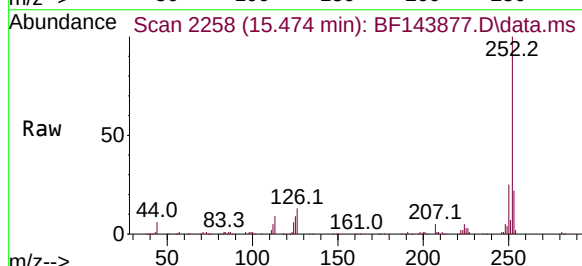
Tgt Ion:252 Resp: 149543

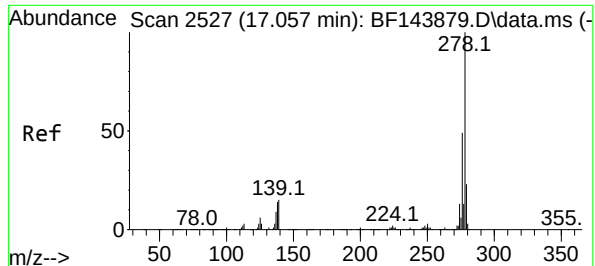
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

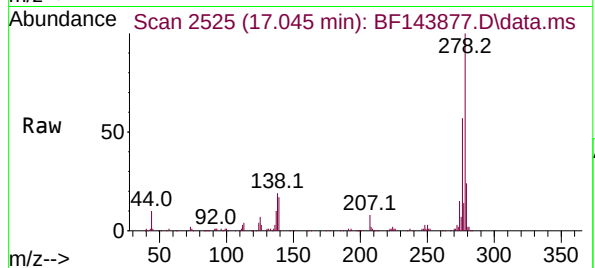
125 9.2 7.0 10.4





#91  
Dibenzo(a,h)anthracene  
Concen: 9.279 ng  
RT: 17.045 min Scan# 2527  
Delta R.T. -0.035 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

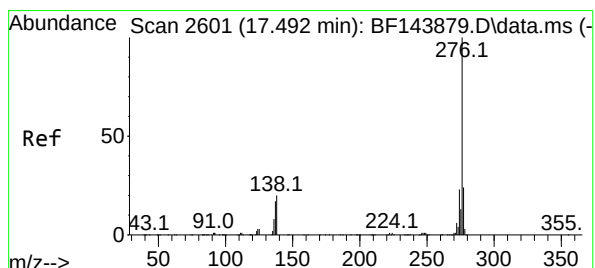
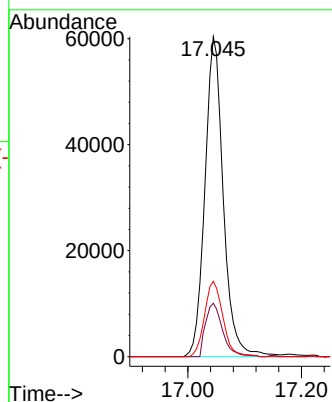
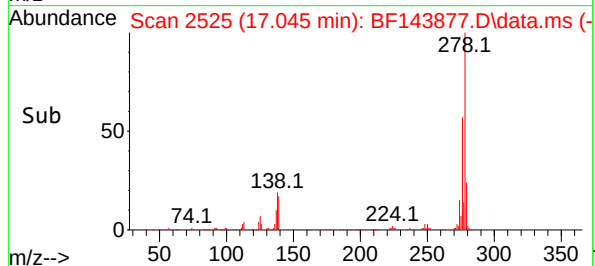
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010



Tgt Ion:278 Resp: 135992  
Ion Ratio Lower Upper  
278 100  
139 16.7 11.7 17.5  
279 23.5 18.4 27.6

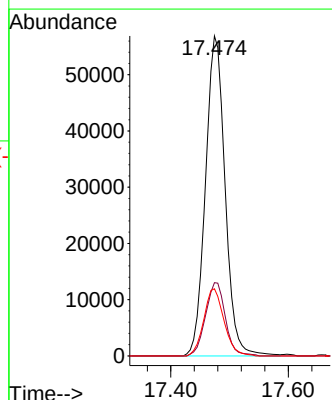
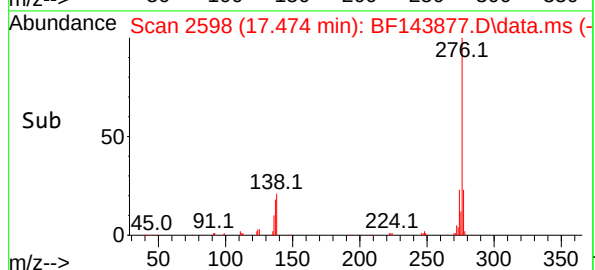
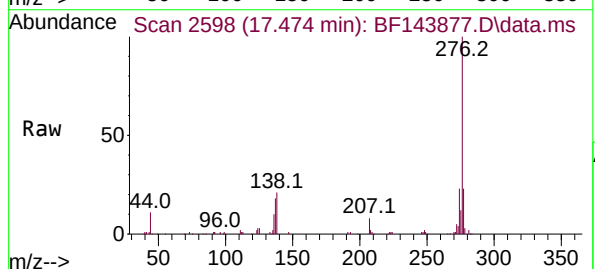
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 9.012 ng  
RT: 17.474 min Scan# 2598  
Delta R.T. -0.041 min  
Lab File: BF143877.D  
Acq: 06 Oct 2025 10:57

Tgt Ion:276 Resp: 132076  
Ion Ratio Lower Upper  
276 100  
277 22.9 19.0 28.6  
138 21.0 16.1 24.1





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143878.D  
 Acq On : 06 Oct 2025 11:56  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 144072   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 561772   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 311297   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 536961   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 346764   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 314616   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 389641   | 42.947 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 461437   | 42.670 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 389584   | 42.133 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 130577   | 42.114 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 831185   | 42.367 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 881486   | 43.445 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 86079    | 20.503 | ng    | 97       |
| 3) Pyridine                   | 3.410  | 79   | 251988   | 20.618 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.346  | 42   | 128915   | 20.051 | ng    | 96       |
| 6) Aniline                    | 6.540  | 93   | 340202   | 20.994 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 183611   | 20.704 | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 147781   | 17.715 | ng    | 99       |
| 10) Phenol                    | 6.510  | 94   | 272100m  | 21.046 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 211296   | 21.157 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 228938   | 21.566 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 225703   | 21.554 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 216196   | 21.555 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 164008   | 20.241 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 471598   | 20.745 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 151099   | 20.616 | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 74147    | 21.232 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 151838   | 20.512 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 193273   | 22.753 | ng    | # 86     |
| 22) Acetophenone              | 7.287  | 105  | 259382   | 21.837 | ng    | 100      |
| 24) Nitrobenzene              | 7.463  | 77   | 218497   | 21.279 | ng    | 100      |
| 25) Isophorone                | 7.698  | 82   | 397606   | 20.393 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 91336    | 20.747 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 163783   | 20.682 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 260252   | 21.131 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 175934   | 21.328 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 172265   | 21.234 | ng    | 98       |
| 31) Naphthalene               | 8.186  | 128  | 545971   | 21.365 | ng    | 99       |
| 32) Benzoic acid              | 7.892  | 122  | 98172m   | 17.912 | ng    |          |
| 33) 4-Chloroaniline           | 8.233  | 127  | 200545   | 20.924 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 118056   | 20.941 | ng    | 98       |
| 35) Caprolactam               | 8.586  | 113  | 51159    | 19.505 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.704  | 107  | 162629   | 20.524 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 367401   | 21.583 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 353459   | 21.407 | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 185181   | 21.523 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 67128    | 18.807 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 132747   | 21.116 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143878.D  
 Acq On : 06 Oct 2025 11:56  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 143043   | 21.532 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 450706   | 21.868 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 372531   | 21.679 | ng    | 96       |
| 48) 2-Nitroaniline            | 9.457  | 65   | 115519   | 21.263 | ng    | 98       |
| 49) Acenaphthylene            | 9.780  | 152  | 512980   | 21.234 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 415359   | 21.011 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.698  | 165  | 76360    | 20.831 | ng    | 96       |
| 52) Acenaphthene              | 9.957  | 154  | 341066   | 21.545 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.869  | 138  | 95127    | 21.194 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 29199    | 18.734 | ng    | # 67     |
| 55) Dibenzofuran              | 10.128 | 168  | 489250   | 21.894 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 66930    | 19.694 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 106136   | 21.280 | ng    | 99       |
| 58) Fluorene                  | 10.469 | 166  | 365206   | 21.659 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 98138    | 20.869 | ng    | 99       |
| 60) Diethylphthalate          | 10.339 | 149  | 396233   | 21.575 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 194875   | 21.860 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.480 | 138  | 88594    | 20.526 | ng    | 98       |
| 63) Azobenzene                | 10.622 | 77   | 407261   | 21.218 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 49405    | 18.309 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 362217   | 21.484 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 123882   | 20.876 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 141316   | 20.570 | ng    | 99       |
| 69) Atrazine                  | 11.104 | 200  | 114492   | 22.405 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 81624    | 20.687 | ng    | 95       |
| 71) Phenanthrene              | 11.439 | 178  | 572157   | 21.979 | ng    | 98       |
| 72) Anthracene                | 11.486 | 178  | 567724   | 21.588 | ng    | 100      |
| 73) Carbazole                 | 11.639 | 167  | 504282   | 21.651 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 595140   | 22.047 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 587348   | 21.843 | ng    | 98       |
| 77) Benzidine                 | 12.751 | 184  | 249358   | 20.710 | ng    | 97       |
| 78) Pyrene                    | 12.857 | 202  | 613300   | 21.215 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 200832   | 21.391 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 469566   | 20.693 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.010 | 252  | 139822   | 20.219 | ng    | # 96     |
| 83) Chrysene                  | 14.086 | 228  | 439378   | 20.920 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 238132   | 21.041 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 349721   | 18.814 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.027 | 276  | 384441   | 19.942 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 355882   | 19.692 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 386399   | 23.106 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 326291   | 20.822 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 319216   | 20.589 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.480 | 276  | 309120   | 19.937 | ng    | 98       |

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

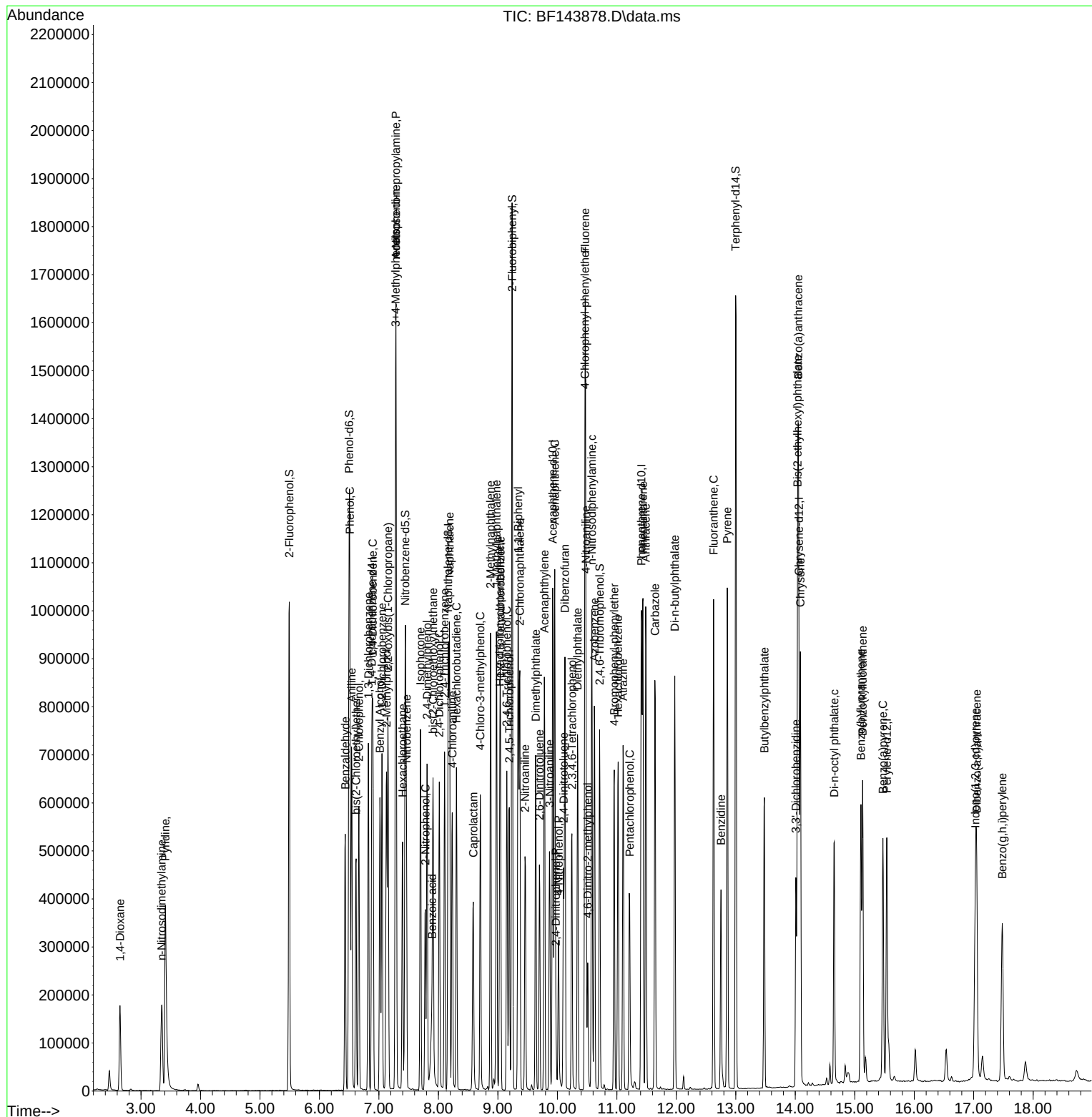
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Data File : BF143878.D  
Acq On    : 06 Oct 2025  11:56  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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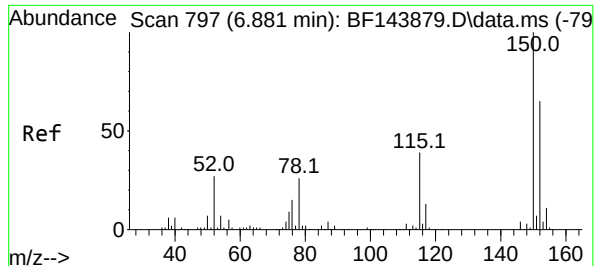
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC020

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

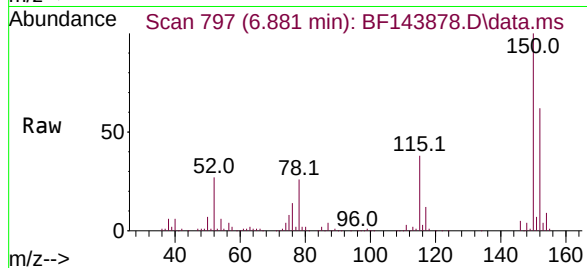
Quant Time: Oct 06 15:38:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

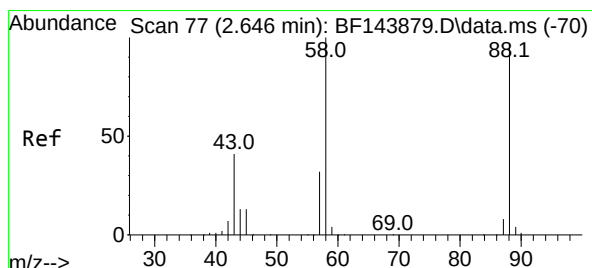
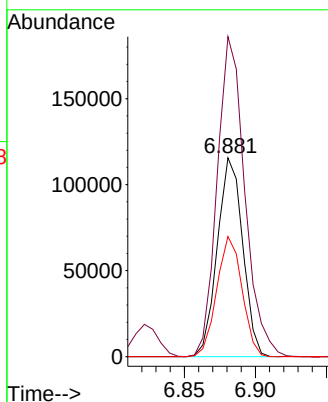
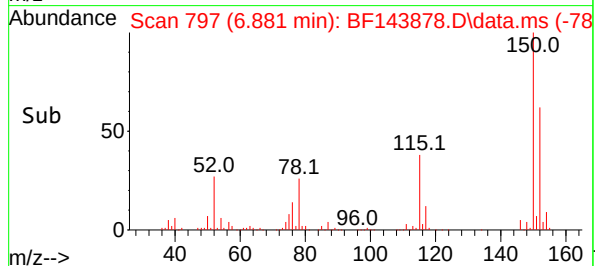
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:152 Resp: 144072  
Ion Ratio Lower Upper  
152 100  
150 160.9 124.4 186.6  
115 60.4 48.1 72.1

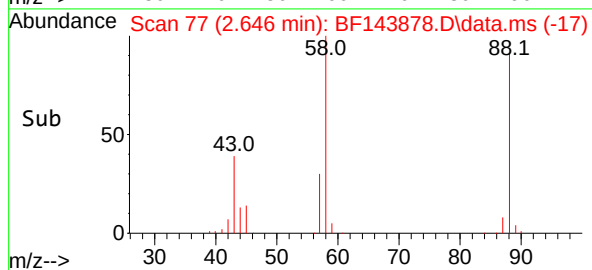
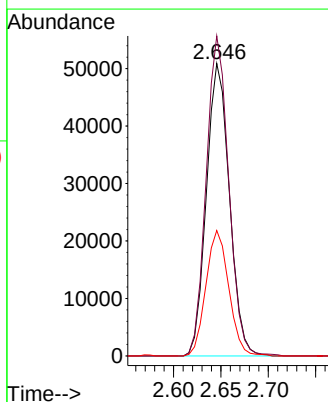
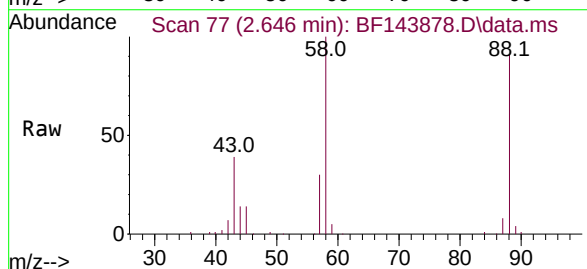
Manual Integrations  
APPROVED

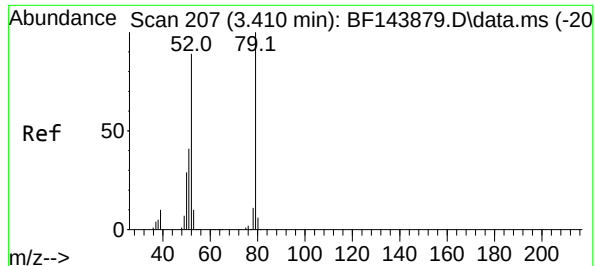
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#2  
1,4-Dioxane  
Concen: 20.503 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion: 88 Resp: 86079  
Ion Ratio Lower Upper  
88 100  
58 107.3 83.0 124.6  
43 42.6 33.9 50.9





#3

Pyridine

Concen: 20.618 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143878.D

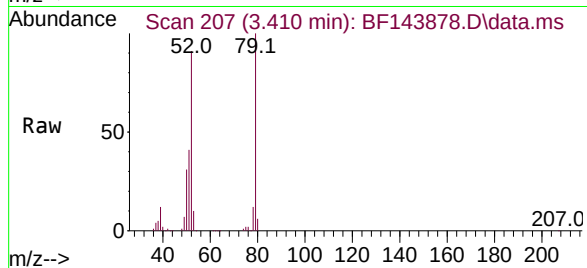
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion: 79 Resp: 251988

Ion Ratio Lower Upper

79 100

52 90.7 71.5 107.3

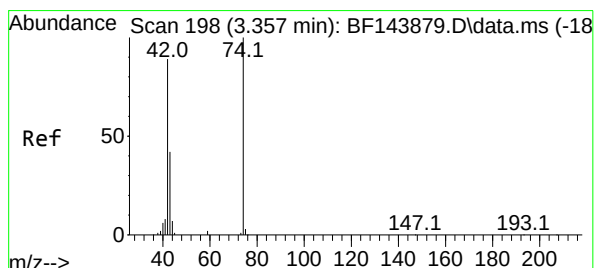
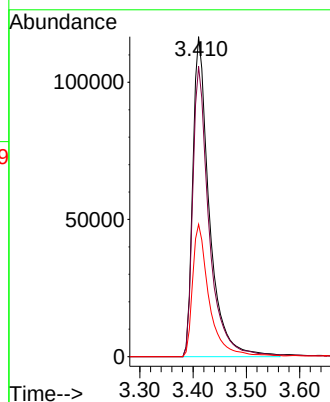
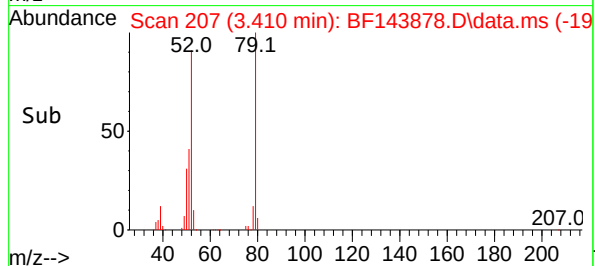
51 41.3 32.9 49.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 20.051 ng

RT: 3.346 min Scan# 196

Delta R.T. -0.041 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

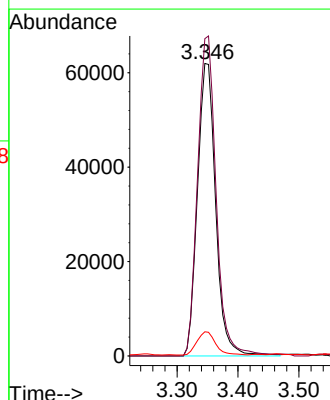
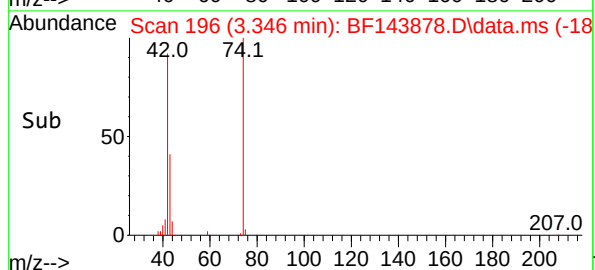
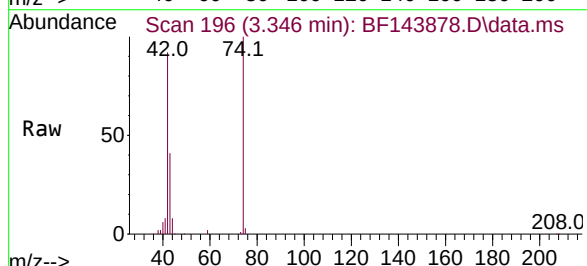
Tgt Ion: 42 Resp: 128915

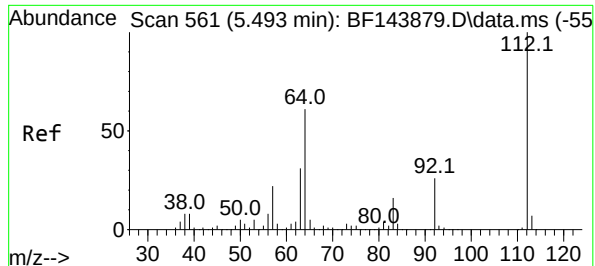
Ion Ratio Lower Upper

42 100

74 108.5 90.0 135.0

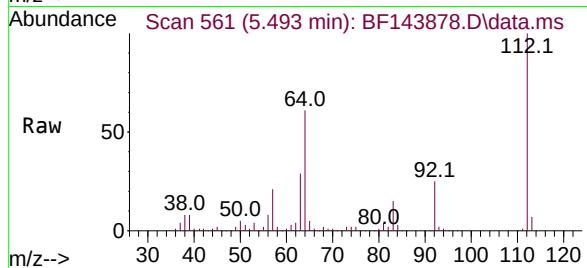
44 8.2 6.2 9.2





#5  
2-Fluorophenol  
Concen: 42.947 ng  
RT: 5.493 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

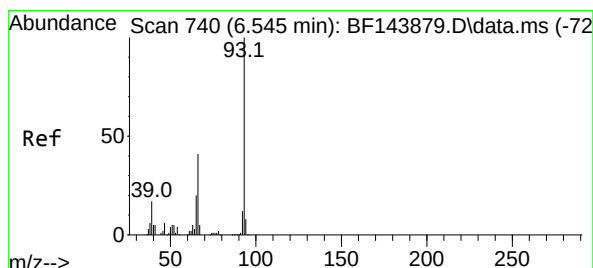
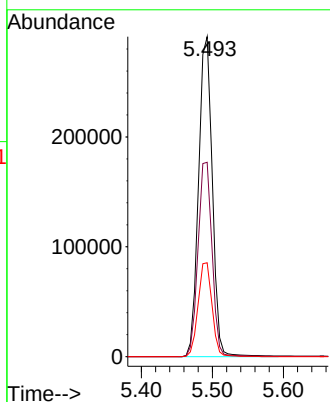
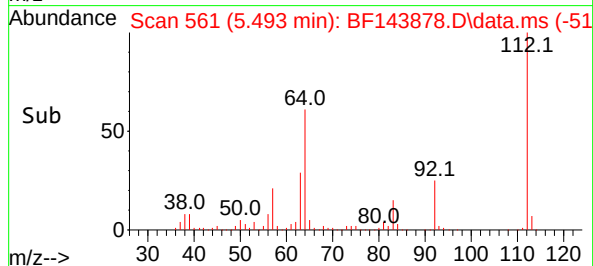
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 112 Resp: 389641  
Ion Ratio Lower Upper  
112 100  
64 60.7 49.1 73.7  
63 29.3 24.5 36.7

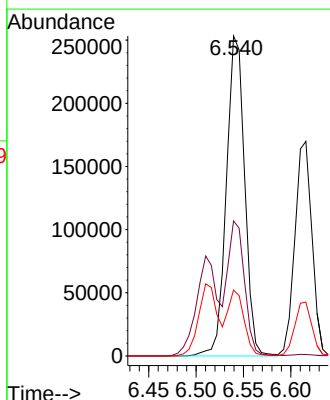
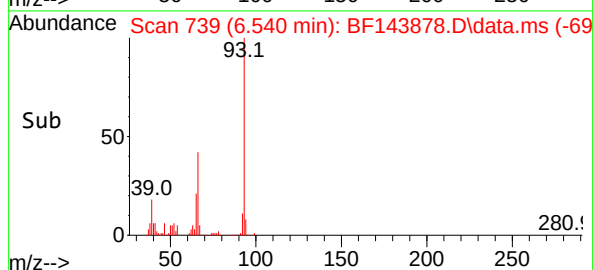
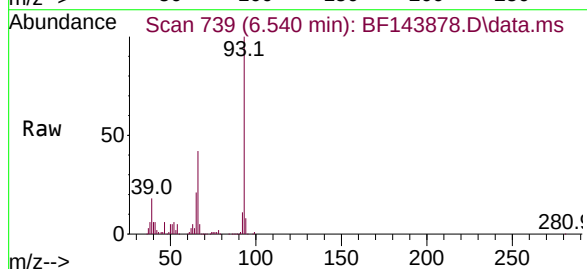
Manual Integrations  
APPROVED

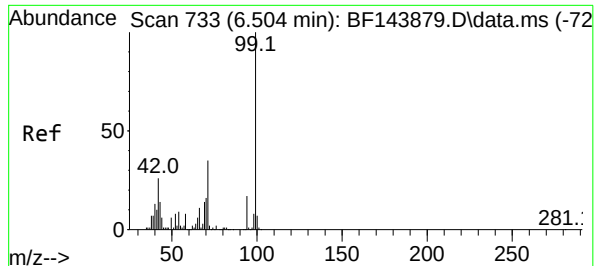
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#6  
Aniline  
Concen: 20.994 ng  
RT: 6.540 min Scan# 739  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

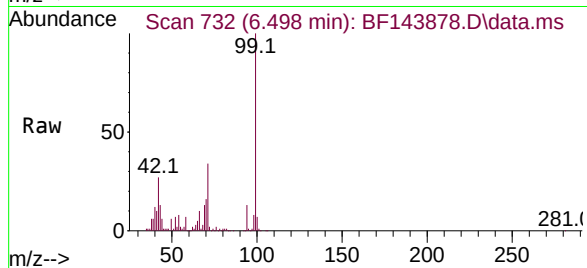
Tgt Ion: 93 Resp: 340202  
Ion Ratio Lower Upper  
93 100  
66 42.2 33.0 49.6  
65 20.6 15.8 23.8





#7  
Phenol-d6  
Concen: 42.670 ng  
RT: 6.498 min Scan# 733  
Delta R.T. -0.018 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

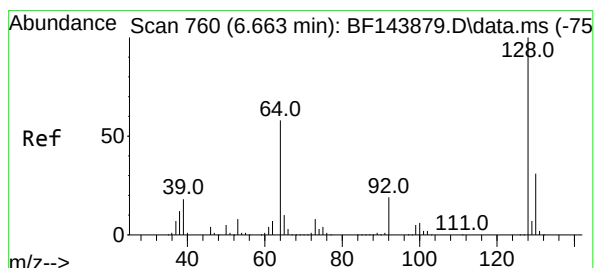
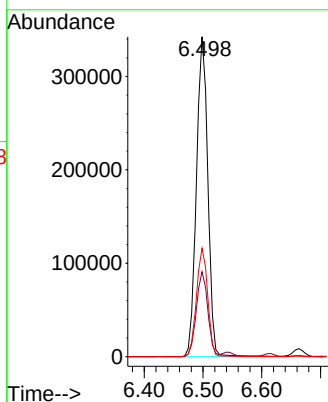
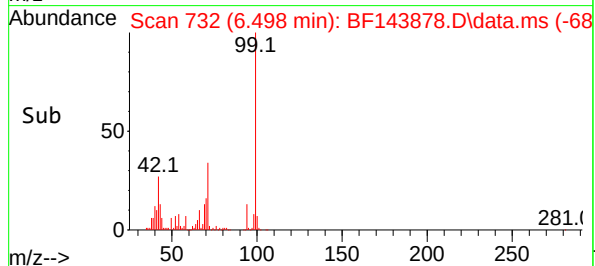
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



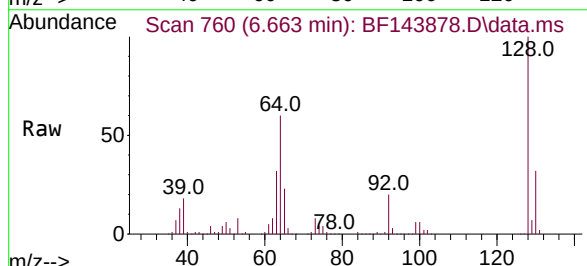
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Ion Ratio Lower Upper  
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71 33.9 27.8 41.8

Manual Integrations  
APPROVED

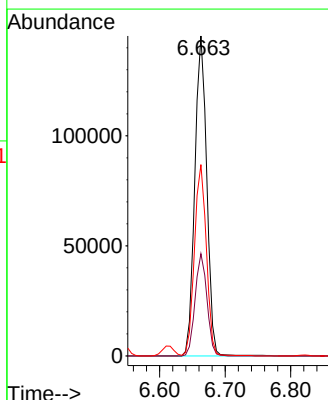
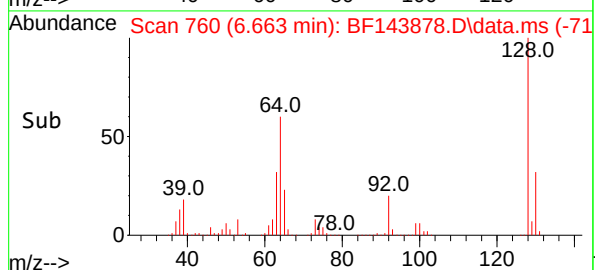
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

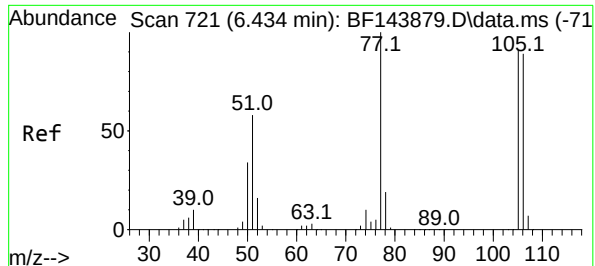


#8  
2-Chlorophenol  
Concen: 20.704 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



Tgt Ion:128 Resp: 183611  
Ion Ratio Lower Upper  
128 100  
130 31.9 10.7 50.7  
64 59.8 39.0 79.0





#9

Benzaldehyde

Concen: 17.715 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 14778

Ion Ratio Lower Upper

77 100

105 91.2 70.9 110.9

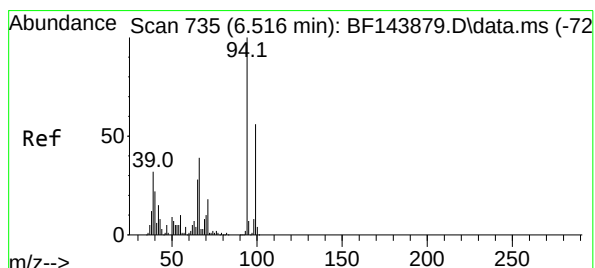
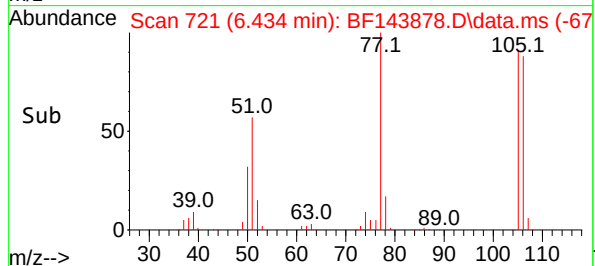
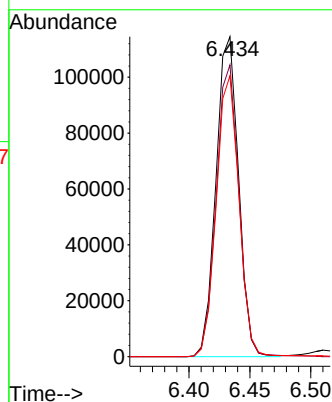
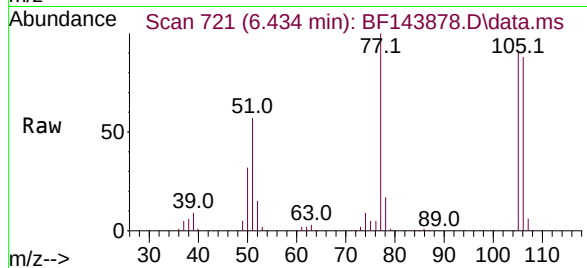
106 87.8 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 21.046 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

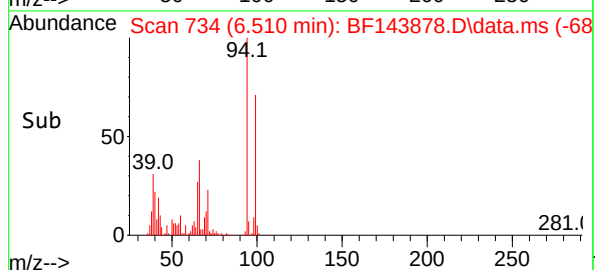
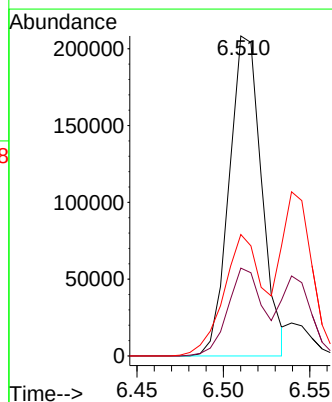
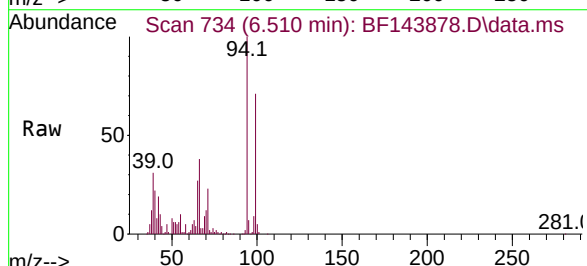
Tgt Ion: 94 Resp: 272100

Ion Ratio Lower Upper

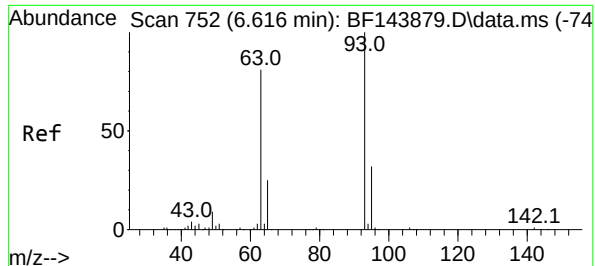
94 100

65 27.4 8.5 48.5

66 37.9 19.9 59.9







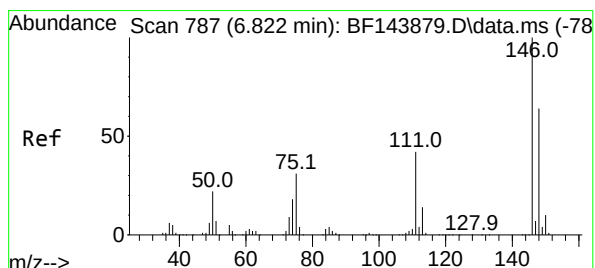
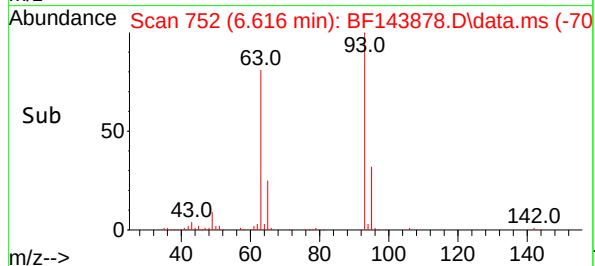
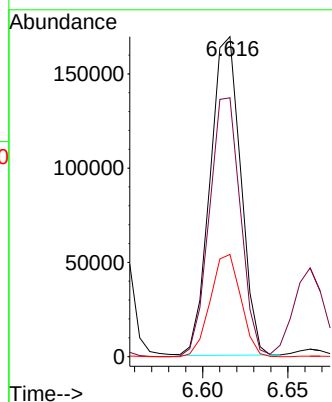
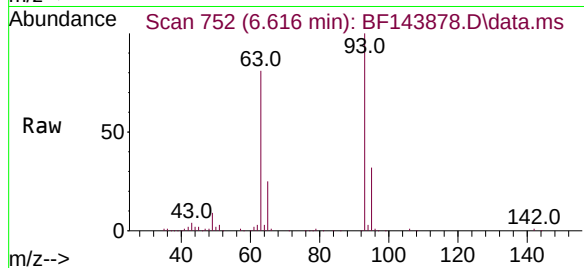
#11  
bis(2-Chloroethyl)ether  
Concen: 21.157 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion: 93 Resp: 211296  
Ion Ratio Lower Upper  
93 100  
63 80.9 60.9 100.9  
95 31.9 11.5 51.5

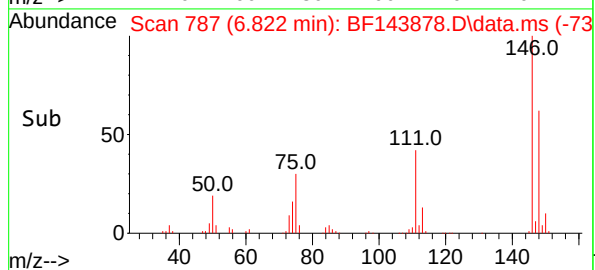
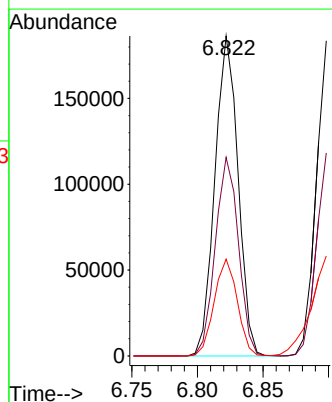
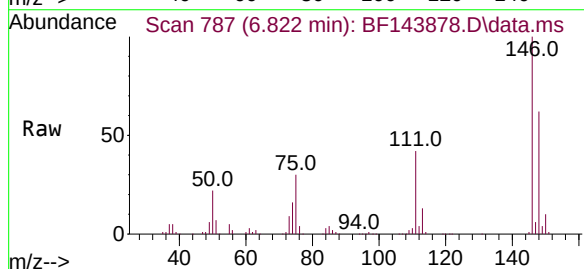
Manual Integrations  
APPROVED

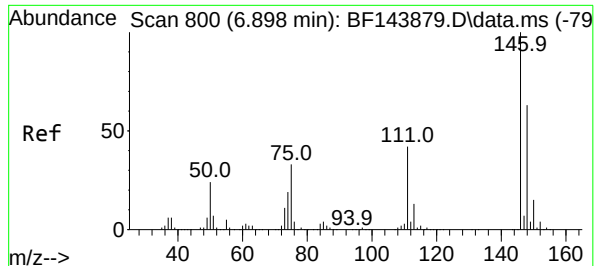
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 21.566 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:146 Resp: 228938  
Ion Ratio Lower Upper  
146 100  
148 62.0 51.0 76.4  
75 30.2 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 21.554 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 225703

Ion Ratio Lower Upper

146 100

148 64.4 50.5 75.7

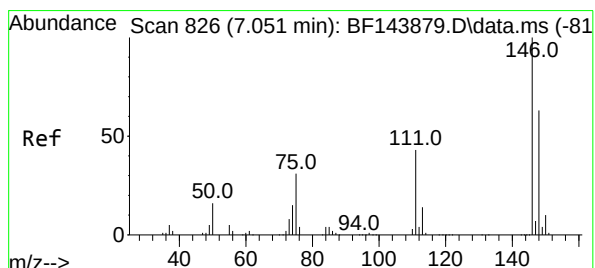
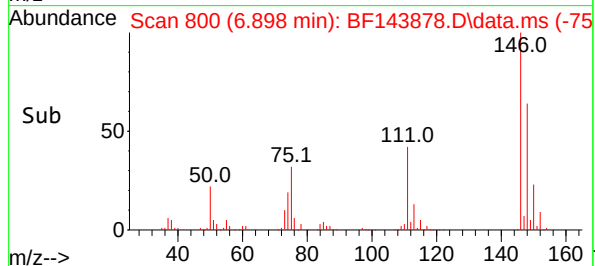
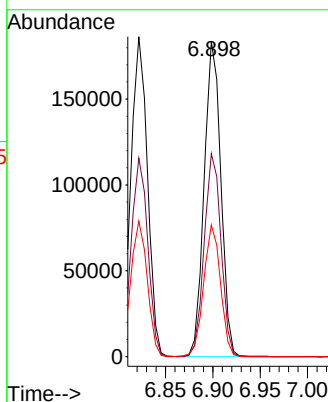
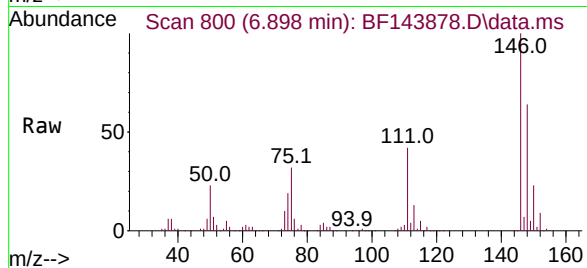
111 41.8 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 21.555 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

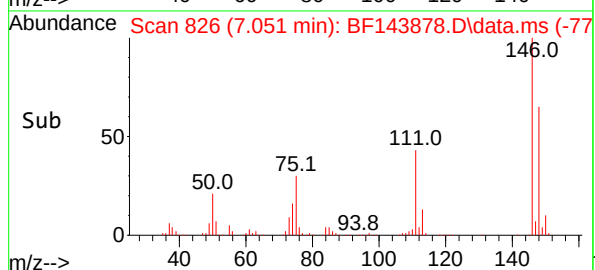
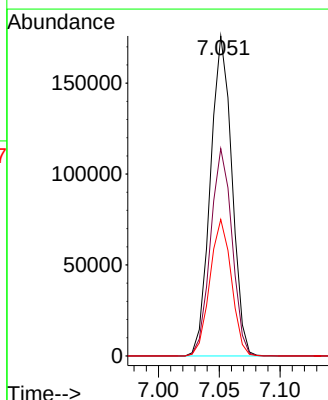
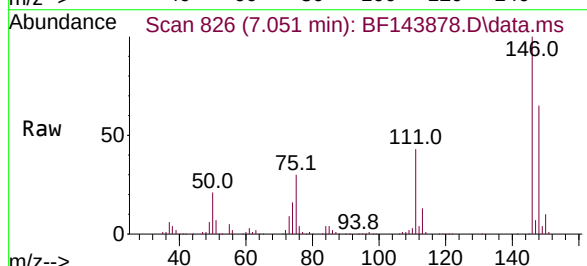
Tgt Ion:146 Resp: 216196

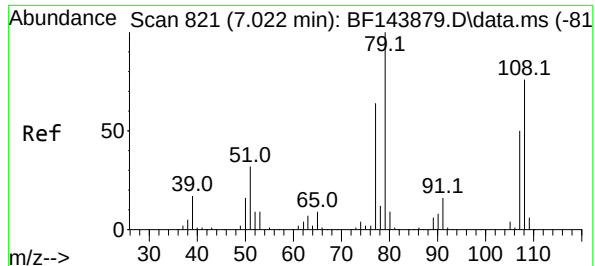
Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

111 42.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 20.241 ng

RT: 7.016 min Scan# 821

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 164008

Ion Ratio Lower Upper

79 100

108 73.6 60.8 91.2

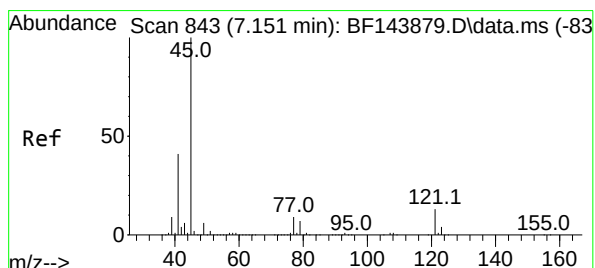
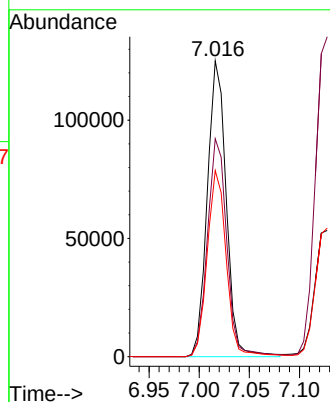
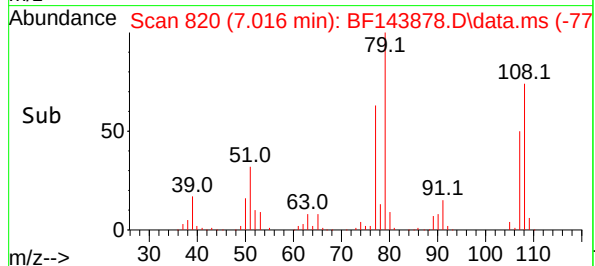
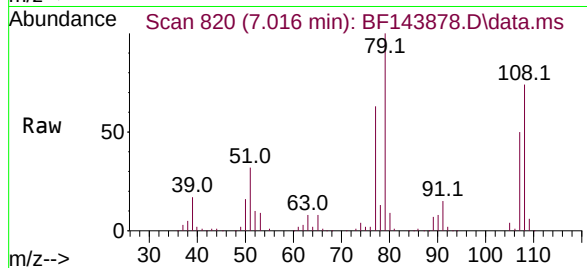
77 62.9 51.0 76.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.745 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

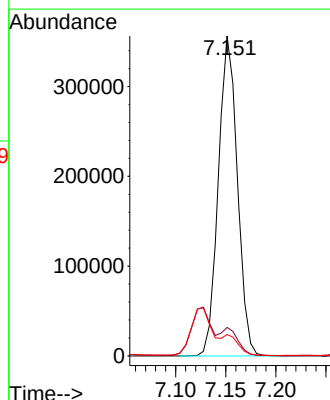
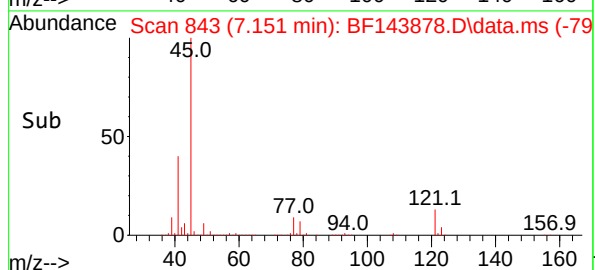
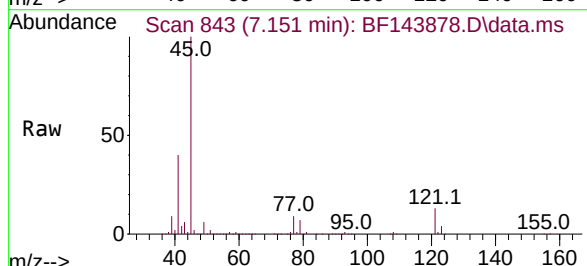
Tgt Ion: 45 Resp: 471598

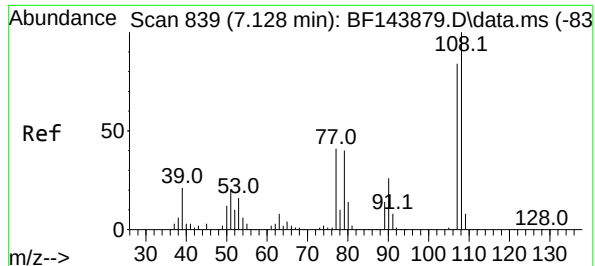
Ion Ratio Lower Upper

45 100

77 8.9 0.0 29.0

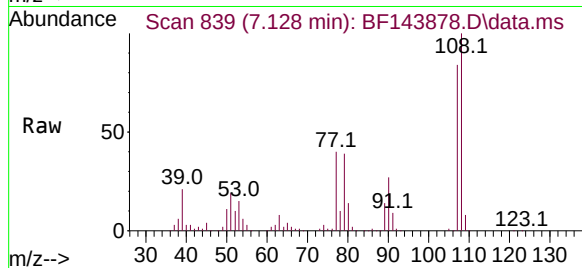
79 6.7 0.0 26.8





#17  
2-Methylphenol  
Concen: 20.616 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

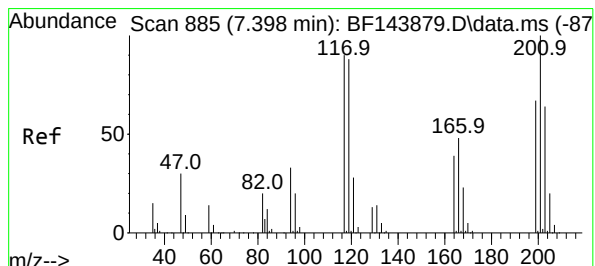
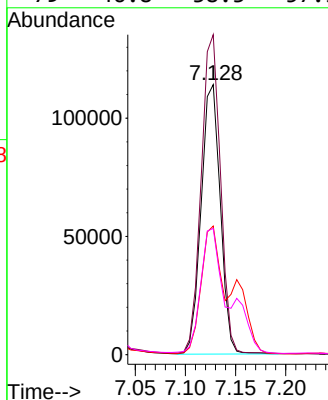
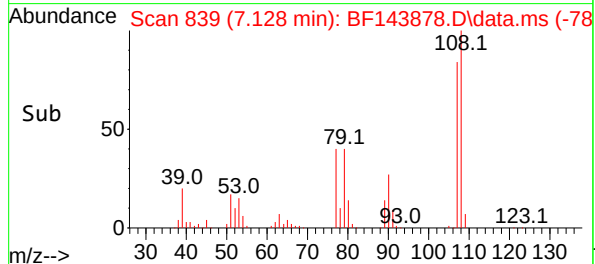
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



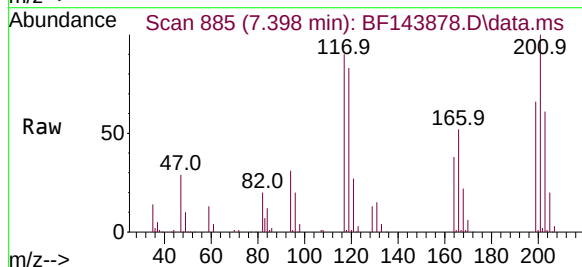
Tgt Ion:107 Resp: 151099  
Ion Ratio Lower Upper  
107 100  
108 118.5 94.7 142.1  
77 47.6 38.8 58.2  
79 46.8 38.3 57.5

Manual Integrations  
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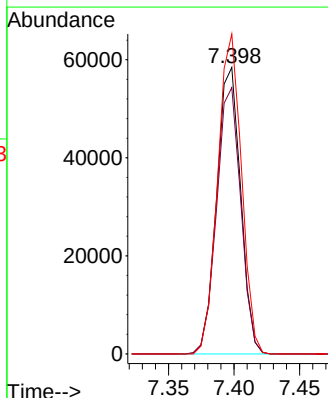
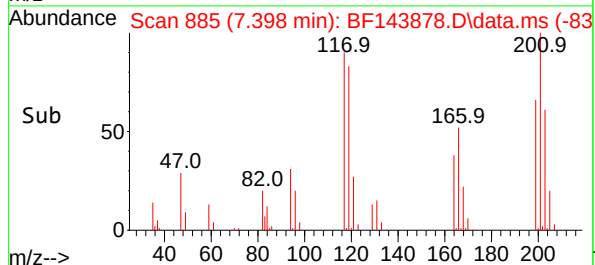
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

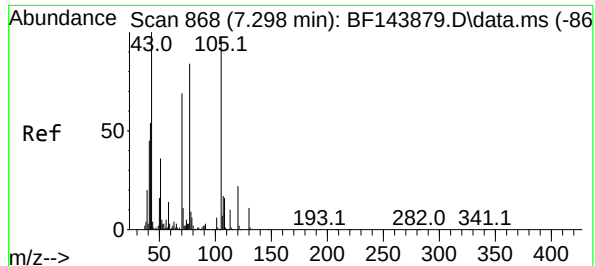


#18  
Hexachloroethane  
Concen: 21.232 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



Tgt Ion:117 Resp: 74147  
Ion Ratio Lower Upper  
117 100  
119 93.0 77.8 116.8  
201 111.7 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 20.512 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 151838

Ion Ratio Lower Upper

70 100

42 79.7 62.8 94.2

101 8.5 6.7 10.1

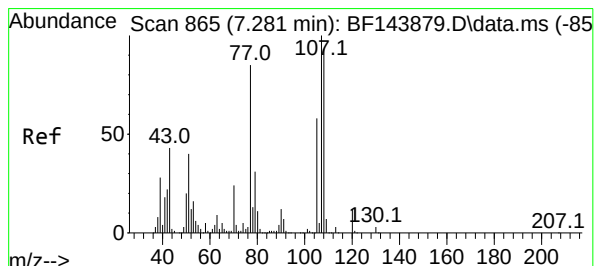
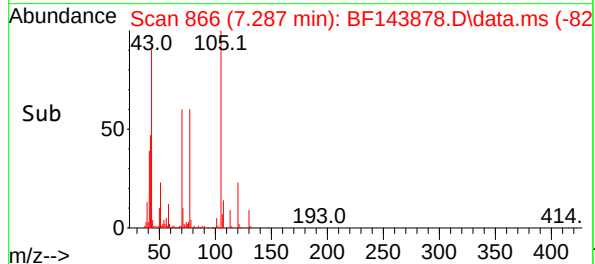
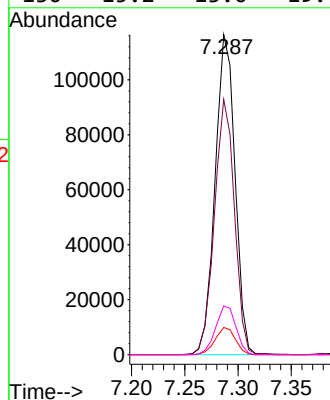
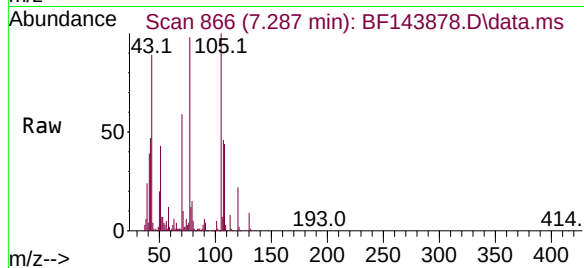
130 15.2 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 22.753 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 193273

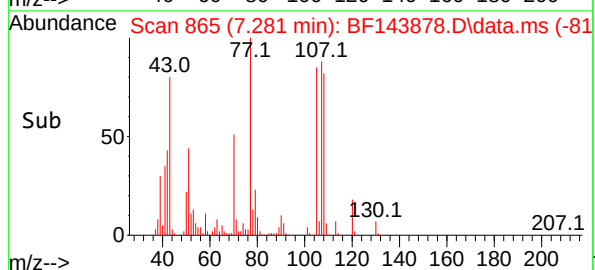
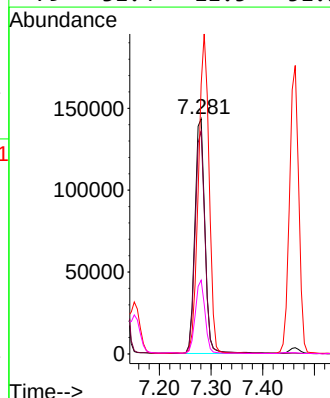
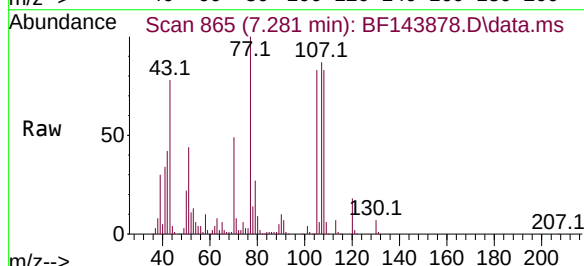
Ion Ratio Lower Upper

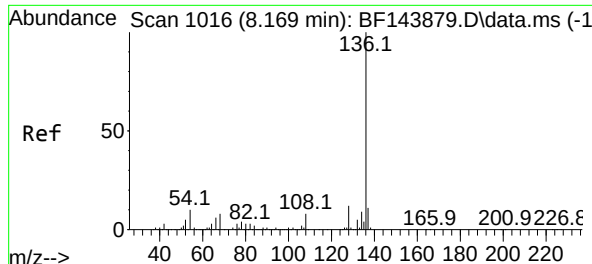
107 100

108 94.8 73.0 113.0

77 114.7 64.6 104.6#

79 31.4 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 561772

Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.9 8.2 12.4

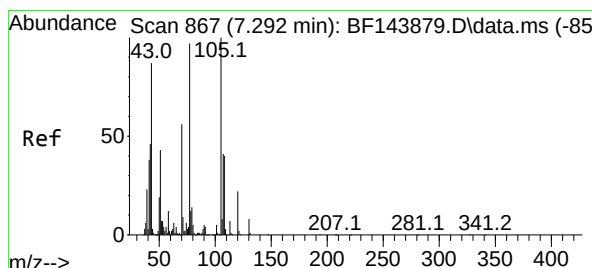
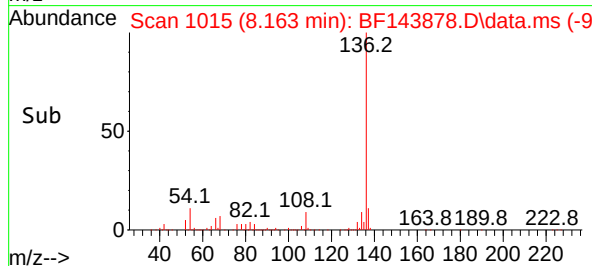
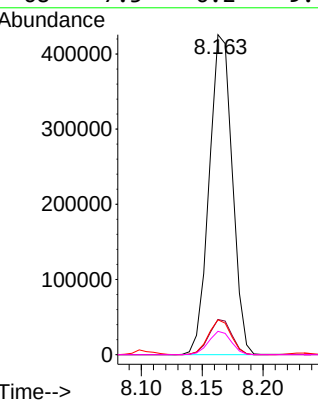
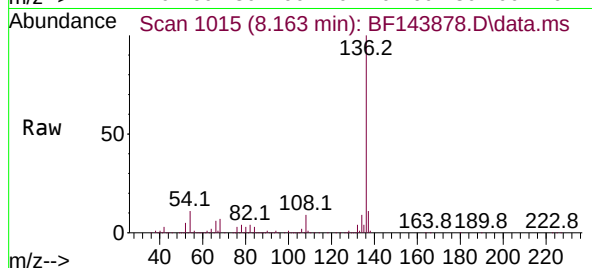
68 7.3 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

Concen: 21.837 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:105 Resp: 259382

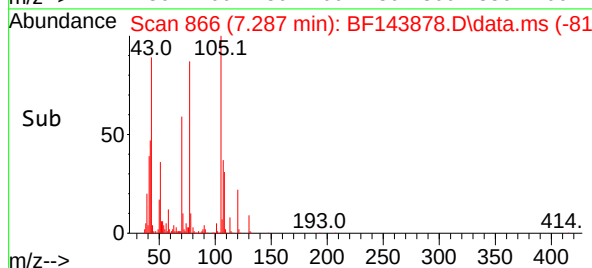
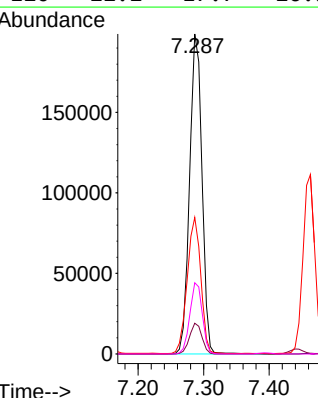
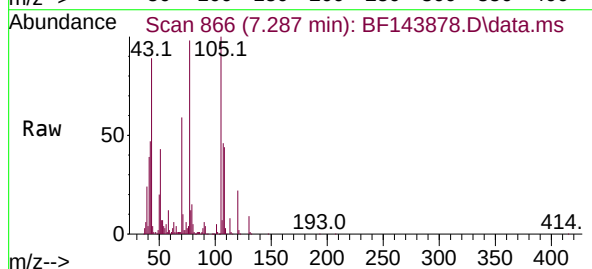
Ion Ratio Lower Upper

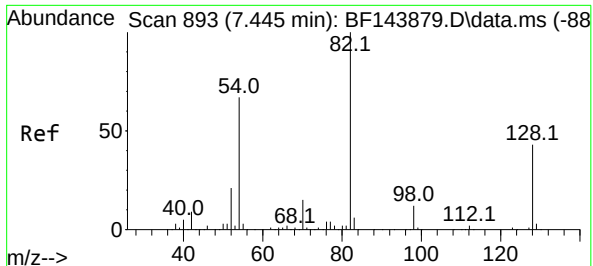
105 100

71 9.6 7.4 11.0

51 42.6 34.2 51.4

120 22.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 42.133 ng

RT: 7.439 min Scan# 891

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 389584

Ion Ratio Lower Upper

82 100

128 41.2 34.0 51.0

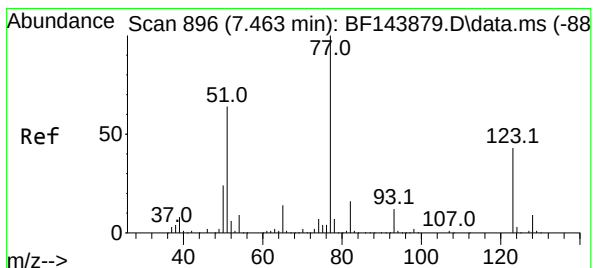
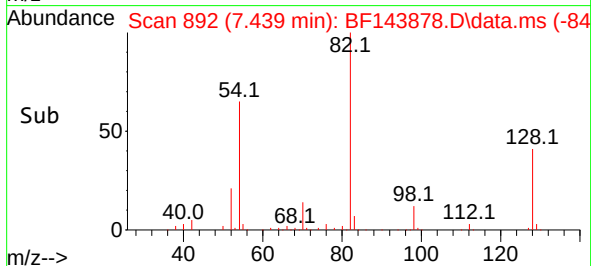
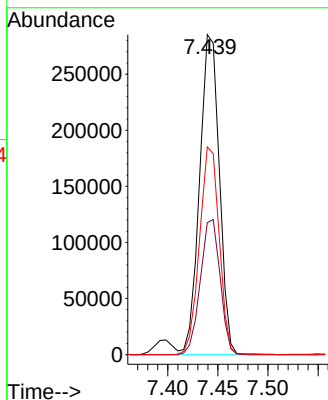
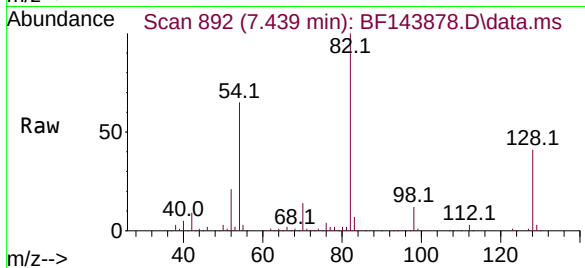
54 64.9 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 21.279 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

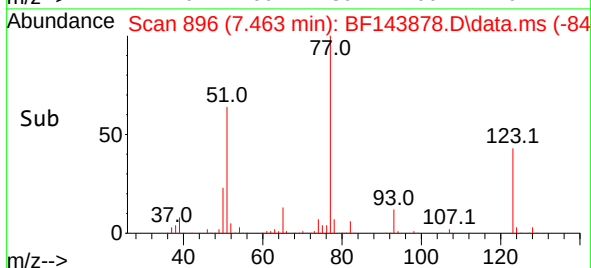
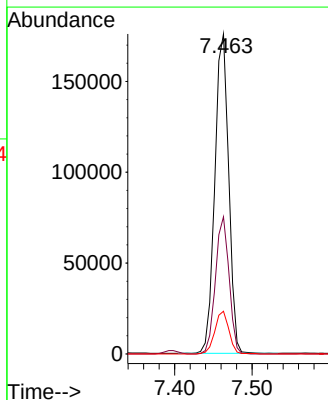
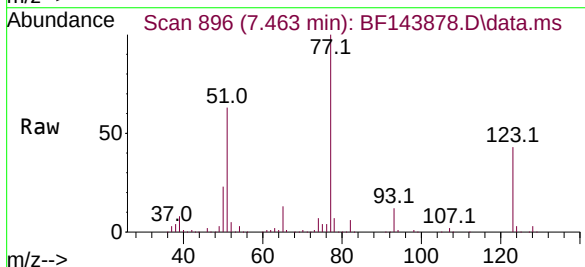
Tgt Ion: 77 Resp: 218497

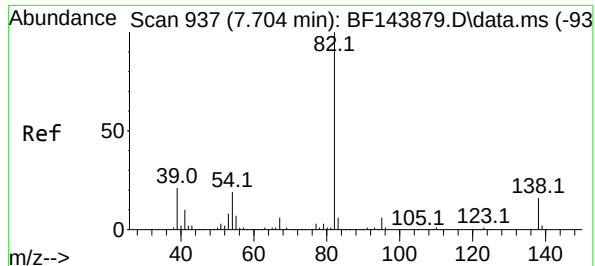
Ion Ratio Lower Upper

77 100

123 42.8 34.2 51.4

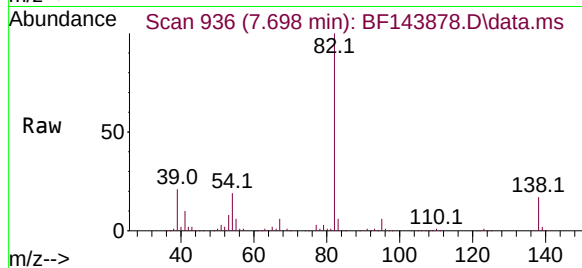
65 13.3 11.0 16.6





#25  
Isophorone  
Concen: 20.393 ng  
RT: 7.698 min Scan# 937  
Delta R.T. -0.023 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

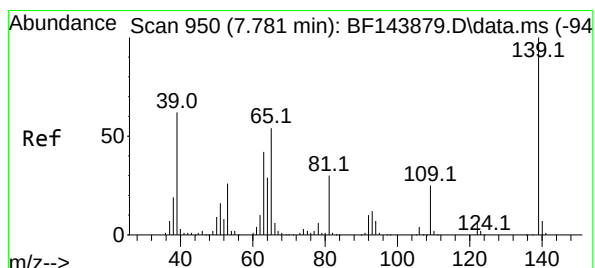
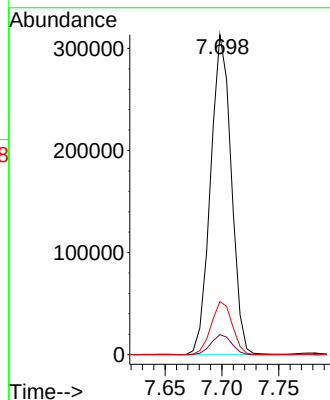
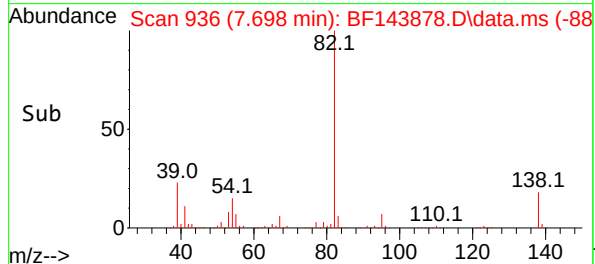
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICC020



Tgt Ion: 82 Resp: 397600  
Ion Ratio Lower Upper  
82 100  
95 6.2 5.1 7.7  
138 16.6 12.9 19.3

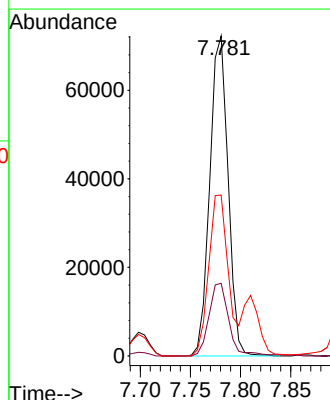
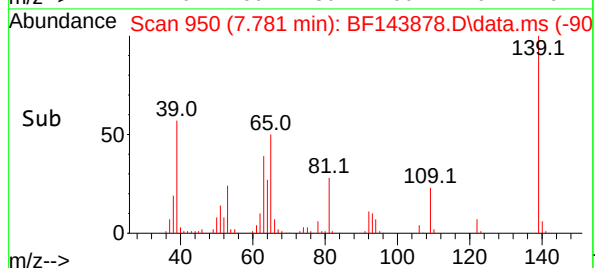
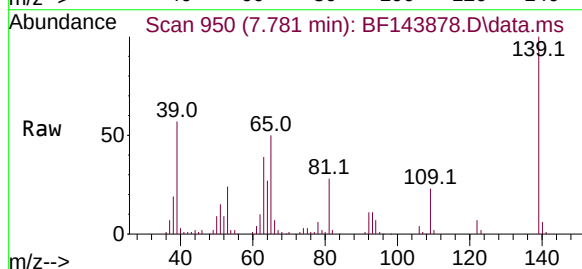
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

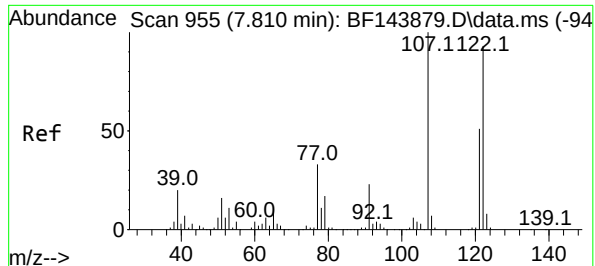


#26  
2-Nitrophenol  
Concen: 20.747 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:139 Resp: 91336  
Ion Ratio Lower Upper  
139 100  
109 22.7 19.8 29.6  
65 50.3 42.9 64.3

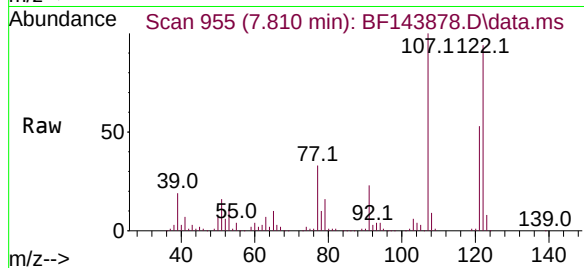






#27  
2,4-Dimethylphenol  
Concen: 20.682 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

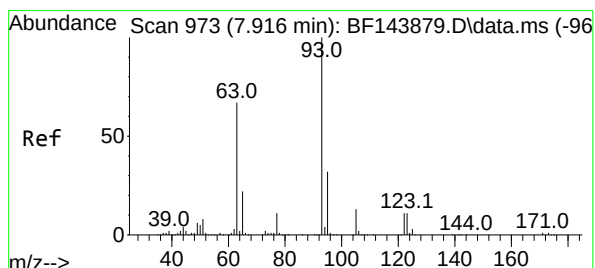
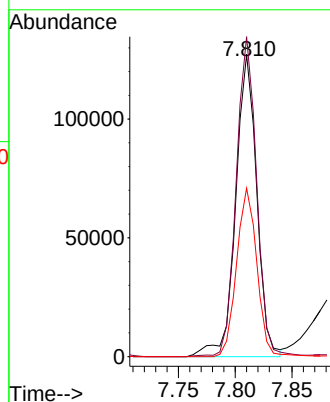
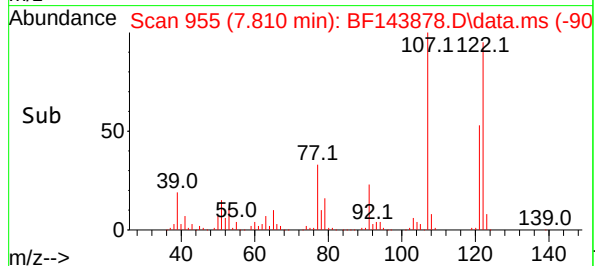
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:122 Resp: 163783  
Ion Ratio Lower Upper  
122 100  
107 105.9 86.1 129.1  
121 55.8 43.8 65.6

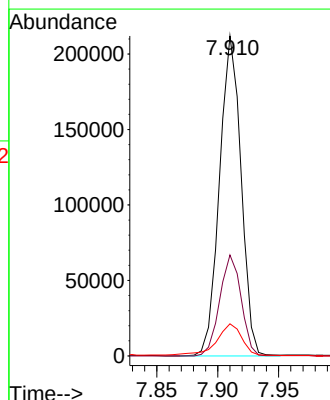
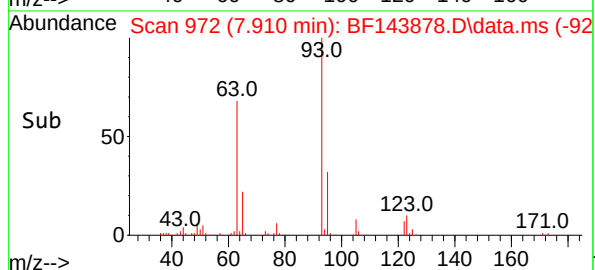
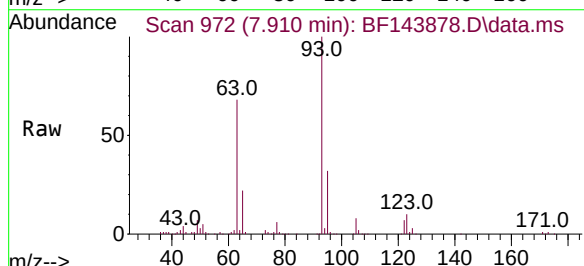
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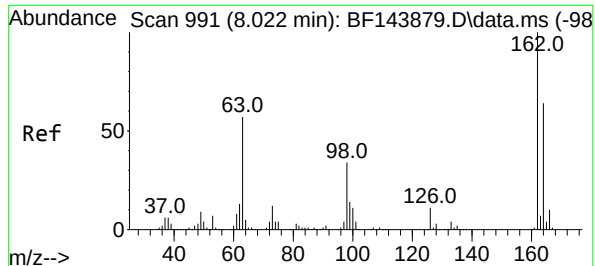
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 21.131 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 260252  
Ion Ratio Lower Upper  
93 100  
95 31.5 25.9 38.9  
123 10.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 21.328 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 175934

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

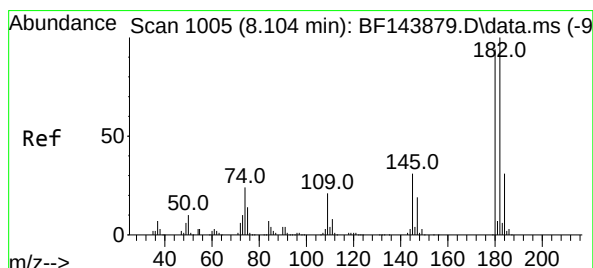
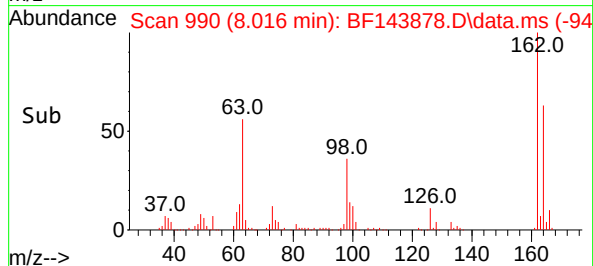
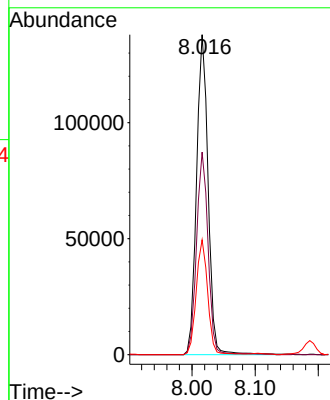
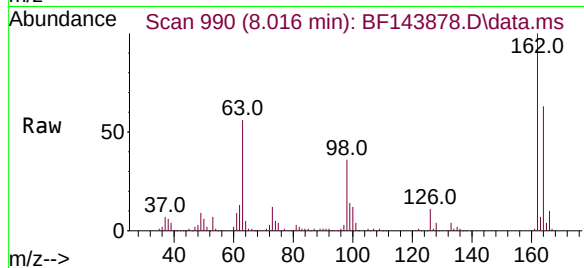
98 35.9 14.4 54.4

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 21.234 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

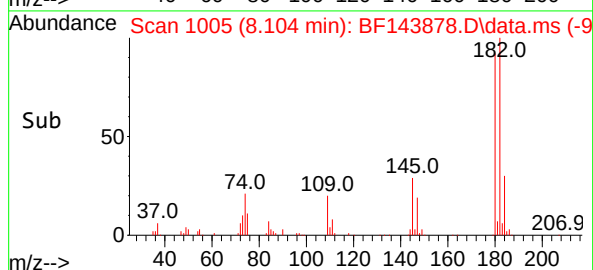
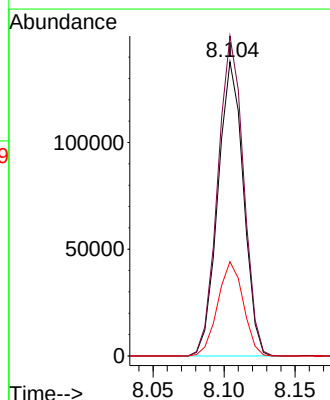
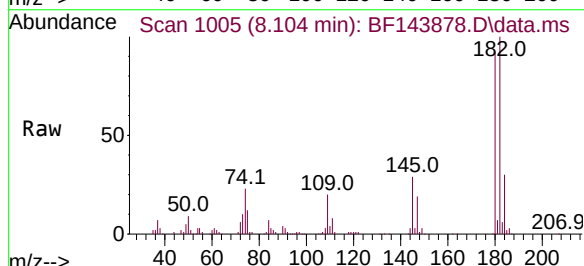
Tgt Ion:180 Resp: 172265

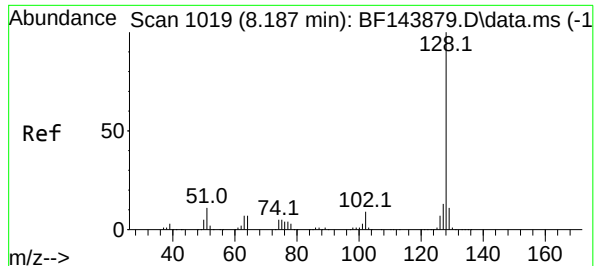
Ion Ratio Lower Upper

180 100

182 108.8 85.4 128.0

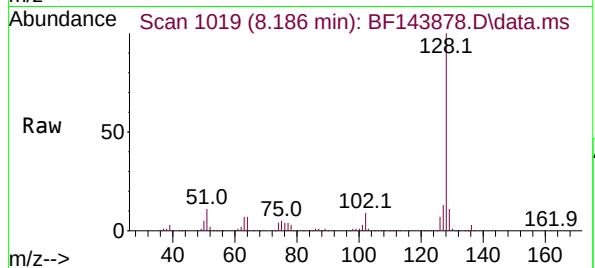
145 32.0 26.3 39.5





#31  
Naphthalene  
Concen: 21.365 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

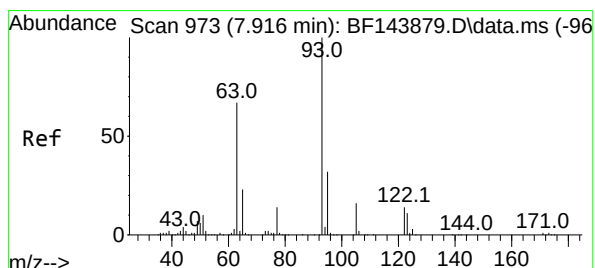
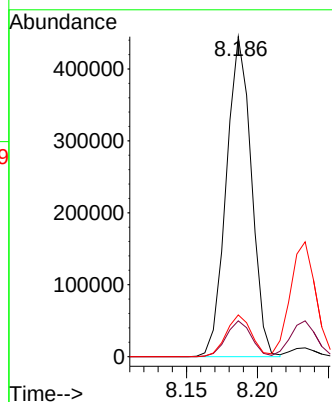
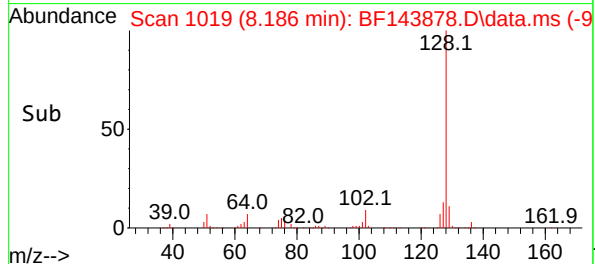
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:128 Resp: 545972  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.1 10.0 15.0

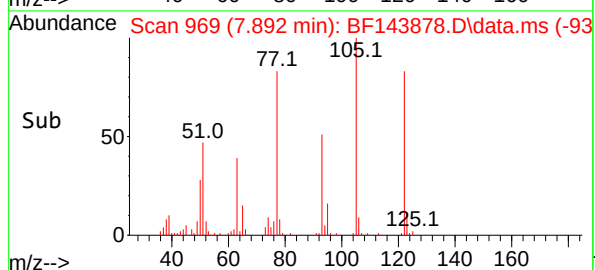
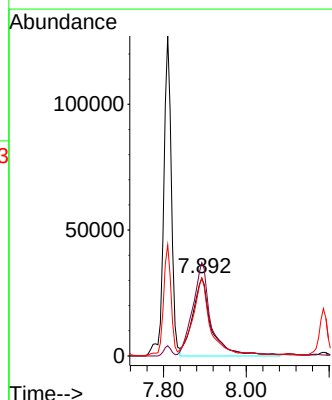
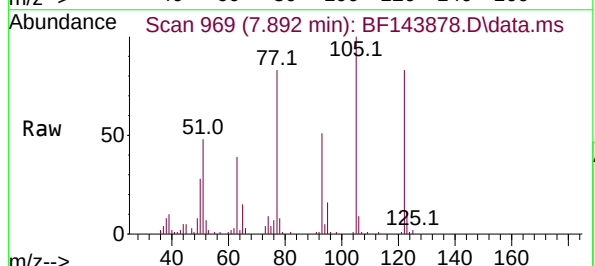
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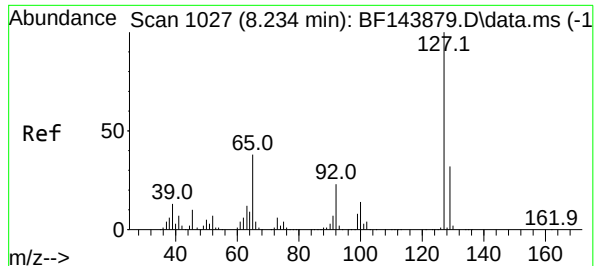
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#32  
Benzoic acid  
Concen: 17.912 ng m  
RT: 7.892 min Scan# 969  
Delta R.T. -0.071 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

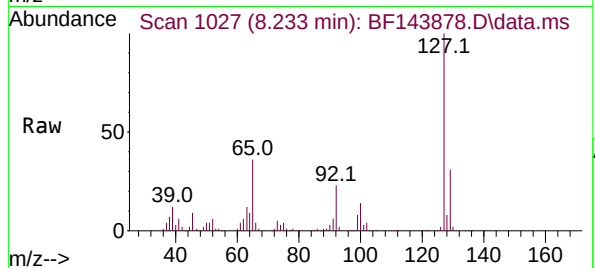
Tgt Ion:122 Resp: 98172  
Ion Ratio Lower Upper  
122 100  
105 120.1 93.5 133.5  
77 100.0 76.3 116.3





#33  
4-Chloroaniline  
Concen: 20.924 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

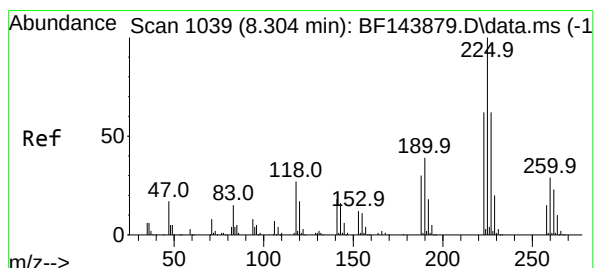
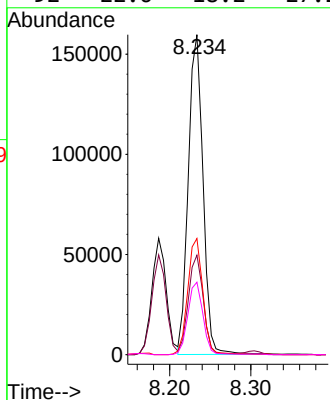
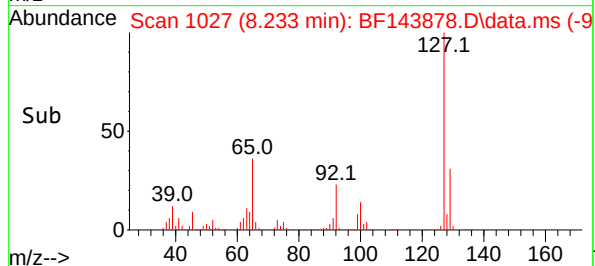
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:127 Resp: 200545  
Ion Ratio Lower Upper  
127 100  
129 31.1 25.8 38.8  
65 36.3 30.0 45.0  
92 22.6 18.2 27.2

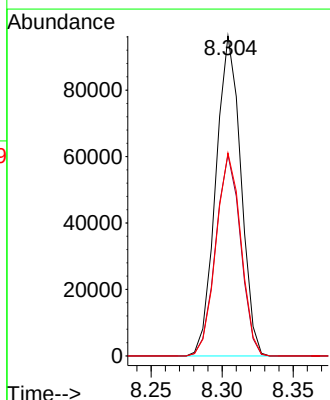
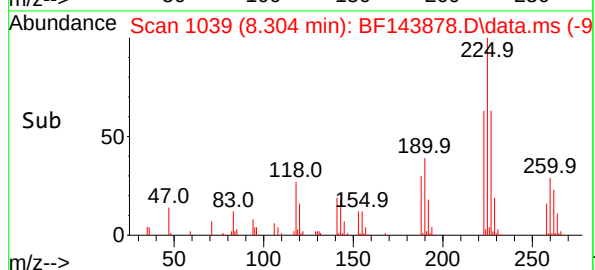
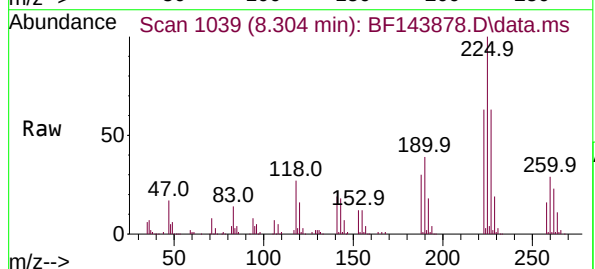
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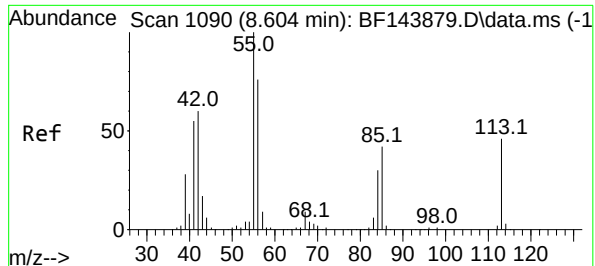
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#34  
Hexachlorobutadiene  
Concen: 20.941 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:225 Resp: 118056  
Ion Ratio Lower Upper  
225 100  
223 62.9 49.4 74.2  
227 63.4 49.7 74.5





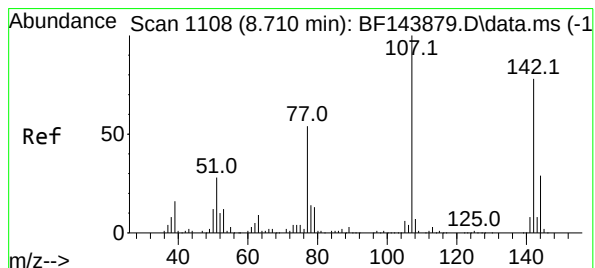
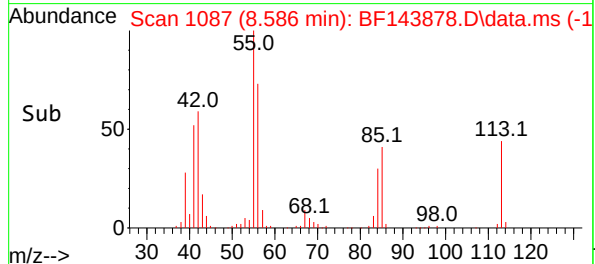
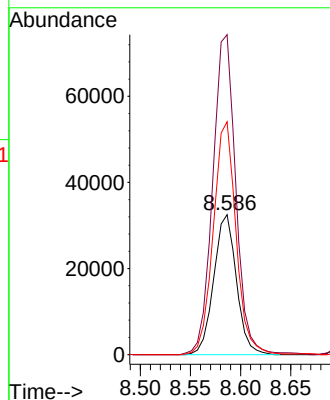
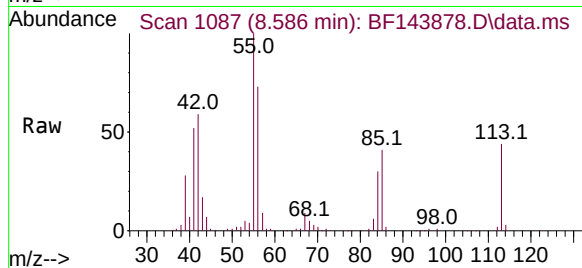
#35  
Caprolactam  
Concen: 19.505 ng  
RT: 8.586 min Scan# 1090  
Delta R.T. -0.059 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:113 Resp: 51159  
Ion Ratio Lower Upper  
113 100  
55 228.6 199.6 239.6  
56 166.4 146.0 186.0

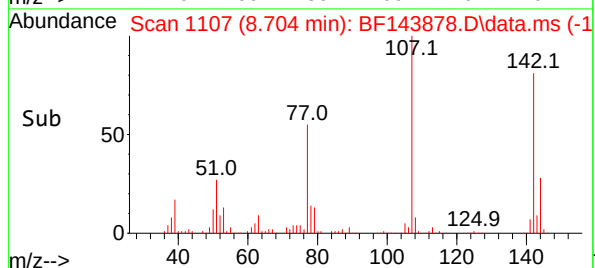
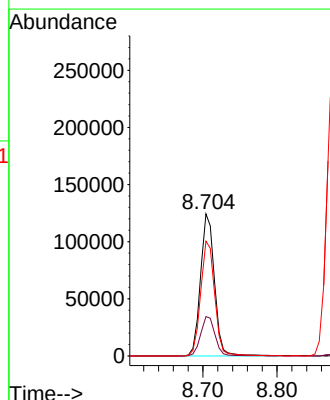
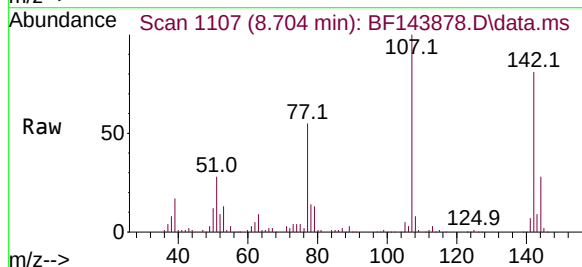
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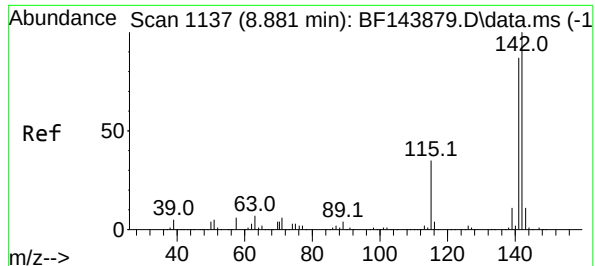
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 20.524 ng  
RT: 8.704 min Scan# 1107  
Delta R.T. -0.018 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 162629  
Ion Ratio Lower Upper  
107 100  
144 27.7 23.1 34.7  
142 80.8 62.6 94.0





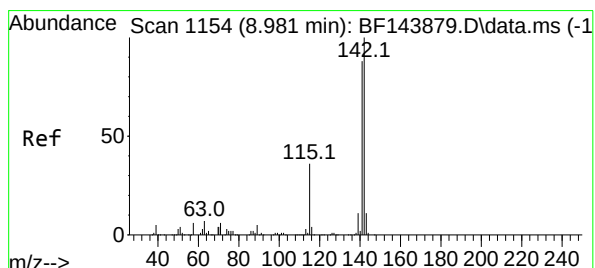
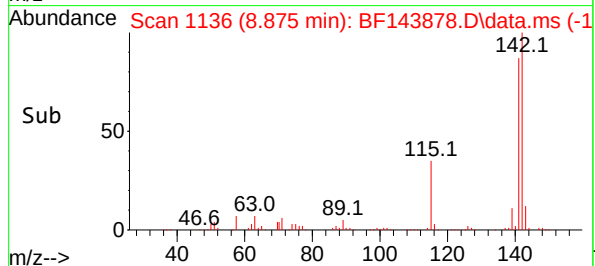
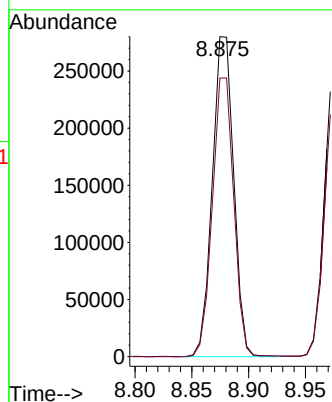
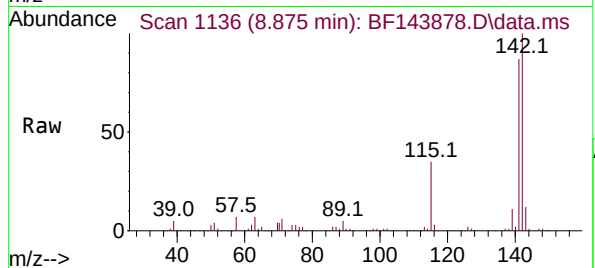
#37  
2-Methylnaphthalene  
Concen: 21.583 ng  
RT: 8.875 min Scan# 1136  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:142 Resp: 367401  
Ion Ratio Lower Upper  
142 100  
141 87.0 69.2 103.8

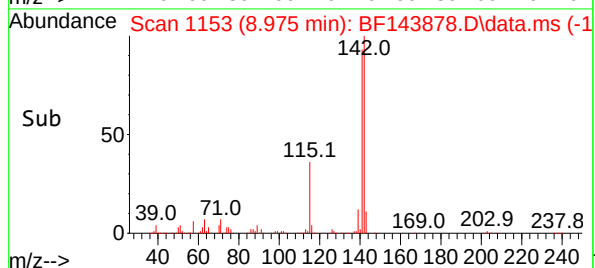
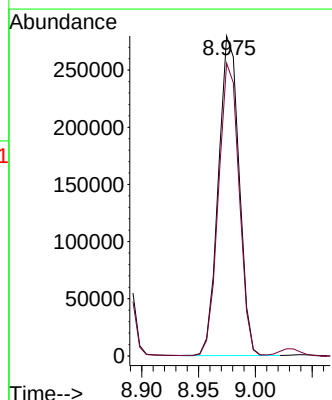
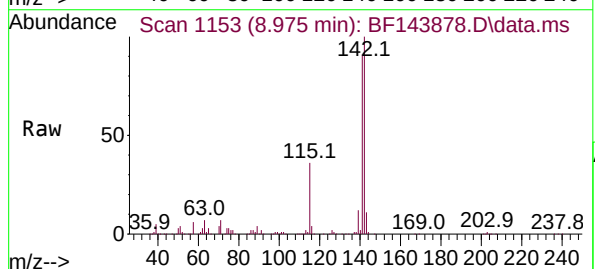
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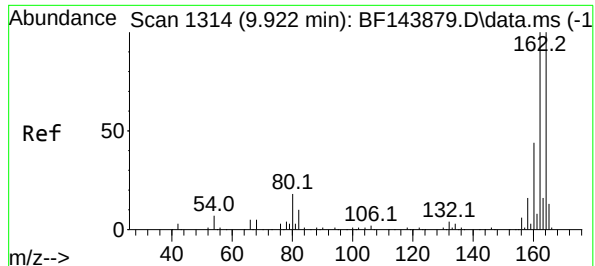
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#38  
1-Methylnaphthalene  
Concen: 21.407 ng  
RT: 8.975 min Scan# 1153  
Delta R.T. -0.011 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:142 Resp: 353459  
Ion Ratio Lower Upper  
142 100  
141 91.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143878.D

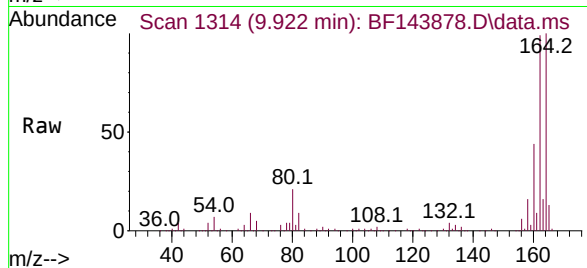
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 311297

Ion Ratio Lower Upper

164 100

162 98.6 80.2 120.2

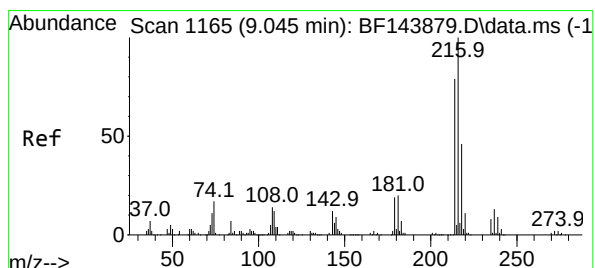
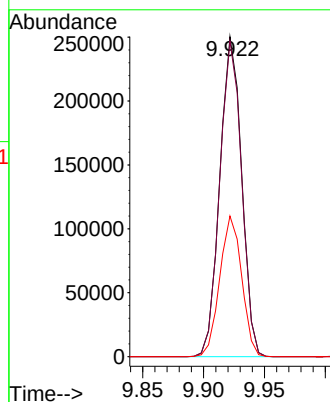
160 43.9 35.4 53.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

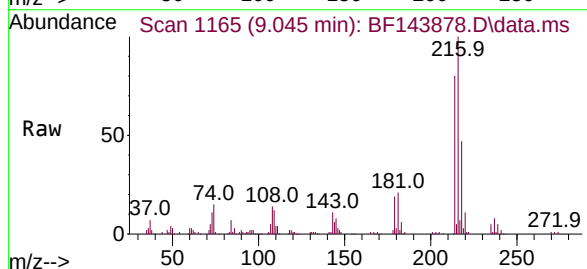
Concen: 21.523 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



Tgt Ion:216 Resp: 185181

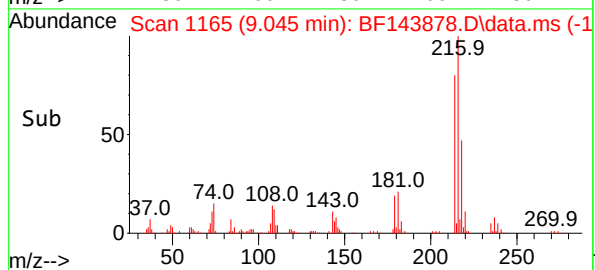
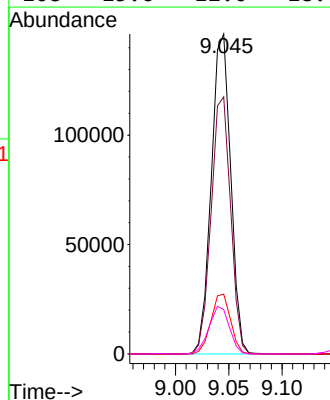
Ion Ratio Lower Upper

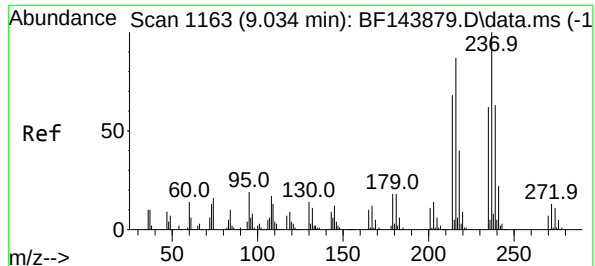
216 100

214 80.8 62.6 94.0

179 18.9 15.4 23.0

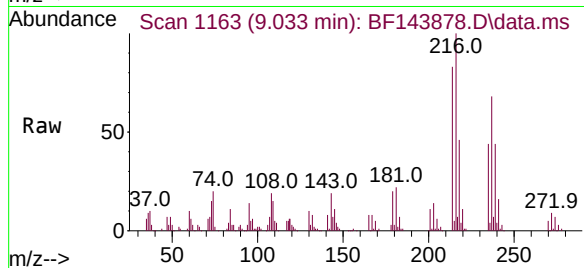
108 15.6 12.0 18.0





#41  
Hexachlorocyclopentadiene  
Concen: 18.807 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

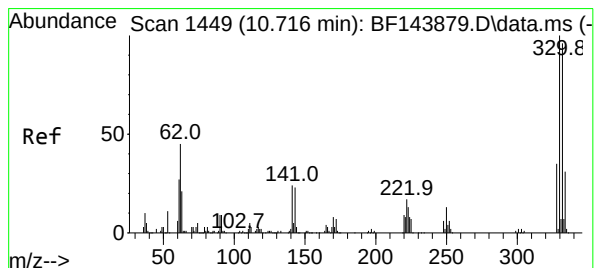
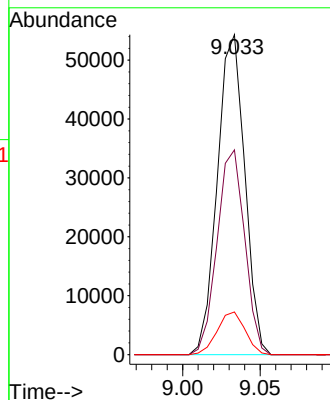
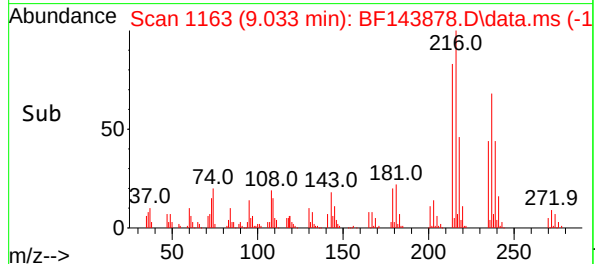
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion: 237 Resp: 67128  
Ion Ratio Lower Upper  
237 100  
235 64.0 42.3 82.3  
272 13.4 0.0 33.1

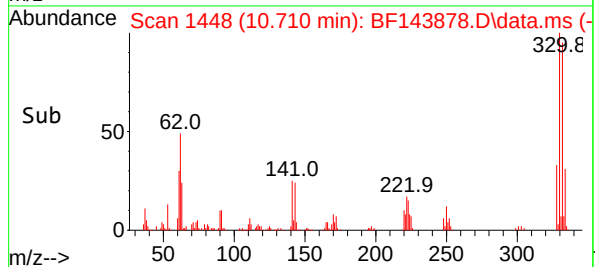
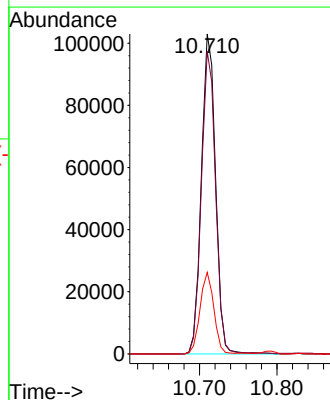
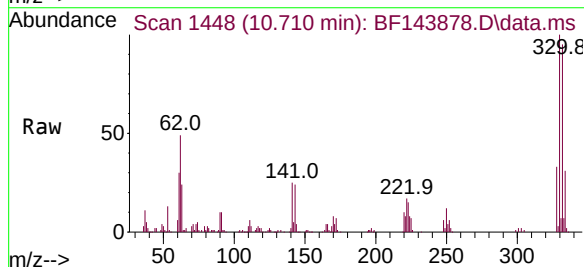
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

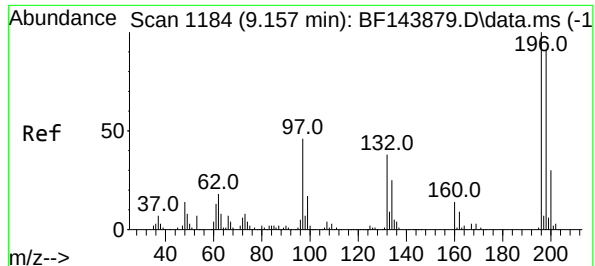


#42  
2,4,6-Tribromophenol  
Concen: 42.114 ng  
RT: 10.710 min Scan# 1448  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion: 330 Resp: 130577  
Ion Ratio Lower Upper  
330 100  
332 94.8 76.9 115.3  
141 24.8 20.2 30.4







#43

2,4,6-Trichlorophenol

Concen: 21.116 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143878.D

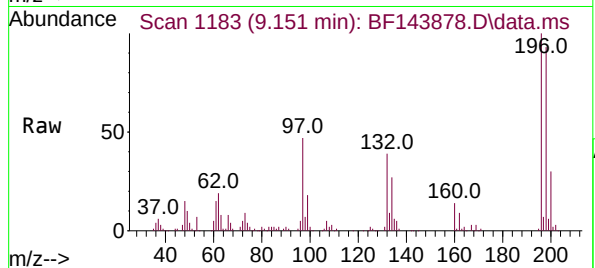
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 13274

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

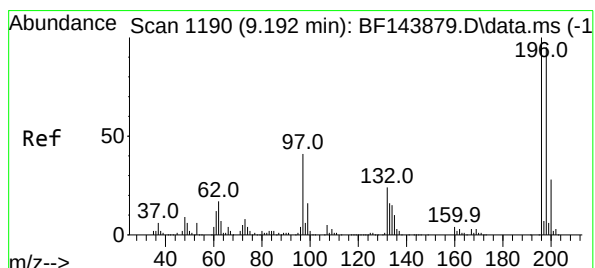
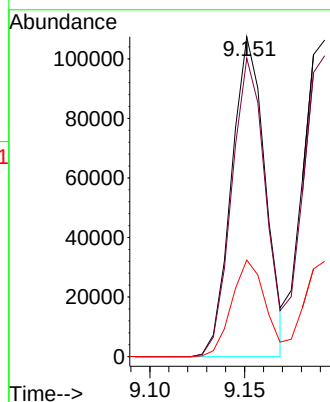
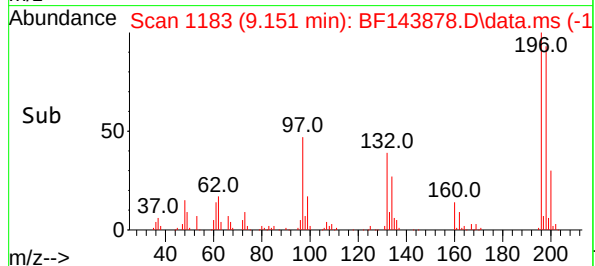
200 30.2 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

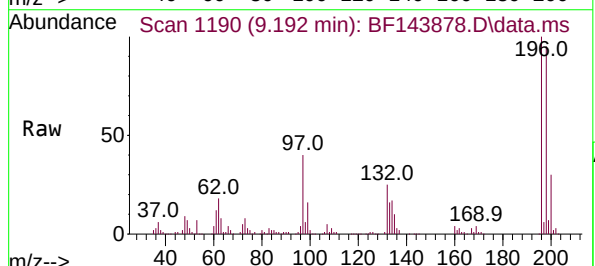
Concen: 21.532 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



Tgt Ion:196 Resp: 143043

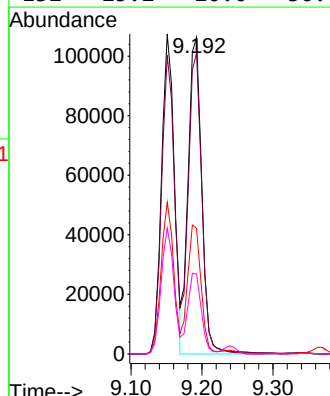
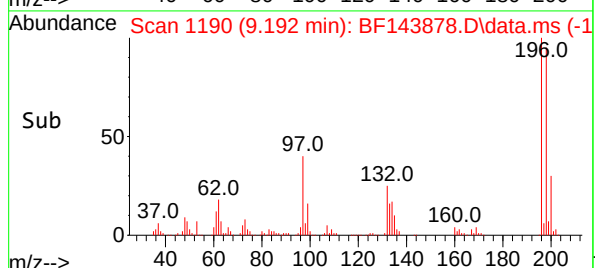
Ion Ratio Lower Upper

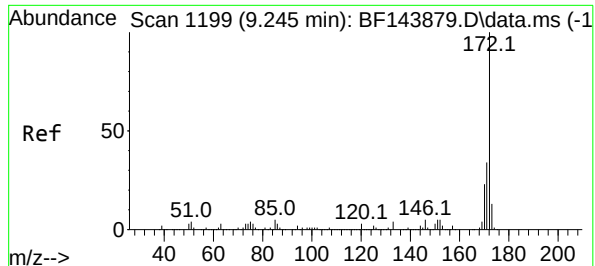
196 100

198 95.0 75.5 113.3

97 39.6 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 42.367 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 831185

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

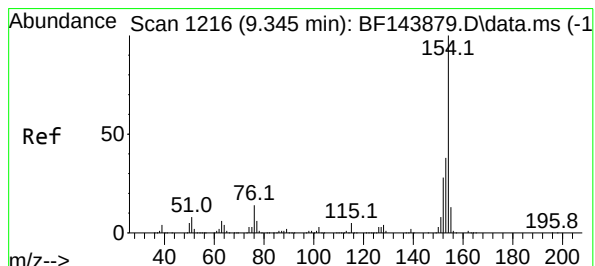
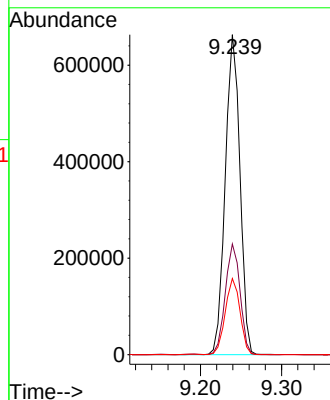
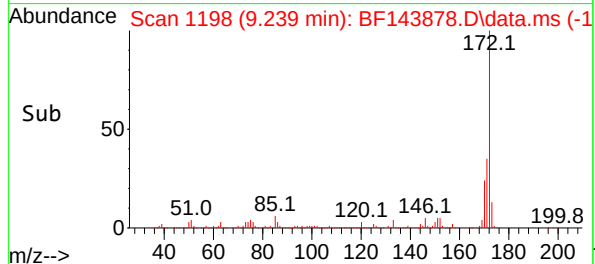
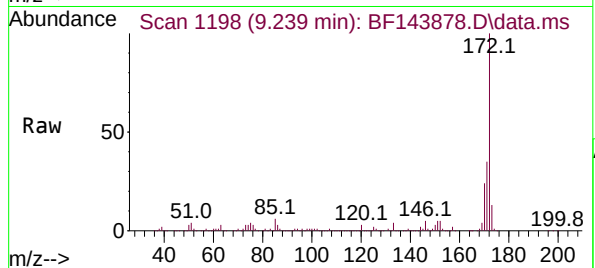
170 23.8 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 21.868 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

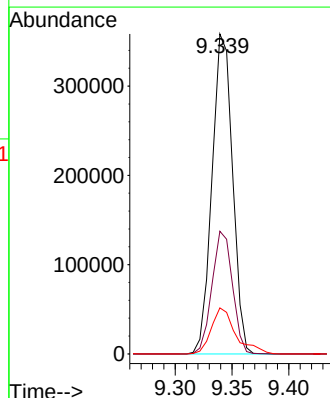
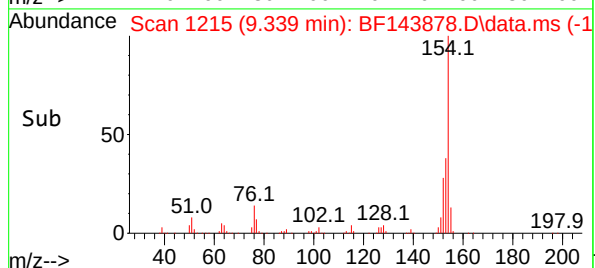
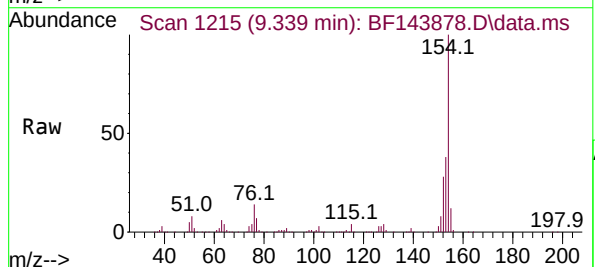
Tgt Ion:154 Resp: 450706

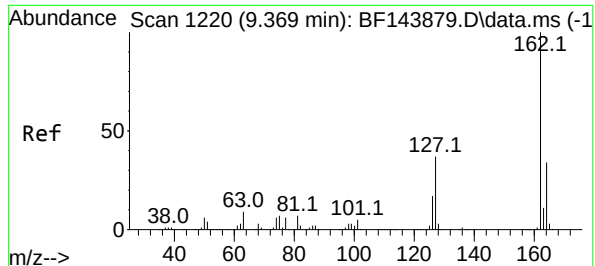
Ion Ratio Lower Upper

154 100

153 38.3 18.4 58.4

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 21.679 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143878.D

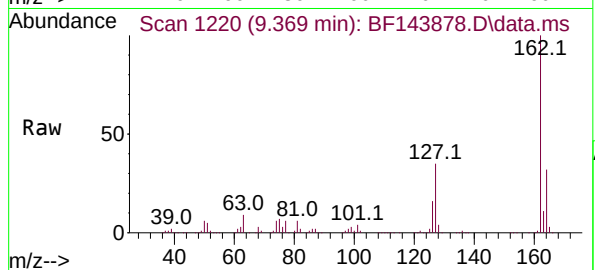
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 37253

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

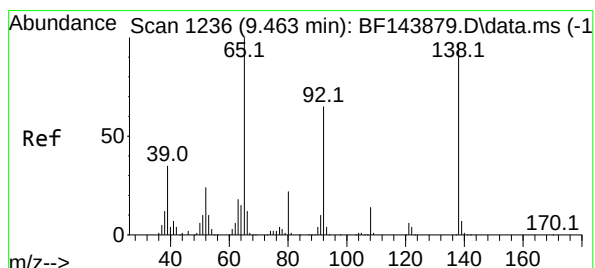
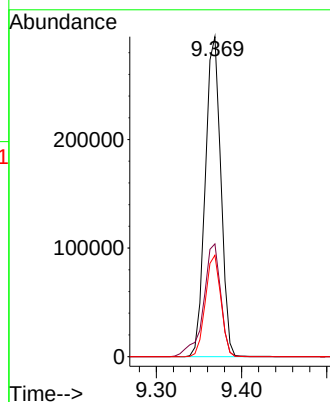
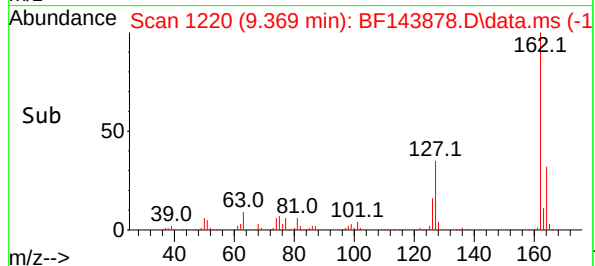
164 31.7 26.9 40.3

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#48

2-Nitroaniline

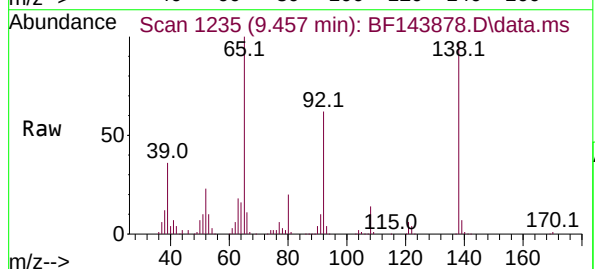
Concen: 21.263 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



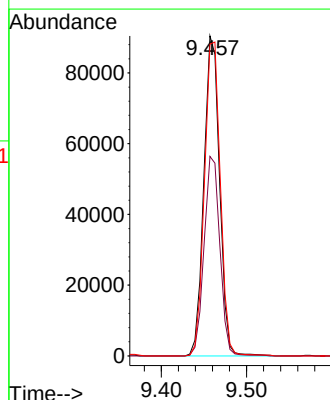
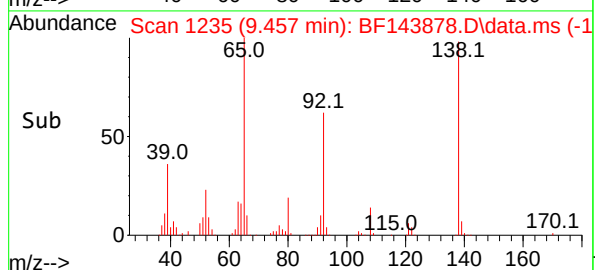
Tgt Ion: 65 Resp: 115519

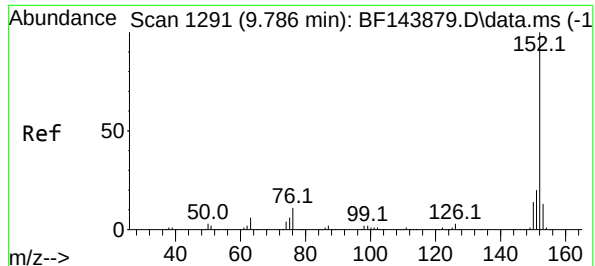
Ion Ratio Lower Upper

65 100

92 62.3 52.1 78.1

138 97.4 77.4 116.2





#49

Acenaphthylene

Concen: 21.234 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143878.D

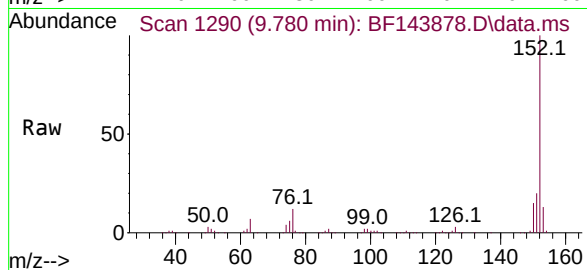
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 512980

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

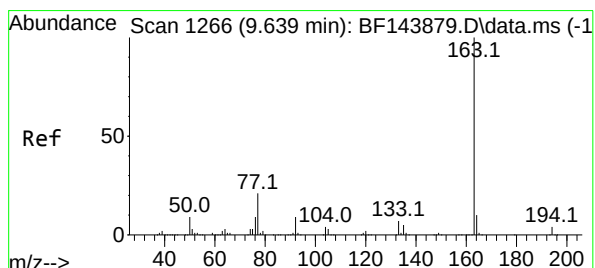
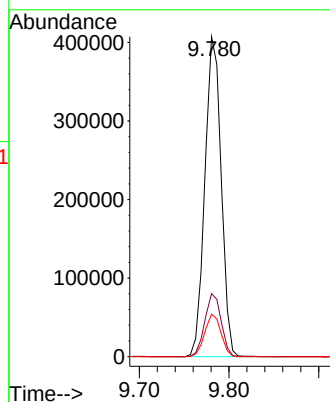
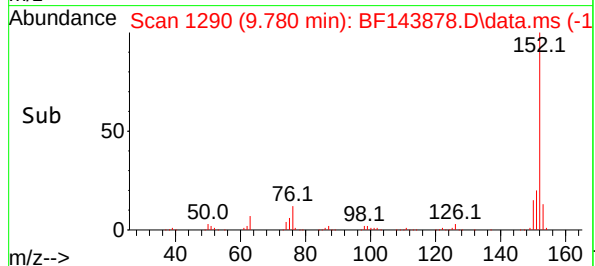
153 13.3 10.5 15.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

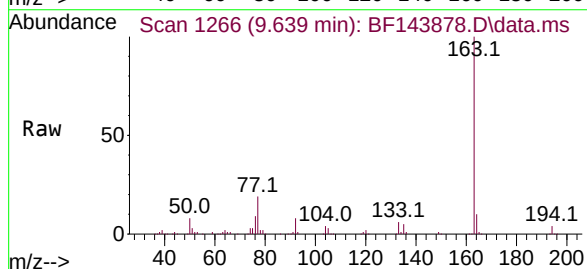
Concen: 21.011 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



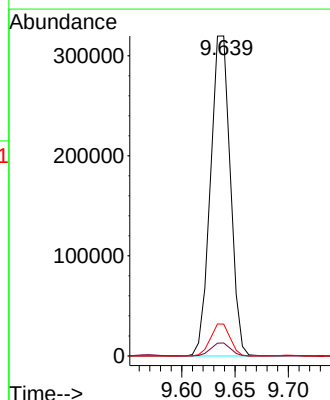
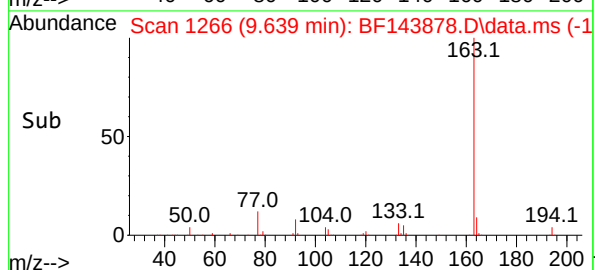
Tgt Ion:163 Resp: 415359

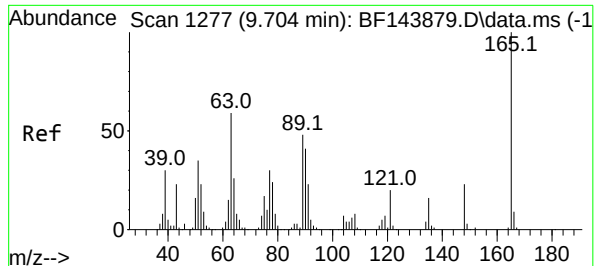
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

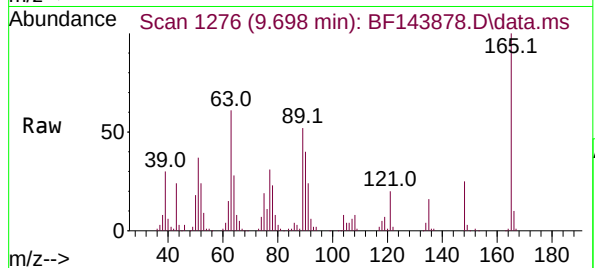
164 9.9 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 20.831 ng  
RT: 9.698 min Scan# 1276  
Delta R.T. -0.018 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

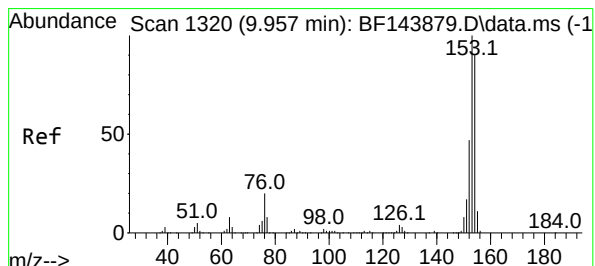
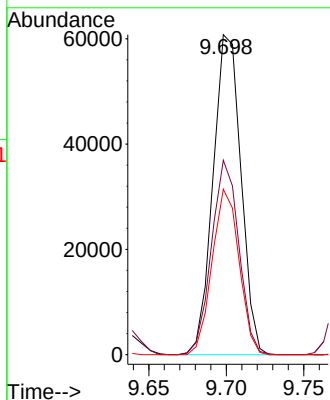
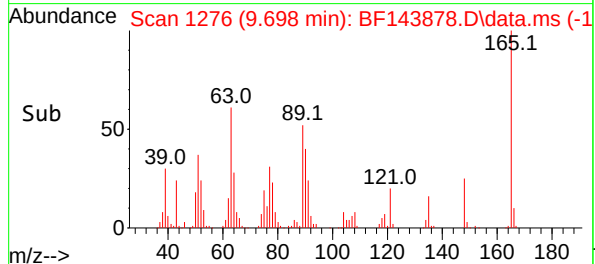
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:165 Resp: 76360  
Ion Ratio Lower Upper  
165 100  
63 60.7 47.3 70.9  
89 51.7 38.2 57.4

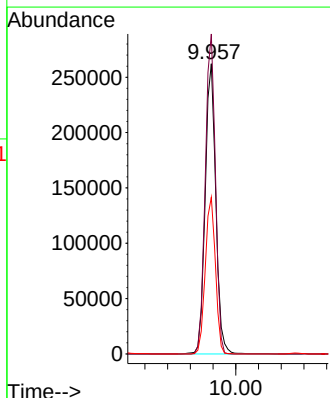
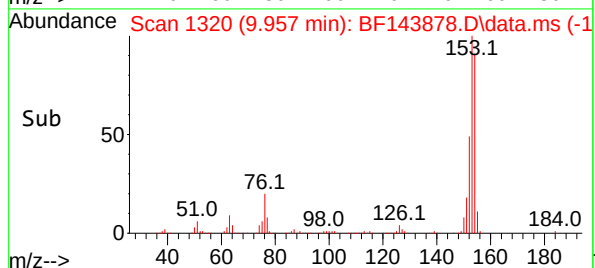
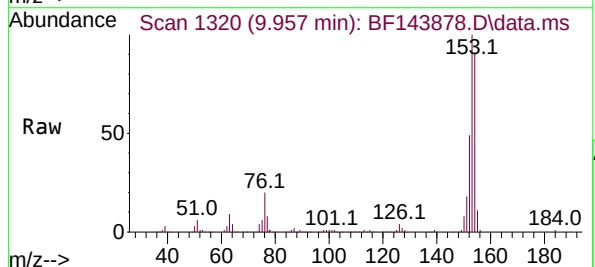
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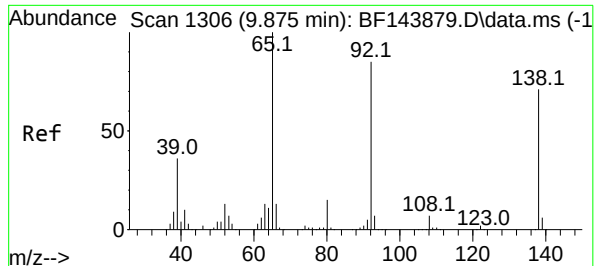
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#52  
Acenaphthene  
Concen: 21.545 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:154 Resp: 341066  
Ion Ratio Lower Upper  
154 100  
153 110.3 89.3 133.9  
152 54.0 42.2 63.2





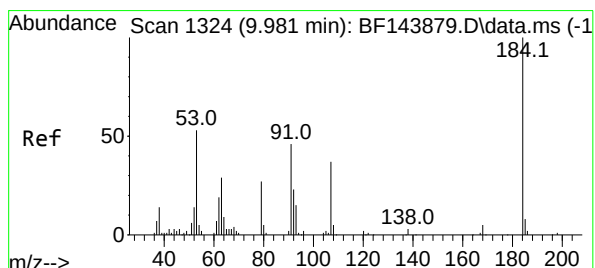
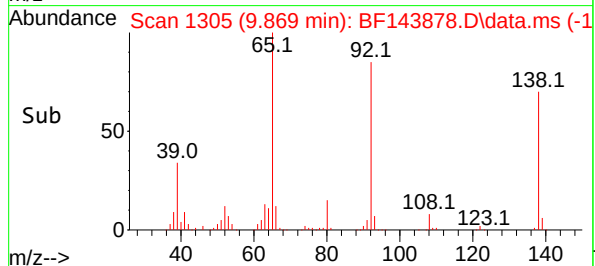
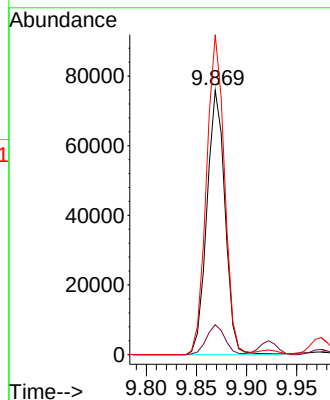
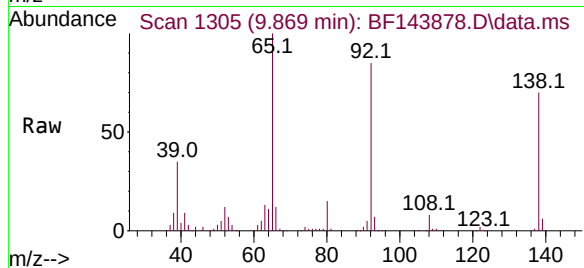
#53  
3-Nitroaniline  
Concen: 21.194 ng  
RT: 9.869 min Scan# 1305  
Delta R.T. -0.018 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:138 Resp: 95127  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.3 12.5  
92 121.0 96.2 144.2

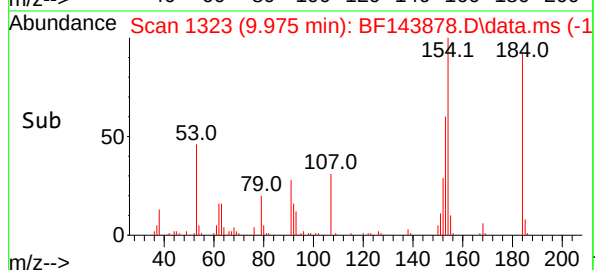
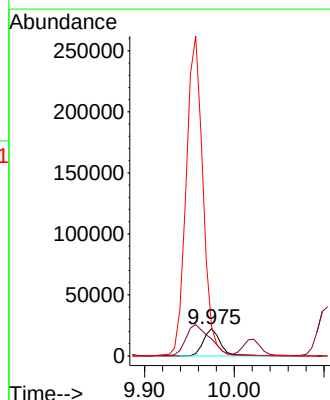
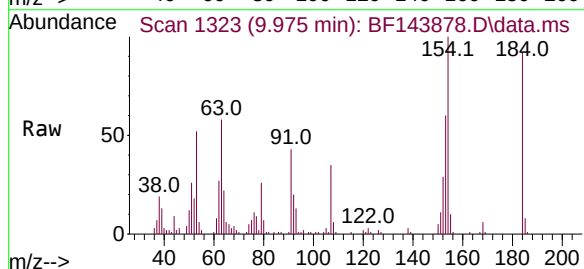
Manual Integrations  
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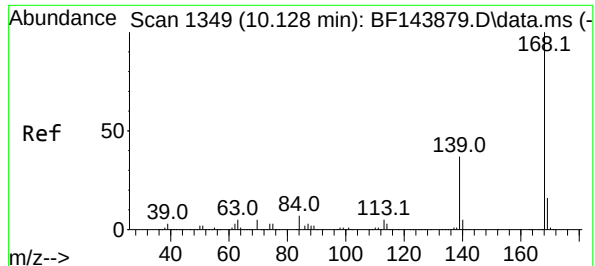
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#54  
2,4-Dinitrophenol  
Concen: 18.734 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.011 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:184 Resp: 29199  
Ion Ratio Lower Upper  
184 100  
63 63.1 48.2 72.4  
154 108.6 49.2 73.8#





#55

Dibenzenofuran

Concen: 21.894 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143878.D

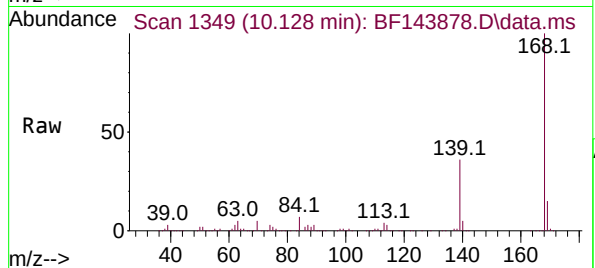
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:168 Resp: 489250

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.8

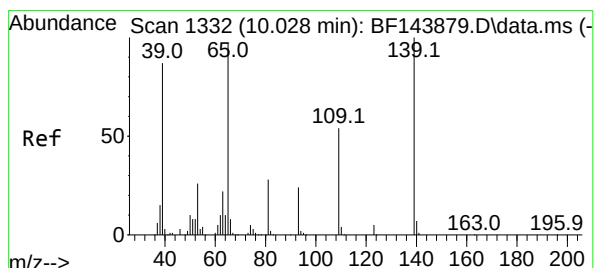
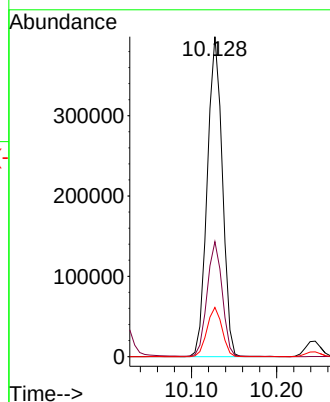
169 15.4 12.8 19.2

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Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 19.694 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.017 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

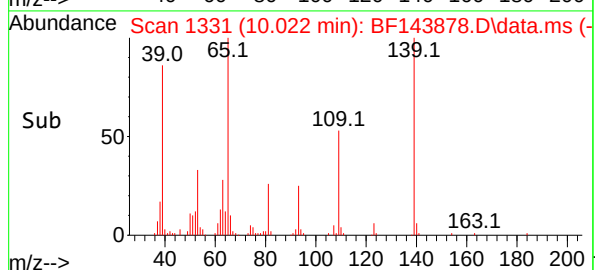
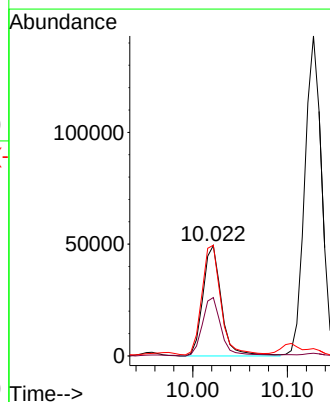
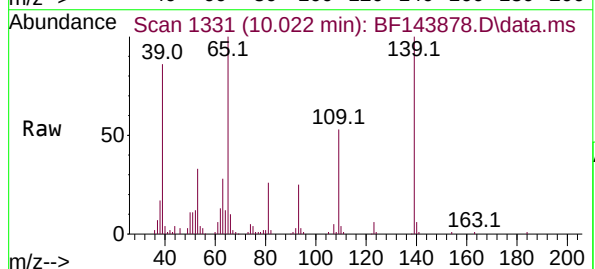
Tgt Ion:139 Resp: 66930

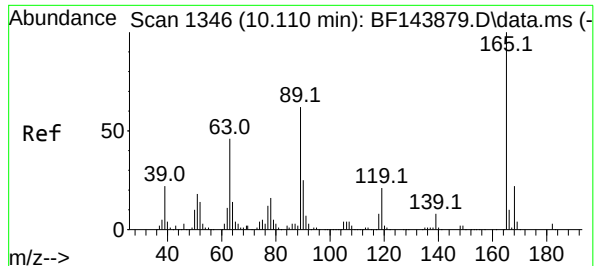
Ion Ratio Lower Upper

139 100

109 52.9 34.5 74.5

65 100.3 77.6 117.6





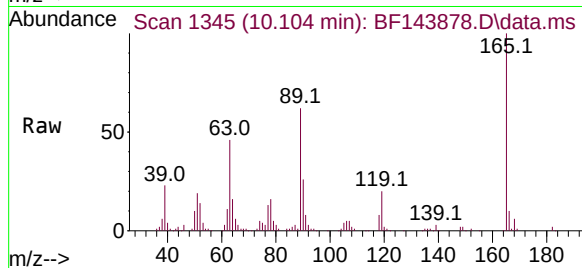
#57  
2,4-Dinitrotoluene  
Concen: 21.280 ng  
RT: 10.104 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

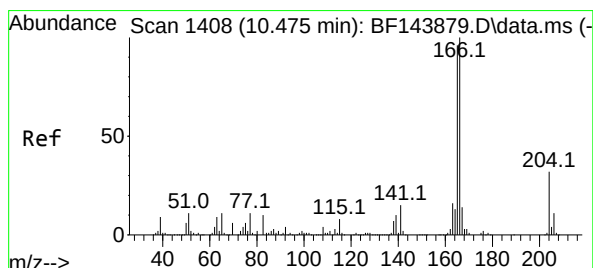
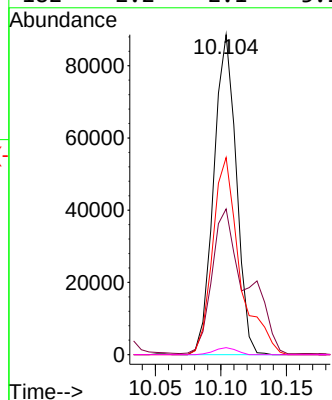
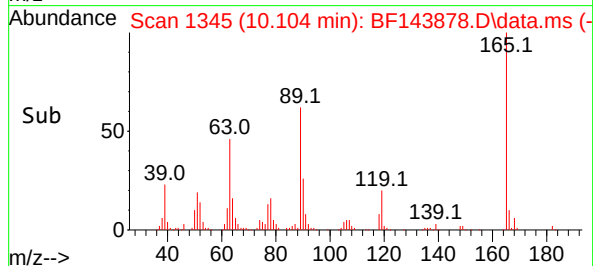


Tgt Ion:165 Resp: 106136  
Ion Ratio Lower Upper  
165 100  
63 45.5 37.2 55.8  
89 61.6 49.4 74.2  
182 2.2 2.1 3.1

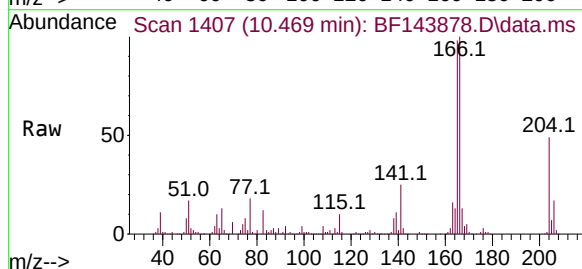
Manual Integrations

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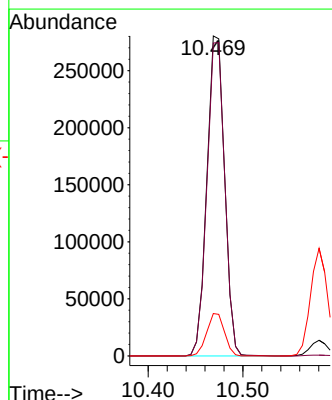
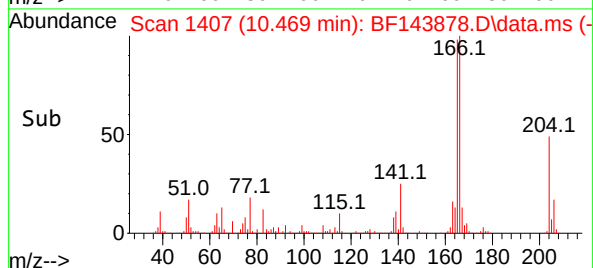
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



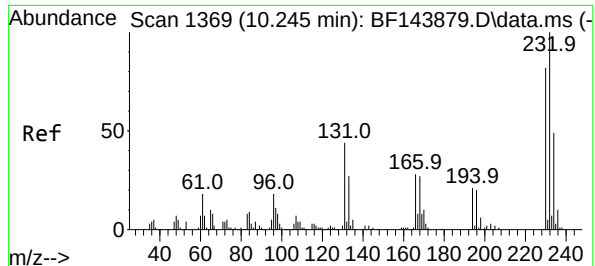
#58  
Fluorene  
Concen: 21.659 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



Tgt Ion:166 Resp: 365206  
Ion Ratio Lower Upper  
166 100  
165 97.8 77.0 115.6  
167 13.2 11.1 16.7

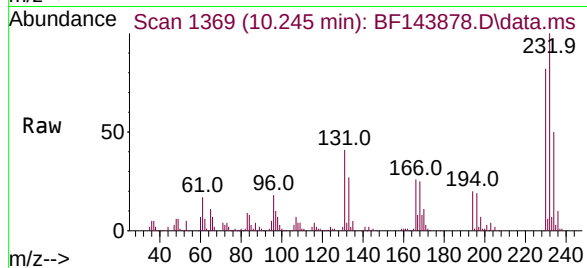






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.869 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

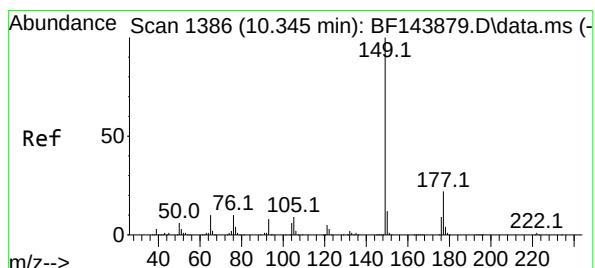
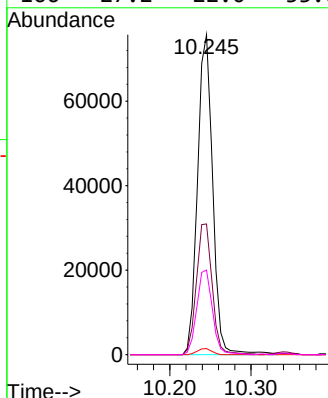
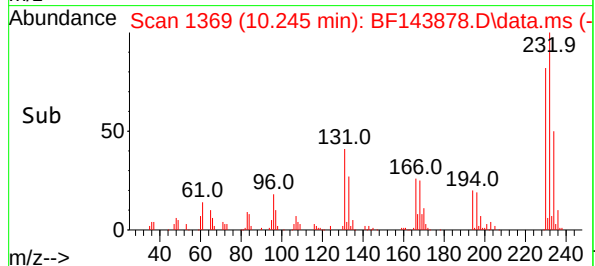
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



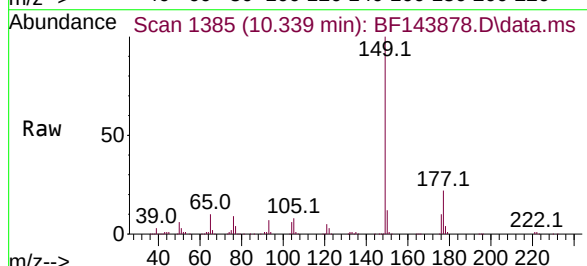
Tgt Ion:232 Resp: 98138  
Ion Ratio Lower Upper  
232 100  
131 42.6 34.9 52.3  
130 1.8 1.6 2.4  
166 27.2 22.0 33.0

Manual Integrations  
APPROVED

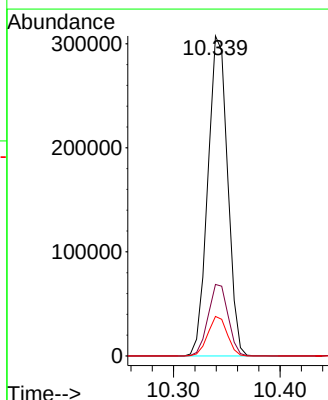
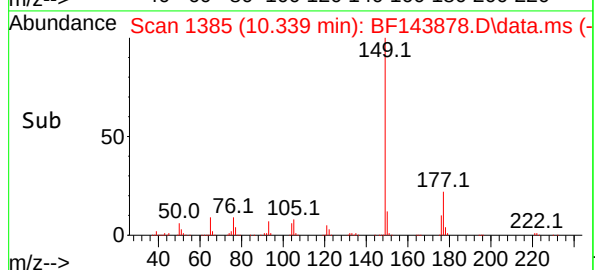
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

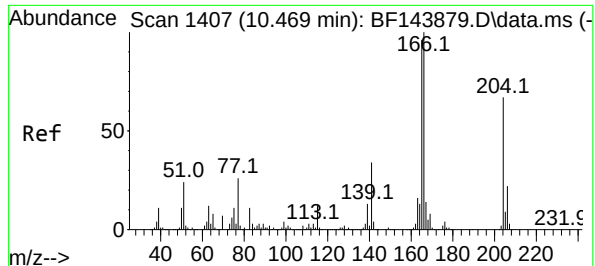


#60  
Diethylphthalate  
Concen: 21.575 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



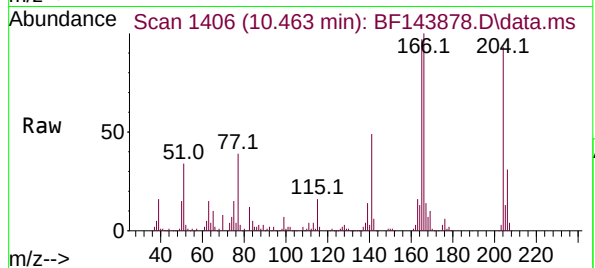
Tgt Ion:149 Resp: 396233  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.9 26.9  
150 12.3 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 21.860 ng  
RT: 10.463 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

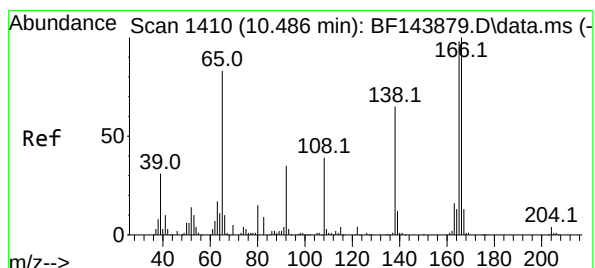
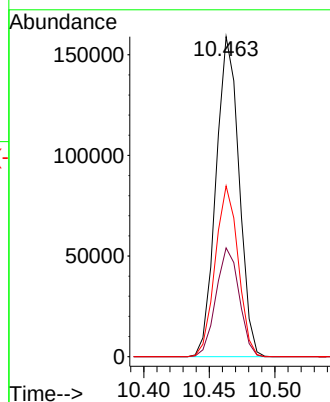
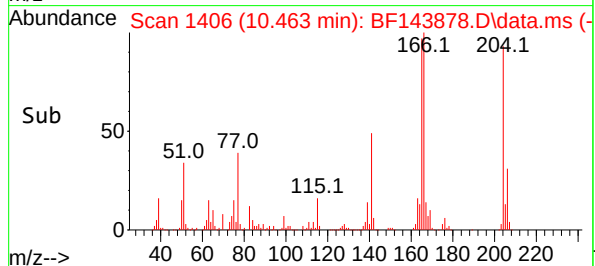
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:204 Resp: 194875  
Ion Ratio Lower Upper  
204 100  
206 34.0 26.6 40.0  
141 53.4 40.4 60.6

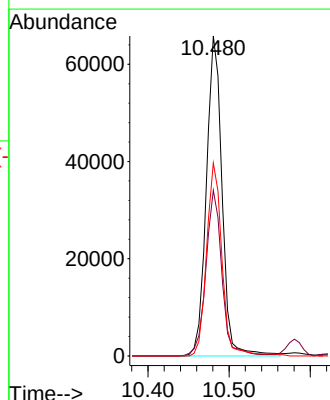
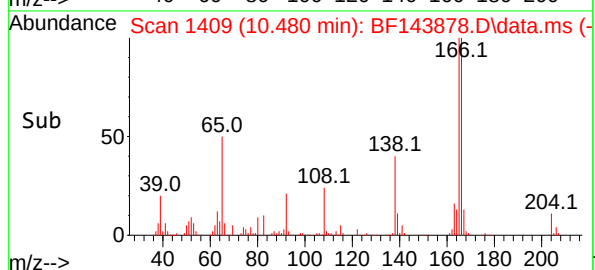
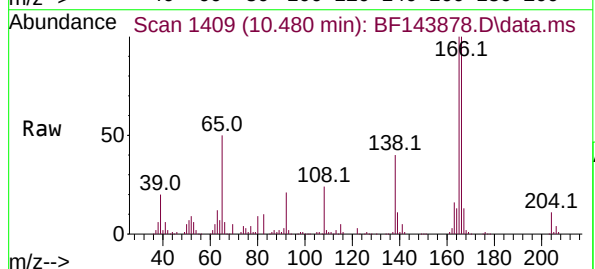
Manual Integrations  
APPROVED

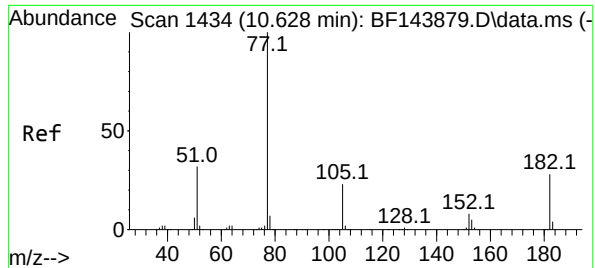
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#62  
4-Nitroaniline  
Concen: 20.526 ng  
RT: 10.480 min Scan# 1409  
Delta R.T. -0.029 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:138 Resp: 88594  
Ion Ratio Lower Upper  
138 100  
92 51.7 33.9 73.9  
108 60.3 40.2 80.2





#63  
Azobenzene  
Concen: 21.218 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

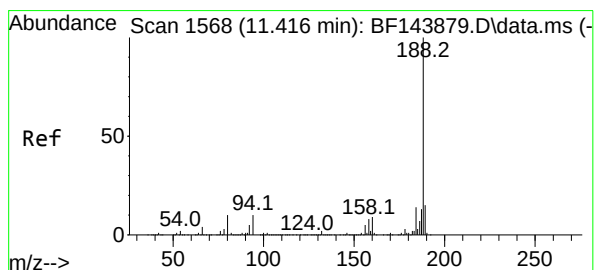
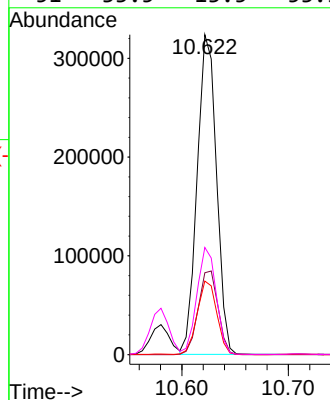
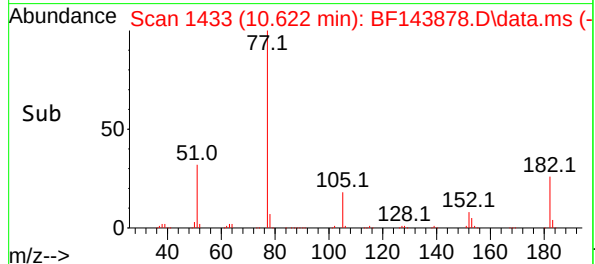
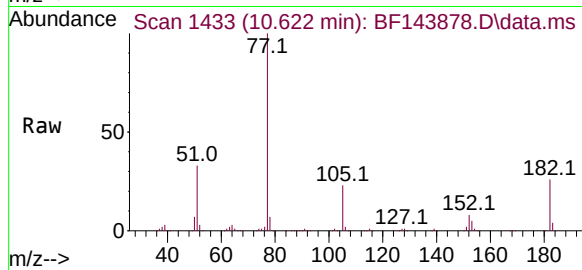
SSTDICC020

Tgt Ion: 77 Resp: 407261  
Ion Ratio Lower Upper  
77 100  
182 25.6 7.3 47.3  
105 23.0 3.0 43.0  
51 33.5 13.5 53.5

Manual Integrations

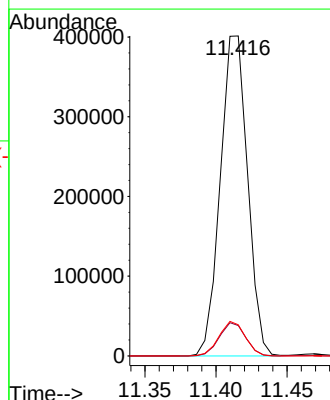
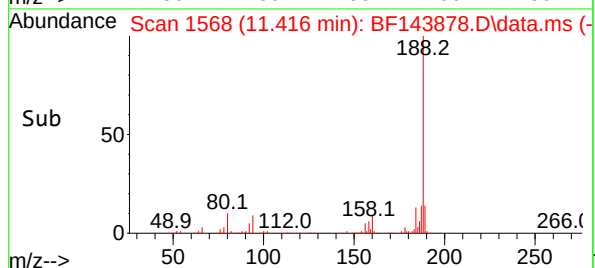
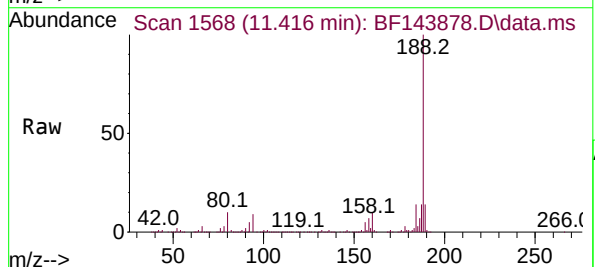
APPROVED

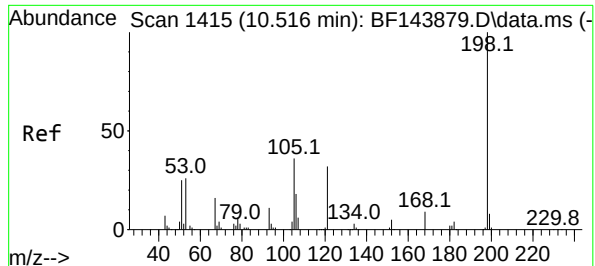
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

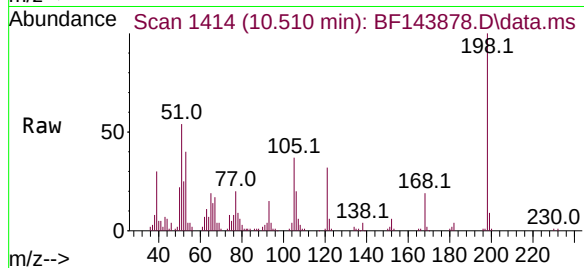
Tgt Ion:188 Resp: 536961  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.8 11.6  
80 9.7 7.9 11.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 18.309 ng  
RT: 10.510 min Scan# 1415  
Delta R.T. -0.023 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

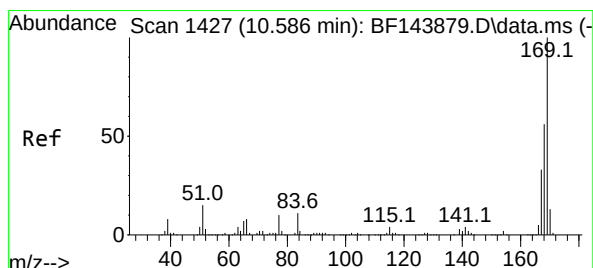
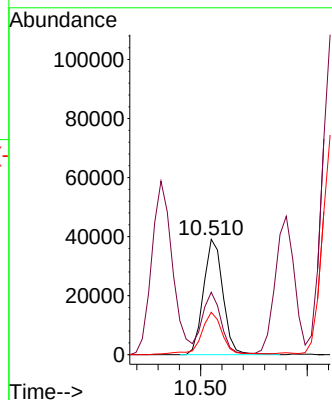
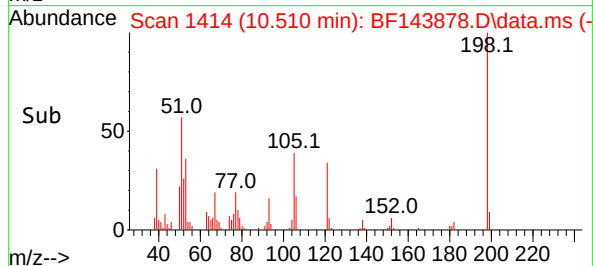
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:198 Resp: 49405  
Ion Ratio Lower Upper  
198 100  
51 54.1 33.8 73.8  
105 36.7 17.0 57.0

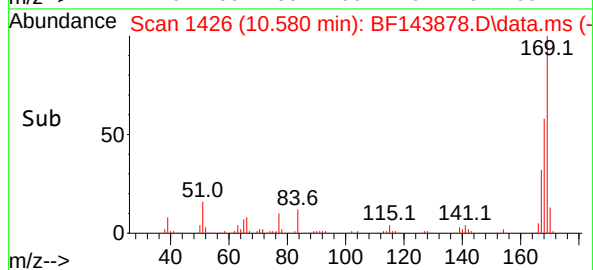
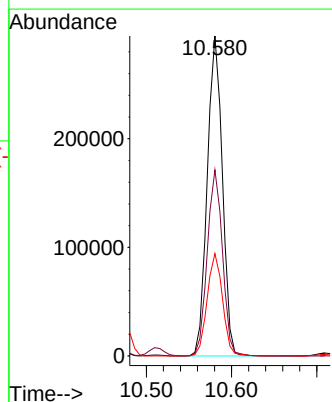
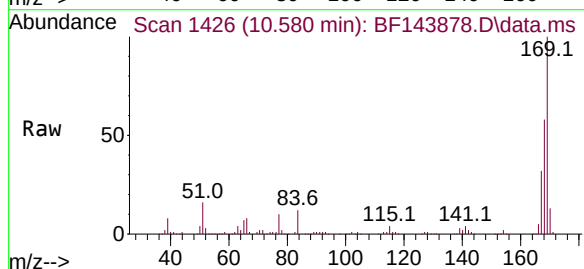
Manual Integrations  
APPROVED

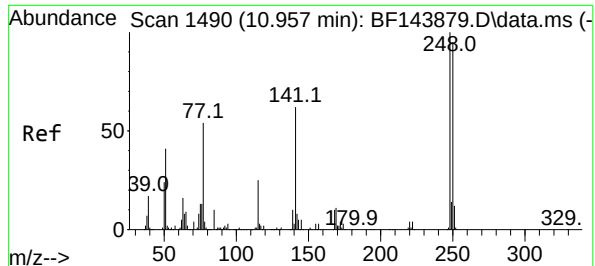
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 21.484 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

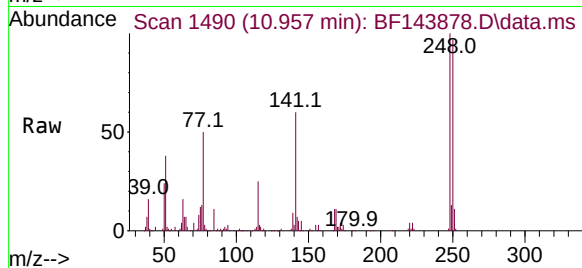
Tgt Ion:169 Resp: 362217  
Ion Ratio Lower Upper  
169 100  
168 58.1 44.9 67.3  
167 32.0 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 20.876 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

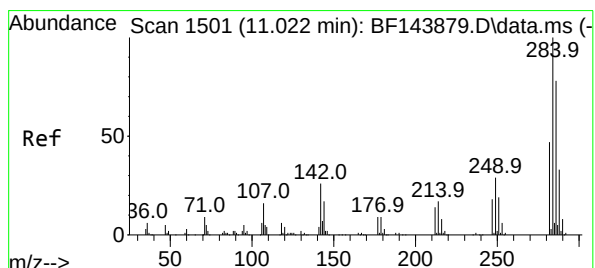
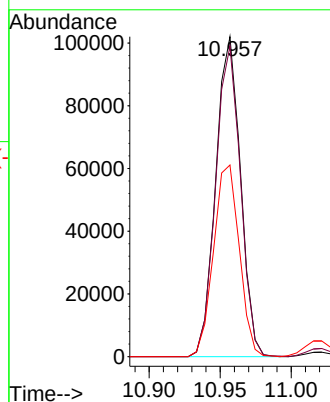
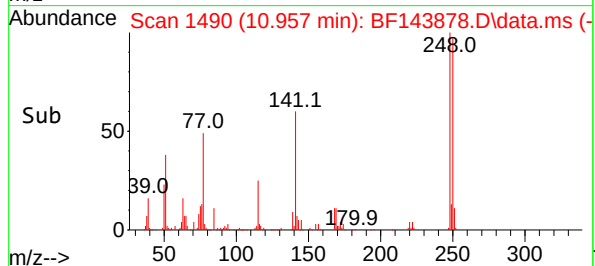
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:248 Resp: 123882  
Ion Ratio Lower Upper  
248 100  
250 97.0 76.3 114.5  
141 59.9 49.7 74.5

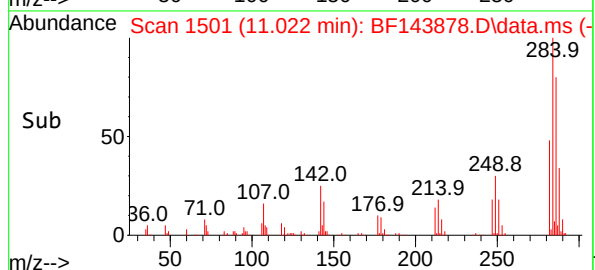
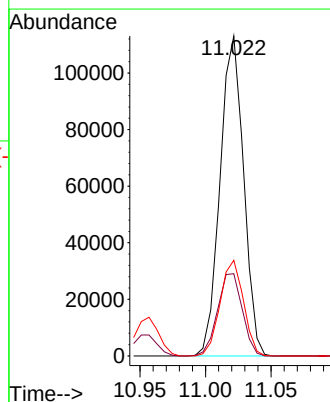
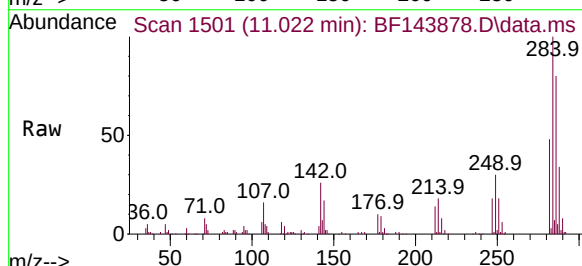
Manual Integrations  
APPROVED

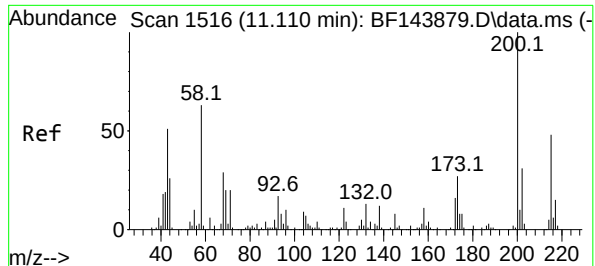
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#68  
Hexachlorobenzene  
Concen: 20.570 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:284 Resp: 141316  
Ion Ratio Lower Upper  
284 100  
142 25.7 20.6 30.8  
249 29.9 23.2 34.8





#69

Atrazine

Concen: 22.405 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 114492

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

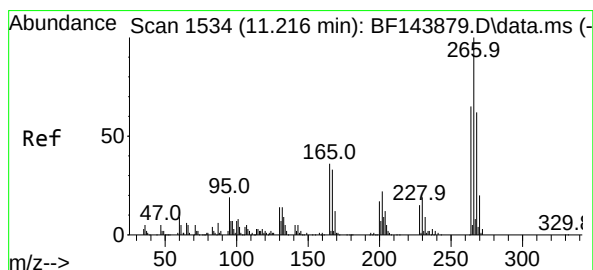
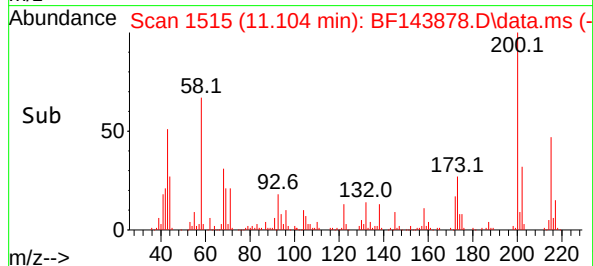
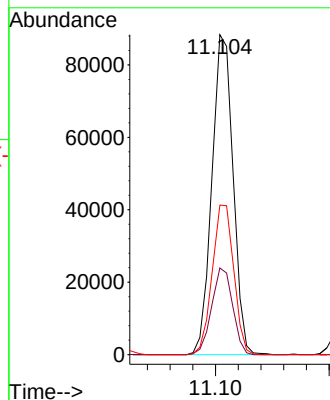
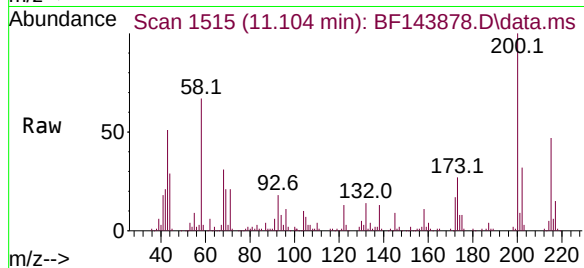
215 46.7 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 20.687 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

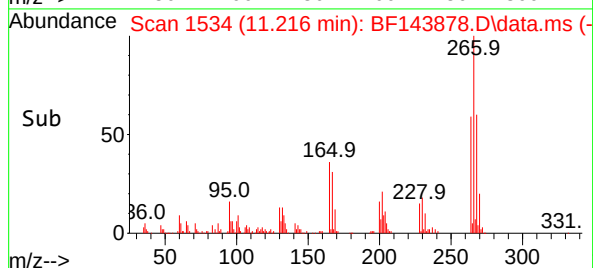
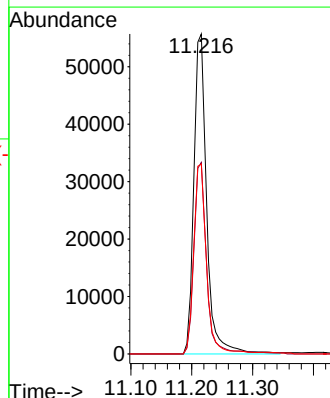
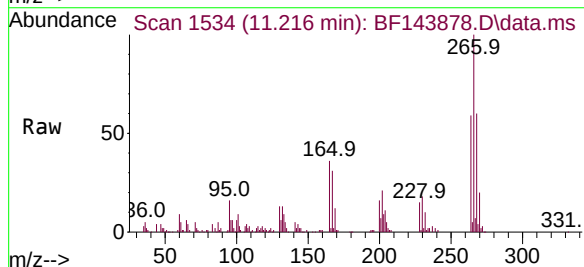
Tgt Ion:266 Resp: 81624

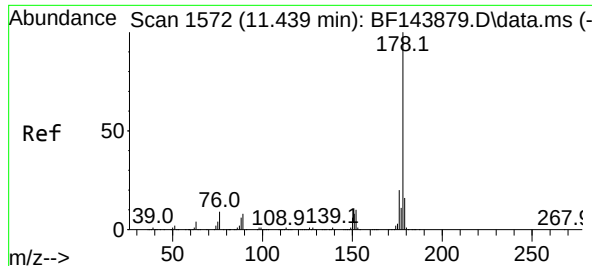
Ion Ratio Lower Upper

266 100

268 59.8 49.4 74.0

264 59.4 51.8 77.6





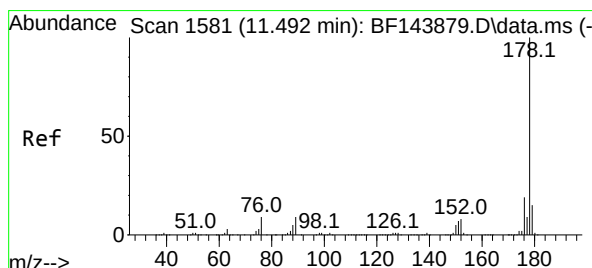
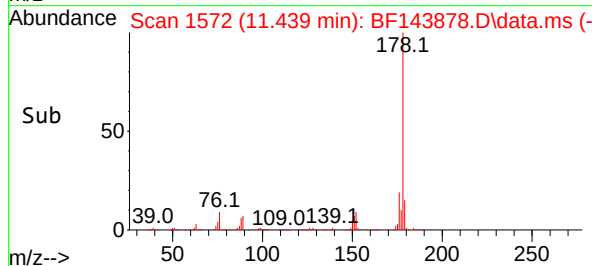
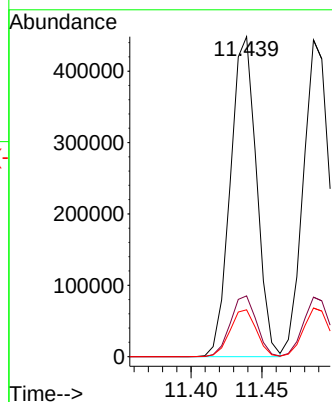
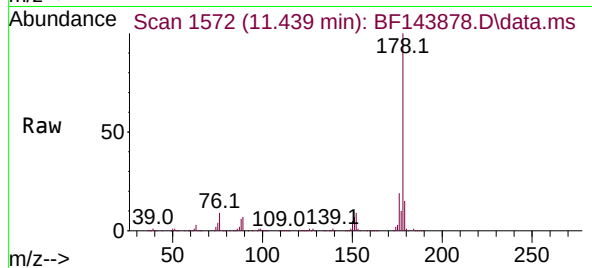
#71  
Phenanthrene  
Concen: 21.979 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020

Tgt Ion:178 Resp: 57215  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.9 23.9  
179 14.6 12.4 18.6

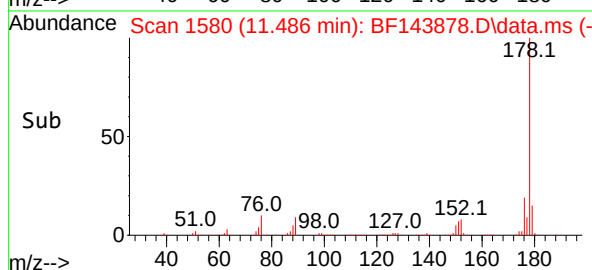
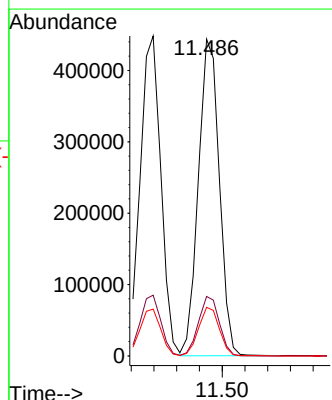
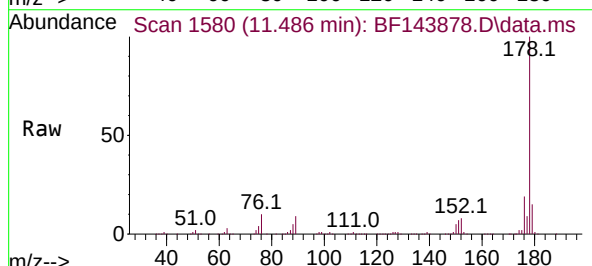
Manual Integrations  
APPROVED

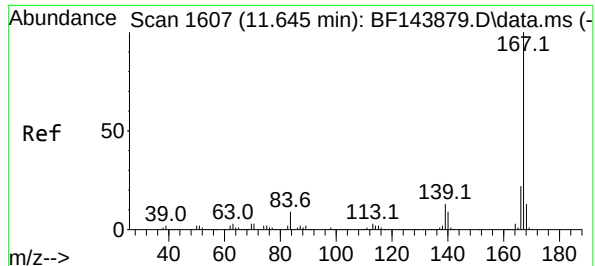
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#72  
Anthracene  
Concen: 21.588 ng  
RT: 11.486 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

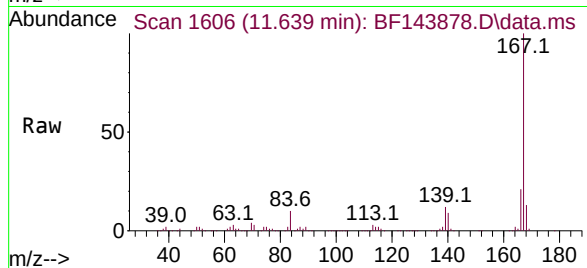
Tgt Ion:178 Resp: 567724  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.9 22.3  
179 15.3 12.2 18.2





#73  
Carbazole  
Concen: 21.651 ng  
RT: 11.639 min Scan# 1606  
Delta R.T. -0.012 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

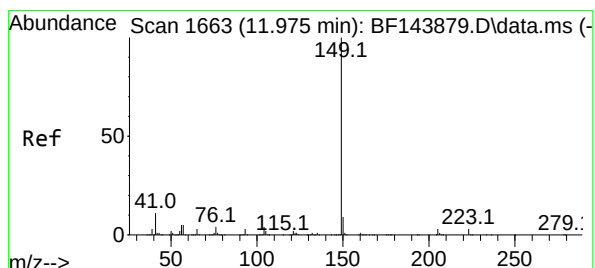
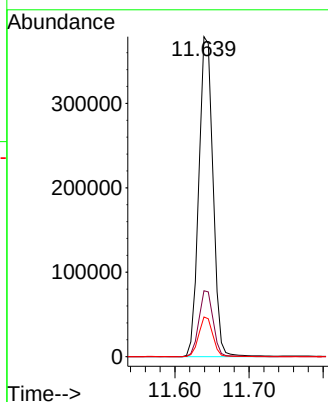
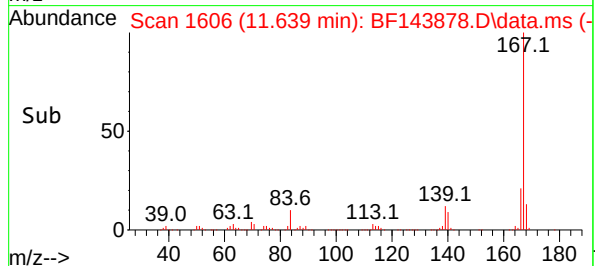
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



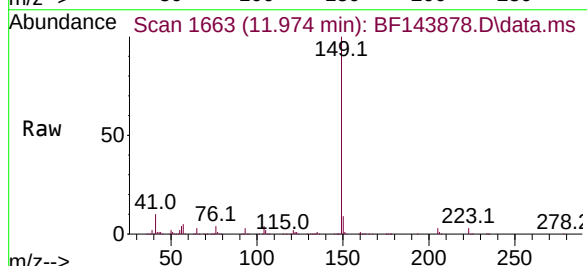
Tgt Ion:167 Resp: 504282  
Ion Ratio Lower Upper  
167 100  
166 20.6 17.2 25.8  
139 12.4 10.1 15.1

Manual Integrations  
APPROVED

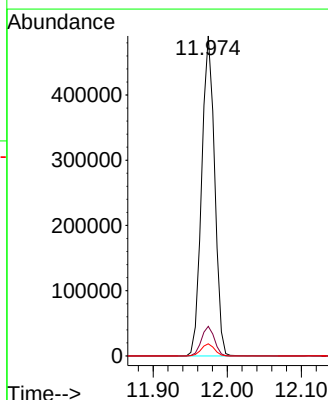
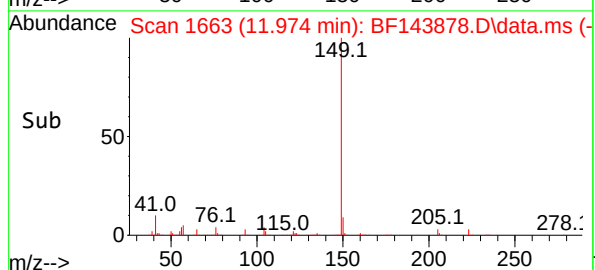
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



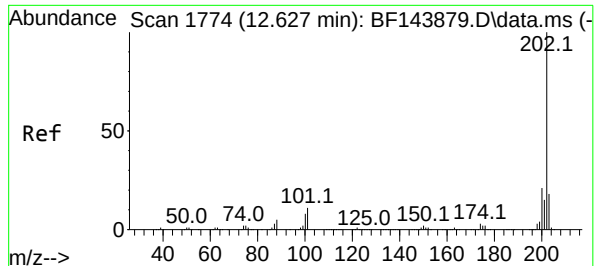
#74  
Di-n-butylphthalate  
Concen: 22.047 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



Tgt Ion:149 Resp: 595140  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 3.8 3.4 5.2

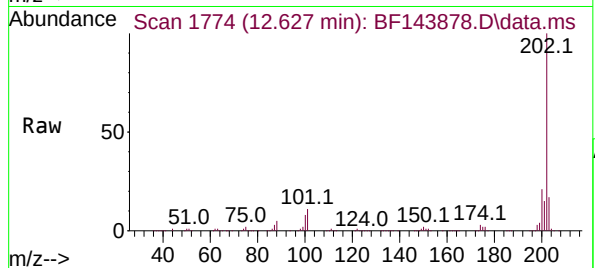






#75  
Fluoranthene  
Concen: 21.843 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

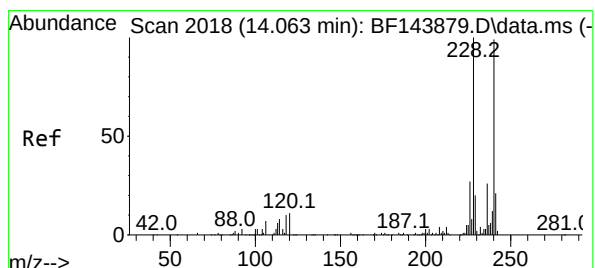
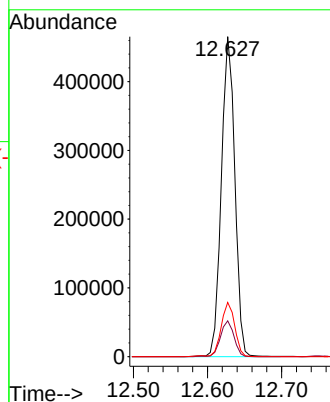
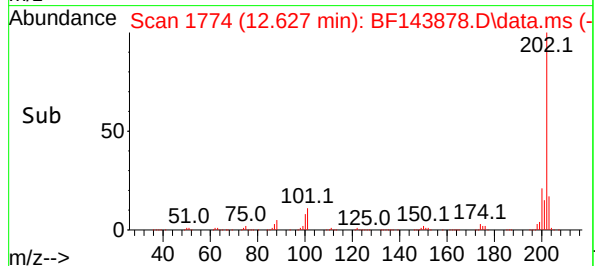
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:202 Resp: 587348  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 30.7  
203 16.9 0.0 37.8

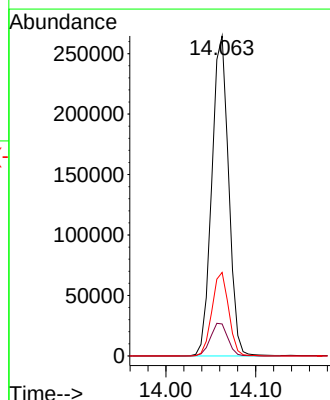
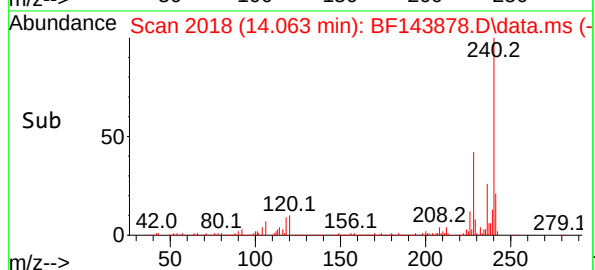
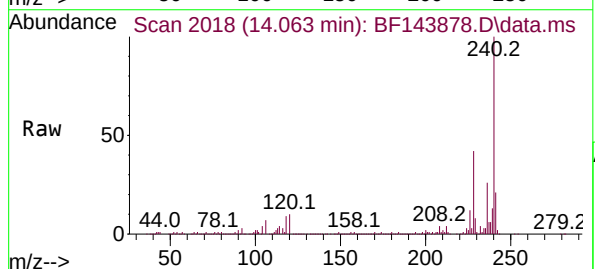
Manual Integrations  
APPROVED

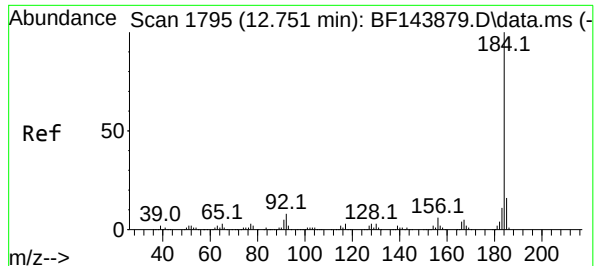
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:240 Resp: 346764  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.6 13.0  
236 26.1 21.1 31.7





#77

Benzidine

Concen: 20.710 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:184 Resp: 249358

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

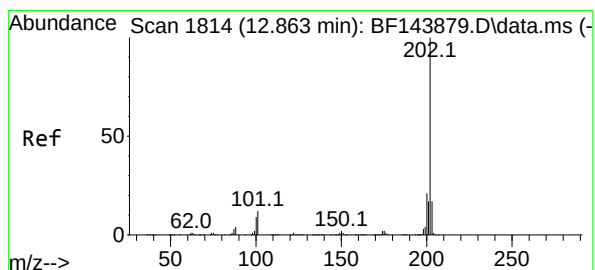
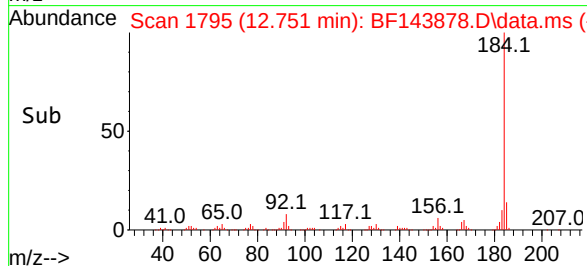
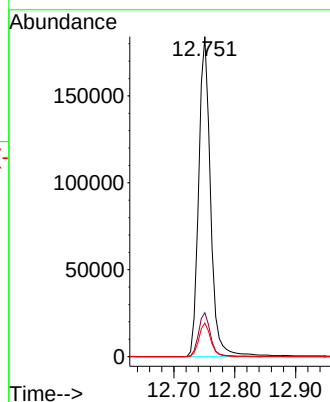
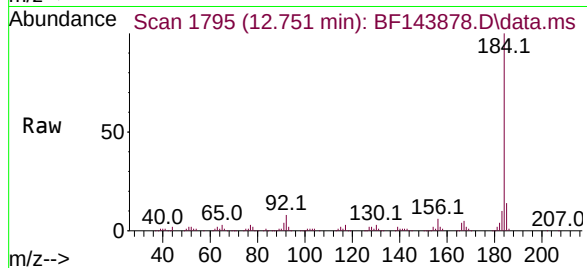
183 10.5 8.8 13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 21.215 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

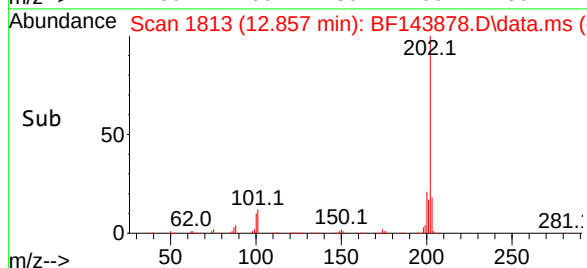
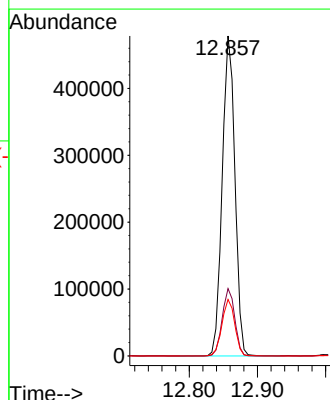
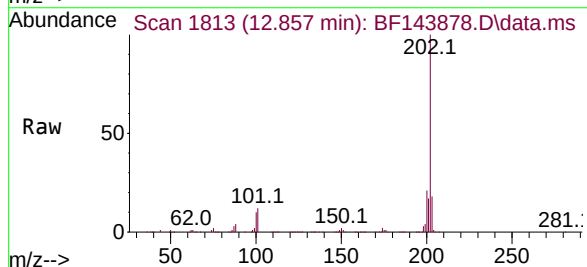
Tgt Ion:202 Resp: 613300

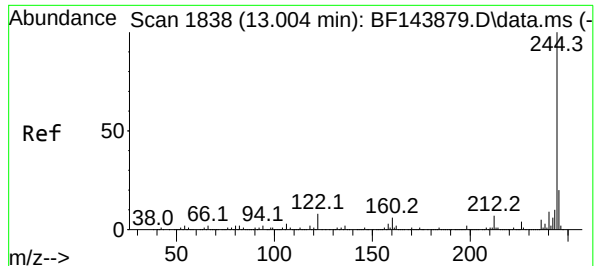
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 43.445 ng

RT: 12.998 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF143878.D

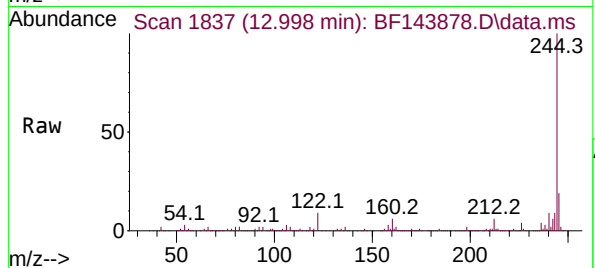
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 881486

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

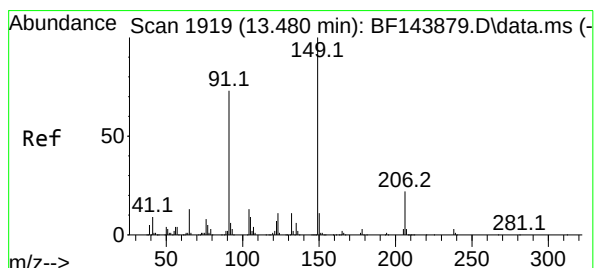
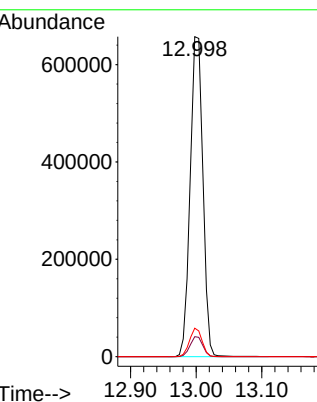
122 8.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 21.391 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

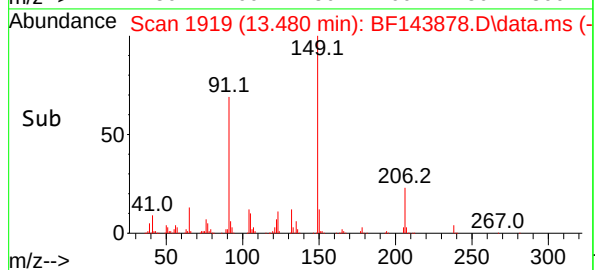
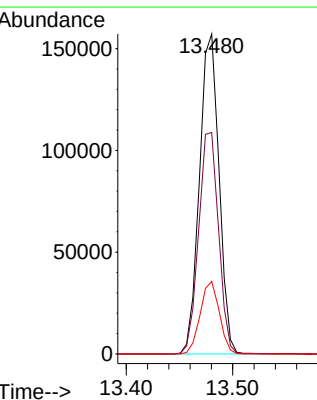
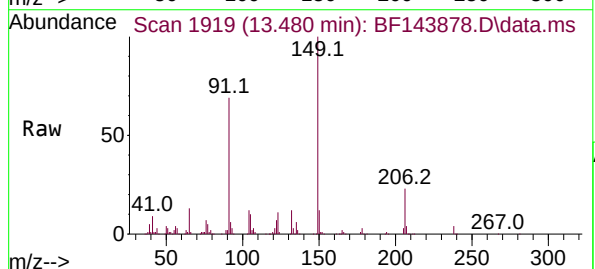
Tgt Ion:149 Resp: 200832

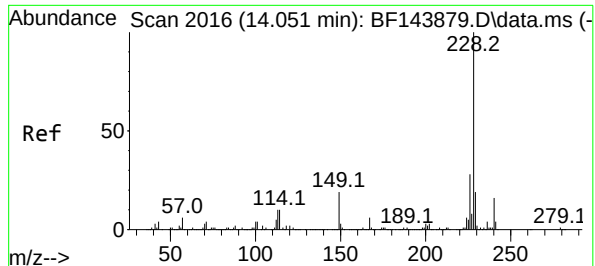
Ion Ratio Lower Upper

149 100

91 69.2 58.2 87.2

206 22.6 17.9 26.9





#81

Benzo(a)anthracene

Concen: 20.693 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 469566

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

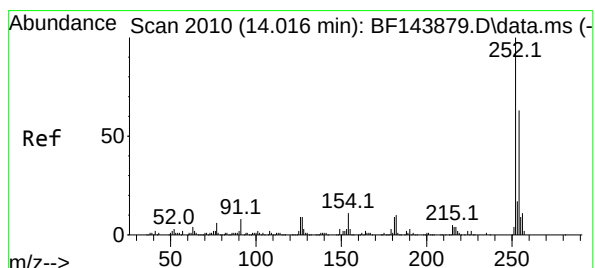
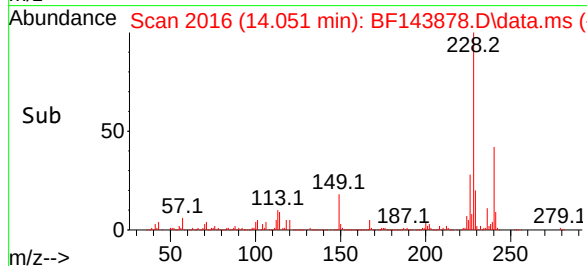
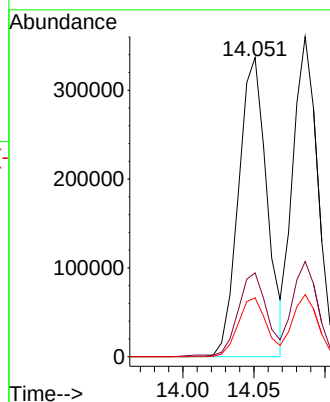
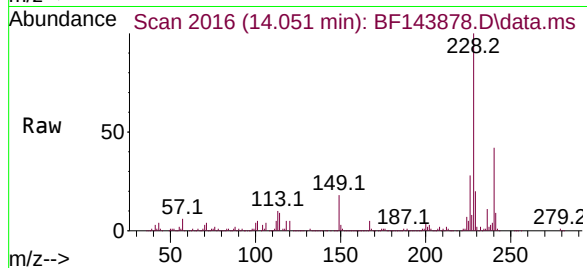
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

Concen: 20.219 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

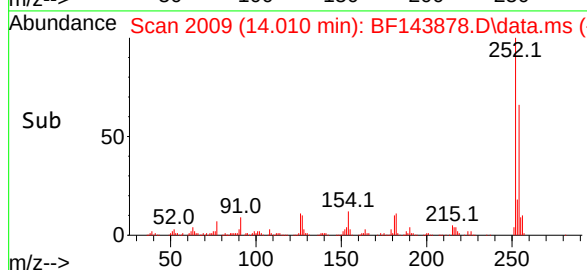
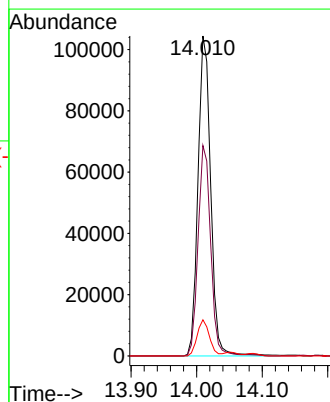
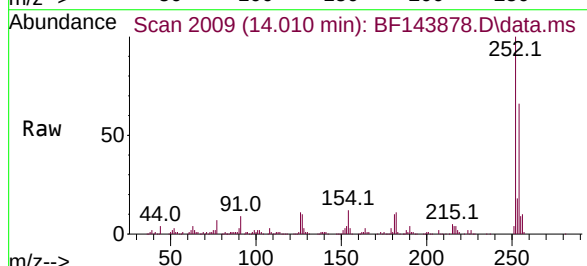
Tgt Ion:252 Resp: 139822

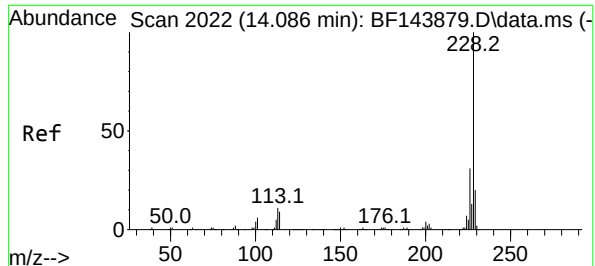
Ion Ratio Lower Upper

252 100

254 65.7 50.6 76.0

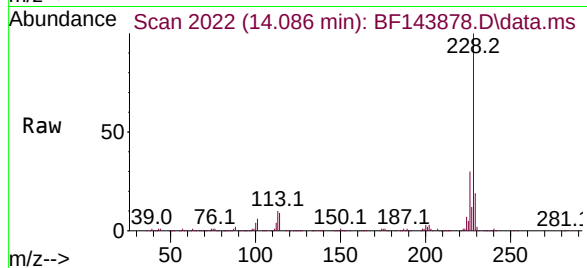
126 11.3 7.0 10.6#





#83  
Chrysene  
Concen: 20.920 ng  
RT: 14.086 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

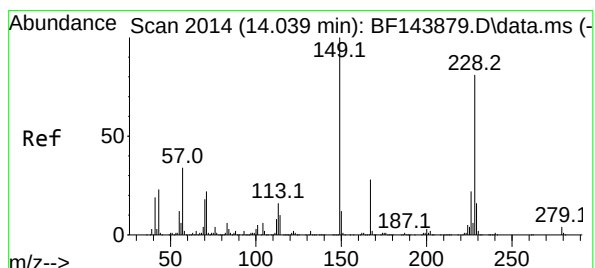
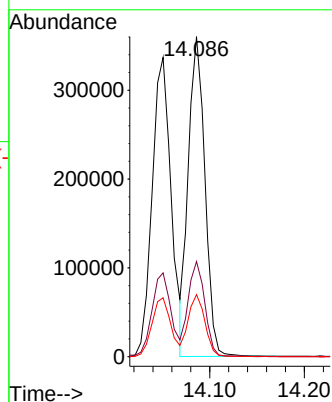
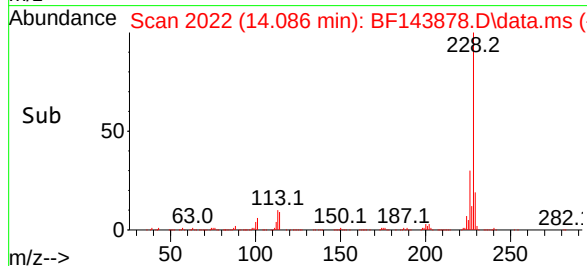
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



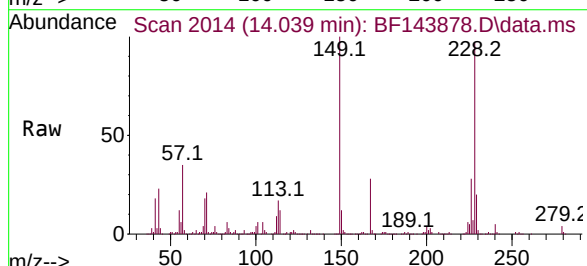
Tgt Ion:228 Resp: 439378  
Ion Ratio Lower Upper  
228 100  
226 29.7 24.4 36.6  
229 19.4 15.9 23.9

Manual Integrations  
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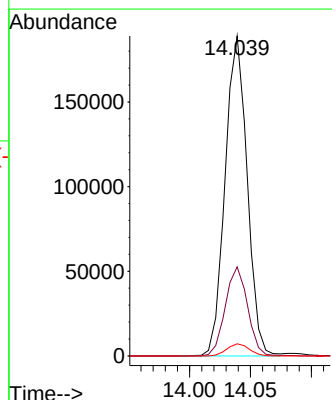
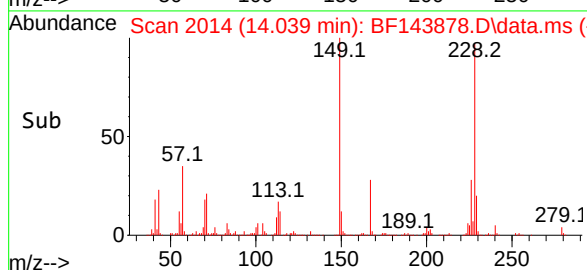
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

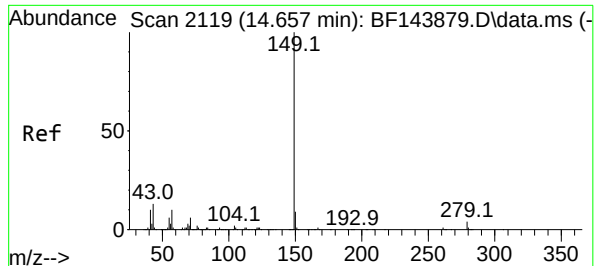


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 21.041 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



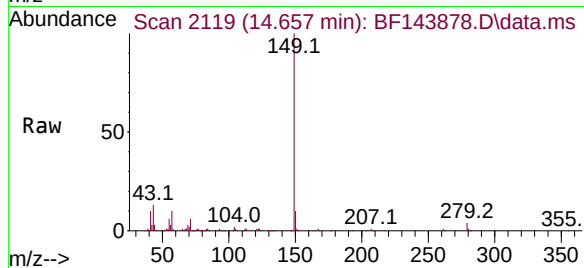
Tgt Ion:149 Resp: 238132  
Ion Ratio Lower Upper  
149 100  
167 27.8 22.2 33.4  
279 3.8 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 18.814 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

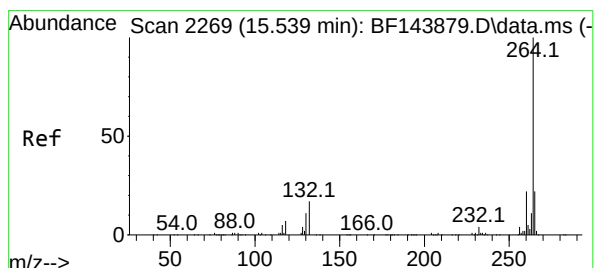
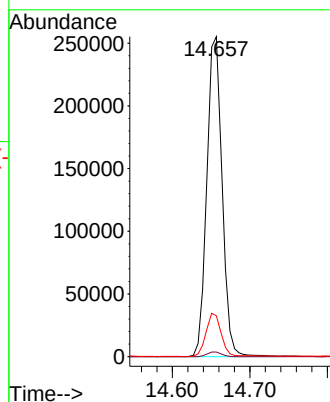
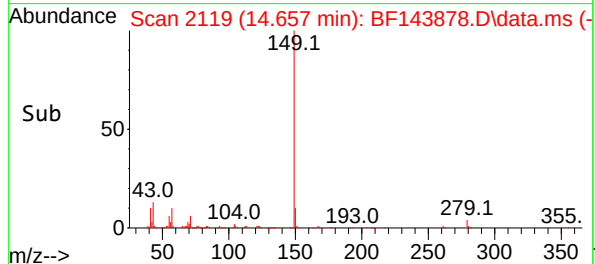
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



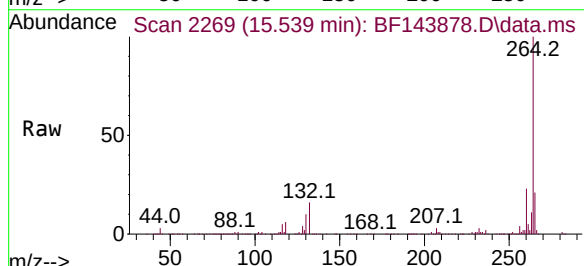
Tgt Ion:149 Resp: 349721  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 13.8 11.0 16.4

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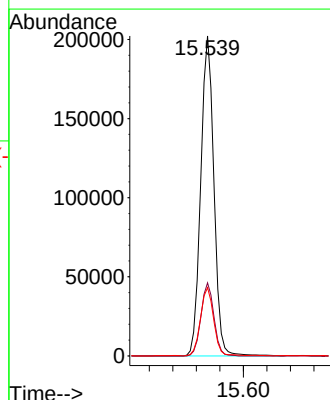
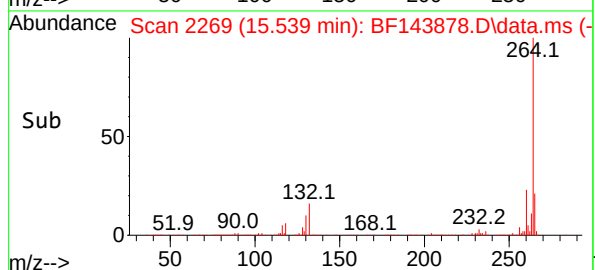
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

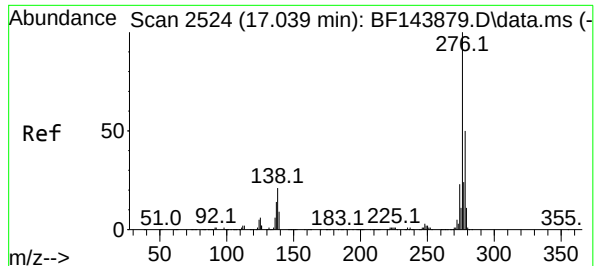


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56



Tgt Ion:264 Resp: 314616  
Ion Ratio Lower Upper  
264 100  
260 22.8 17.8 26.8  
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.942 ng

RT: 17.027 min Scan# 2195

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 38444

Ion Ratio Lower Upper

276 100

138 25.5 18.2 27.2

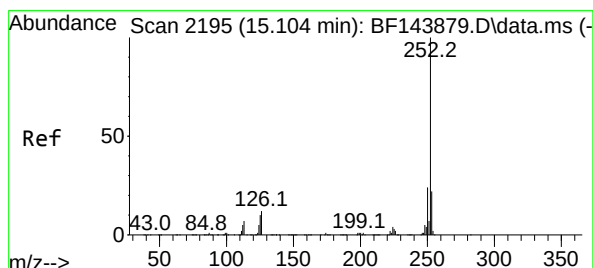
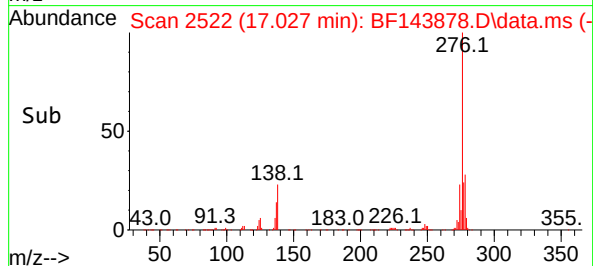
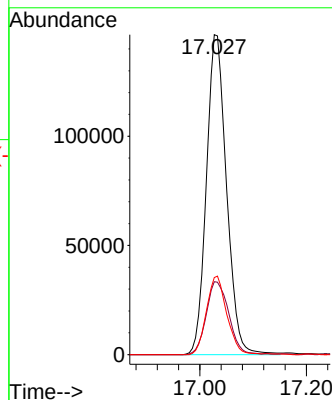
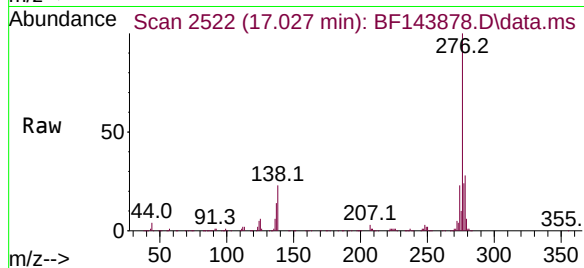
277 25.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#88

Benzo(b)fluoranthene

Concen: 19.692 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

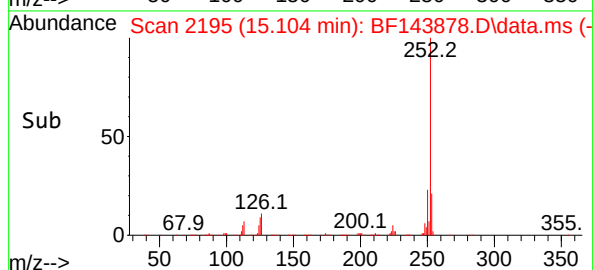
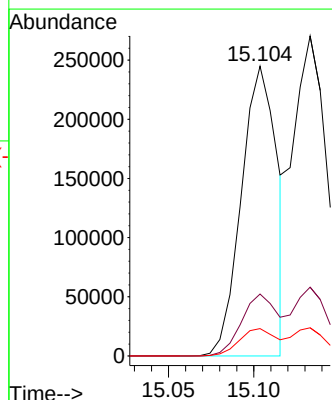
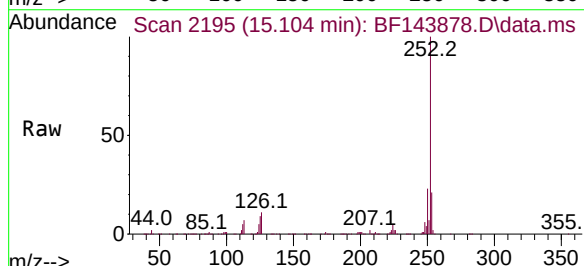
Tgt Ion:252 Resp: 355882

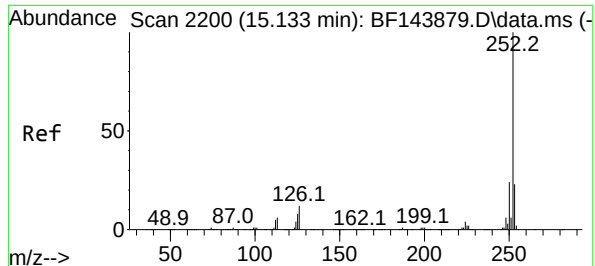
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 23.106 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143878.D

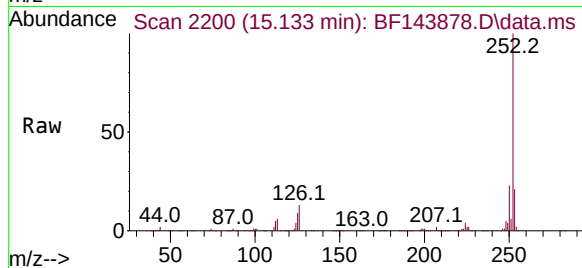
Acq: 06 Oct 2025 11:56

Instrument :

BNA\_F

ClientSampleId :

SSTDICC020



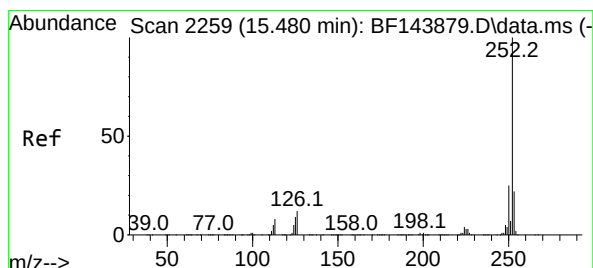
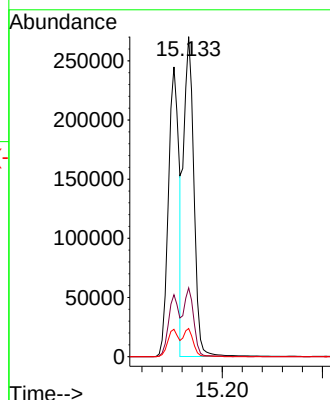
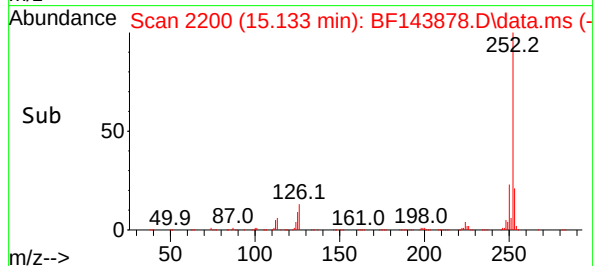
Tgt Ion:252 Resp: 386399  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.8 26.8  
125 8.8 7.4 11.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

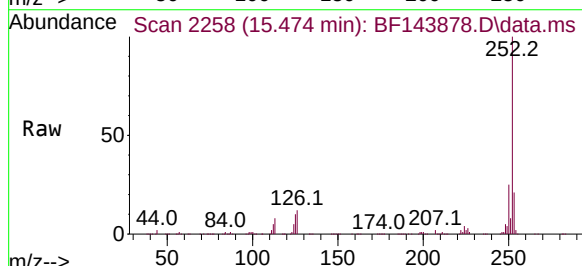
Concen: 20.822 ng

RT: 15.474 min Scan# 2258

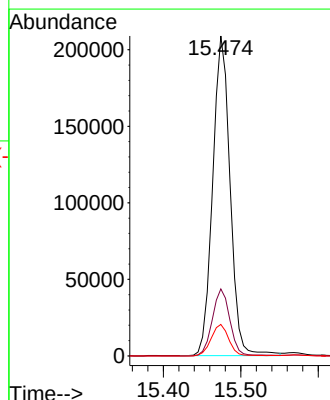
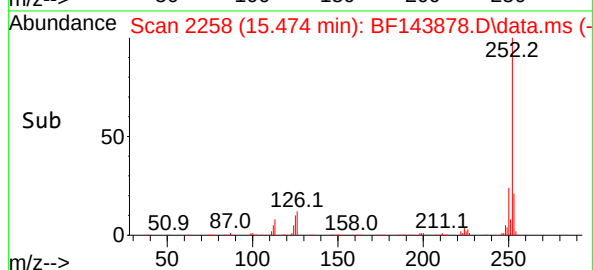
Delta R.T. -0.012 min

Lab File: BF143878.D

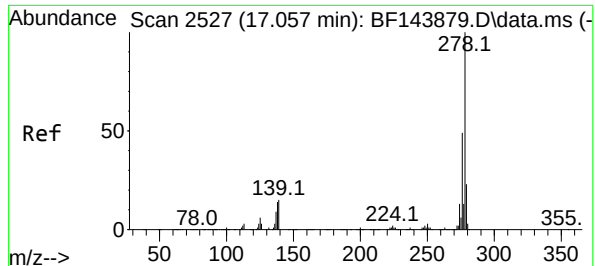
Acq: 06 Oct 2025 11:56



Tgt Ion:252 Resp: 326291  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.3 25.9  
125 9.8 7.0 10.4

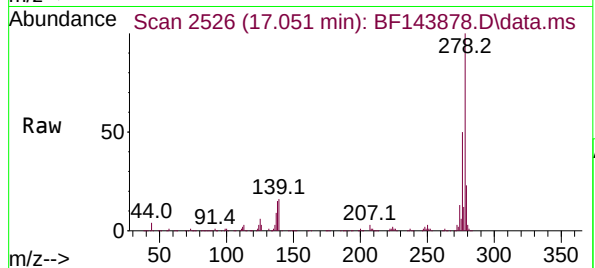






#91  
Dibenzo(a,h)anthracene  
Concen: 20.589 ng  
RT: 17.051 min Scan# 2527  
Delta R.T. -0.029 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

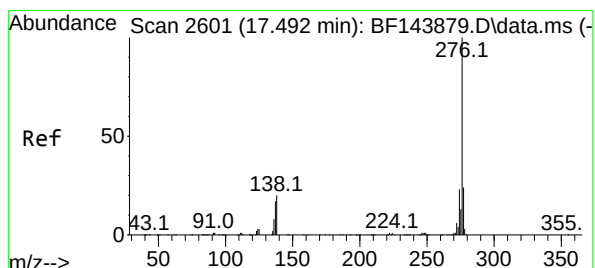
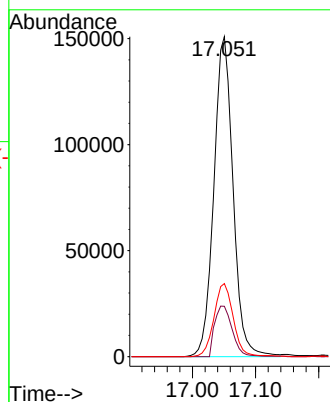
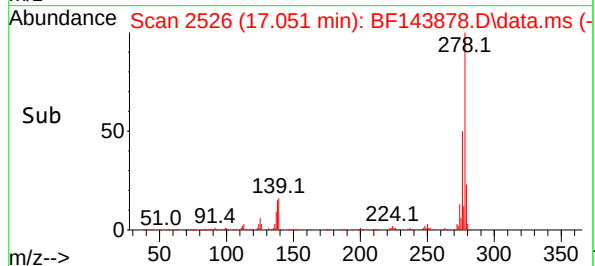
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC020



Tgt Ion:278 Resp: 319216  
Ion Ratio Lower Upper  
278 100  
139 15.7 11.7 17.5  
279 22.8 18.4 27.6

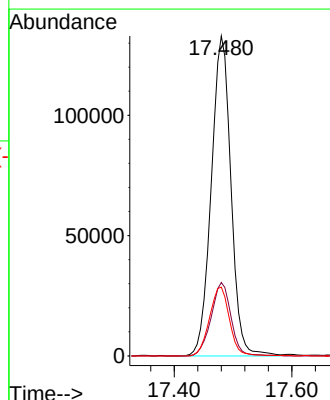
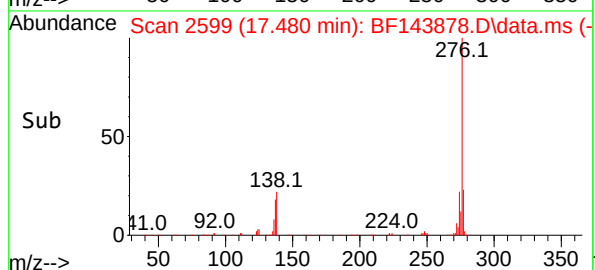
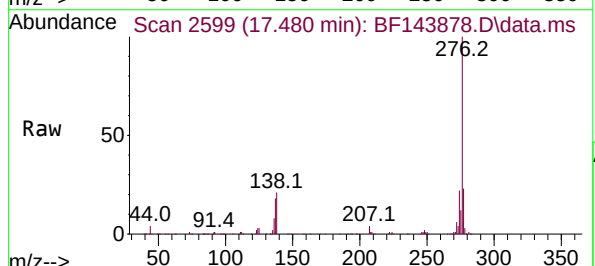
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 19.937 ng  
RT: 17.480 min Scan# 2599  
Delta R.T. -0.035 min  
Lab File: BF143878.D  
Acq: 06 Oct 2025 11:56

Tgt Ion:276 Resp: 309120  
Ion Ratio Lower Upper  
276 100  
277 23.0 19.0 28.6  
138 21.5 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143879.D  
 Acq On : 06 Oct 2025 12:54  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 124152   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 479933   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 260024   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 444949   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 254576   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 250969   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 649121   | 83.027 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 765629   | 82.158 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 662754   | 83.898 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 215478   | 83.200 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1273210  | 77.695 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1302632  | 87.451 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 151157   | 41.781 | ng    | 100      |
| 3) Pyridine                   | 3.410  | 79   | 439985   | 41.775 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 225827   | 40.760 | ng    | 100      |
| 6) Aniline                    | 6.545  | 93   | 581779   | 41.662 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.663  | 128  | 321394   | 42.055 | ng    | 100      |
| 9) Benzaldehyde               | 6.434  | 77   | 330062   | 45.914 | ng    | 100      |
| 10) Phenol                    | 6.516  | 94   | 457250m  | 41.042 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 358980   | 41.712 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 376359   | 41.141 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 372118   | 41.238 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 356137   | 41.204 | ng    | 100      |
| 15) Benzyl Alcohol            | 7.022  | 79   | 291212   | 41.707 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 804199   | 41.052 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 261669   | 41.430 | ng    | 100      |
| 18) Hexachloroethane          | 7.398  | 117  | 124325   | 41.313 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 254701   | 39.929 | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 314281   | 42.934 | ng    | 100      |
| 22) Acetophenone              | 7.292  | 105  | 415513   | 40.946 | ng    | 100      |
| 24) Nitrobenzene              | 7.463  | 77   | 375708   | 42.828 | ng    | 100      |
| 25) Isophorone                | 7.704  | 82   | 677007   | 40.645 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.781  | 139  | 167096   | 44.428 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 282923   | 41.818 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 425986   | 40.486 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 294452   | 41.782 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 286330   | 41.312 | ng    | 100      |
| 31) Naphthalene               | 8.187  | 128  | 894263   | 40.961 | ng    | 100      |
| 32) Benzoic acid              | 7.916  | 122  | 199609m  | 42.630 | ng    |          |
| 33) 4-Chloroaniline           | 8.234  | 127  | 340866   | 41.630 | ng    | 100      |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 198282   | 41.170 | ng    | 100      |
| 35) Caprolactam               | 8.604  | 113  | 91458    | 40.816 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 275908   | 40.758 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 591428   | 40.669 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 581114   | 41.196 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 306622   | 42.665 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 133694   | 44.842 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 231469   | 44.081 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143879.D  
 Acq On : 06 Oct 2025 12:54  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:38:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 237161   | 42.739 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 714293   | 41.490 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 591442   | 41.204 | ng    | 100      |
| 48) 2-Nitroaniline            | 9.463  | 65   | 203733   | 44.894 | ng    | 100      |
| 49) Acenaphthylene            | 9.786  | 152  | 844067   | 41.828 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 671290   | 40.653 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 136198   | 44.481 | ng    | 100      |
| 52) Acenaphthene              | 9.957  | 154  | 547286   | 41.390 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 159366   | 42.507 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 62187    | 37.010 | ng    | 100      |
| 55) Dibenzofuran              | 10.128 | 168  | 776950   | 41.625 | ng    | 100      |
| 56) 4-Nitrophenol             | 10.028 | 139  | 121519   | 42.807 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 189965   | 45.597 | ng    | 100      |
| 58) Fluorene                  | 10.475 | 166  | 570508   | 40.506 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 168932   | 43.006 | ng    | 100      |
| 60) Diethylphthalate          | 10.345 | 149  | 635433   | 41.422 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 310008   | 41.632 | ng    | 100      |
| 62) 4-Nitroaniline            | 10.486 | 138  | 151866   | 42.123 | ng    | 100      |
| 63) Azobenzene                | 10.628 | 77   | 665698   | 41.521 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 98551    | 44.075 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 583617   | 41.773 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 205559   | 41.803 | ng    | 100      |
| 68) Hexachlorobenzene         | 11.022 | 284  | 237363   | 41.695 | ng    | 100      |
| 69) Atrazine                  | 11.110 | 200  | 173212   | 40.905 | ng    | 100      |
| 70) Pentachlorophenol         | 11.216 | 266  | 140140   | 42.862 | ng    | 100      |
| 71) Phenanthrene              | 11.439 | 178  | 868592   | 40.266 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 912011   | 41.850 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 786783   | 40.765 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 936899   | 41.884 | ng    | 100      |
| 75) Fluoranthene              | 12.627 | 202  | 918503   | 41.223 | ng    | 100      |
| 77) Benzidine                 | 12.751 | 184  | 387464   | 43.833 | ng    | 100      |
| 78) Pyrene                    | 12.863 | 202  | 948521   | 44.692 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 315716   | 45.804 | ng    | 100      |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 711609   | 42.715 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 224071   | 44.135 | ng    | 100      |
| 83) Chrysene                  | 14.086 | 228  | 658639   | 42.717 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 376273   | 45.286 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 608123   | 44.561 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.039 | 276  | 699234   | 45.470 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 636888   | 44.178 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 556111   | 41.688 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 553098   | 44.246 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 17.057 | 278  | 566134   | 45.774 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.492 | 276  | 560761   | 45.340 | ng    | 100      |

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

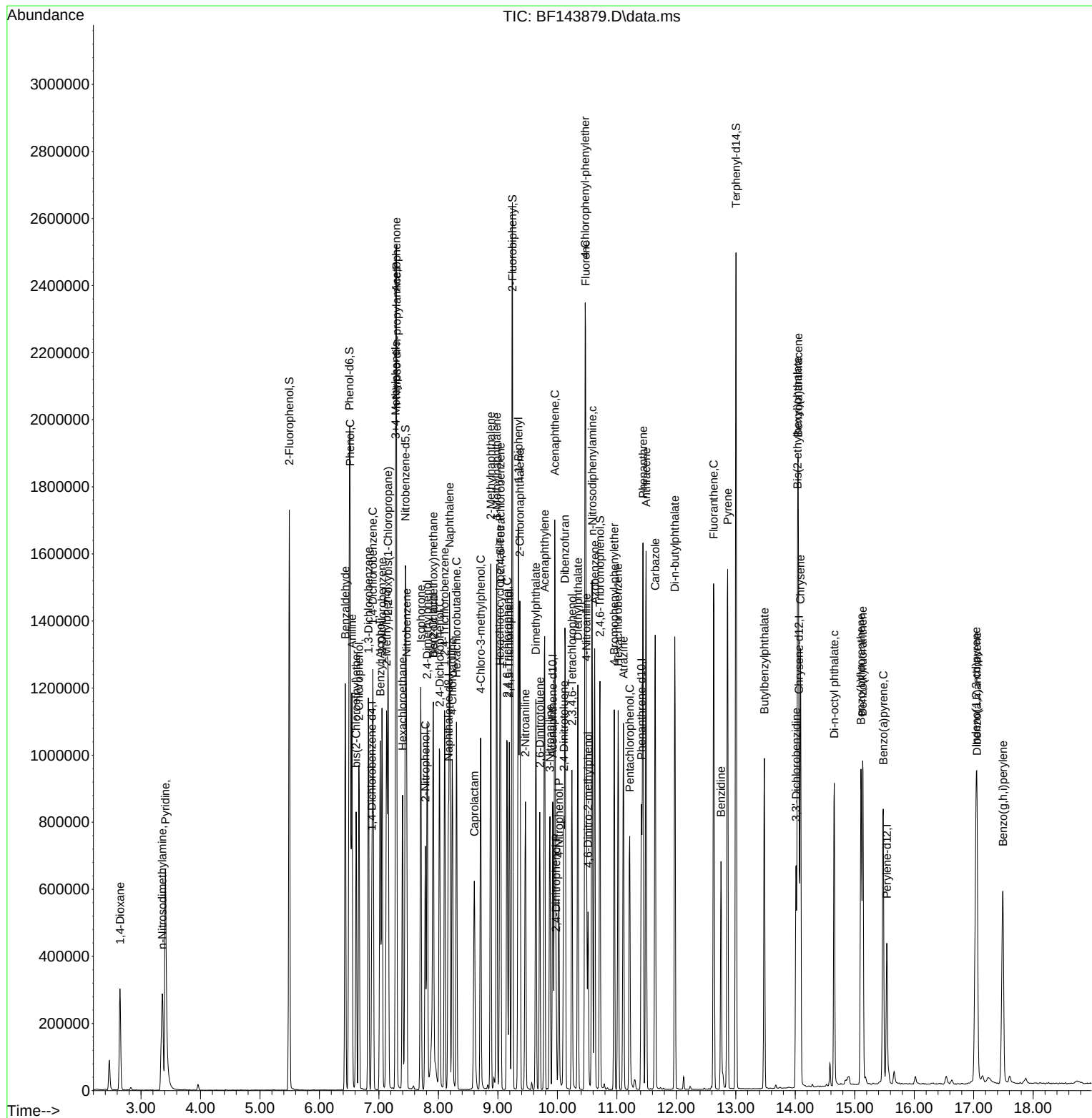
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Data File : BF143879.D  
Acq On    : 06 Oct 2025  12:54  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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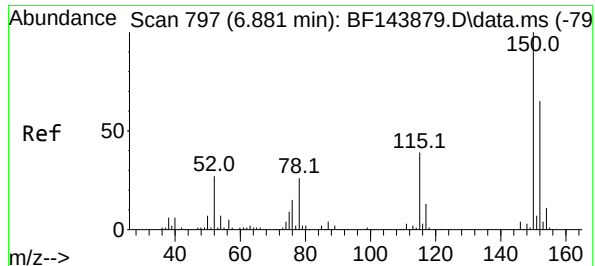
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICCC040

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

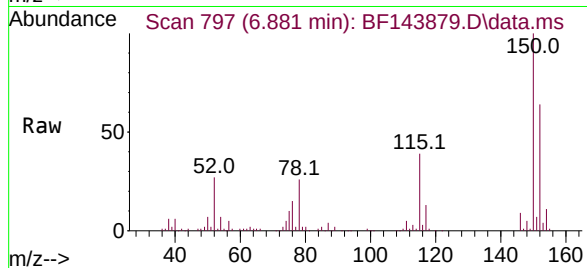
Quant Time: Oct 06 15:38:31 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

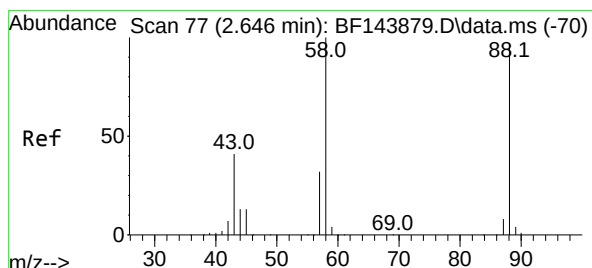
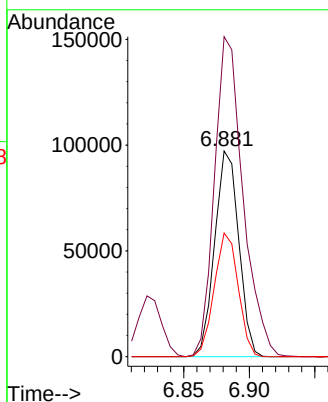
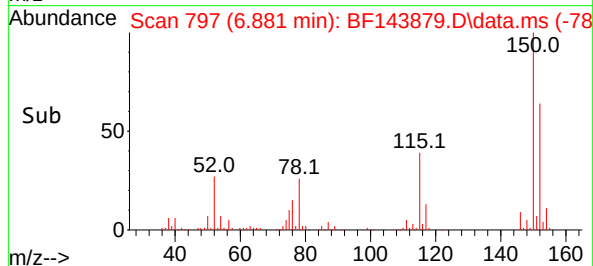
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:152 Resp: 124152  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.4 186.6  
115 60.1 48.1 72.1

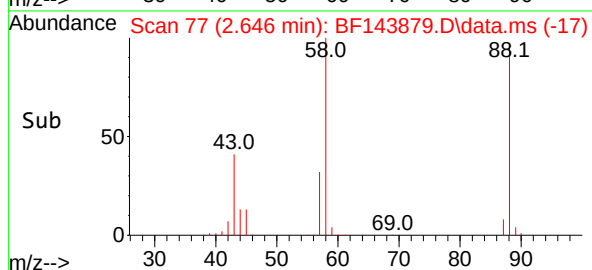
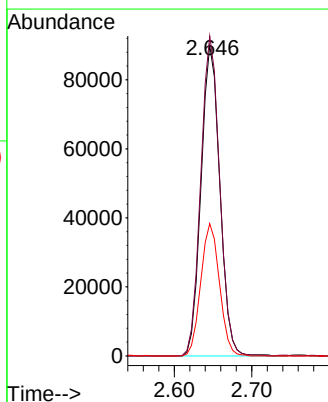
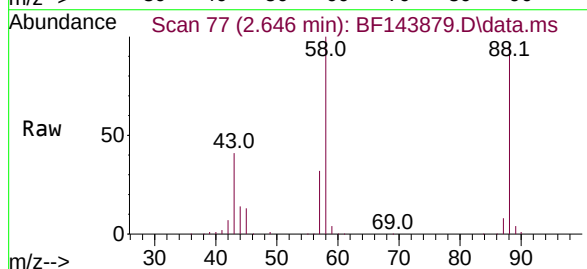
Manual Integrations  
APPROVED

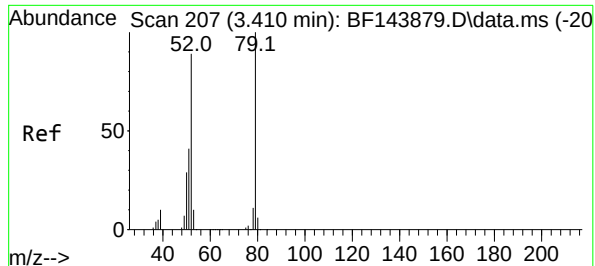
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#2  
1,4-Dioxane  
Concen: 41.781 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion: 88 Resp: 151157  
Ion Ratio Lower Upper  
88 100  
58 103.8 83.0 124.6  
43 42.4 33.9 50.9





#3

Pyridine

Concen: 41.775 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143879.D

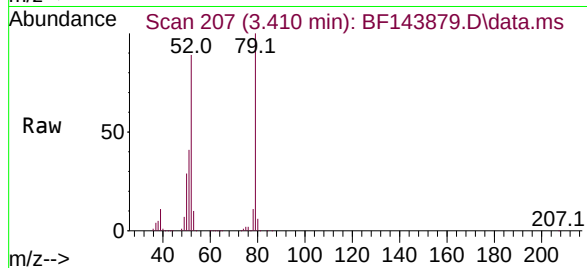
Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040



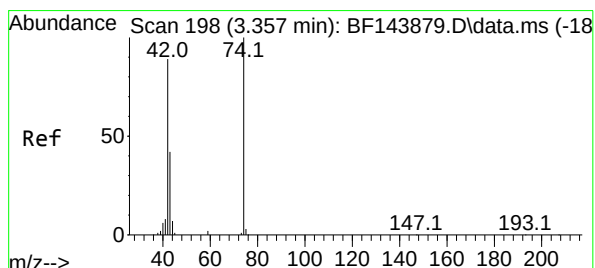
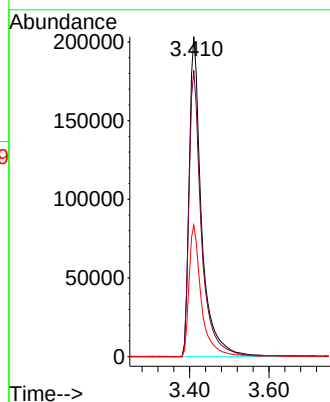
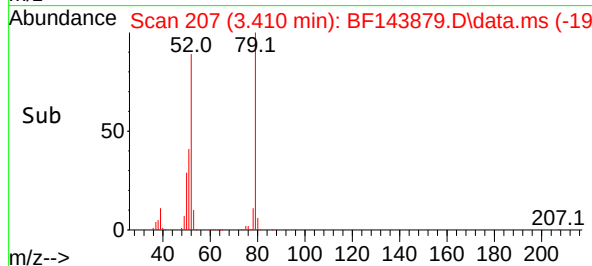
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 89.4  | 71.5  | 107.3 |
| 51      | 41.1  | 32.9  | 49.3  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

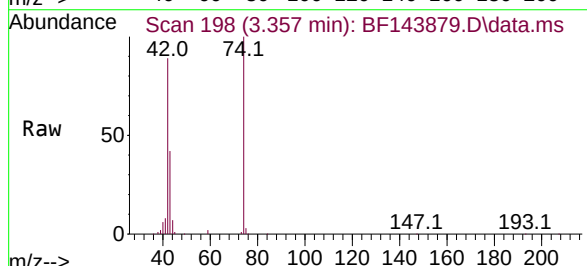
Concen: 40.760 ng

RT: 3.357 min Scan# 198

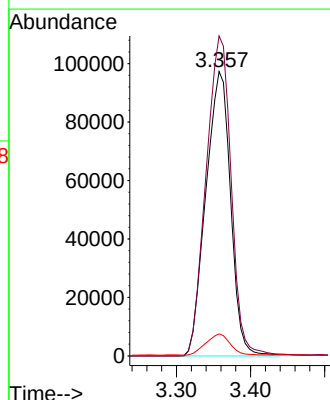
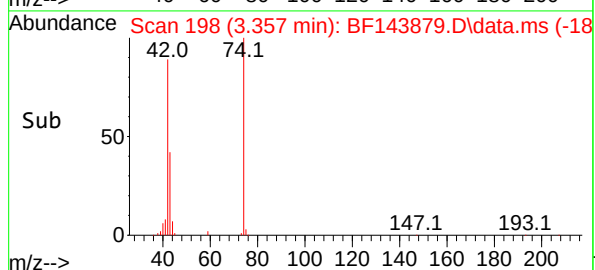
Delta R.T. -0.029 min

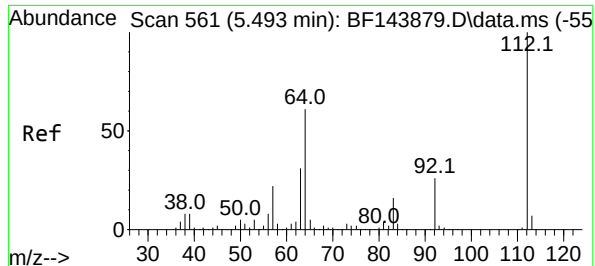
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 112.5 | 90.0  | 135.0 |
| 44      | 7.7   | 6.2   | 9.2   |





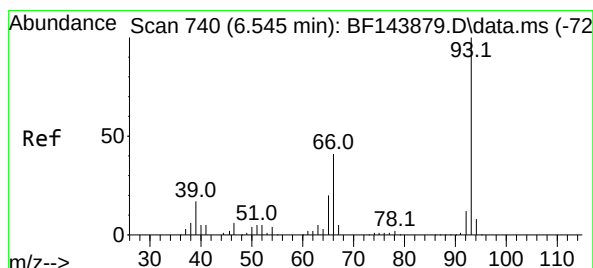
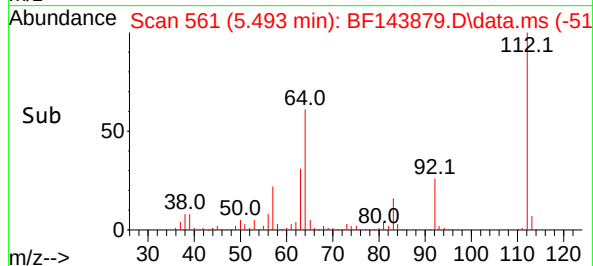
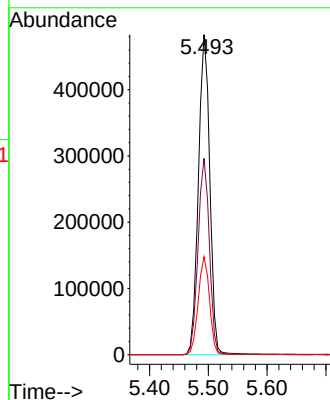
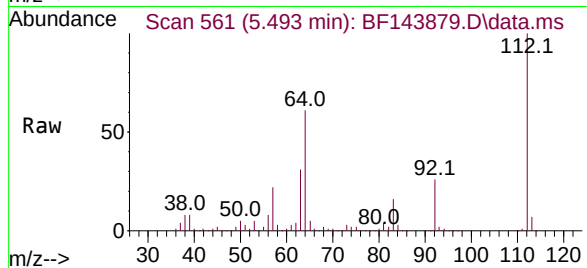
#5  
2-Fluorophenol  
Concen: 83.027 ng  
RT: 5.493 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:112 Resp: 64912  
Ion Ratio Lower Upper  
112 100  
64 61.4 49.1 73.7  
63 30.6 24.5 36.7

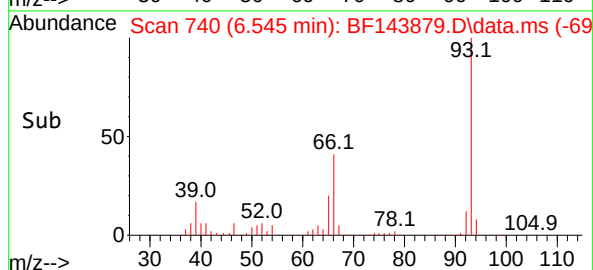
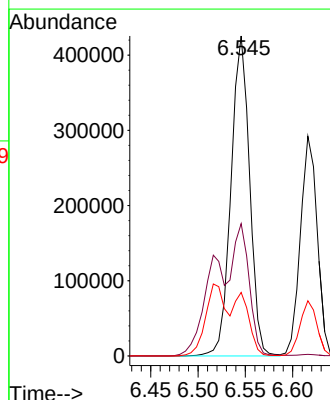
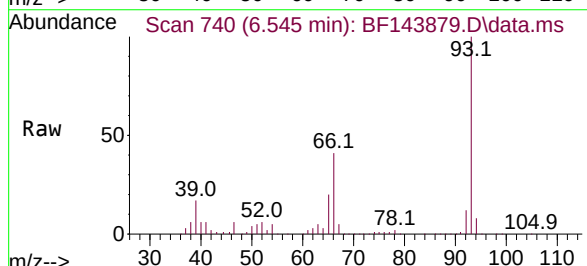
Manual Integrations  
APPROVED

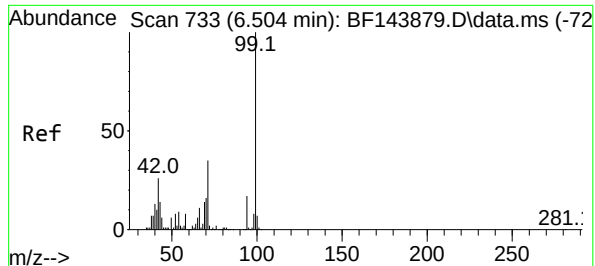
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#6  
Aniline  
Concen: 41.662 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

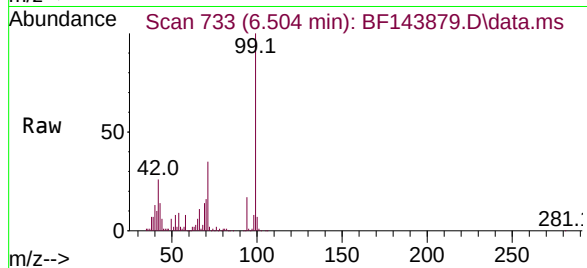
Tgt Ion: 93 Resp: 581779  
Ion Ratio Lower Upper  
93 100  
66 41.3 33.0 49.6  
65 19.8 15.8 23.8





#7  
Phenol-d6  
Concen: 82.158 ng  
RT: 6.504 min Scan# 733  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

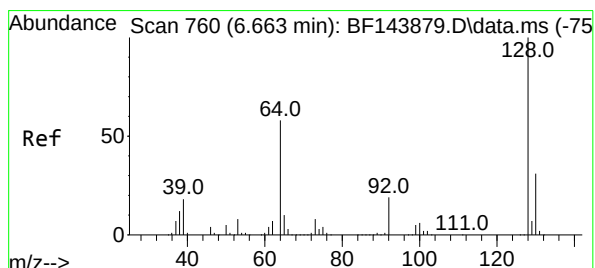
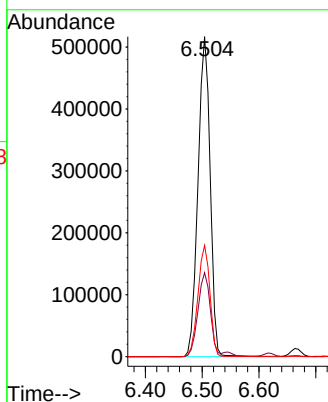
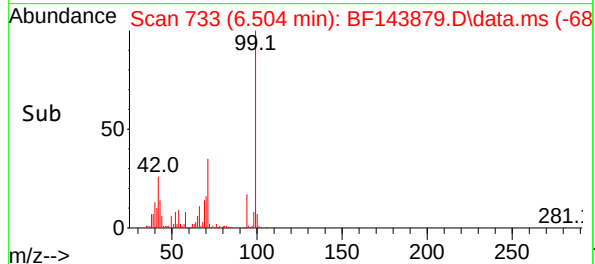
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICCC040



Tgt Ion: 99 Resp: 765629  
Ion Ratio Lower Upper  
99 100  
42 26.2 21.0 31.4  
71 34.8 27.8 41.8

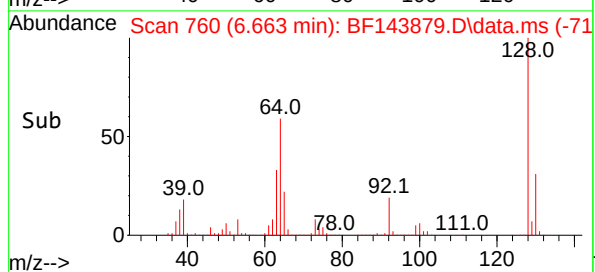
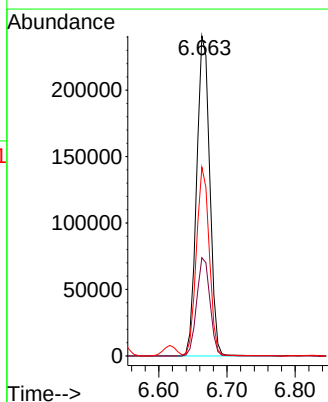
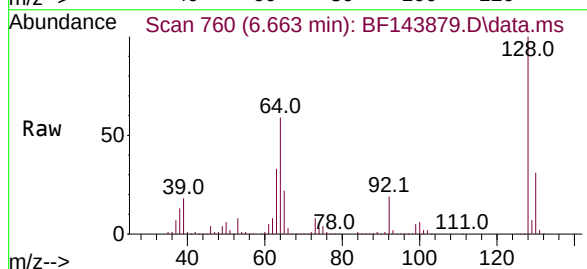
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

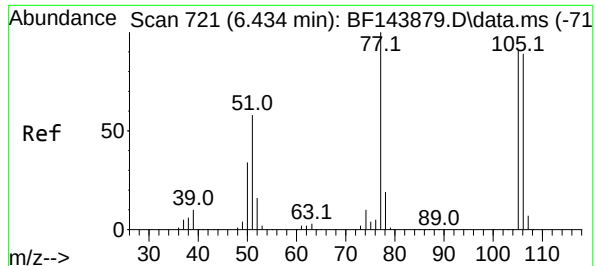


#8  
2-Chlorophenol  
Concen: 42.055 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:128 Resp: 321394  
Ion Ratio Lower Upper  
128 100  
130 30.7 10.7 50.7  
64 59.0 39.0 79.0







#9  
Benzaldehyde

Concen: 45.914 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 330062

Ion Ratio Lower Upper

77 100

105 90.9 70.9 110.9

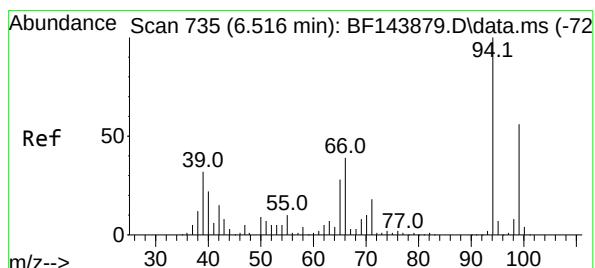
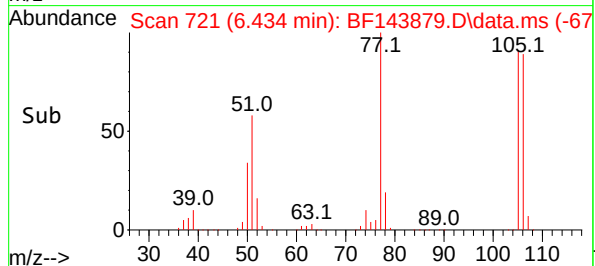
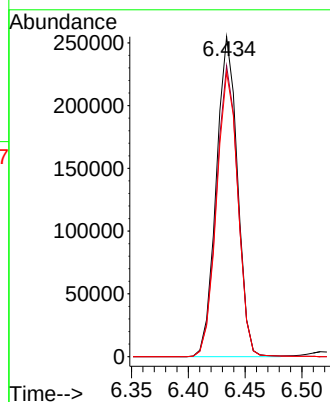
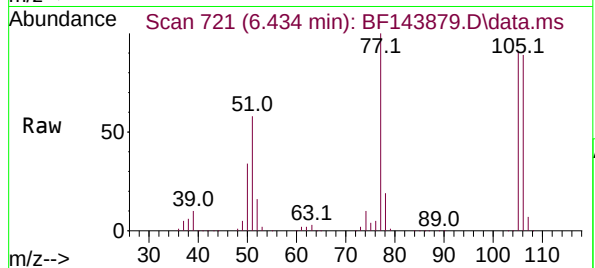
106 88.9 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

Concen: 41.042 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

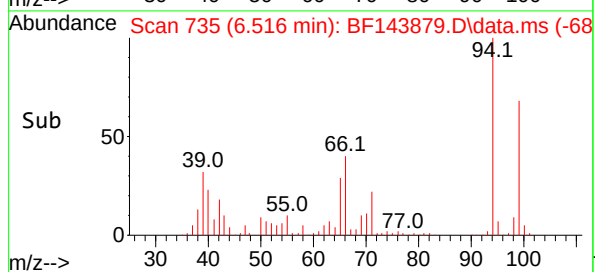
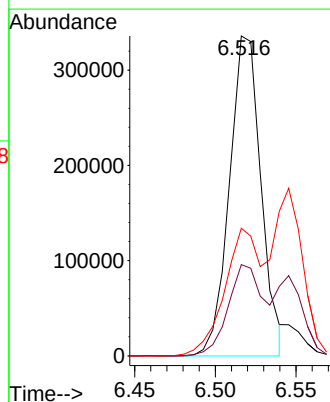
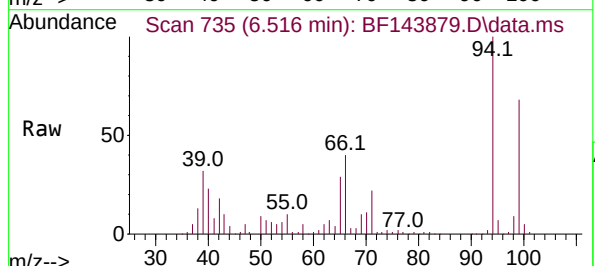
Tgt Ion: 94 Resp: 457250

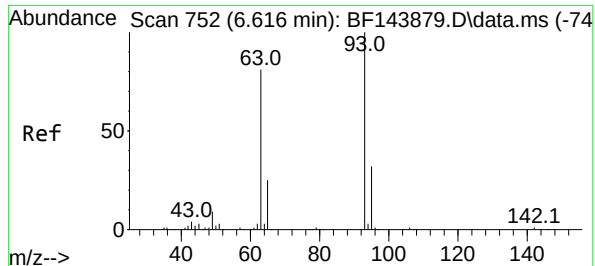
Ion Ratio Lower Upper

94 100

65 28.5 8.5 48.5

66 39.9 19.9 59.9





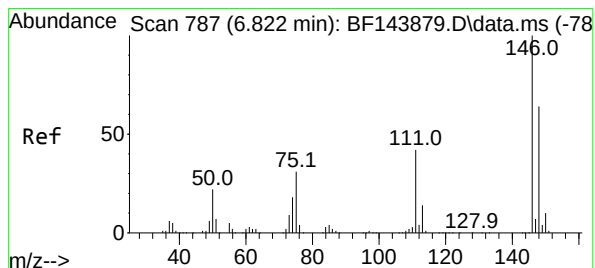
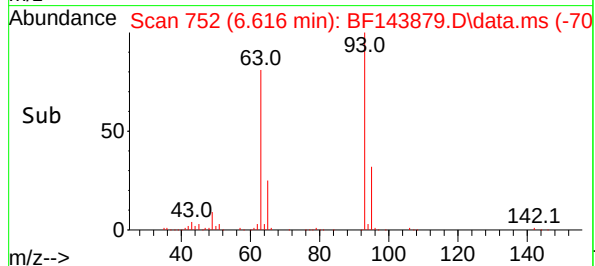
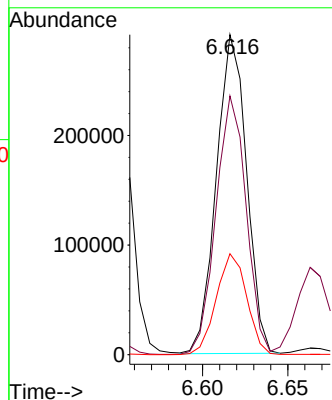
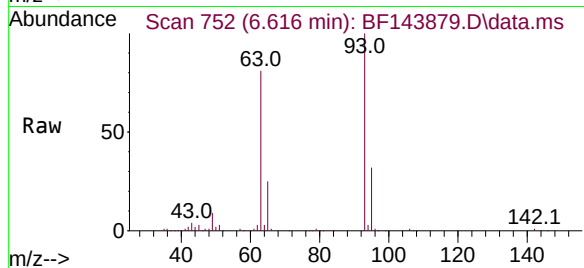
#11  
bis(2-Chloroethyl)ether  
Concen: 41.712 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICCC040

Tgt Ion: 93 Resp: 358980  
Ion Ratio Lower Upper  
93 100  
63 80.9 60.9 100.9  
95 31.5 11.5 51.5

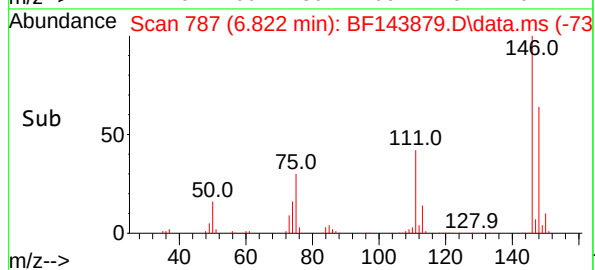
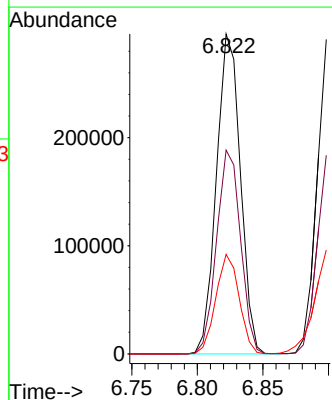
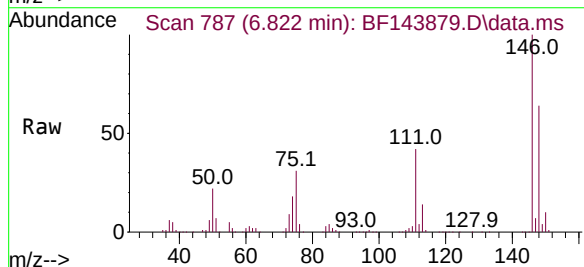
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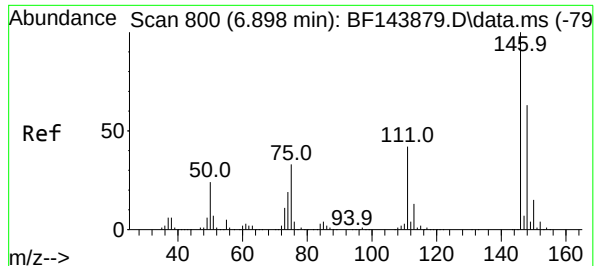
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 41.141 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:146 Resp: 376359  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.4  
75 31.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 41.238 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 372118

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

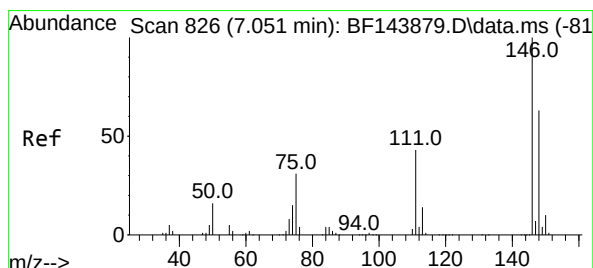
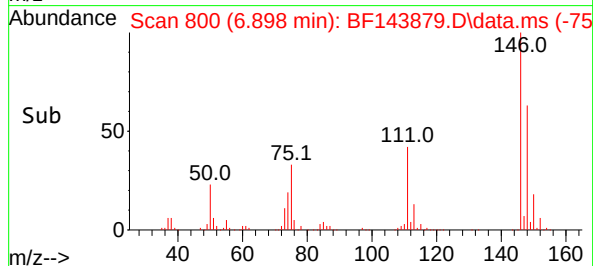
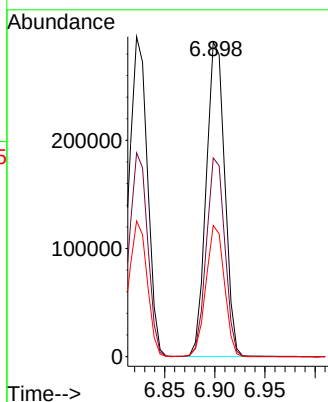
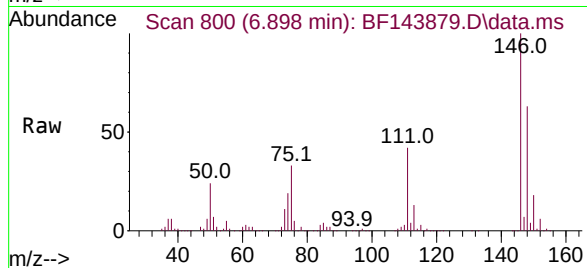
111 41.7 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 41.204 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

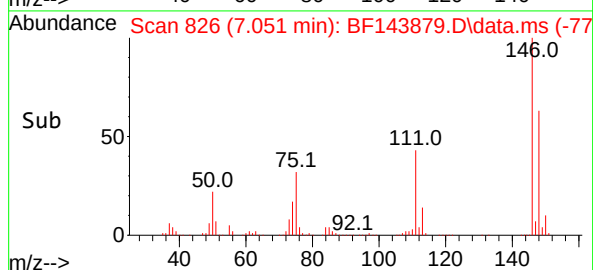
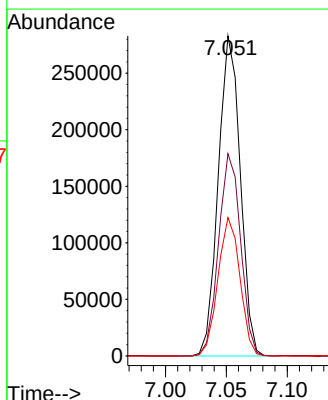
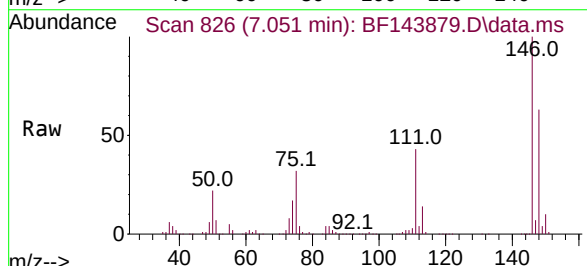
Tgt Ion:146 Resp: 356137

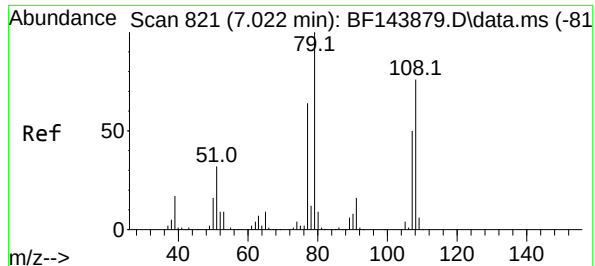
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

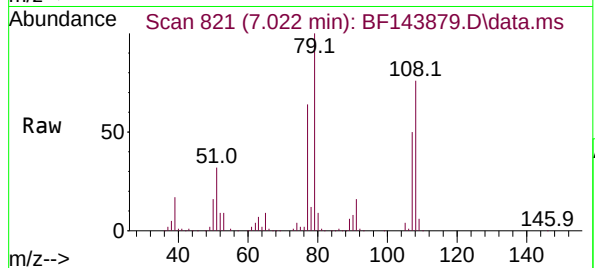
111 43.2 34.6 51.8





#15  
Benzyl Alcohol  
Concen: 41.707 ng  
RT: 7.022 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

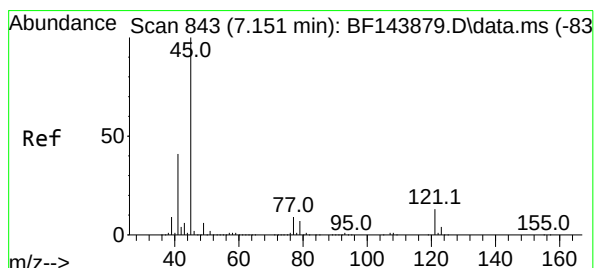
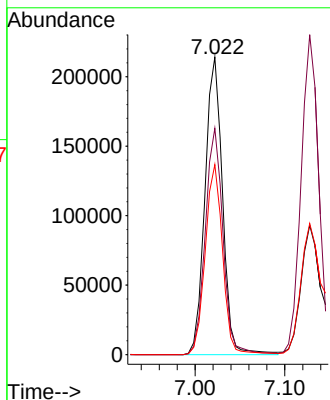
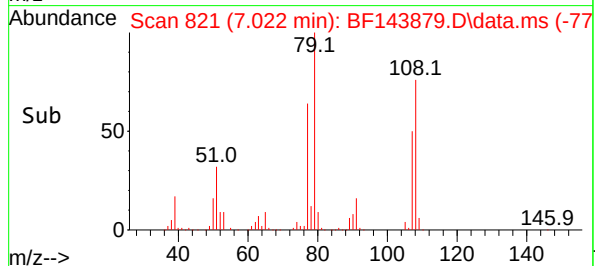
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 79 Resp: 291212  
Ion Ratio Lower Upper  
79 100  
108 76.0 60.8 91.2  
77 63.8 51.0 76.6

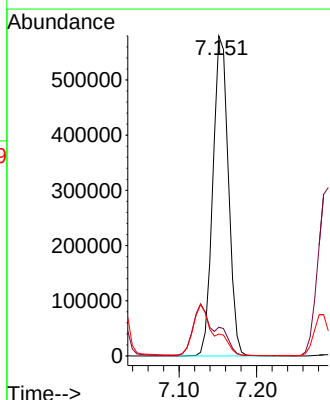
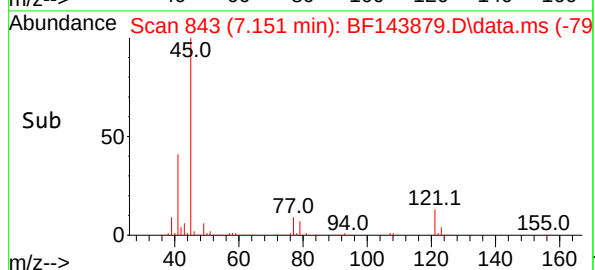
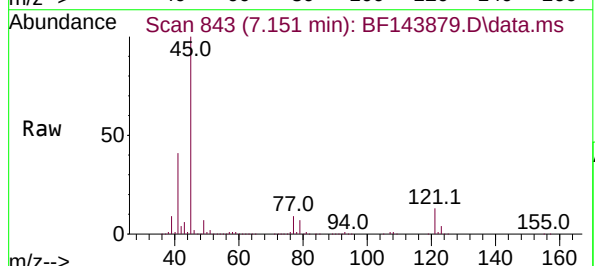
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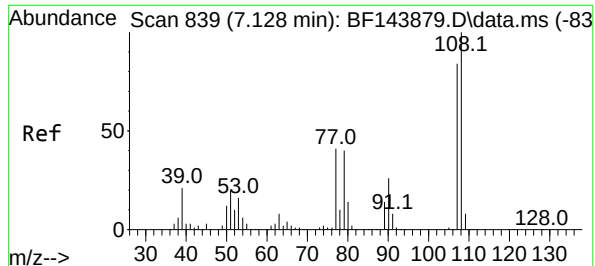
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.052 ng  
RT: 7.151 min Scan# 843  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

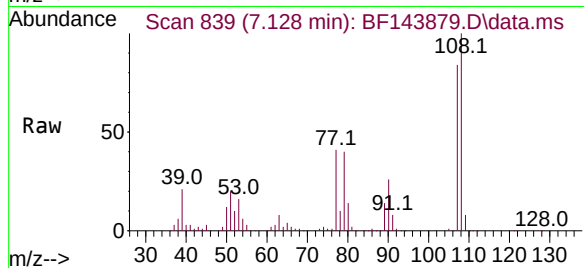
Tgt Ion: 45 Resp: 804199  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 29.0  
79 6.8 0.0 26.8





#17  
2-Methylphenol  
Concen: 41.430 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

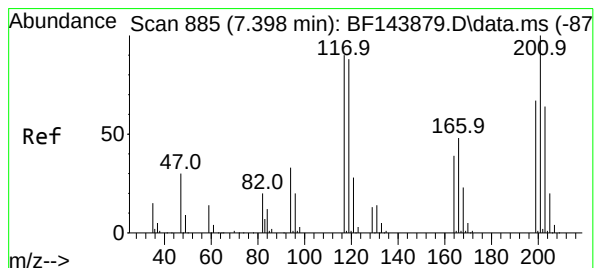
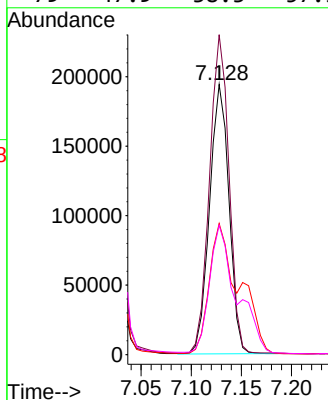
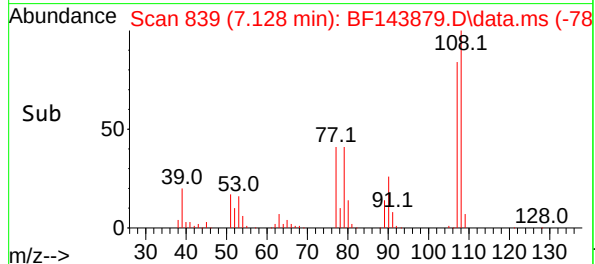
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:107 Resp: 261669  
Ion Ratio Lower Upper  
107 100  
108 118.4 94.7 142.1  
77 48.5 38.8 58.2  
79 47.9 38.3 57.5

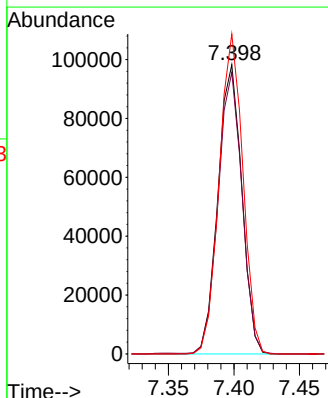
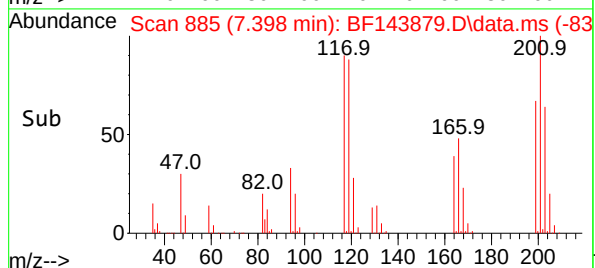
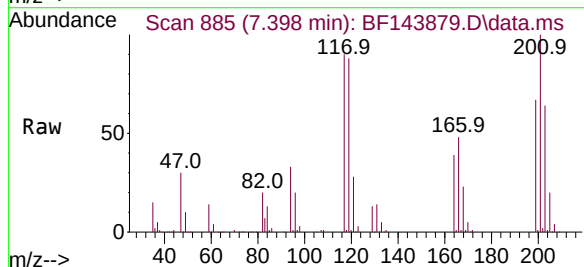
Manual Integrations  
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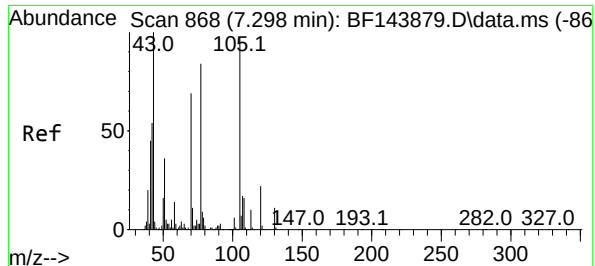
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#18  
Hexachloroethane  
Concen: 41.313 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:117 Resp: 124325  
Ion Ratio Lower Upper  
117 100  
119 97.3 77.8 116.8  
201 110.6 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.929 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 25470

Ion Ratio Lower Upper

70 100

42 78.5 62.8 94.2

101 8.4 6.7 10.1

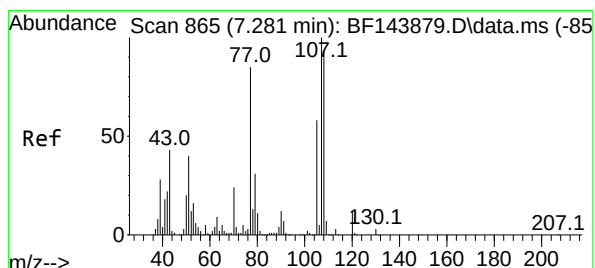
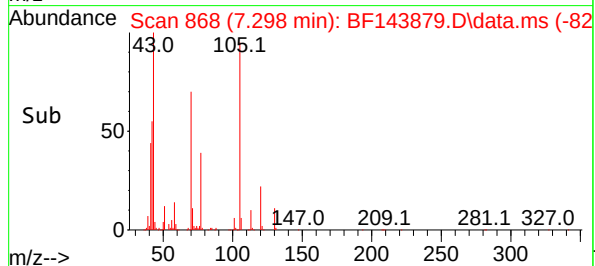
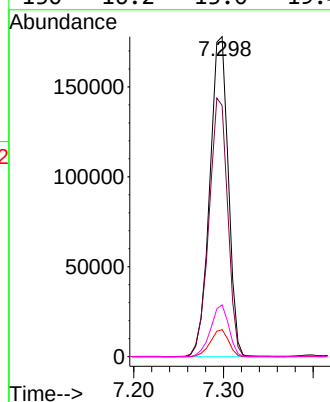
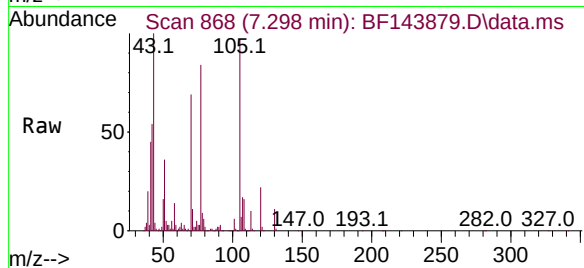
130 16.2 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 42.934 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 314281

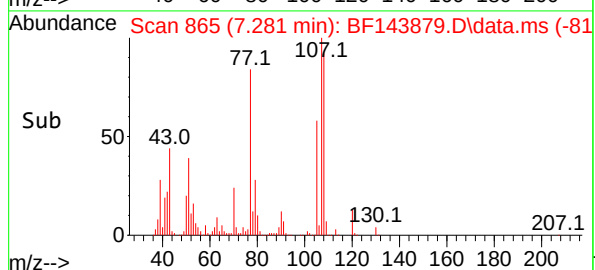
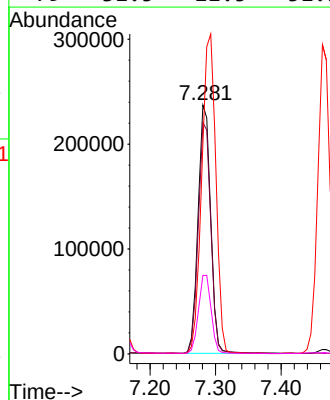
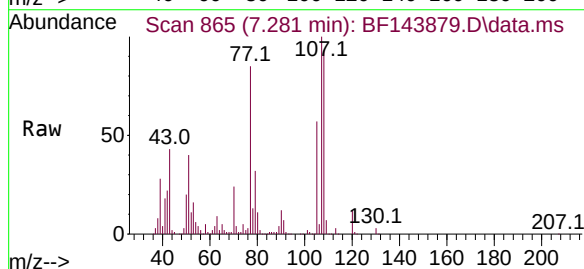
Ion Ratio Lower Upper

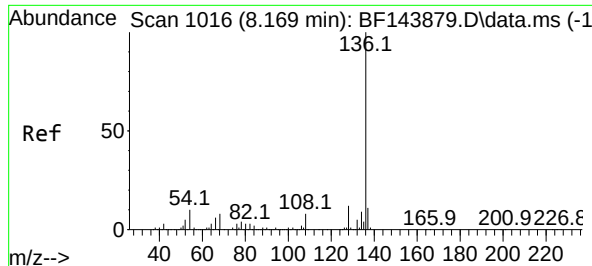
107 100

108 93.0 73.0 113.0

77 84.6 64.6 104.6

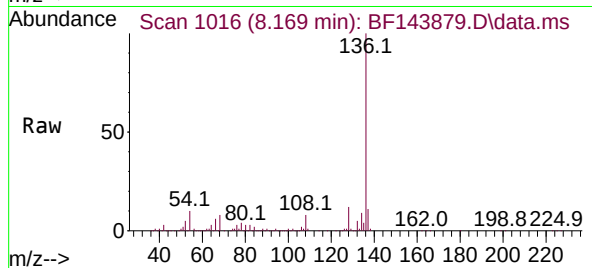
79 31.5 11.5 51.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

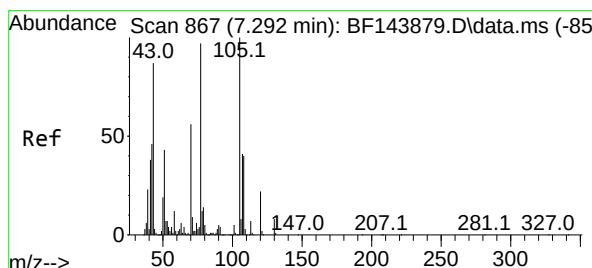
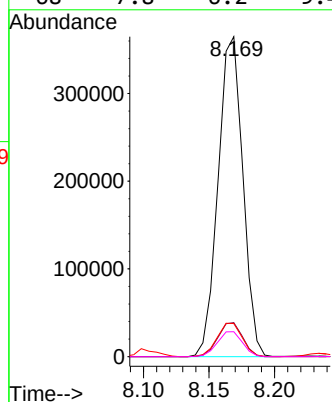
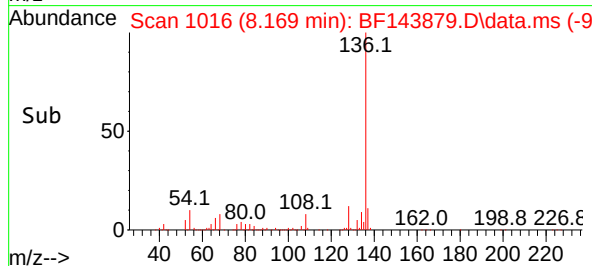
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:136 Resp: 479933  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.5 12.7  
54 10.3 8.2 12.4  
68 7.8 6.2 9.4

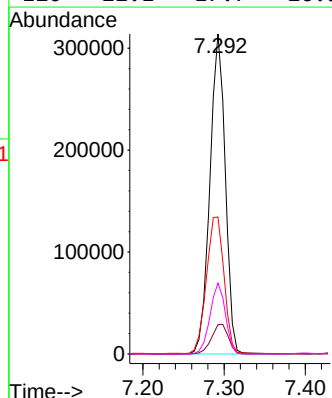
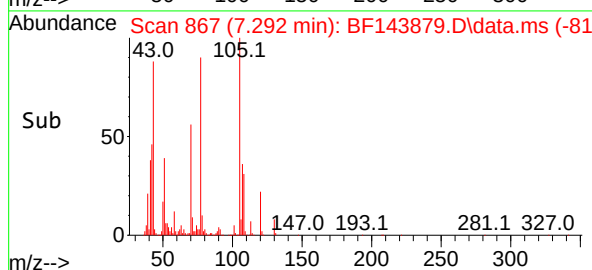
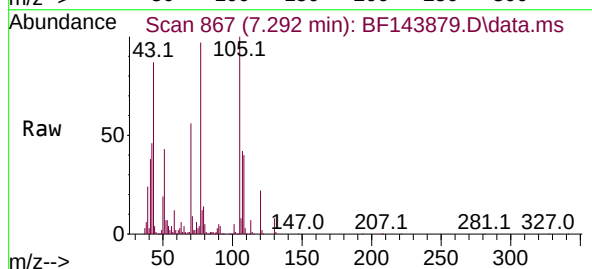
Manual Integrations  
APPROVED

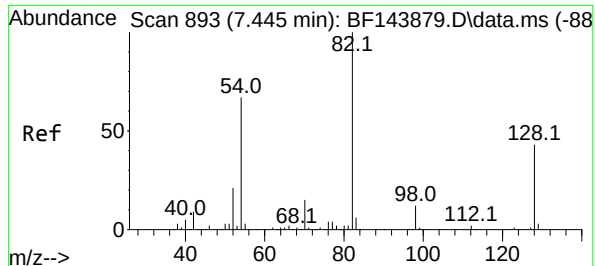
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#22  
Acetophenone  
Concen: 40.946 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:105 Resp: 415513  
Ion Ratio Lower Upper  
105 100  
71 9.2 7.4 11.0  
51 42.8 34.2 51.4  
120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 83.898 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 662754

Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

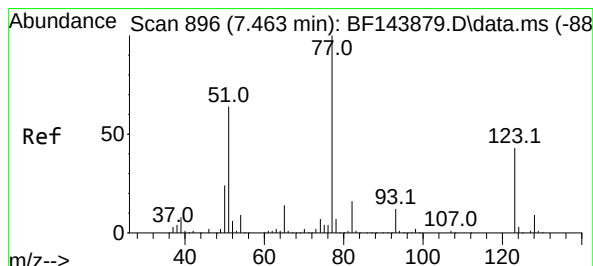
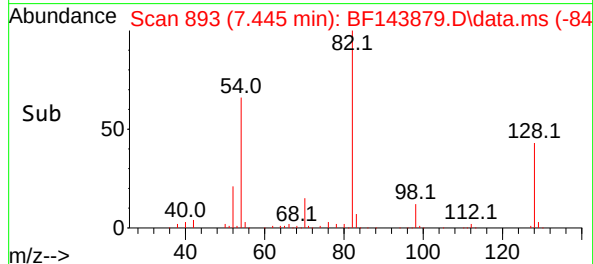
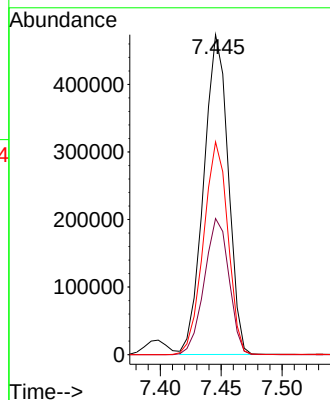
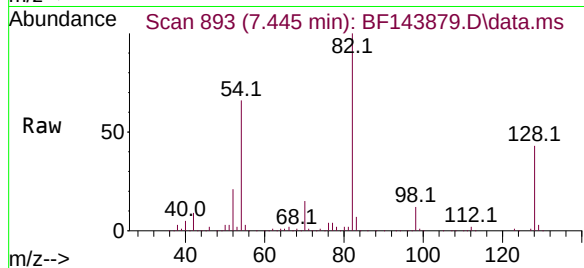
54 66.5 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 42.828 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

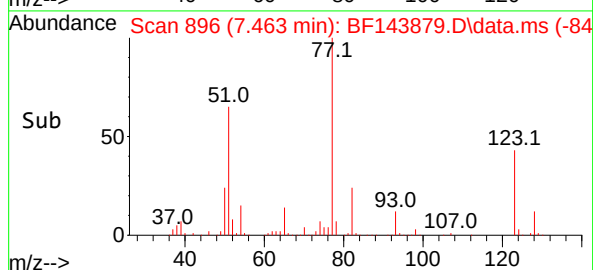
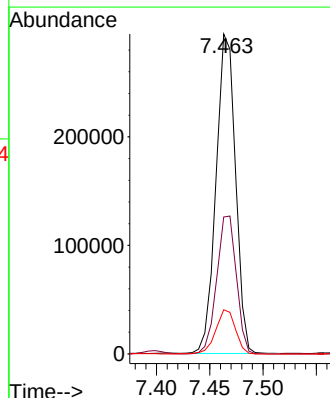
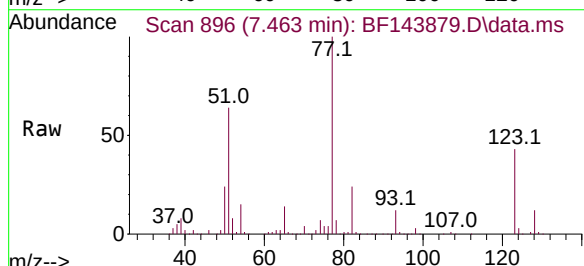
Tgt Ion: 77 Resp: 375708

Ion Ratio Lower Upper

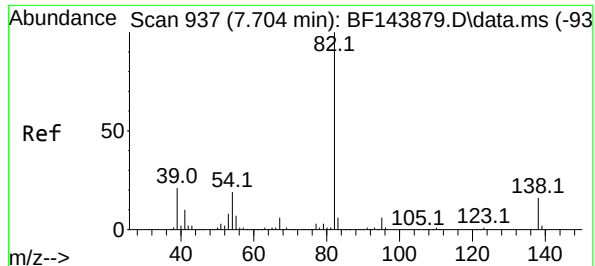
77 100

123 42.8 34.2 51.4

65 13.8 11.0 16.6

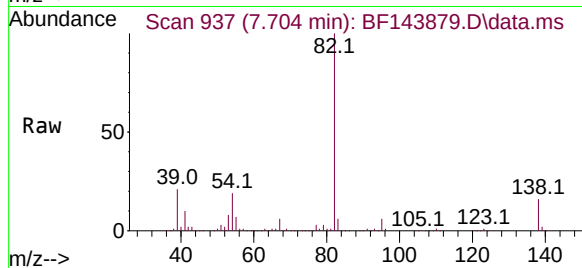






#25  
Isophorone  
Concen: 40.645 ng  
RT: 7.704 min Scan# 937  
Delta R.T. -0.018 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

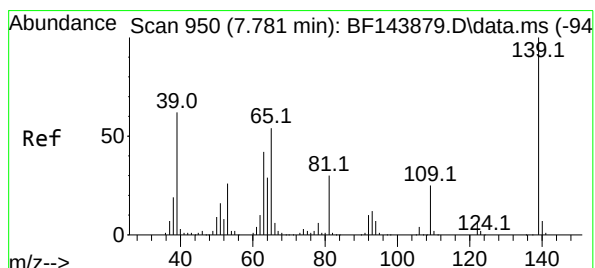
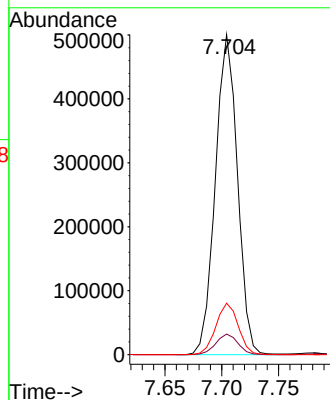
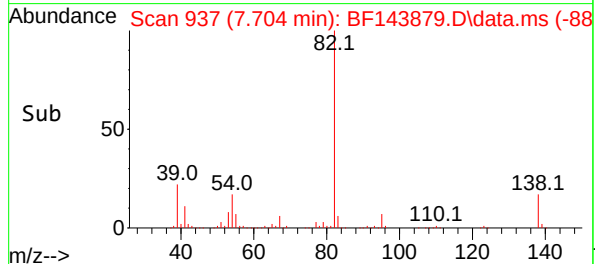
Instrument :  
BNA\_F  
Client Sample Id :  
SSTDICCC040



Tgt Ion: 82 Resp: 67700  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.1 7.7  
138 16.1 12.9 19.3

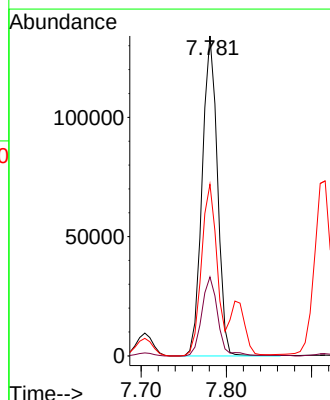
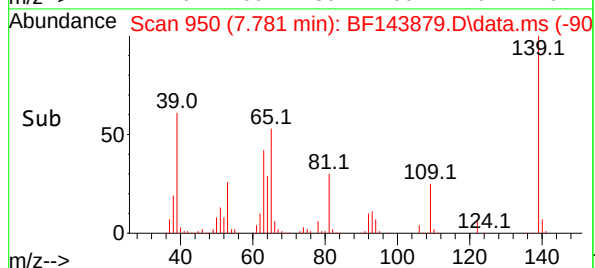
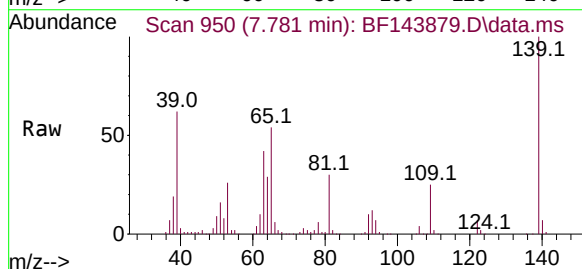
Manual Integrations  
APPROVED

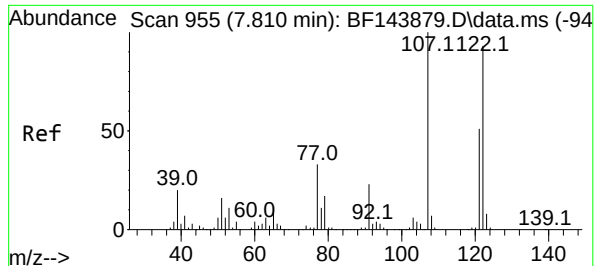
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#26  
2-Nitrophenol  
Concen: 44.428 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:139 Resp: 167096  
Ion Ratio Lower Upper  
139 100  
109 24.7 19.8 29.6  
65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 41.818 ng

RT: 7.810 min Scan# 955

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 282923

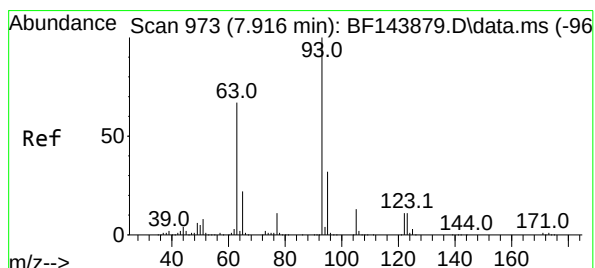
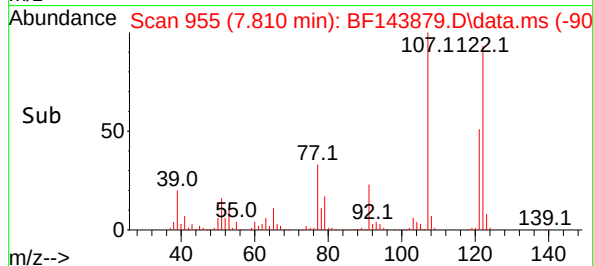
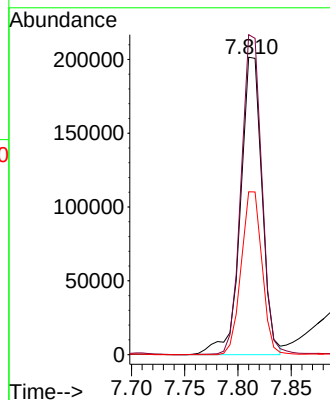
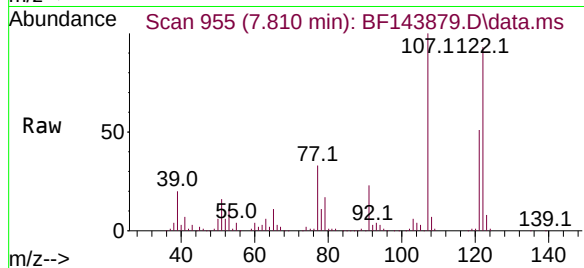
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 107.6 | 86.1  | 129.1 |
| 121 | 54.7  | 43.8  | 65.6  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.486 ng

RT: 7.916 min Scan# 973

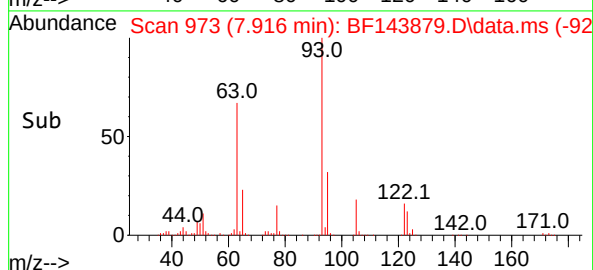
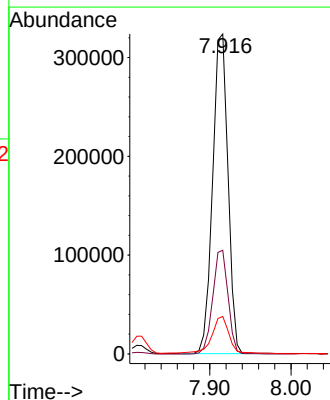
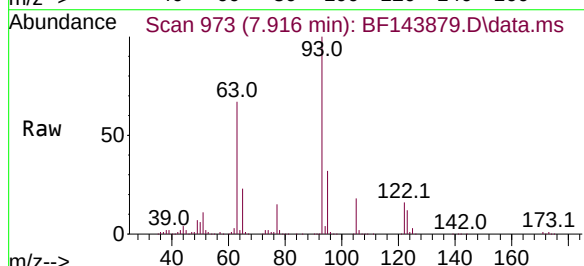
Delta R.T. -0.006 min

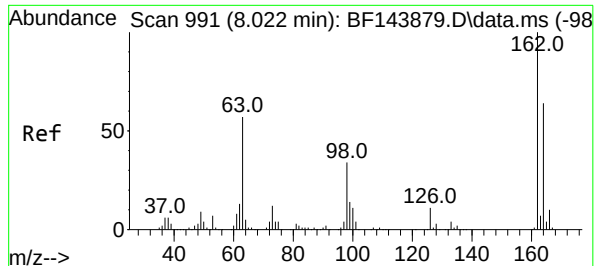
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion: 93 Resp: 425986

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.4  | 25.9  | 38.9  |
| 123 | 11.7  | 9.4   | 14.0  |





#29

2,4-Dichlorophenol

Concen: 41.782 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

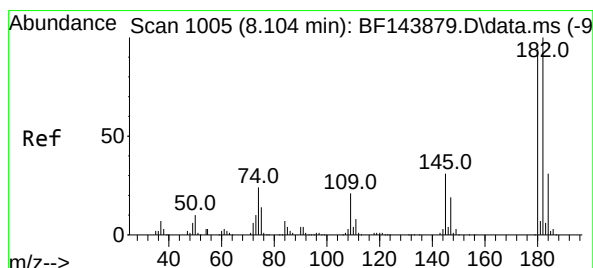
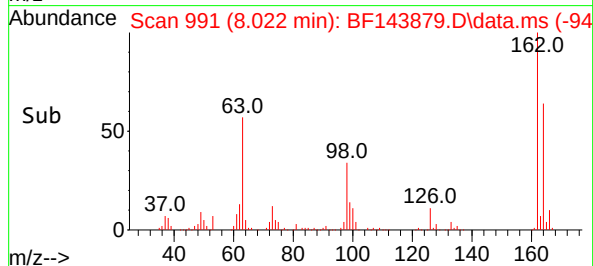
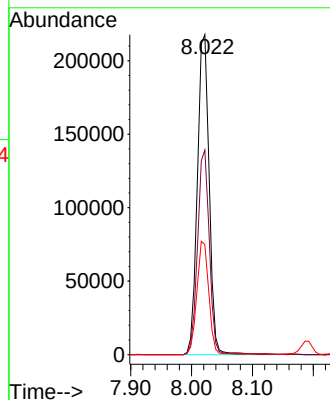
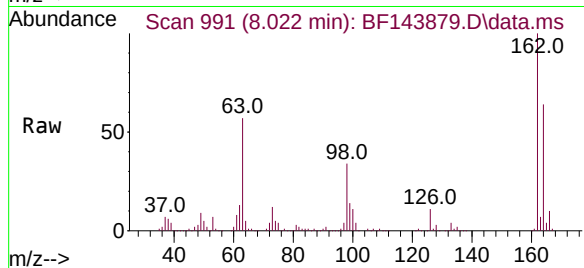
Tgt Ion:162 Resp: 294452

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 63.9  | 43.9  | 83.9  |
| 98  | 34.4  | 14.4  | 54.4  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.312 ng

RT: 8.104 min Scan# 1005

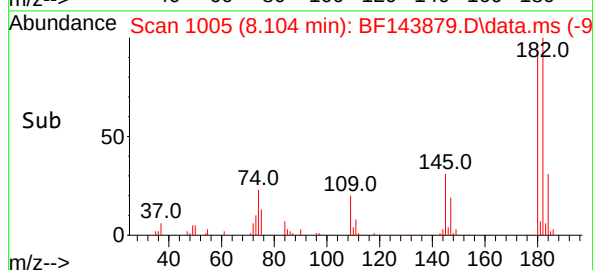
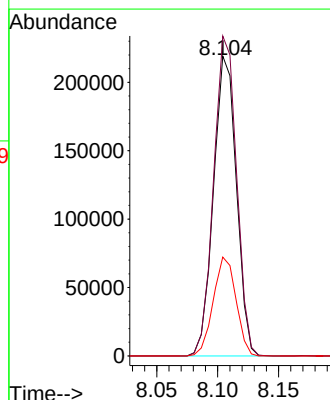
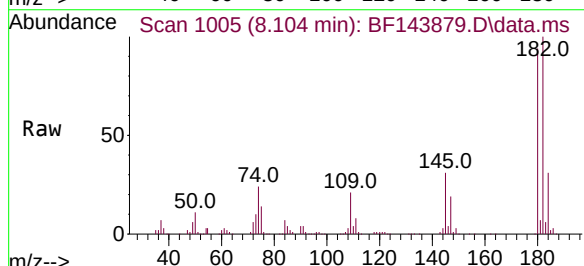
Delta R.T. -0.006 min

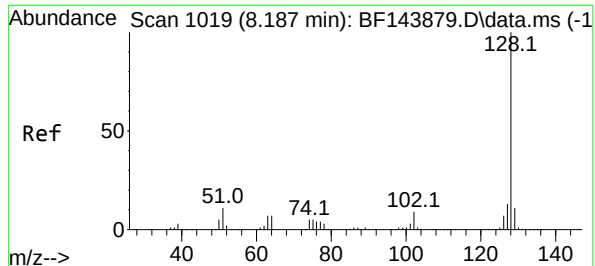
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:180 Resp: 286330

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 106.7 | 85.4  | 128.0 |
| 145 | 32.9  | 26.3  | 39.5  |





#31

Naphthalene

Concen: 40.961 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:128 Resp: 894263

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

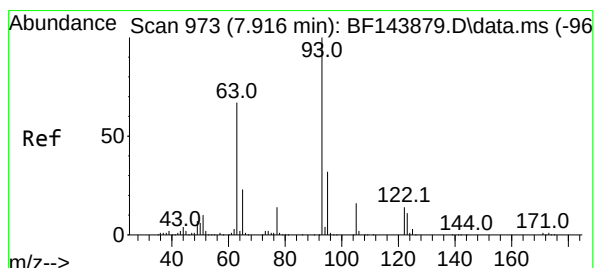
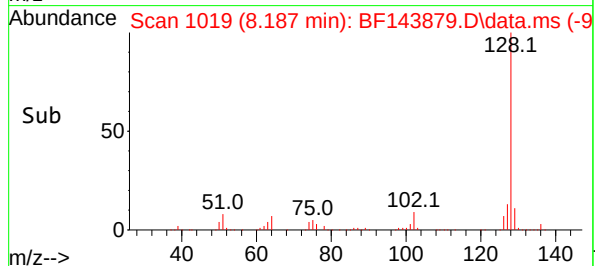
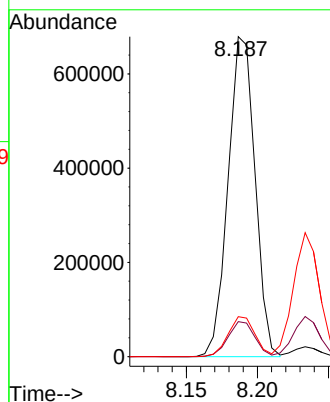
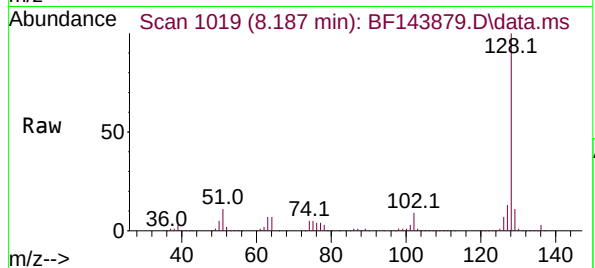
127 12.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 42.630 ng m

RT: 7.916 min Scan# 973

Delta R.T. -0.047 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

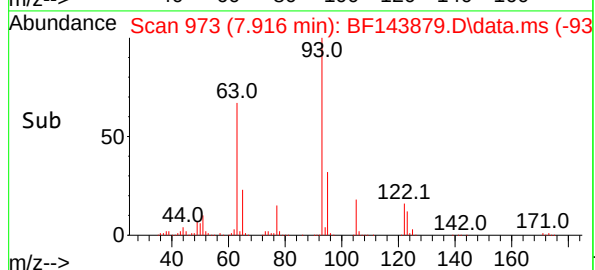
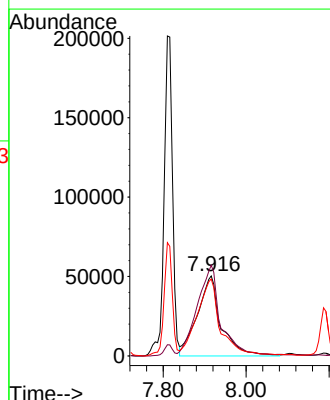
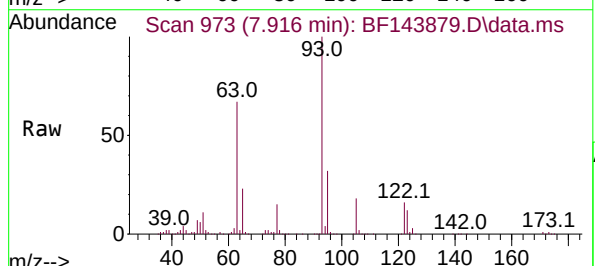
Tgt Ion:122 Resp: 199609

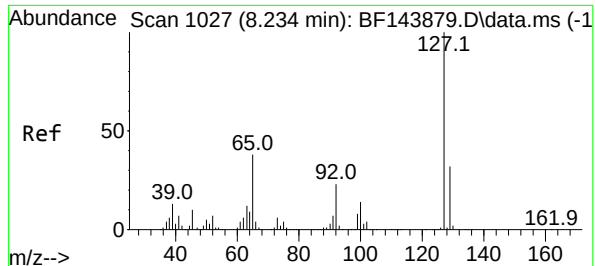
Ion Ratio Lower Upper

122 100

105 113.5 93.5 133.5

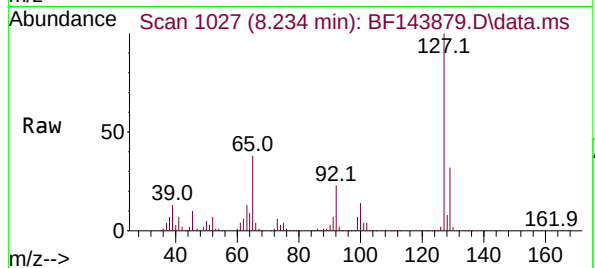
77 96.3 76.3 116.3





#33  
4-Chloroaniline  
Concen: 41.630 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

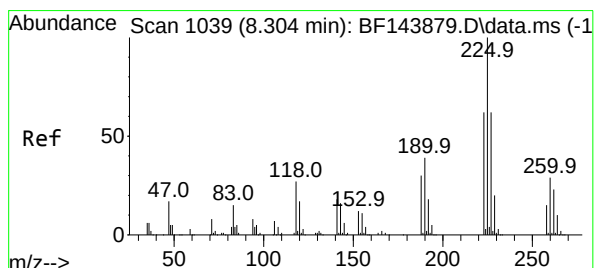
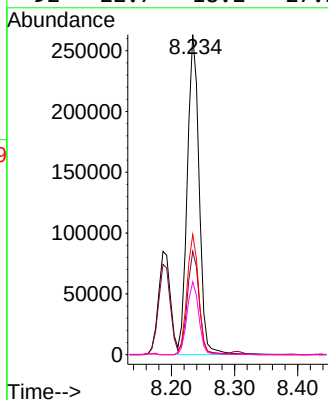
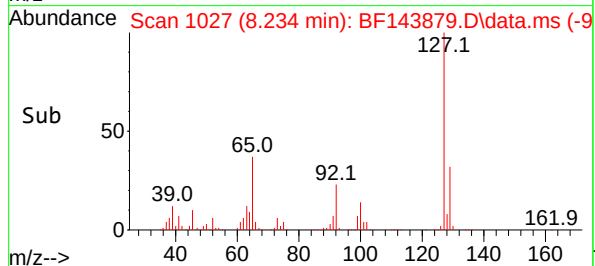
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:127 Resp: 340866  
Ion Ratio Lower Upper  
127 100  
129 32.3 25.8 38.8  
65 37.5 30.0 45.0  
92 22.7 18.2 27.2

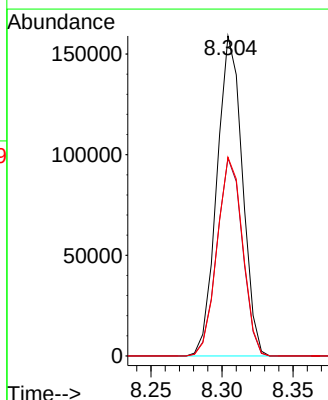
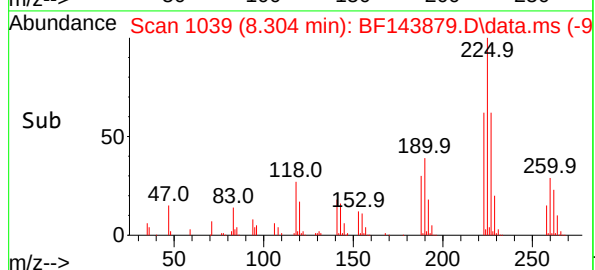
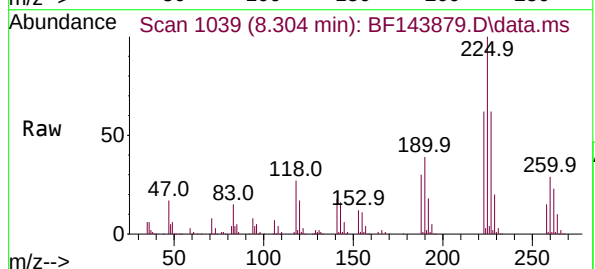
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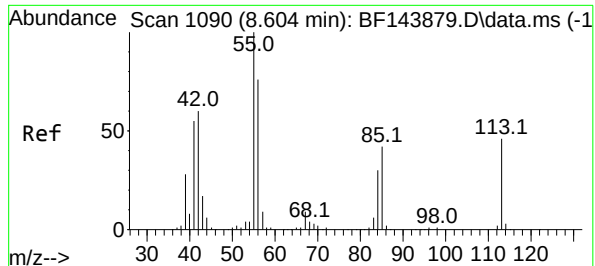
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#34  
Hexachlorobutadiene  
Concen: 41.170 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:225 Resp: 198282  
Ion Ratio Lower Upper  
225 100  
223 61.8 49.4 74.2  
227 62.1 49.7 74.5





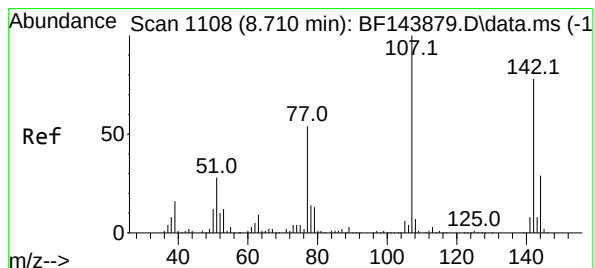
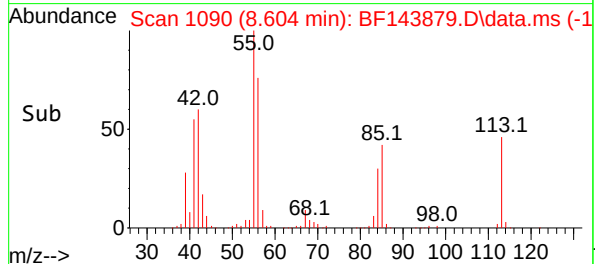
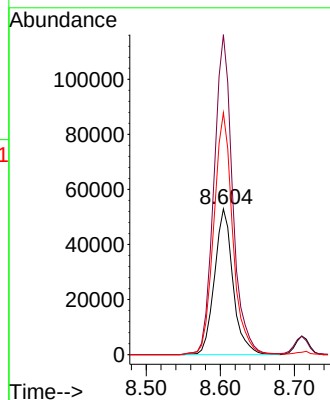
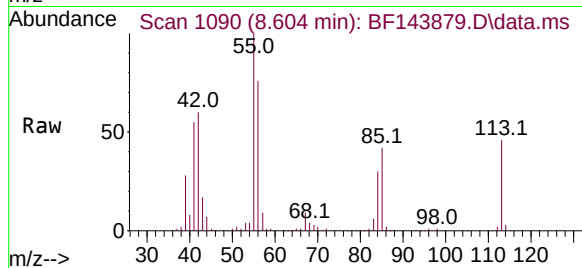
#35  
Caprolactam  
Concen: 40.816 ng  
RT: 8.604 min Scan# 1090  
Delta R.T. -0.041 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:113 Resp: 91458  
Ion Ratio Lower Upper  
113 100  
55 219.6 199.6 239.6  
56 166.0 146.0 186.0

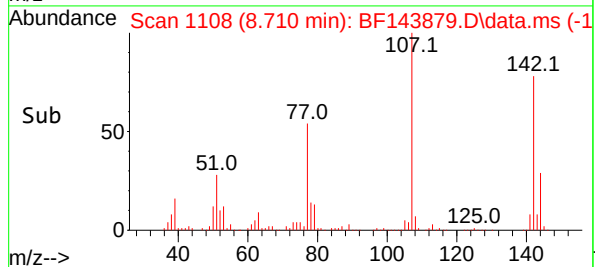
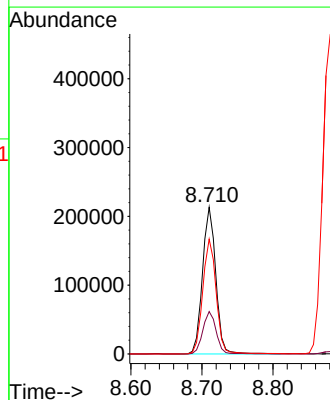
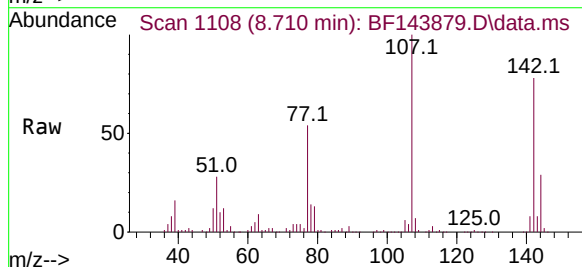
Manual Integrations  
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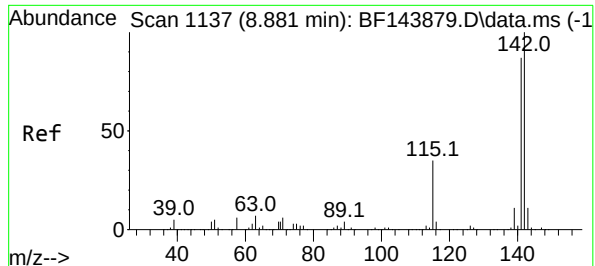
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 40.758 ng  
RT: 8.710 min Scan# 1108  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:107 Resp: 275908  
Ion Ratio Lower Upper  
107 100  
144 28.9 23.1 34.7  
142 78.3 62.6 94.0





#37

2-Methylnaphthalene

Concen: 40.669 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 591428

Ion Ratio Lower Upper

142 100

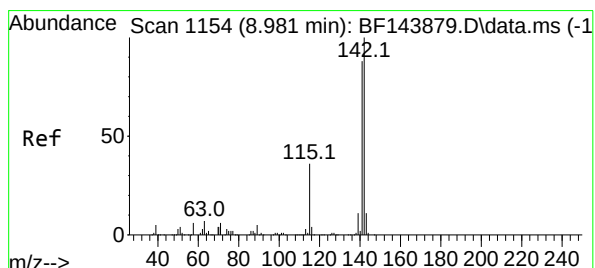
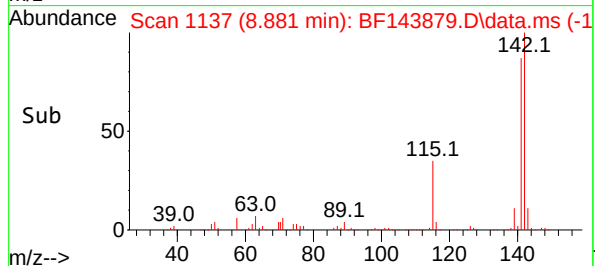
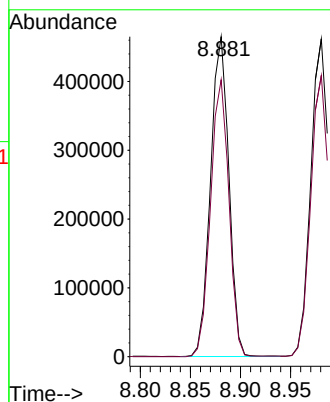
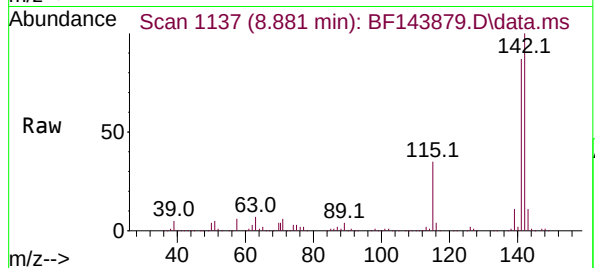
141 86.5 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 41.196 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143879.D

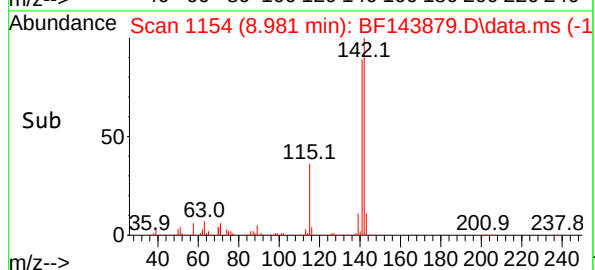
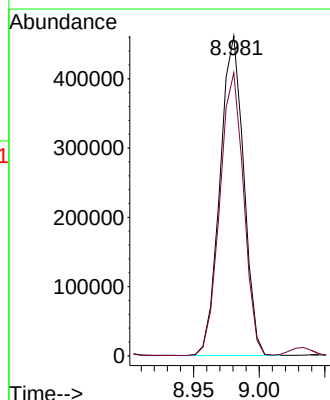
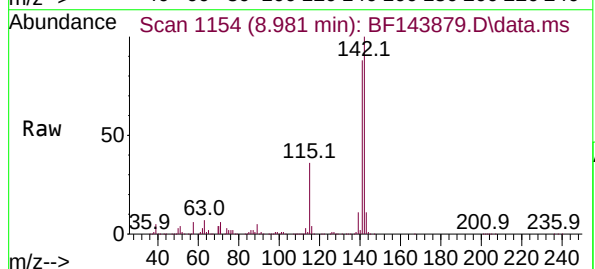
Acq: 06 Oct 2025 12:54

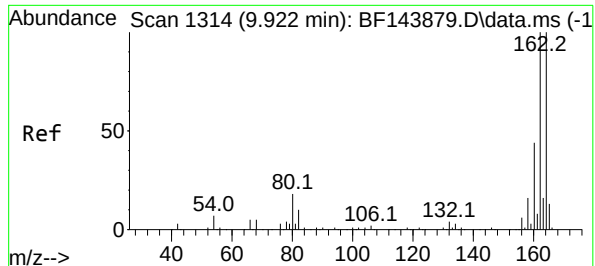
Tgt Ion:142 Resp: 581114

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143879.D

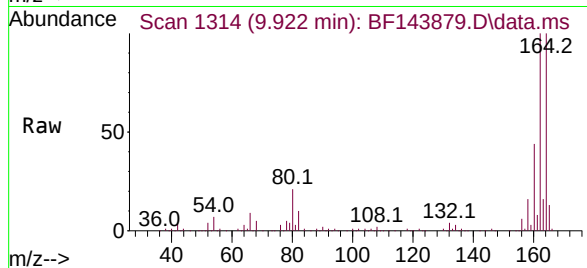
Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 260024

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

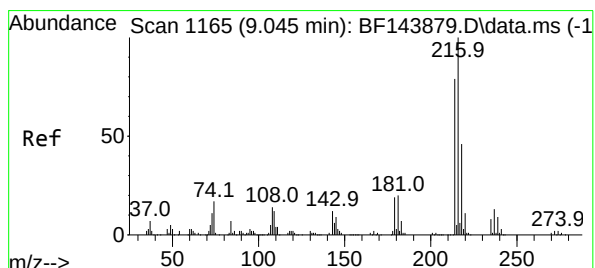
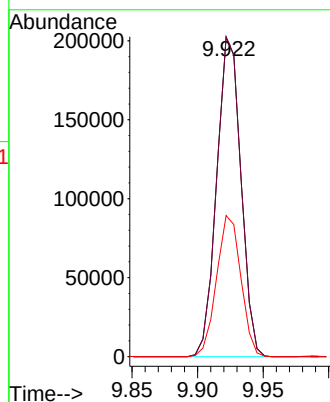
160 44.2 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

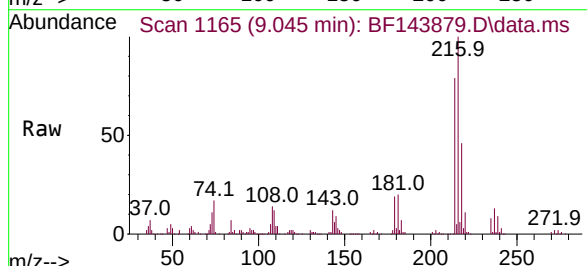
Concen: 42.665 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



Tgt Ion:216 Resp: 306622

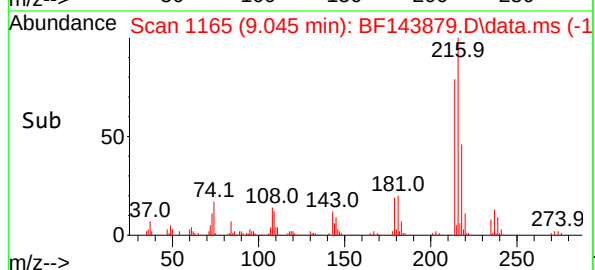
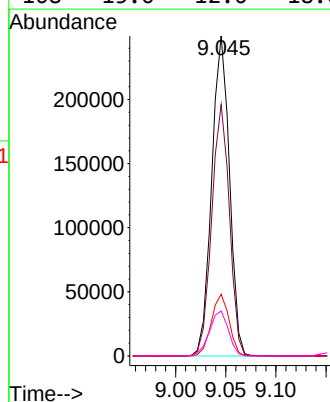
Ion Ratio Lower Upper

216 100

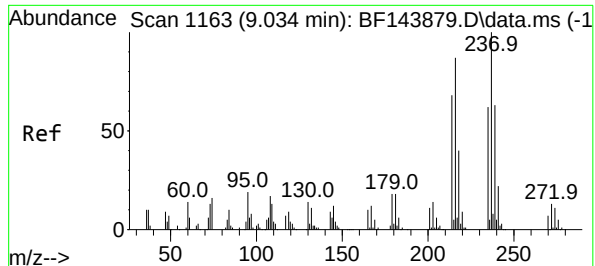
214 78.3 62.6 94.0

179 19.2 15.4 23.0

108 15.0 12.0 18.0

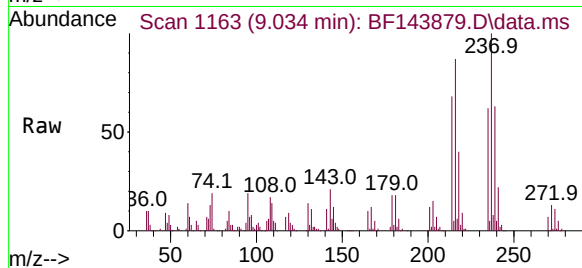






#41  
Hexachlorocyclopentadiene  
Concen: 44.842 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

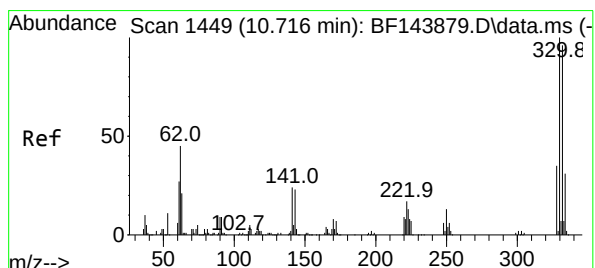
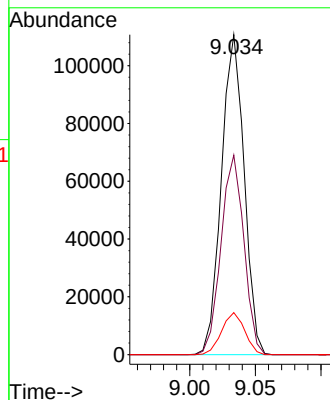
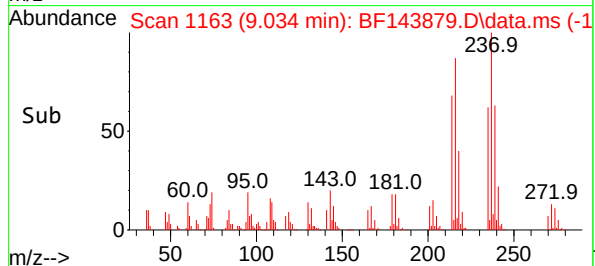
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



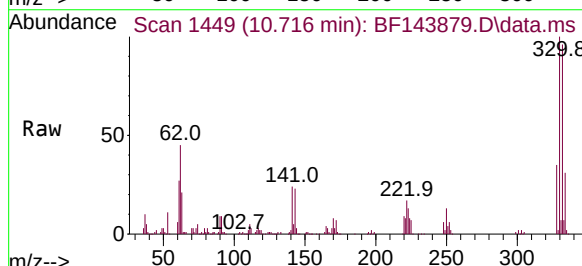
Tgt Ion: 237 Resp: 133694  
Ion Ratio Lower Upper  
237 100  
235 62.3 42.3 82.3  
272 13.1 0.0 33.1

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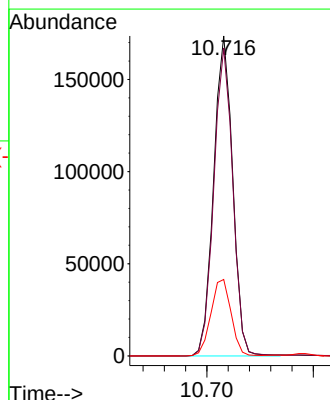
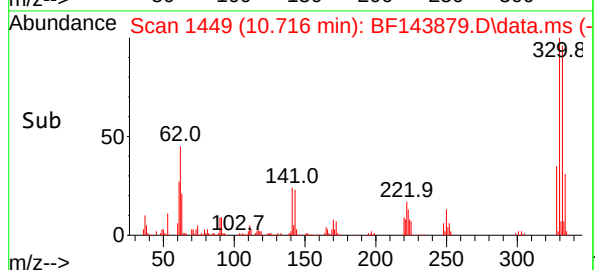
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

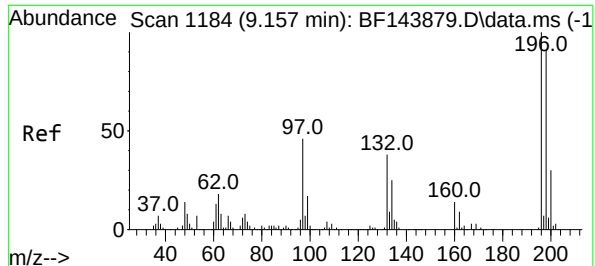


#42  
2,4,6-Tribromophenol  
Concen: 83.200 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54



Tgt Ion: 330 Resp: 215478  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.9 115.3  
141 25.3 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 44.081 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 231469

Ion Ratio Lower Upper

196 100

198 91.0 72.8 109.2

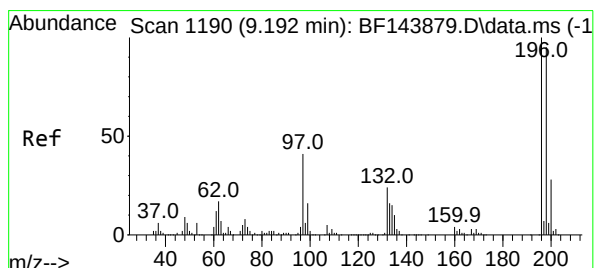
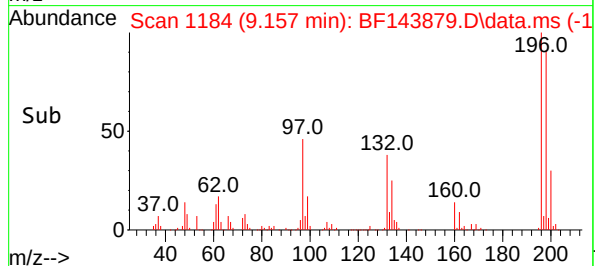
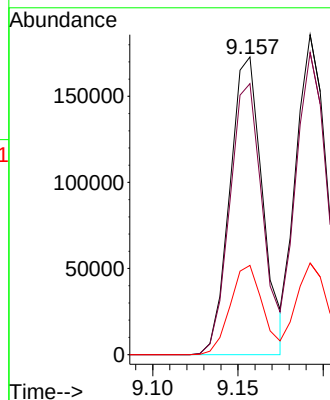
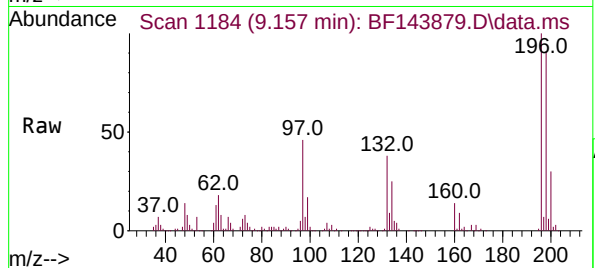
200 30.0 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

Concen: 42.739 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:196 Resp: 237161

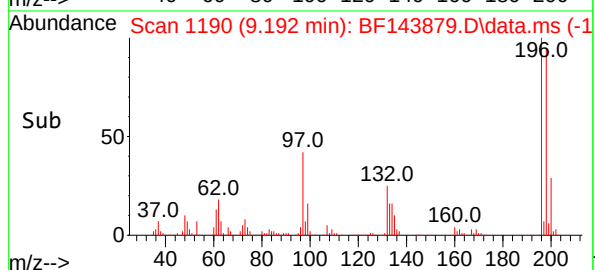
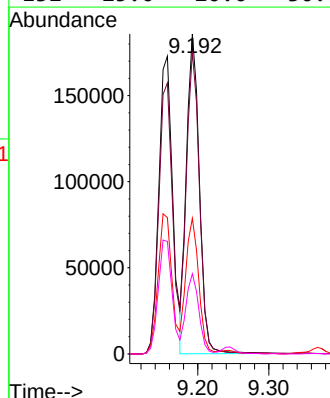
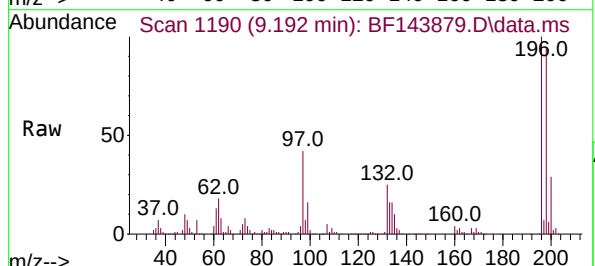
Ion Ratio Lower Upper

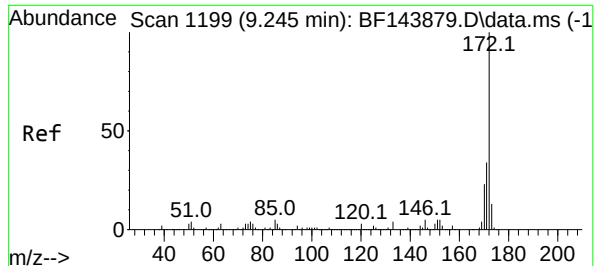
196 100

198 94.4 75.5 113.3

97 42.4 33.9 50.9

132 25.0 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.695 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1273210

Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

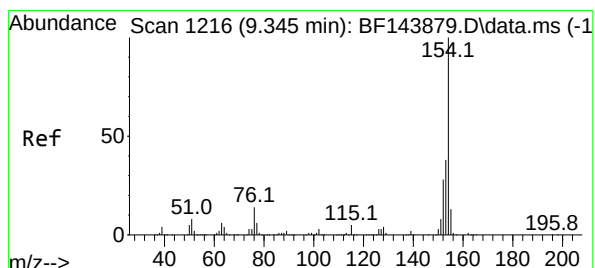
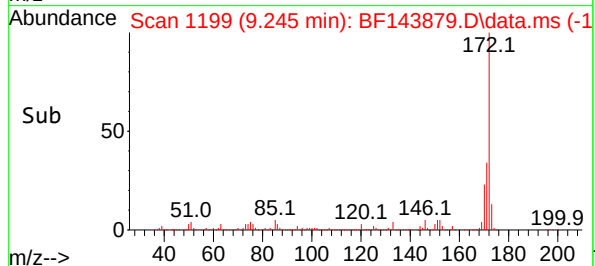
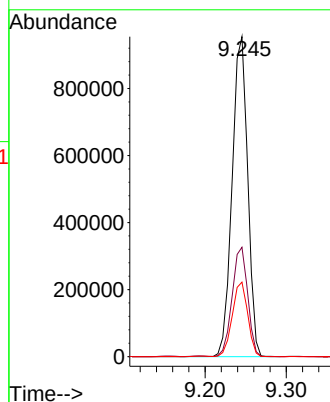
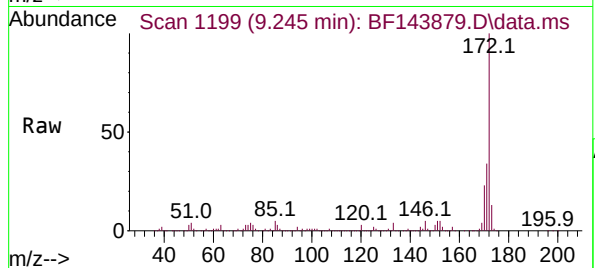
170 23.3 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#46

1,1'-Biphenyl

Concen: 41.490 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

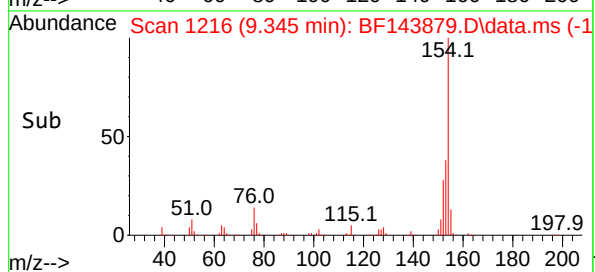
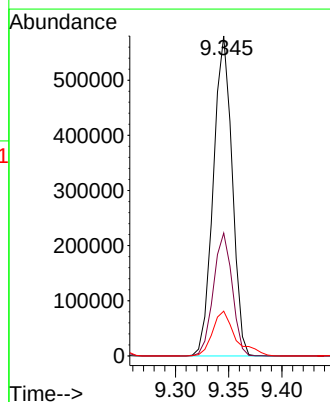
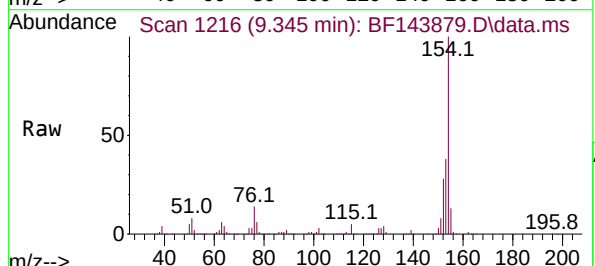
Tgt Ion:154 Resp: 714293

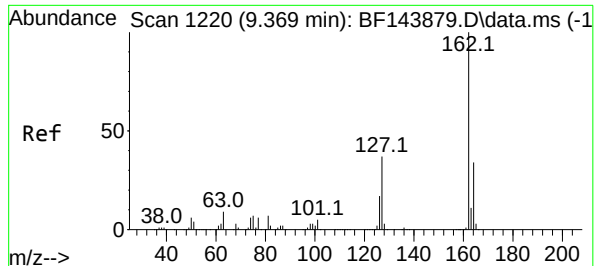
Ion Ratio Lower Upper

154 100

153 38.4 18.4 58.4

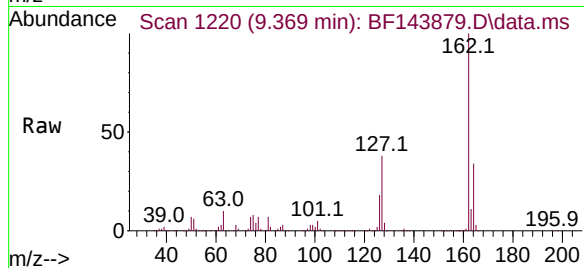
76 14.0 0.0 34.0





#47  
2-Chloronaphthalene  
Concen: 41.204 ng  
RT: 9.369 min Scan# 1220  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

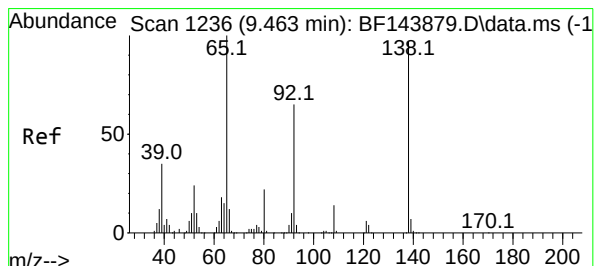
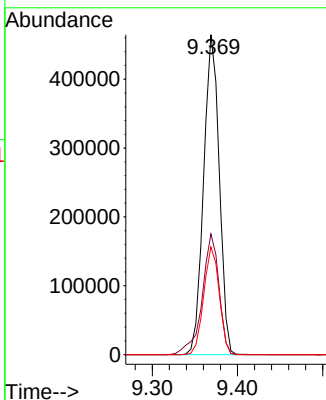
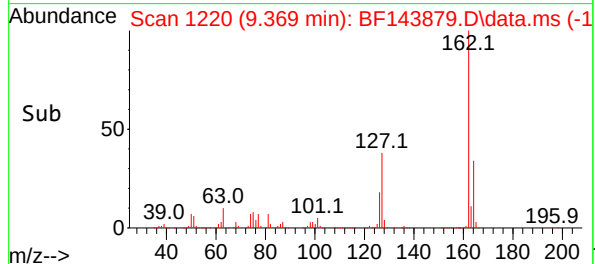
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 162 Resp: 591442  
Ion Ratio Lower Upper  
162 100  
127 37.7 30.2 45.2  
164 33.6 26.9 40.3

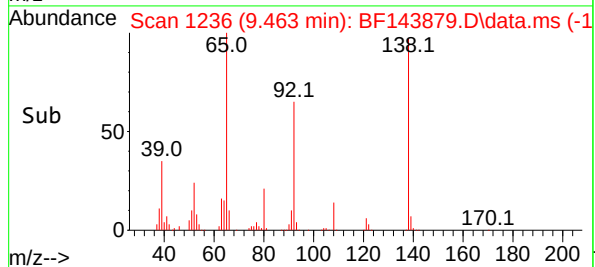
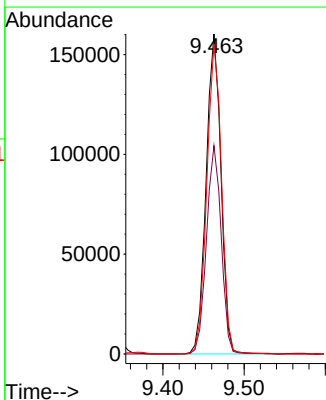
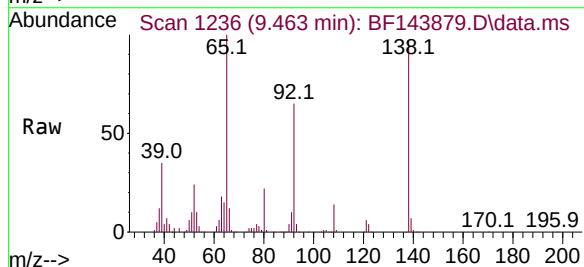
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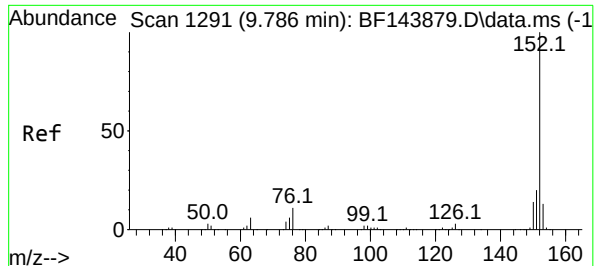
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#48  
2-Nitroaniline  
Concen: 44.894 ng  
RT: 9.463 min Scan# 1236  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion: 65 Resp: 203733  
Ion Ratio Lower Upper  
65 100  
92 65.1 52.1 78.1  
138 96.8 77.4 116.2





#49

Acenaphthylene

Concen: 41.828 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143879.D

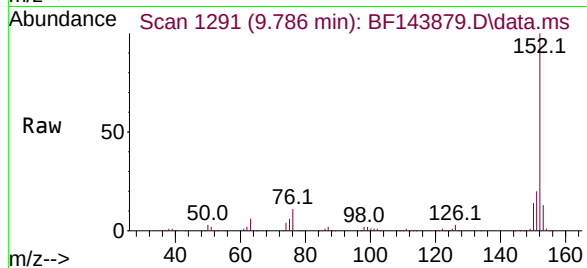
Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 844062

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

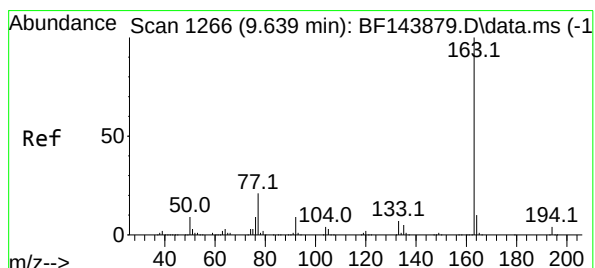
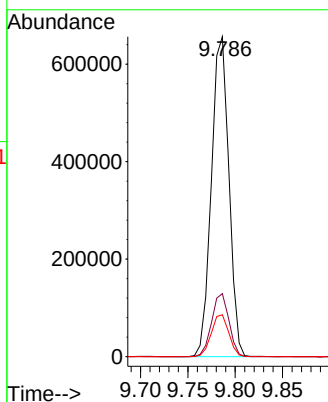
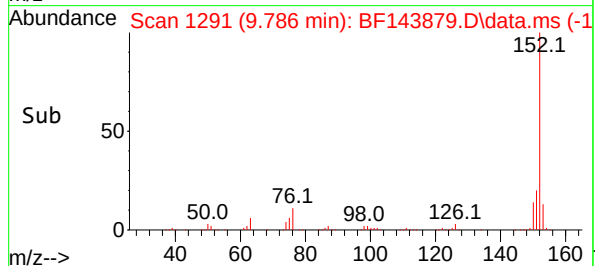
153 13.1 10.5 15.7

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

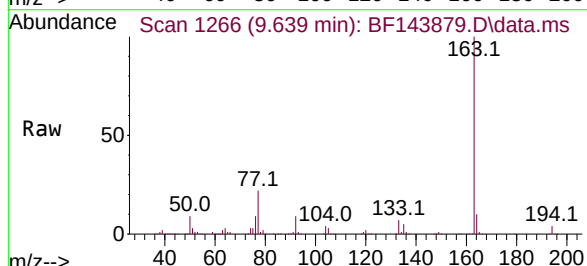
Concen: 40.653 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



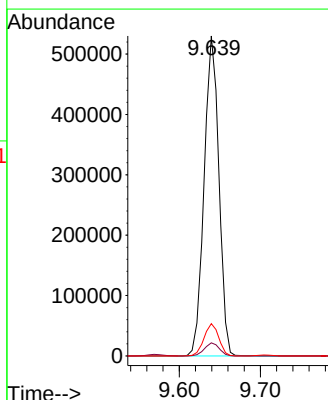
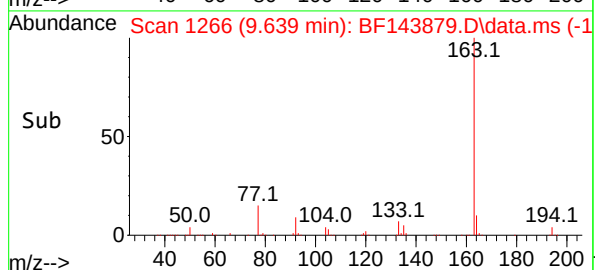
Tgt Ion:163 Resp: 671290

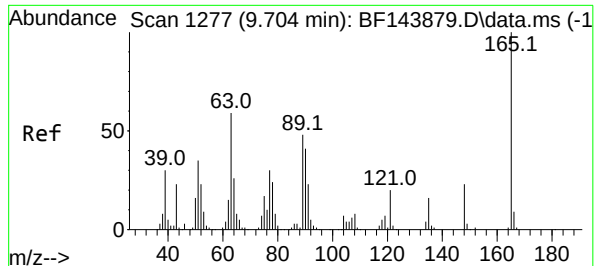
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

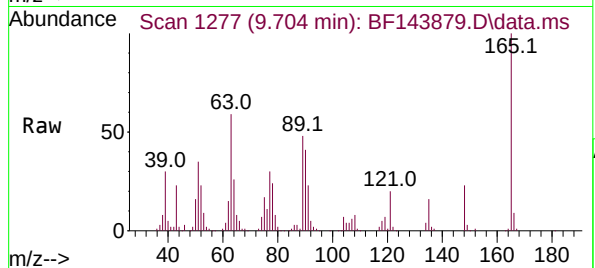
164 10.1 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 44.481 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

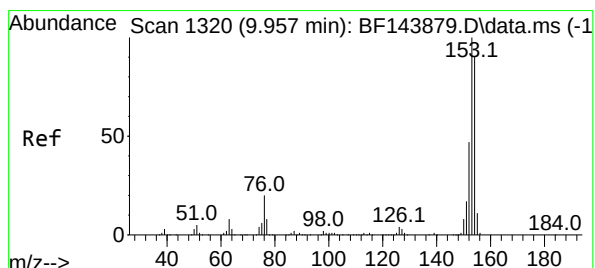
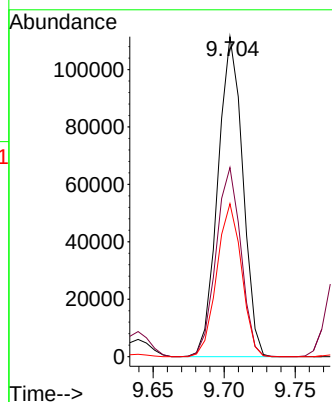
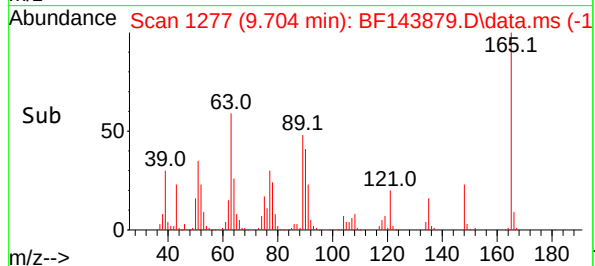
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:165 Resp: 136198  
Ion Ratio Lower Upper  
165 100  
63 59.1 47.3 70.9  
89 47.8 38.2 57.4

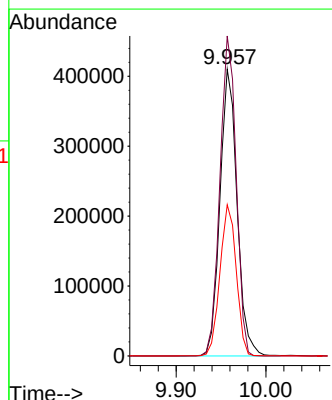
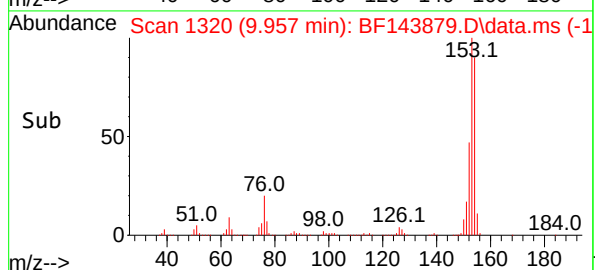
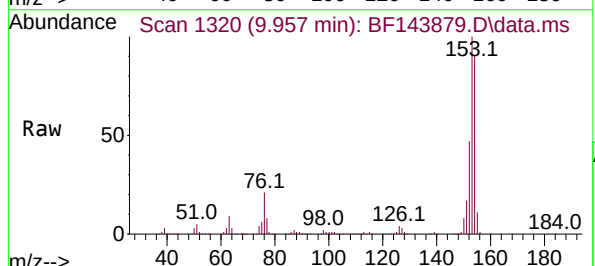
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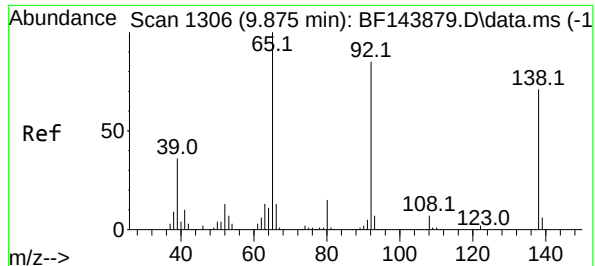
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#52  
Acenaphthene  
Concen: 41.390 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

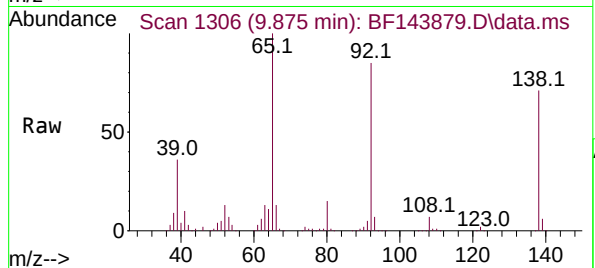
Tgt Ion:154 Resp: 547286  
Ion Ratio Lower Upper  
154 100  
153 111.6 89.3 133.9  
152 52.7 42.2 63.2





#53  
3-Nitroaniline  
Concen: 42.507 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

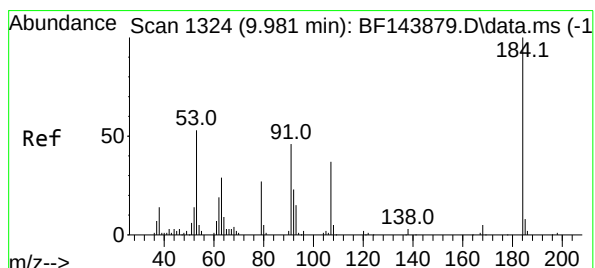
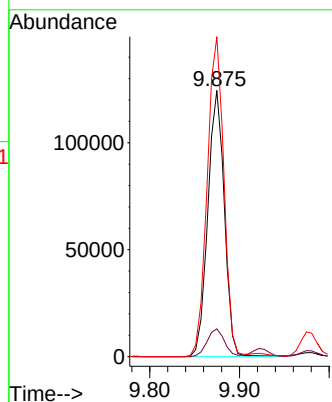
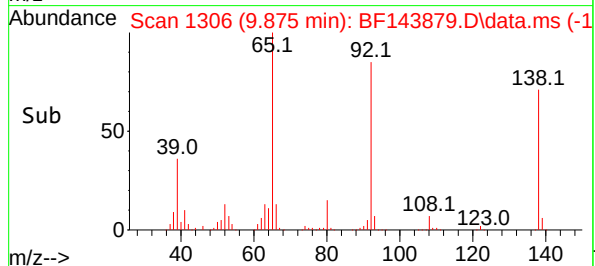
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:138 Resp: 159366  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.3 12.5  
92 120.2 96.2 144.2

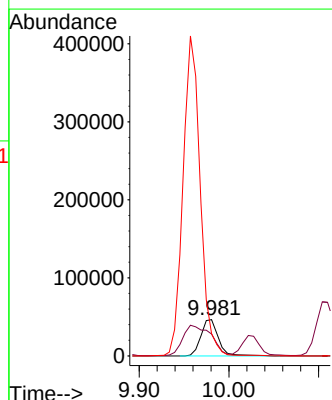
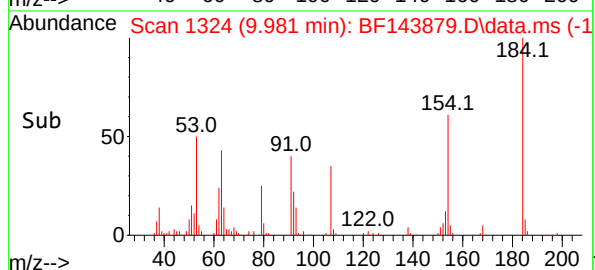
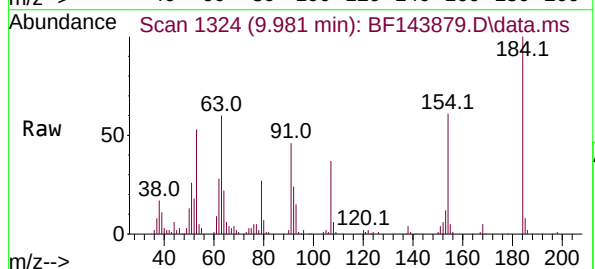
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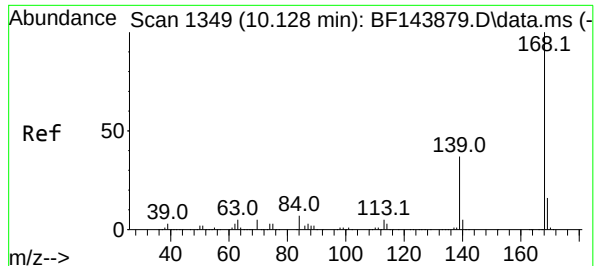
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#54  
2,4-Dinitrophenol  
Concen: 37.010 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.005 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:184 Resp: 62187  
Ion Ratio Lower Upper  
184 100  
63 60.3 48.2 72.4  
154 61.5 49.2 73.8





#55

Dibenzenofuran

Concen: 41.625 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 776950

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

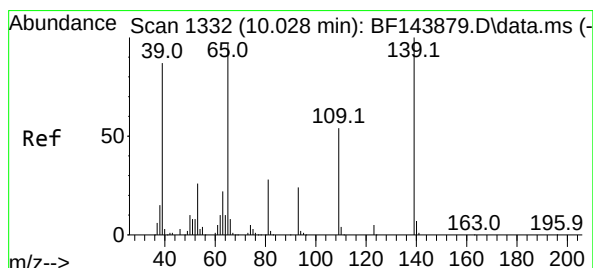
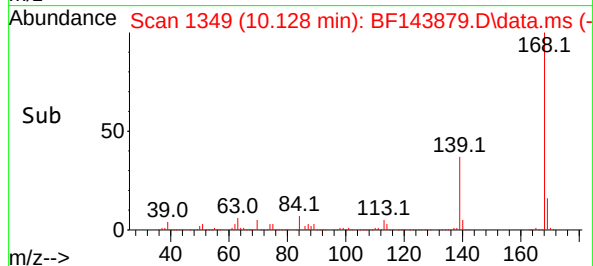
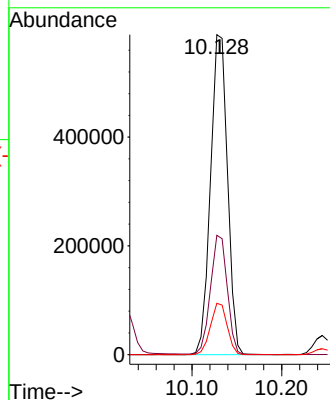
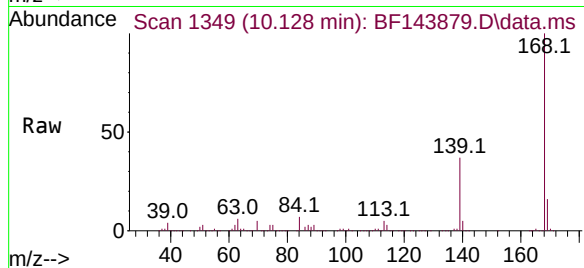
169 16.0 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

Concen: 42.807 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.011 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

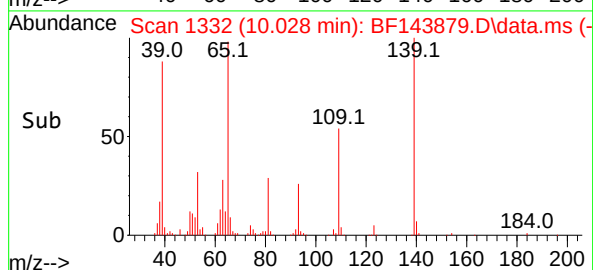
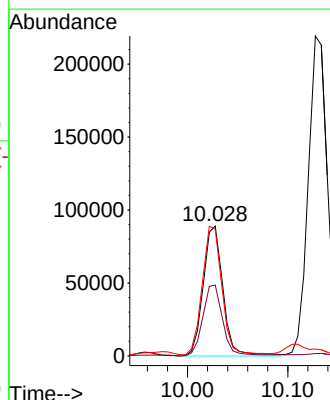
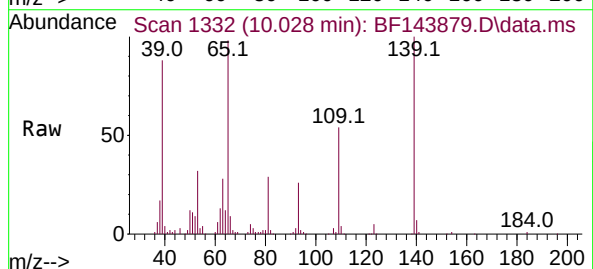
Tgt Ion:139 Resp: 121519

Ion Ratio Lower Upper

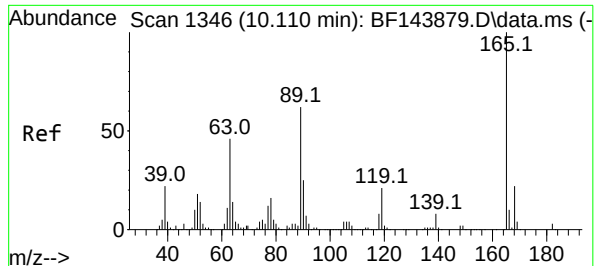
139 100

109 54.5 34.5 74.5

65 97.6 77.6 117.6

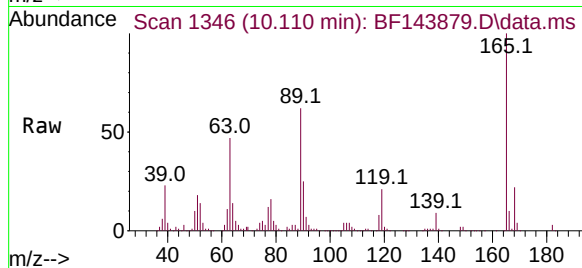






#57  
2,4-Dinitrotoluene  
Concen: 45.597 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

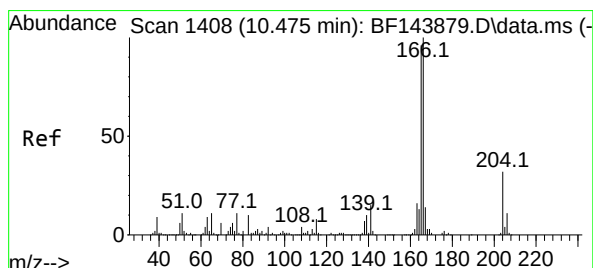
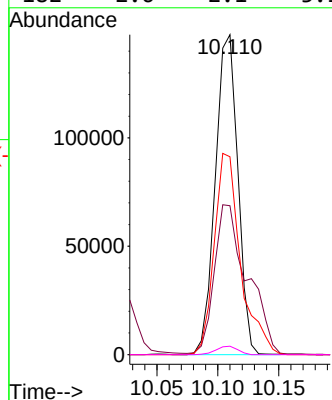
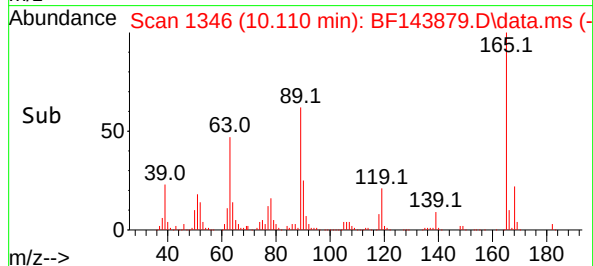
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:165 Resp: 189965  
Ion Ratio Lower Upper  
165 100  
63 46.5 37.2 55.8  
89 61.8 49.4 74.2  
182 2.6 2.1 3.1

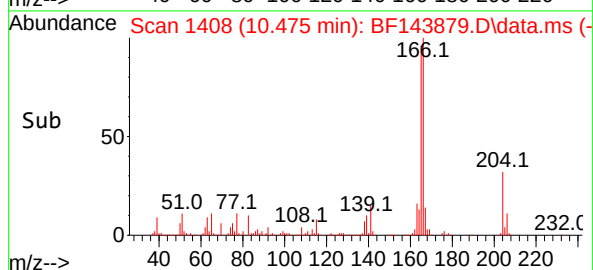
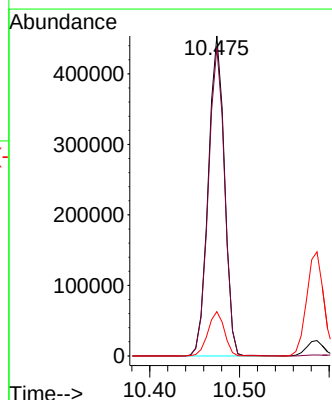
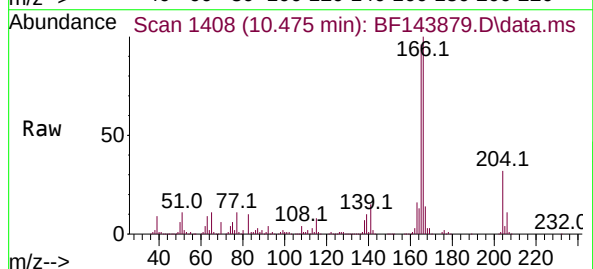
Manual Integrations  
APPROVED

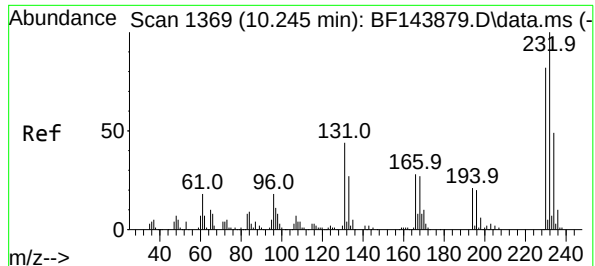
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#58  
Fluorene  
Concen: 40.506 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

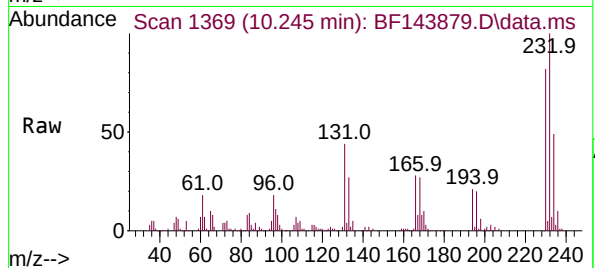
Tgt Ion:166 Resp: 570508  
Ion Ratio Lower Upper  
166 100  
165 96.3 77.0 115.6  
167 13.9 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.006 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

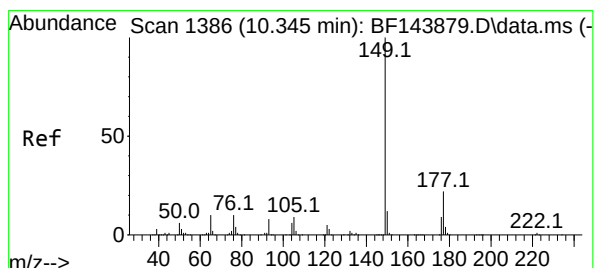
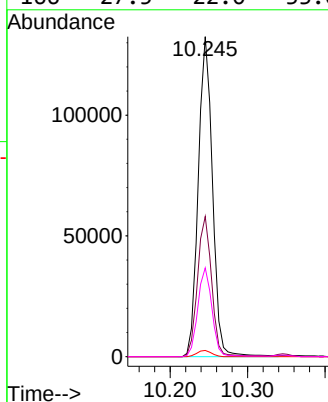
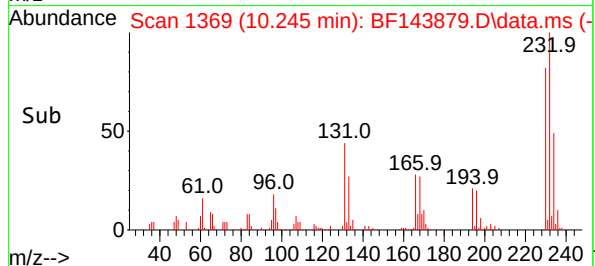
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:232 Resp: 168932  
Ion Ratio Lower Upper  
232 100  
131 43.6 34.9 52.3  
130 2.0 1.6 2.4  
166 27.5 22.0 33.0

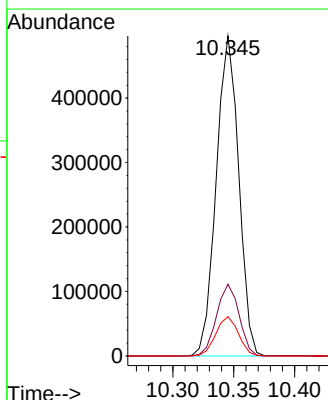
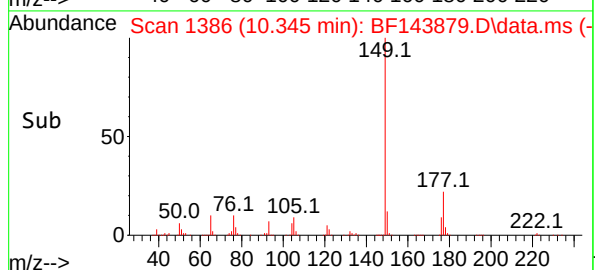
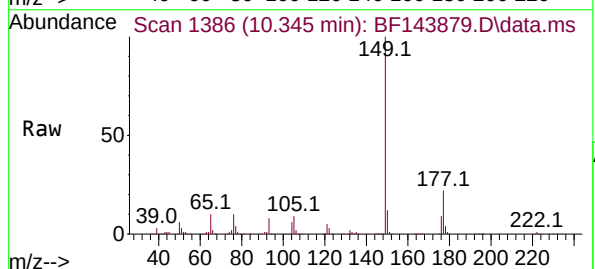
Manual Integrations  
APPROVED

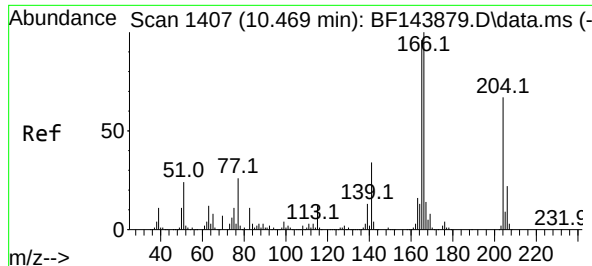
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#60  
Diethylphthalate  
Concen: 41.422 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

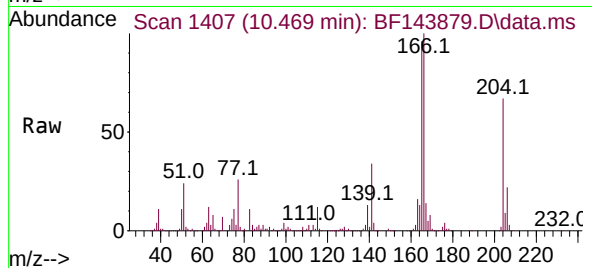
Tgt Ion:149 Resp: 635433  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.9 26.9  
150 12.3 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 41.632 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

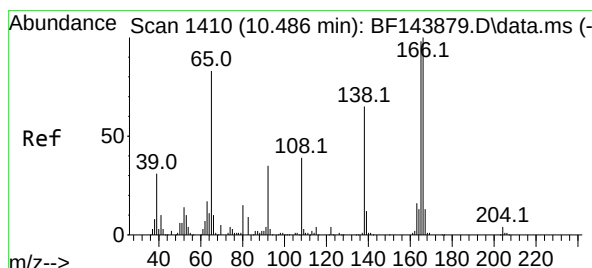
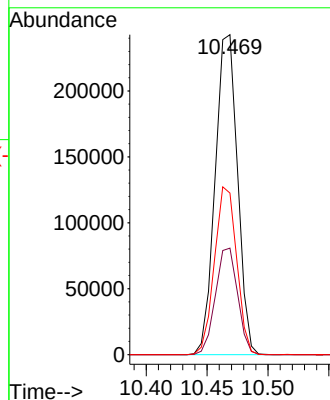
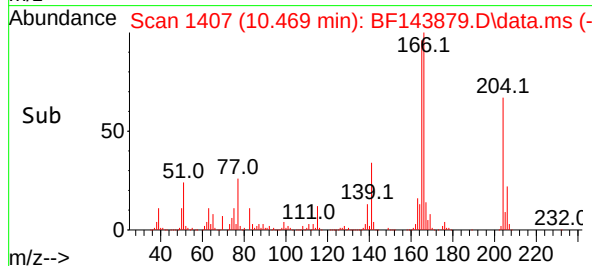
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:204 Resp: 310008  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.6 40.0  
141 50.5 40.4 60.6

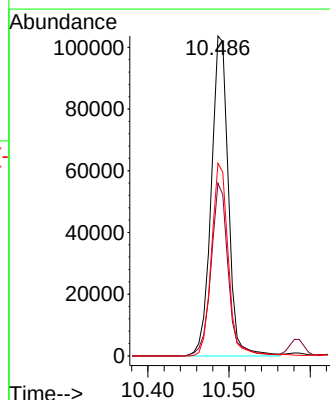
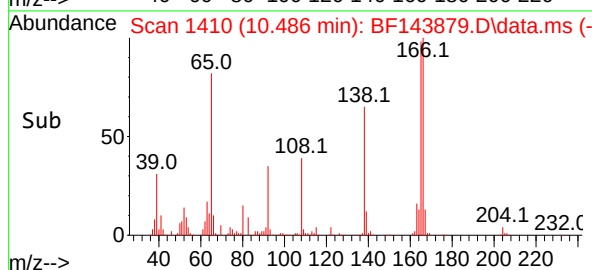
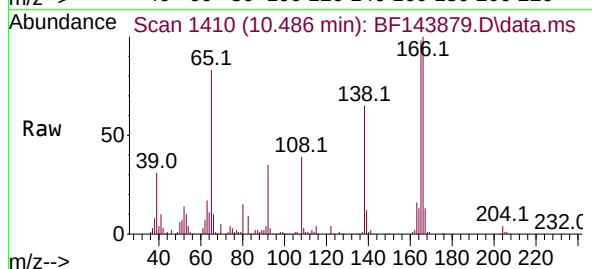
Manual Integrations  
APPROVED

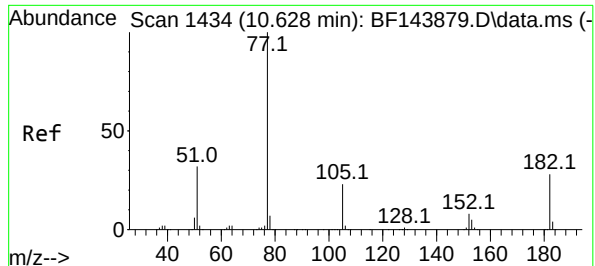
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#62  
4-Nitroaniline  
Concen: 42.123 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

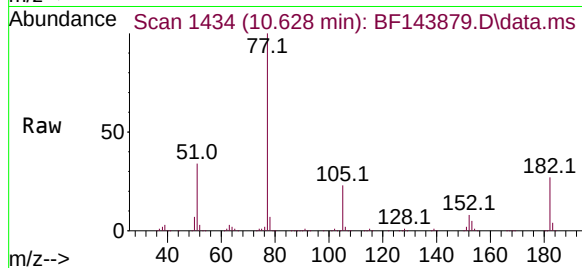
Tgt Ion:138 Resp: 151866  
Ion Ratio Lower Upper  
138 100  
92 53.9 33.9 73.9  
108 60.2 40.2 80.2





#63  
Azobenzene  
Concen: 41.521 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

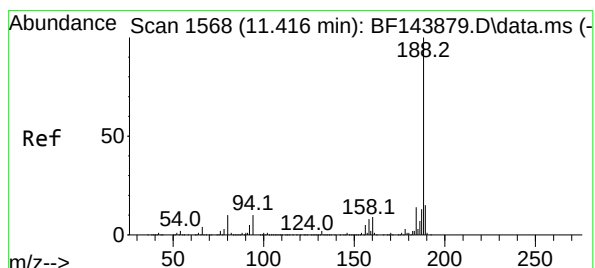
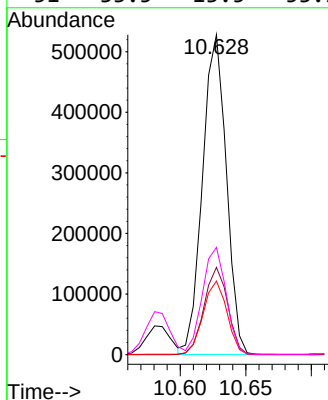
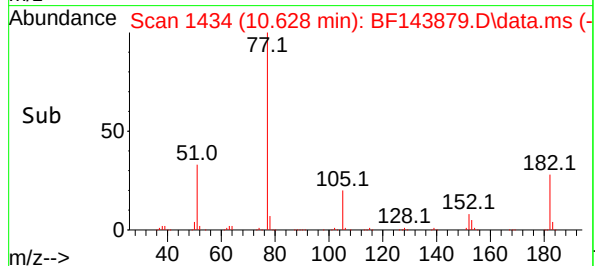
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 77 Resp: 665698  
Ion Ratio Lower Upper  
77 100  
182 27.3 7.3 47.3  
105 23.0 3.0 43.0  
51 33.5 13.5 53.5

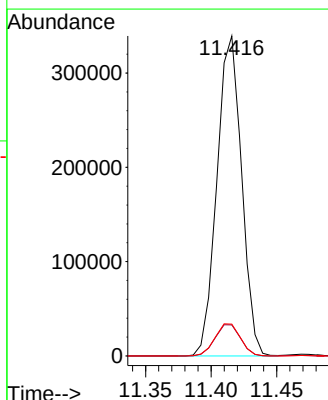
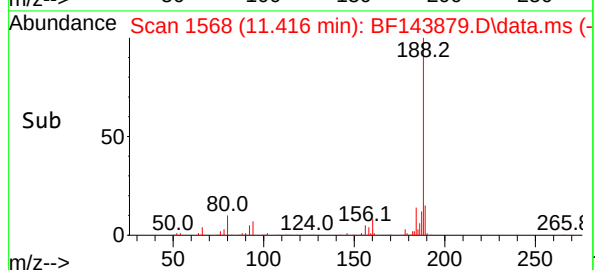
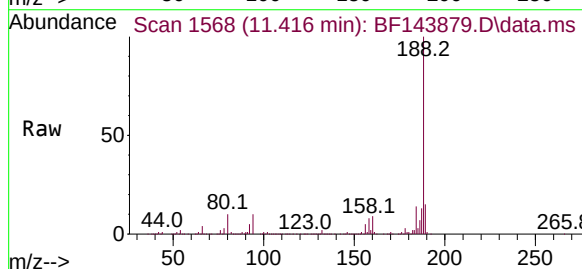
Manual Integrations  
APPROVED

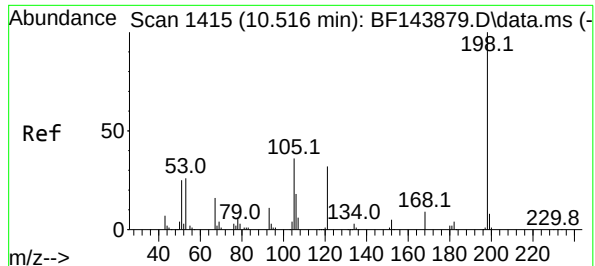
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:188 Resp: 444949  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.8 11.6  
80 9.9 7.9 11.9





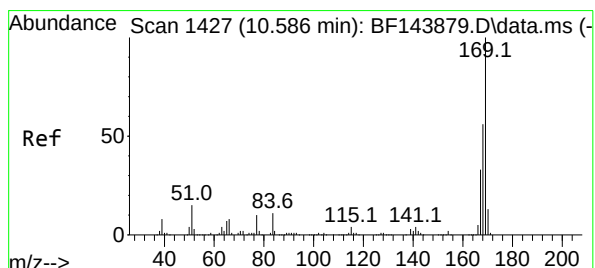
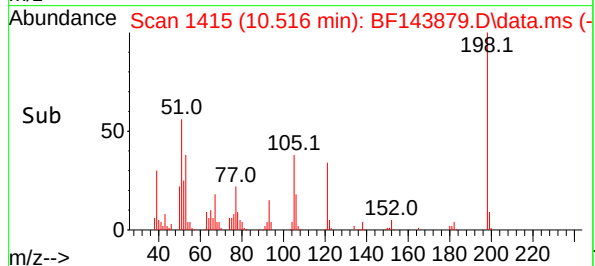
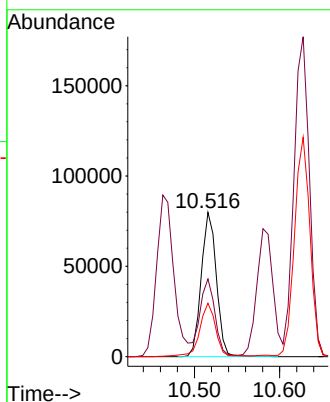
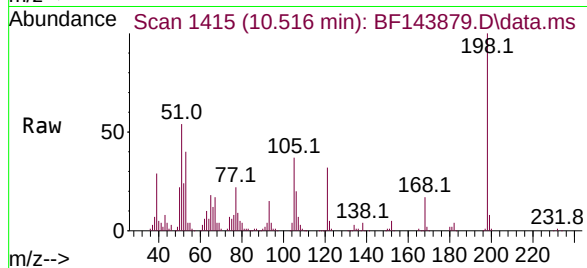
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.075 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:198 Resp: 98551  
Ion Ratio Lower Upper  
198 100  
51 53.8 33.8 73.8  
105 37.0 17.0 57.0

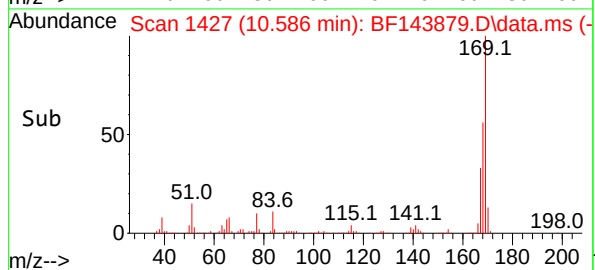
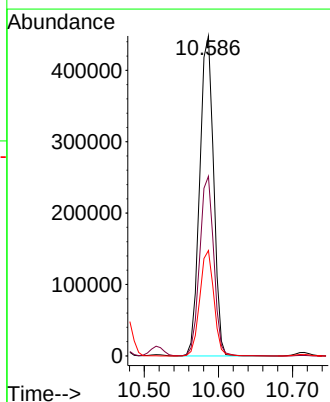
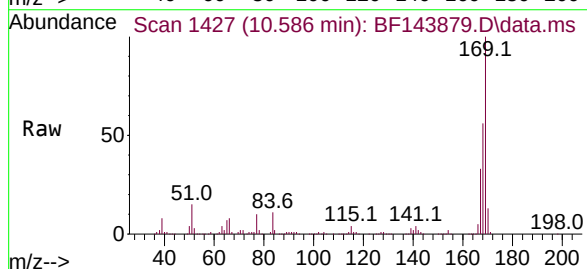
Manual Integrations  
APPROVED

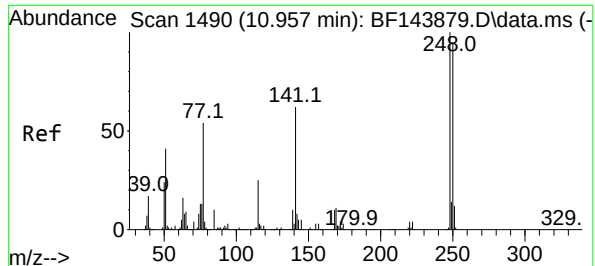
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 41.773 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

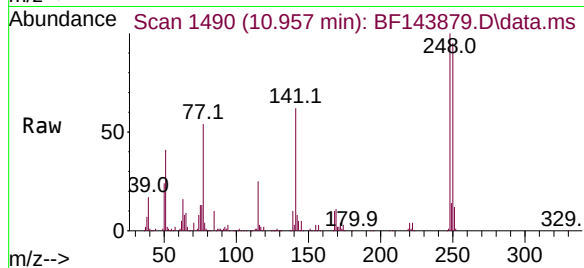
Tgt Ion:169 Resp: 583617  
Ion Ratio Lower Upper  
169 100  
168 56.1 44.9 67.3  
167 32.9 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 41.803 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

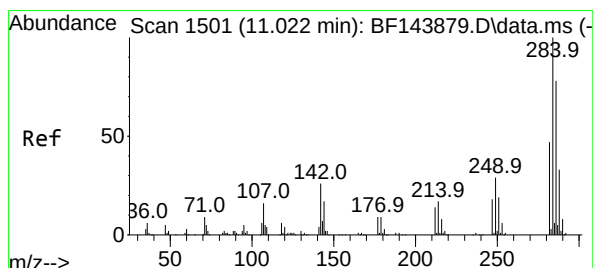
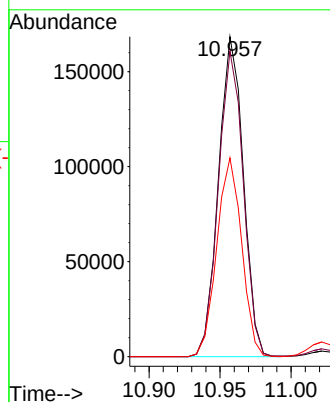
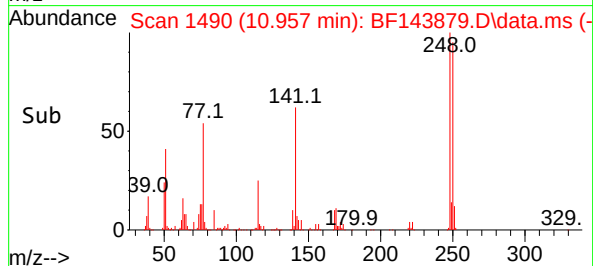
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



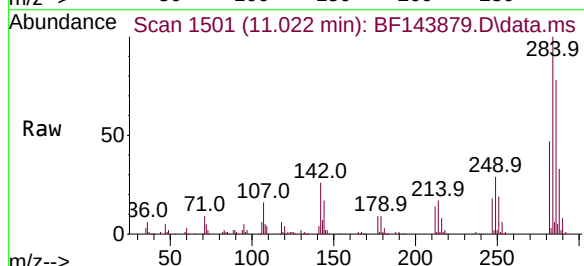
Tgt Ion:248 Resp: 205559  
Ion Ratio Lower Upper  
248 100  
250 95.4 76.3 114.5  
141 62.1 49.7 74.5

Manual Integrations  
APPROVED

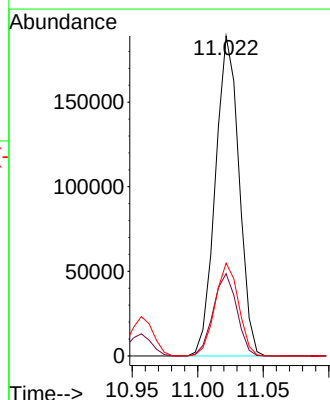
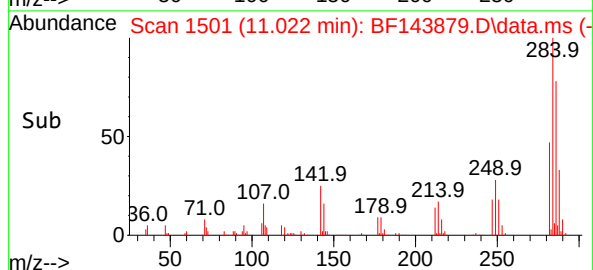
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

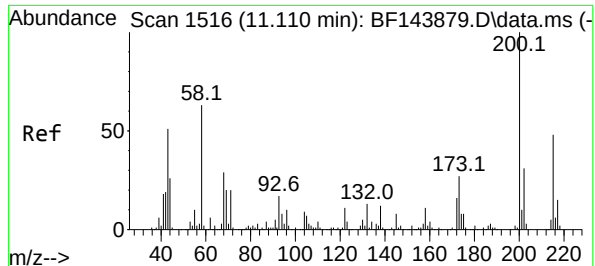


#68  
Hexachlorobenzene  
Concen: 41.695 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54



Tgt Ion:284 Resp: 237363  
Ion Ratio Lower Upper  
284 100  
142 25.7 20.6 30.8  
249 29.0 23.2 34.8





#69

Atrazine

Concen: 40.905 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 173212

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

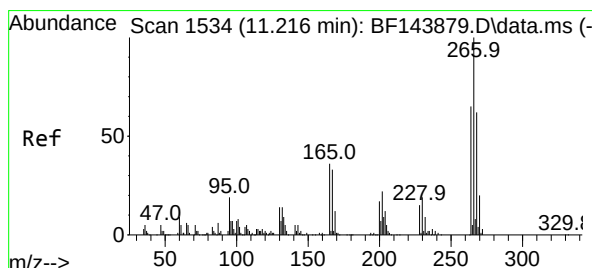
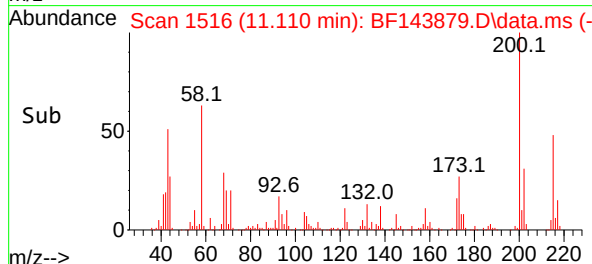
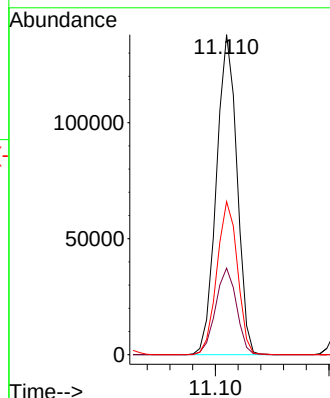
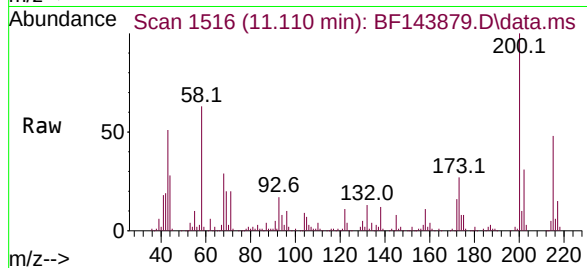
215 47.8 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 42.862 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

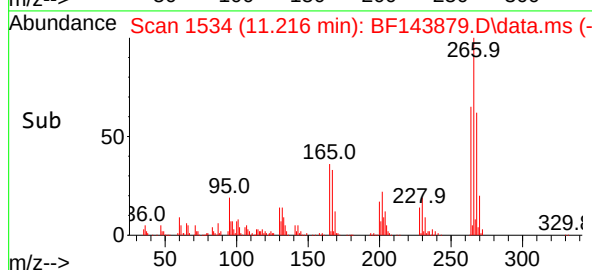
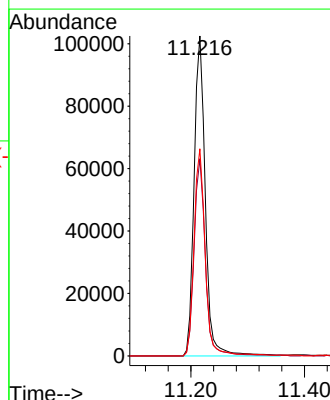
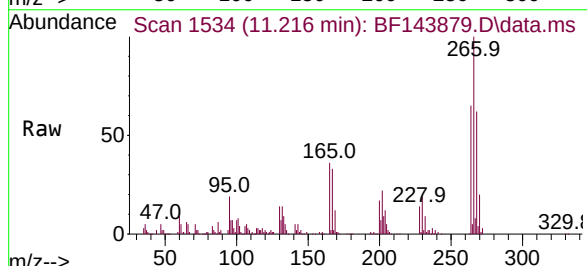
Tgt Ion:266 Resp: 140140

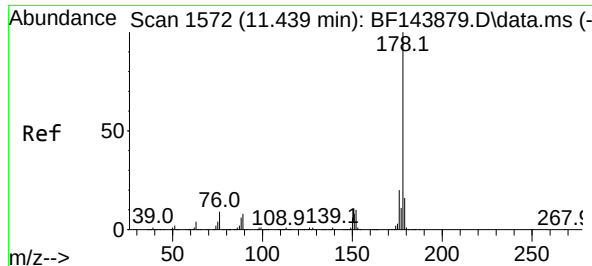
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

264 64.7 51.8 77.6





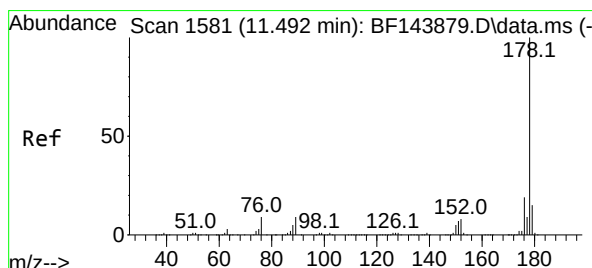
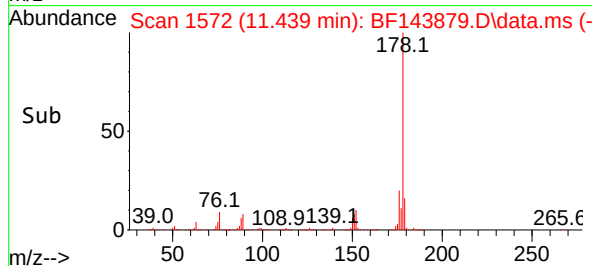
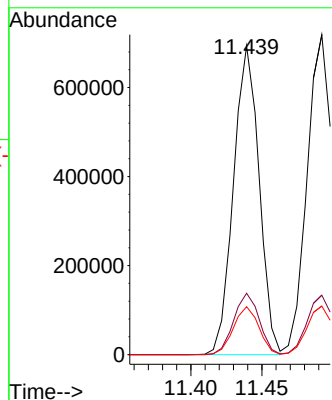
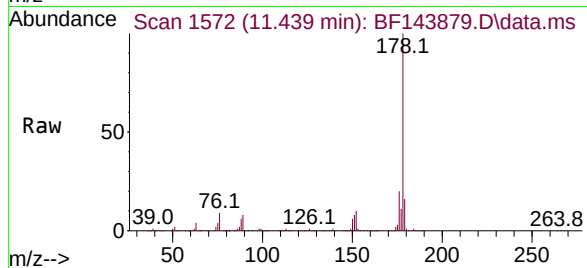
#71  
Phenanthrene  
Concen: 40.266 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040

Tgt Ion:178 Resp: 868592  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.9 23.9  
179 15.5 12.4 18.6

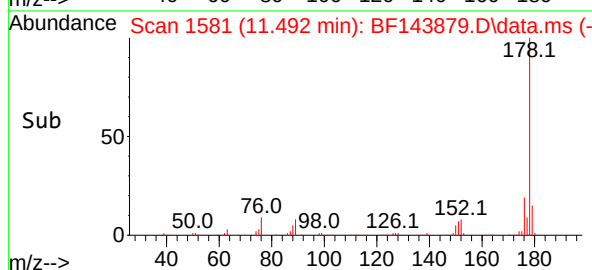
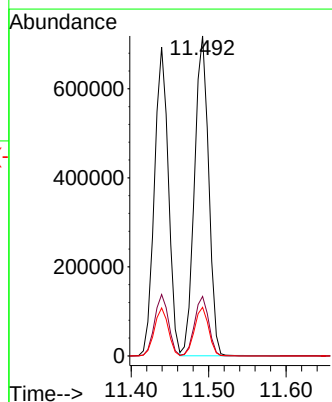
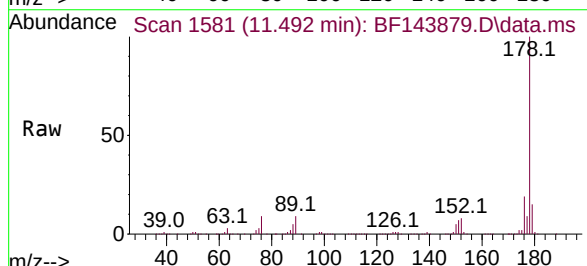
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

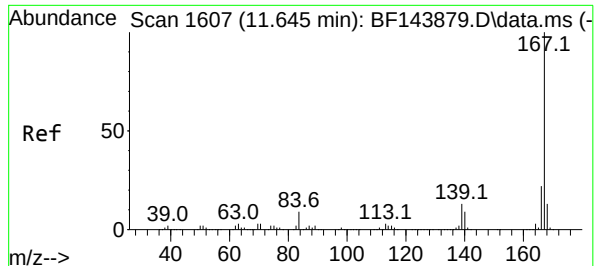


#72  
Anthracene  
Concen: 41.850 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:178 Resp: 912011  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.9 22.3  
179 15.2 12.2 18.2

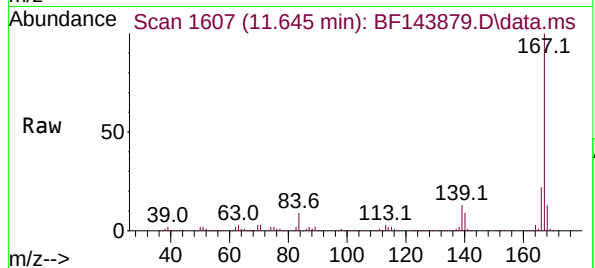






#73  
Carbazole  
Concen: 40.765 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

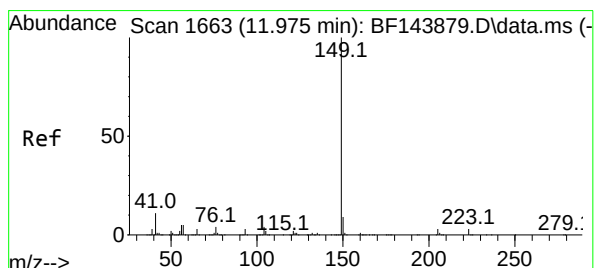
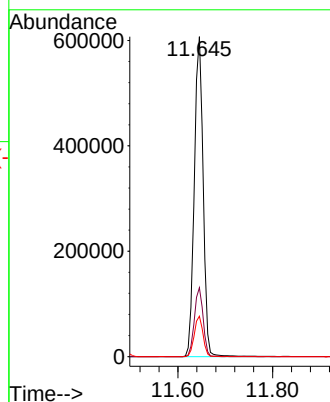
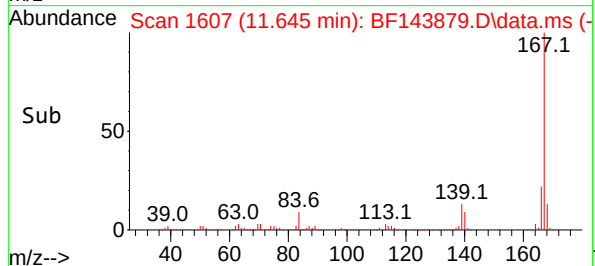
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:167 Resp: 786783  
Ion Ratio Lower Upper  
167 100  
166 21.5 17.2 25.8  
139 12.6 10.1 15.1

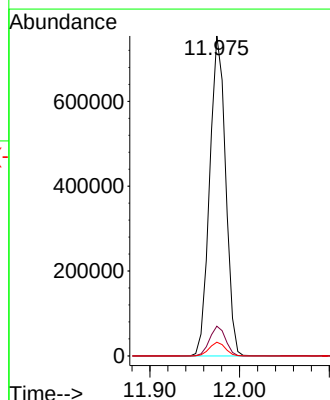
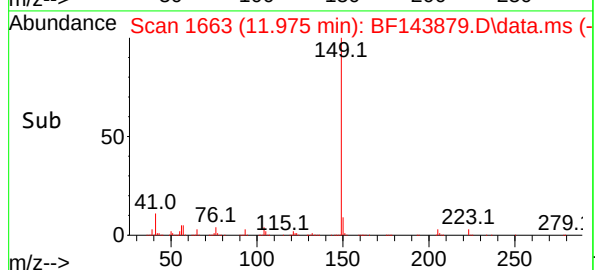
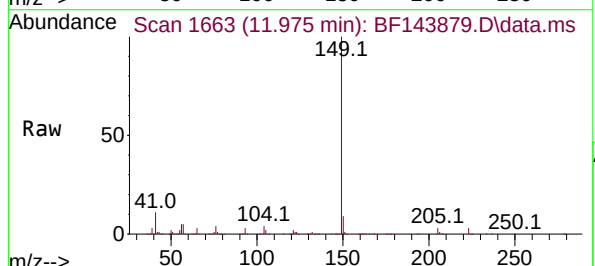
Manual Integrations  
APPROVED

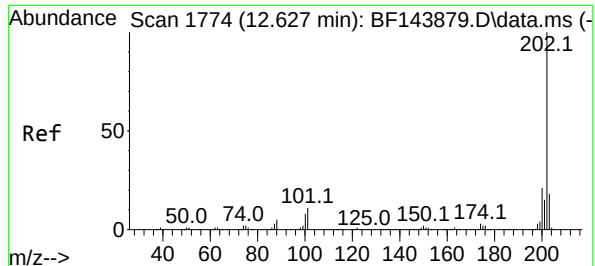
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#74  
Di-n-butylphthalate  
Concen: 41.884 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

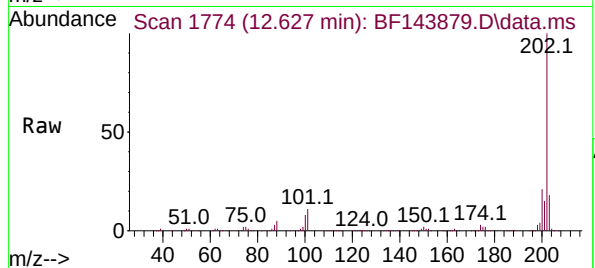
Tgt Ion:149 Resp: 936899  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 4.3 3.4 5.2





#75  
Fluoranthene  
Concen: 41.223 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

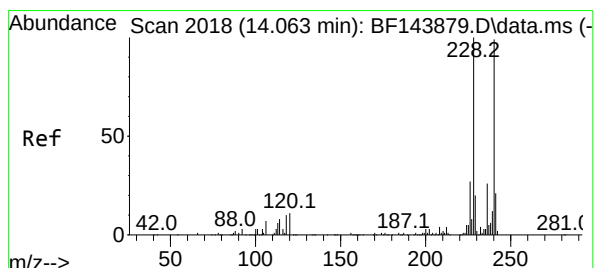
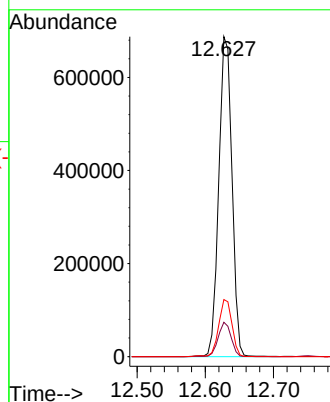
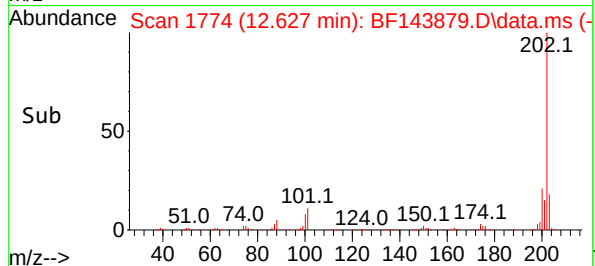
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:202 Resp: 918503  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 30.7  
203 17.8 0.0 37.8

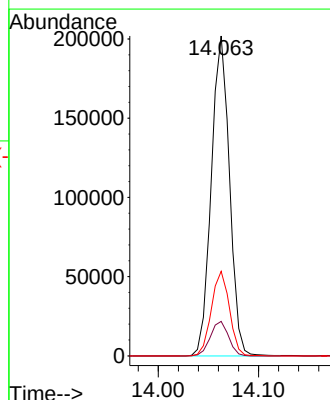
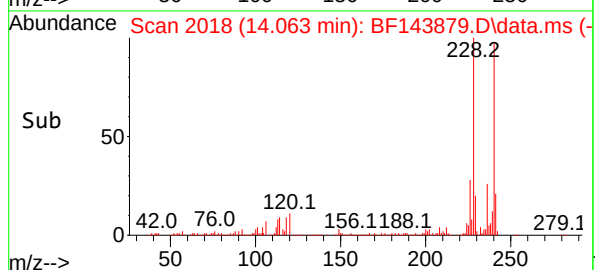
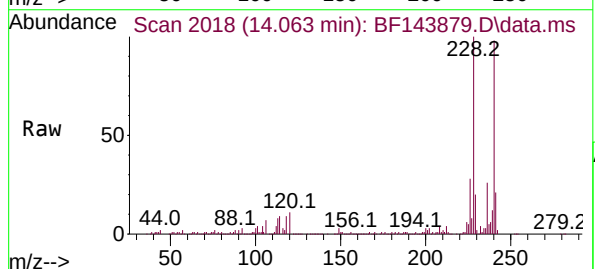
Manual Integrations  
APPROVED

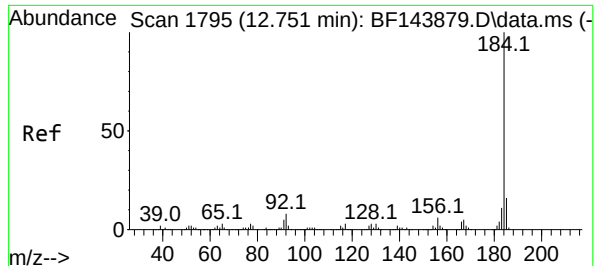
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

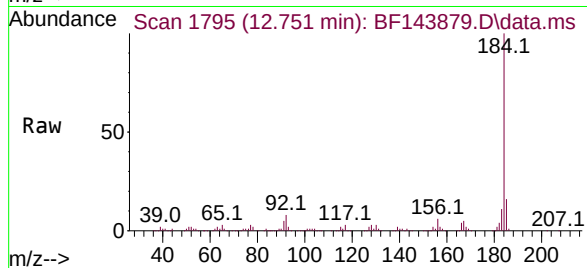
Tgt Ion:240 Resp: 254576  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.6 13.0  
236 26.4 21.1 31.7





#77  
Benzidine  
Concen: 43.833 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

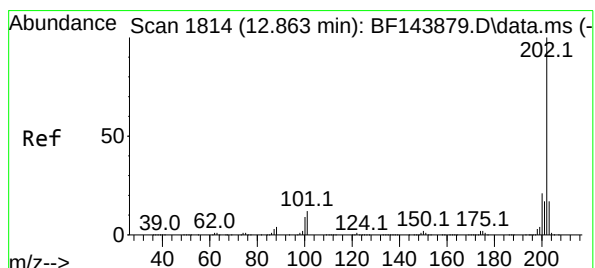
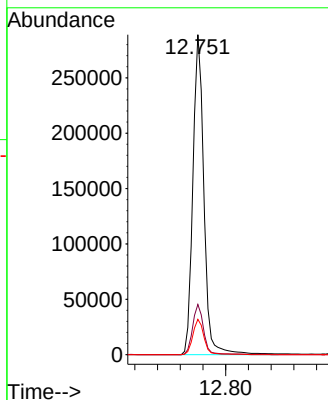
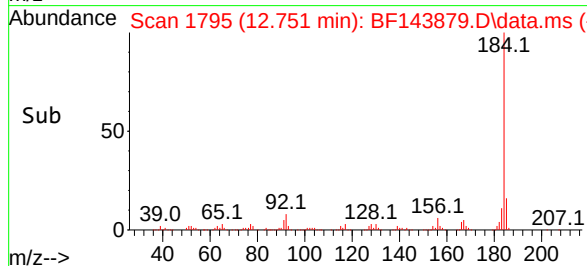
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:184 Resp: 387464  
Ion Ratio Lower Upper  
184 100  
185 15.7 12.6 18.8  
183 11.0 8.8 13.2

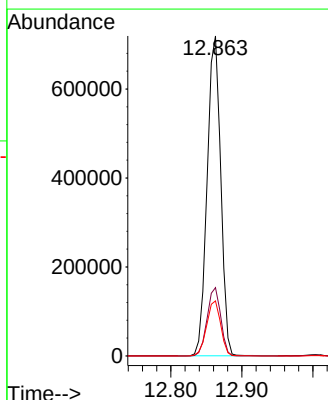
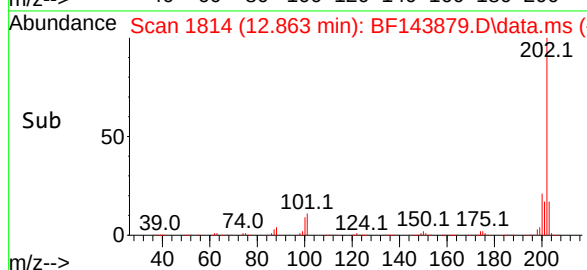
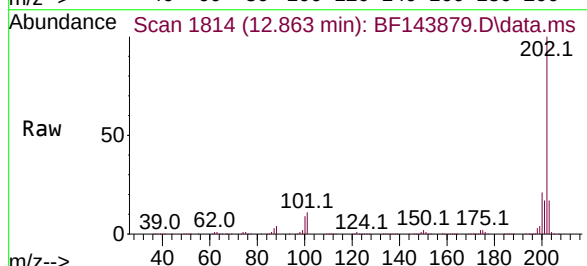
Manual Integrations  
APPROVED

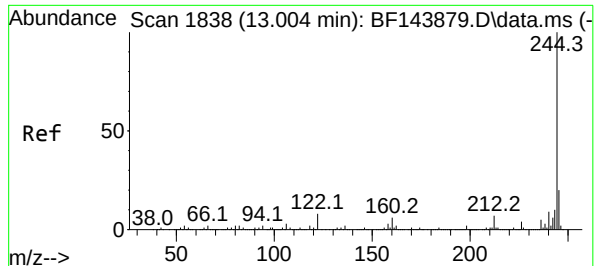
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#78  
Pyrene  
Concen: 44.692 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:202 Resp: 948521  
Ion Ratio Lower Upper  
202 100  
200 21.3 17.0 25.6  
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 87.451 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 1302632

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

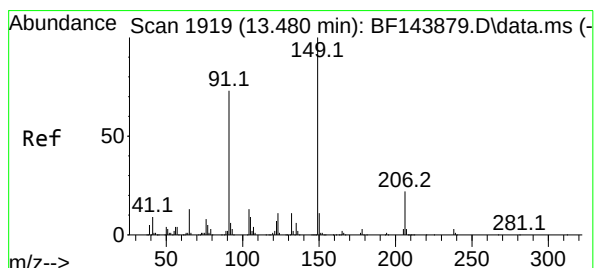
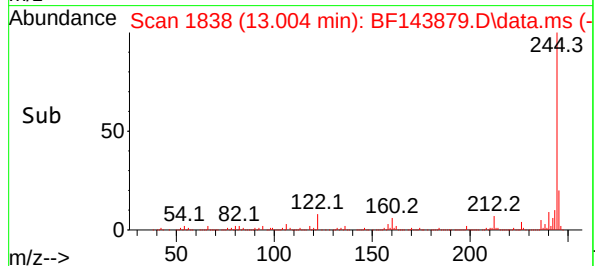
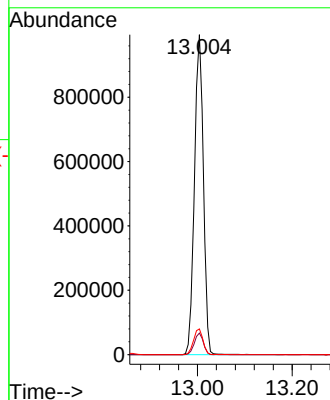
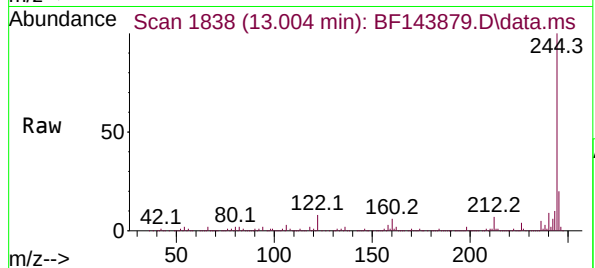
122 8.0 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#80

Butylbenzylphthalate

Concen: 45.804 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

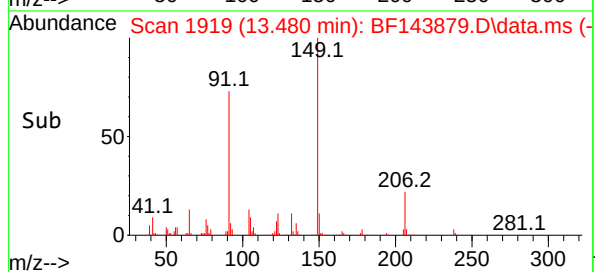
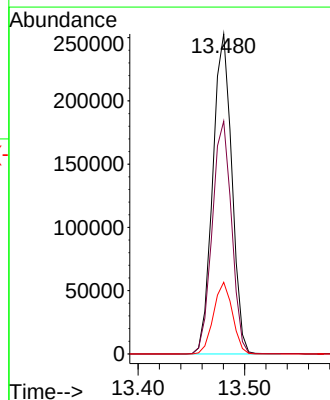
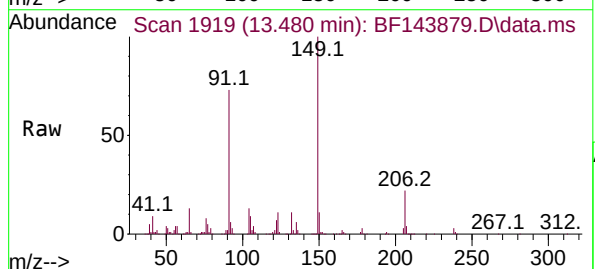
Tgt Ion:149 Resp: 315716

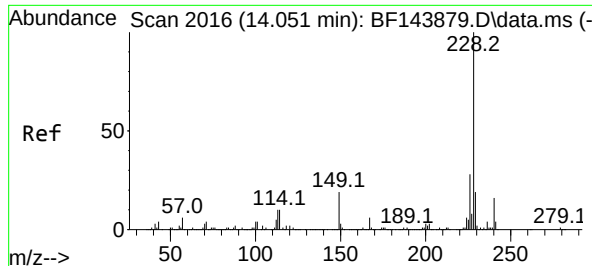
Ion Ratio Lower Upper

149 100

91 72.7 58.2 87.2

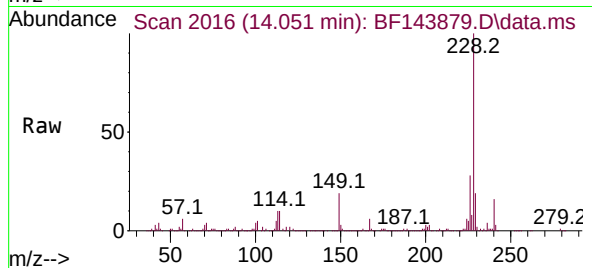
206 22.4 17.9 26.9





#81  
Benzo(a)anthracene  
Concen: 42.715 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

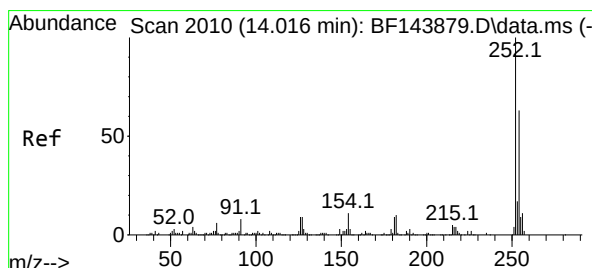
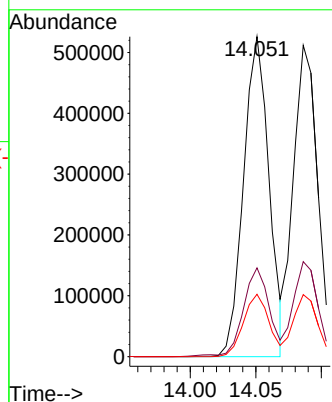
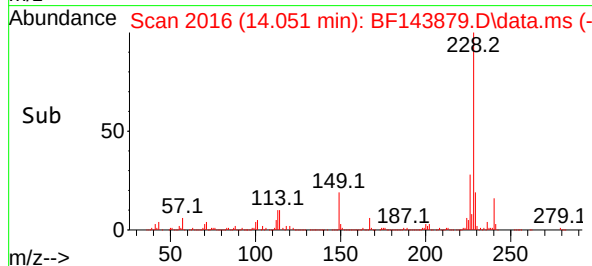
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



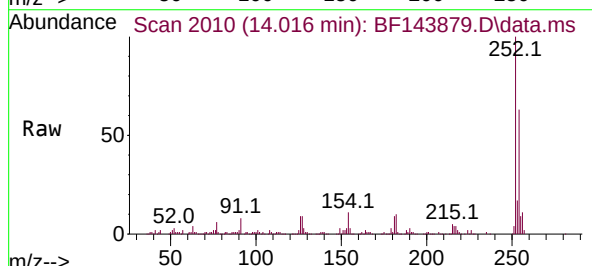
Tgt Ion:228 Resp: 711609  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.2 33.2  
229 19.5 15.6 23.4

Manual Integrations  
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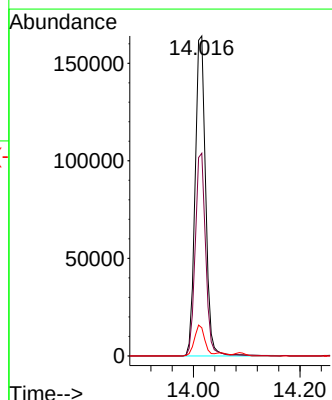
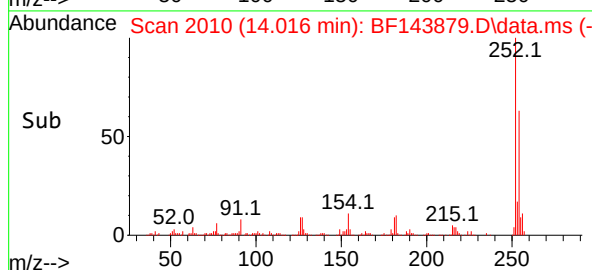
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

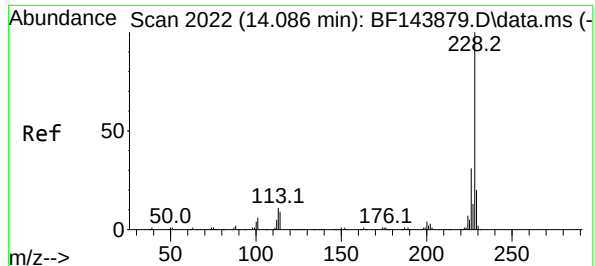


#82  
3,3'-Dichlorobenzidine  
Concen: 44.135 ng  
RT: 14.016 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54



Tgt Ion:252 Resp: 224071  
Ion Ratio Lower Upper  
252 100  
254 63.3 50.6 76.0  
126 8.8 7.0 10.6





#83

Chrysene

Concen: 42.717 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 658639

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

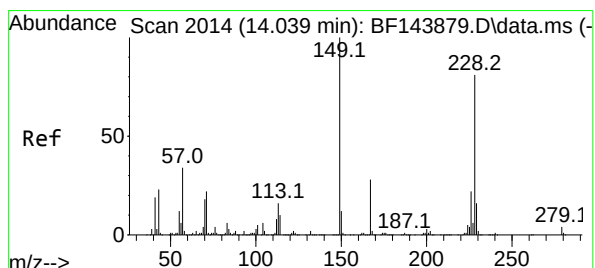
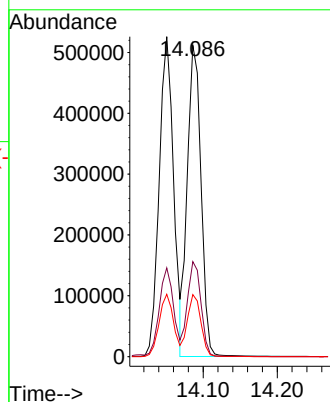
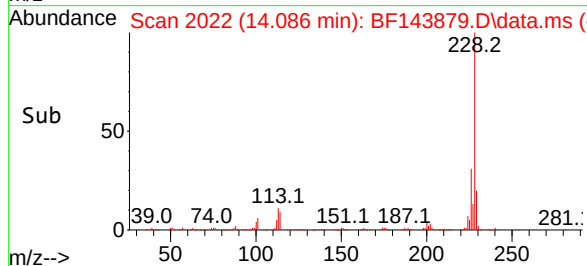
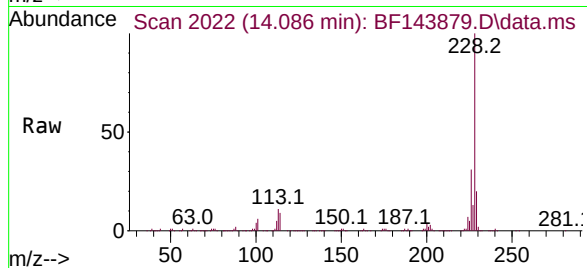
229 19.9 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.286 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

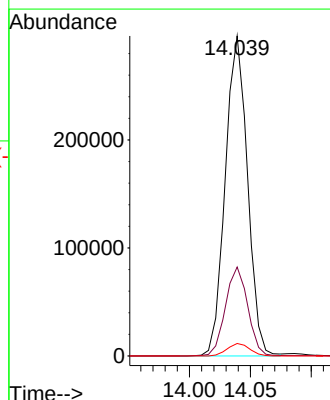
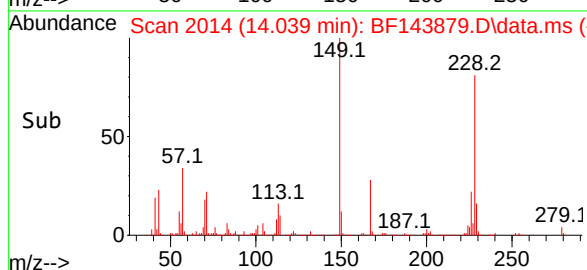
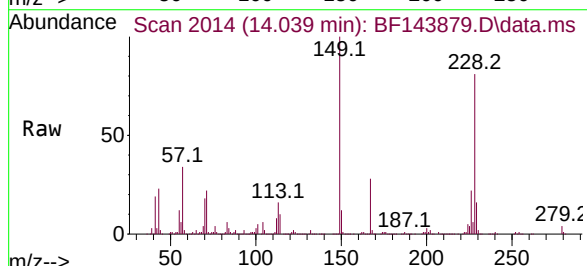
Tgt Ion:149 Resp: 376273

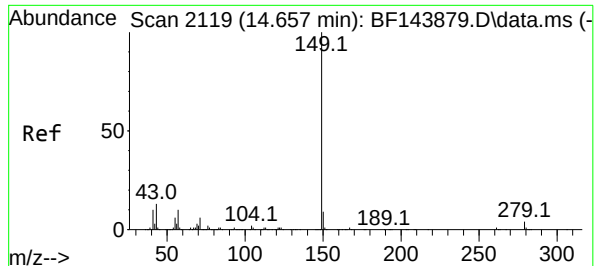
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

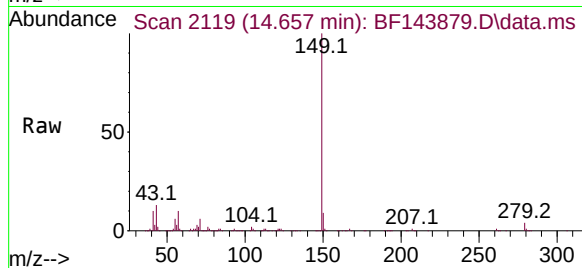
279 3.9 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 44.561 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

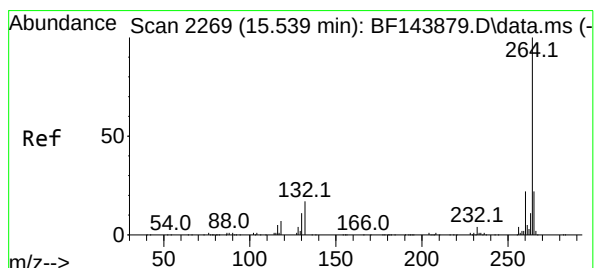
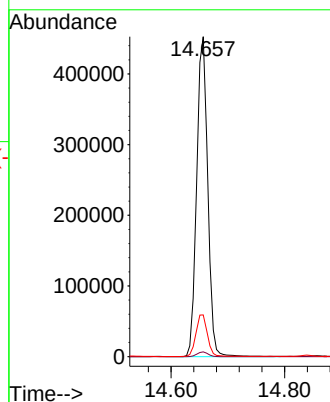
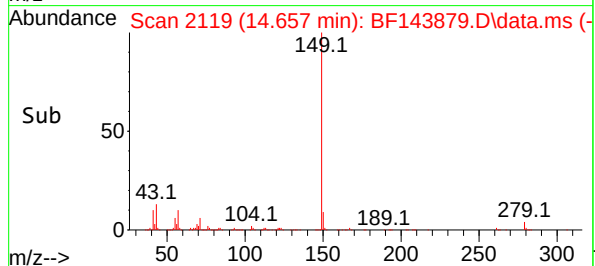
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:149 Resp: 608123  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 13.7 11.0 16.4

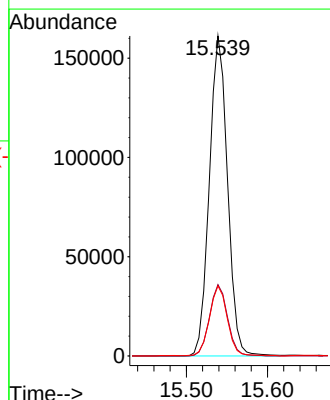
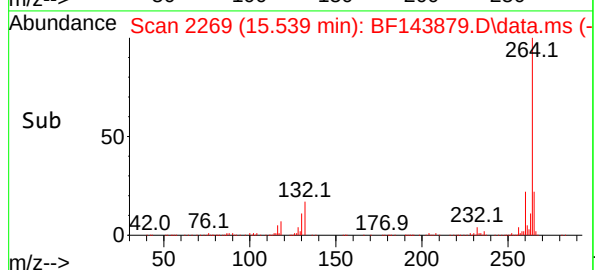
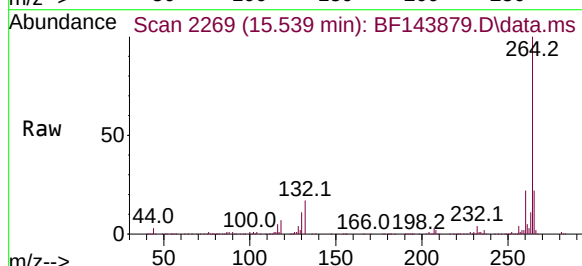
Manual Integrations  
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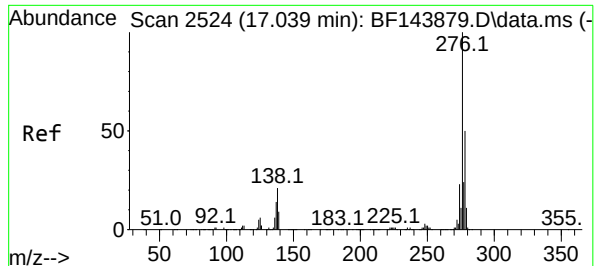
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

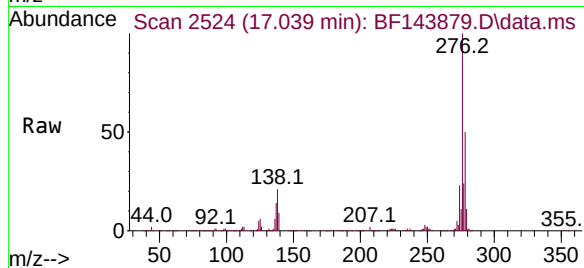
Tgt Ion:264 Resp: 250969  
Ion Ratio Lower Upper  
264 100  
260 22.3 17.8 26.8  
265 21.9 17.5 26.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 45.470 ng  
RT: 17.039 min Scan# 2195  
Delta R.T. -0.017 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

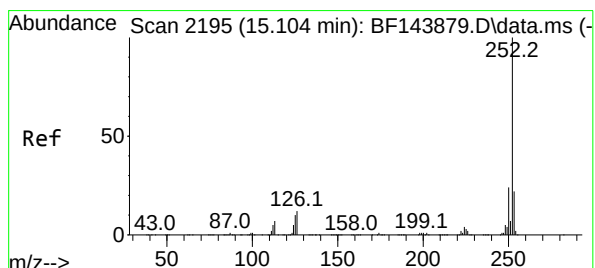
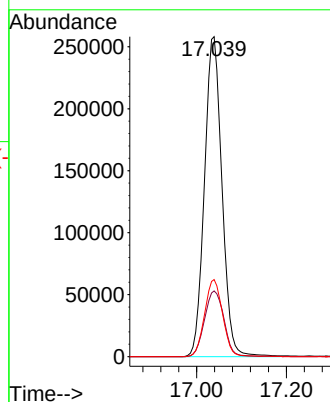
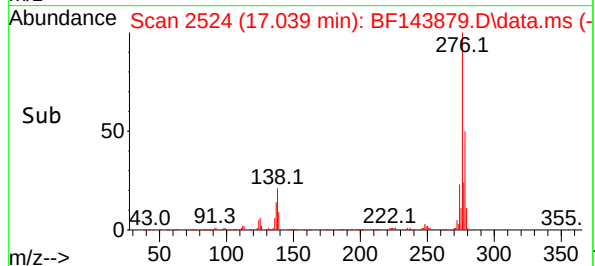
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:276 Resp: 699234  
Ion Ratio Lower Upper  
276 100  
138 22.7 18.2 27.2  
277 24.7 19.8 29.6

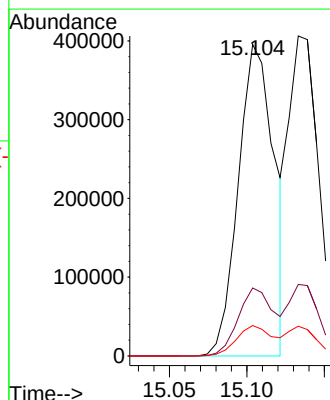
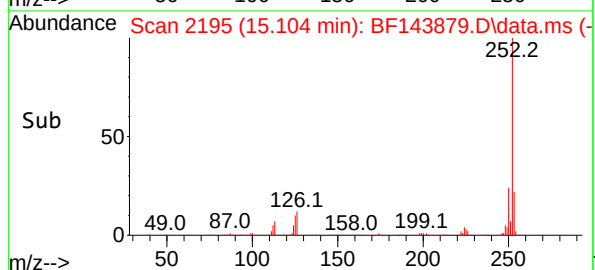
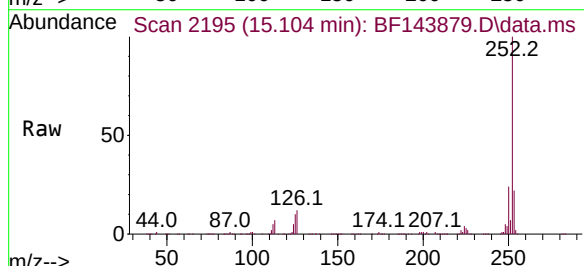
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

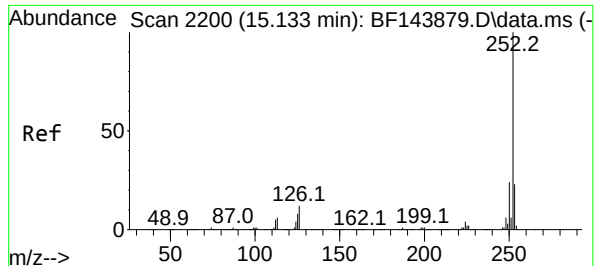


#88  
Benzo(b)fluoranthene  
Concen: 44.178 ng  
RT: 15.104 min Scan# 2195  
Delta R.T. -0.012 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:252 Resp: 636888  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 9.7 7.8 11.6







#89

Benzo(k)fluoranthene

Concen: 41.688 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 55611

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

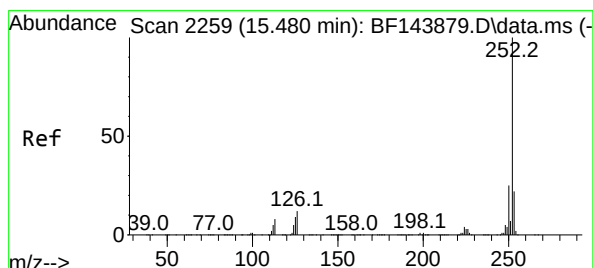
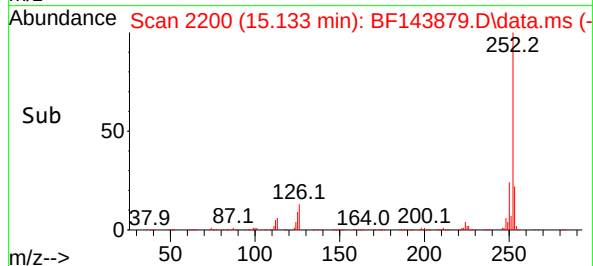
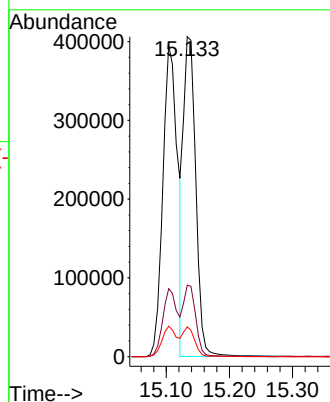
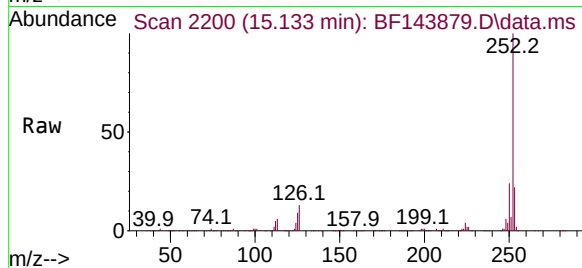
125 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 44.246 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

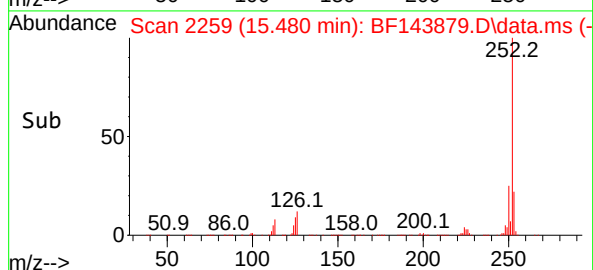
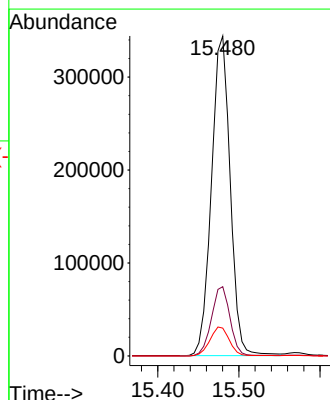
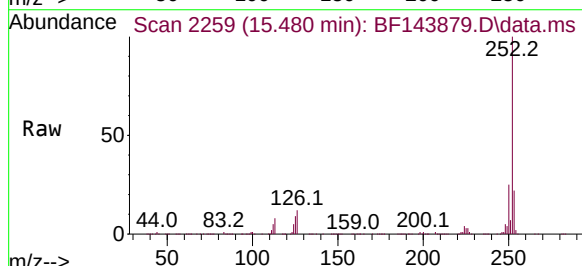
Tgt Ion:252 Resp: 553098

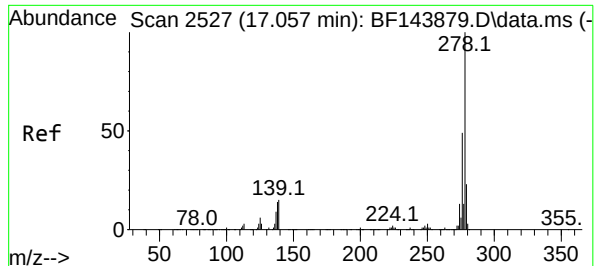
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

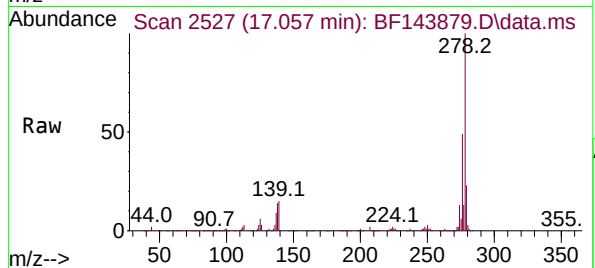
125 8.7 7.0 10.4





#91  
Dibenzo(a,h)anthracene  
Concen: 45.774 ng  
RT: 17.057 min Scan# 2527  
Delta R.T. -0.023 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

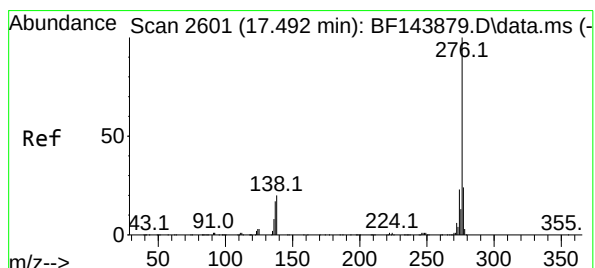
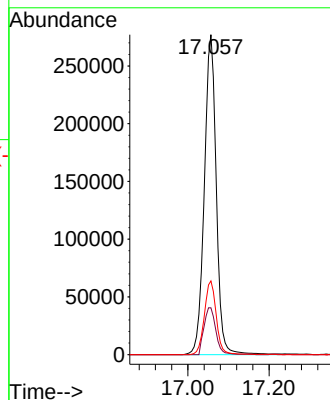
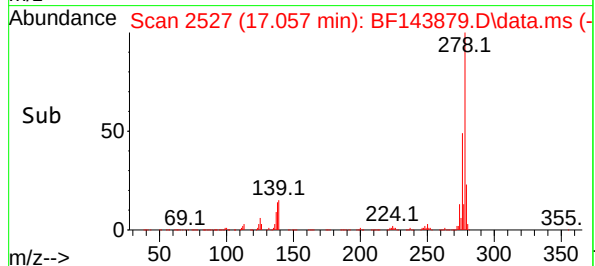
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC040



Tgt Ion:278 Resp: 566134  
Ion Ratio Lower Upper  
278 100  
139 14.6 11.7 17.5  
279 23.0 18.4 27.6

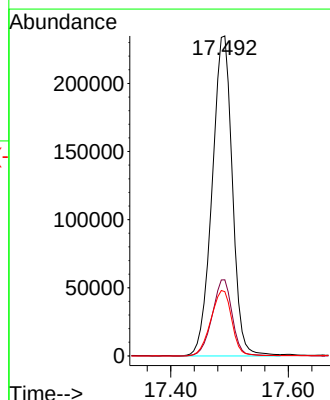
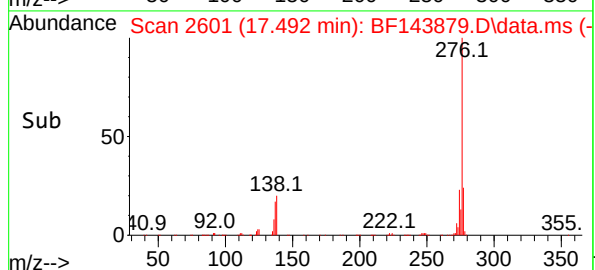
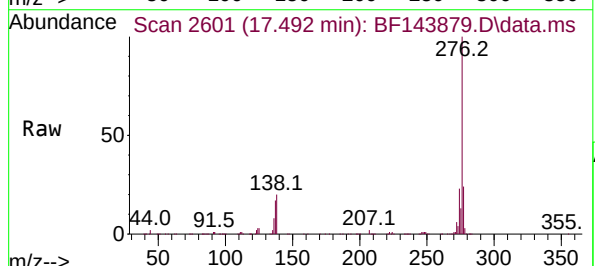
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 45.340 ng  
RT: 17.492 min Scan# 2601  
Delta R.T. -0.023 min  
Lab File: BF143879.D  
Acq: 06 Oct 2025 12:54

Tgt Ion:276 Resp: 560761  
Ion Ratio Lower Upper  
276 100  
277 23.8 19.0 28.6  
138 20.1 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143880.D  
 Acq On : 06 Oct 2025 13:23  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

Quant Time: Oct 06 15:38:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 182011   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 710843   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.928  | 164  | 393762   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 674807   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 390779   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 426414   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 1067519  | 93.138 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1277645  | 93.519 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1148649  | 98.174 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 390657   | 99.608 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1936883  | 78.050 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 2083463  | 91.121 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 247738   | 46.709 | ng    | 99       |
| 3) Pyridine                   | 3.416  | 79   | 759117   | 49.164 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.381  | 42   | 417134   | 51.355 | ng    | 98       |
| 6) Aniline                    | 6.551  | 93   | 994174   | 48.562 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 546266   | 48.757 | ng    | 98       |
| 9) Benzaldehyde               | 6.439  | 77   | 545259   | 51.738 | ng    | 99       |
| 10) Phenol                    | 6.528  | 94   | 799210   | 48.932 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 595127   | 47.169 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 607764   | 45.318 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 603407   | 45.612 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 583790   | 46.072 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 515929   | 50.402 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1368524  | 47.652 | ng    | 99       |
| 17) 2-Methylphenol            | 7.134  | 107  | 448120   | 48.397 | ng    | 99       |
| 18) Hexachloroethane          | 7.398  | 117  | 207432   | 47.017 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 441373   | 47.198 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.292  | 107  | 485879   | 45.276 | ng    | # 83     |
| 22) Acetophenone              | 7.298  | 105  | 665276   | 44.262 | ng    | # 94     |
| 24) Nitrobenzene              | 7.475  | 77   | 625692   | 48.155 | ng    | 98       |
| 25) Isophorone                | 7.716  | 82   | 1181135  | 47.877 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 296399   | 53.208 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 480868   | 47.987 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 706471   | 45.333 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 497289   | 47.642 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 473064   | 46.083 | ng    | 98       |
| 31) Naphthalene               | 8.192  | 128  | 1451547  | 44.890 | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 384635   | 55.462 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 567726   | 46.813 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 325186   | 45.586 | ng    | 99       |
| 35) Caprolactam               | 8.628  | 113  | 167817   | 50.565 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 477376   | 47.612 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 935960   | 43.453 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 918550   | 43.965 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 491771   | 45.187 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 242390   | 53.686 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 376991   | 47.410 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143880.D  
 Acq On : 06 Oct 2025 13:23  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC050

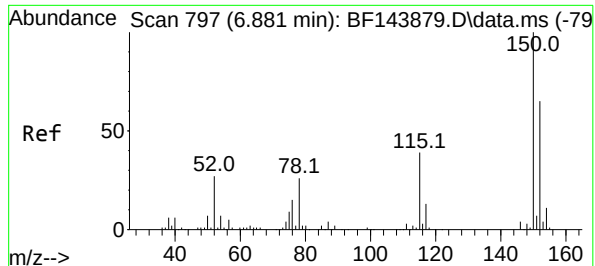
Quant Time: Oct 06 15:38:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 395213   | 47.031 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 1116775  | 42.837 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 972675   | 44.748 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 348179   | 50.665 | ng    | 96       |
| 49) Acenaphthylene            | 9.786  | 152  | 1364193  | 44.642 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 1147448  | 45.888 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 246567   | 53.176 | ng    | 99       |
| 52) Acenaphthene              | 9.963  | 154  | 883487   | 44.122 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.880  | 138  | 291630   | 51.366 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 140496   | 51.801 | ng    | # 82     |
| 55) Dibenzofuran              | 10.133 | 168  | 1233091  | 43.625 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 226765   | 52.750 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 329984   | 52.304 | ng    | 98       |
| 58) Fluorene                  | 10.480 | 166  | 882946   | 41.398 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 294987   | 49.591 | ng    | # 98     |
| 60) Diethylphthalate          | 10.351 | 149  | 1053032  | 45.330 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 477108   | 42.311 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 282713   | 51.782 | ng    | 98       |
| 63) Azobenzene                | 10.627 | 77   | 1096875  | 45.178 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.527 | 198  | 188400   | 55.558 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 943991   | 44.552 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 339818   | 45.566 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 407614   | 47.211 | ng    | 97       |
| 69) Atrazine                  | 11.116 | 200  | 309799   | 48.240 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 259359   | 52.304 | ng    | 98       |
| 71) Phenanthrene              | 11.445 | 178  | 1419666  | 43.395 | ng    | 100      |
| 72) Anthracene                | 11.492 | 178  | 1440404  | 43.583 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 1291982  | 44.139 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 1534951  | 45.246 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1478181  | 43.744 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 636126   | 46.882 | ng    | 99       |
| 78) Pyrene                    | 12.863 | 202  | 1505326  | 46.206 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 532754   | 50.352 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 1203843  | 47.075 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 391334   | 50.214 | ng    | 98       |
| 83) Chrysene                  | 14.092 | 228  | 1090275  | 46.065 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 626818   | 49.146 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 1082833  | 51.691 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 1316167  | 50.373 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 1167220  | 47.652 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 983488   | 43.392 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 997382   | 46.960 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 17.068 | 278  | 1039281  | 49.457 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.503 | 276  | 1056021  | 50.253 | ng    | 100      |

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

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC050

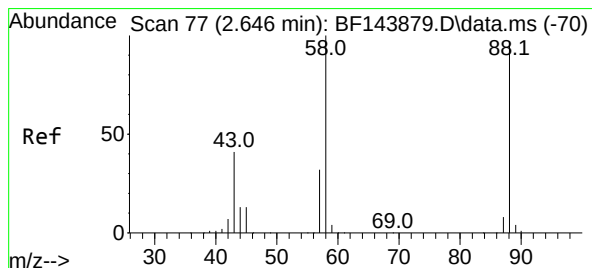
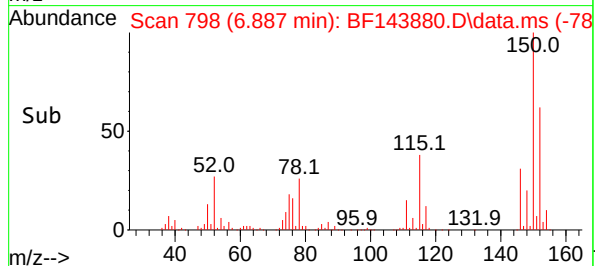
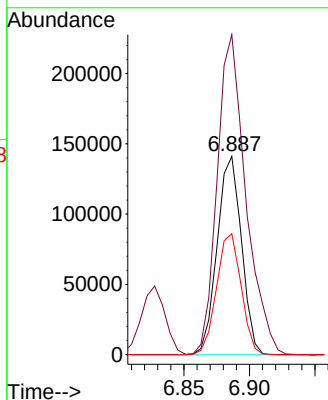
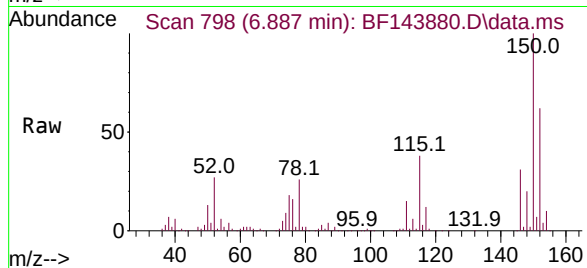
[illegible]



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 79  
Delta R.T. 0.001 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

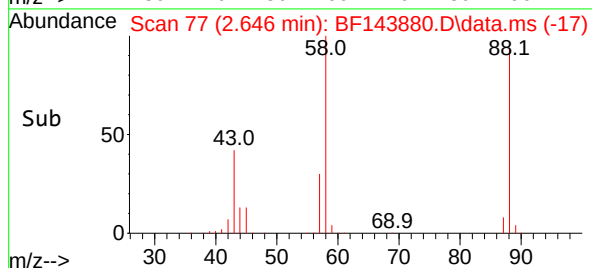
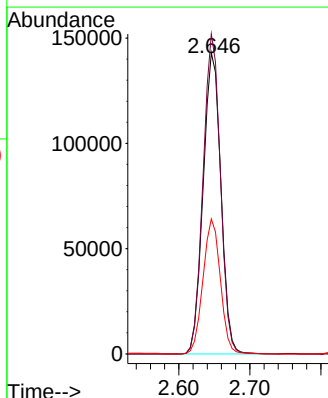
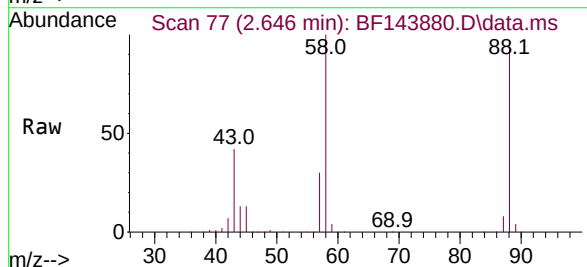
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

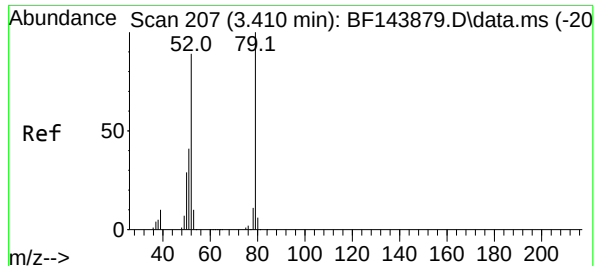
Tgt Ion:152 Resp: 182011  
Ion Ratio Lower Upper  
152 100  
150 161.3 124.4 186.6  
115 60.9 48.1 72.1



#2  
1,4-Dioxane  
Concen: 46.709 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 88 Resp: 247738  
Ion Ratio Lower Upper  
88 100  
58 103.6 83.0 124.6  
43 43.8 33.9 50.9





#3

Pyridine

Concen: 49.164 ng

RT: 3.416 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143880.D

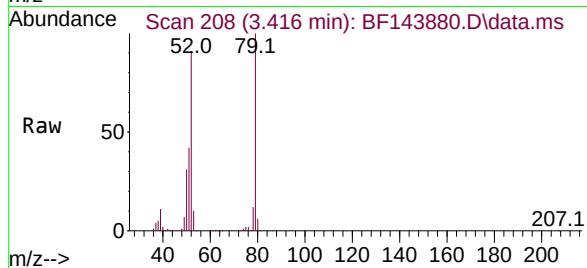
Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

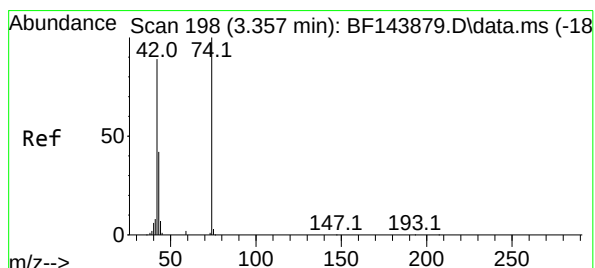
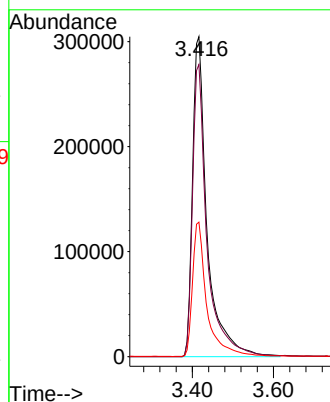
ClientSampleId :

SSTDICC050



Tgt Ion: 79 Resp: 759117

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 91.3  | 71.5  | 107.3 |
| 51  | 42.0  | 32.9  | 49.3  |



#4

n-Nitrosodimethylamine

Concen: 51.355 ng

RT: 3.381 min Scan# 202

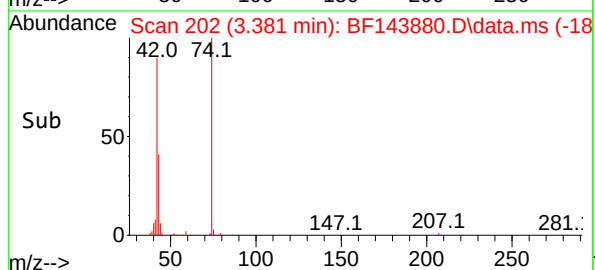
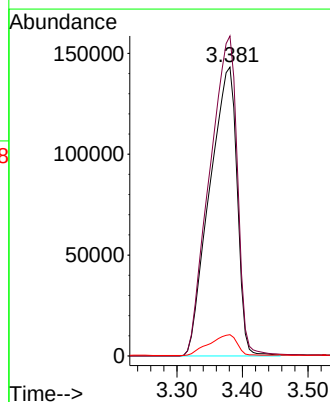
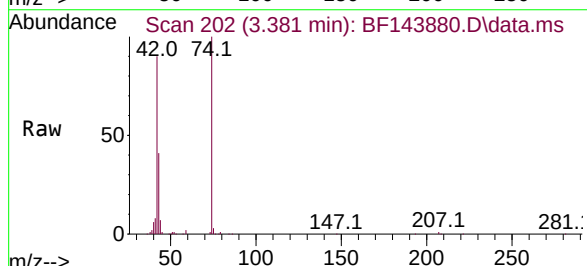
Delta R.T. -0.006 min

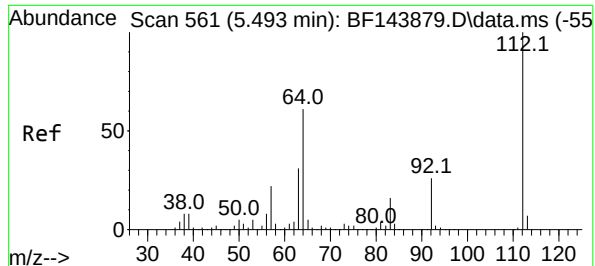
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 42 Resp: 417134

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 110.8 | 90.0  | 135.0 |
| 44  | 7.3   | 6.2   | 9.2   |

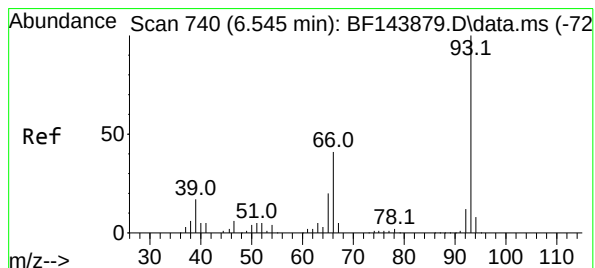
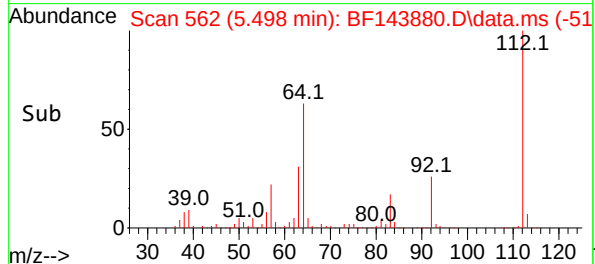
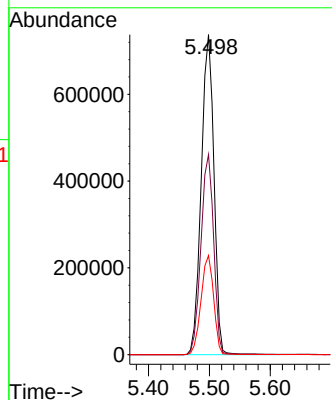
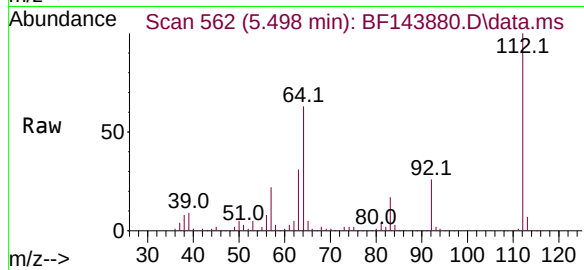




#5  
2-Fluorophenol  
Concen: 93.138 ng  
RT: 5.498 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

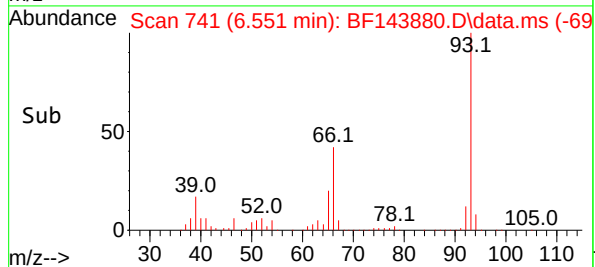
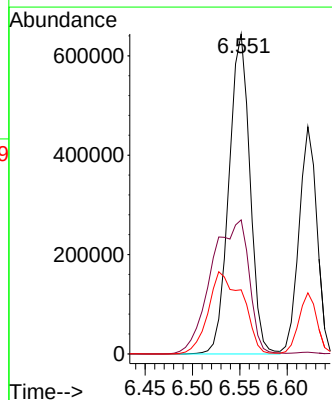
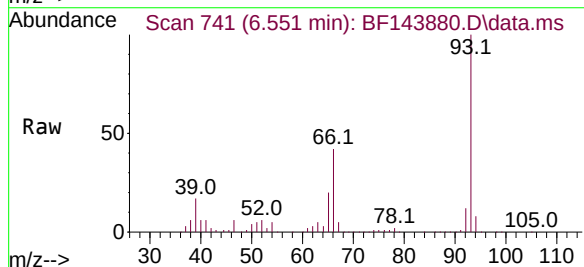
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:112 Resp: 1067519  
Ion Ratio Lower Upper  
112 100  
64 62.5 49.1 73.7  
63 31.0 24.5 36.7

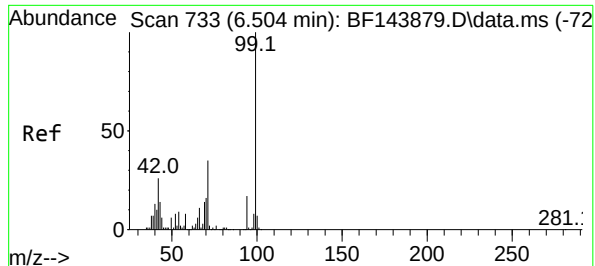


#6  
Aniline  
Concen: 48.562 ng  
RT: 6.551 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 93 Resp: 994174  
Ion Ratio Lower Upper  
93 100  
66 41.9 33.0 49.6  
65 20.0 15.8 23.8



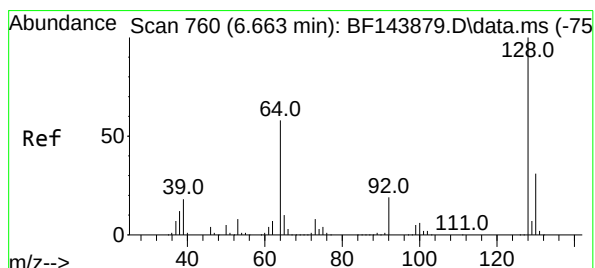
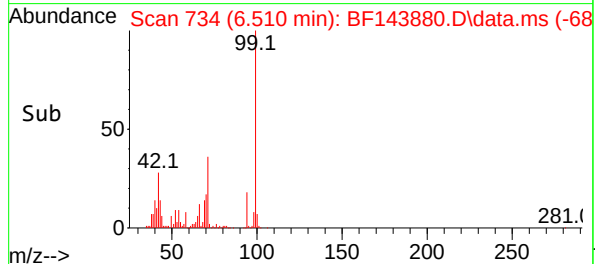
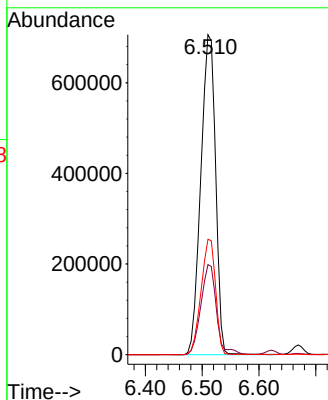
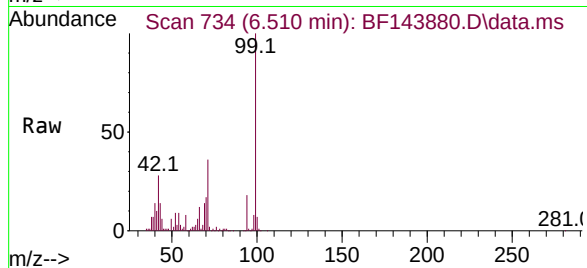




#7  
Phenol-d6  
Concen: 93.519 ng  
RT: 6.510 min Scan# 734  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

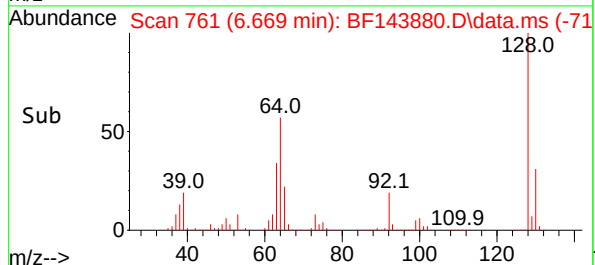
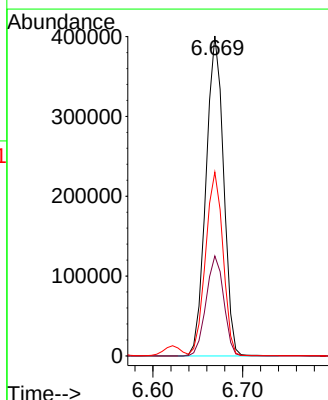
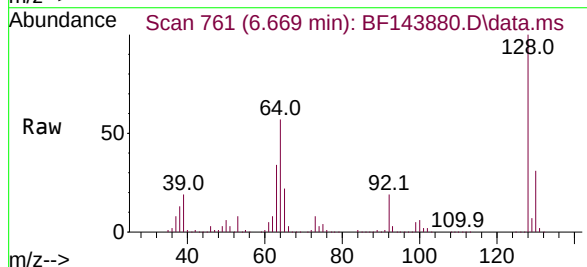
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

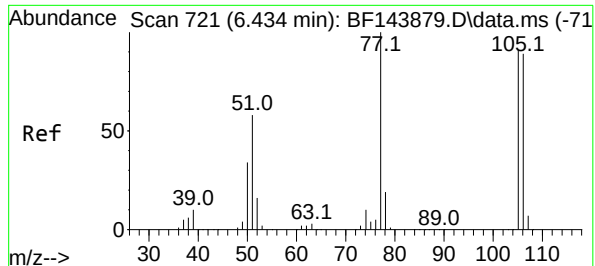
Tgt Ion: 99 Resp: 1277645  
Ion Ratio Lower Upper  
99 100  
42 28.1 21.0 31.4  
71 36.0 27.8 41.8



#8  
2-Chlorophenol  
Concen: 48.757 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 128 Resp: 546266  
Ion Ratio Lower Upper  
128 100  
130 31.2 10.7 50.7  
64 57.4 39.0 79.0





#9

Benzaldehyde

Concen: 51.738 ng

RT: 6.439 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

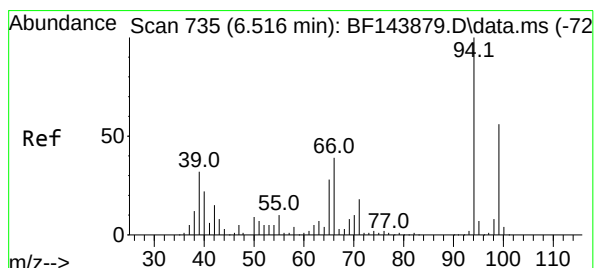
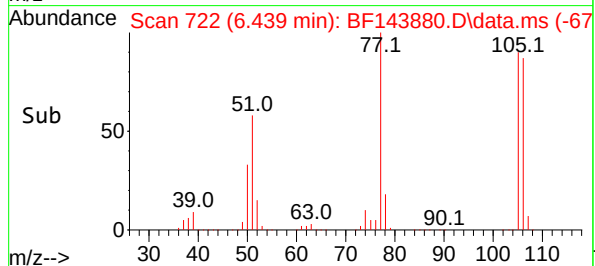
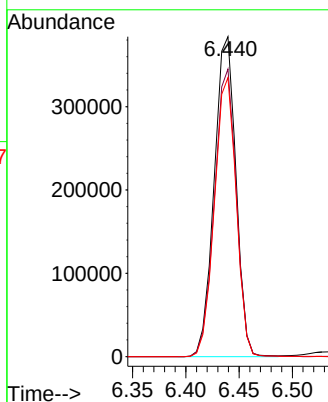
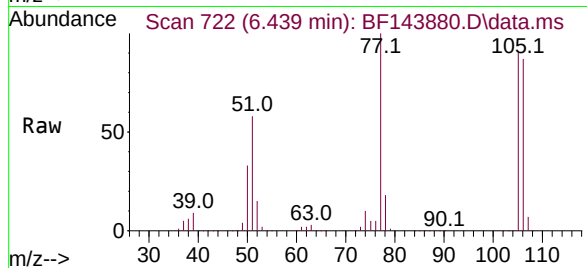
Tgt Ion: 77 Resp: 545259

Ion Ratio Lower Upper

77 100

105 89.9 70.9 110.9

106 87.2 68.9 108.9



#10

Phenol

Concen: 48.932 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

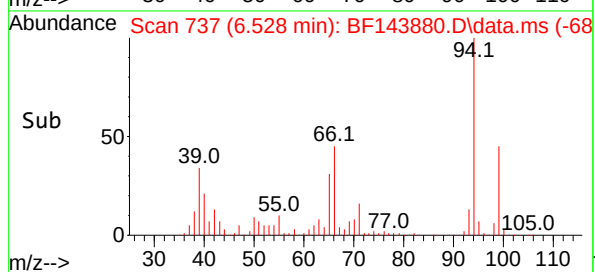
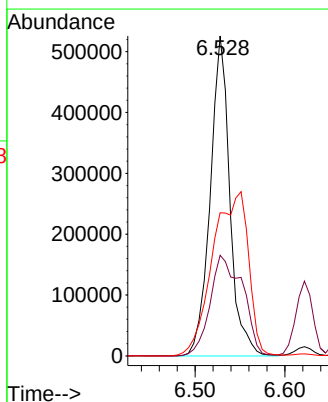
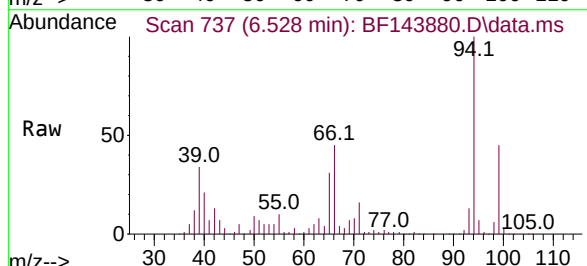
Tgt Ion: 94 Resp: 799210

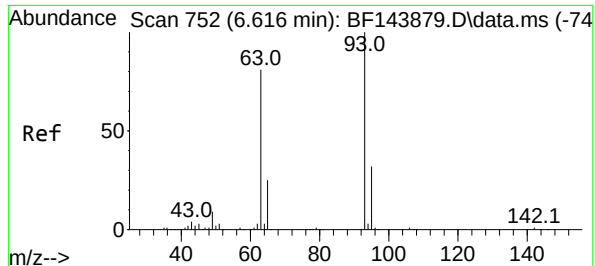
Ion Ratio Lower Upper

94 100

65 31.4 8.5 48.5

66 44.7 19.9 59.9

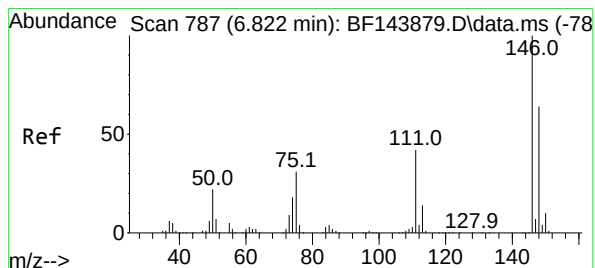
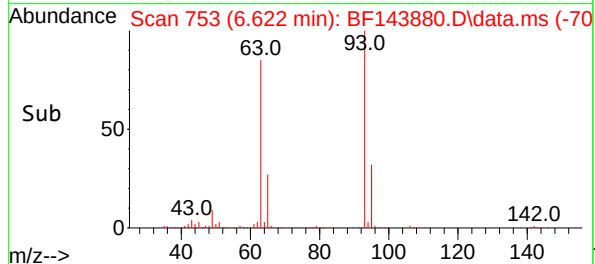
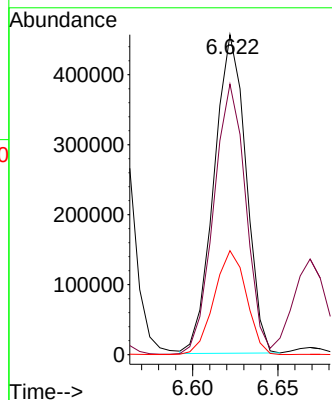
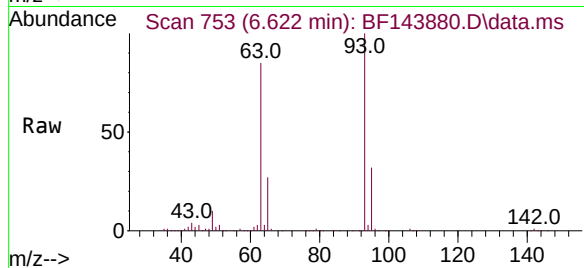




#11  
bis(2-Chloroethyl)ether  
Concen: 47.169 ng  
RT: 6.622 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

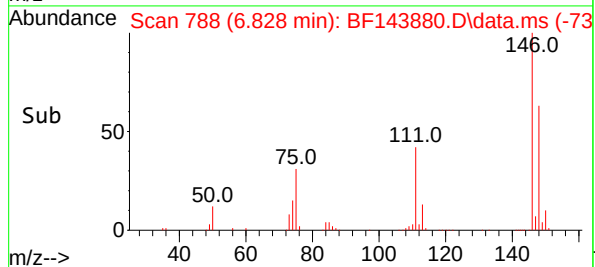
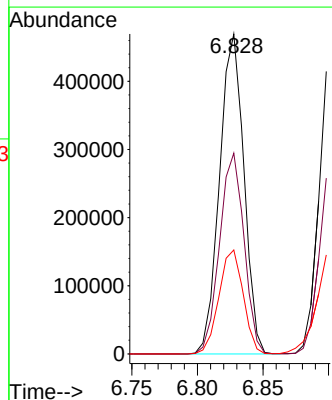
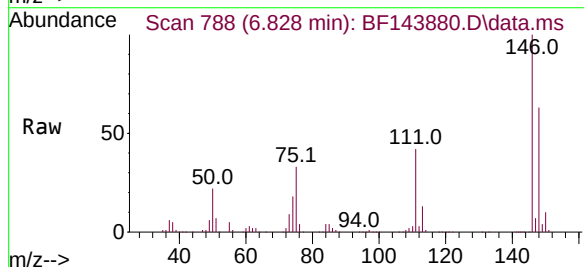
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

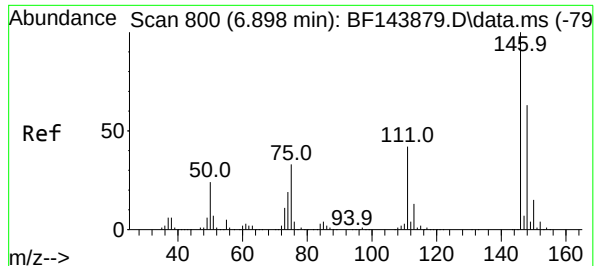
Tgt Ion: 93 Resp: 595127  
Ion Ratio Lower Upper  
93 100  
63 84.5 60.9 100.9  
95 32.5 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 45.318 ng  
RT: 6.828 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 146 Resp: 607764  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.0 76.4  
75 32.5 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.612 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

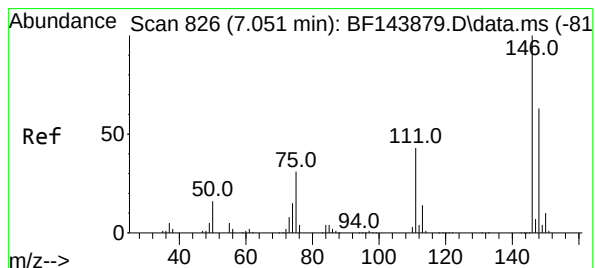
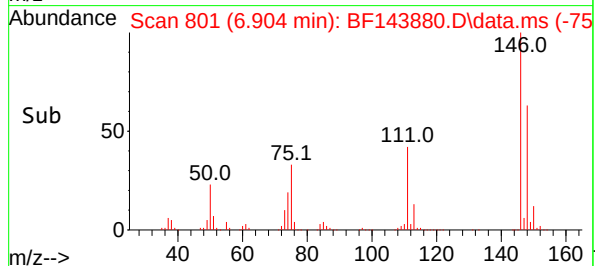
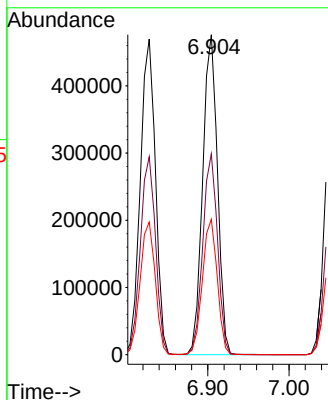
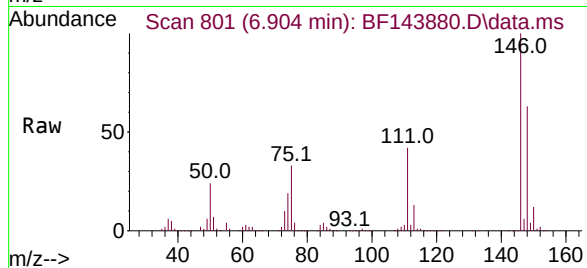
Tgt Ion:146 Resp: 603407

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 42.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 46.072 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

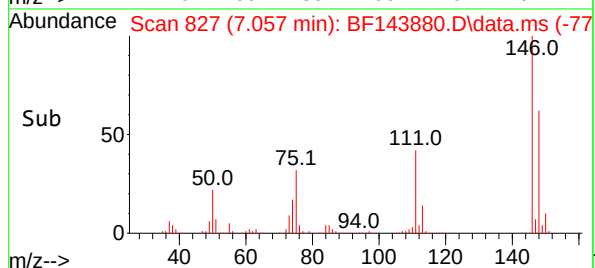
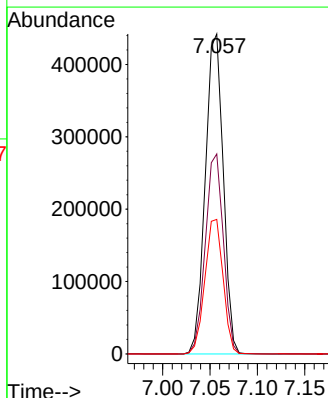
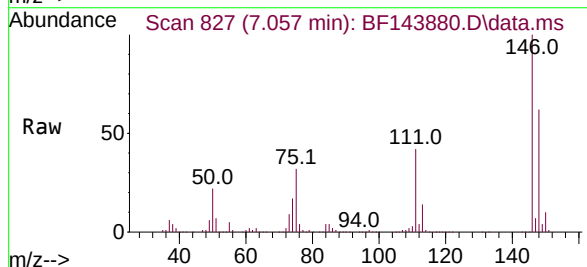
Tgt Ion:146 Resp: 583790

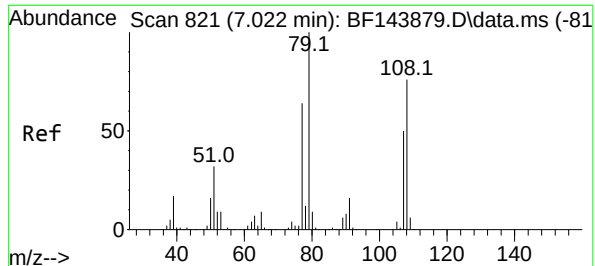
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 42.0 34.6 51.8

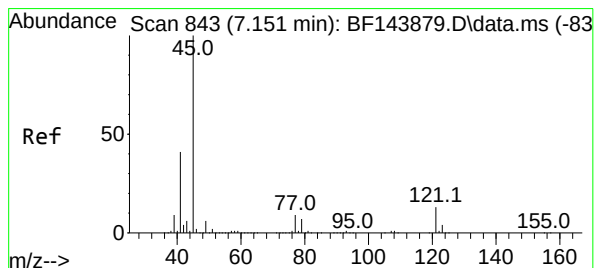
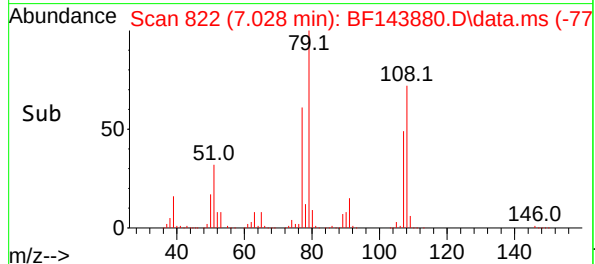
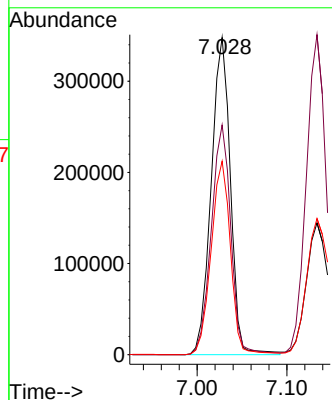
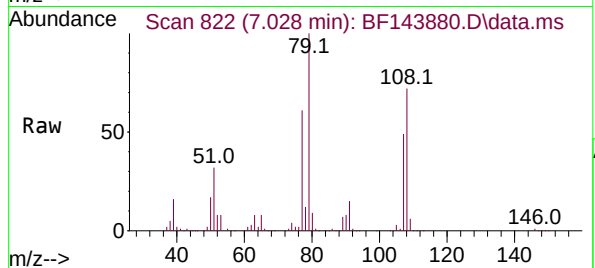




#15  
Benzyl Alcohol  
Concen: 50.402 ng  
RT: 7.028 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

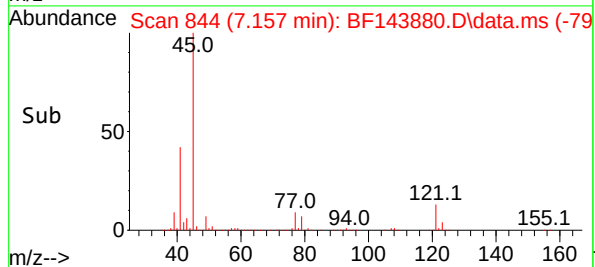
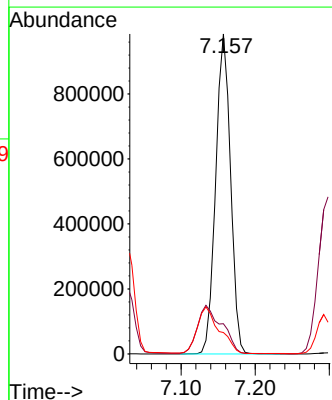
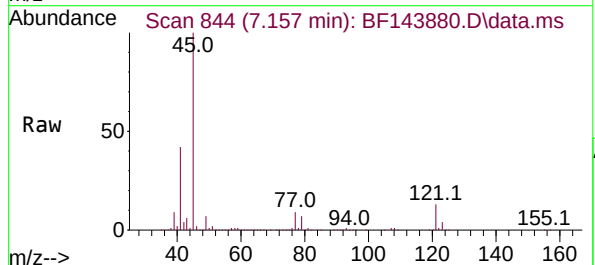
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

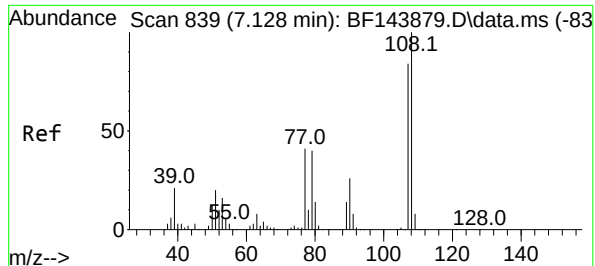
Tgt Ion: 79 Resp: 515929  
Ion Ratio Lower Upper  
79 100  
108 72.4 60.8 91.2  
77 61.0 51.0 76.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 47.652 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 45 Resp: 1368524  
Ion Ratio Lower Upper  
45 100  
77 9.4 0.0 29.0  
79 6.7 0.0 26.8

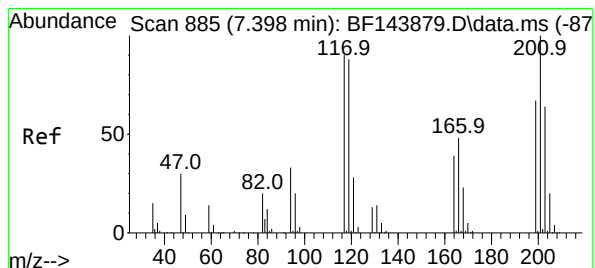
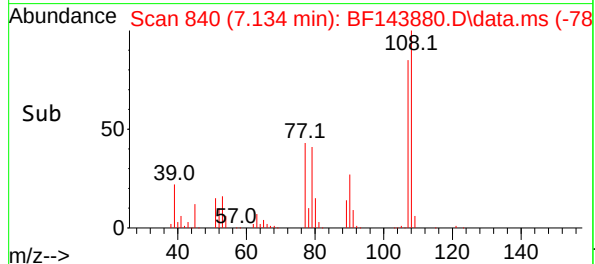
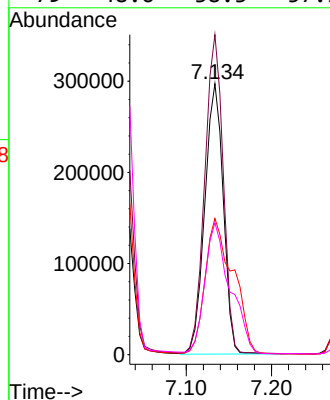
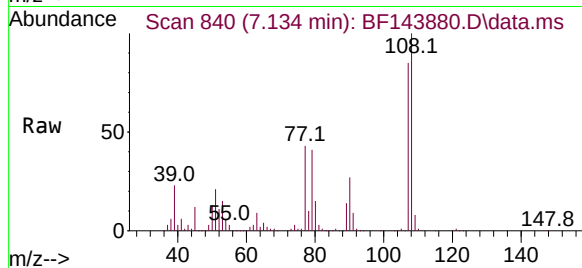




#17  
2-Methylphenol  
Concen: 48.397 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

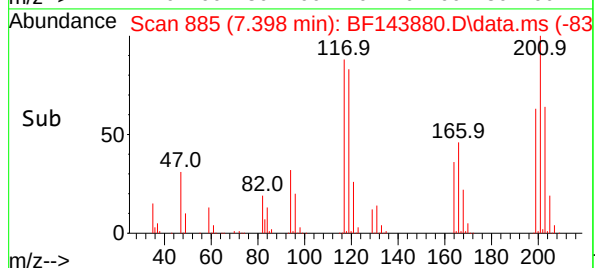
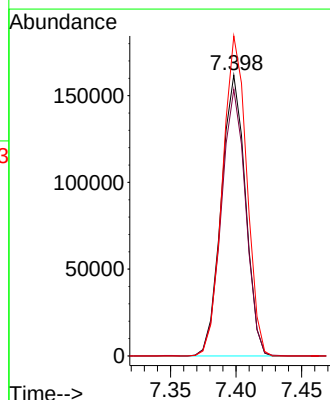
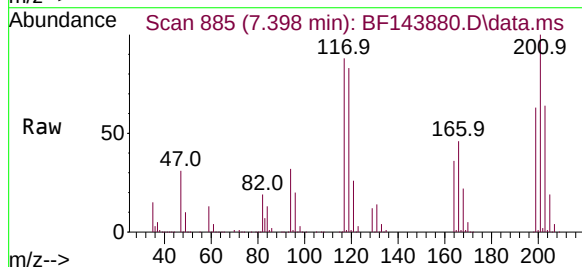
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

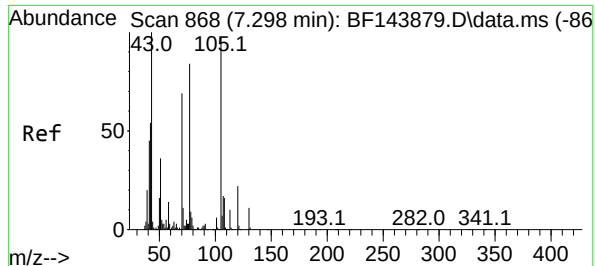
Tgt Ion:107 Resp: 448120  
Ion Ratio Lower Upper  
107 100  
108 118.1 94.7 142.1  
77 50.2 38.8 58.2  
79 48.6 38.3 57.5



#18  
Hexachloroethane  
Concen: 47.017 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:117 Resp: 207432  
Ion Ratio Lower Upper  
117 100  
119 94.9 77.8 116.8  
201 114.0 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.198 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 441373

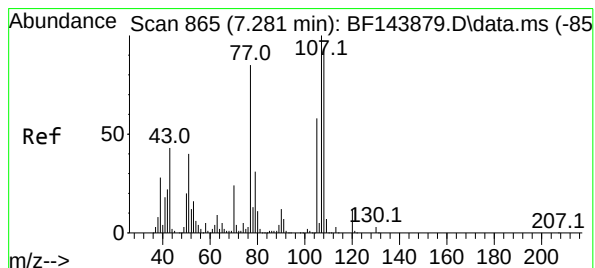
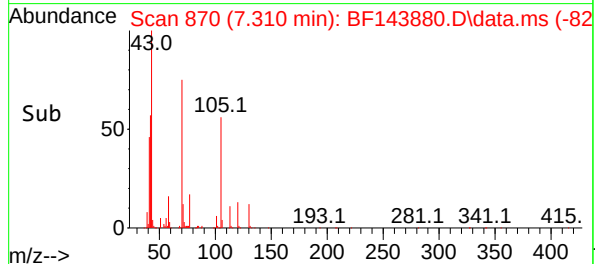
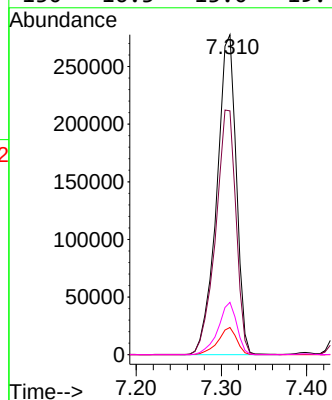
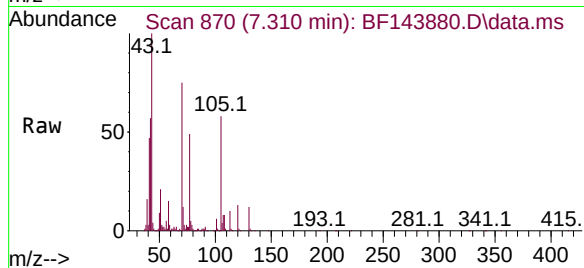
Ion Ratio Lower Upper

70 100

42 76.2 62.8 94.2

101 8.5 6.7 10.1

130 16.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 45.276 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:107 Resp: 485879

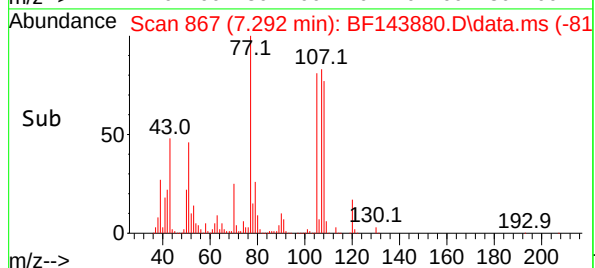
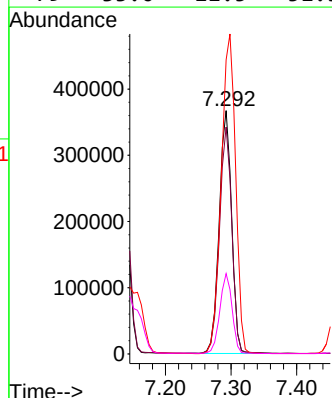
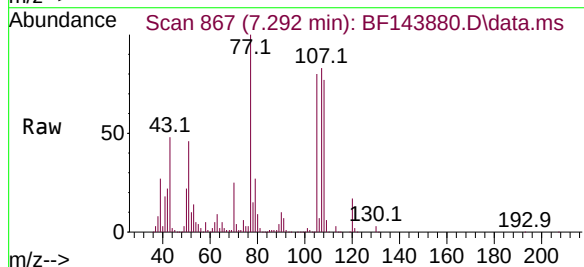
Ion Ratio Lower Upper

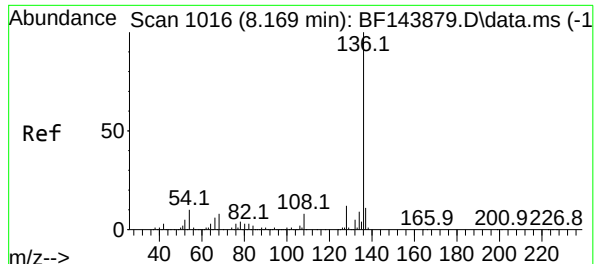
107 100

108 93.2 73.0 113.0

77 120.9 64.6 104.6#

79 33.0 11.5 51.5

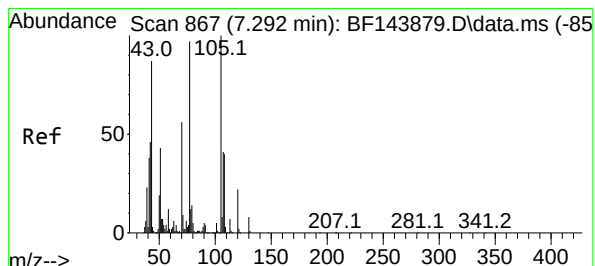
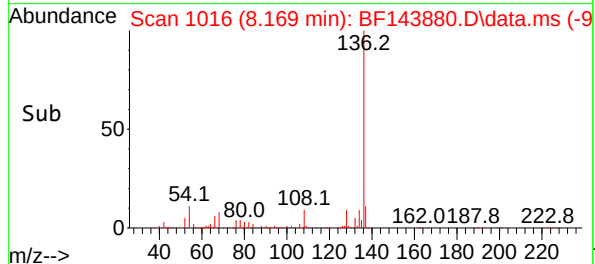
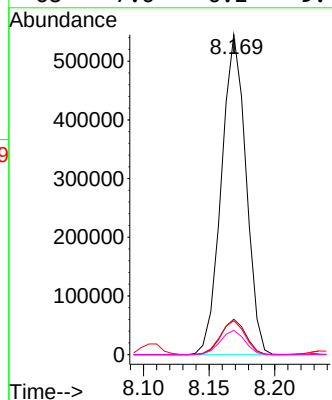
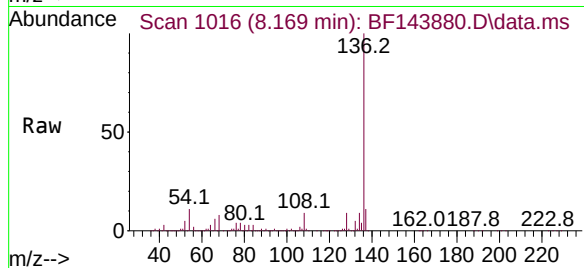




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

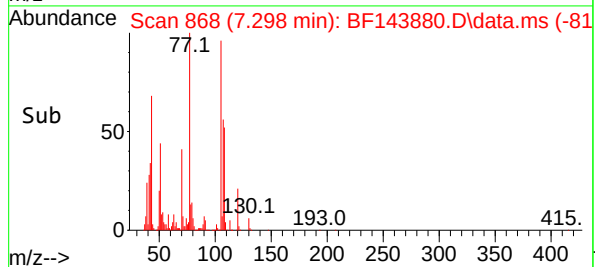
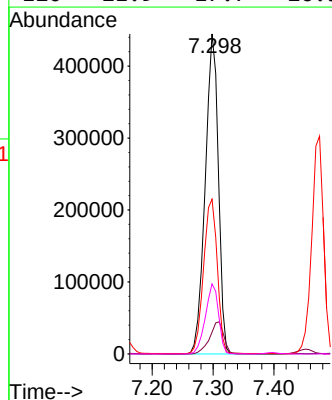
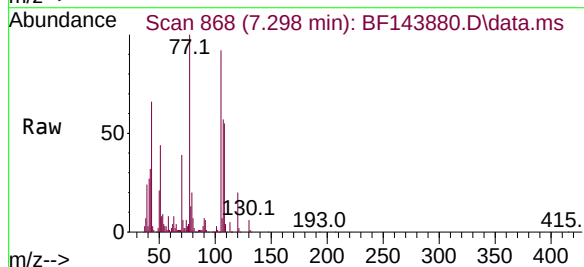
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:136 Resp: 710843  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.5 12.7  
54 10.6 8.2 12.4  
68 7.6 6.2 9.4

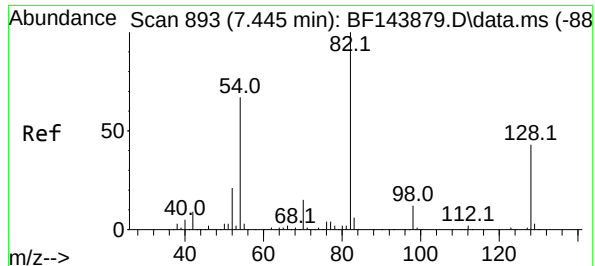


#22  
Acetophenone  
Concen: 44.262 ng  
RT: 7.298 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:105 Resp: 665276  
Ion Ratio Lower Upper  
105 100  
71 6.8 7.4 11.0#  
51 48.3 34.2 51.4  
120 21.9 17.7 26.5







#23

Nitrobenzene-d5

Concen: 98.174 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

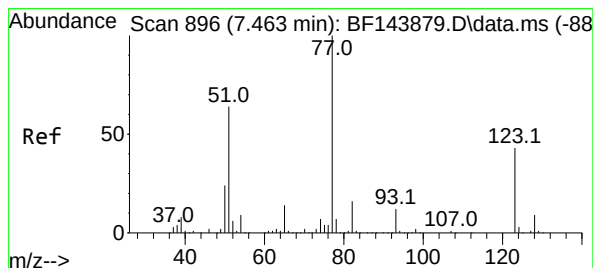
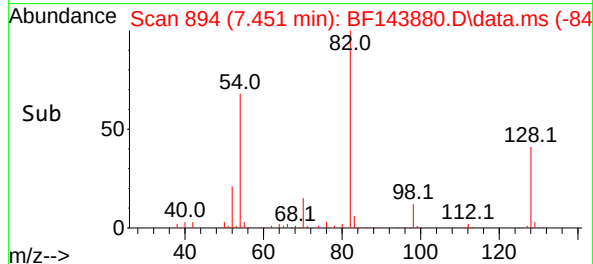
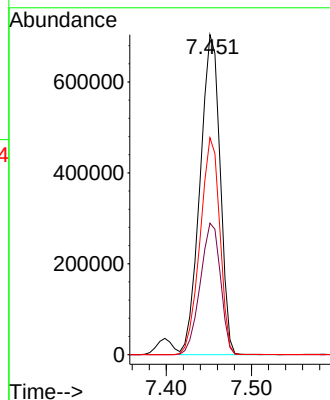
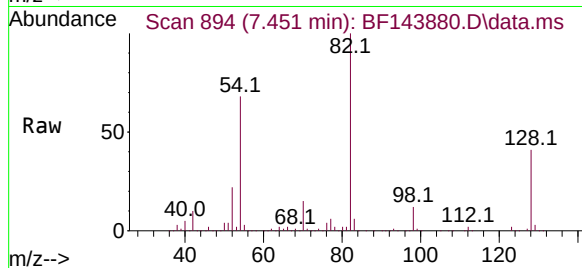
BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1148649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.1  | 34.0  | 51.0  |
| 54  | 67.8  | 53.2  | 79.8  |



#24

Nitrobenzene

Concen: 48.155 ng

RT: 7.475 min Scan# 898

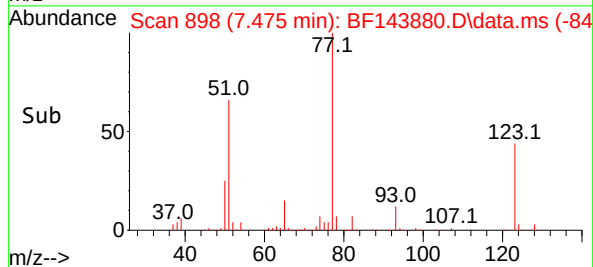
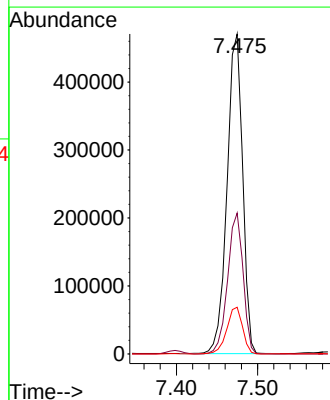
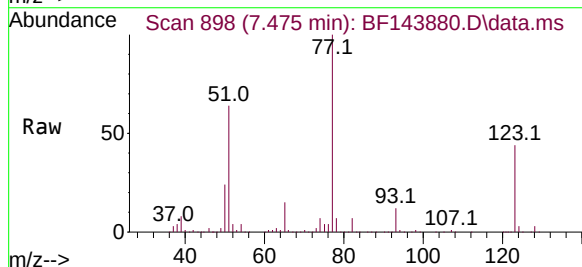
Delta R.T. 0.000 min

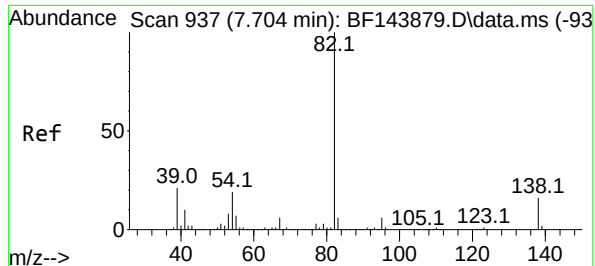
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 77 Resp: 625692

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 44.0  | 34.2  | 51.4  |
| 65  | 14.6  | 11.0  | 16.6  |

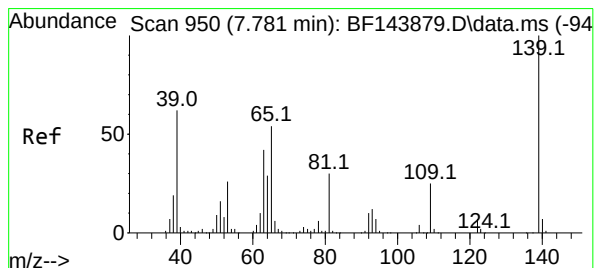
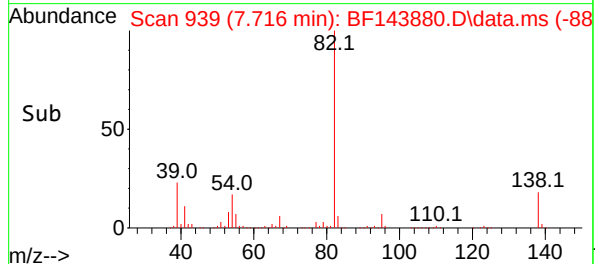
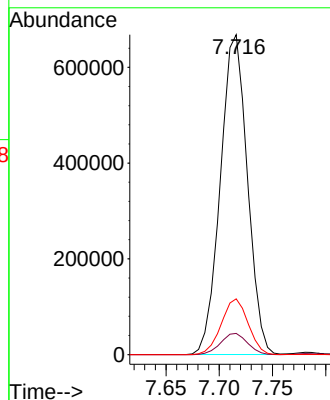
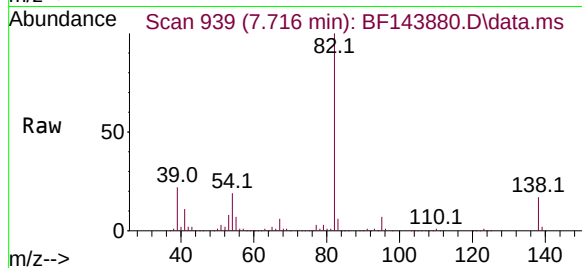




#25  
Isophorone  
Concen: 47.877 ng  
RT: 7.716 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

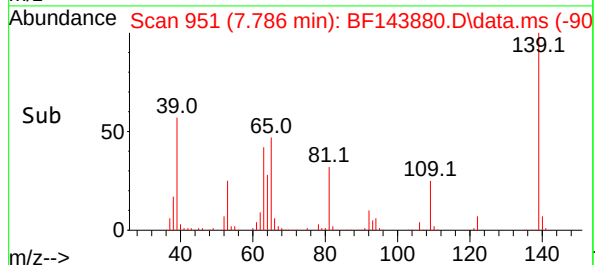
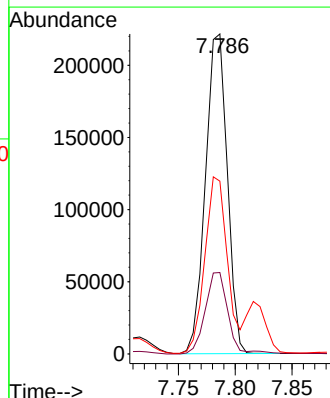
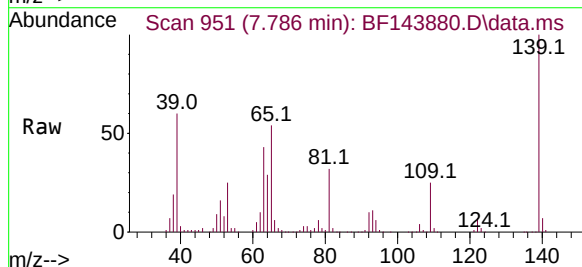
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC050

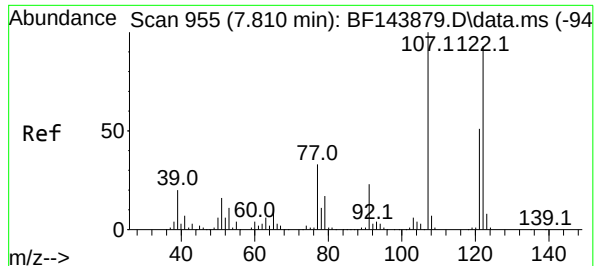
Tgt Ion: 82 Resp: 1181135  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 17.4 12.9 19.3



#26  
2-Nitrophenol  
Concen: 53.208 ng  
RT: 7.786 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion: 139 Resp: 296399  
Ion Ratio Lower Upper  
139 100  
109 25.5 19.8 29.6  
65 54.0 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 47.987 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

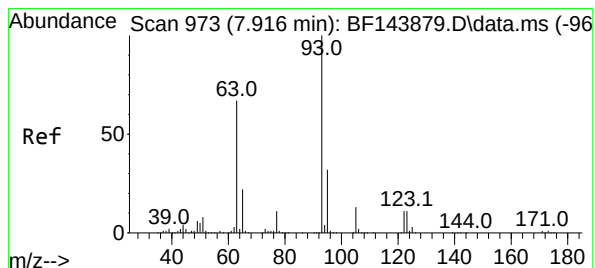
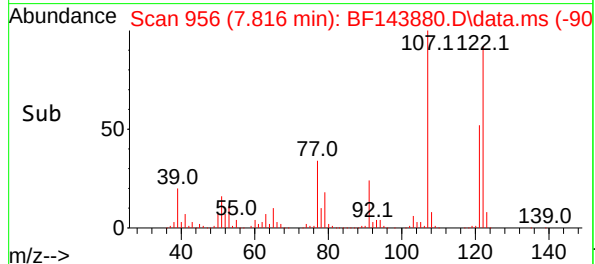
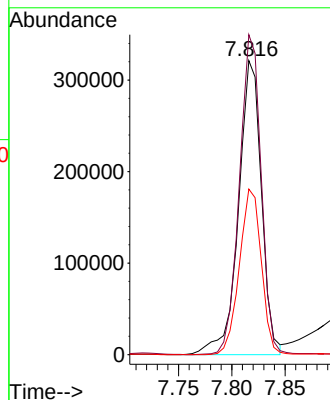
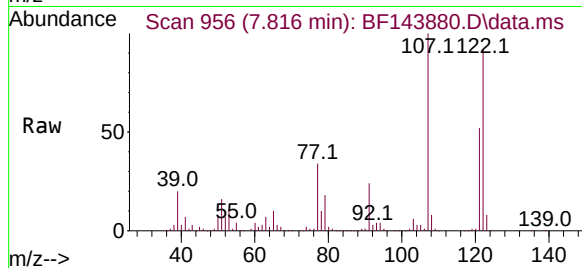
Tgt Ion:122 Resp: 480868

Ion Ratio Lower Upper

122 100

107 108.8 86.1 129.1

121 56.3 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.333 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

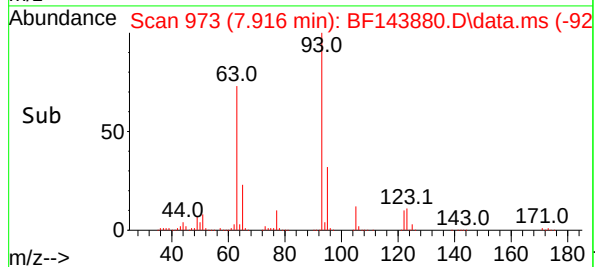
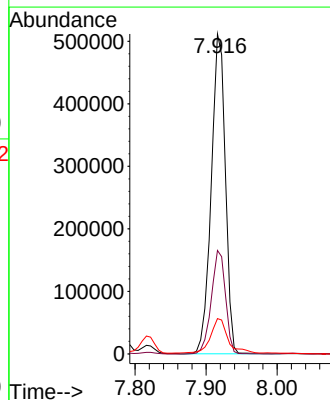
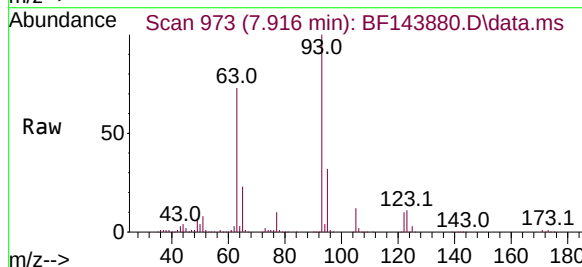
Tgt Ion: 93 Resp: 706471

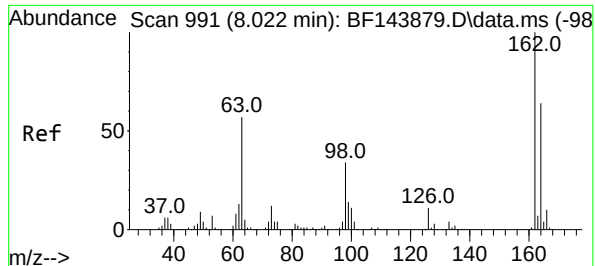
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.642 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

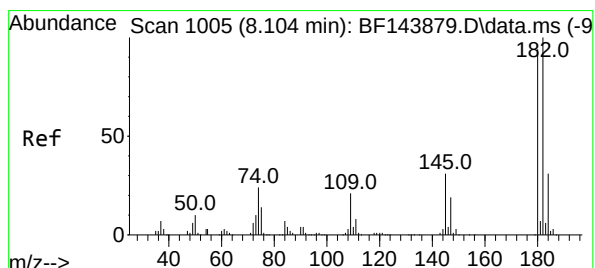
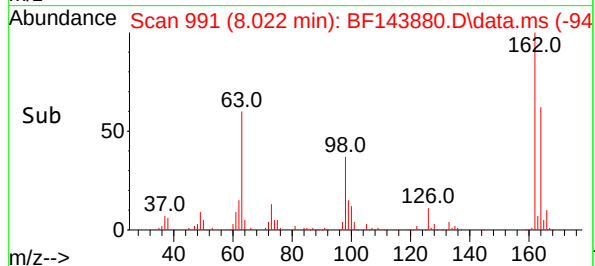
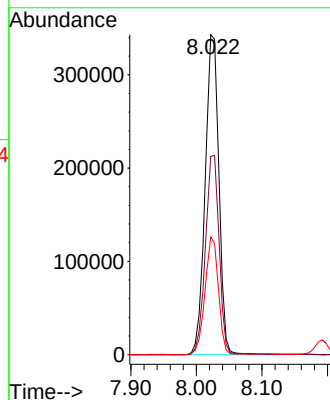
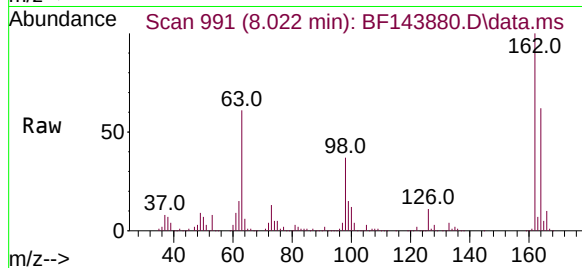
Tgt Ion:162 Resp: 497289

Ion Ratio Lower Upper

162 100

164 61.9 43.9 83.9

98 36.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.083 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

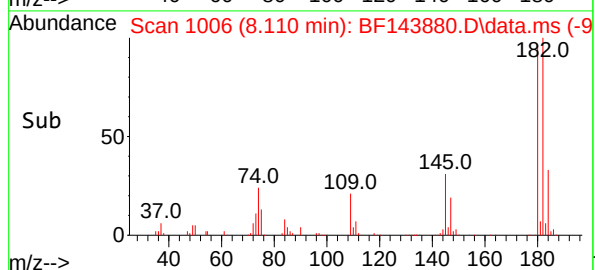
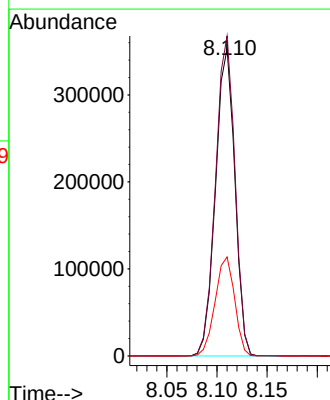
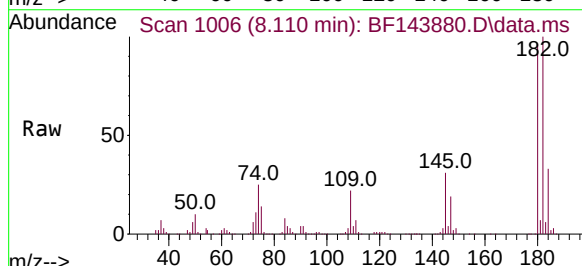
Tgt Ion:180 Resp: 473064

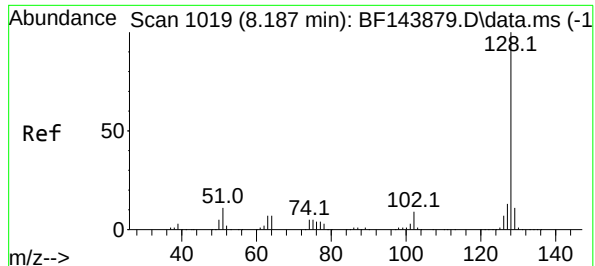
Ion Ratio Lower Upper

180 100

182 104.1 85.4 128.0

145 32.2 26.3 39.5

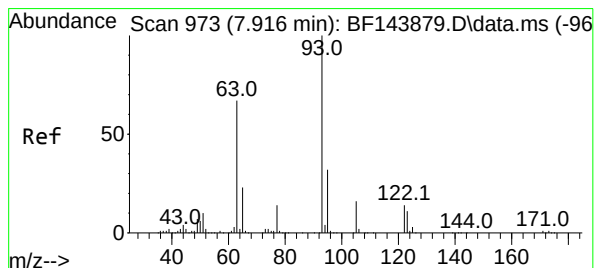
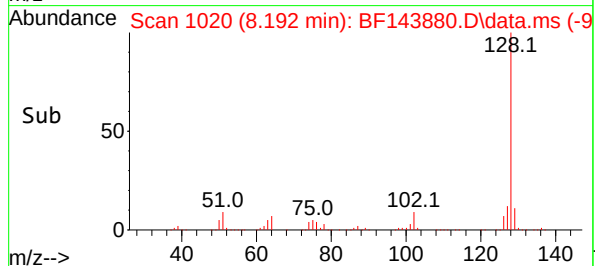
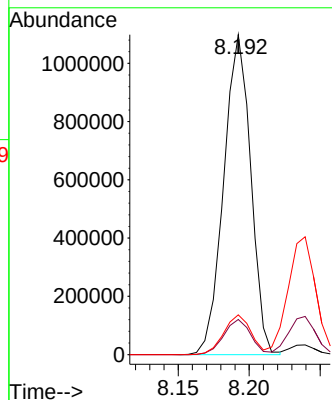
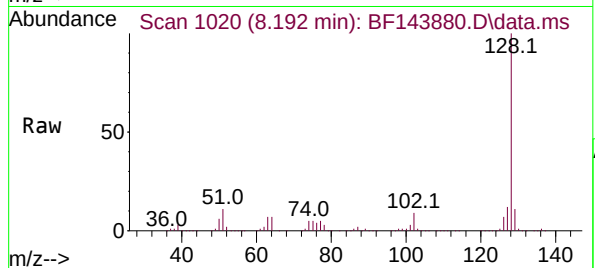




#31  
Naphthalene  
Concen: 44.890 ng  
RT: 8.192 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

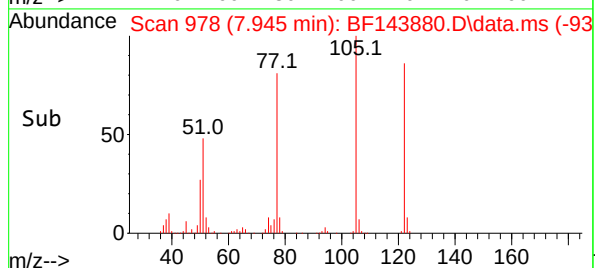
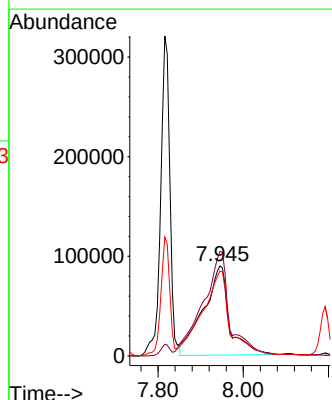
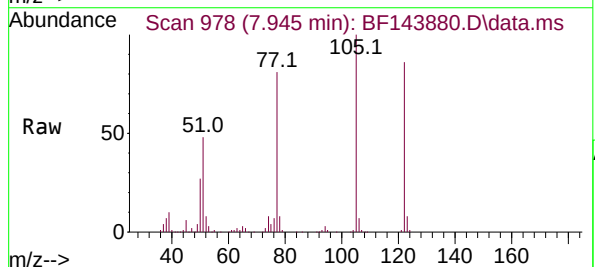
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

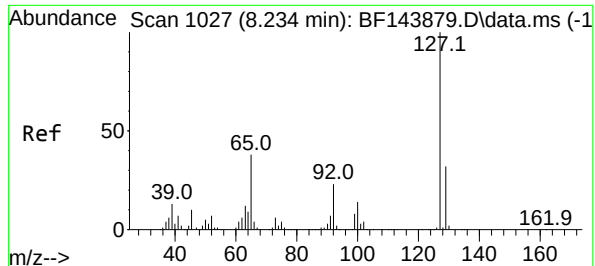
Tgt Ion:128 Resp: 1451547  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 12.4 10.0 15.0



#32  
Benzoic acid  
Concen: 55.462 ng  
RT: 7.945 min Scan# 978  
Delta R.T. -0.018 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:122 Resp: 384635  
Ion Ratio Lower Upper  
122 100  
105 116.3 93.5 133.5  
77 94.5 76.3 116.3



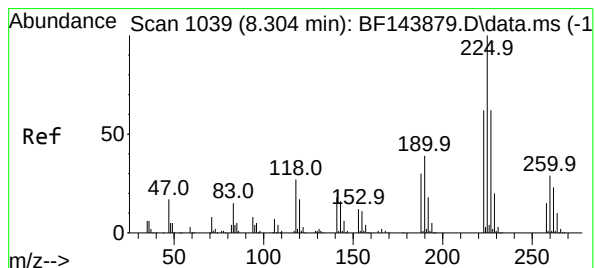
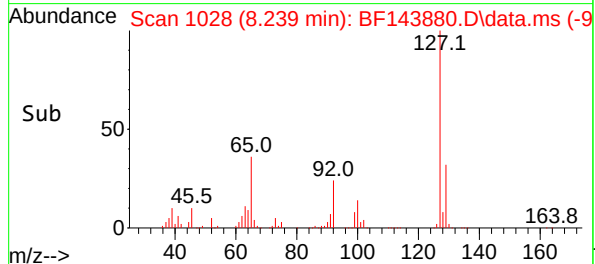
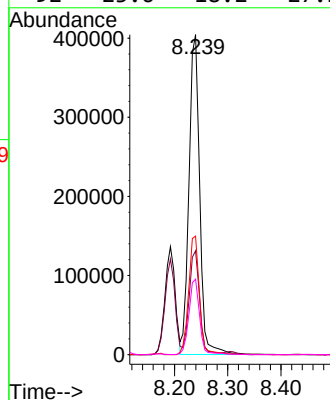
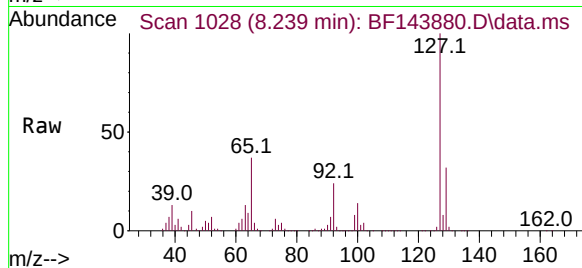


#33  
4-Chloroaniline  
Concen: 46.813 ng  
RT: 8.239 min Scan# 1028  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:127 Resp: 567726

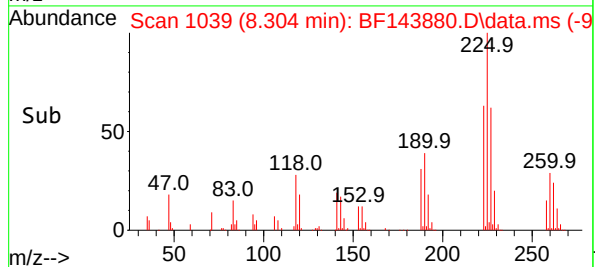
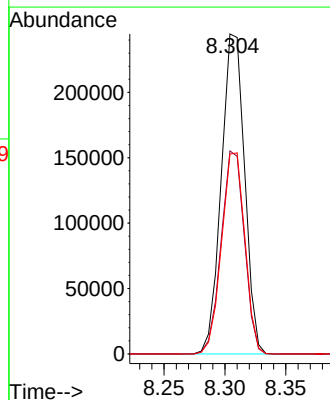
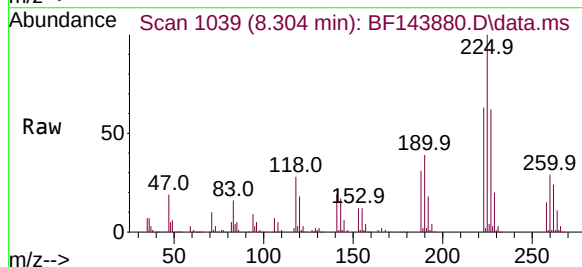
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.5  | 25.8  | 38.8  |
| 65  | 37.0  | 30.0  | 45.0  |
| 92  | 23.6  | 18.2  | 27.2  |

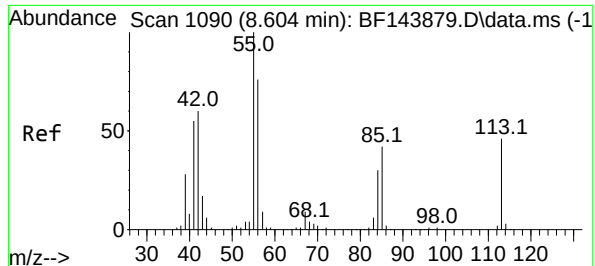


#34  
Hexachlorobutadiene  
Concen: 45.586 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:225 Resp: 325186

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 63.4  | 49.4  | 74.2  |
| 227 | 62.4  | 49.7  | 74.5  |

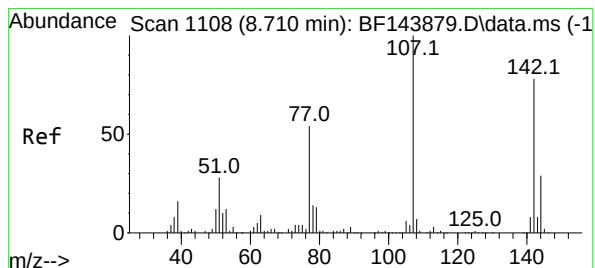
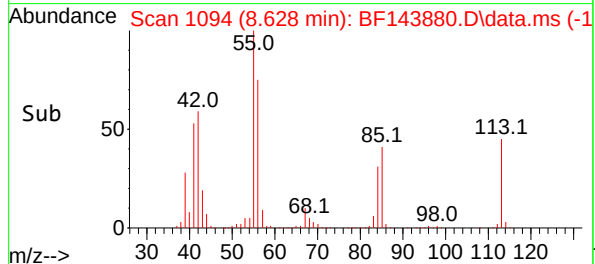
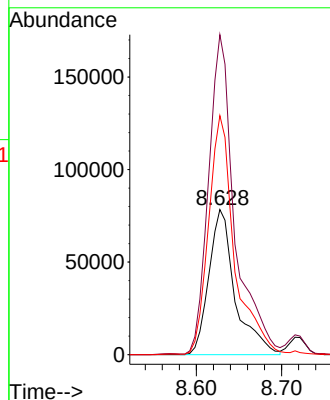
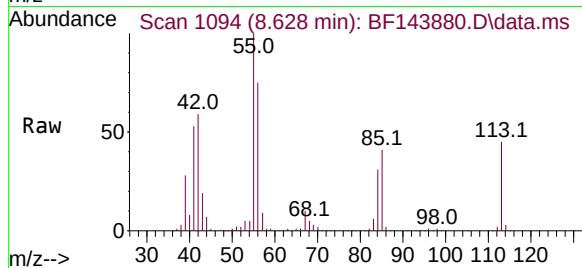




#35  
Caprolactam  
Concen: 50.565 ng  
RT: 8.628 min Scan# 1094  
Delta R.T. -0.018 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

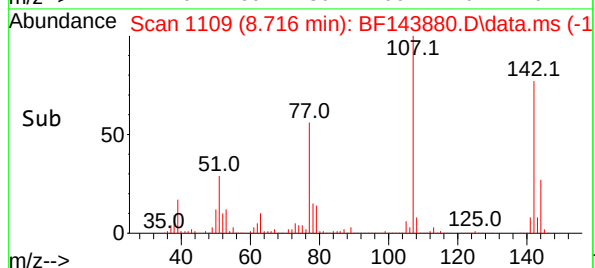
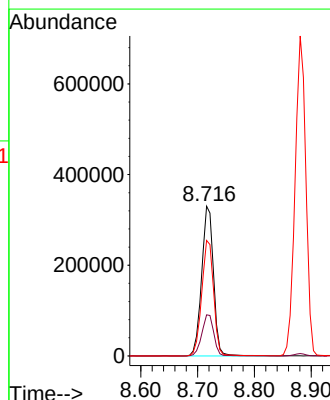
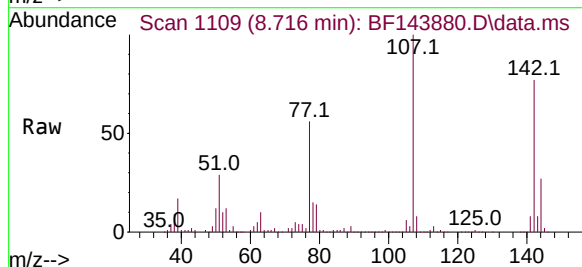
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

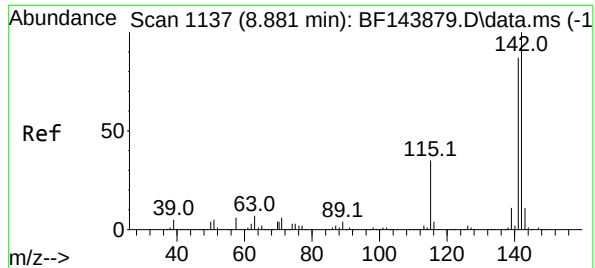
Tgt Ion:113 Resp: 167817  
Ion Ratio Lower Upper  
113 100  
55 220.6 199.6 239.6  
56 164.8 146.0 186.0



#36  
4-Chloro-3-methylphenol  
Concen: 47.612 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:107 Resp: 477376  
Ion Ratio Lower Upper  
107 100  
144 27.5 23.1 34.7  
142 77.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 43.453 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

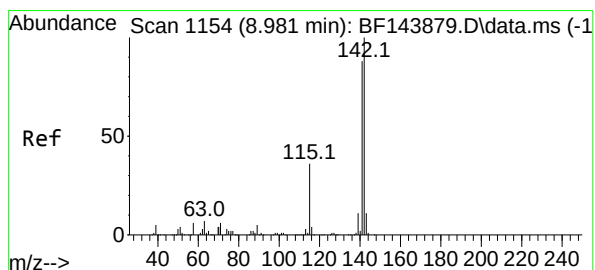
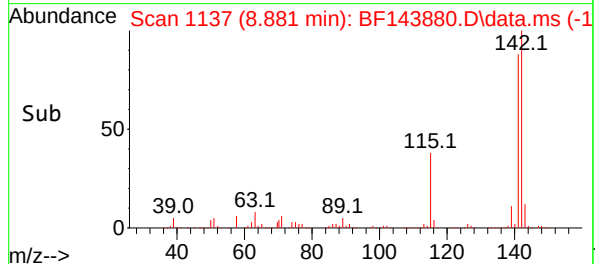
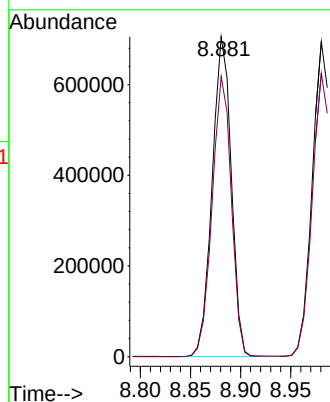
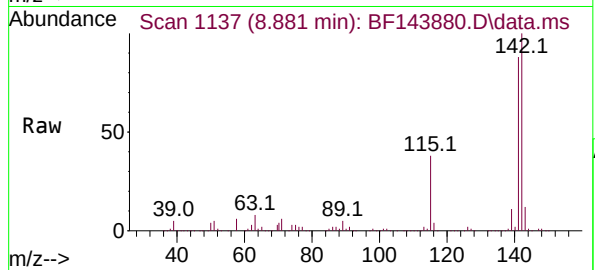
SSTDICC050

Tgt Ion:142 Resp: 935960

Ion Ratio Lower Upper

142 100

141 87.5 69.2 103.8



#38

1-Methylnaphthalene

Concen: 43.965 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143880.D

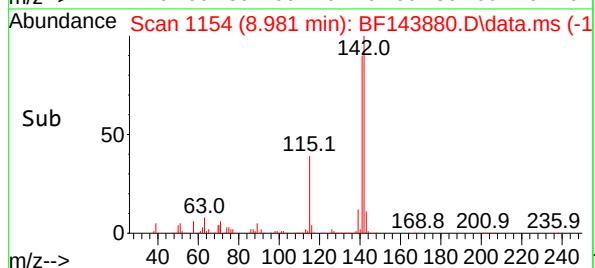
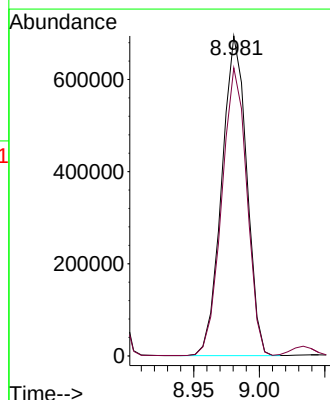
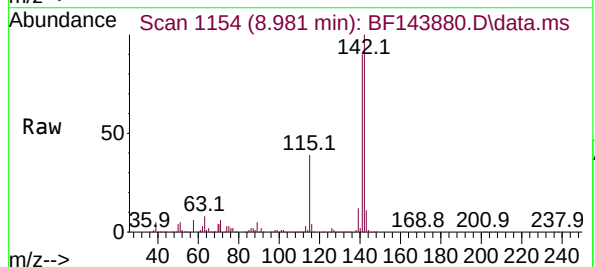
Acq: 06 Oct 2025 13:23

Tgt Ion:142 Resp: 918550

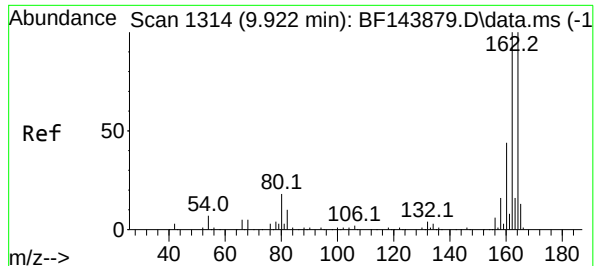
Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. 0.001 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

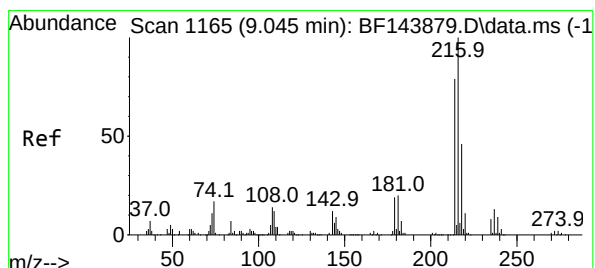
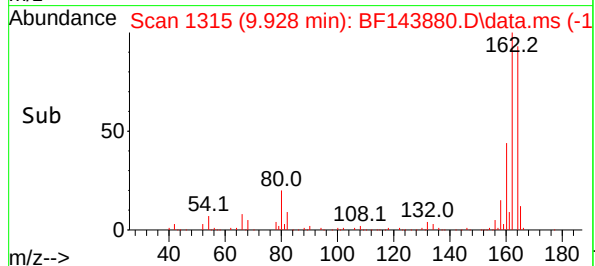
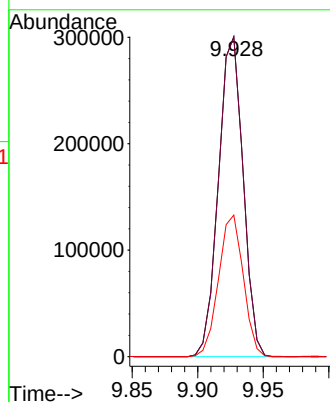
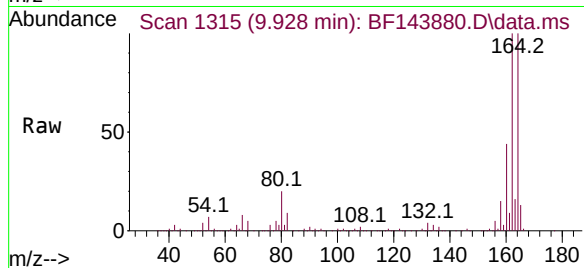
Tgt Ion:164 Resp: 393762

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.187 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:216 Resp: 491771

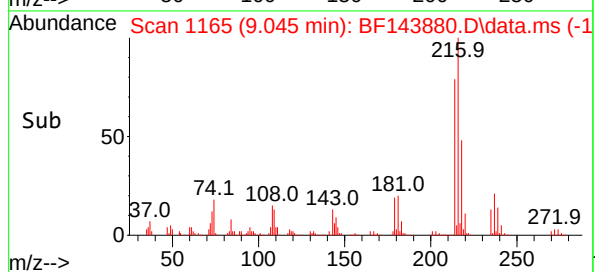
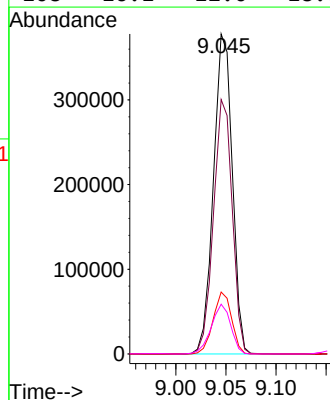
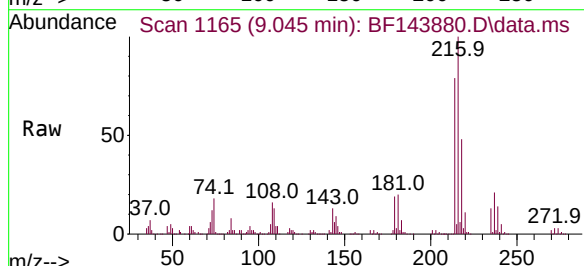
Ion Ratio Lower Upper

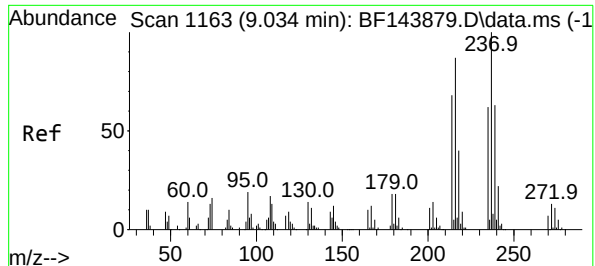
216 100

214 79.2 62.6 94.0

179 19.0 15.4 23.0

108 16.1 12.0 18.0

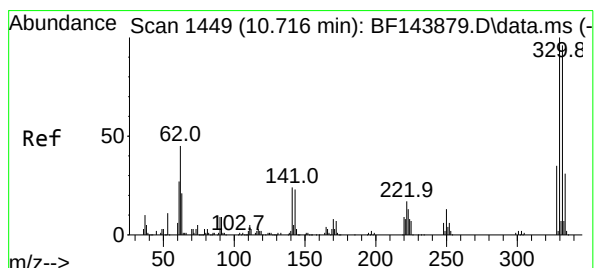
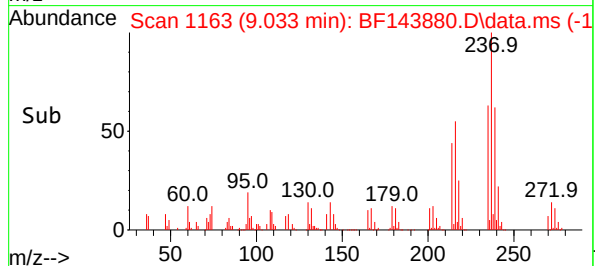
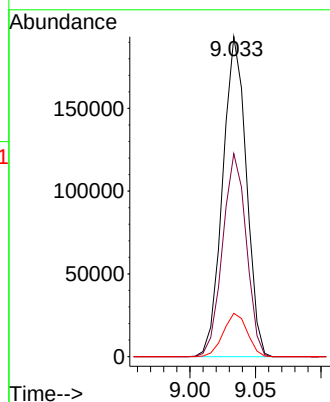
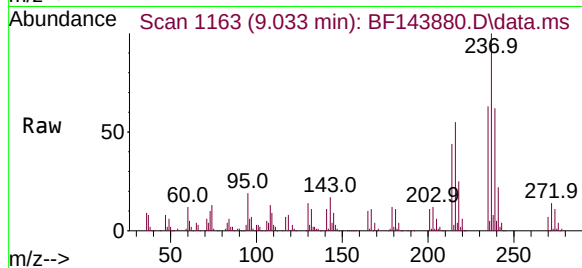




#41  
Hexachlorocyclopentadiene  
Concen: 53.686 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

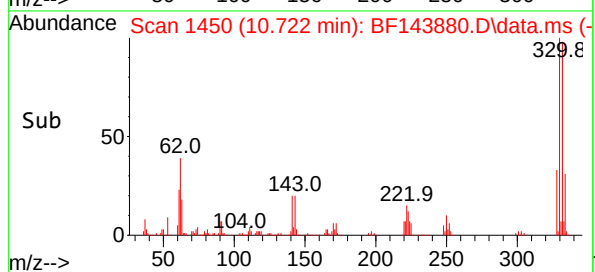
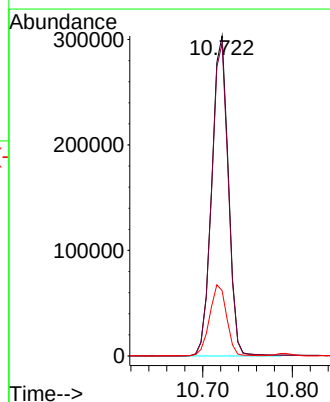
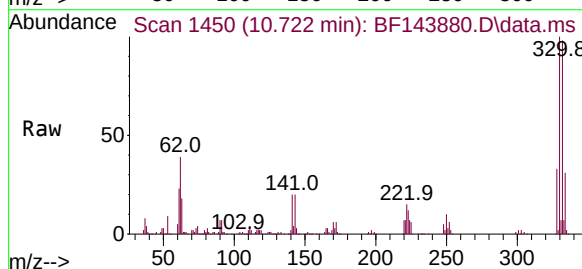
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

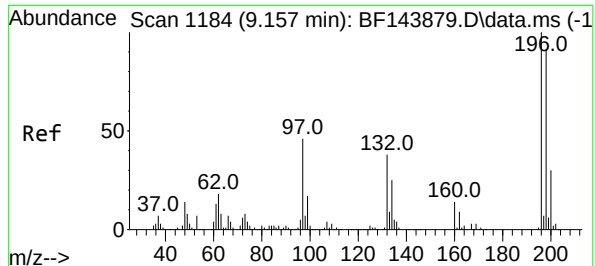
Tgt Ion:237 Resp: 242390  
Ion Ratio Lower Upper  
237 100  
235 63.4 42.3 82.3  
272 13.5 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 99.608 ng  
RT: 10.722 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:330 Resp: 390657  
Ion Ratio Lower Upper  
330 100  
332 98.3 76.9 115.3  
141 22.6 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 47.410 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

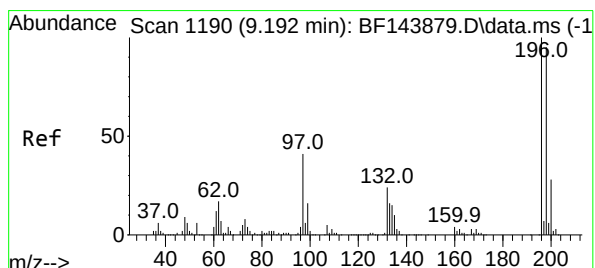
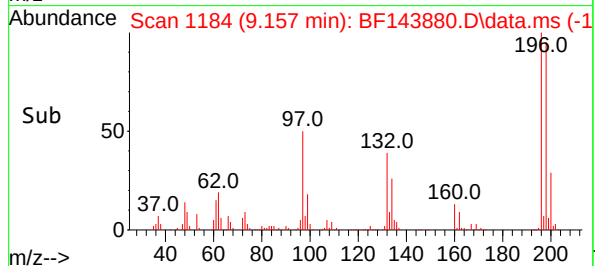
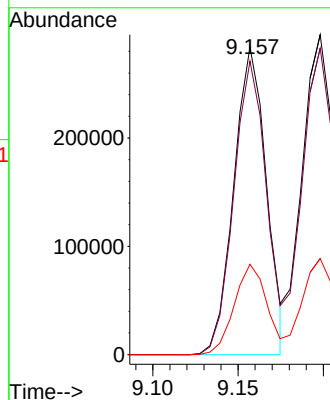
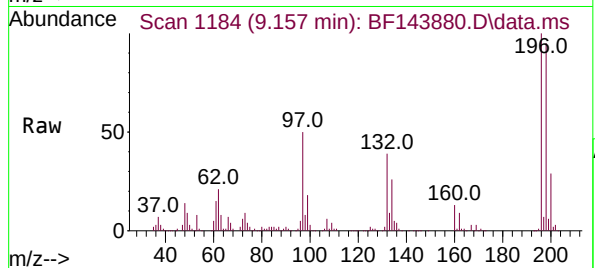
Tgt Ion:196 Resp: 376991

Ion Ratio Lower Upper

196 100

198 95.4 72.8 109.2

200 29.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.031 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:196 Resp: 395213

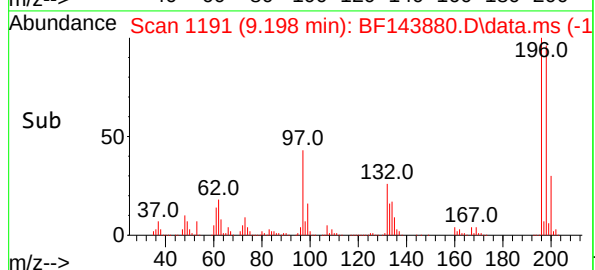
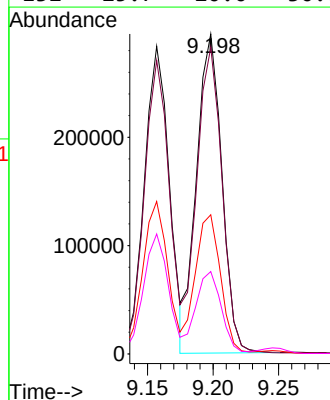
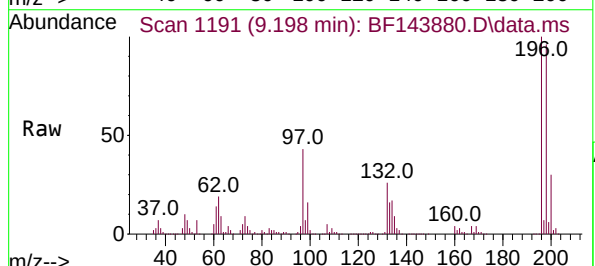
Ion Ratio Lower Upper

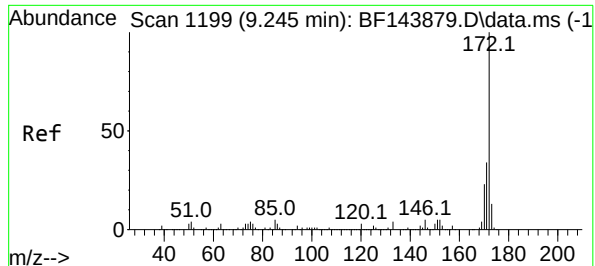
196 100

198 95.8 75.5 113.3

97 43.5 33.9 50.9

132 25.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 78.050 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

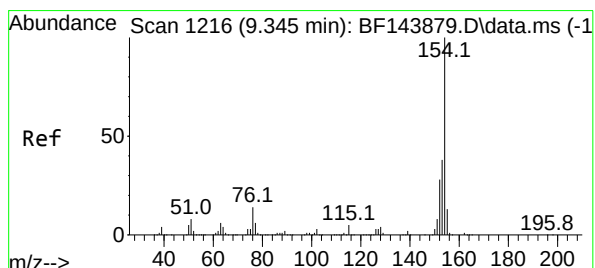
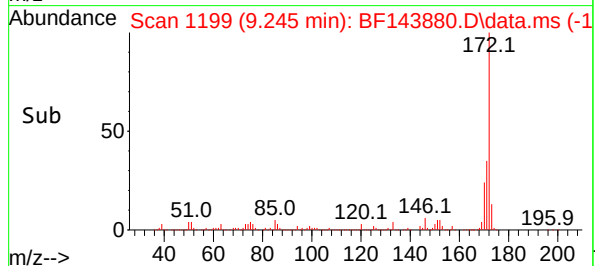
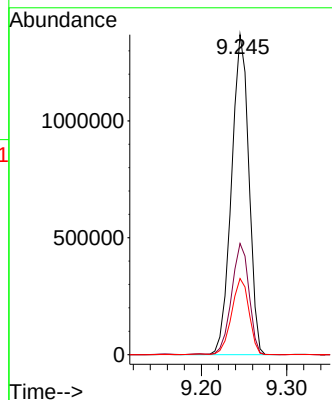
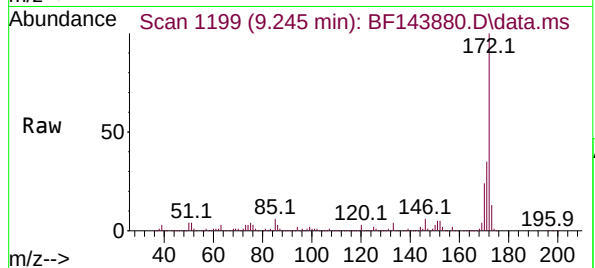
Tgt Ion:172 Resp: 1936883

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.837 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

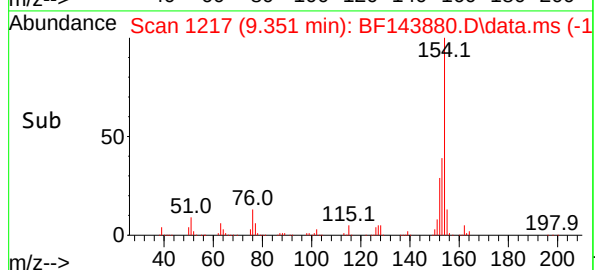
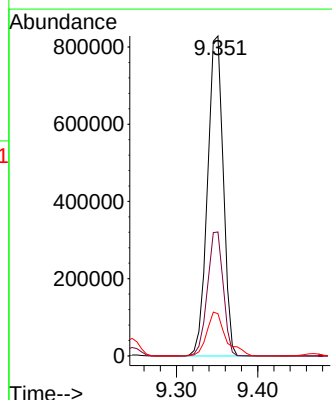
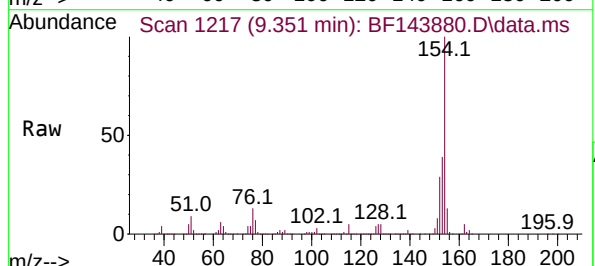
Tgt Ion:154 Resp: 1116775

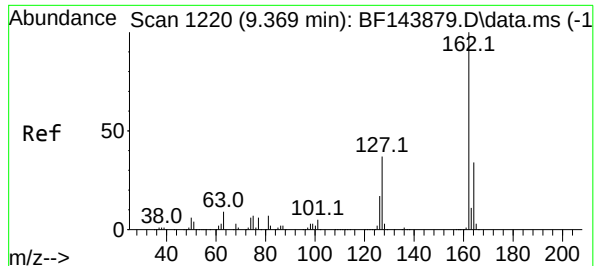
Ion Ratio Lower Upper

154 100

153 38.7 18.4 58.4

76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.748 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

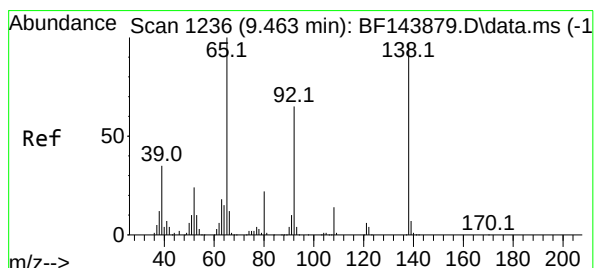
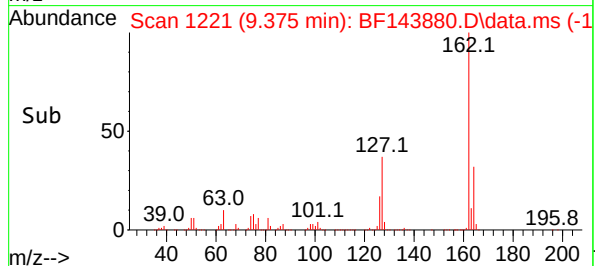
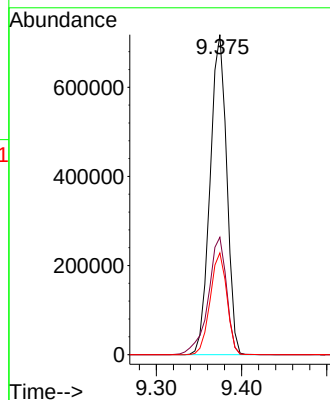
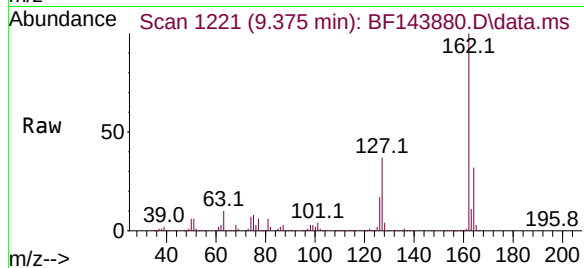
Tgt Ion:162 Resp: 972675

Ion Ratio Lower Upper

162 100

127 36.7 30.2 45.2

164 31.8 26.9 40.3



#48

2-Nitroaniline

Concen: 50.665 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

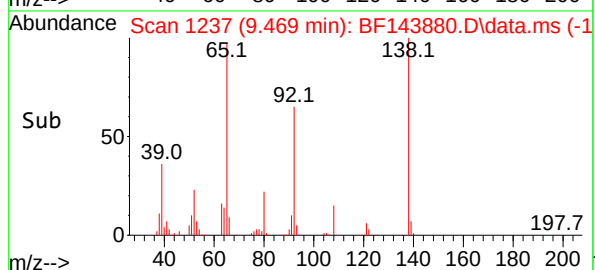
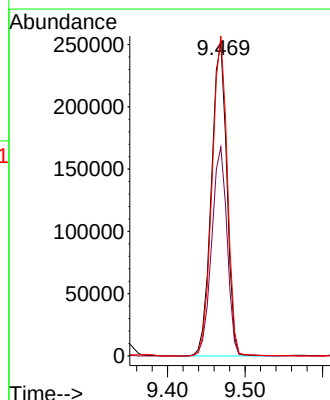
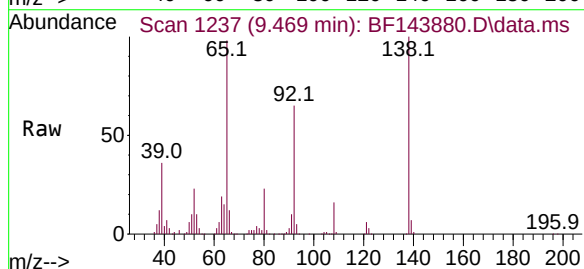
Tgt Ion: 65 Resp: 348179

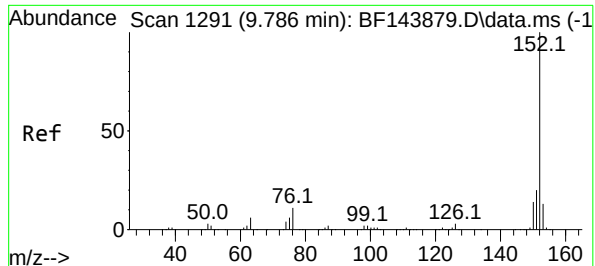
Ion Ratio Lower Upper

65 100

92 66.8 52.1 78.1

138 102.3 77.4 116.2





#49

Acenaphthylene

Concen: 44.642 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

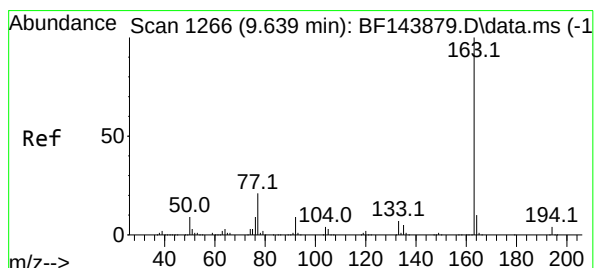
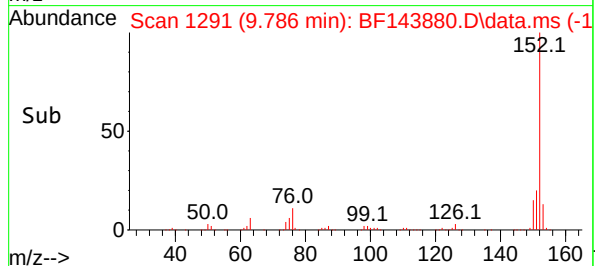
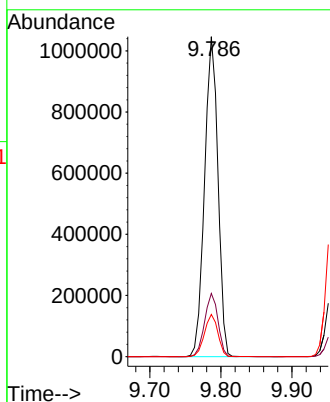
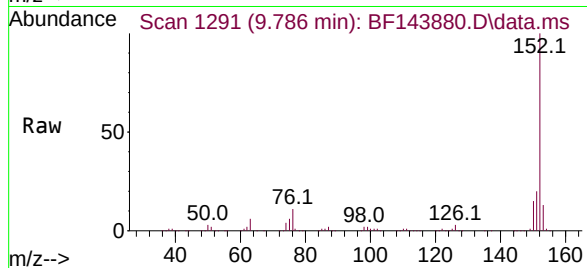
Tgt Ion:152 Resp: 1364193

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 45.888 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

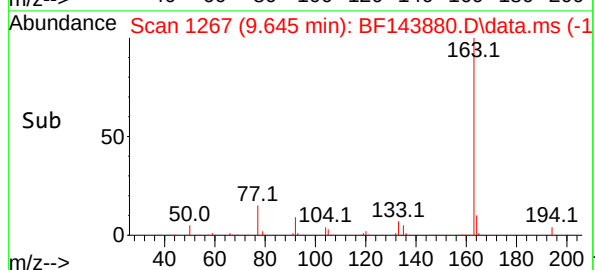
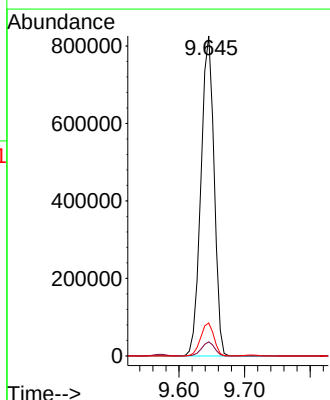
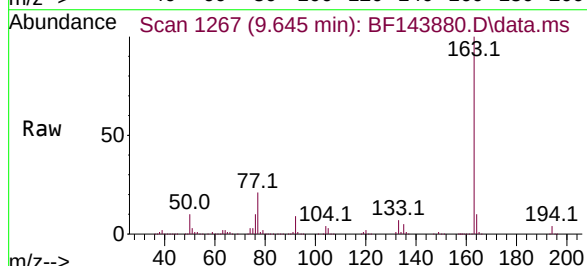
Tgt Ion:163 Resp: 1147448

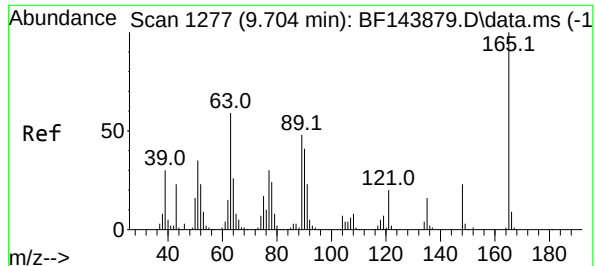
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

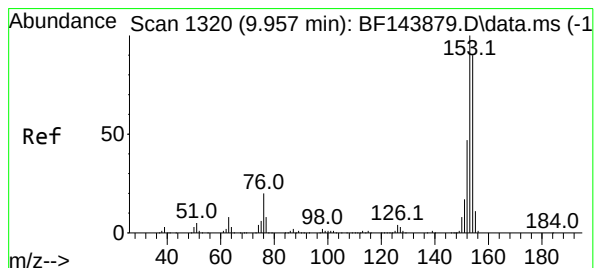
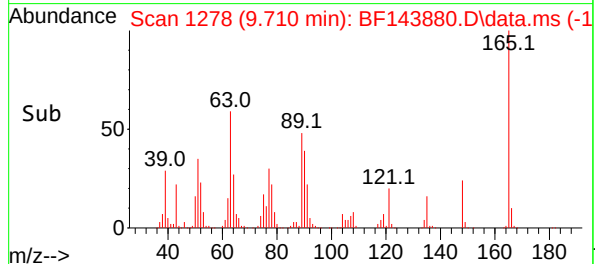
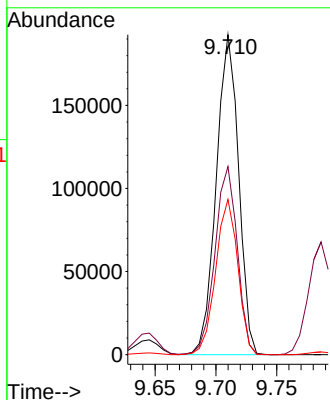
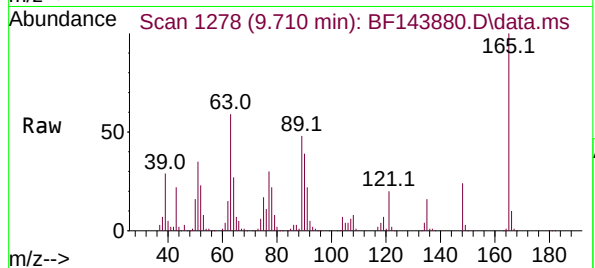




#51  
2,6-Dinitrotoluene  
Concen: 53.176 ng  
RT: 9.710 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

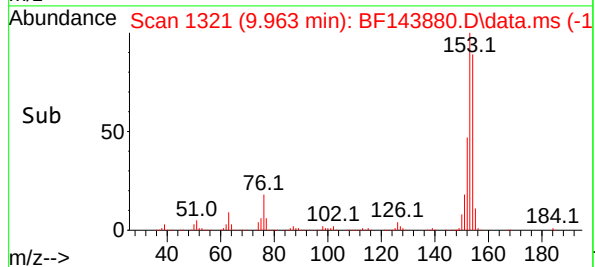
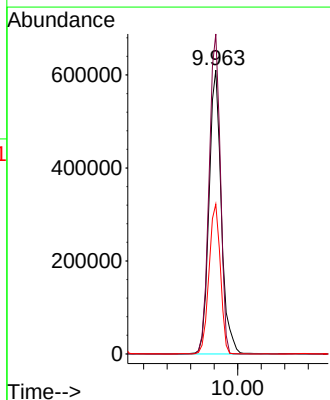
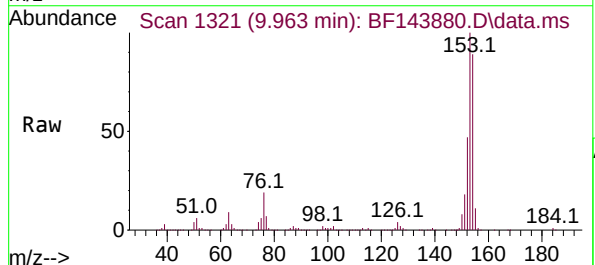
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

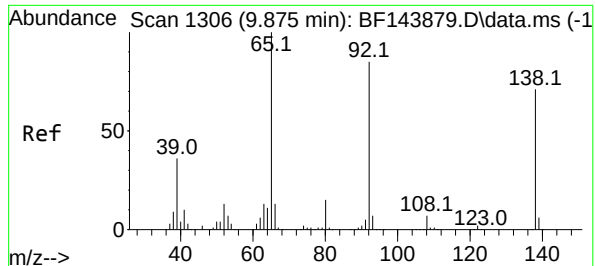
Tgt Ion:165 Resp: 246567  
Ion Ratio Lower Upper  
165 100  
63 58.8 47.3 70.9  
89 48.5 38.2 57.4



#52  
Acenaphthene  
Concen: 44.122 ng  
RT: 9.963 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:154 Resp: 883487  
Ion Ratio Lower Upper  
154 100  
153 112.8 89.3 133.9  
152 52.7 42.2 63.2

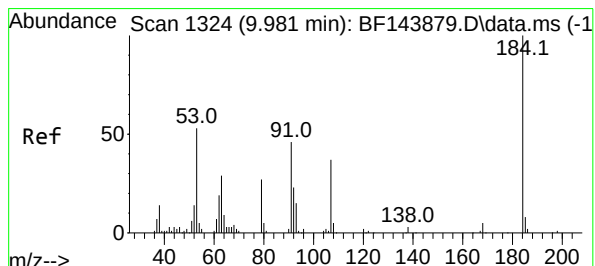
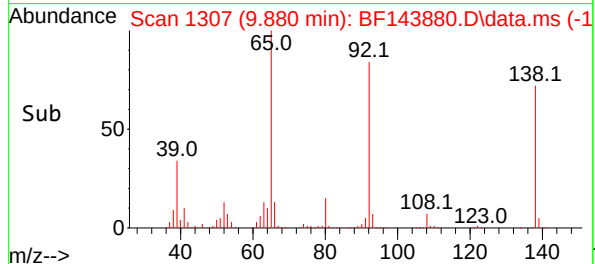
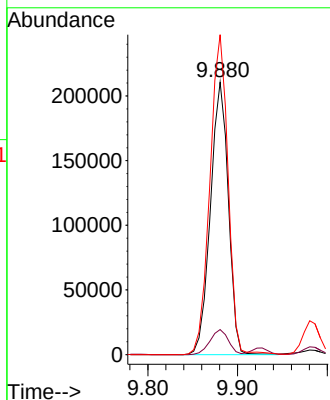
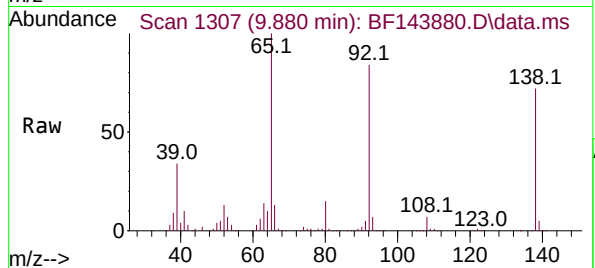




#53  
3-Nitroaniline  
Concen: 51.366 ng  
RT: 9.880 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

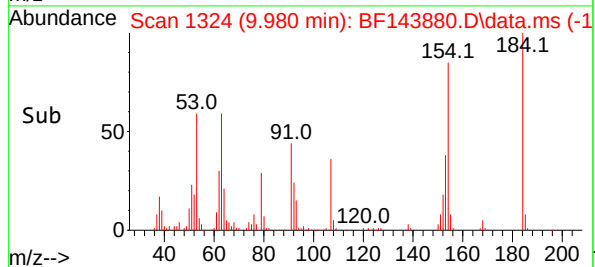
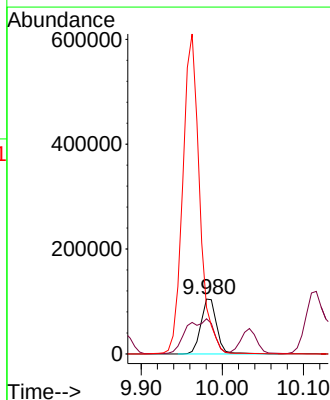
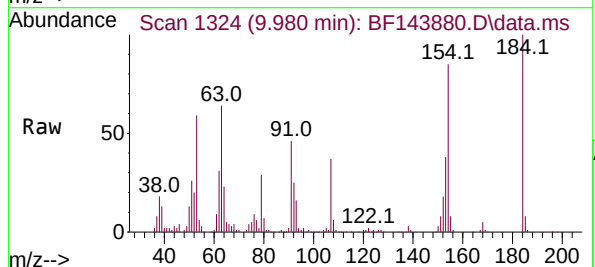
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:138 Resp: 291630  
Ion Ratio Lower Upper  
138 100  
108 9.2 8.3 12.5  
92 117.5 96.2 144.2

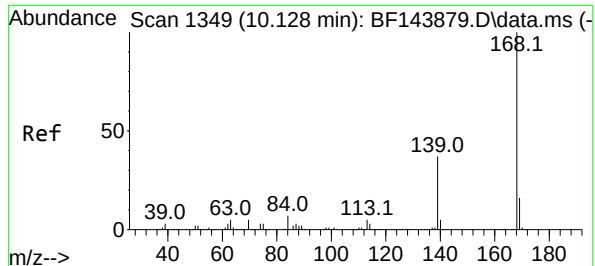


#54  
2,4-Dinitrophenol  
Concen: 51.801 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:184 Resp: 140496  
Ion Ratio Lower Upper  
184 100  
63 64.1 48.2 72.4  
154 84.8 49.2 73.8#







#55

Dibenzenofuran

Concen: 43.625 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

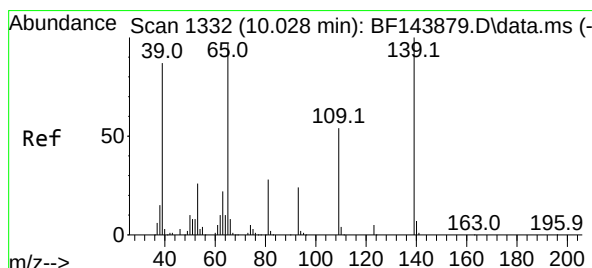
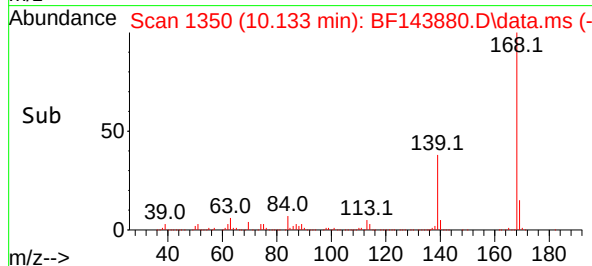
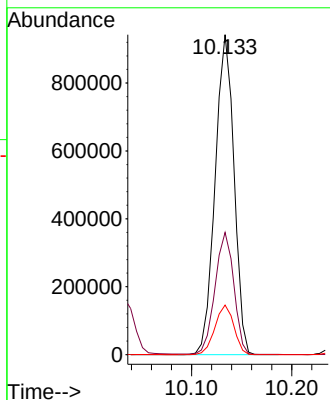
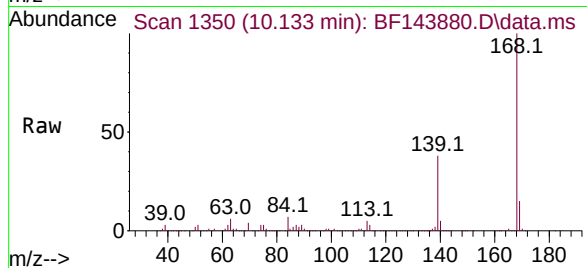
Tgt Ion:168 Resp: 1233091

Ion Ratio Lower Upper

168 100

139 38.2 29.8 44.8

169 15.5 12.8 19.2



#56

4-Nitrophenol

Concen: 52.750 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

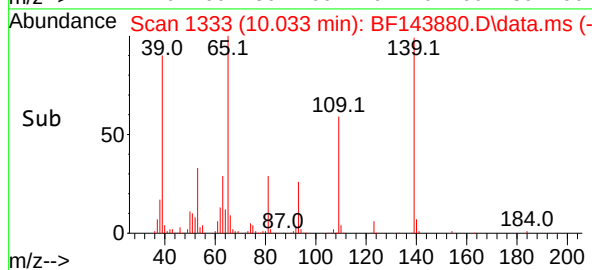
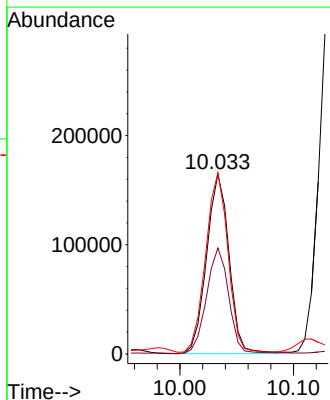
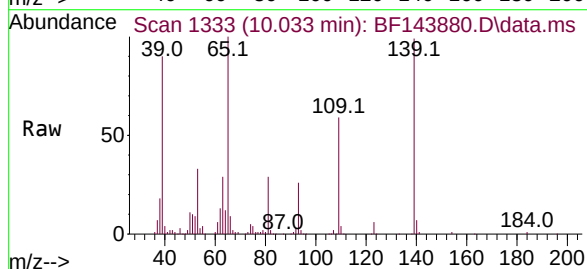
Tgt Ion:139 Resp: 226765

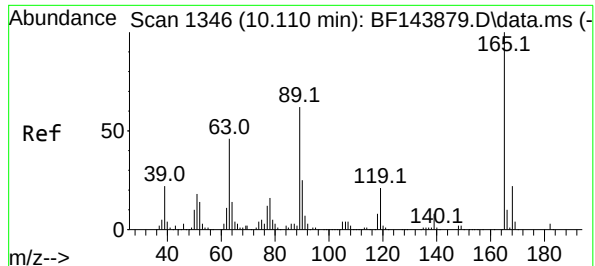
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 100.7 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 52.304 ng

RT: 10.116 min Scan# 1346

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 329984

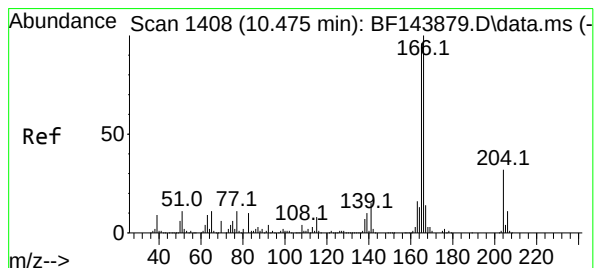
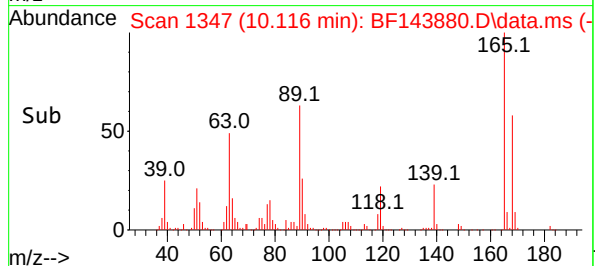
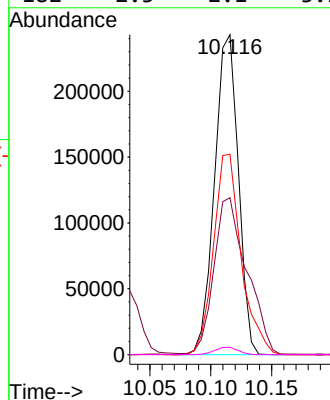
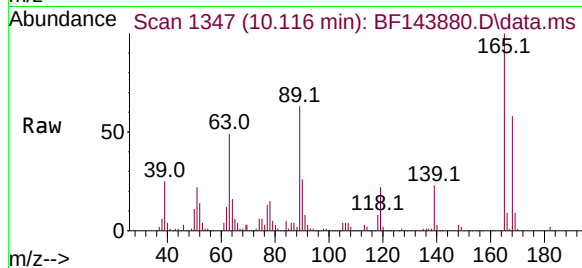
Ion Ratio Lower Upper

165 100

63 49.0 37.2 55.8

89 62.6 49.4 74.2

182 2.3 2.1 3.1



#58

Fluorene

Concen: 41.398 ng

RT: 10.480 min Scan# 1409

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

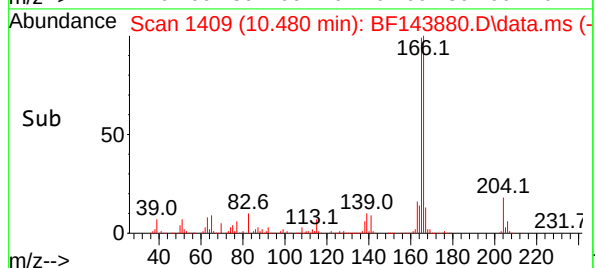
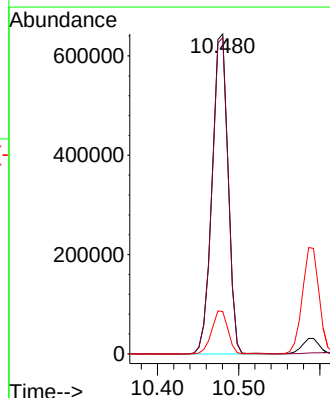
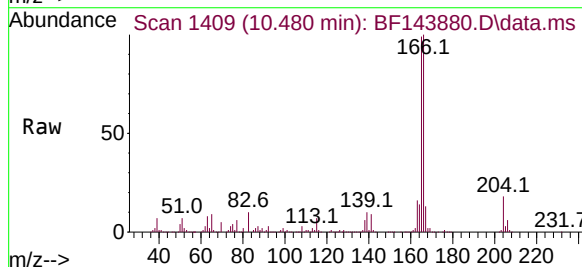
Tgt Ion:166 Resp: 882946

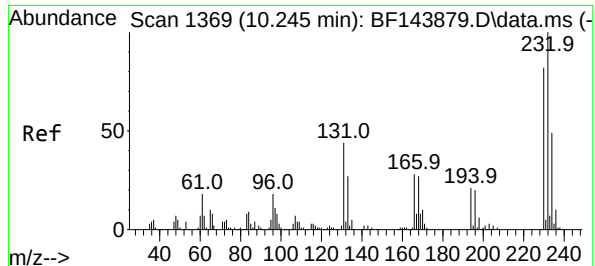
Ion Ratio Lower Upper

166 100

165 98.8 77.0 115.6

167 13.2 11.1 16.7

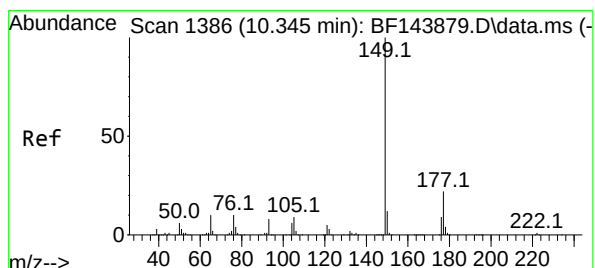
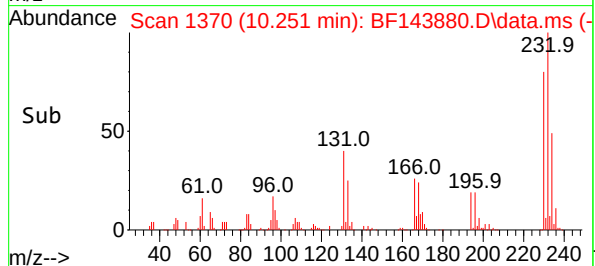
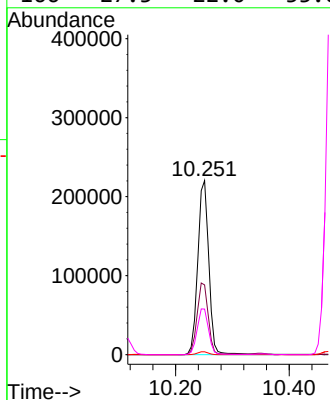
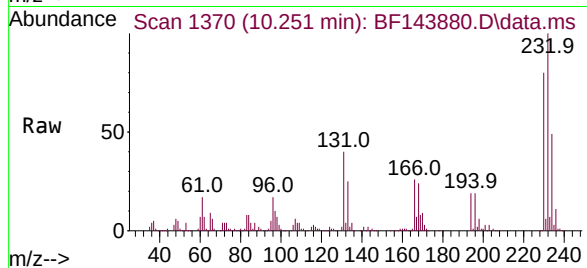




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.591 ng  
RT: 10.251 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

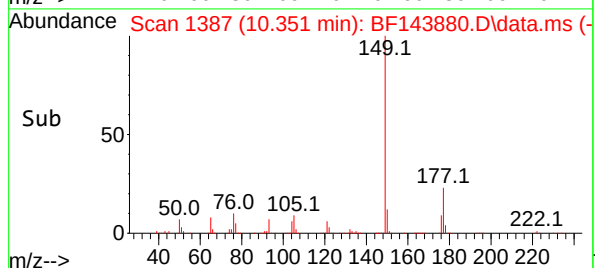
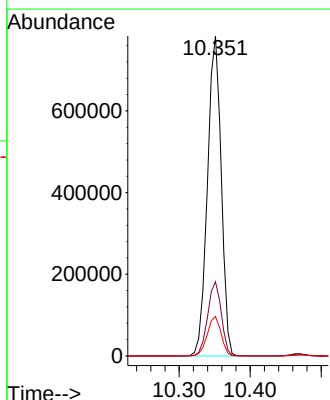
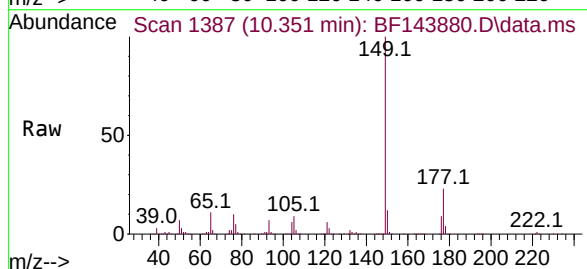
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

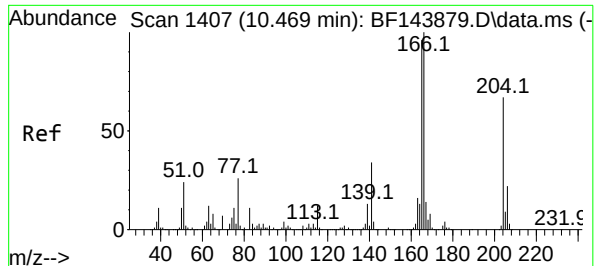
Tgt Ion:232 Resp: 294987  
Ion Ratio Lower Upper  
232 100  
131 41.7 34.9 52.3  
130 1.6 1.6 2.4#  
166 27.3 22.0 33.0



#60  
Diethylphthalate  
Concen: 45.330 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1053032  
Ion Ratio Lower Upper  
149 100  
177 23.2 17.9 26.9  
150 12.3 9.8 14.8

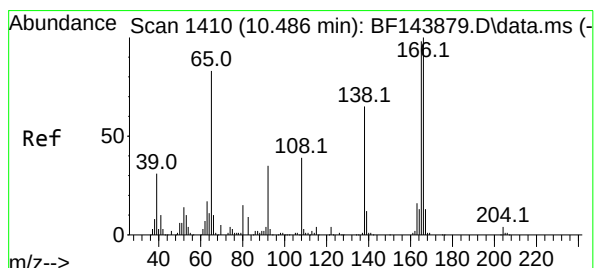
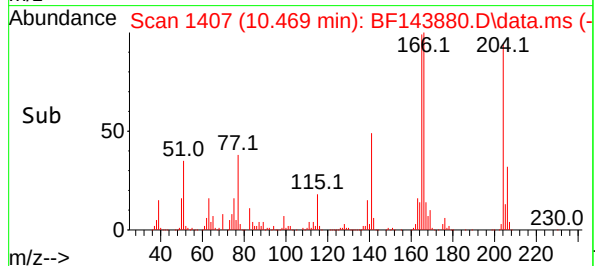
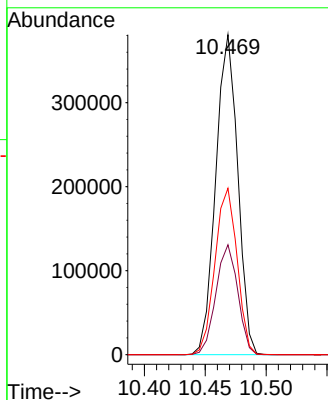
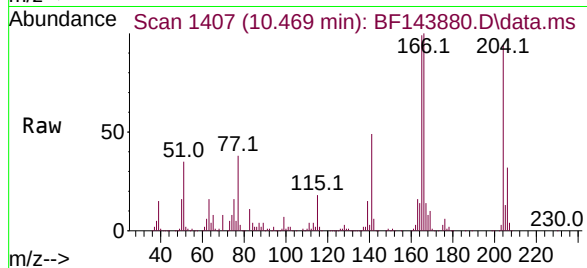




#61  
4-Chlorophenyl-phenylether  
Concen: 42.311 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

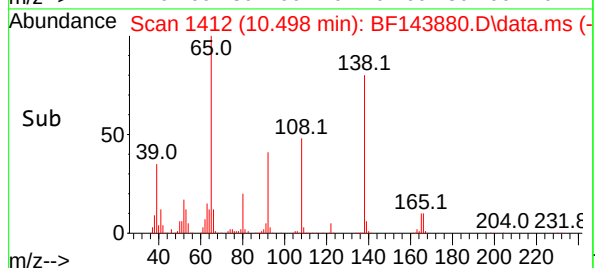
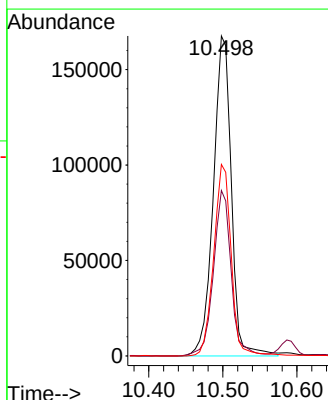
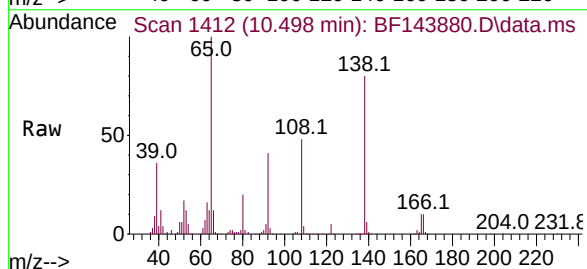
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

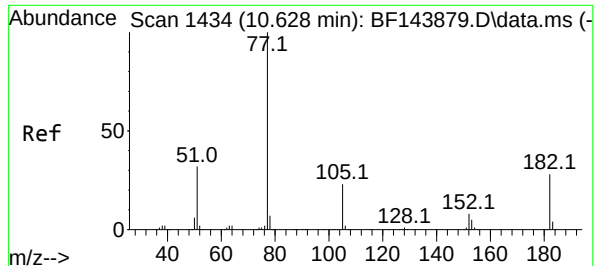
Tgt Ion:204 Resp: 477108  
Ion Ratio Lower Upper  
204 100  
206 34.3 26.6 40.0  
141 52.0 40.4 60.6



#62  
4-Nitroaniline  
Concen: 51.782 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.012 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:138 Resp: 282713  
Ion Ratio Lower Upper  
138 100  
92 51.7 33.9 73.9  
108 59.8 40.2 80.2

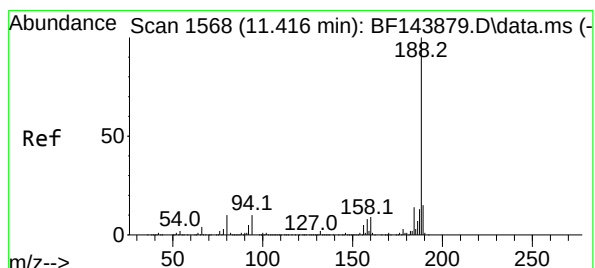
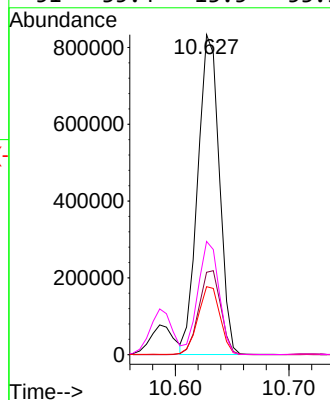
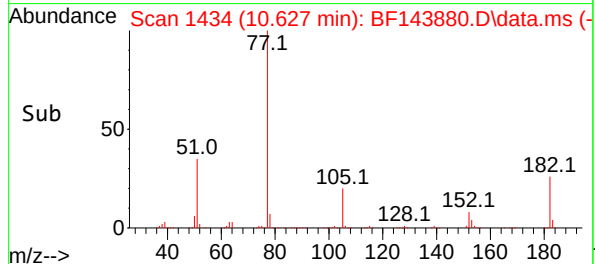
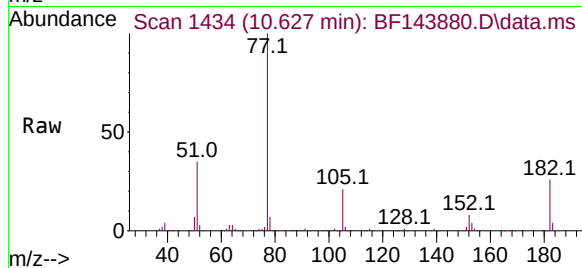




#63  
Azobenzene  
Concen: 45.178 ng  
RT: 10.627 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

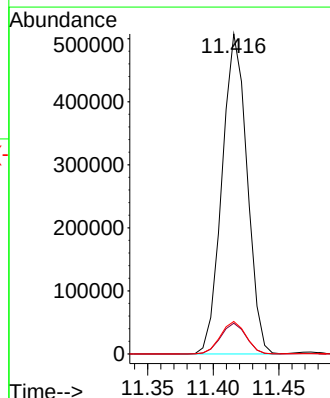
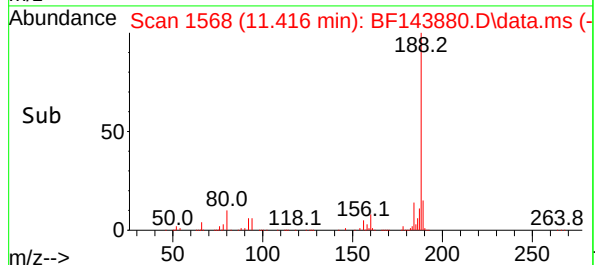
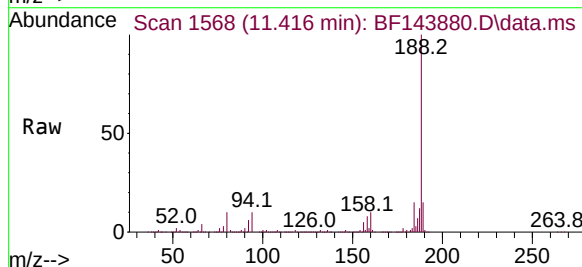
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

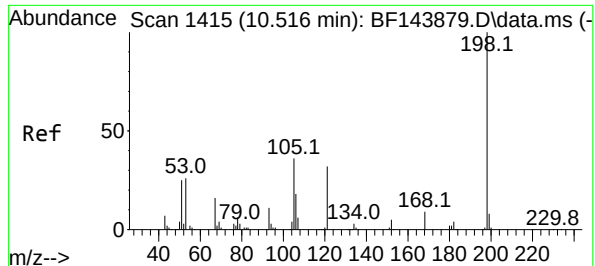
Tgt Ion: 77 Resp: 1096875  
Ion Ratio Lower Upper  
77 100  
182 25.7 7.3 47.3  
105 21.2 3.0 43.0  
51 35.4 13.5 53.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:188 Resp: 674807  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.8 11.6  
80 10.1 7.9 11.9

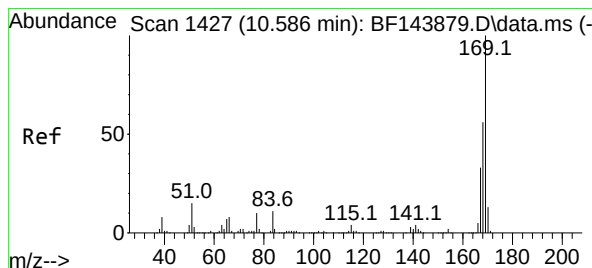
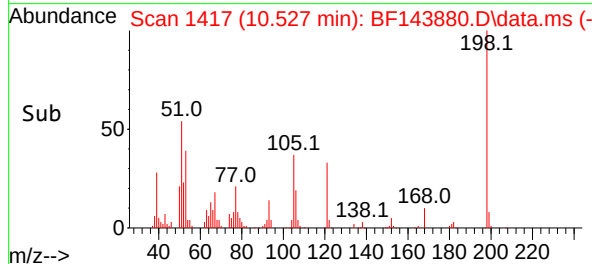
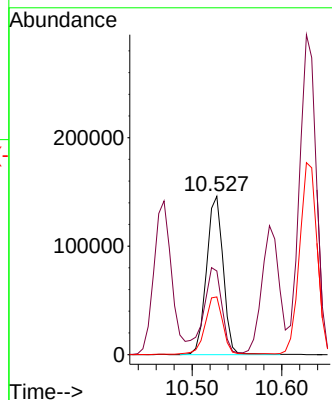
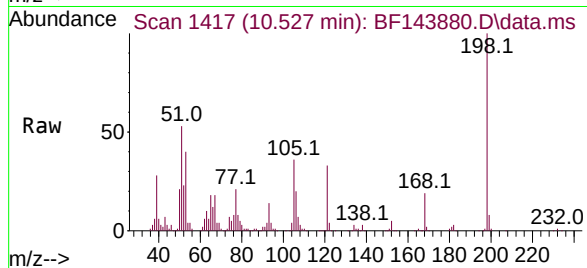




#65  
4,6-Dinitro-2-methylphenol  
Concen: 55.558 ng  
RT: 10.527 min Scan# 1415  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

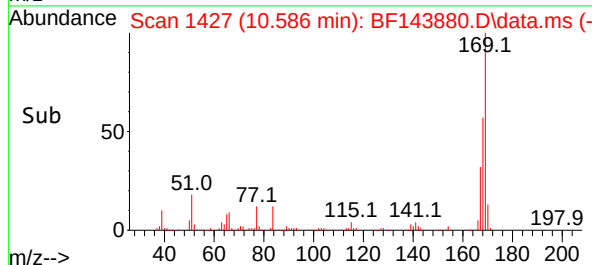
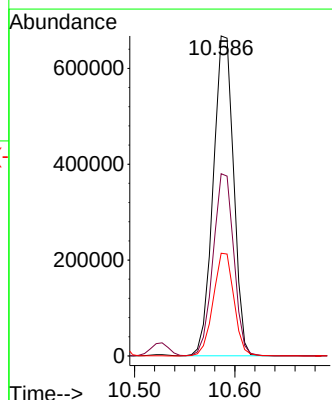
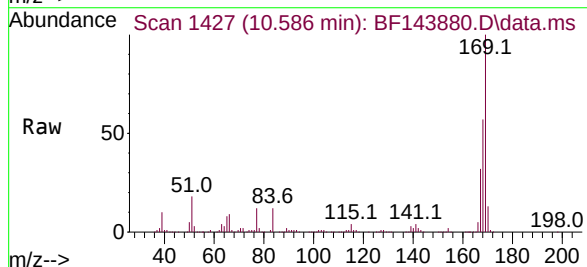
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

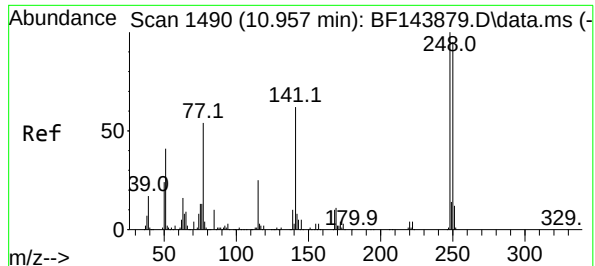
Tgt Ion:198 Resp: 188400  
Ion Ratio Lower Upper  
198 100  
51 52.8 33.8 73.8  
105 36.4 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 44.552 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:169 Resp: 943991  
Ion Ratio Lower Upper  
169 100  
168 56.9 44.9 67.3  
167 32.1 26.3 39.5

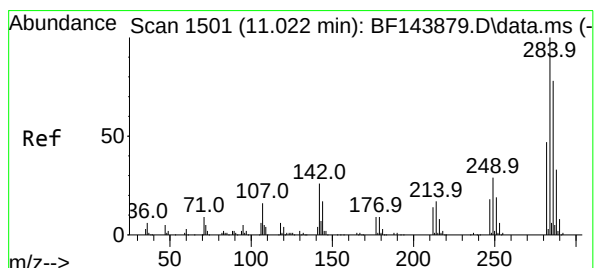
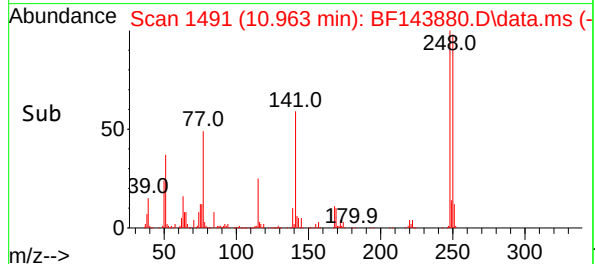
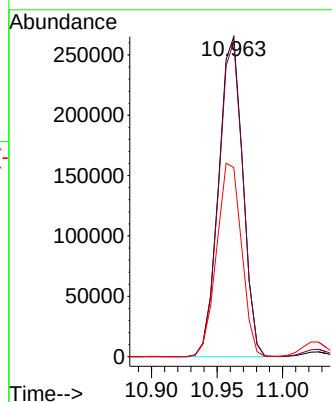
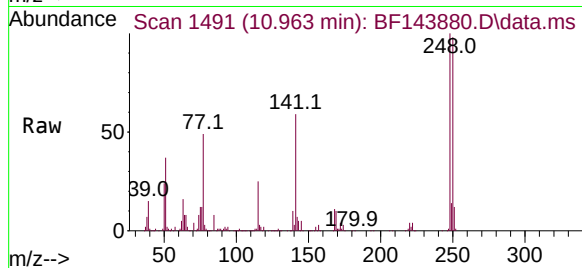




#67  
4-Bromophenyl-phenylether  
Concen: 45.566 ng  
RT: 10.963 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

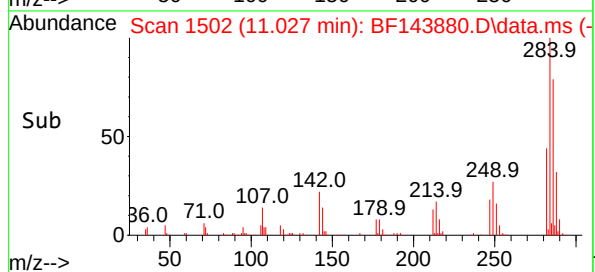
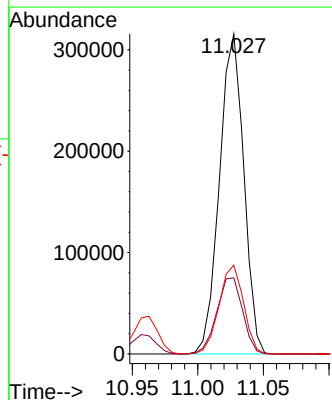
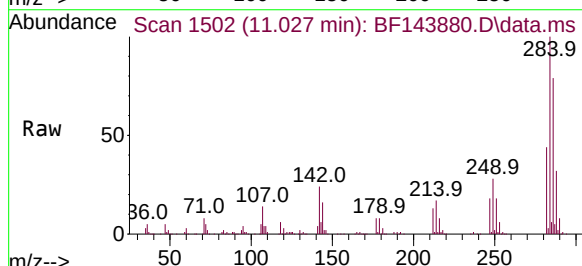
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

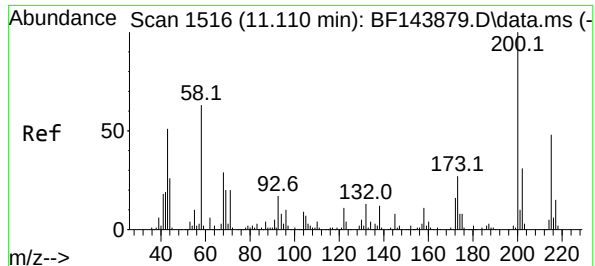
Tgt Ion:248 Resp: 339818  
Ion Ratio Lower Upper  
248 100  
250 98.4 76.3 114.5  
141 59.1 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 47.211 ng  
RT: 11.027 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:284 Resp: 407614  
Ion Ratio Lower Upper  
284 100  
142 23.8 20.6 30.8  
249 27.7 23.2 34.8





#69

Atrazine

Concen: 48.240 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

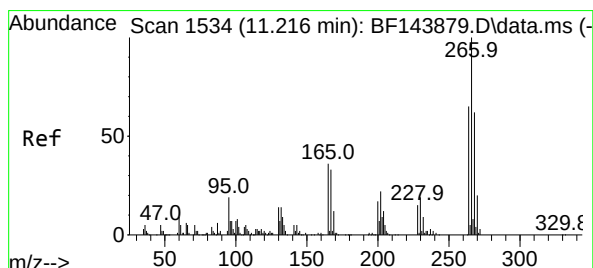
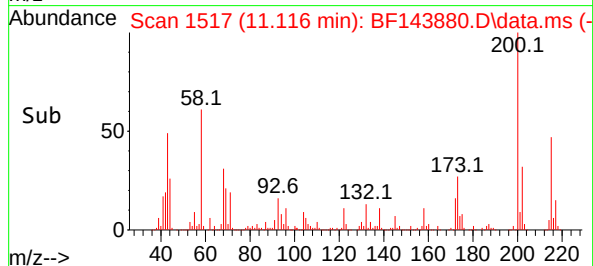
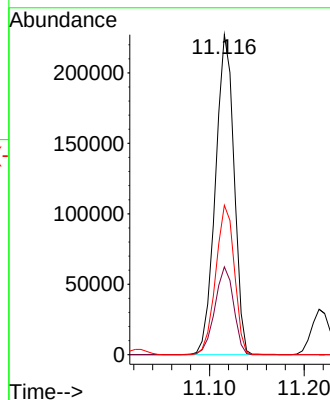
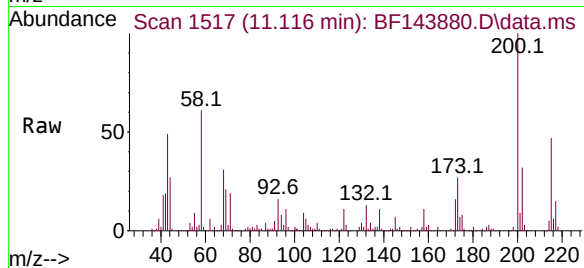
Tgt Ion:200 Resp: 309799

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 52.304 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

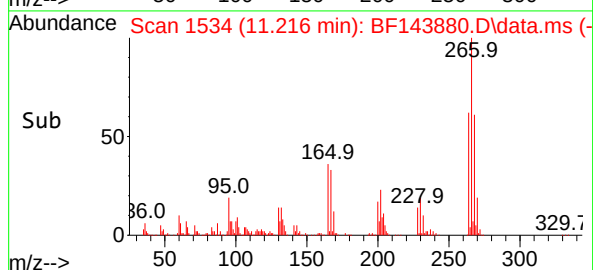
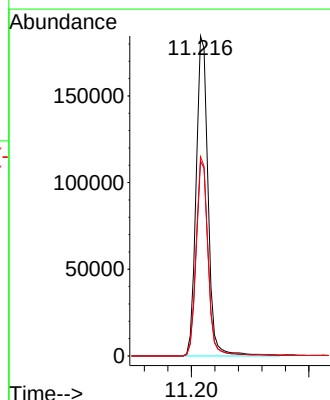
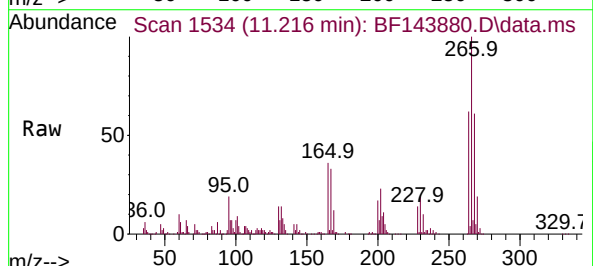
Tgt Ion:266 Resp: 259359

Ion Ratio Lower Upper

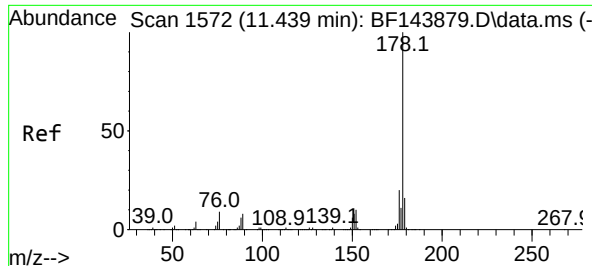
266 100

268 60.8 49.4 74.0

264 62.2 51.8 77.6



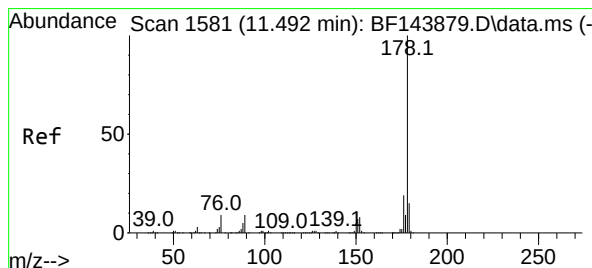
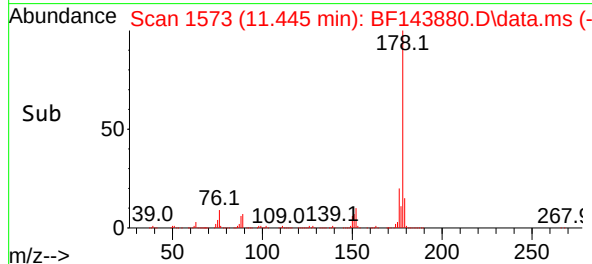
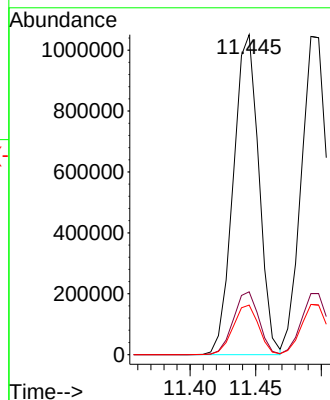
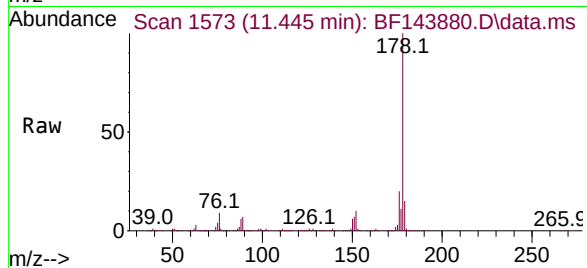




#71  
Phenanthrene  
Concen: 43.395 ng  
RT: 11.445 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

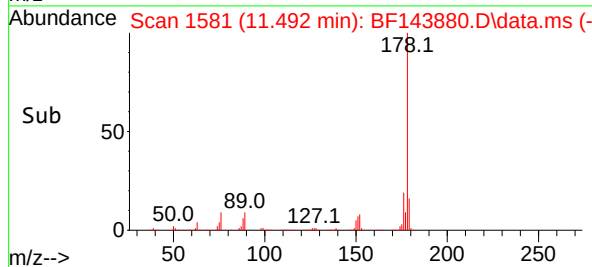
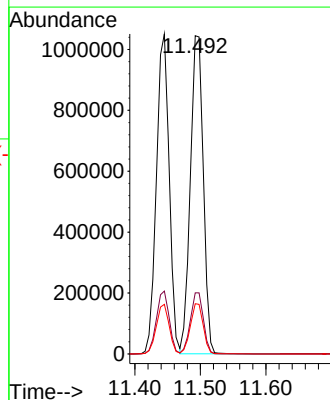
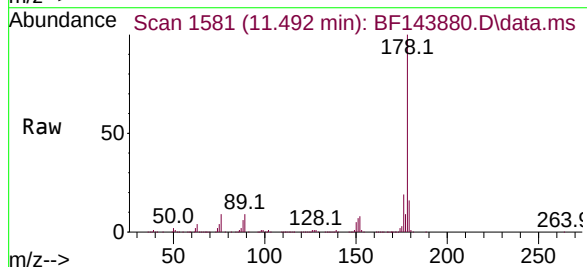
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

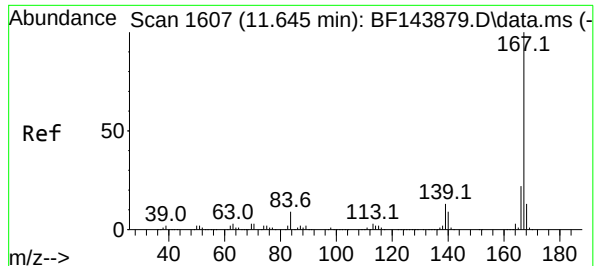
Tgt Ion:178 Resp: 1419666  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.5 12.4 18.6



#72  
Anthracene  
Concen: 43.583 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:178 Resp: 1440404  
Ion Ratio Lower Upper  
178 100  
176 19.2 14.9 22.3  
179 15.8 12.2 18.2

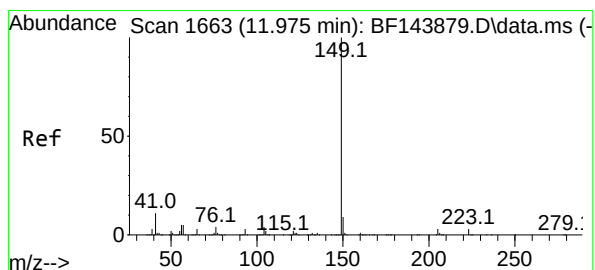
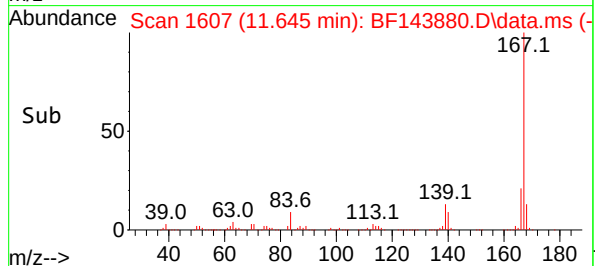
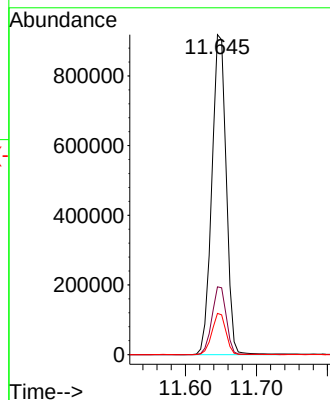
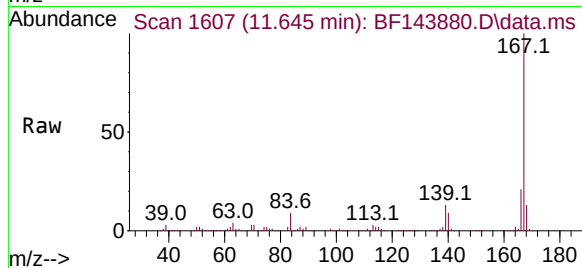




#73  
Carbazole  
Concen: 44.139 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

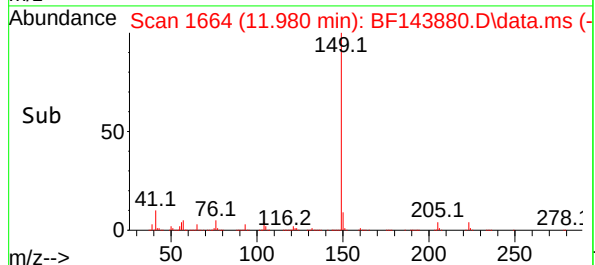
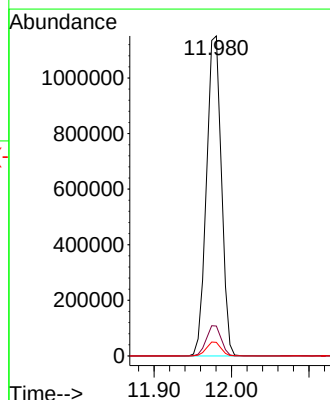
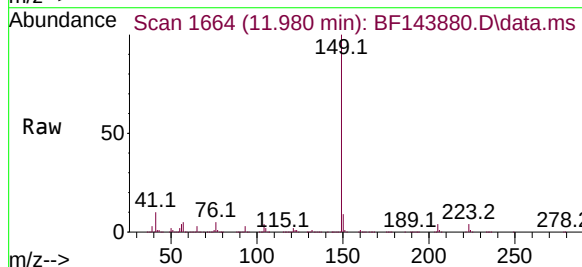
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

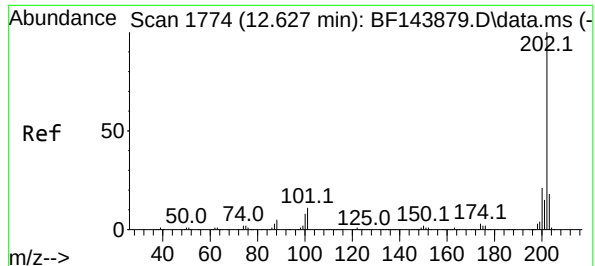
Tgt Ion:167 Resp: 1291982  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.2 25.8  
139 12.9 10.1 15.1



#74  
Di-n-butylphthalate  
Concen: 45.246 ng  
RT: 11.980 min Scan# 1664  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1534951  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 4.2 3.4 5.2

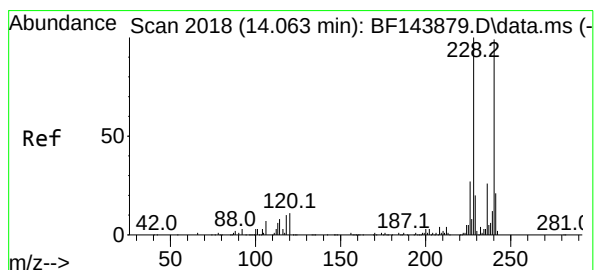
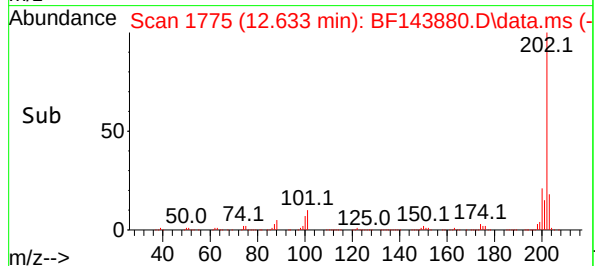
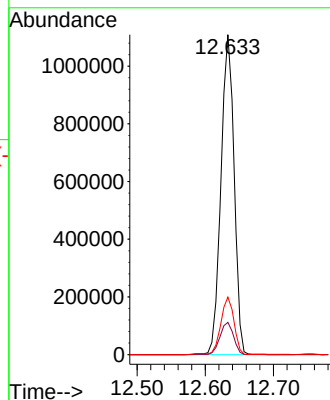
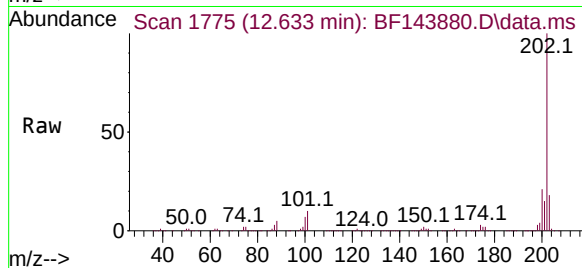




#75  
Fluoranthene  
Concen: 43.744 ng  
RT: 12.633 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

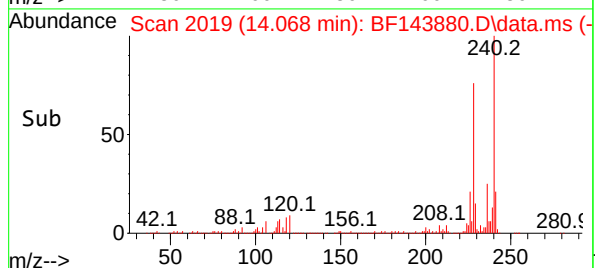
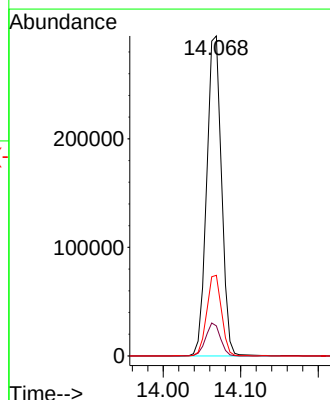
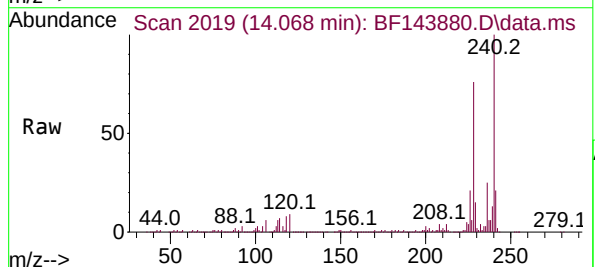
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

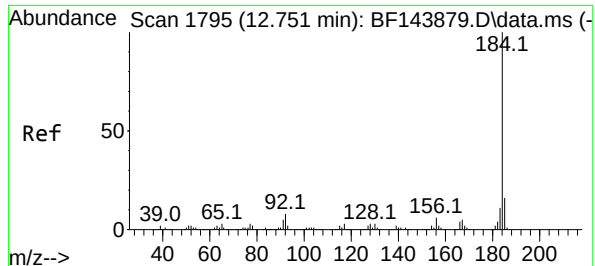
Tgt Ion:202 Resp: 1478181  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 30.7  
203 18.0 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:240 Resp: 390779  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.6 13.0  
236 25.2 21.1 31.7





#77

Benzidine

Concen: 46.882 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDIC050

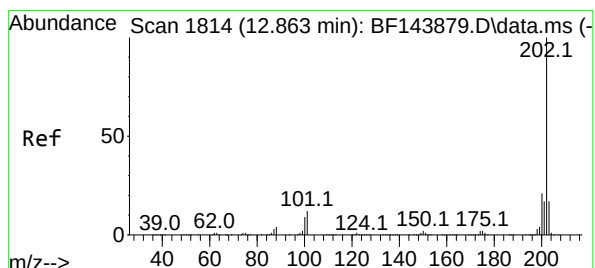
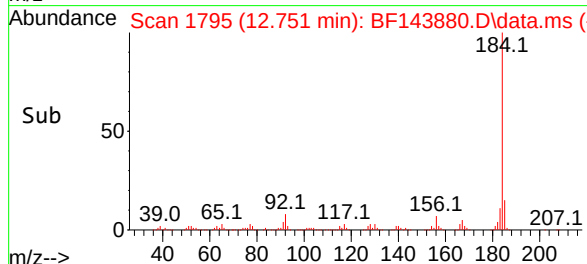
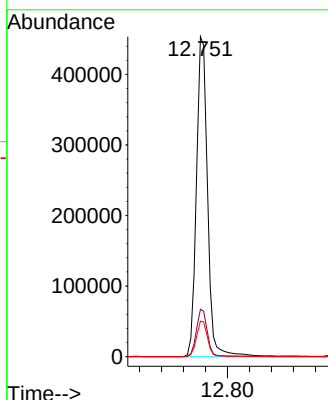
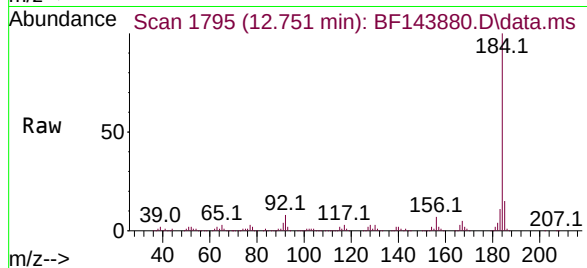
Tgt Ion:184 Resp: 636126

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 11.1 8.8 13.2



#78

Pyrene

Concen: 46.206 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

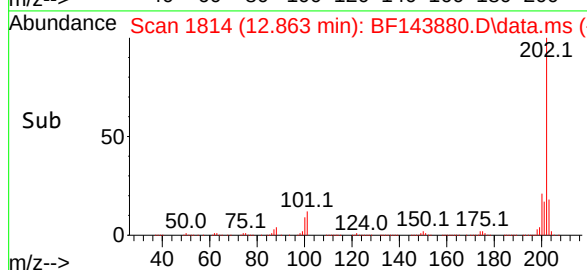
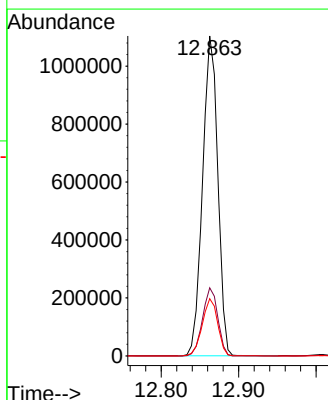
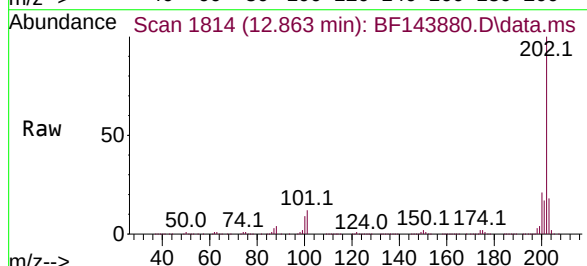
Tgt Ion:202 Resp: 1505326

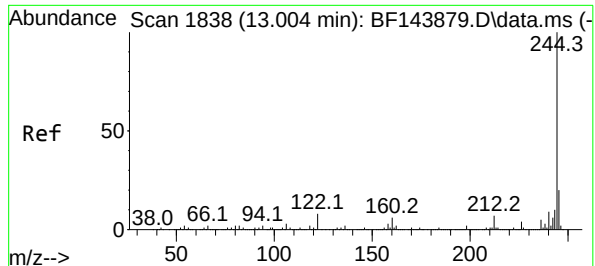
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 91.121 ng

RT: 13.010 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

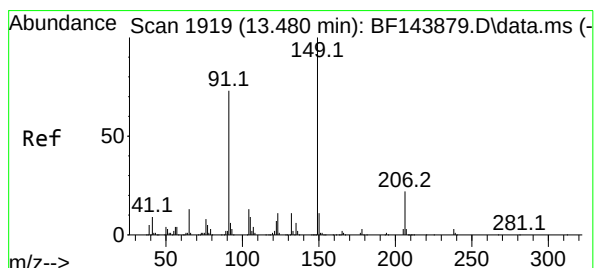
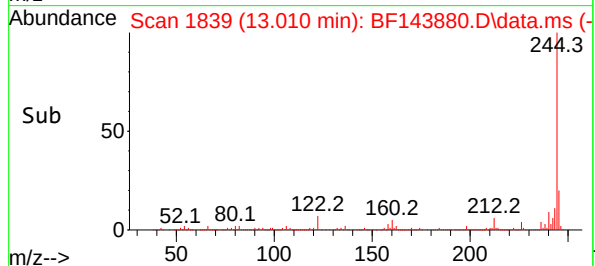
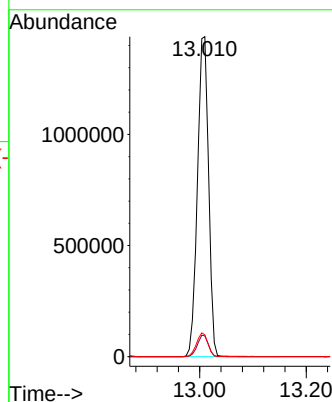
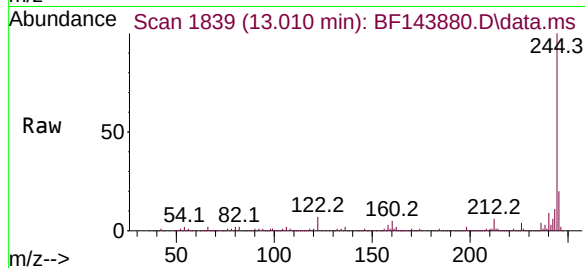
Tgt Ion:244 Resp: 2083463

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 6.8 6.4 9.6



#80

Butylbenzylphthalate

Concen: 50.352 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

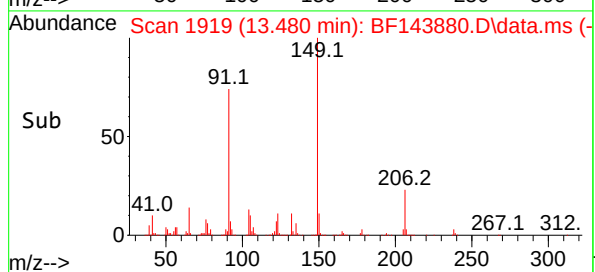
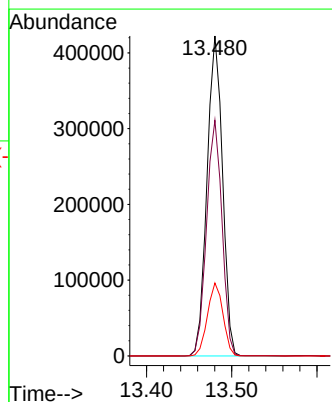
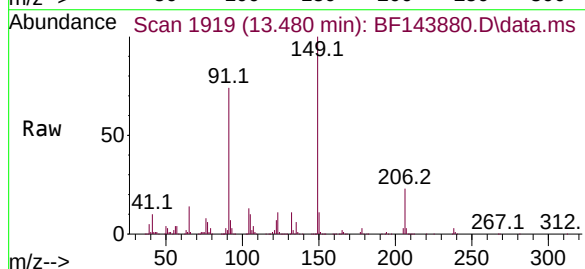
Tgt Ion:149 Resp: 532754

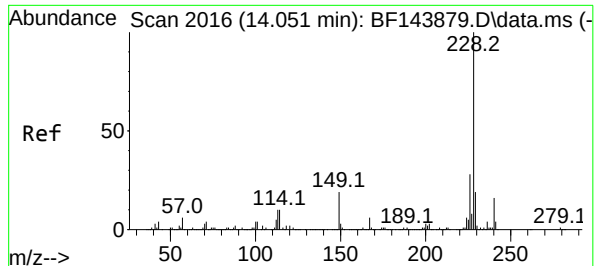
Ion Ratio Lower Upper

149 100

91 73.6 58.2 87.2

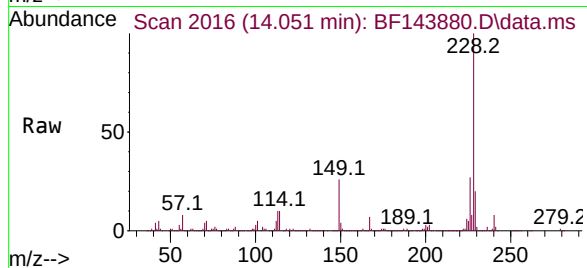
206 22.8 17.9 26.9



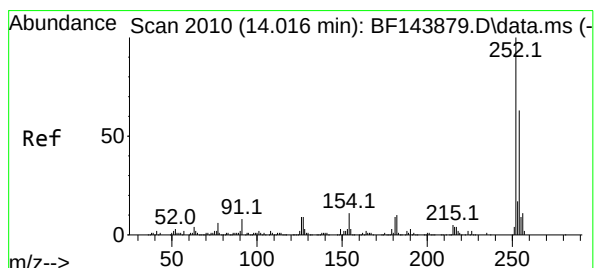
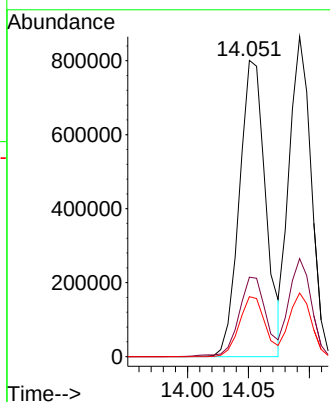
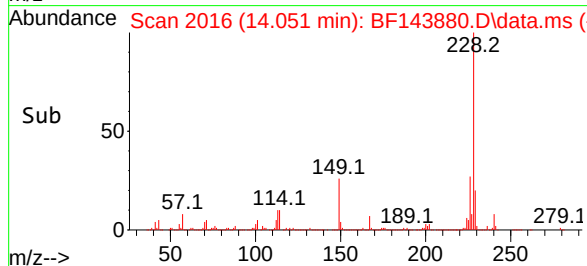


#81  
Benzo(a)anthracene  
Concen: 47.075 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

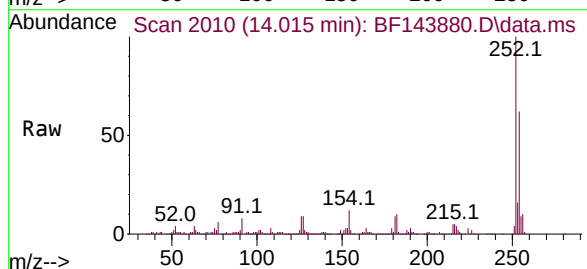
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050



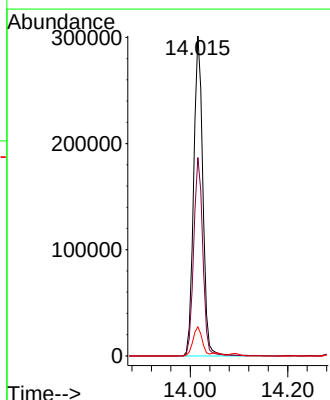
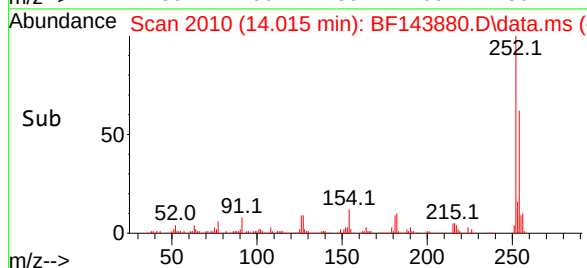
Tgt Ion:228 Resp: 1203843  
Ion Ratio Lower Upper  
228 100  
226 26.8 22.2 33.2  
229 20.2 15.6 23.4

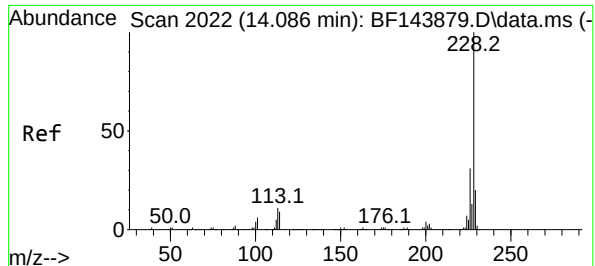


#82  
3,3'-Dichlorobenzidine  
Concen: 50.214 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23



Tgt Ion:252 Resp: 391334  
Ion Ratio Lower Upper  
252 100  
254 62.0 50.6 76.0  
126 9.1 7.0 10.6

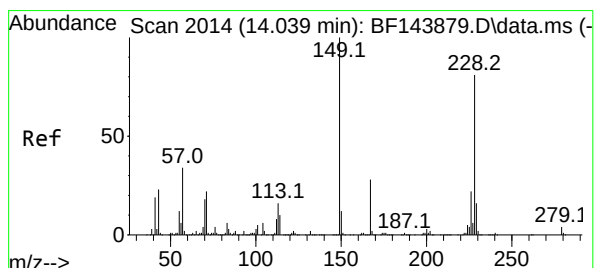
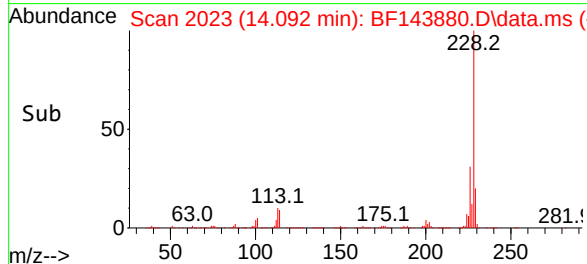
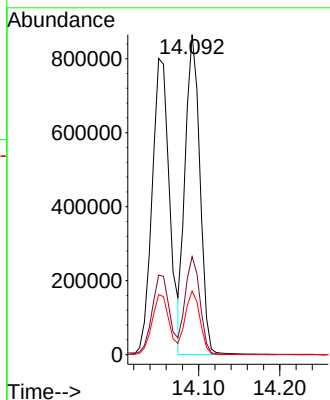
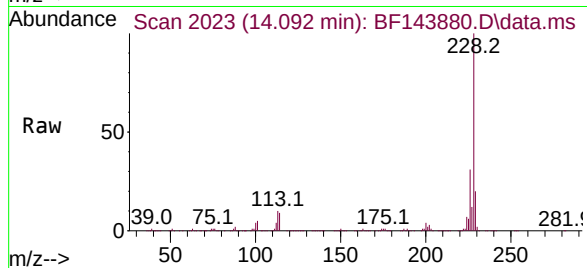




#83  
Chrysene  
Concen: 46.065 ng  
RT: 14.092 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

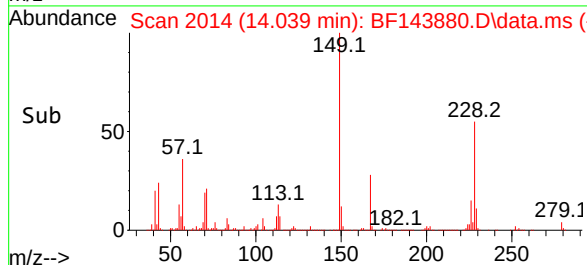
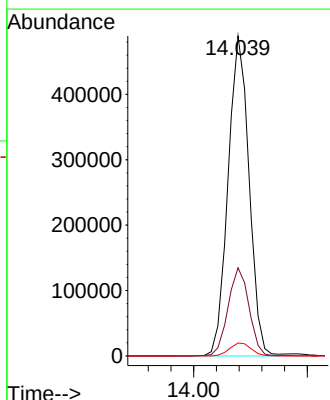
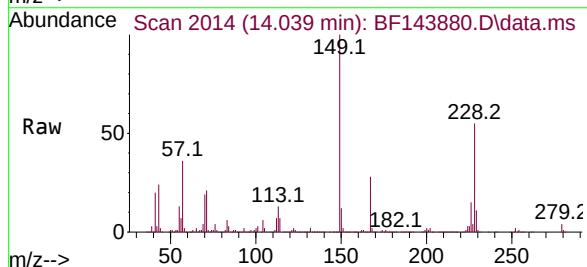
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

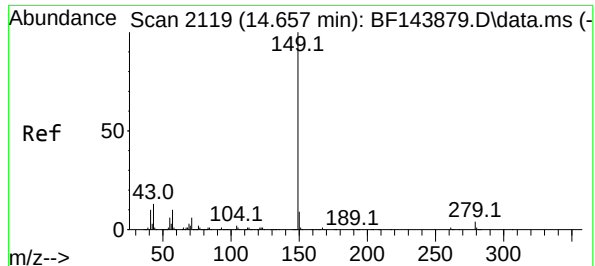
Tgt Ion:228 Resp: 1090275  
Ion Ratio Lower Upper  
228 100  
226 30.7 24.4 36.6  
229 19.9 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.146 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 626818  
Ion Ratio Lower Upper  
149 100  
167 27.5 22.2 33.4  
279 4.0 3.1 4.7

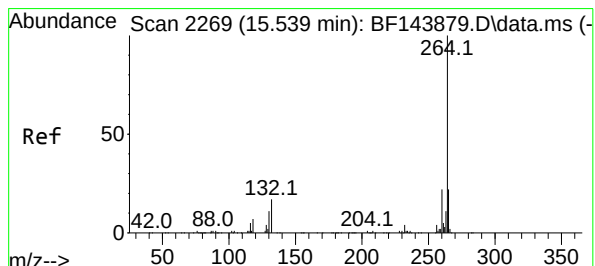
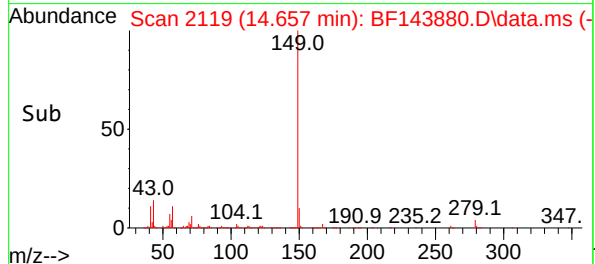
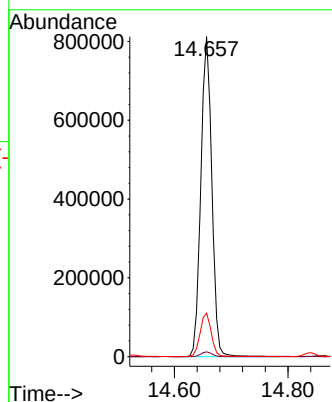
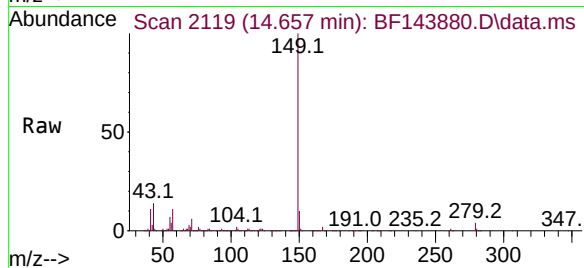




#85  
Di-n-octyl phthalate  
Concen: 51.691 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

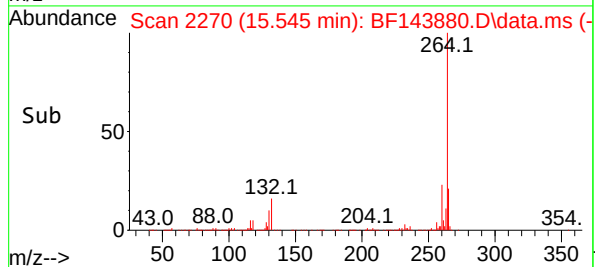
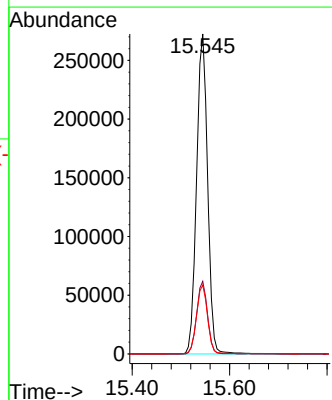
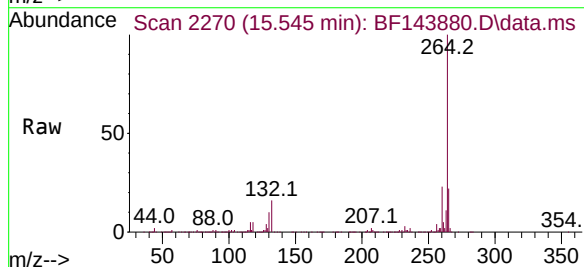
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:149 Resp: 1082833  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 13.9 11.0 16.4

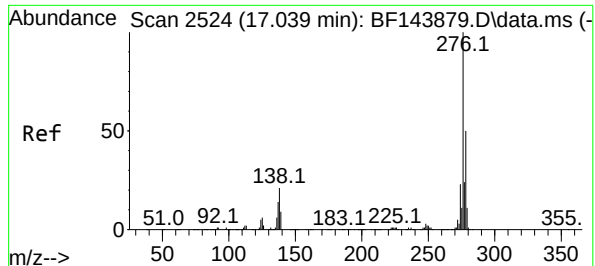


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:264 Resp: 426414  
Ion Ratio Lower Upper  
264 100  
260 22.7 17.8 26.8  
265 21.6 17.5 26.3







#87

Indeno(1,2,3-cd)pyrene

Concen: 50.373 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

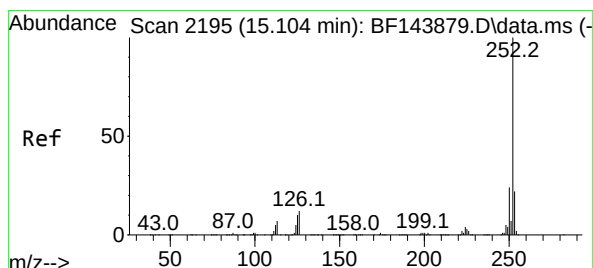
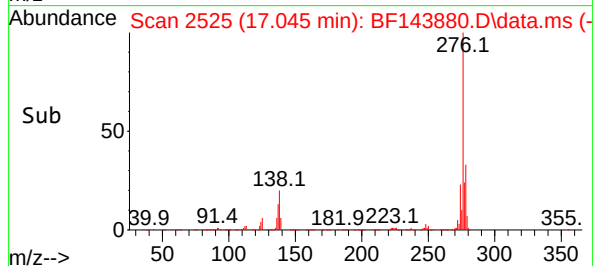
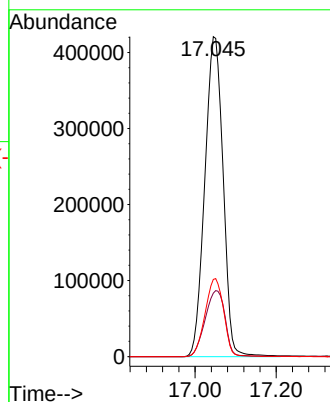
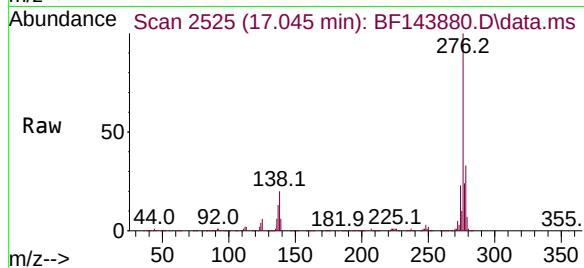
Tgt Ion:276 Resp: 1316167

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.2

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 47.652 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

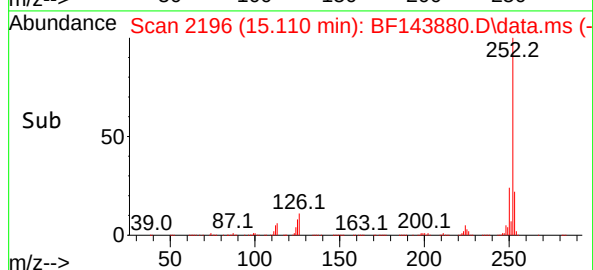
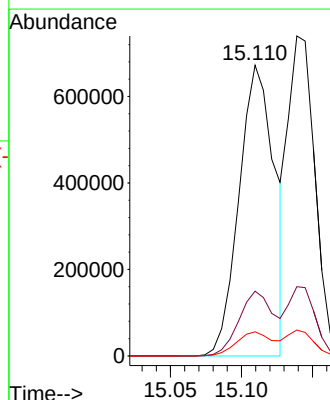
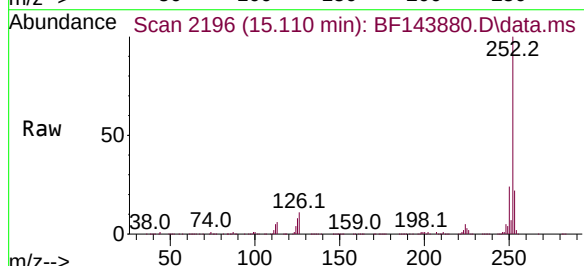
Tgt Ion:252 Resp: 1167220

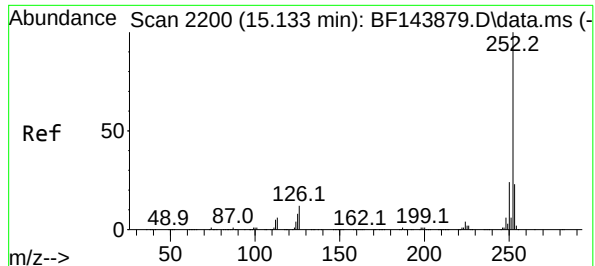
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.392 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA\_F

ClientSampleId :

SSTDICC050

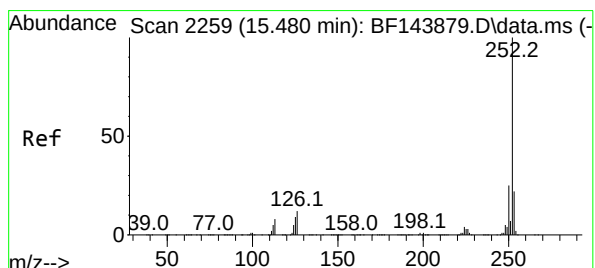
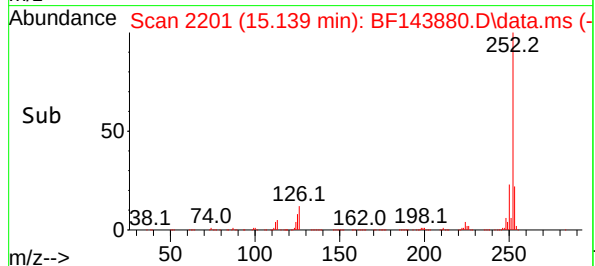
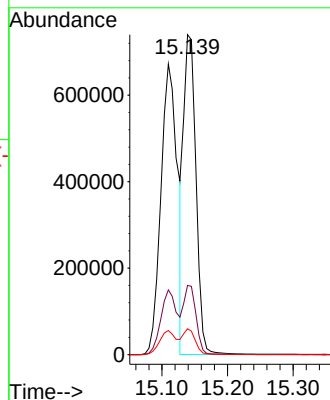
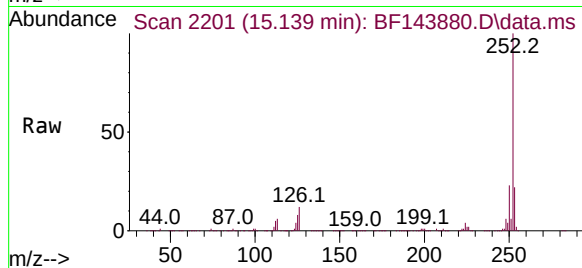
Tgt Ion:252 Resp: 983488

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.960 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

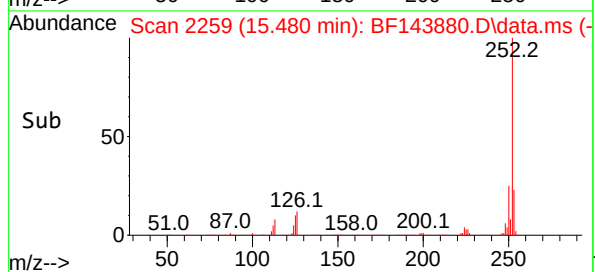
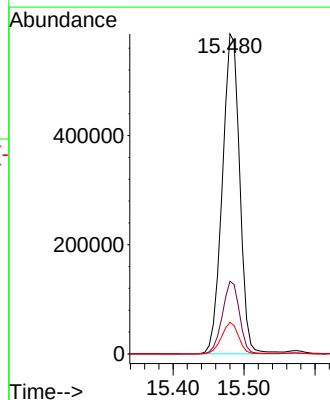
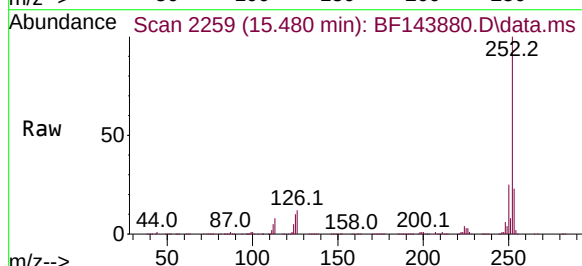
Tgt Ion:252 Resp: 997382

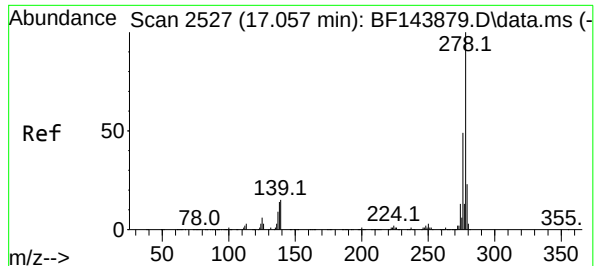
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 9.8 7.0 10.4

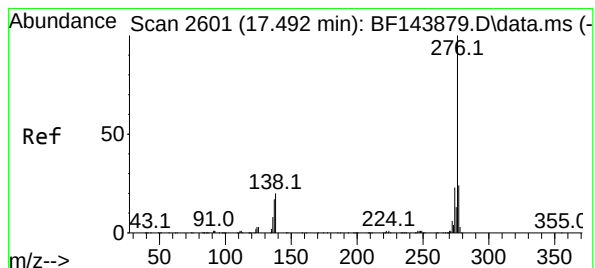
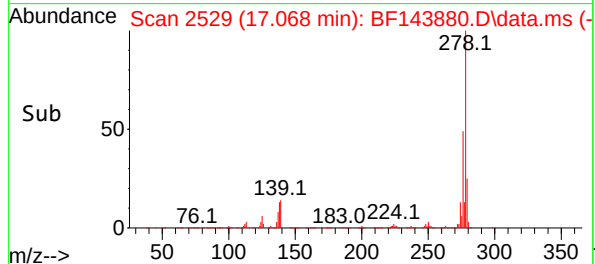
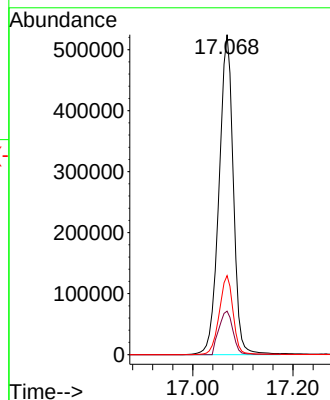
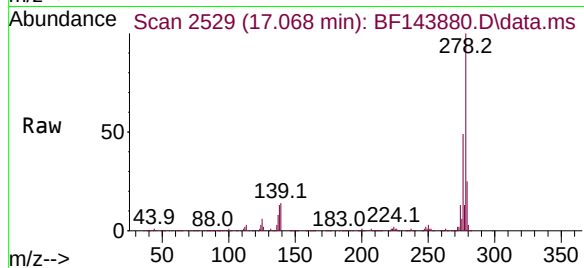




#91  
Dibenzo(a,h)anthracene  
Concen: 49.457 ng  
RT: 17.068 min Scan# 2527  
Delta R.T. -0.012 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

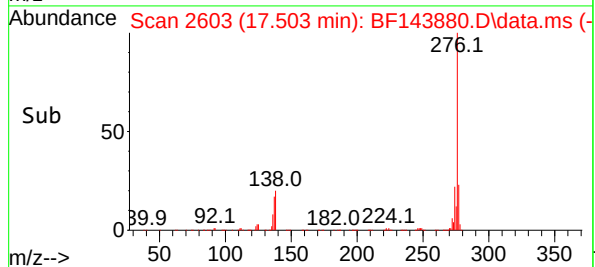
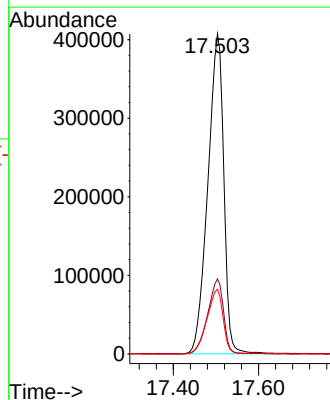
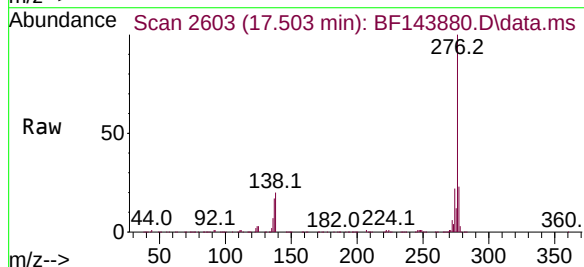
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC050

Tgt Ion:278 Resp: 1039281  
Ion Ratio Lower Upper  
278 100  
139 13.6 11.7 17.5  
279 24.7 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 50.253 ng  
RT: 17.503 min Scan# 2603  
Delta R.T. -0.012 min  
Lab File: BF143880.D  
Acq: 06 Oct 2025 13:23

Tgt Ion:276 Resp: 1056021  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.0 28.6  
138 20.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143881.D  
 Acq On : 06 Oct 2025 13:53  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Oct 06 15:38:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 136069   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 524164   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 286024   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 485489   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 287097   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 309882   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 961239   | 112.181 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 1132663  | 110.899 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 1021762  | 118.430 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 343442   | 120.554 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1764203  | 97.871  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 1861234  | 110.799 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 235125   | 59.298  | ng    | 98       |
| 3) Pyridine                   | 3.410  | 79   | 685786   | 59.411  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.369  | 42   | 371223   | 61.134  | ng    | 96       |
| 6) Aniline                    | 6.551  | 93   | 870980   | 56.909  | ng    | 100      |
| 8) 2-Chlorophenol             | 6.669  | 128  | 482622   | 57.621  | ng    | 98       |
| 9) Benzaldehyde               | 6.440  | 77   | 567228   | 71.995  | ng    | 99       |
| 10) Phenol                    | 6.528  | 94   | 710019   | 58.149  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 531386   | 56.337  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 541823   | 54.041  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 547027   | 55.312  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 525807   | 55.507  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 450578   | 58.880  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1202366  | 56.002  | ng    | 100      |
| 17) 2-Methylphenol            | 7.134  | 107  | 402660   | 58.170  | ng    | 97       |
| 18) Hexachloroethane          | 7.398  | 117  | 189228   | 57.373  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 383071   | 54.794  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 435782   | 54.319  | ng    | 94       |
| 22) Acetophenone              | 7.298  | 105  | 589502   | 53.189  | ng    | 98       |
| 24) Nitrobenzene              | 7.469  | 77   | 574563   | 59.969  | ng    | 99       |
| 25) Isophorone                | 7.710  | 82   | 1042198  | 57.290  | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 272450   | 66.327  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 437344   | 59.187  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.916  | 93   | 631066   | 54.917  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 442749   | 57.524  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 428102   | 56.555  | ng    | 98       |
| 31) Naphthalene               | 8.192  | 128  | 1284573  | 53.874  | ng    | 100      |
| 32) Benzoic acid              | 7.940  | 122  | 348955   | 68.237  | ng    | 97       |
| 33) 4-Chloroaniline           | 8.239  | 127  | 504823   | 56.451  | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 294507   | 55.989  | ng    | 98       |
| 35) Caprolactam               | 8.622  | 113  | 146970   | 60.055  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 423904   | 57.336  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 838837   | 52.814  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 822755   | 53.405  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 445714   | 56.382  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 205978   | 62.806  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 338809   | 58.657  | ng    | 98       |

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 Acq On : 06 Oct 2025 13:53  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

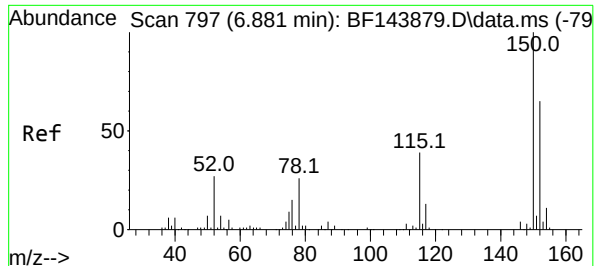
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 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 345605   | 56.620 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 1004440  | 53.040 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 860999   | 54.531 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 312884   | 62.679 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 1223951  | 55.140 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 1031391  | 56.783 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.710  | 165  | 214169   | 63.587 | ng    | 99       |
| 52) Acenaphthene              | 9.963  | 154  | 801773   | 55.124 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.881  | 138  | 255984   | 62.070 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 123295   | 61.138 | ng    | 95       |
| 55) Dibenzofuran              | 10.133 | 168  | 1111183  | 54.120 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 195321   | 62.550 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 297018   | 64.812 | ng    | 97       |
| 58) Fluorene                  | 10.475 | 166  | 791518   | 51.090 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 264796   | 61.283 | ng    | # 97     |
| 60) Diethylphthalate          | 10.351 | 149  | 948580   | 56.214 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 433339   | 52.905 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.498 | 138  | 247024   | 62.288 | ng    | 98       |
| 63) Azobenzene                | 10.628 | 77   | 992054   | 56.252 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 166740   | 68.344 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.586 | 169  | 850570   | 55.797 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 302165   | 56.317 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.028 | 284  | 356406   | 57.378 | ng    | 97       |
| 69) Atrazine                  | 11.116 | 200  | 257412   | 55.713 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 224011   | 62.792 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 1270063  | 53.961 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 1282940  | 53.956 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 1170717  | 55.592 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 1389569  | 56.934 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1325716  | 54.530 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 551394   | 55.312 | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 1359513  | 56.800 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 476448   | 61.293 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 1111626  | 59.168 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 347863   | 60.756 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 969765   | 55.770 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 579121   | 61.804 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 991597   | 64.431 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.045 | 276  | 1173726  | 61.815 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 1117484  | 62.778 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 855988   | 51.969 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 901585   | 58.412 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 935987   | 61.291 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.504 | 276  | 946452   | 61.976 | ng    | 98       |

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

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BNA\_F  
**ClientSampleId :**  
SSTDICC060

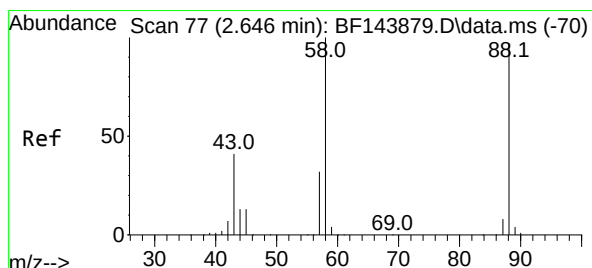
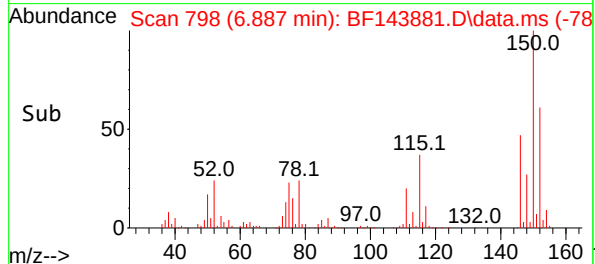
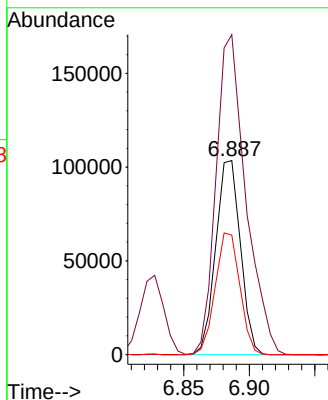
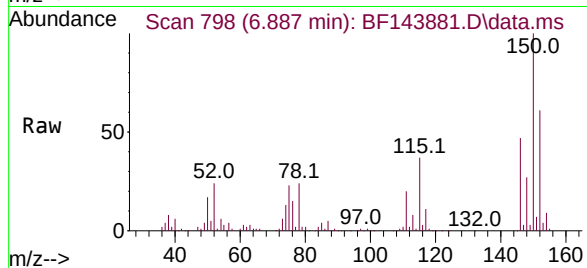
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 79  
Delta R.T. 0.001 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

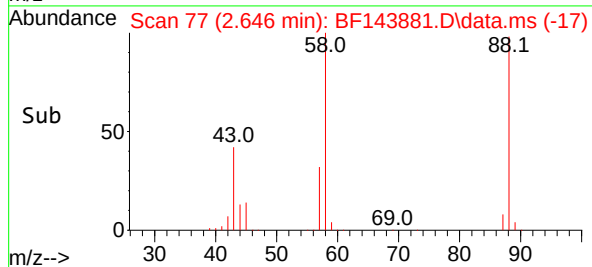
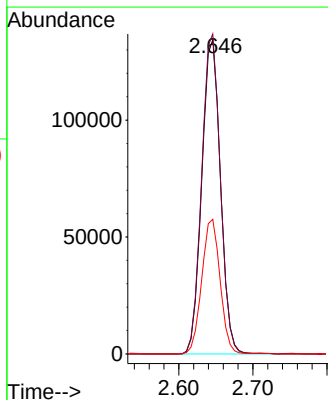
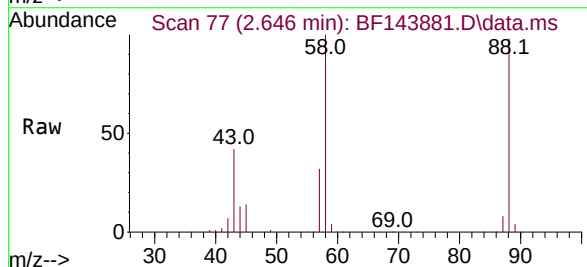
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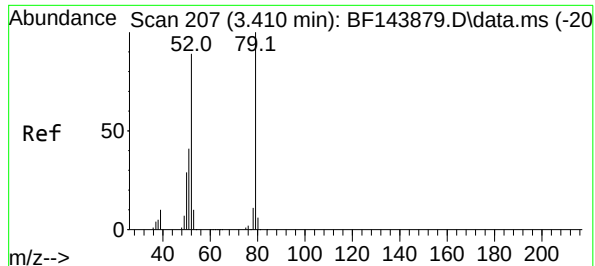
Tgt Ion:152 Resp: 136069  
Ion Ratio Lower Upper  
152 100  
150 165.0 124.4 186.6  
115 61.6 48.1 72.1



#2  
1,4-Dioxane  
Concen: 59.298 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 88 Resp: 235125  
Ion Ratio Lower Upper  
88 100  
58 101.8 83.0 124.6  
43 42.1 33.9 50.9





#3

Pyridine

Concen: 59.411 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

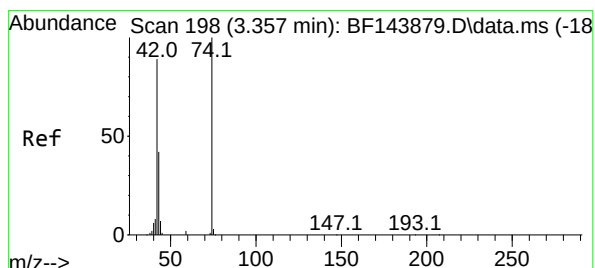
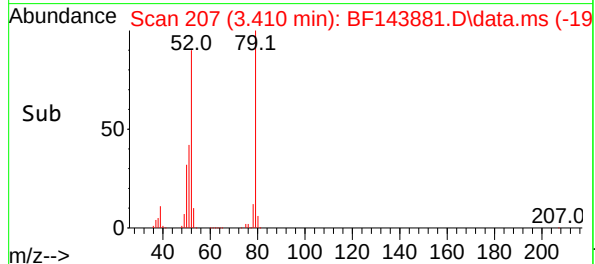
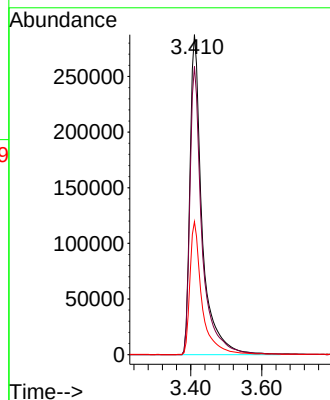
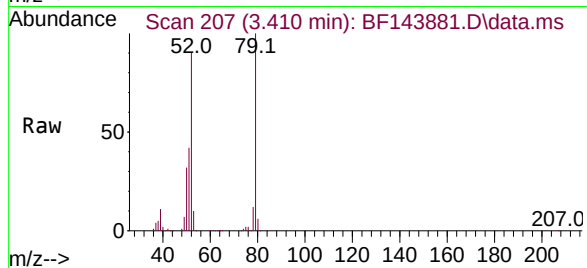
Tgt Ion: 79 Resp: 685786

Ion Ratio Lower Upper

79 100

52 90.0 71.5 107.3

51 41.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 61.134 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.017 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

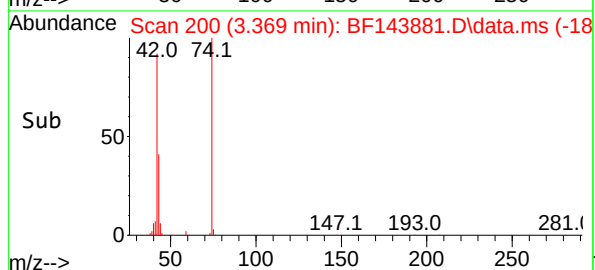
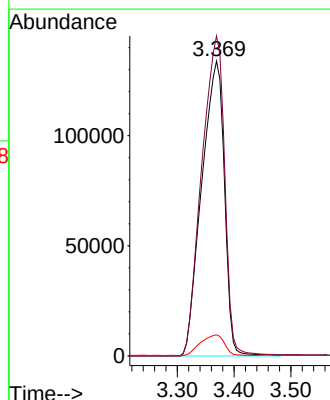
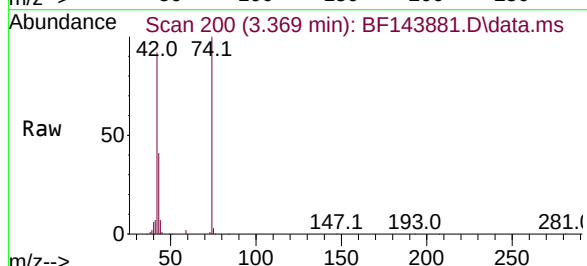
Tgt Ion: 42 Resp: 371223

Ion Ratio Lower Upper

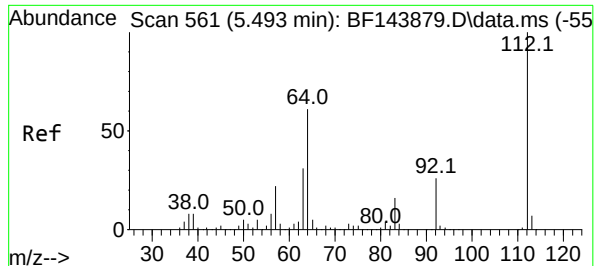
42 100

74 108.6 90.0 135.0

44 7.1 6.2 9.2



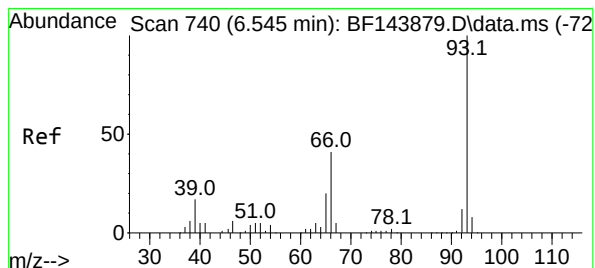
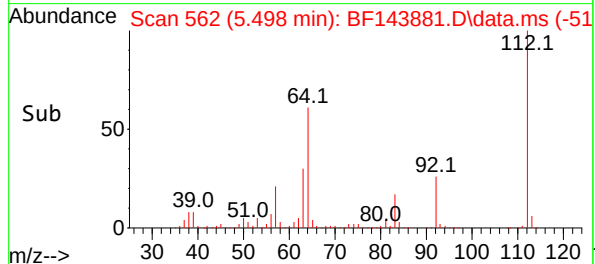
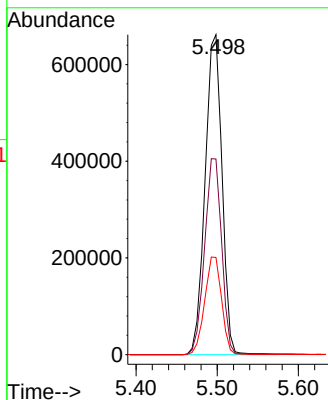
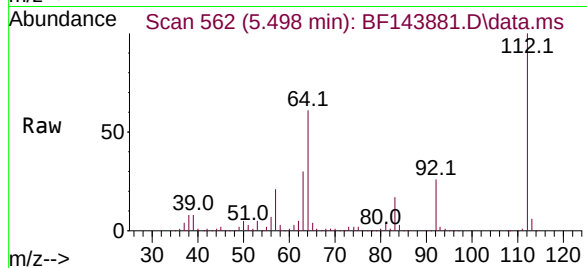




#5  
2-Fluorophenol  
Concen: 112.181 ng  
RT: 5.498 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

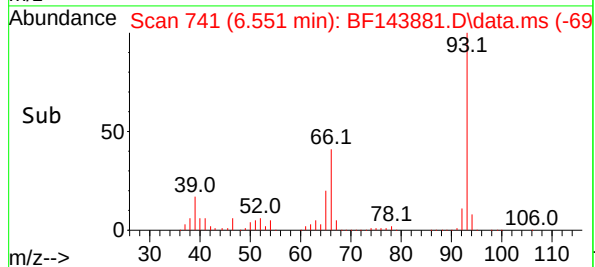
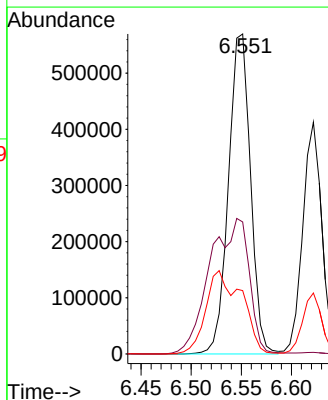
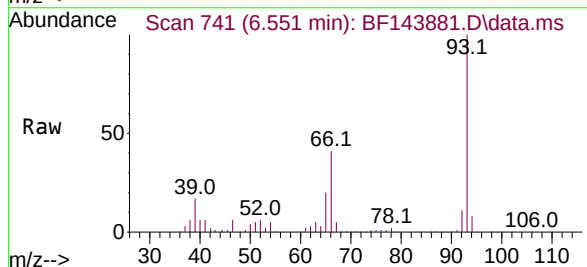
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ClientSampleId :  
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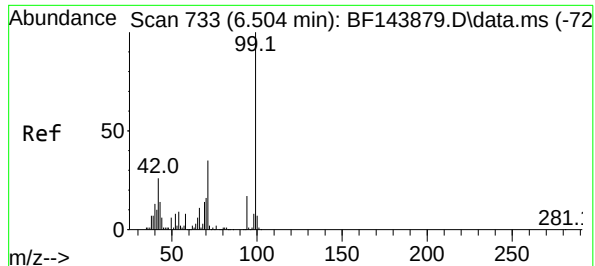
Tgt Ion:112 Resp: 961239  
Ion Ratio Lower Upper  
112 100  
64 61.1 49.1 73.7  
63 30.4 24.5 36.7



#6  
Aniline  
Concen: 56.909 ng  
RT: 6.551 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 93 Resp: 870980  
Ion Ratio Lower Upper  
93 100  
66 41.2 33.0 49.6  
65 19.8 15.8 23.8

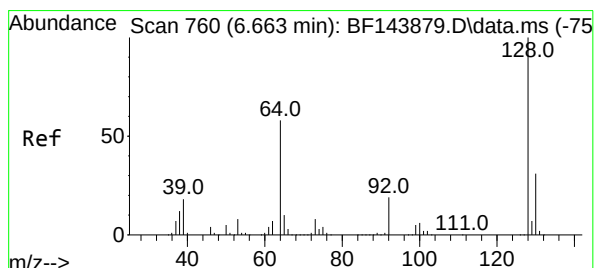
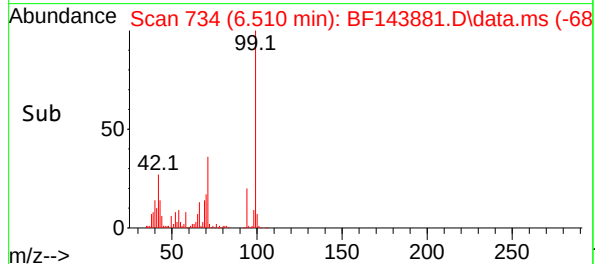
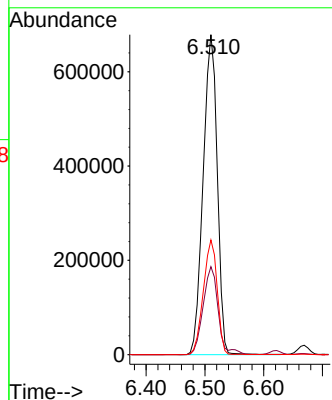
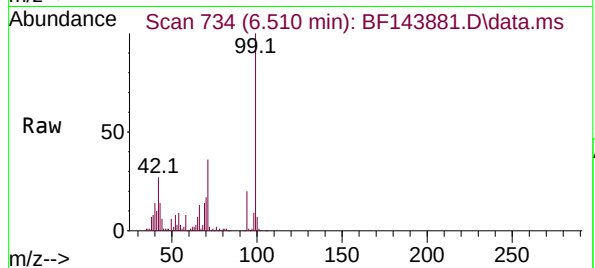




#7  
Phenol-d6  
Concen: 110.899 ng  
RT: 6.510 min Scan# 734  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

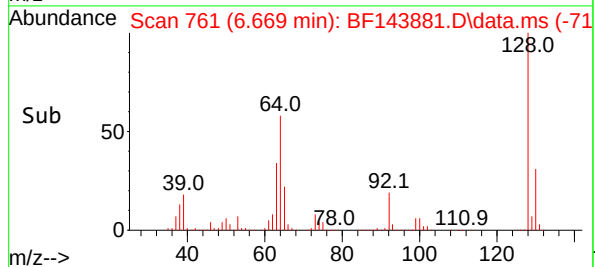
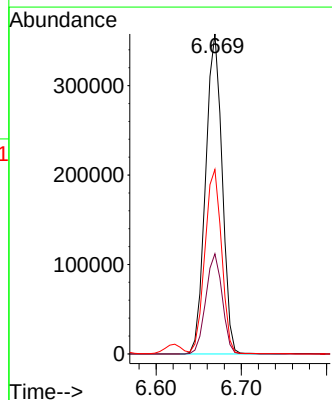
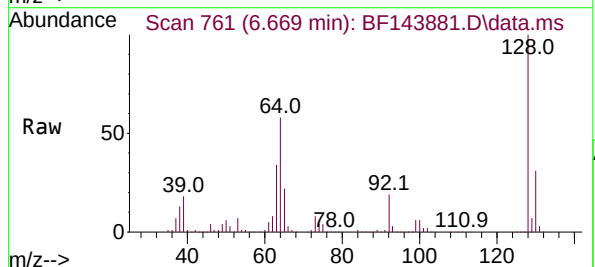
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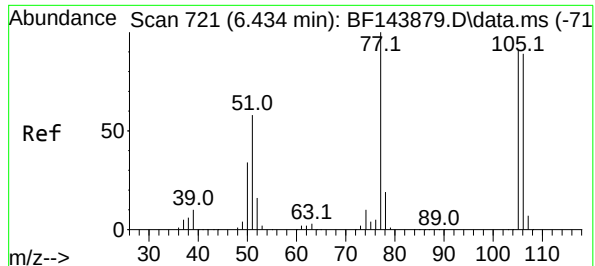
Tgt Ion: 99 Resp: 1132663  
Ion Ratio Lower Upper  
99 100  
42 27.5 21.0 31.4  
71 35.8 27.8 41.8



#8  
2-Chlorophenol  
Concen: 57.621 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:128 Resp: 482622  
Ion Ratio Lower Upper  
128 100  
130 31.3 10.7 50.7  
64 57.6 39.0 79.0





#9  
Benzaldehyde

Concen: 71.995 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

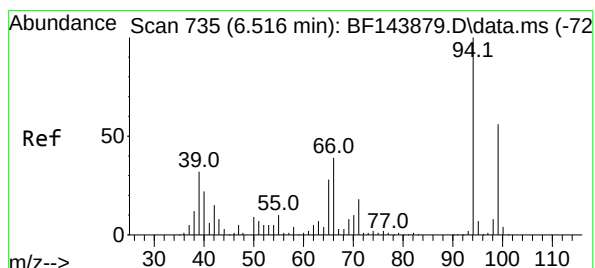
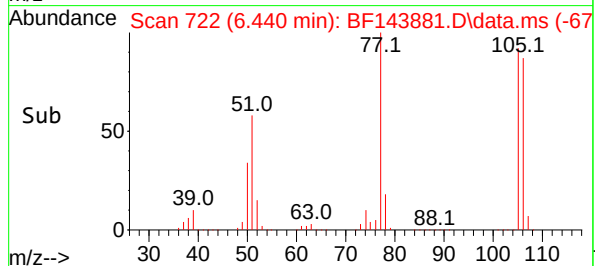
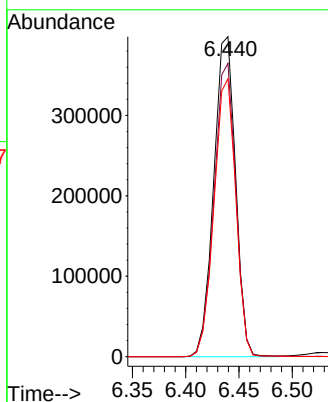
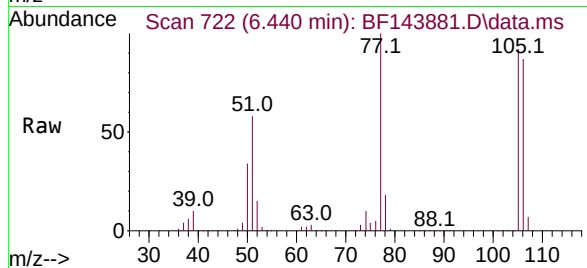
Tgt Ion: 77 Resp: 567228

Ion Ratio Lower Upper

77 100

105 91.6 70.9 110.9

106 86.8 68.9 108.9



#10

Phenol

Concen: 58.149 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

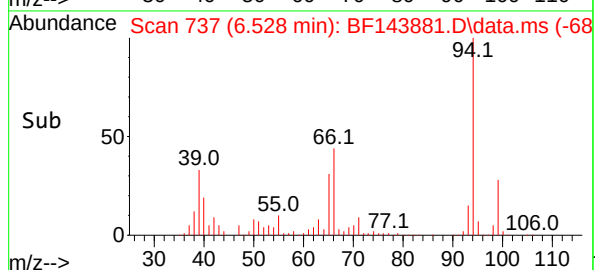
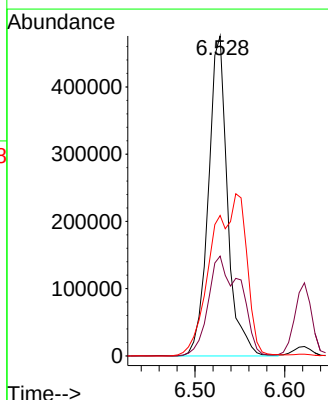
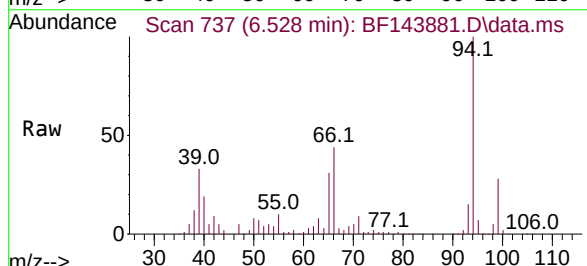
Tgt Ion: 94 Resp: 710019

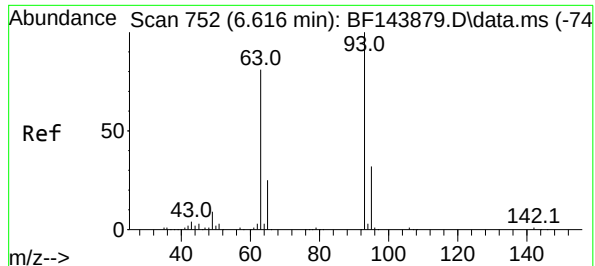
Ion Ratio Lower Upper

94 100

65 31.2 8.5 48.5

66 43.9 19.9 59.9

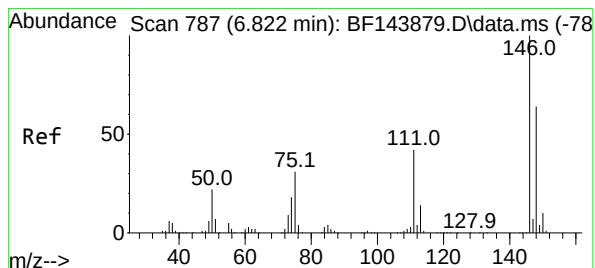
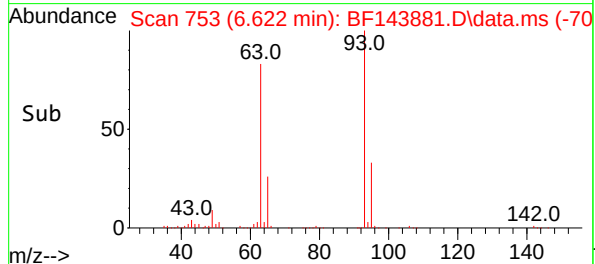
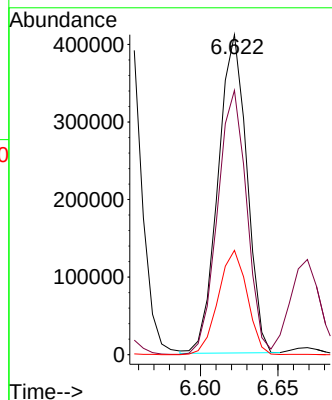
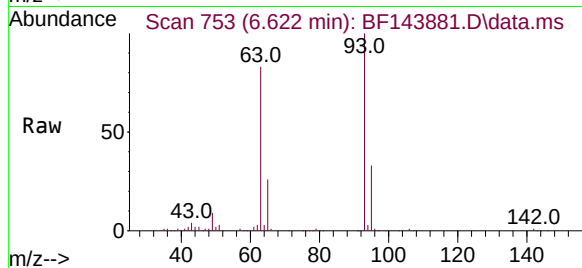




#11  
bis(2-Chloroethyl)ether  
Concen: 56.337 ng  
RT: 6.622 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

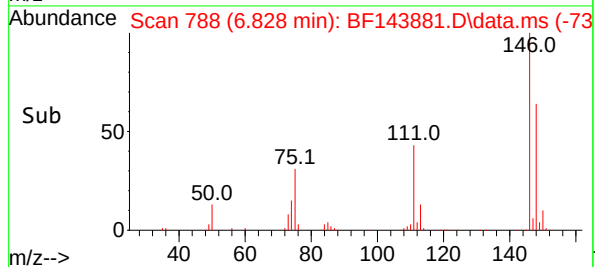
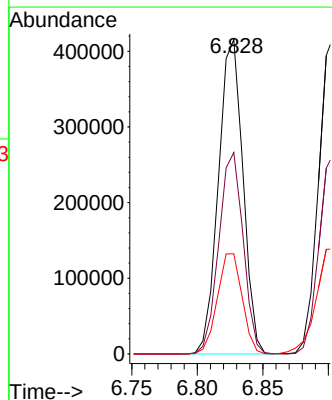
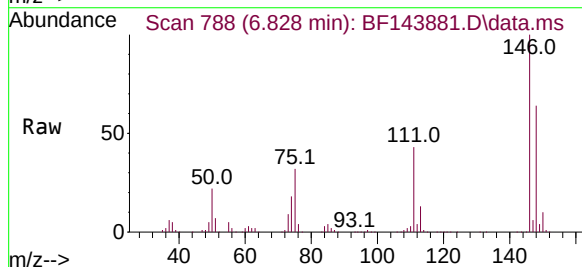
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

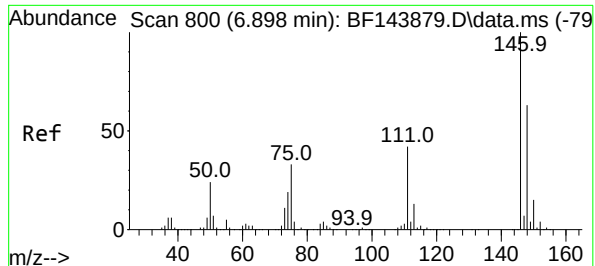
Tgt Ion: 93 Resp: 531386  
Ion Ratio Lower Upper  
93 100  
63 82.6 60.9 100.9  
95 32.6 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 54.041 ng  
RT: 6.828 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 146 Resp: 541823  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.0 76.4  
75 31.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 55.312 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

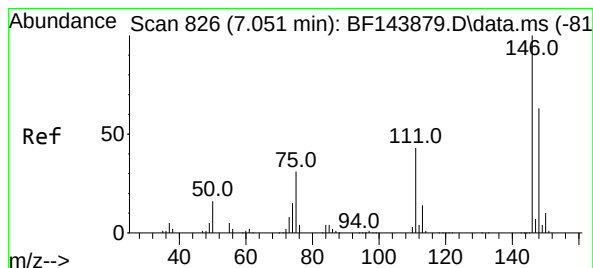
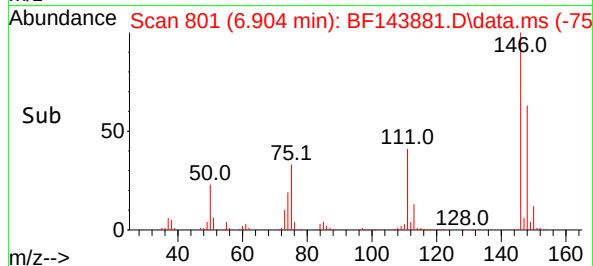
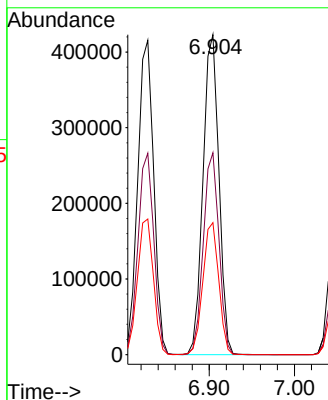
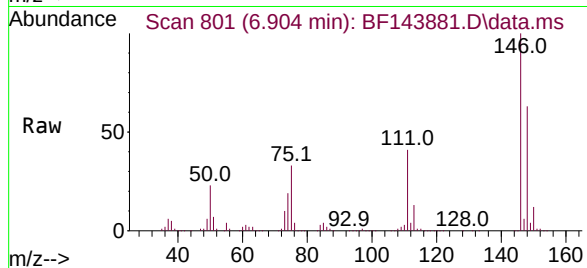
Tgt Ion:146 Resp: 547027

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 41.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 55.507 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

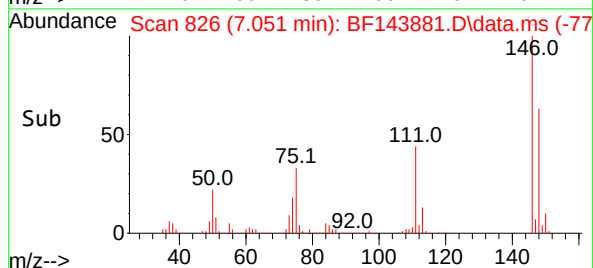
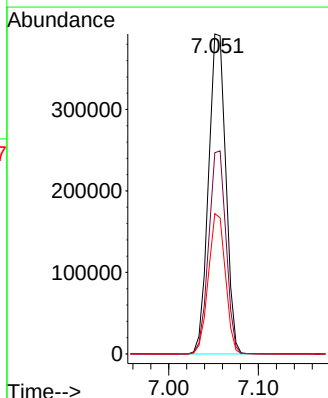
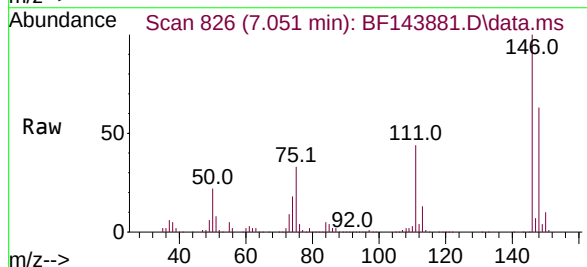
Tgt Ion:146 Resp: 525807

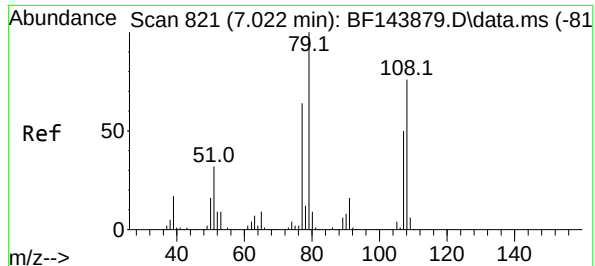
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 43.8 34.6 51.8

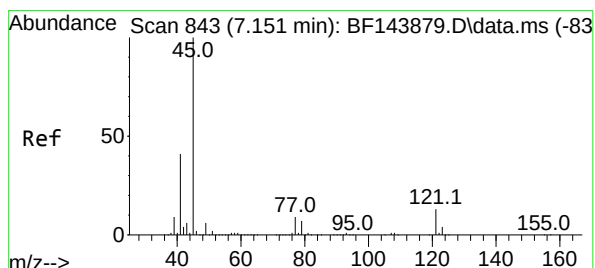
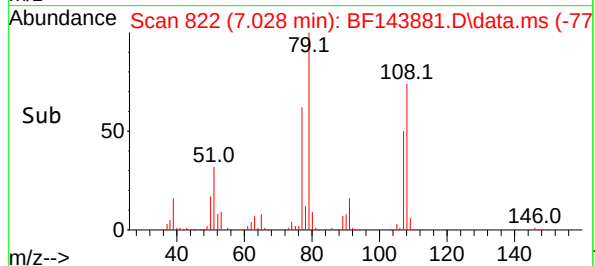
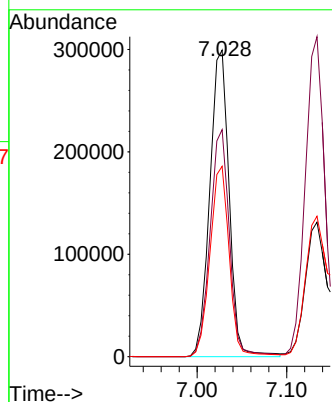
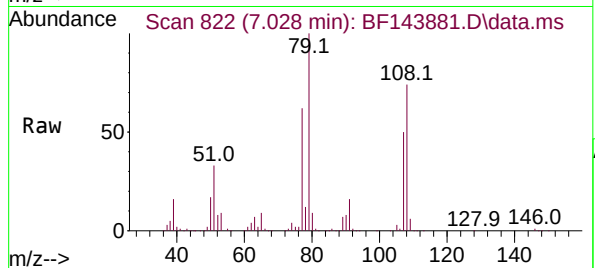




#15  
Benzyl Alcohol  
Concen: 58.880 ng  
RT: 7.028 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

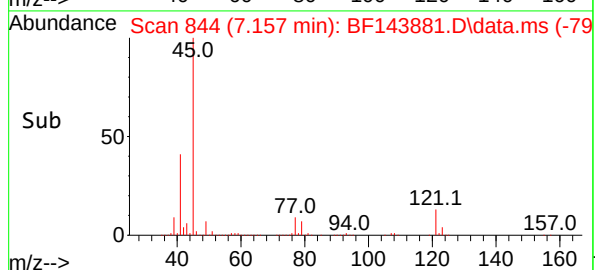
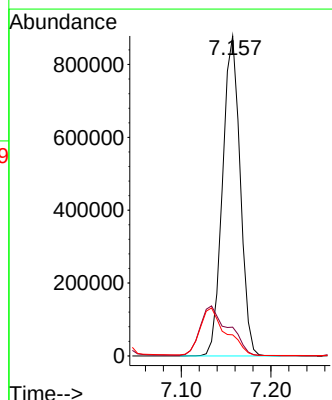
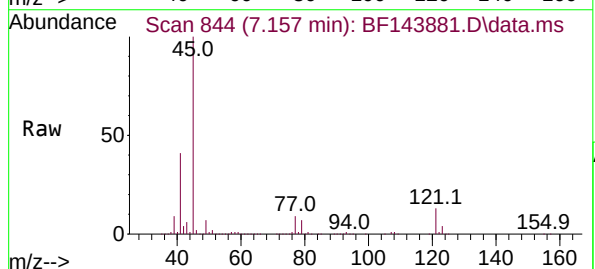
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

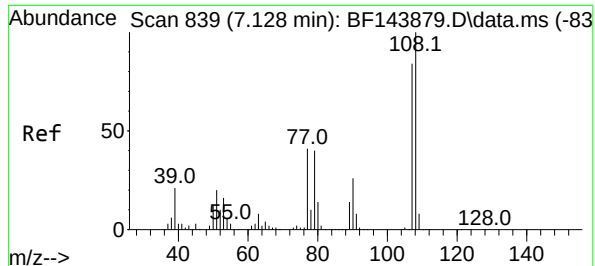
Tgt Ion: 79 Resp: 450578  
Ion Ratio Lower Upper  
79 100  
108 74.1 60.8 91.2  
77 62.1 51.0 76.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 56.002 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 45 Resp: 1202366  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 29.0  
79 6.6 0.0 26.8

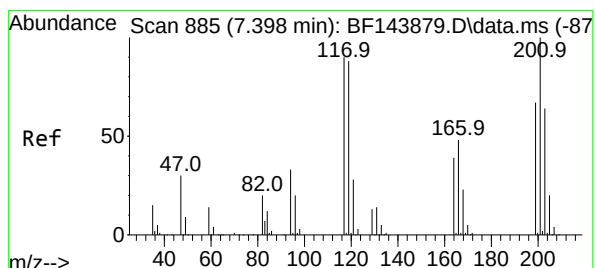
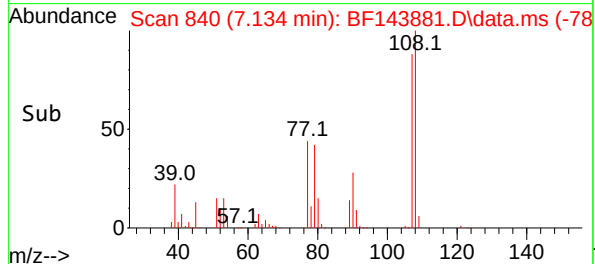
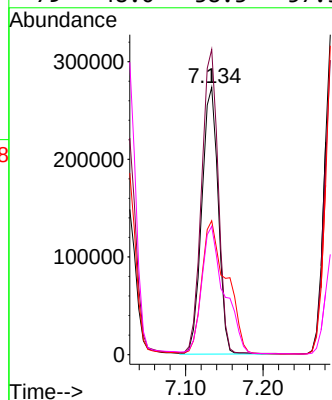
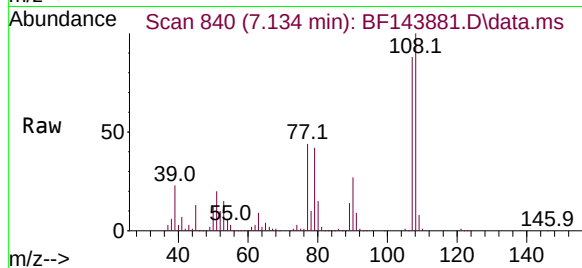




#17  
2-Methylphenol  
Concen: 58.170 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

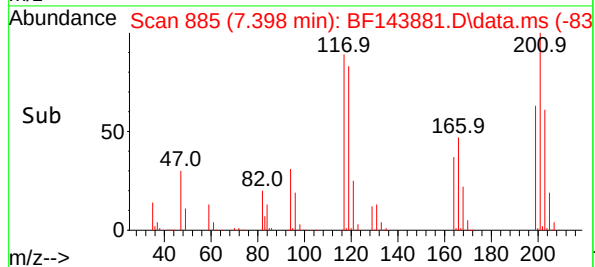
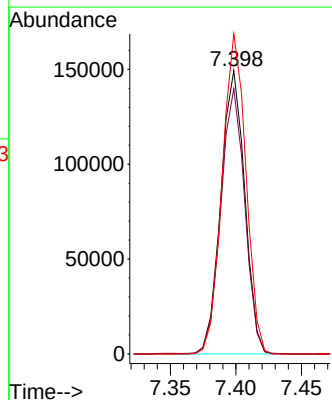
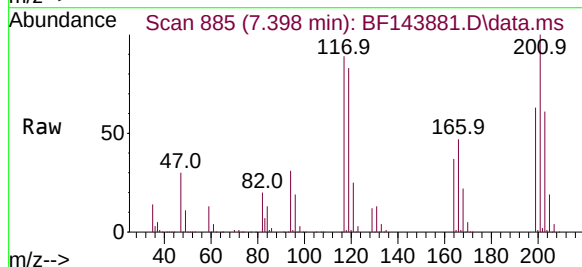
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

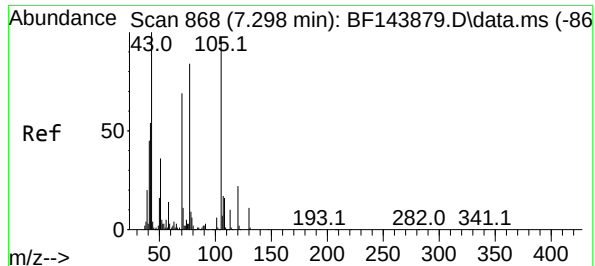
Tgt Ion:107 Resp: 402660  
Ion Ratio Lower Upper  
107 100  
108 114.2 94.7 142.1  
77 50.1 38.8 58.2  
79 48.0 38.3 57.5



#18  
Hexachloroethane  
Concen: 57.373 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:117 Resp: 189228  
Ion Ratio Lower Upper  
117 100  
119 93.6 77.8 116.8  
201 112.9 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 54.794 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF143881.D

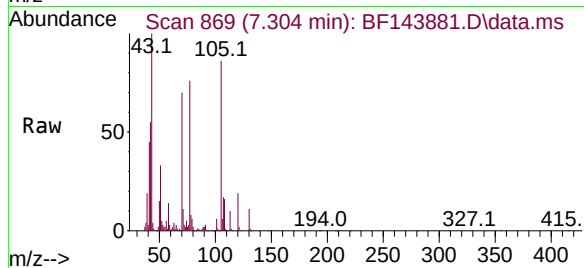
Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 383071

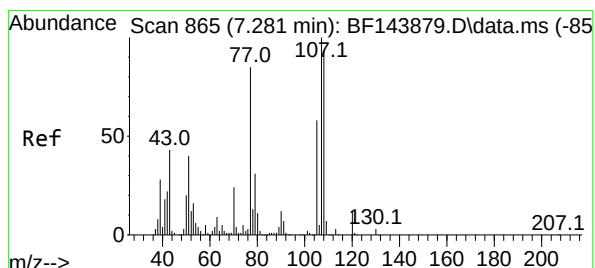
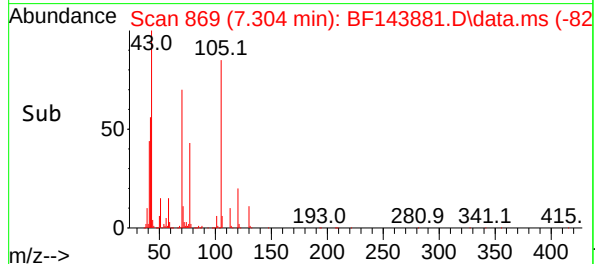
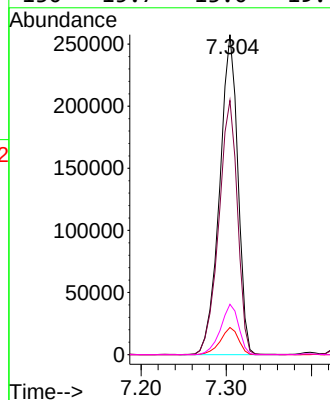
Ion Ratio Lower Upper

70 100

42 79.4 62.8 94.2

101 8.5 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 54.319 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 107 Resp: 435782

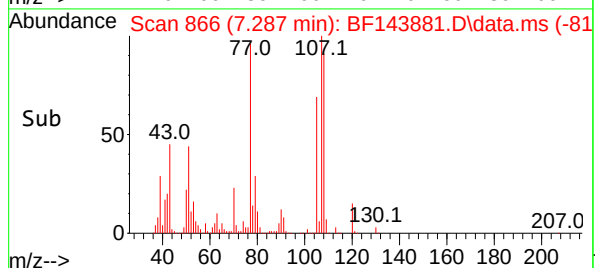
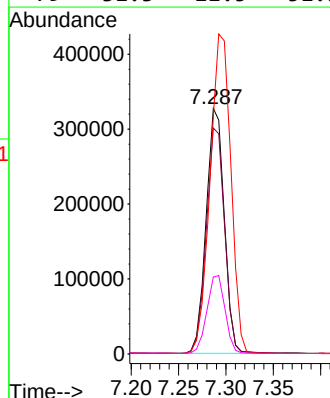
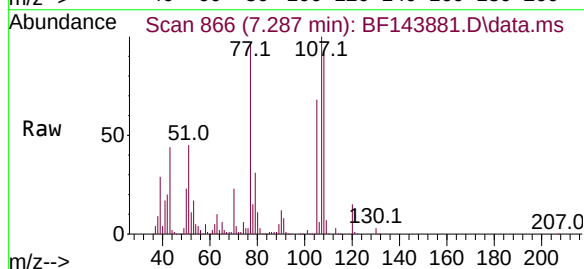
Ion Ratio Lower Upper

107 100

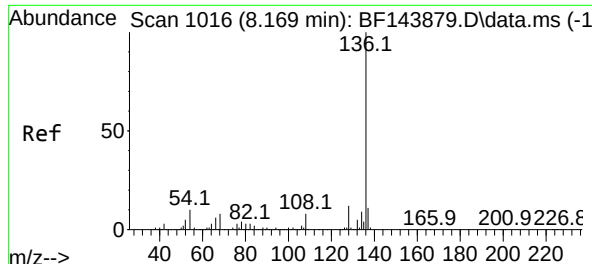
108 92.0 73.0 113.0

77 96.5 64.6 104.6

79 31.3 11.5 51.5







#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 524164

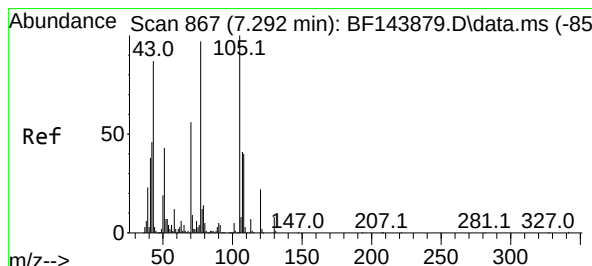
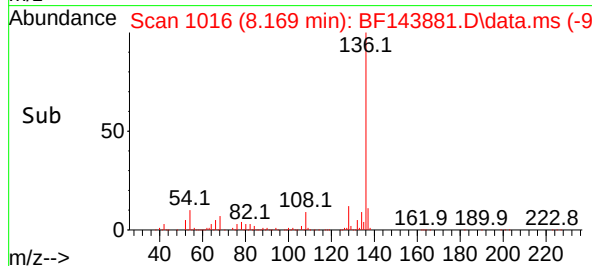
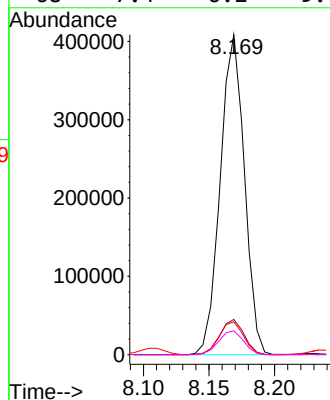
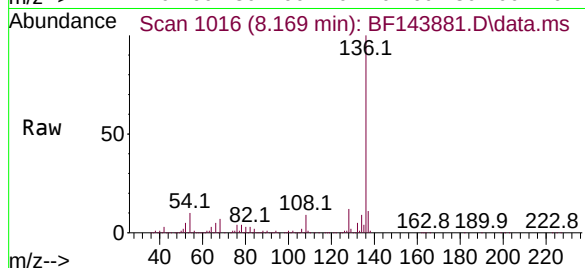
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.2 8.2 12.4

68 7.4 6.2 9.4



#22

Acetophenone

Concen: 53.189 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:105 Resp: 589502

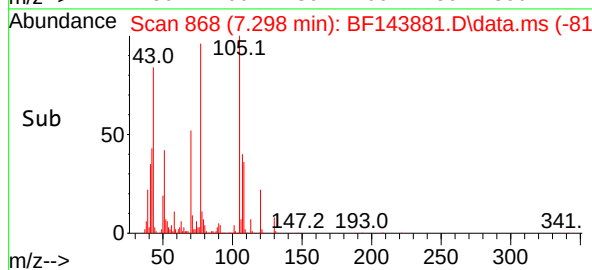
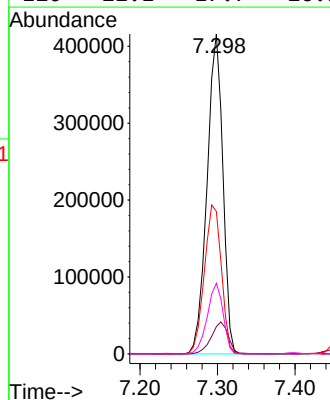
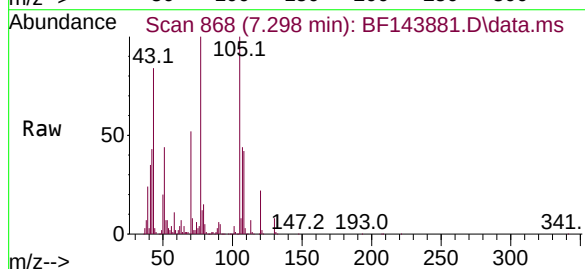
Ion Ratio Lower Upper

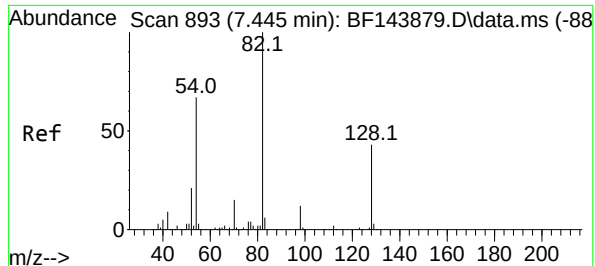
105 100

71 8.5 7.4 11.0

51 44.5 34.2 51.4

120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 118.430 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

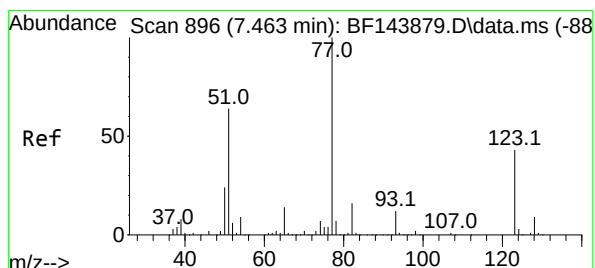
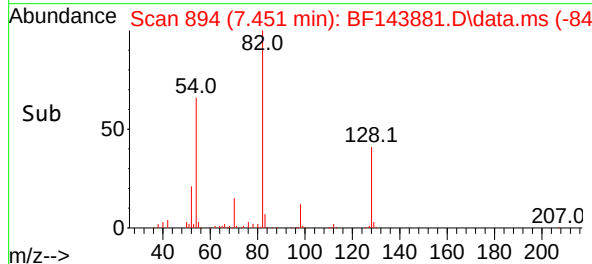
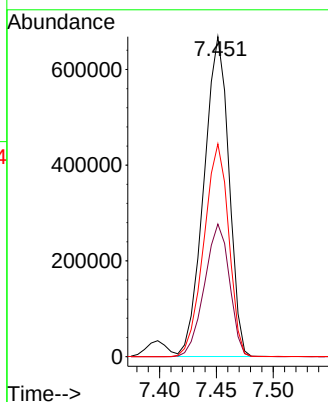
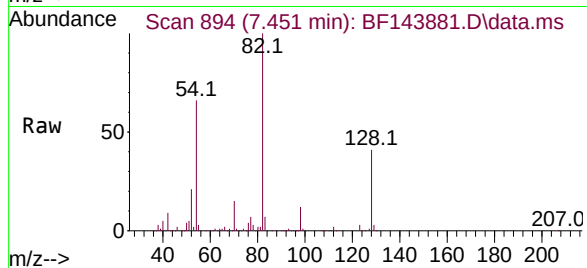
BNA\_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1021762

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.4  | 34.0  | 51.0  |
| 54  | 66.5  | 53.2  | 79.8  |



#24

Nitrobenzene

Concen: 59.969 ng

RT: 7.469 min Scan# 897

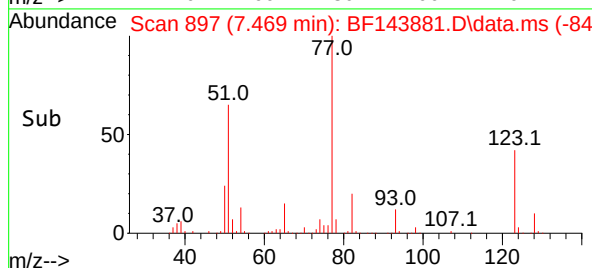
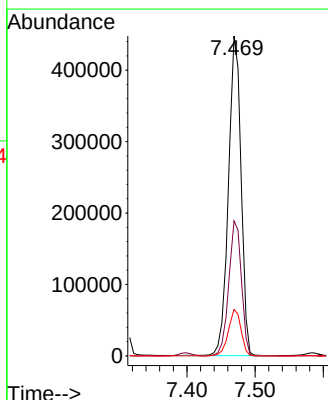
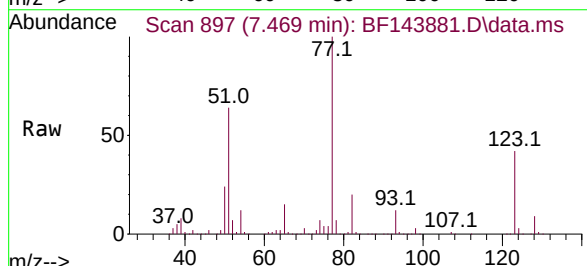
Delta R.T. -0.006 min

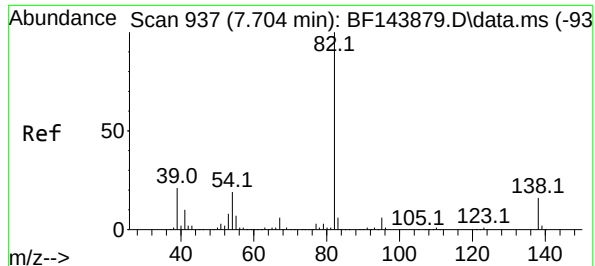
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 77 Resp: 574563

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 42.2  | 34.2  | 51.4  |
| 65  | 14.5  | 11.0  | 16.6  |

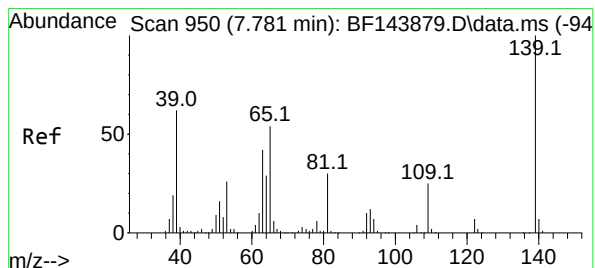
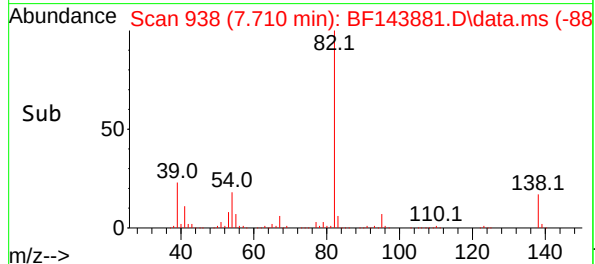
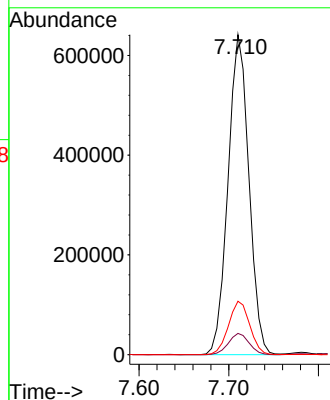
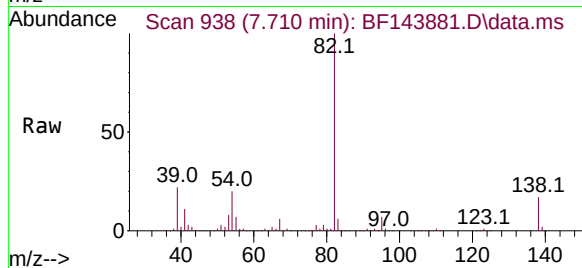




#25  
Isophorone  
Concen: 57.290 ng  
RT: 7.710 min Scan# 937  
Delta R.T. -0.012 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

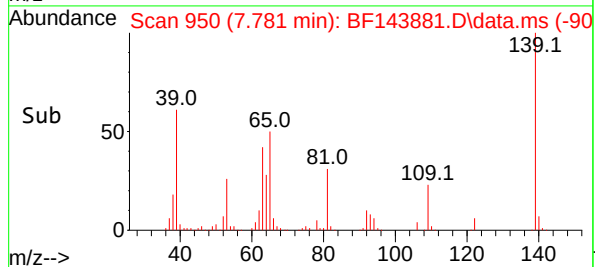
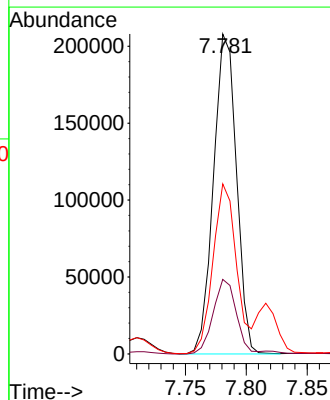
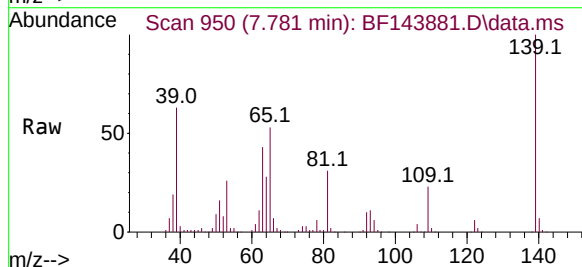
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

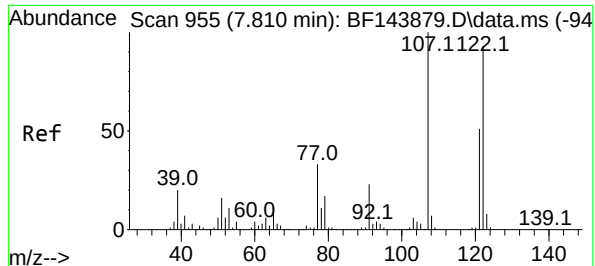
Tgt Ion: 82 Resp: 1042198  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 16.7 12.9 19.3



#26  
2-Nitrophenol  
Concen: 66.327 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 139 Resp: 272450  
Ion Ratio Lower Upper  
139 100  
109 23.3 19.8 29.6  
65 53.1 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 59.187 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

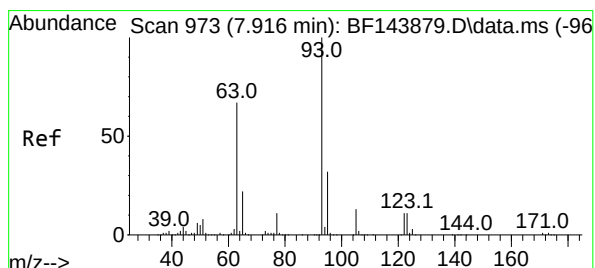
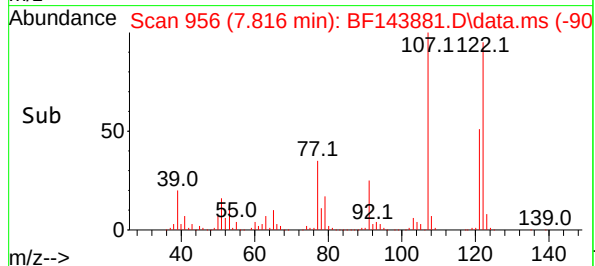
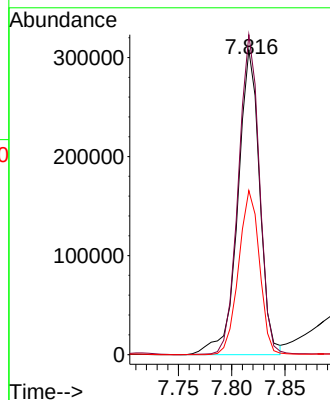
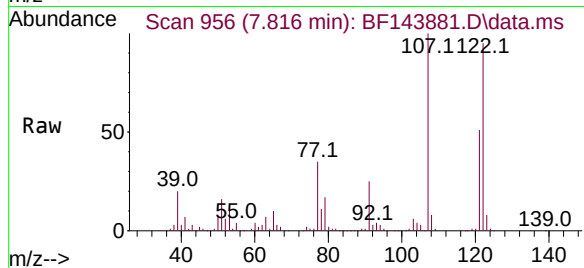
Tgt Ion:122 Resp: 437344

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

121 53.8 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 54.917 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

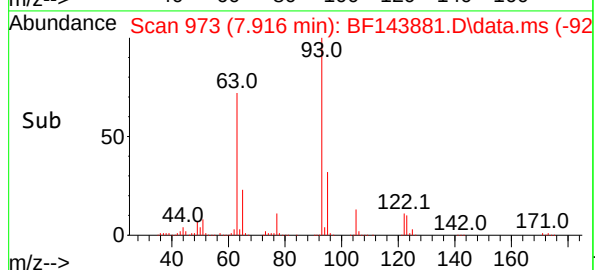
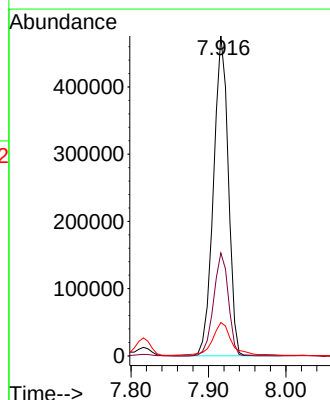
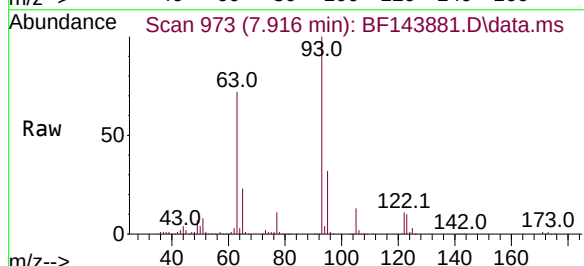
Tgt Ion: 93 Resp: 631066

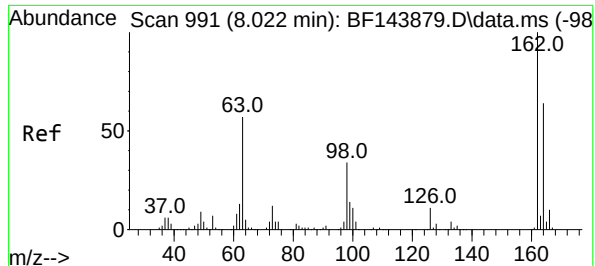
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 10.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.524 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

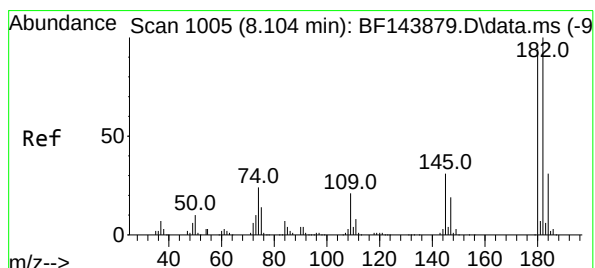
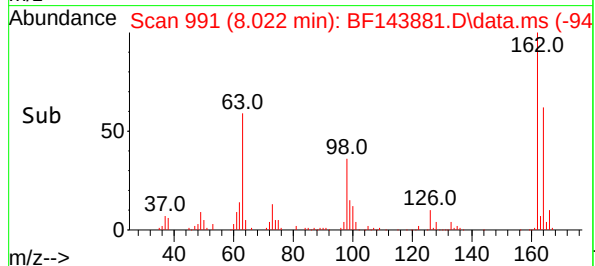
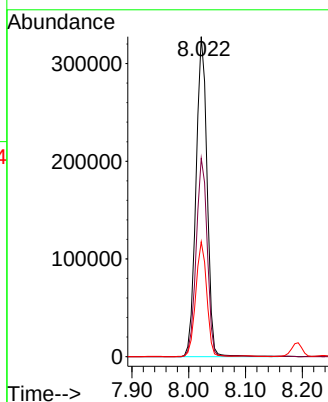
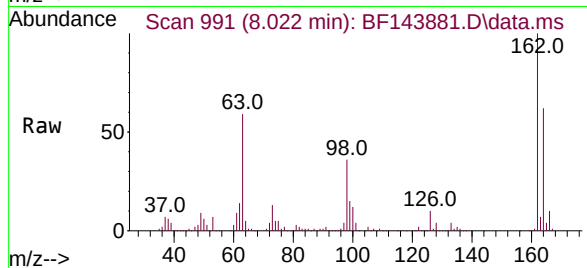
Tgt Ion:162 Resp: 442749

Ion Ratio Lower Upper

162 100

164 62.0 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 56.555 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

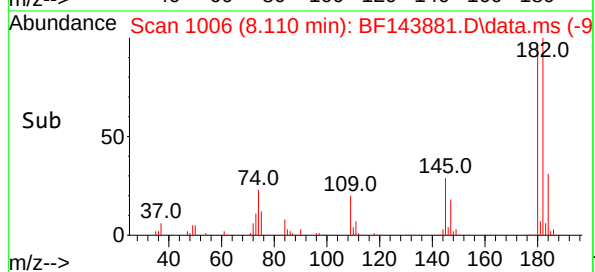
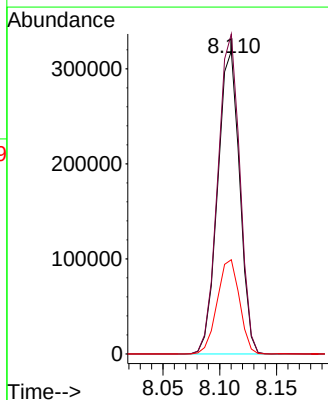
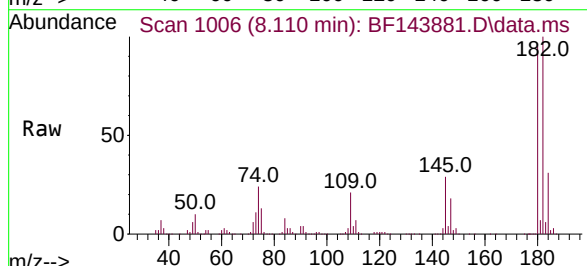
Tgt Ion:180 Resp: 428102

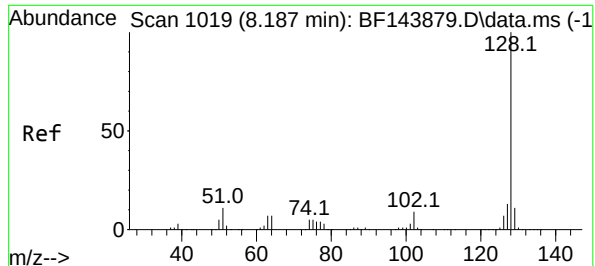
Ion Ratio Lower Upper

180 100

182 105.7 85.4 128.0

145 31.1 26.3 39.5

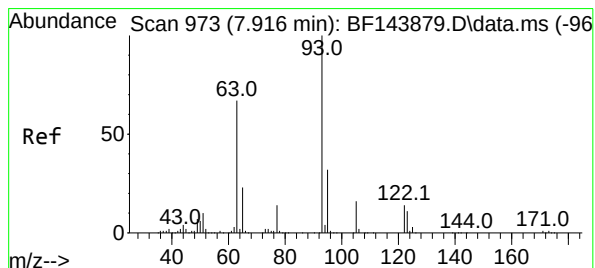
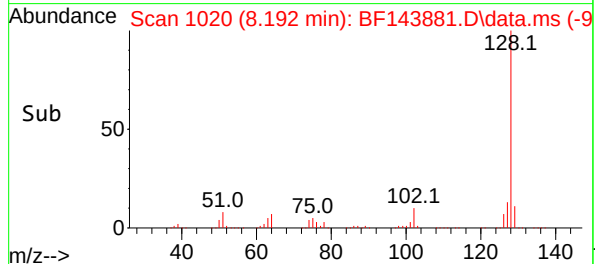
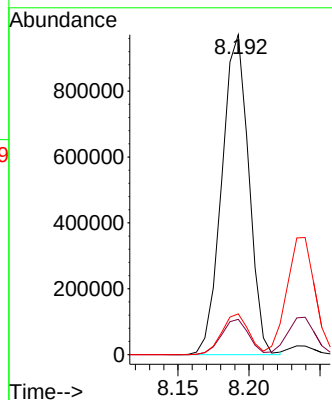
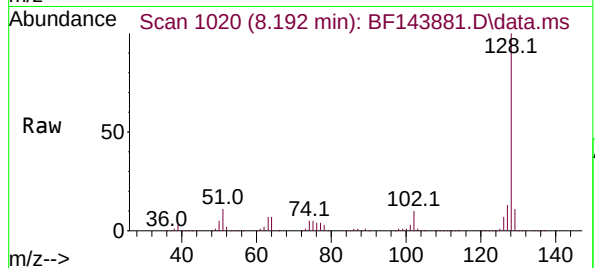




#31  
Naphthalene  
Concen: 53.874 ng  
RT: 8.192 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

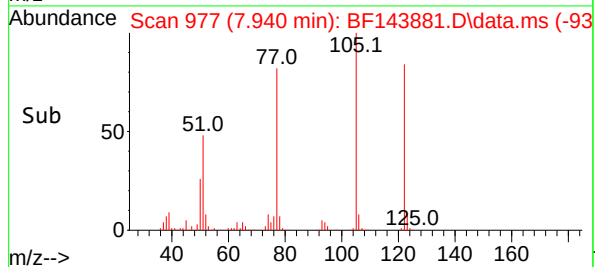
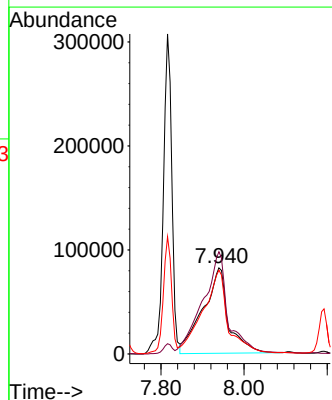
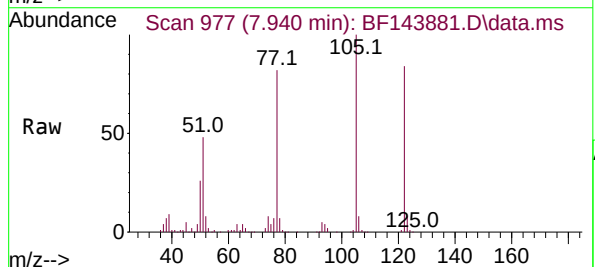
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

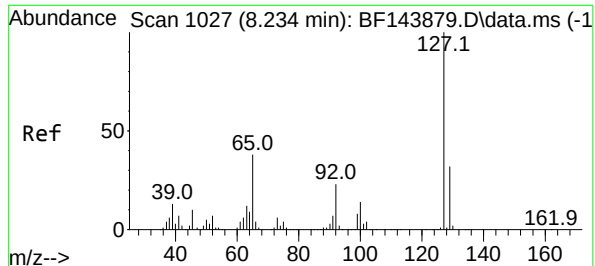
Tgt Ion:128 Resp: 1284573  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 12.7 10.0 15.0



#32  
Benzoic acid  
Concen: 68.237 ng  
RT: 7.940 min Scan# 977  
Delta R.T. -0.023 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:122 Resp: 348955  
Ion Ratio Lower Upper  
122 100  
105 118.8 93.5 133.5  
77 97.3 76.3 116.3

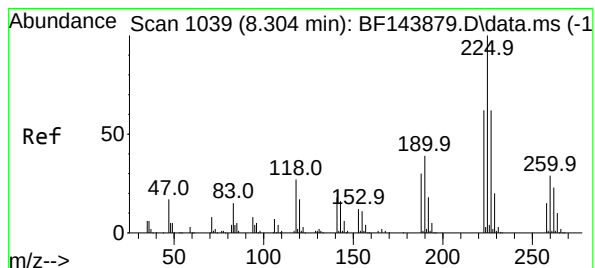
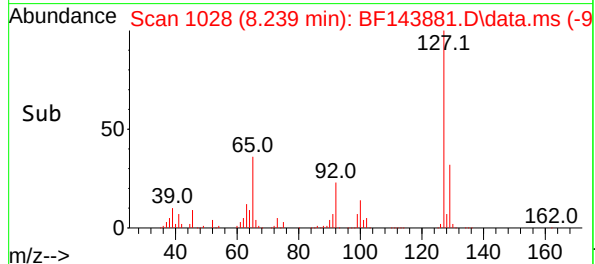
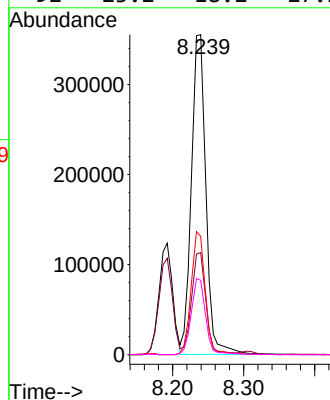
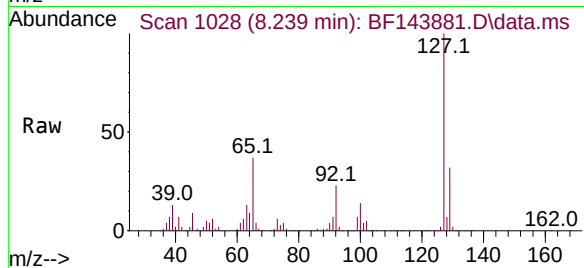




#33  
4-Chloroaniline  
Concen: 56.451 ng  
RT: 8.239 min Scan# 1028  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

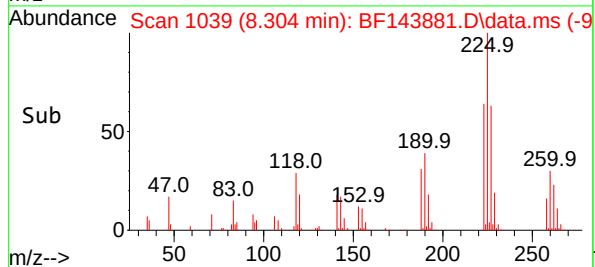
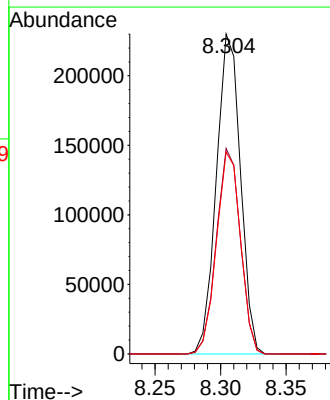
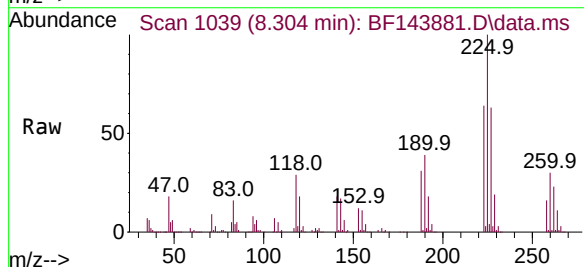
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

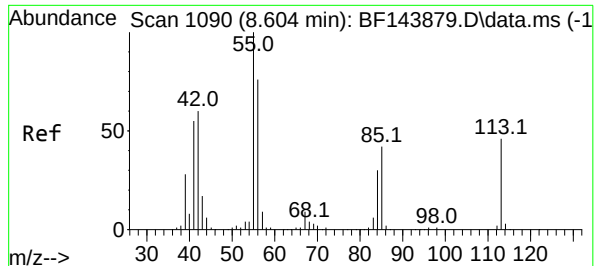
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 504823 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.9  | 25.8  | 38.8   |
| 65        | 36.9  | 30.0  | 45.0   |
| 92        | 23.2  | 18.2  | 27.2   |



#34  
Hexachlorobutadiene  
Concen: 55.989 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 294507 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 64.2  | 49.4  | 74.2   |
| 227       | 63.1  | 49.7  | 74.5   |

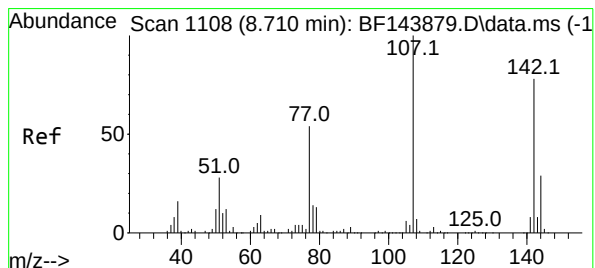
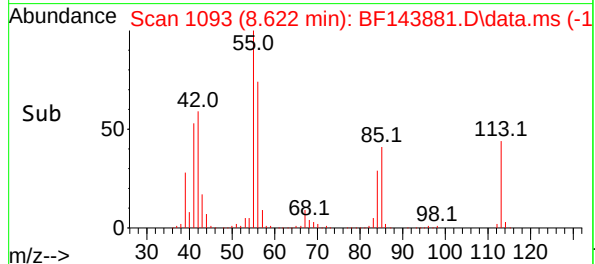
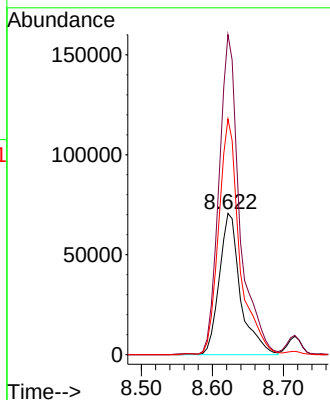
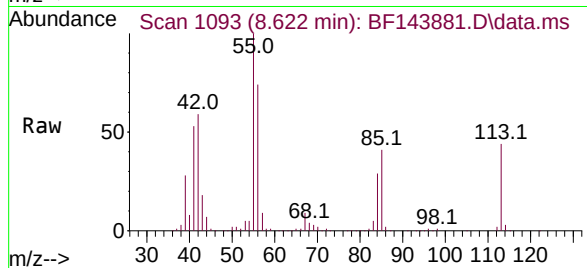




#35  
Caprolactam  
Concen: 60.055 ng  
RT: 8.622 min Scan# 1093  
Delta R.T. -0.023 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

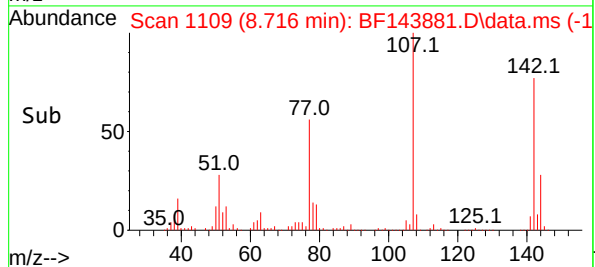
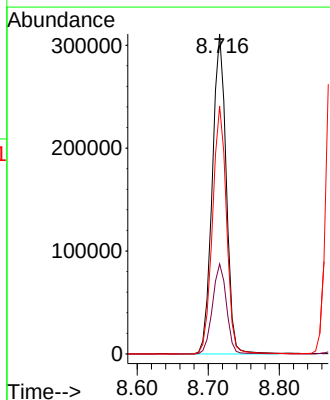
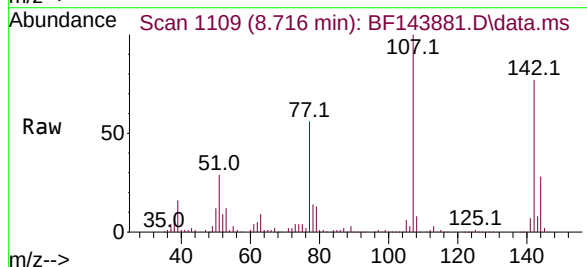
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:113 Resp: 146970  
Ion Ratio Lower Upper  
113 100  
55 226.6 199.6 239.6  
56 166.8 146.0 186.0

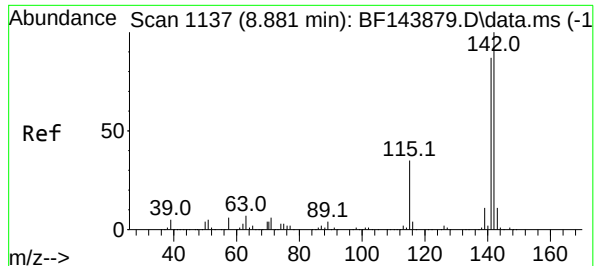


#36  
4-Chloro-3-methylphenol  
Concen: 57.336 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:107 Resp: 423904  
Ion Ratio Lower Upper  
107 100  
144 28.1 23.1 34.7  
142 77.4 62.6 94.0







#37

2-Methylnaphthalene

Concen: 52.814 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

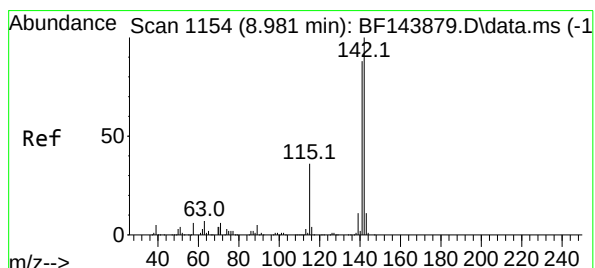
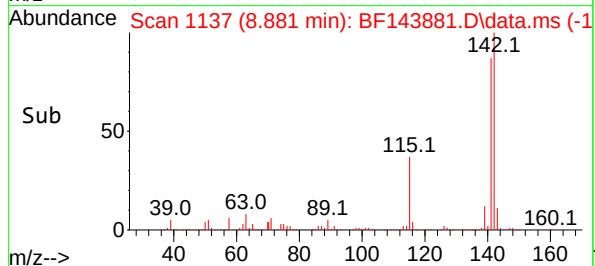
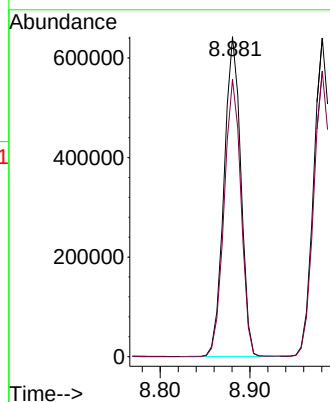
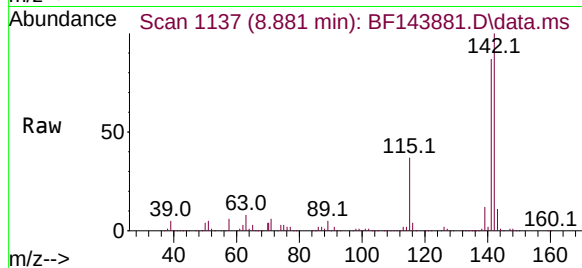
SSTDICC060

Tgt Ion:142 Resp: 838837

Ion Ratio Lower Upper

142 100

141 86.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 53.405 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143881.D

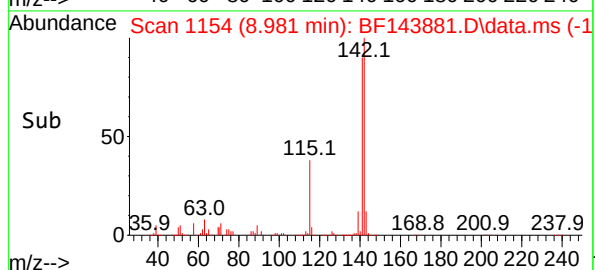
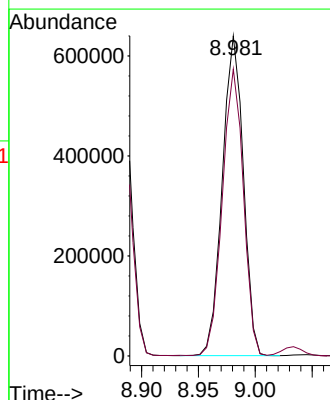
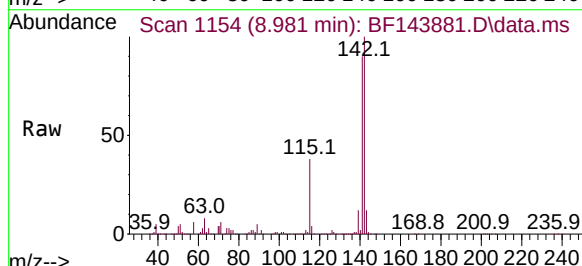
Acq: 06 Oct 2025 13:53

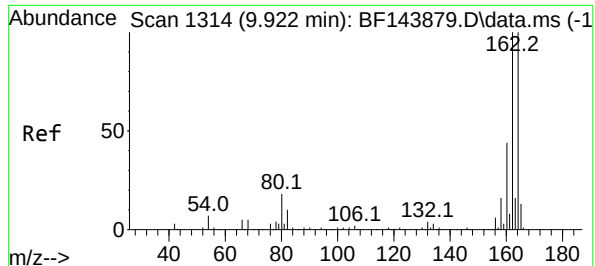
Tgt Ion:142 Resp: 822755

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

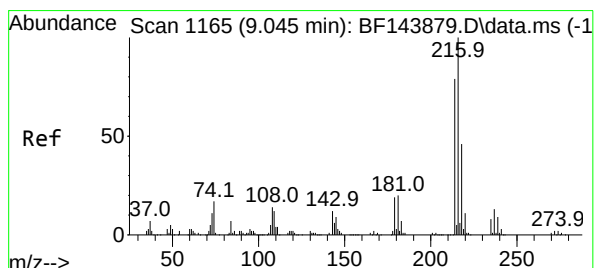
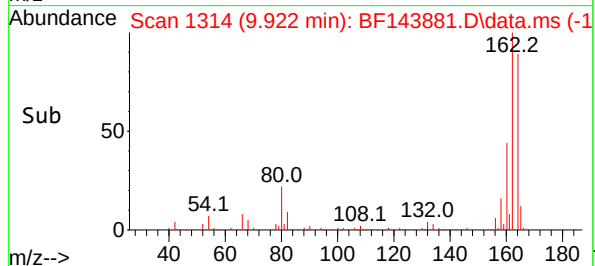
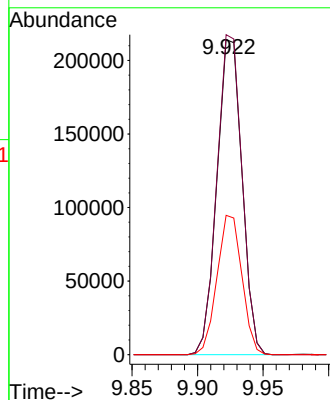
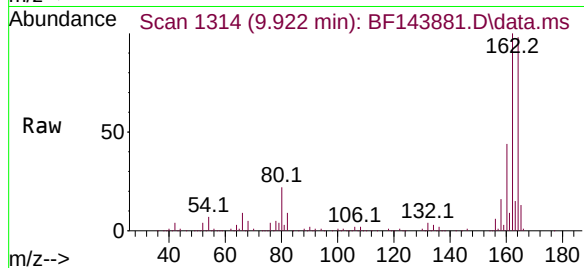
Tgt Ion:164 Resp: 286024

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.382 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:216 Resp: 445714

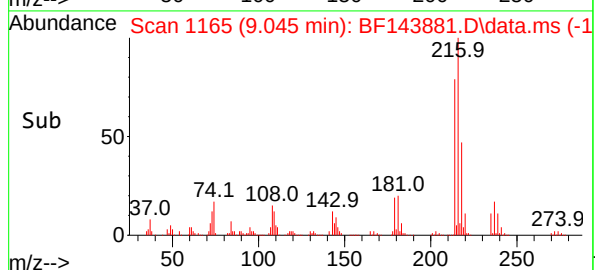
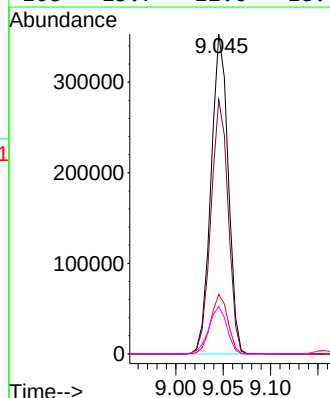
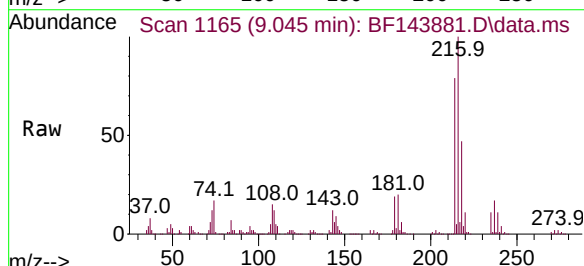
Ion Ratio Lower Upper

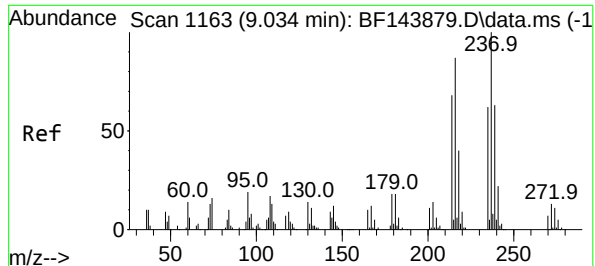
216 100

214 79.6 62.6 94.0

179 18.5 15.4 23.0

108 15.7 12.0 18.0

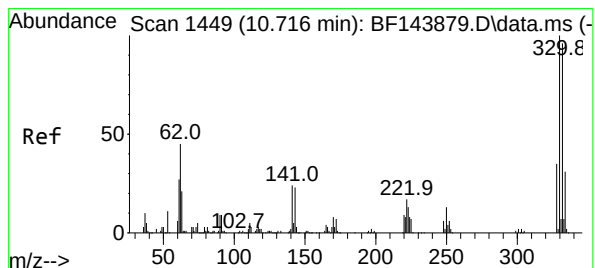
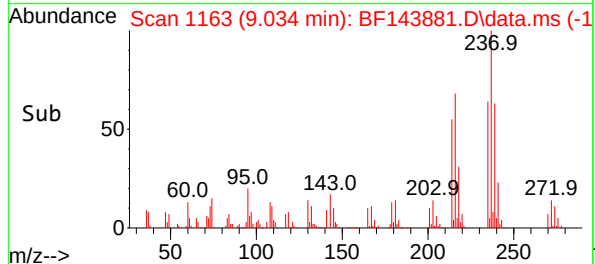
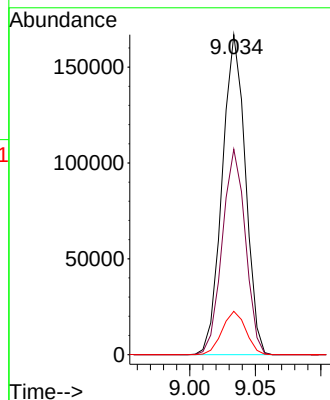
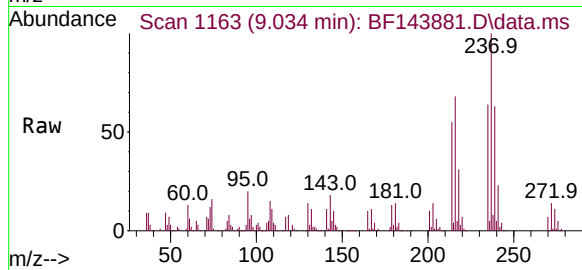




#41  
Hexachlorocyclopentadiene  
Concen: 62.806 ng  
RT: 9.034 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

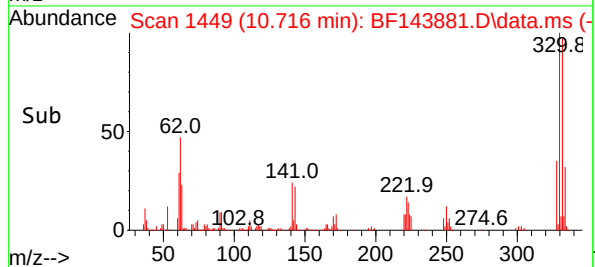
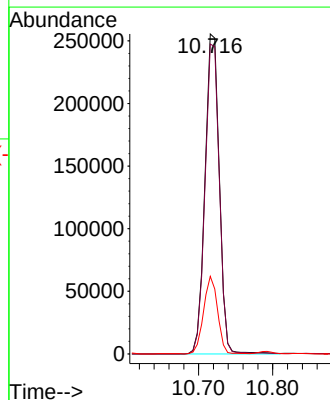
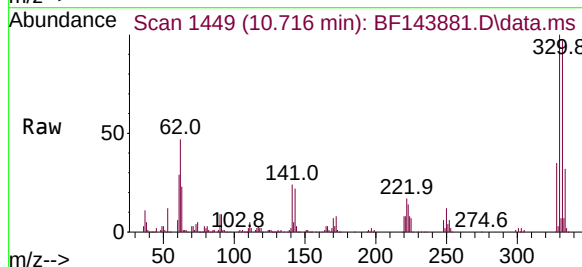
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BNA\_F  
ClientSampleId :  
SSTDICC060

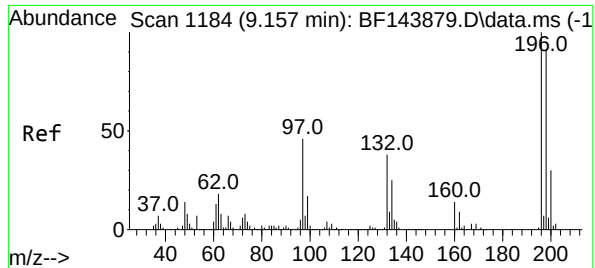
Tgt Ion: 237 Resp: 205978  
Ion Ratio Lower Upper  
237 100  
235 64.2 42.3 82.3  
272 13.5 0.0 33.1



#42  
2,4,6-Tribromophenol  
Concen: 120.554 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion: 330 Resp: 343442  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.9 115.3  
141 23.7 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 58.657 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

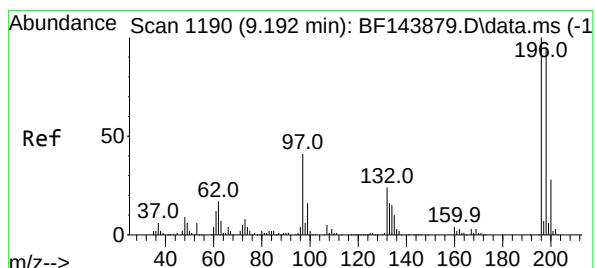
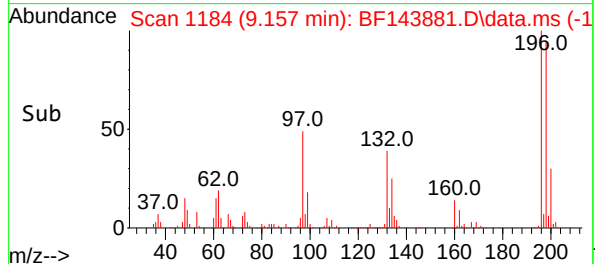
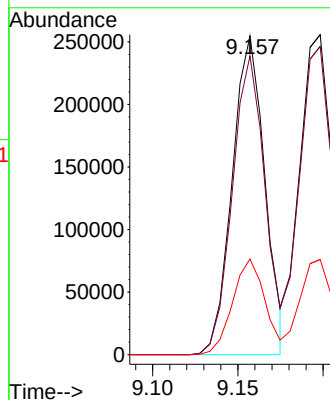
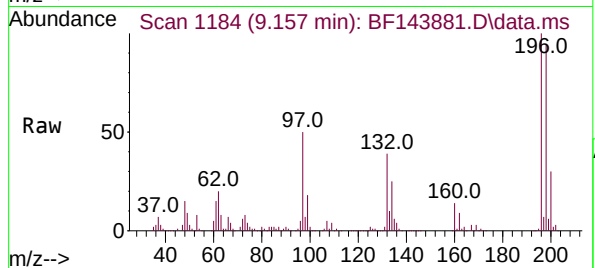
Tgt Ion:196 Resp: 338809

Ion Ratio Lower Upper

196 100

198 93.7 72.8 109.2

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 56.620 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:196 Resp: 345605

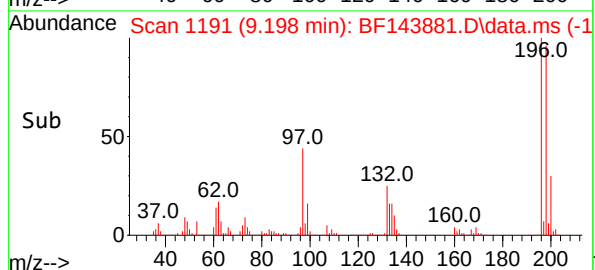
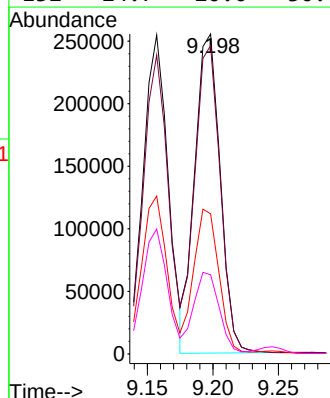
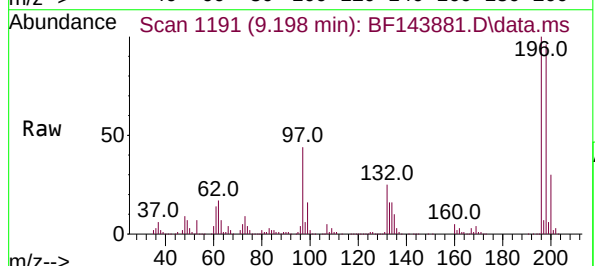
Ion Ratio Lower Upper

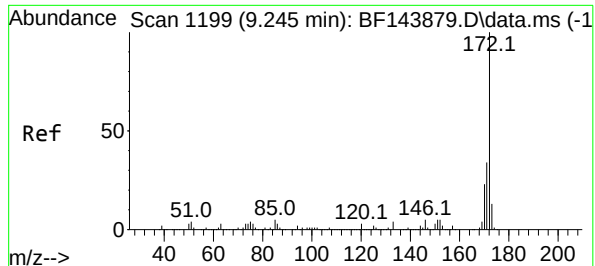
196 100

198 96.3 75.5 113.3

97 43.8 33.9 50.9

132 24.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 97.871 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

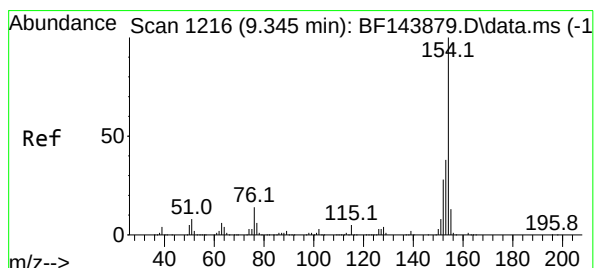
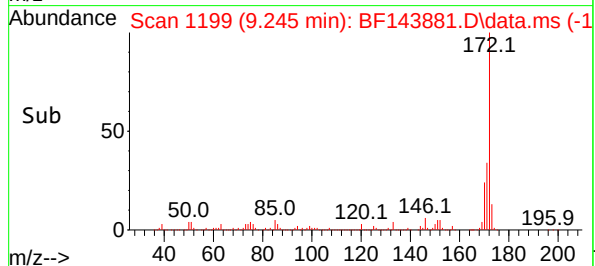
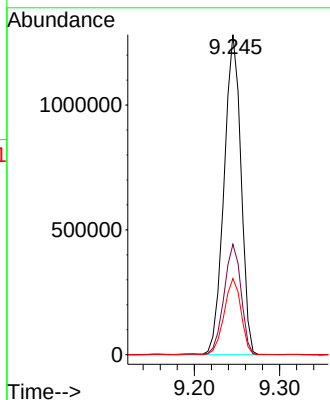
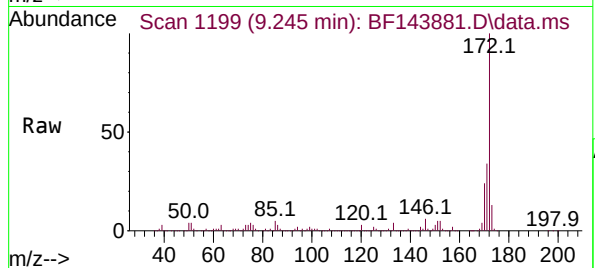
Tgt Ion:172 Resp: 1764203

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 53.040 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

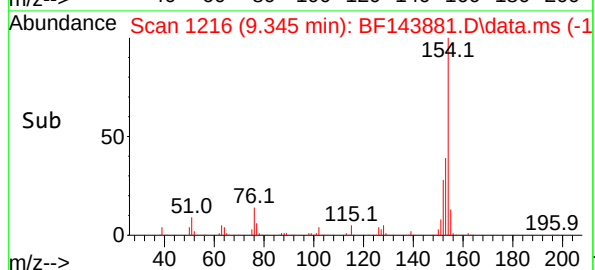
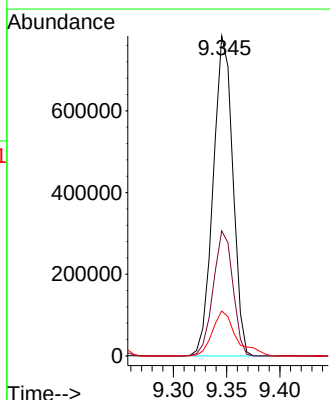
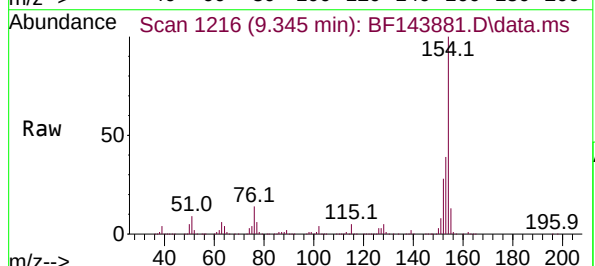
Tgt Ion:154 Resp: 1004440

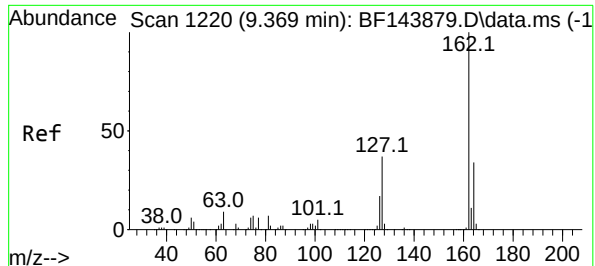
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 54.531 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

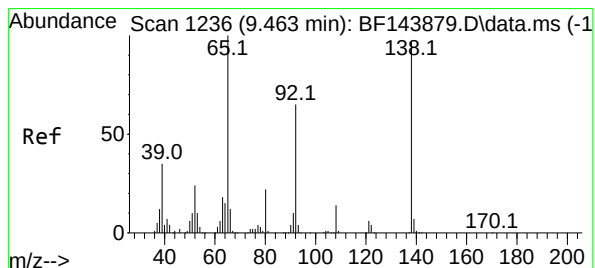
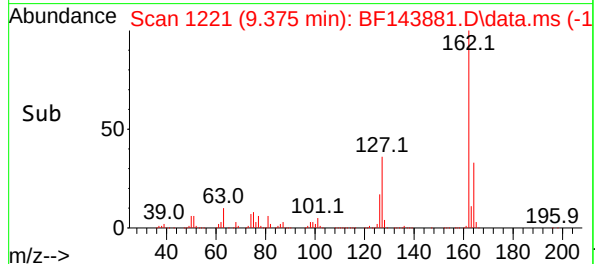
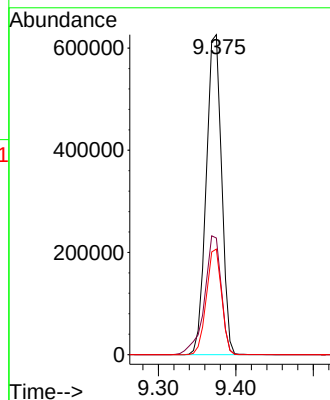
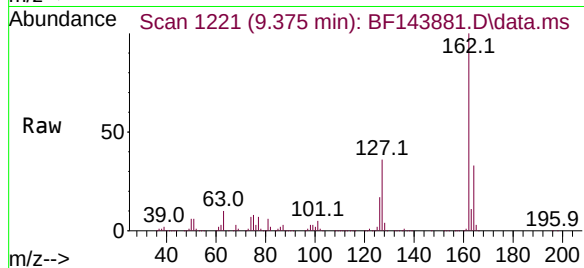
Tgt Ion:162 Resp: 860999

Ion Ratio Lower Upper

162 100

127 36.4 30.2 45.2

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 62.679 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

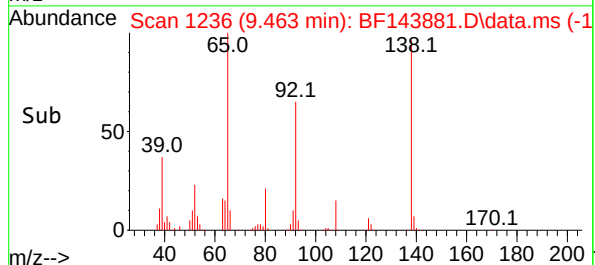
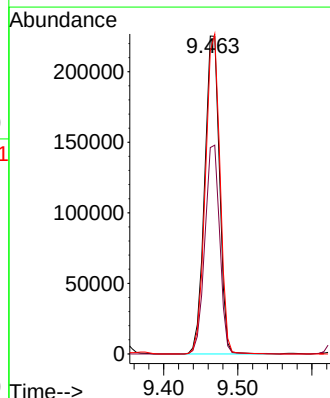
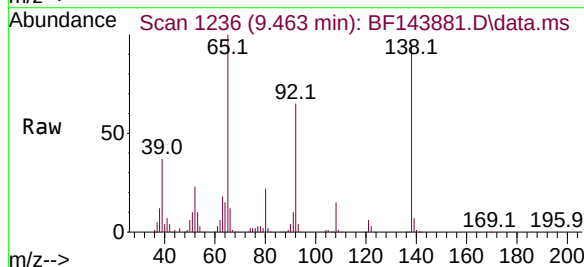
Tgt Ion: 65 Resp: 312884

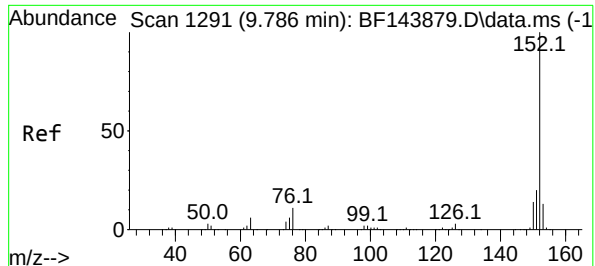
Ion Ratio Lower Upper

65 100

92 64.9 52.1 78.1

138 95.3 77.4 116.2





#49

Acenaphthylene

Concen: 55.140 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

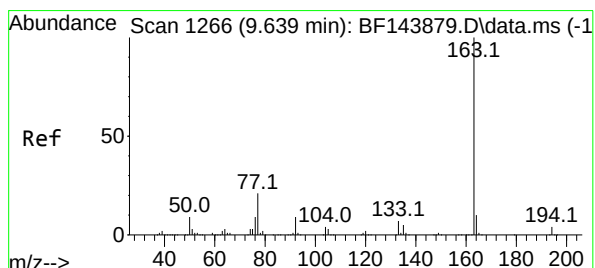
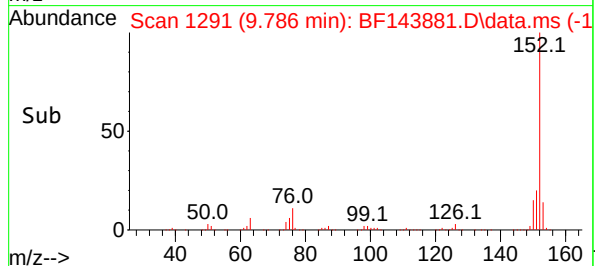
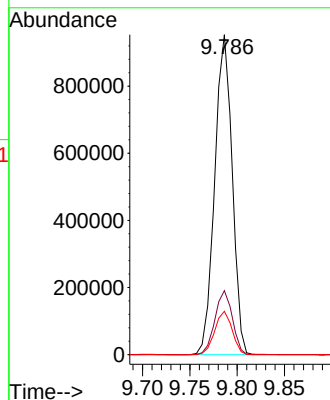
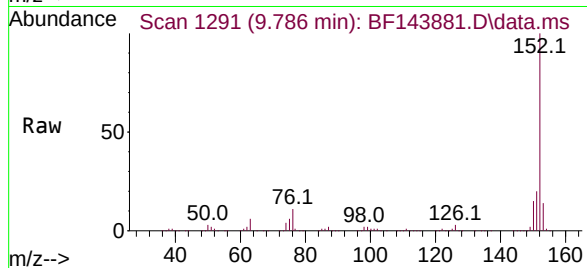
Tgt Ion:152 Resp: 1223951

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 56.783 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

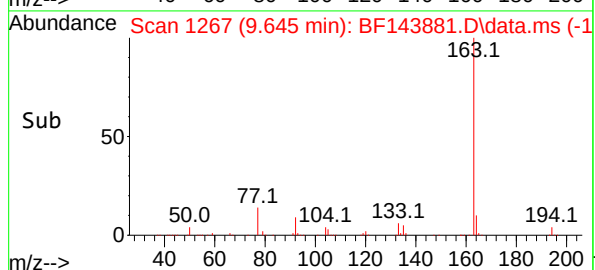
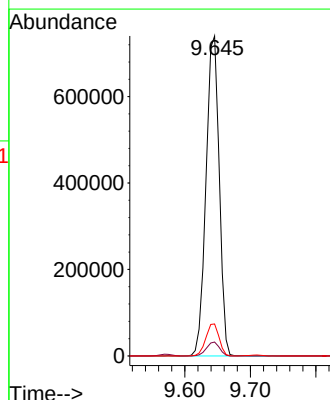
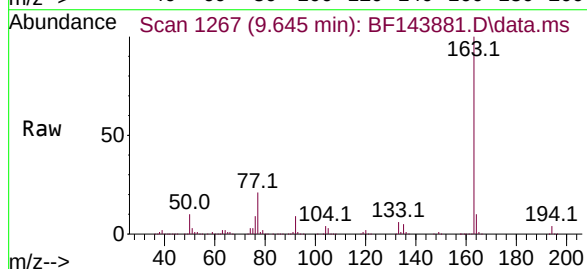
Tgt Ion:163 Resp: 1031391

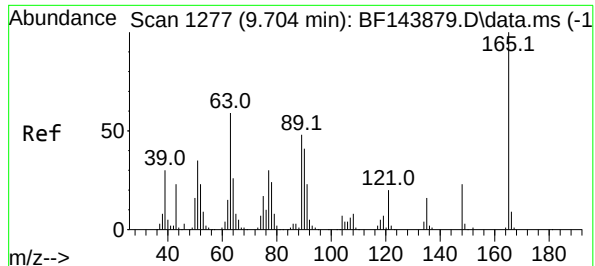
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 8.1 12.1

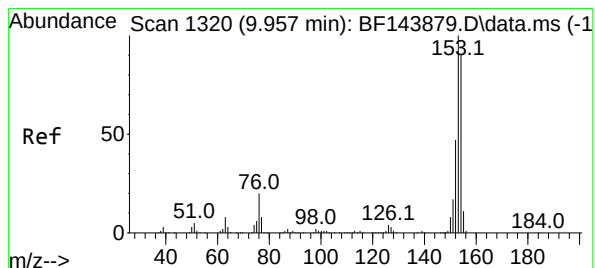
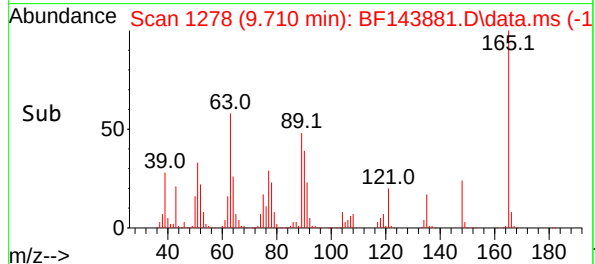
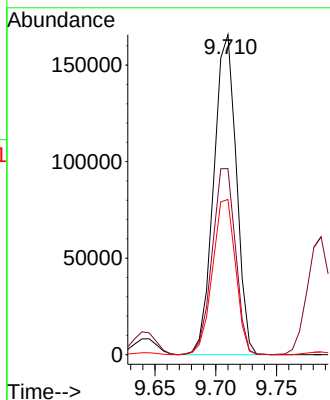
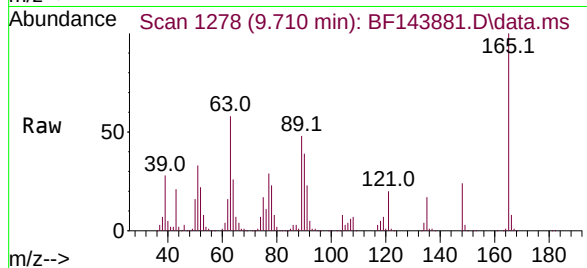




#51  
2,6-Dinitrotoluene  
Concen: 63.587 ng  
RT: 9.710 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

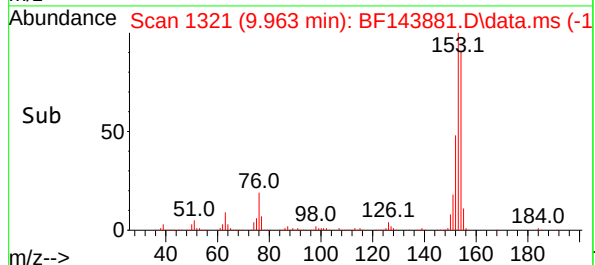
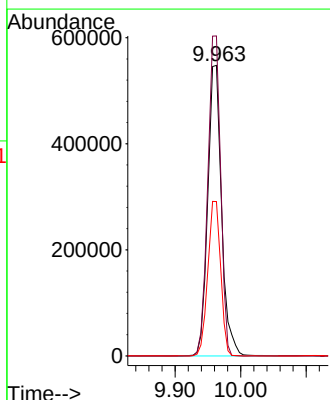
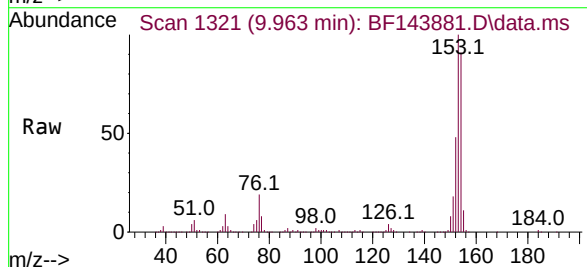
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:165 Resp: 214169  
Ion Ratio Lower Upper  
165 100  
63 58.1 47.3 70.9  
89 48.5 38.2 57.4

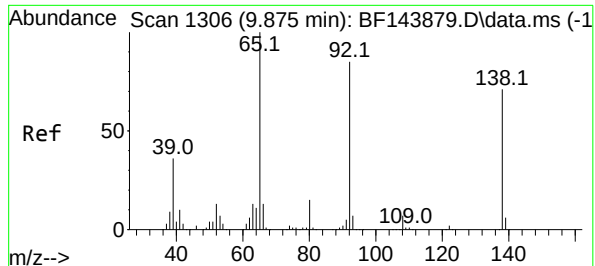


#52  
Acenaphthene  
Concen: 55.124 ng  
RT: 9.963 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:154 Resp: 801773  
Ion Ratio Lower Upper  
154 100  
153 110.2 89.3 133.9  
152 53.1 42.2 63.2



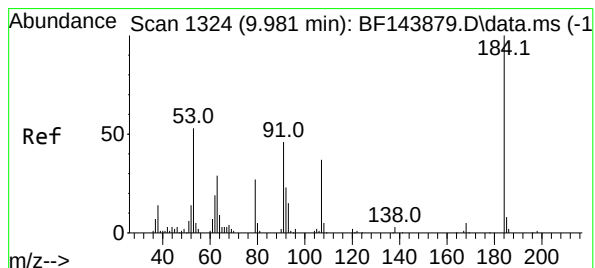
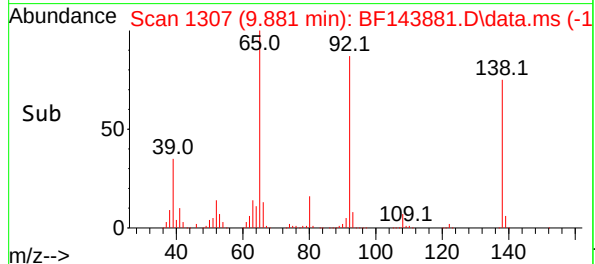
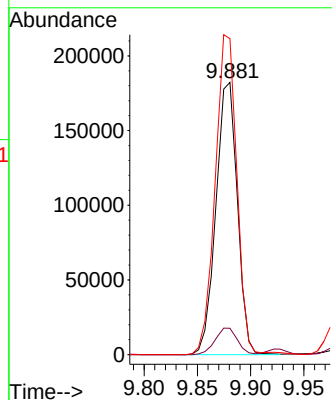
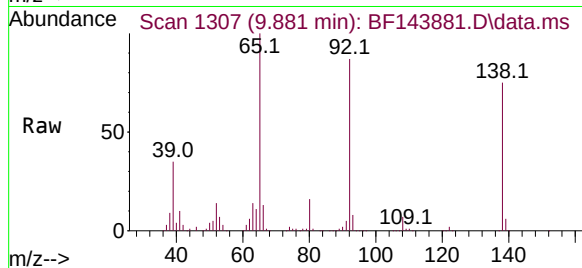




#53  
3-Nitroaniline  
Concen: 62.070 ng  
RT: 9.881 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

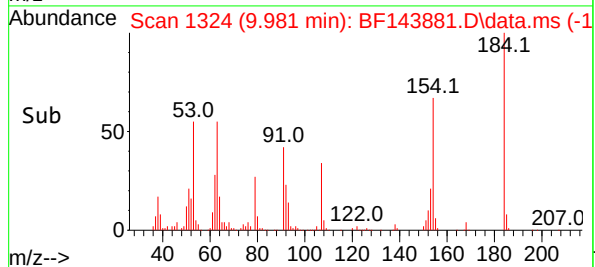
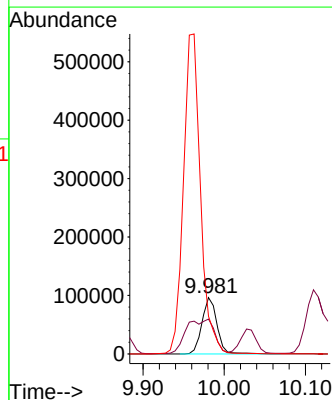
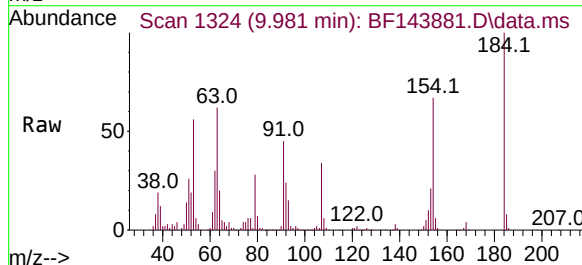
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

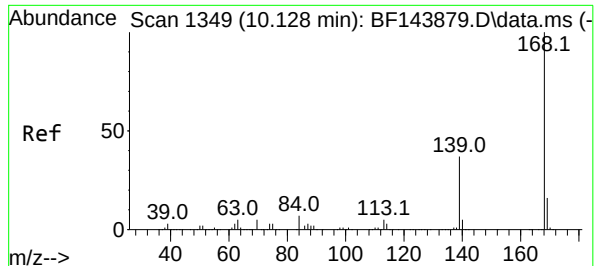
Tgt Ion:138 Resp: 255984  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.3 12.5  
92 116.1 96.2 144.2



#54  
2,4-Dinitrophenol  
Concen: 61.138 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.005 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:184 Resp: 123295  
Ion Ratio Lower Upper  
184 100  
63 61.8 48.2 72.4  
154 66.8 49.2 73.8





#55

Dibenzofuran

Concen: 54.120 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

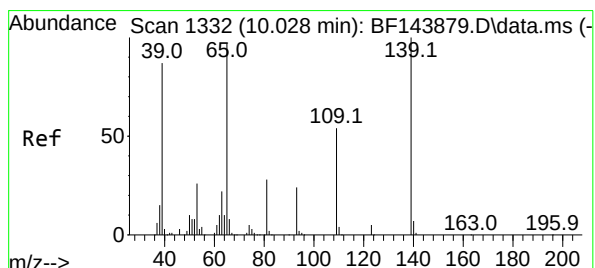
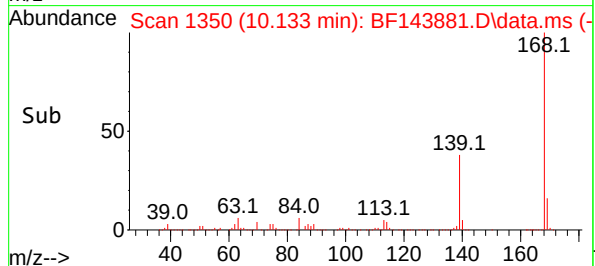
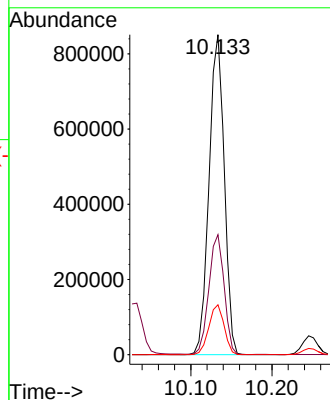
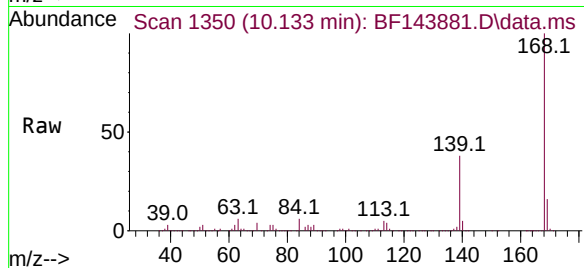
Tgt Ion:168 Resp: 1111183

Ion Ratio Lower Upper

168 100

139 37.5 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 62.550 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

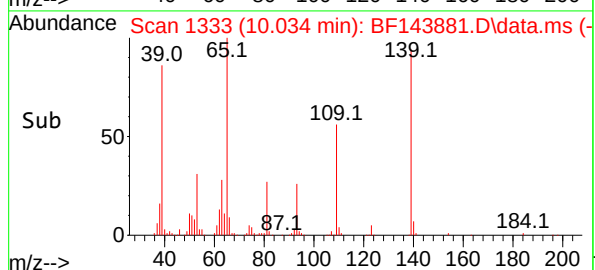
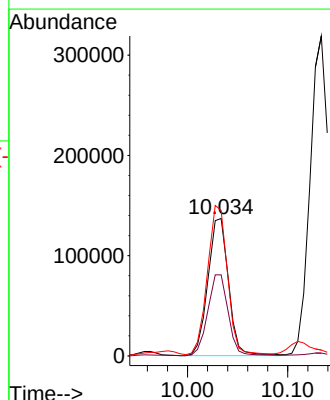
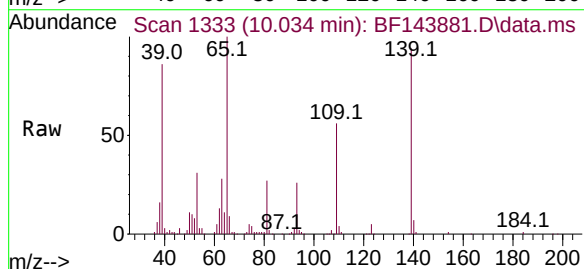
Tgt Ion:139 Resp: 195321

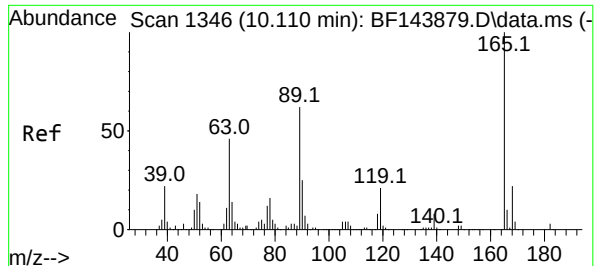
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 105.8 77.6 117.6

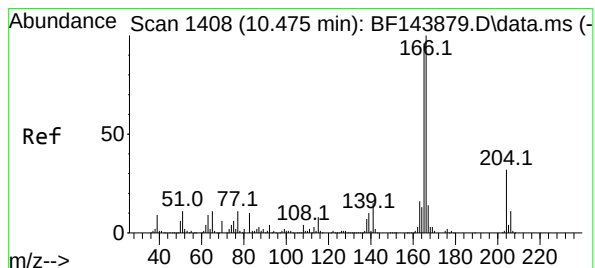
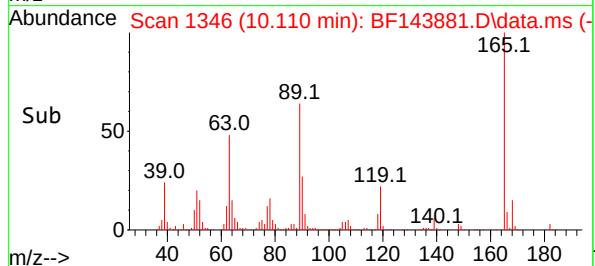
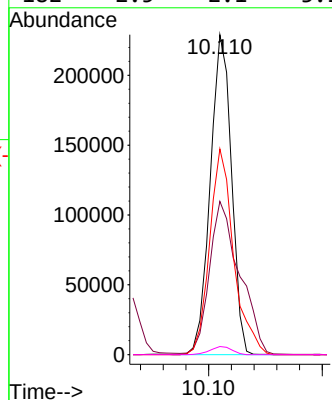
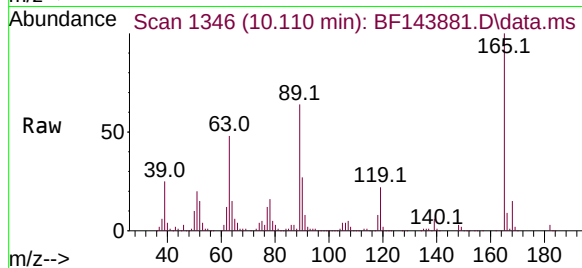




#57  
2,4-Dinitrotoluene  
Concen: 64.812 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

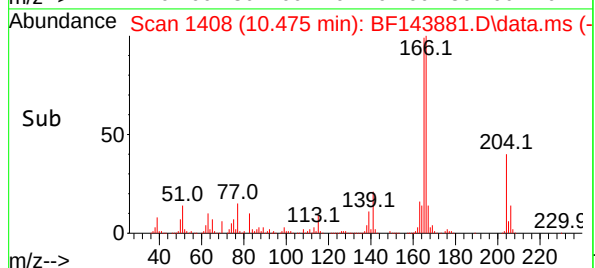
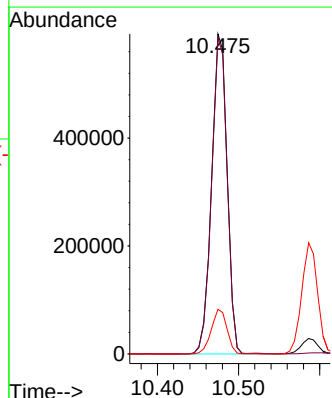
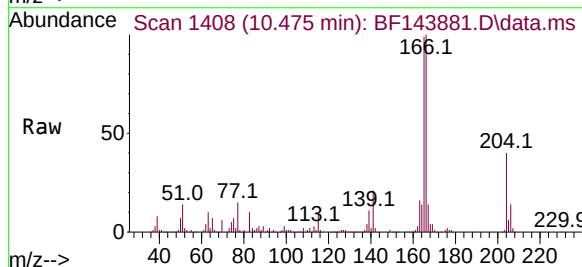
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

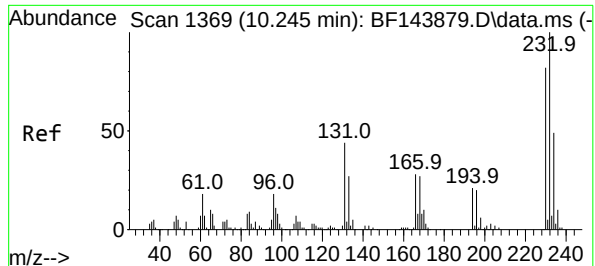
Tgt Ion:165 Resp: 297018  
Ion Ratio Lower Upper  
165 100  
63 47.9 37.2 55.8  
89 64.3 49.4 74.2  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 51.090 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:166 Resp: 791518  
Ion Ratio Lower Upper  
166 100  
165 98.8 77.0 115.6  
167 13.9 11.1 16.7

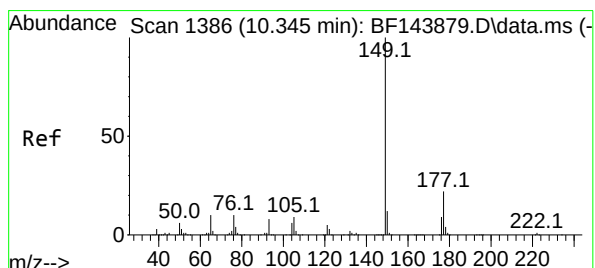
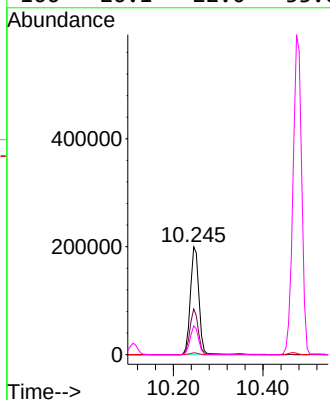
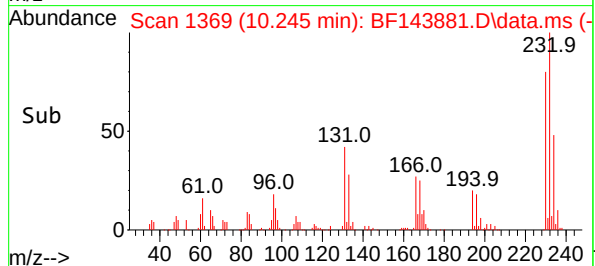
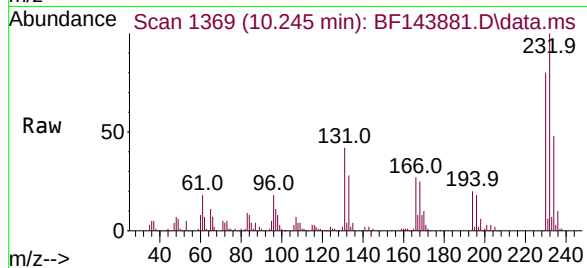




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 61.283 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

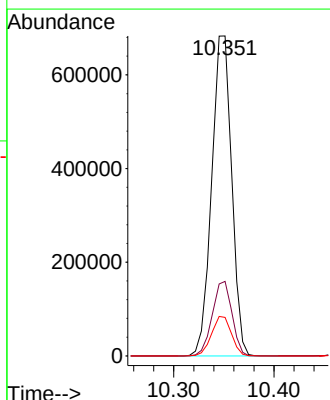
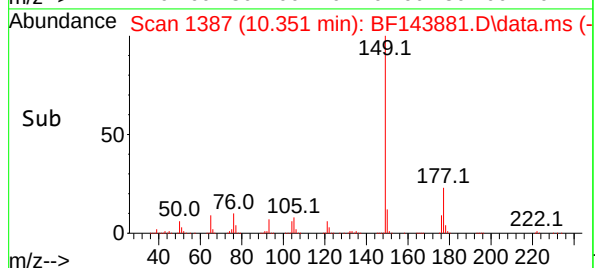
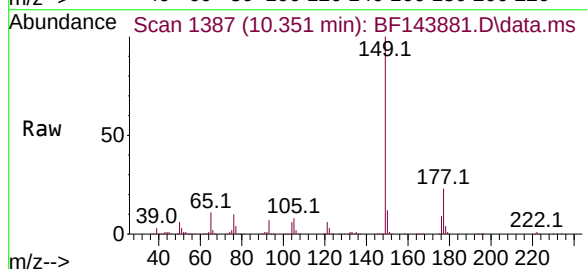
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

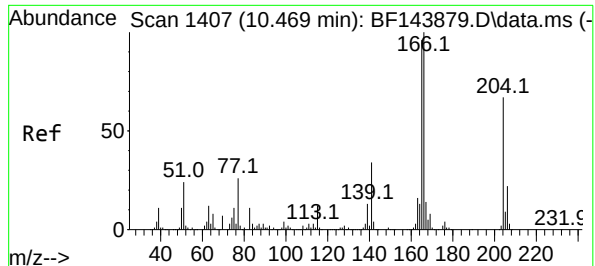
Tgt Ion:232 Resp: 264796  
Ion Ratio Lower Upper  
232 100  
131 41.1 34.9 52.3  
130 1.6 1.6 2.4#  
166 26.1 22.0 33.0



#60  
Diethylphthalate  
Concen: 56.214 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 948580  
Ion Ratio Lower Upper  
149 100  
177 23.3 17.9 26.9  
150 12.0 9.8 14.8

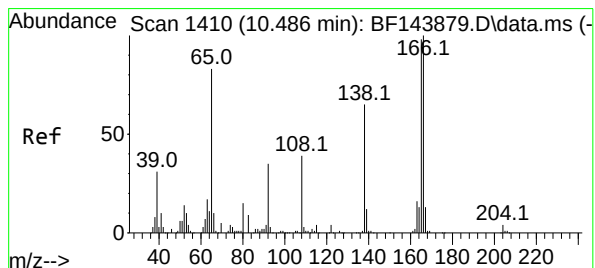
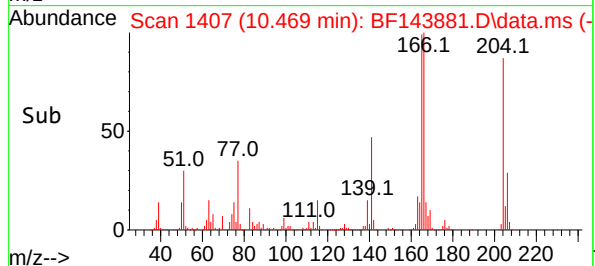
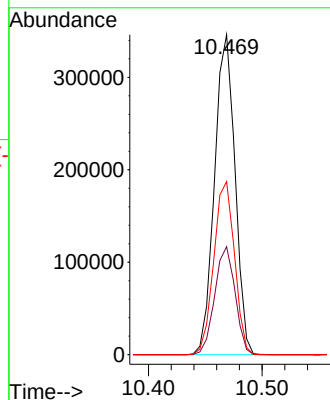
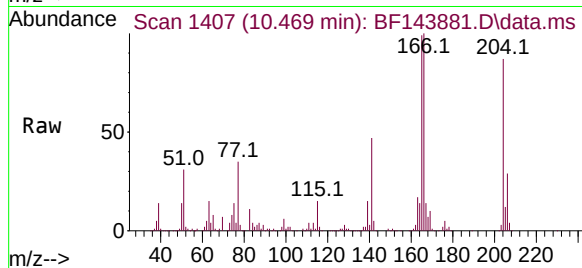




#61  
4-Chlorophenyl-phenylether  
Concen: 52.905 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

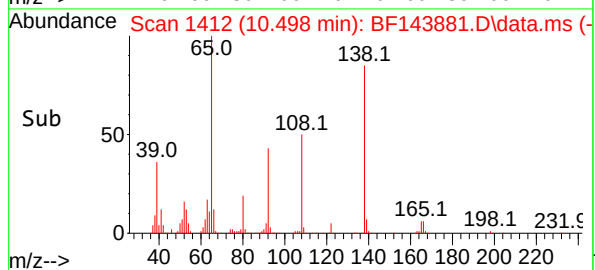
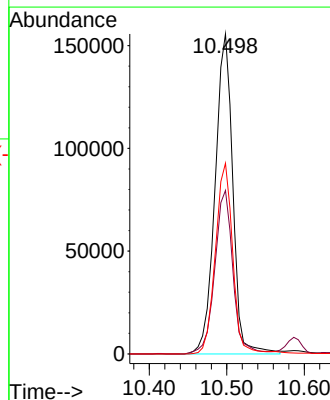
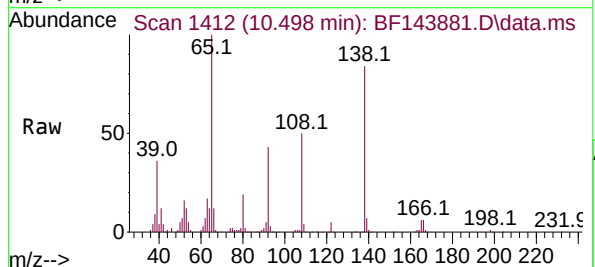
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

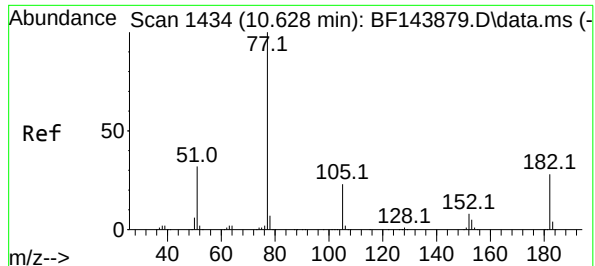
Tgt Ion:204 Resp: 433339  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.6 40.0  
141 54.1 40.4 60.6



#62  
4-Nitroaniline  
Concen: 62.288 ng  
RT: 10.498 min Scan# 1412  
Delta R.T. -0.012 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:138 Resp: 247024  
Ion Ratio Lower Upper  
138 100  
92 51.1 33.9 73.9  
108 59.6 40.2 80.2

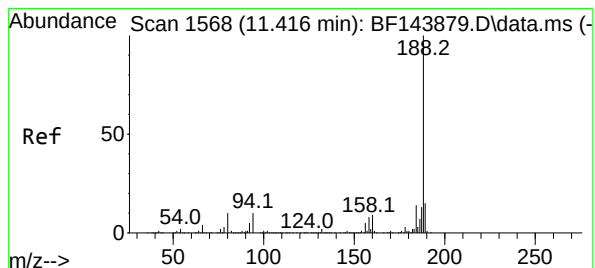
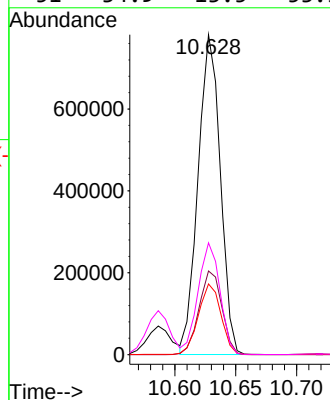
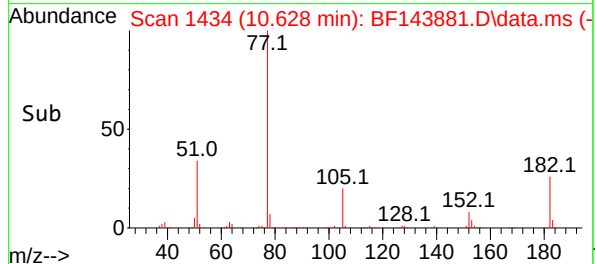
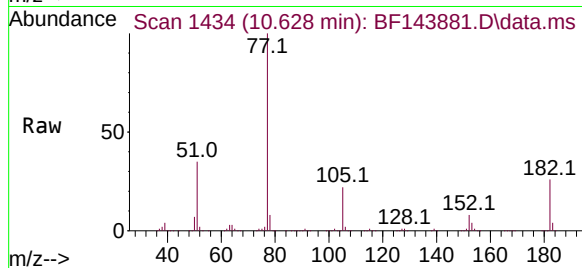




#63  
Azobenzene  
Concen: 56.252 ng  
RT: 10.628 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

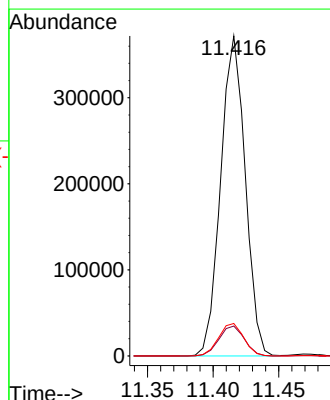
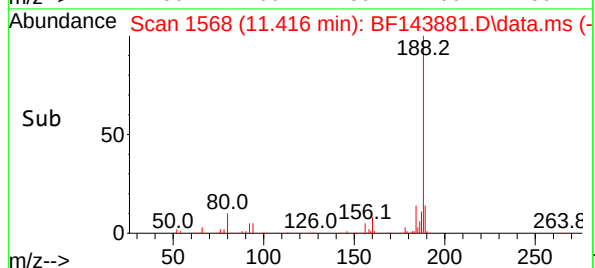
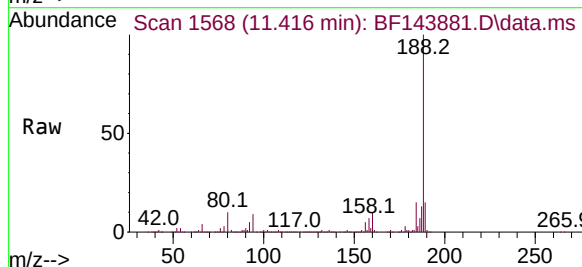
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

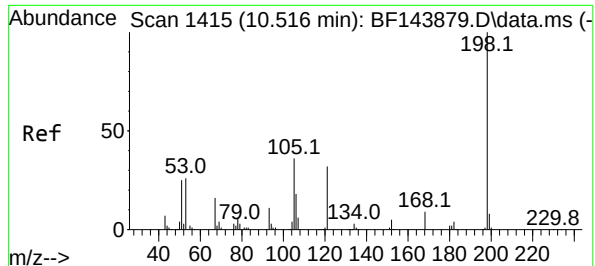
|             |                |
|-------------|----------------|
| Tgt Ion: 77 | Resp: 992054   |
| Ion Ratio   | Lower Upper    |
| 77          | 100            |
| 182         | 26.1 7.3 47.3  |
| 105         | 22.1 3.0 43.0  |
| 51          | 34.9 13.5 53.5 |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

|              |               |
|--------------|---------------|
| Tgt Ion: 188 | Resp: 485489  |
| Ion Ratio    | Lower Upper   |
| 188          | 100           |
| 94           | 9.3 7.8 11.6  |
| 80           | 10.1 7.9 11.9 |

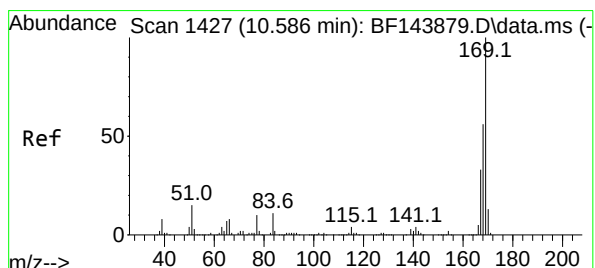
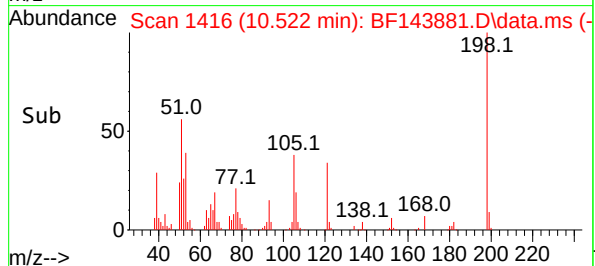
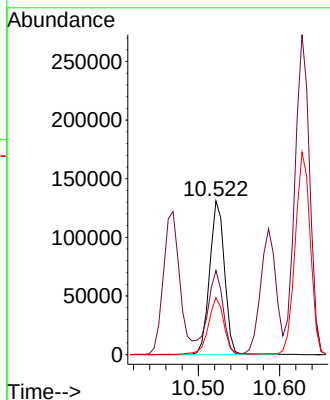
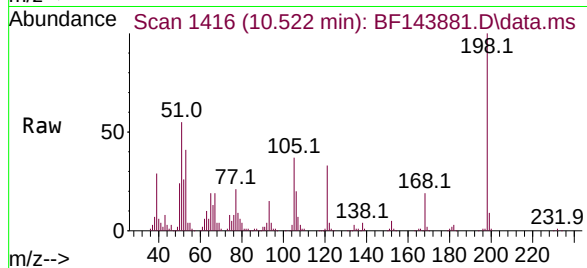




#65  
4,6-Dinitro-2-methylphenol  
Concen: 68.344 ng  
RT: 10.522 min Scan# 1416  
Delta R.T. -0.012 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

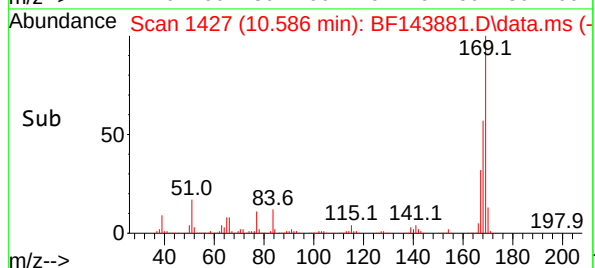
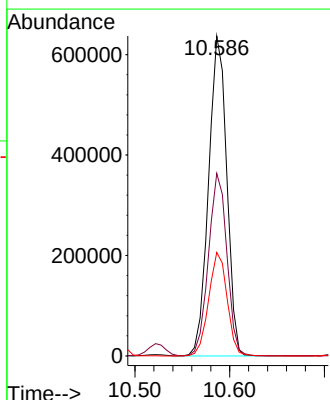
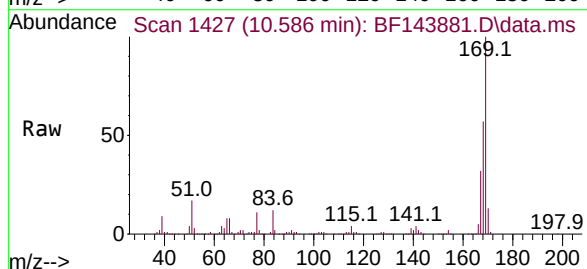
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

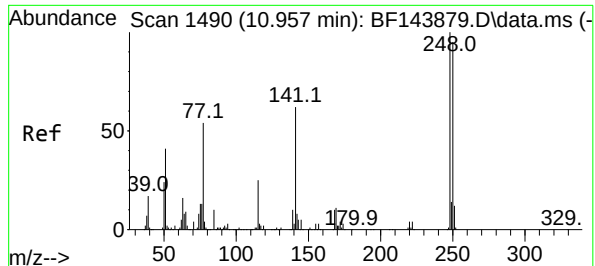
Tgt Ion:198 Resp: 166740  
Ion Ratio Lower Upper  
198 100  
51 54.7 33.8 73.8  
105 37.2 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 55.797 ng  
RT: 10.586 min Scan# 1427  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:169 Resp: 850570  
Ion Ratio Lower Upper  
169 100  
168 57.0 44.9 67.3  
167 32.3 26.3 39.5

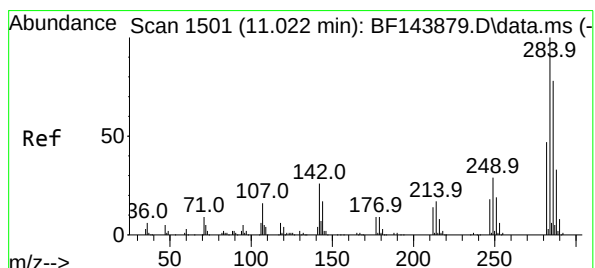
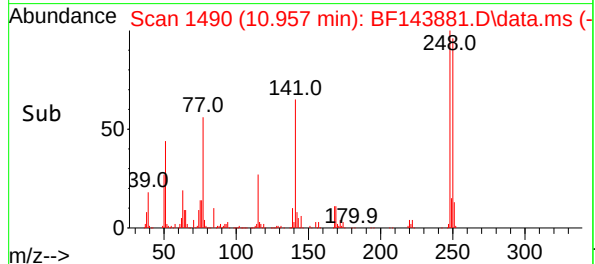
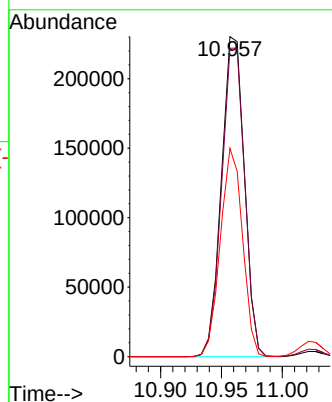
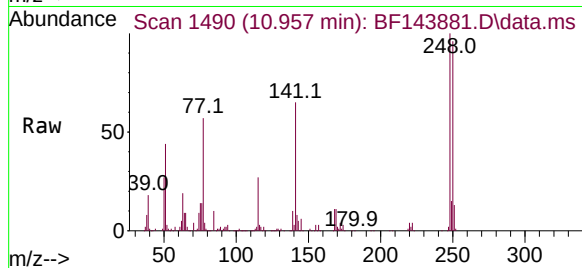




#67  
4-Bromophenyl-phenylether  
Concen: 56.317 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

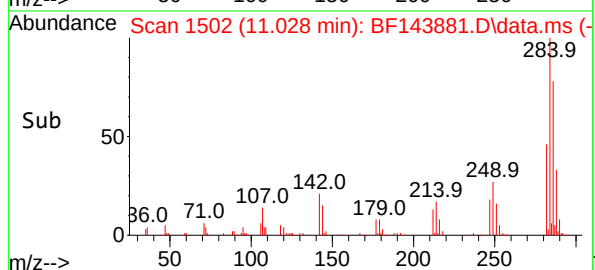
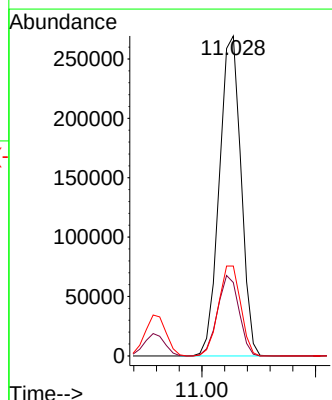
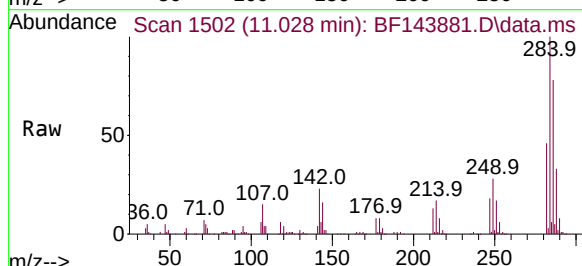
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.4  | 76.3  | 114.5 |
| 141     | 65.1  | 49.7  | 74.5  |

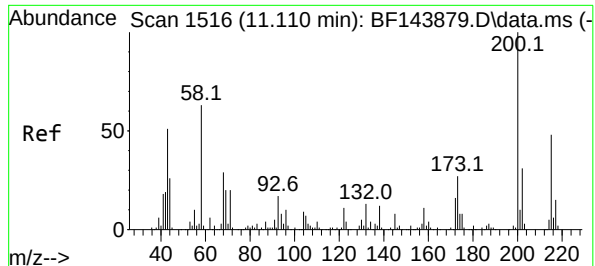


#68  
Hexachlorobenzene  
Concen: 57.378 ng  
RT: 11.028 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 22.9  | 20.6  | 30.8  |
| 249     | 28.1  | 23.2  | 34.8  |







#69

Atrazine

Concen: 55.713 ng

RT: 11.116 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

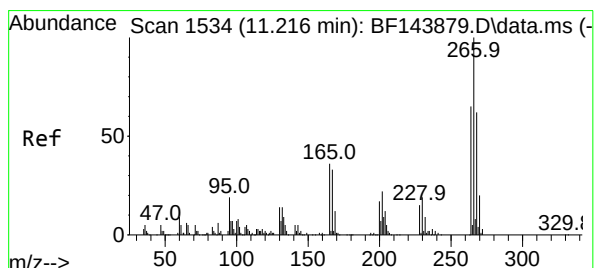
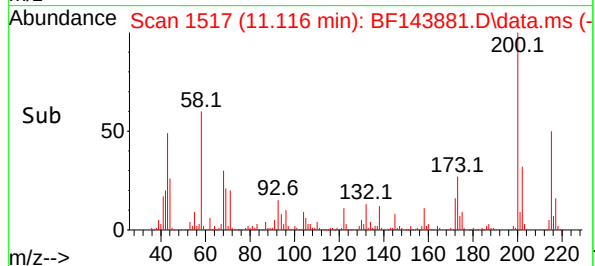
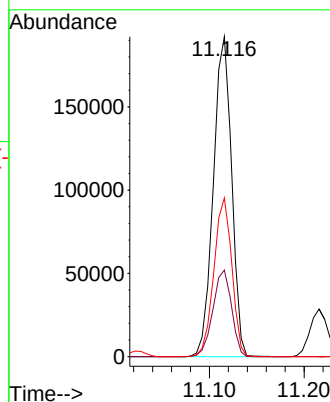
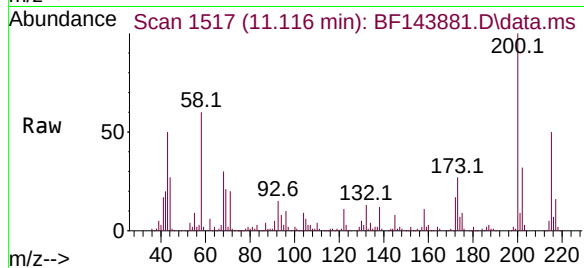
Tgt Ion:200 Resp: 257412

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 49.6 27.8 67.8



#70

Pentachlorophenol

Concen: 62.792 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

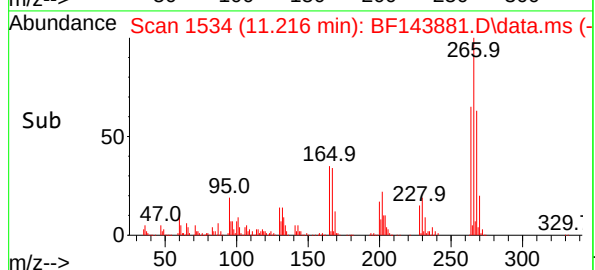
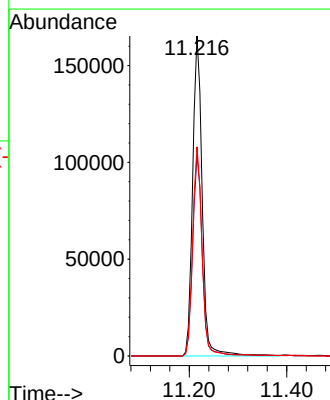
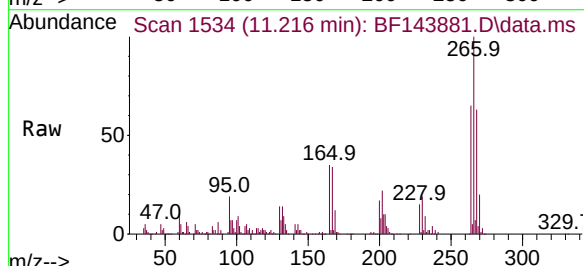
Tgt Ion:266 Resp: 224011

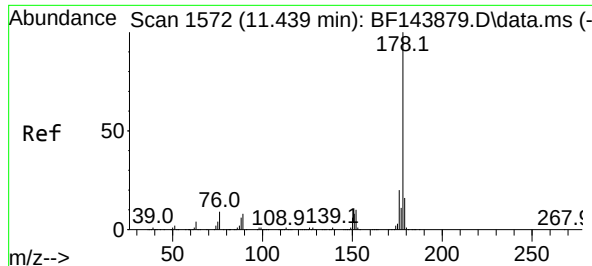
Ion Ratio Lower Upper

266 100

268 62.7 49.4 74.0

264 65.3 51.8 77.6





#71

Phenanthrene

Concen: 53.961 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

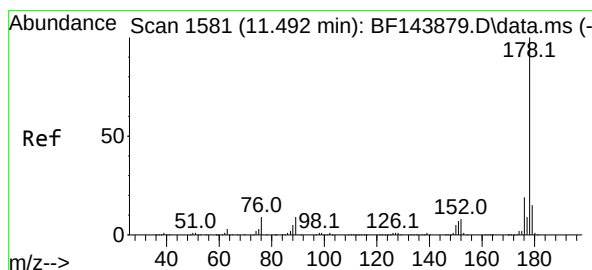
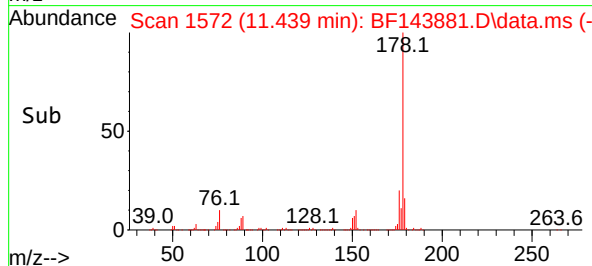
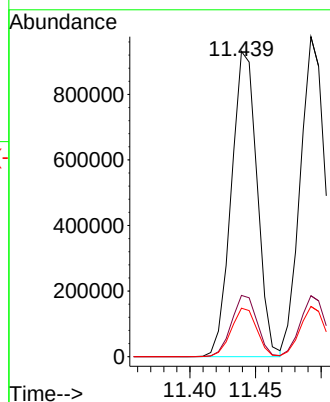
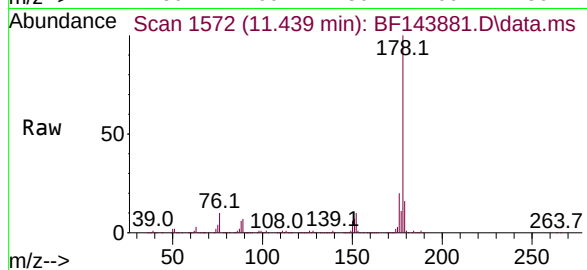
Tgt Ion:178 Resp: 1270063

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.9 12.4 18.6



#72

Anthracene

Concen: 53.956 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

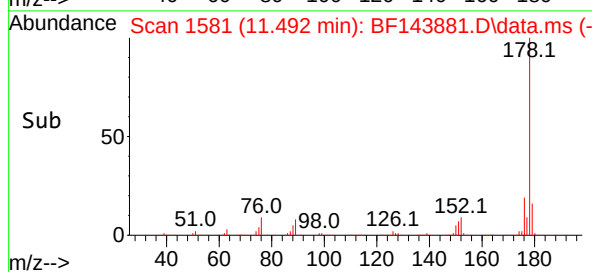
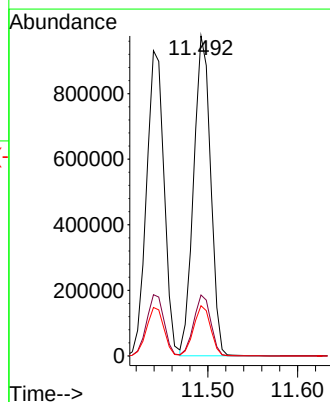
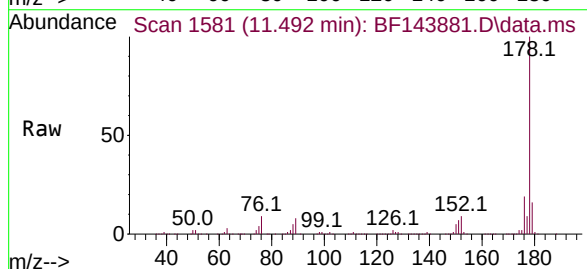
Tgt Ion:178 Resp: 1282940

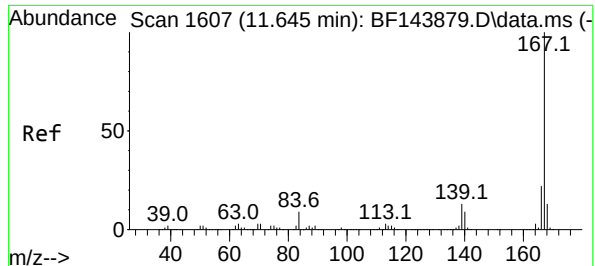
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

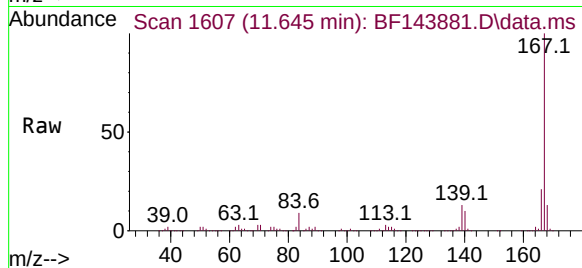
179 15.7 12.2 18.2



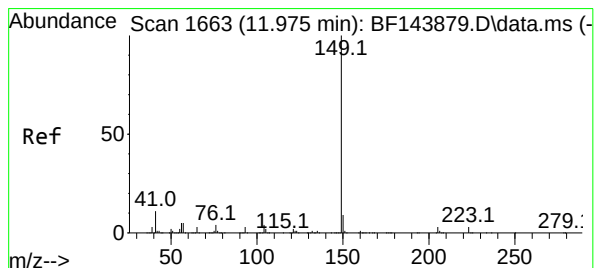
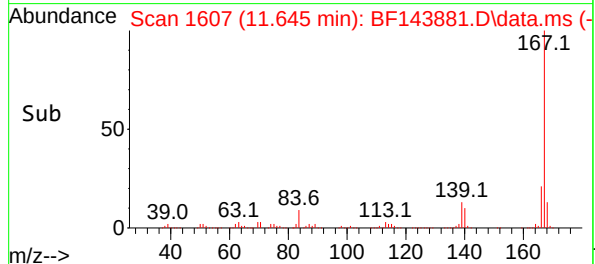
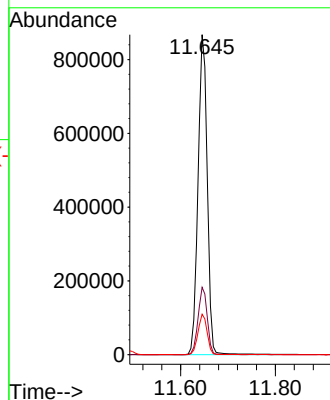


#73  
Carbazole  
Concen: 55.592 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

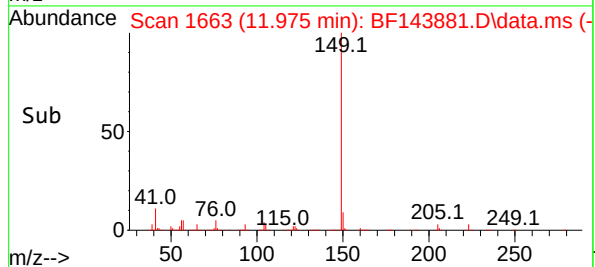
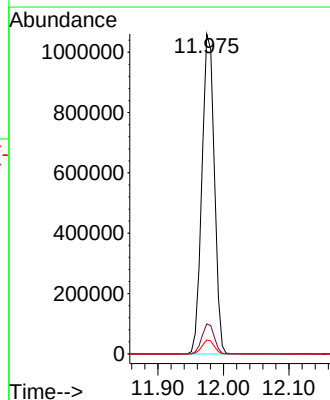
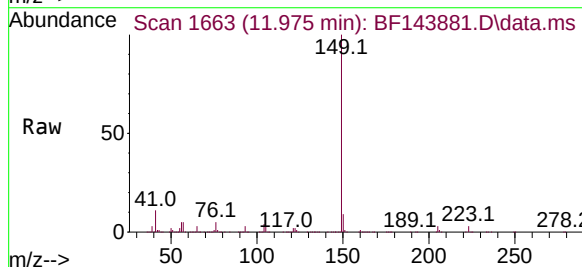


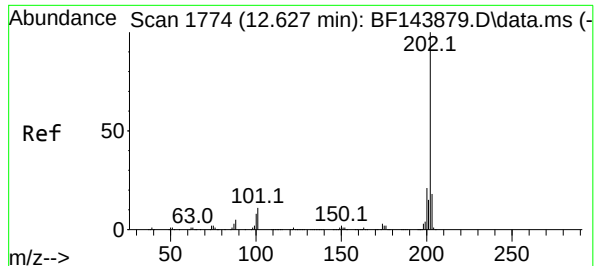
Tgt Ion:167 Resp: 1170717  
Ion Ratio Lower Upper  
167 100  
166 21.0 17.2 25.8  
139 12.6 10.1 15.1



#74  
Di-n-butylphthalate  
Concen: 56.934 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 1389569  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.2  
104 4.3 3.4 5.2

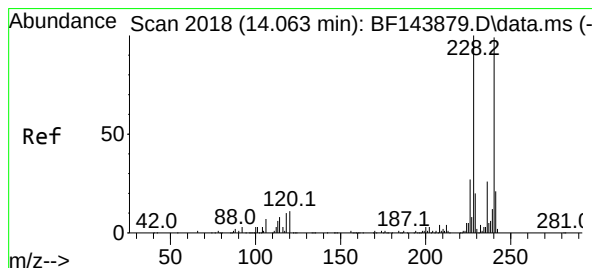
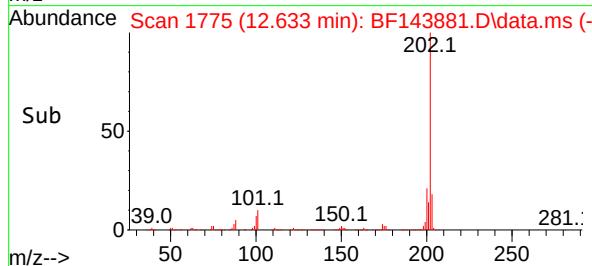
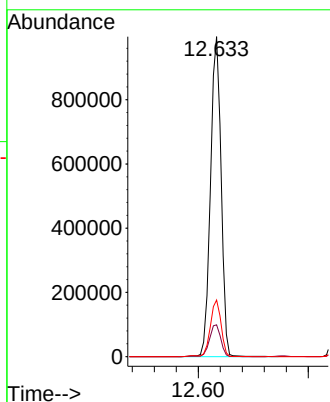
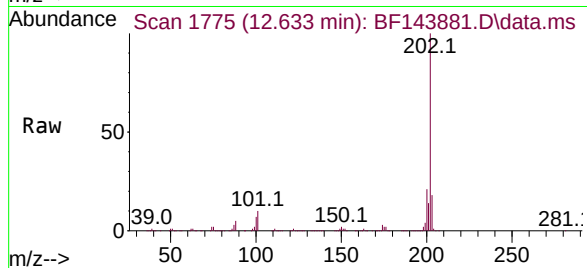




#75  
Fluoranthene  
Concen: 54.530 ng  
RT: 12.633 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

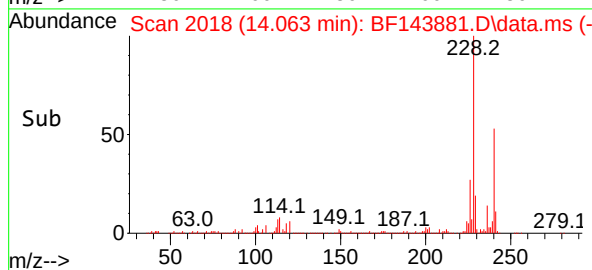
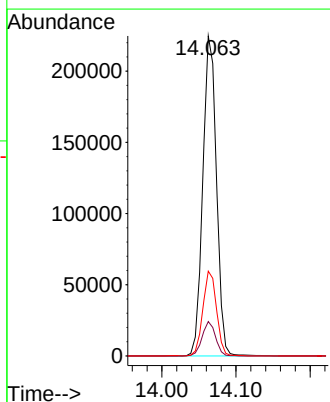
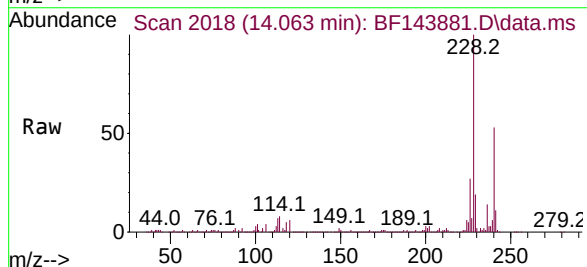
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

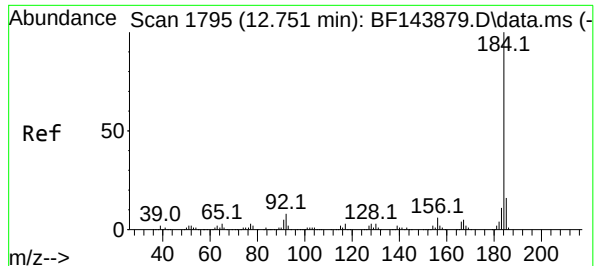
Tgt Ion:202 Resp: 1325716  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.7  
203 17.7 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:240 Resp: 287097  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.6 13.0  
236 26.5 21.1 31.7





#77

Benzidine

Concen: 55.312 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

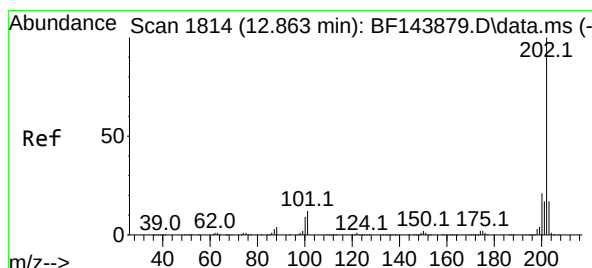
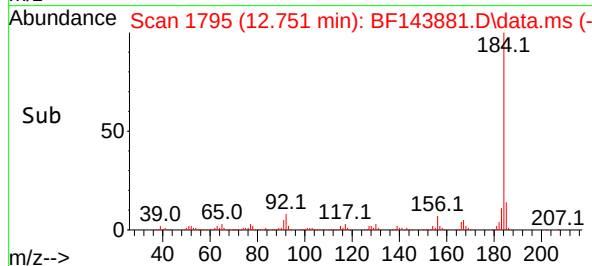
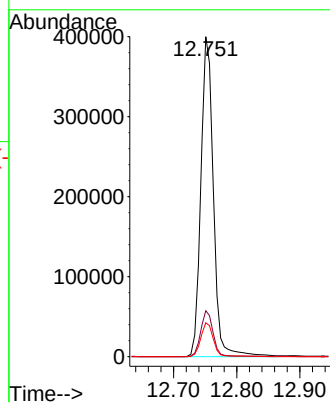
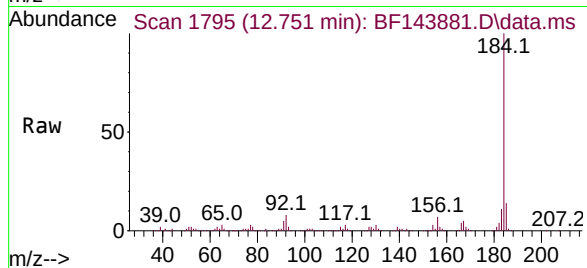
Tgt Ion:184 Resp: 551394

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

183 10.6 8.8 13.2



#78

Pyrene

Concen: 56.800 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

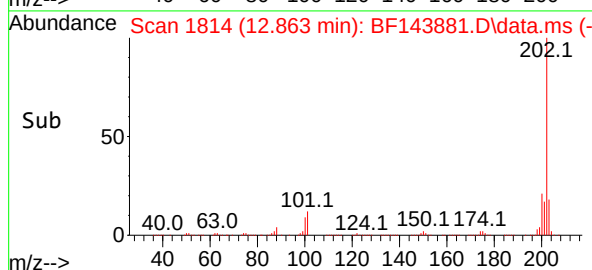
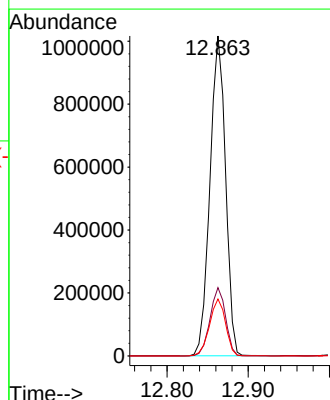
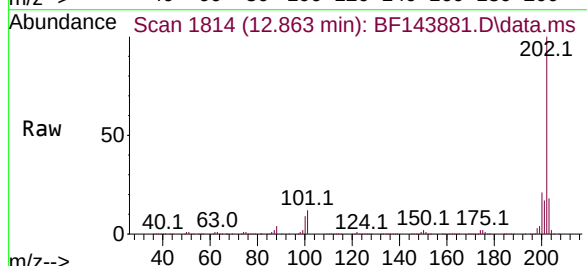
Tgt Ion:202 Resp: 1359513

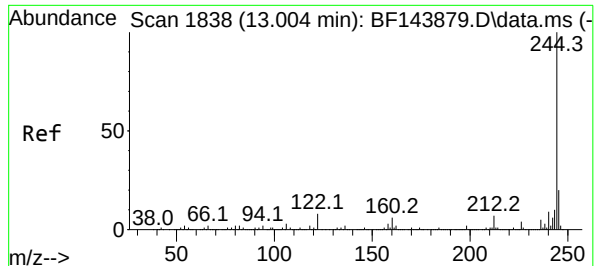
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 110.799 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

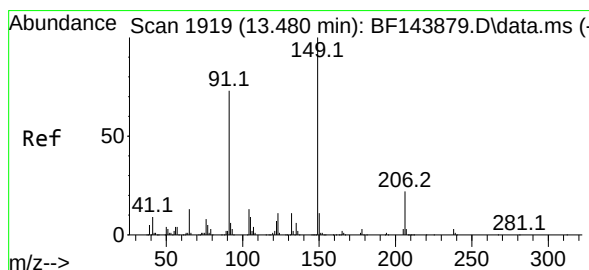
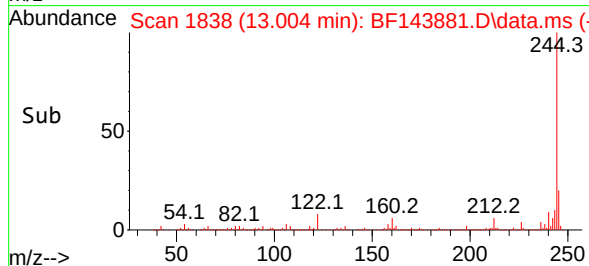
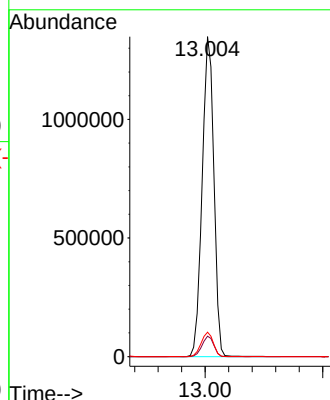
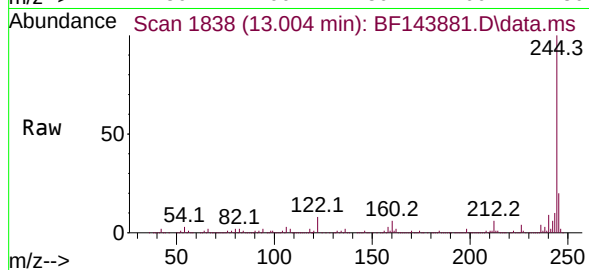
Tgt Ion:244 Resp: 1861234

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 7.6 6.4 9.6



#80

Butylbenzylphthalate

Concen: 61.293 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

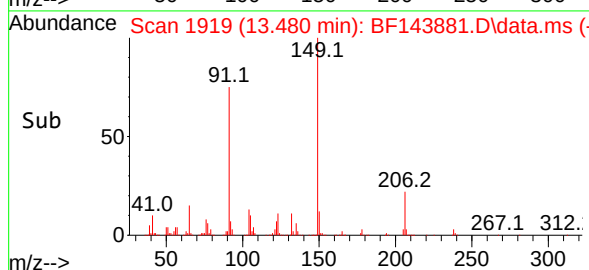
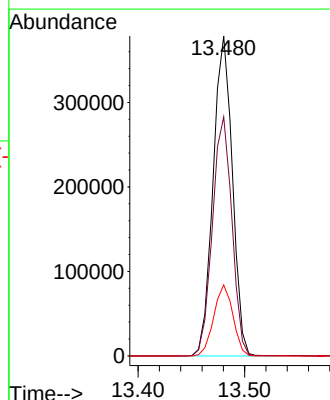
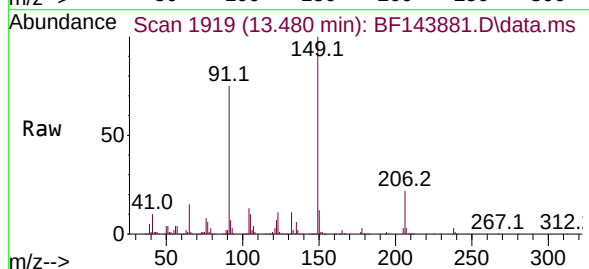
Tgt Ion:149 Resp: 476448

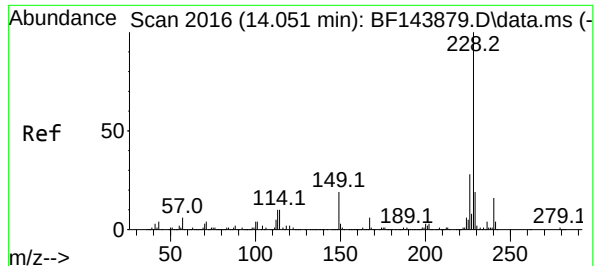
Ion Ratio Lower Upper

149 100

91 74.7 58.2 87.2

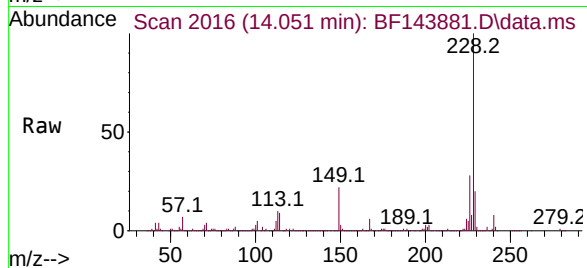
206 22.2 17.9 26.9



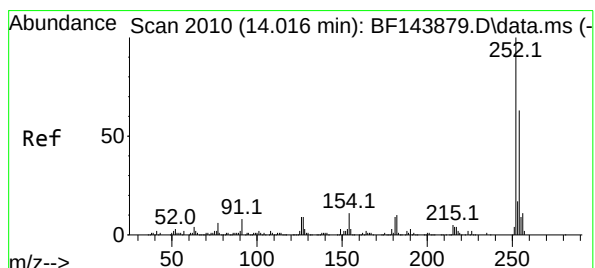
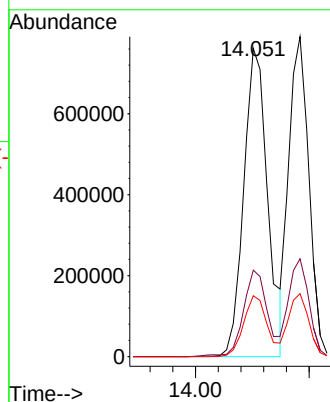
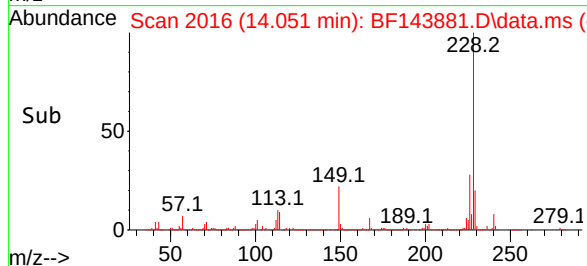


#81  
Benzo(a)anthracene  
Concen: 59.168 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

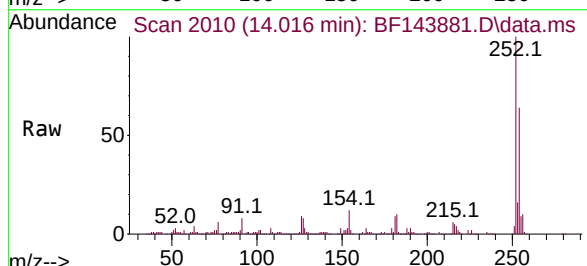
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060



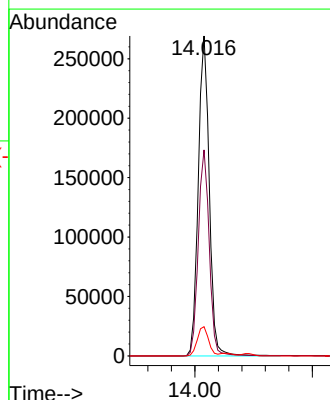
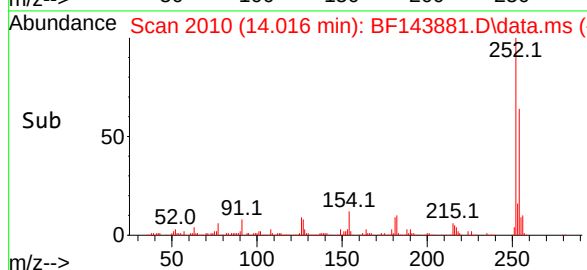
Tgt Ion:228 Resp: 1111626  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.2 33.2  
229 19.8 15.6 23.4

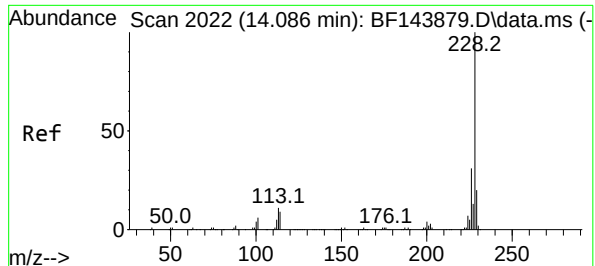


#82  
3,3'-Dichlorobenzidine  
Concen: 60.756 ng  
RT: 14.016 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53



Tgt Ion:252 Resp: 347863  
Ion Ratio Lower Upper  
252 100  
254 64.4 50.6 76.0  
126 9.1 7.0 10.6





#83

Chrysene

Concen: 55.770 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

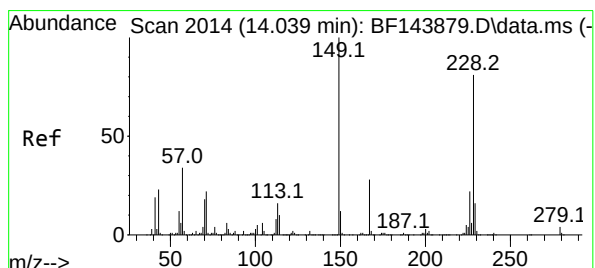
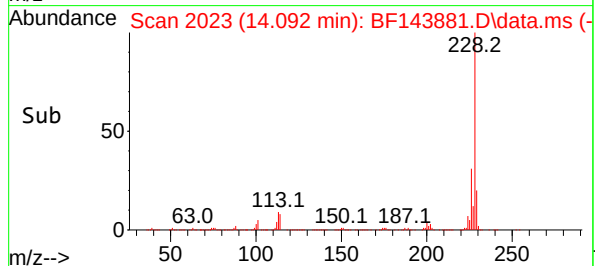
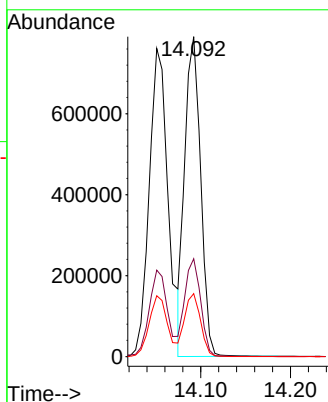
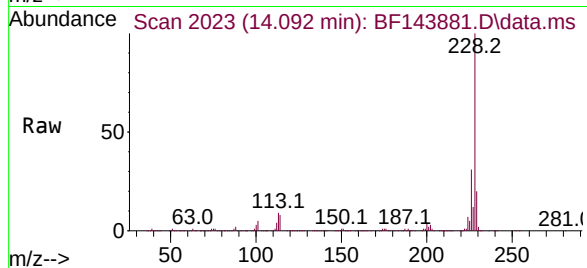
Tgt Ion:228 Resp: 969765

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.804 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

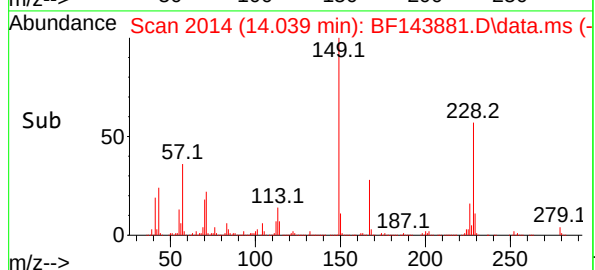
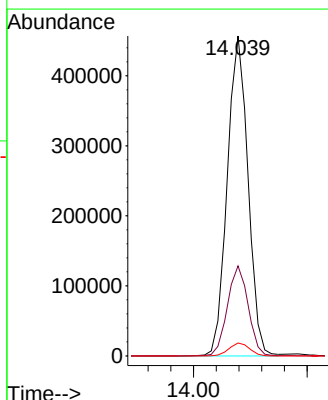
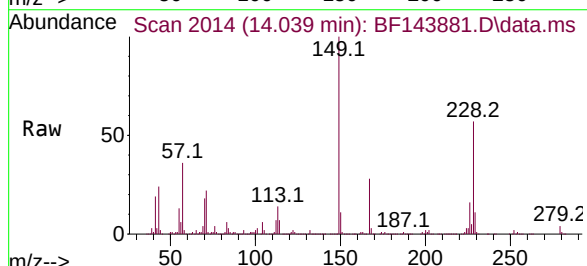
Tgt Ion:149 Resp: 579121

Ion Ratio Lower Upper

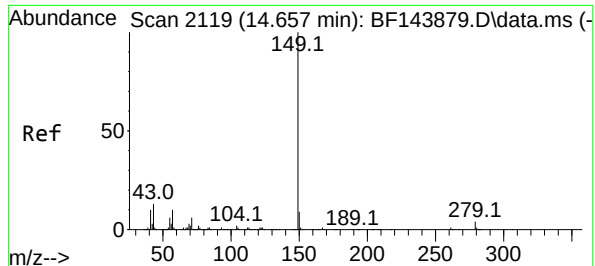
149 100

167 28.1 22.2 33.4

279 4.0 3.1 4.7



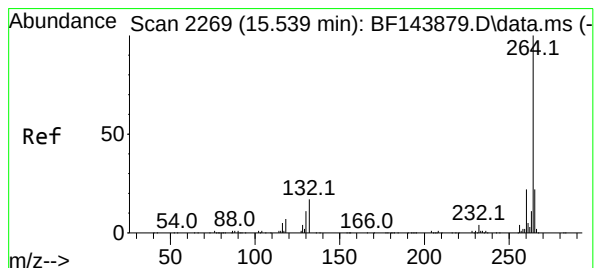
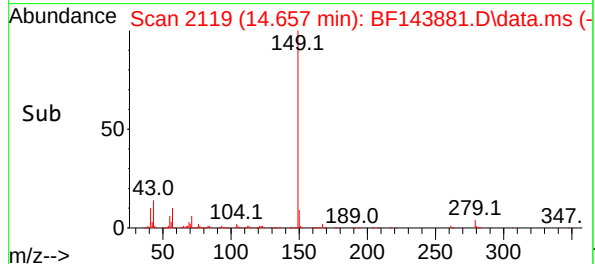
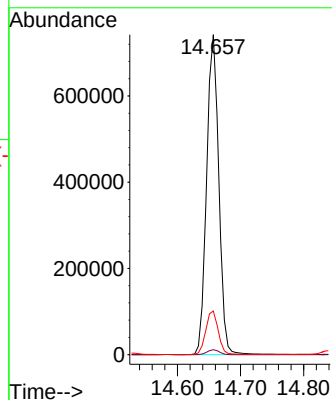
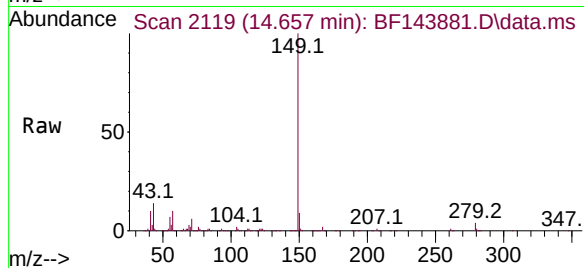




#85  
Di-n-octyl phthalate  
Concen: 64.431 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

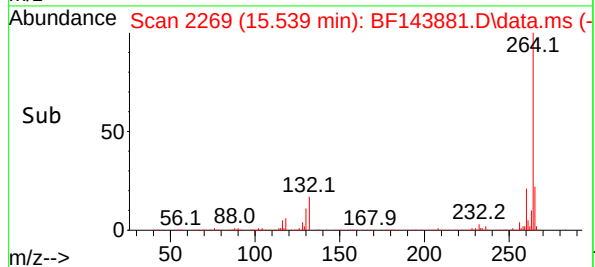
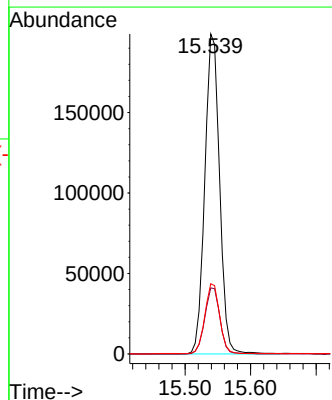
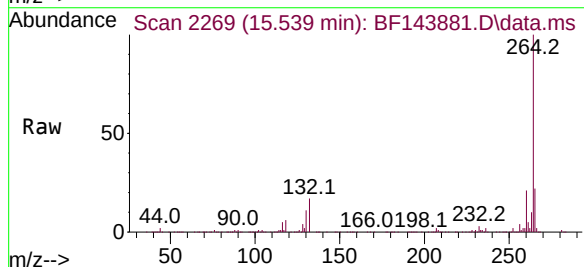
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

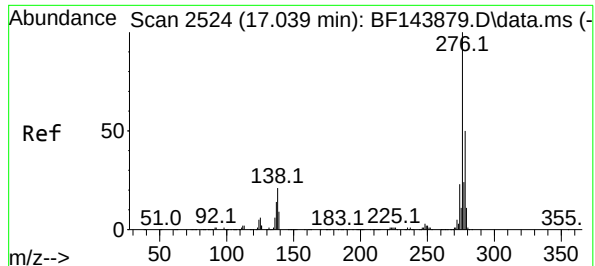
Tgt Ion:149 Resp: 991597  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 14.0 11.0 16.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:264 Resp: 309882  
Ion Ratio Lower Upper  
264 100  
260 20.6 17.8 26.8  
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.815 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

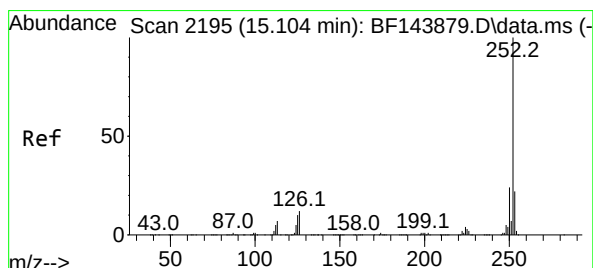
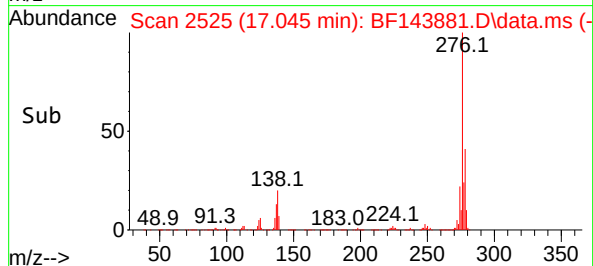
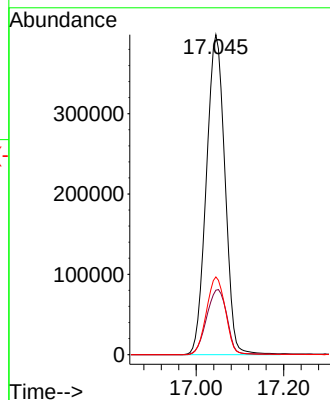
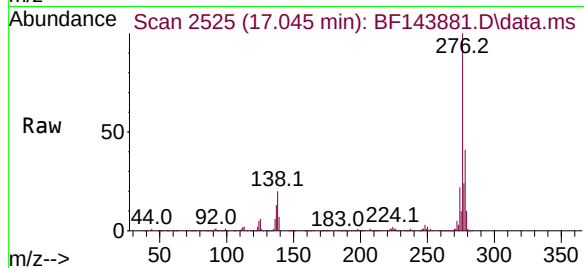
Tgt Ion:276 Resp: 1173726

Ion Ratio Lower Upper

276 100

138 22.3 18.2 27.2

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 62.778 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

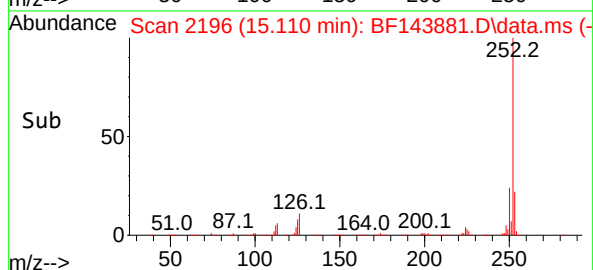
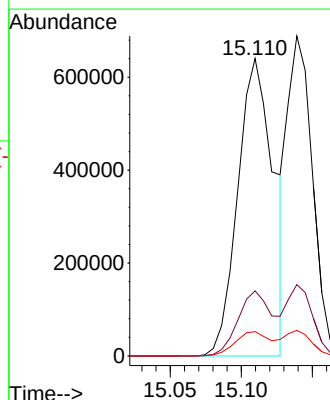
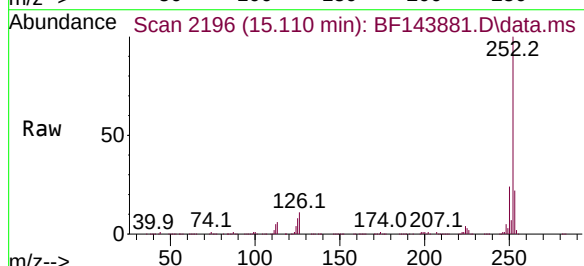
Tgt Ion:252 Resp: 1117484

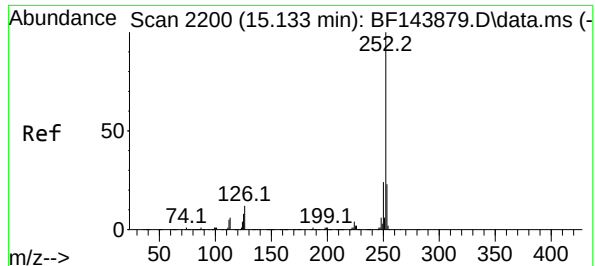
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.2 7.8 11.6

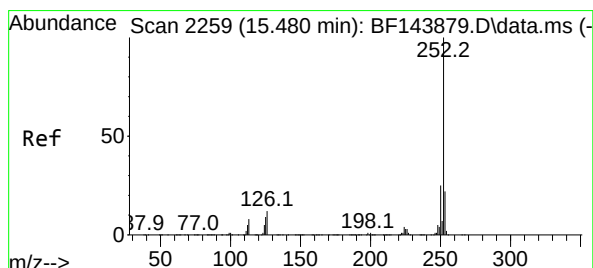
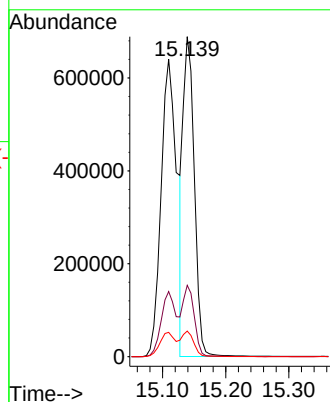
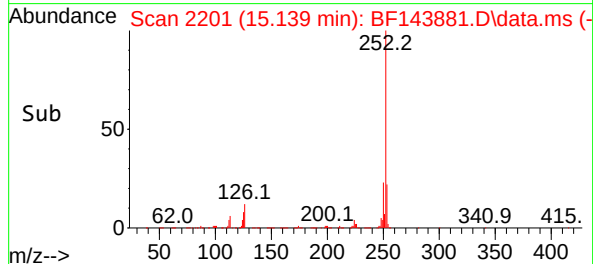
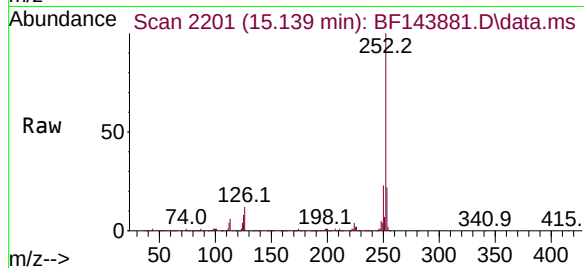




#89  
Benzo(k)fluoranthene  
Concen: 51.969 ng  
RT: 15.139 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

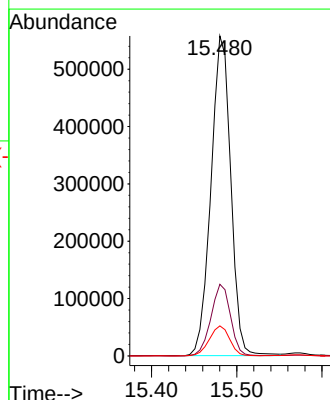
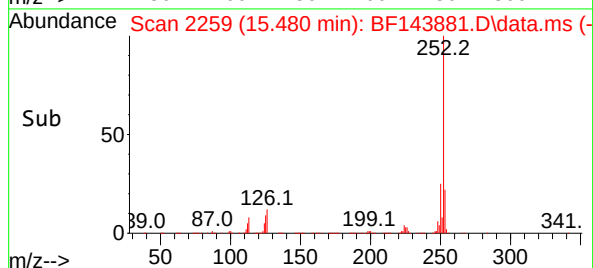
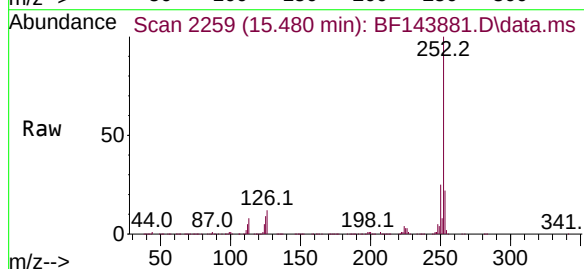
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

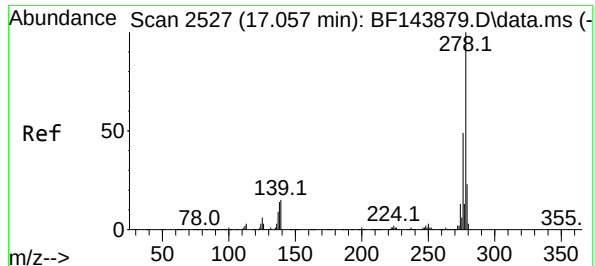
Tgt Ion:252 Resp: 855988  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 8.0 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 58.412 ng  
RT: 15.480 min Scan# 2259  
Delta R.T. -0.006 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:252 Resp: 901585  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.3 25.9  
125 9.4 7.0 10.4

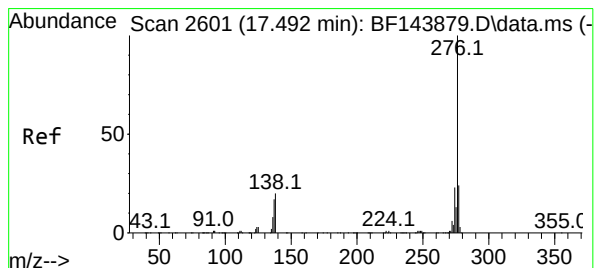
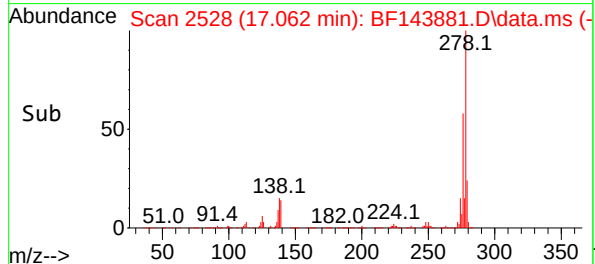
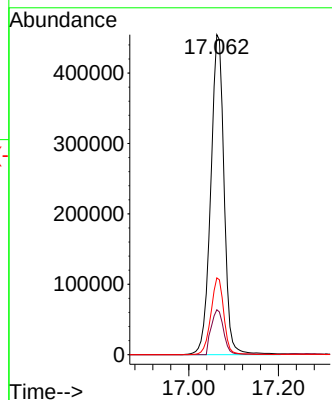
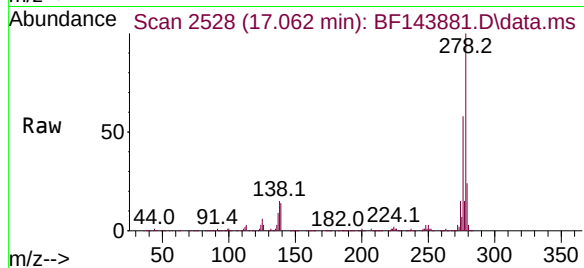




#91  
Dibenzo(a,h)anthracene  
Concen: 61.291 ng  
RT: 17.062 min Scan# 2527  
Delta R.T. -0.017 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

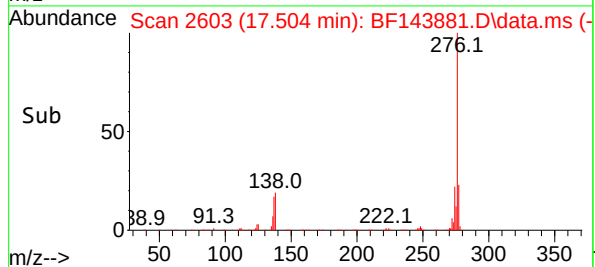
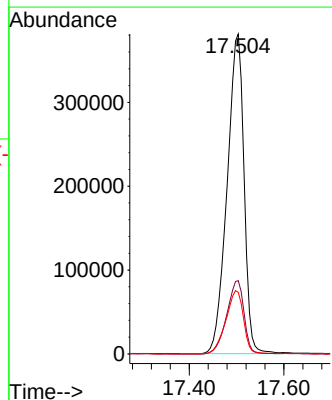
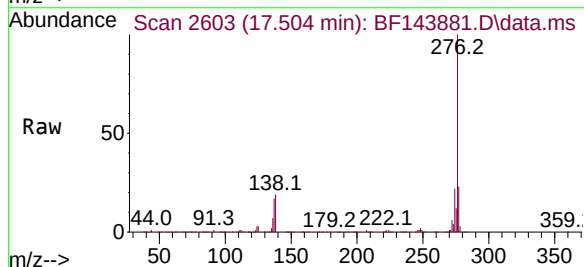
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tgt Ion:278 Resp: 935987  
Ion Ratio Lower Upper  
278 100  
139 14.0 11.7 17.5  
279 24.0 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 61.976 ng  
RT: 17.504 min Scan# 2603  
Delta R.T. -0.012 min  
Lab File: BF143881.D  
Acq: 06 Oct 2025 13:53

Tgt Ion:276 Resp: 946452  
Ion Ratio Lower Upper  
276 100  
277 22.9 19.0 28.6  
138 19.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143882.D  
 Acq On : 06 Oct 2025 14:22  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 153550   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 584564   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.927  | 164  | 320335   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 540366   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.068 | 240  | 302500   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 357911   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 1325806  | 137.113 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 1617892  | 140.374 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 1436124  | 149.259 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.722 | 330  | 495811   | 155.397 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000   | ng    |          |
| 79) Terphenyl-d14             | 13.010 | 244  | 2382437  | 134.604 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 334123   | 74.672  | ng    | 98       |
| 3) Pyridine                   | 3.416  | 79   | 1009551  | 77.503  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.387  | 42   | 552664   | 80.653  | ng    | 96       |
| 6) Aniline                    | 6.551  | 93   | 1226438  | 71.012  | ng    | 94       |
| 8) 2-Chlorophenol             | 6.669  | 128  | 683900   | 72.356  | ng    | 100      |
| 9) Benzaldehyde               | 6.439  | 77   | 546849   | 61.507  | ng    | 99       |
| 10) Phenol                    | 6.534  | 94   | 976173   | 70.844  | ng    | 83       |
| 11) bis(2-Chloroethyl)ether   | 6.628  | 93   | 760388   | 71.438  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.828  | 146  | 746378   | 65.969  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 727973   | 65.228  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 708144   | 66.244  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.034  | 79   | 664305   | 76.926  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 1670583  | 68.951  | ng    | 97       |
| 17) 2-Methylphenol            | 7.134  | 107  | 569618   | 72.921  | ng    | 98       |
| 18) Hexachloroethane          | 7.398  | 117  | 256173   | 68.827  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.316  | 70   | 559967   | 70.978  | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 573027   | 63.295  | ng    | # 78     |
| 22) Acetophenone              | 7.304  | 105  | 795315   | 64.345  | ng    | # 92     |
| 24) Nitrobenzene              | 7.475  | 77   | 800306   | 74.900  | ng    | 98       |
| 25) Isophorone                | 7.722  | 82   | 1534787  | 75.651  | ng    | 98       |
| 26) 2-Nitrophenol             | 7.786  | 139  | 389145   | 84.948  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.822  | 122  | 616626   | 74.828  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 888473   | 69.328  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.028  | 162  | 620755   | 72.318  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.110  | 180  | 583022   | 69.063  | ng    | 99       |
| 31) Naphthalene               | 8.192  | 128  | 1710914  | 64.341  | ng    | 99       |
| 32) Benzoic acid              | 7.963  | 122  | 539440m  | 94.587  | ng    |          |
| 33) 4-Chloroaniline           | 8.239  | 127  | 697350   | 69.923  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 404619   | 68.974  | ng    | 98       |
| 35) Caprolactam               | 8.645  | 113  | 218801   | 80.169  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.722  | 107  | 598614   | 72.601  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.886  | 142  | 1138146  | 64.254  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.986  | 142  | 1087879  | 63.318  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.051  | 216  | 594660   | 67.166  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 301178   | 81.998  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.163  | 196  | 481852   | 74.487  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143882.D  
 Acq On : 06 Oct 2025 14:22  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.204  | 196  | 487322   | 71.286 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.351  | 154  | 1344805  | 63.407 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.375  | 162  | 1170019  | 66.165 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.469  | 65   | 445537   | 79.693 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 1644728  | 66.159 | ng    | 100      |
| 50) Dimethylphthalate         | 9.645  | 163  | 1415482  | 69.582 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 303176   | 80.372 | ng    | 97       |
| 52) Acenaphthene              | 9.963  | 154  | 1085733  | 66.651 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.886  | 138  | 365960   | 79.233 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 187560   | 80.556 | ng    | 97       |
| 55) Dibenzofuran              | 10.133 | 168  | 1471622  | 63.998 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.039 | 139  | 294937   | 84.335 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.116 | 165  | 409463   | 79.779 | ng    | 94       |
| 58) Fluorene                  | 10.480 | 166  | 1069764  | 61.654 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.251 | 232  | 368599   | 76.170 | ng    | 98       |
| 60) Diethylphthalate          | 10.351 | 149  | 1267085  | 67.047 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.469 | 204  | 572035   | 62.357 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.510 | 138  | 351634   | 79.169 | ng    | 98       |
| 63) Azobenzene                | 10.633 | 77   | 1351920  | 68.446 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198  | 236863   | 87.227 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.592 | 169  | 1139482  | 67.159 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.963 | 248  | 423148   | 70.857 | ng    | 98       |
| 68) Hexachlorobenzene         | 11.027 | 284  | 498602   | 72.118 | ng    | 97       |
| 69) Atrazine                  | 11.121 | 200  | 347749   | 67.621 | ng    | 99       |
| 70) Pentachlorophenol         | 11.221 | 266  | 318486   | 80.208 | ng    | 99       |
| 71) Phenanthrene              | 11.445 | 178  | 1676081  | 63.980 | ng    | 99       |
| 72) Anthracene                | 11.498 | 178  | 1688865  | 63.814 | ng    | 99       |
| 73) Carbazole                 | 11.651 | 167  | 1519615  | 64.832 | ng    | 100      |
| 74) Di-n-butylphthalate       | 11.980 | 149  | 1793855  | 66.034 | ng    | 100      |
| 75) Fluoranthene              | 12.633 | 202  | 1706368  | 63.059 | ng    | 99       |
| 78) Pyrene                    | 12.863 | 202  | 1718085  | 68.126 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 633516   | 77.349 | ng    | 97       |
| 81) Benzo(a)anthracene        | 14.057 | 228  | 1449801  | 73.238 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 461359   | 76.476 | ng    | 98       |
| 83) Chrysene                  | 14.092 | 228  | 1349286  | 73.645 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 749327   | 75.897 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 1370760  | 84.532 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 1786876  | 81.478 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 1431875  | 69.645 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 1362026  | 71.595 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 1321893  | 74.151 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.080 | 278  | 1391562  | 78.895 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 1451721  | 82.305 | ng    | 98       |

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

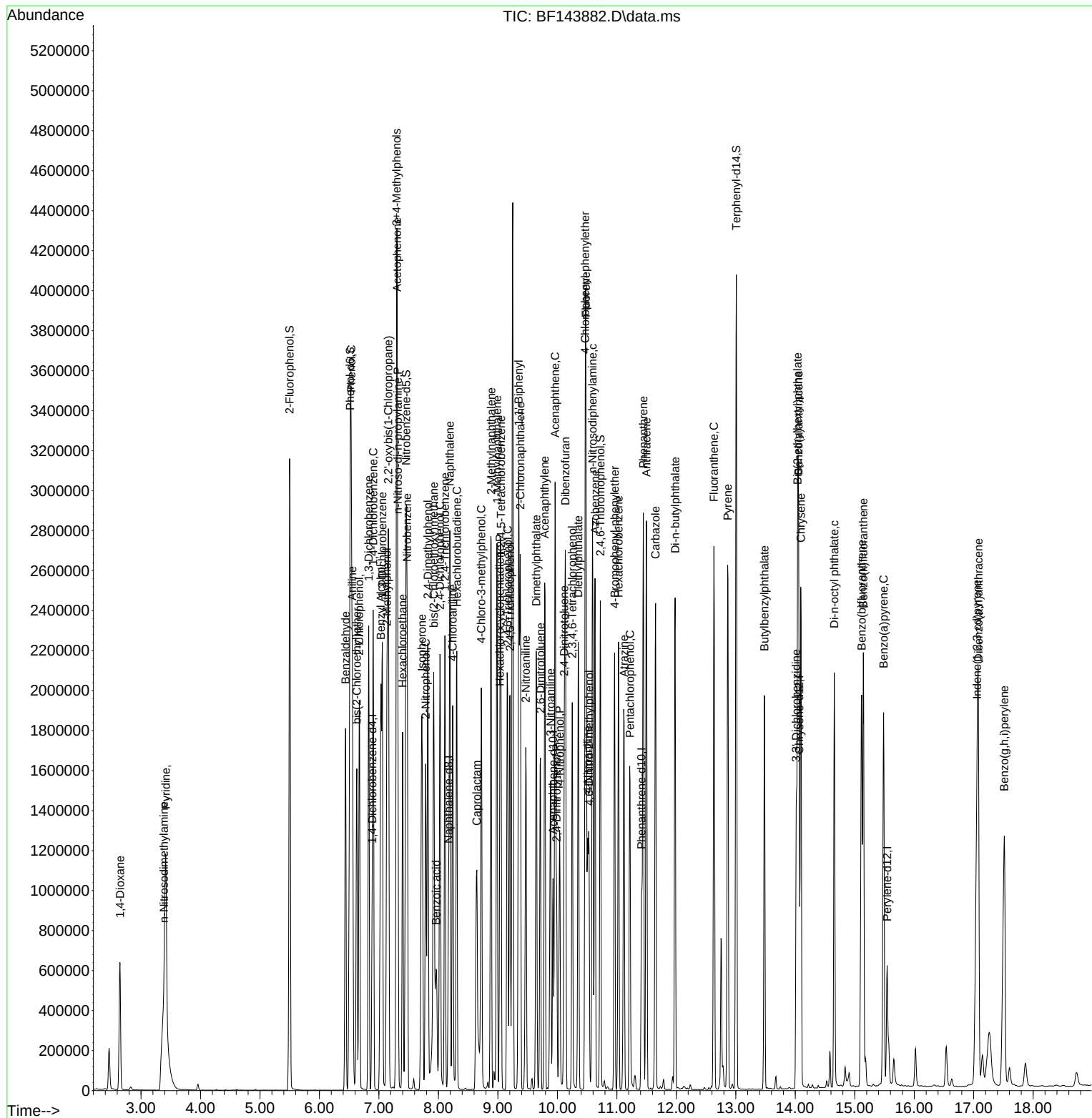
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\  
Data File : BF143882.D  
Acq On    : 06 Oct 2025  14:22  
Operator  : RC/JU  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
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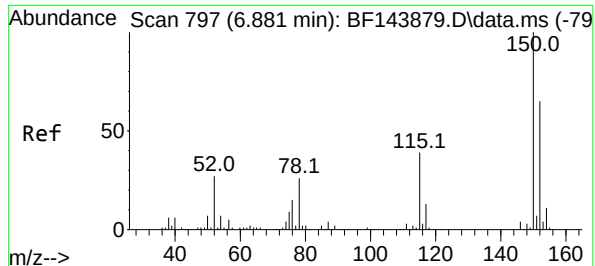
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC080

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 15:39:02 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration





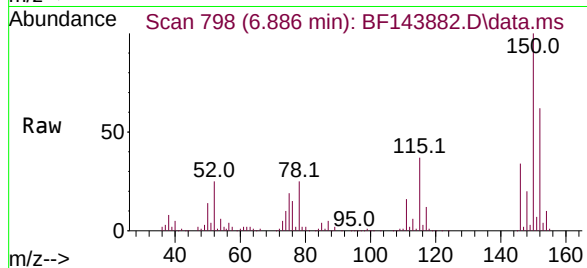
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

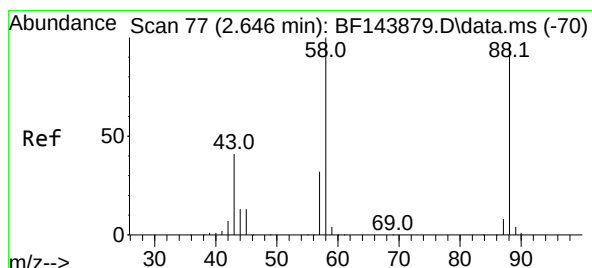
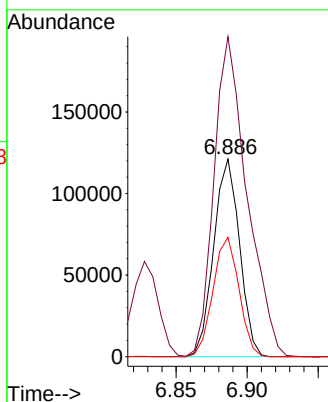
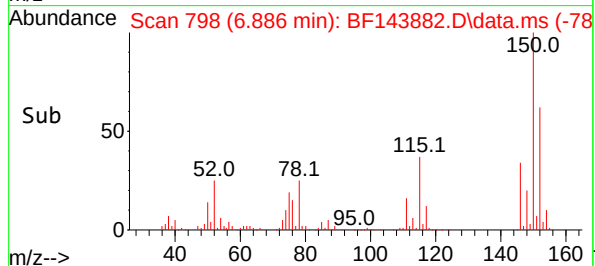


Tgt Ion:152 Resp: 153550  
Ion Ratio Lower Upper  
152 100  
150 162.0 124.4 186.6  
115 60.3 48.1 72.1

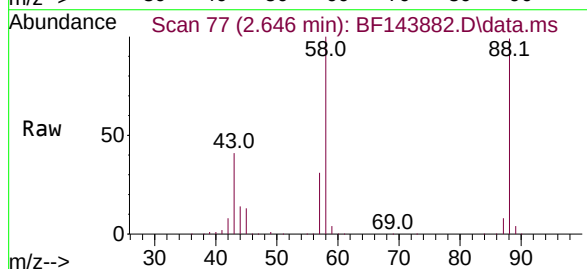
Manual Integrations

APPROVED

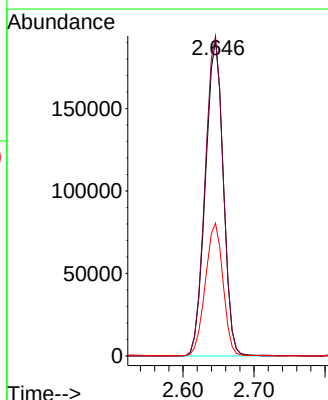
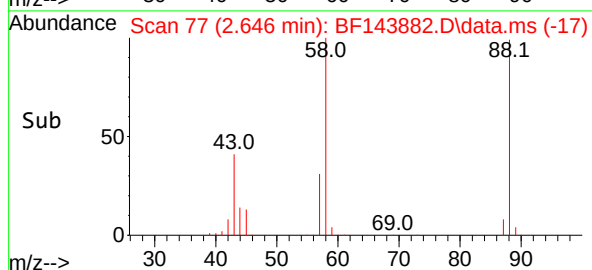
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



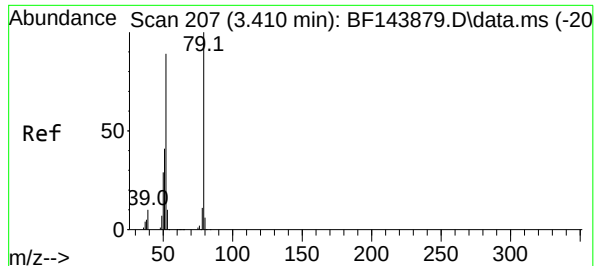
#2  
1,4-Dioxane  
Concen: 74.672 ng  
RT: 2.646 min Scan# 77  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion: 88 Resp: 334123  
Ion Ratio Lower Upper  
88 100  
58 102.1 83.0 124.6  
43 41.3 33.9 50.9

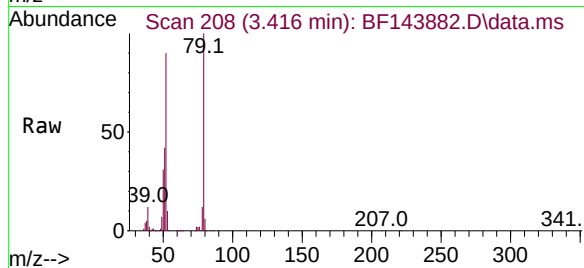






#3  
Pyridine  
Concen: 77.503 ng  
RT: 3.416 min Scan# 207  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

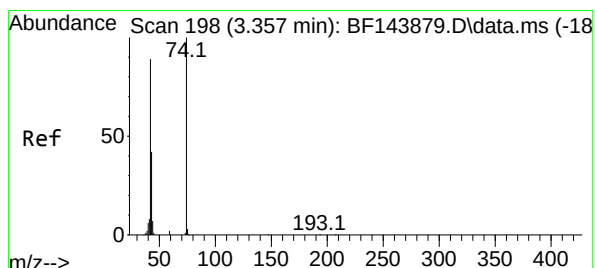
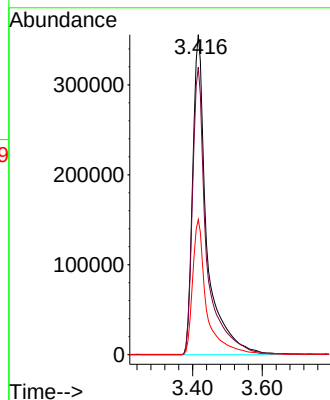
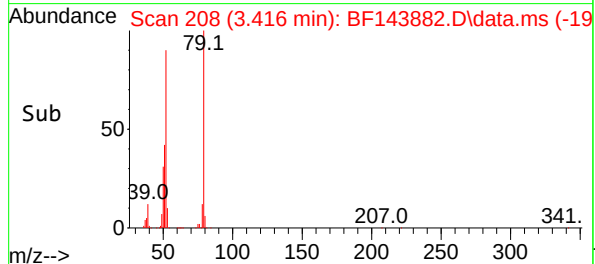
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 79 Resp: 100955  
Ion Ratio Lower Upper  
79 100  
52 89.8 71.5 107.3  
51 42.2 32.9 49.3

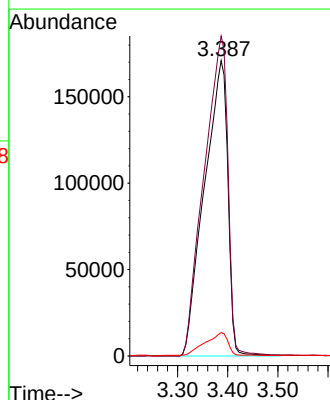
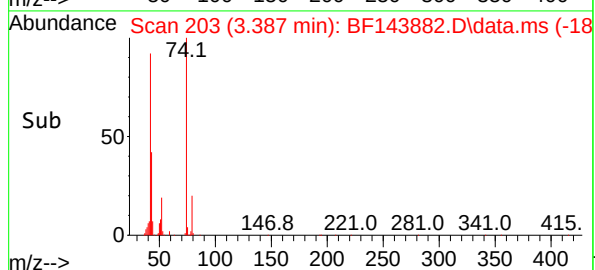
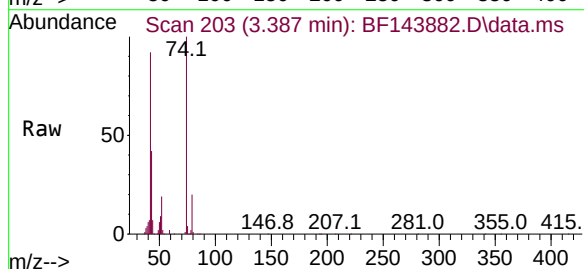
Manual Integrations  
APPROVED

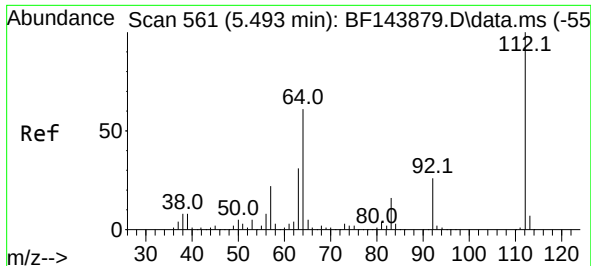
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#4  
n-Nitrosodimethylamine  
Concen: 80.653 ng  
RT: 3.387 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion: 42 Resp: 552664  
Ion Ratio Lower Upper  
42 100  
74 108.4 90.0 135.0  
44 7.9 6.2 9.2





#5  
2-Fluorophenol  
Concen: 137.113 ng  
RT: 5.498 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

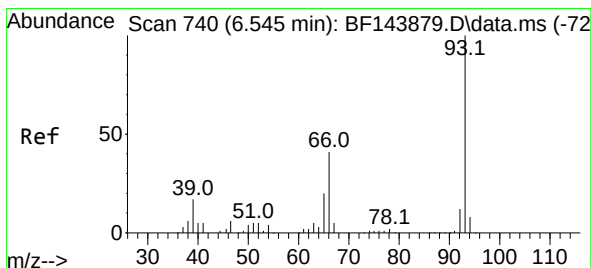
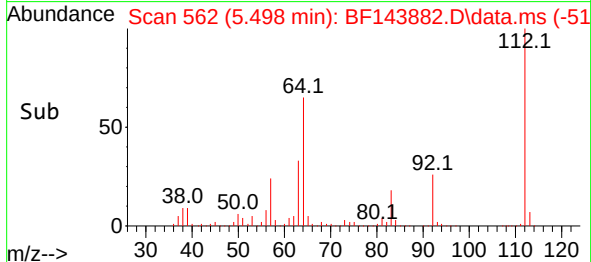
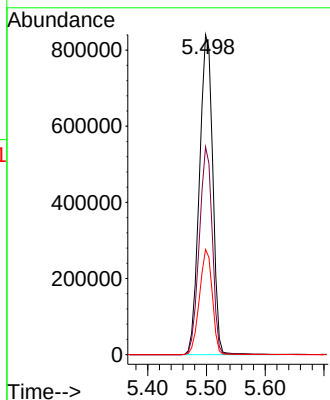
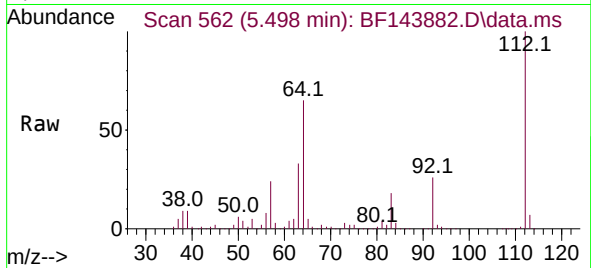
SSTDICC080

Tgt Ion:112 Resp: 1325806  
Ion Ratio Lower Upper  
112 100  
64 64.9 49.1 73.7  
63 32.9 24.5 36.7

Manual Integrations

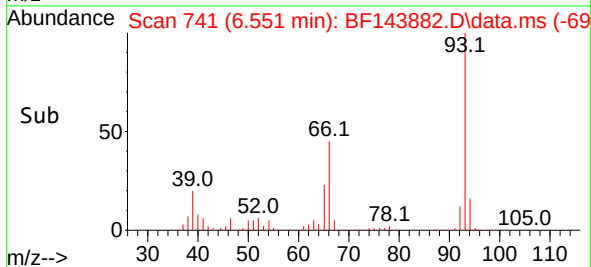
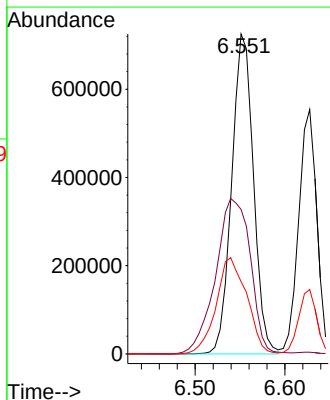
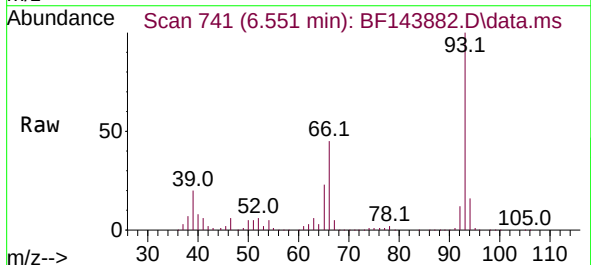
APPROVED

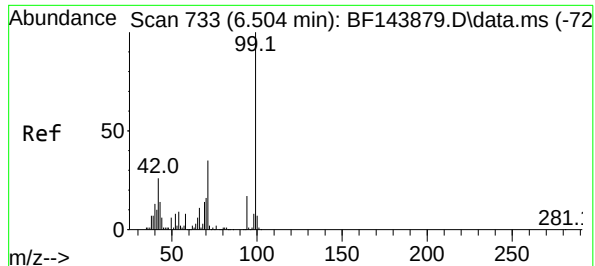
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#6  
Aniline  
Concen: 71.012 ng  
RT: 6.551 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

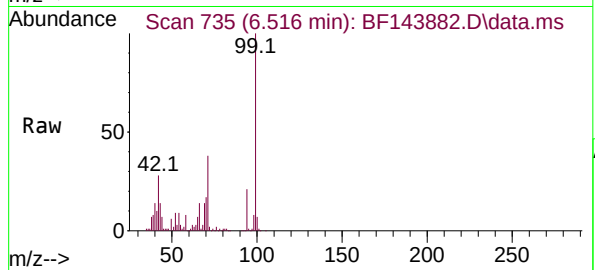
Tgt Ion: 93 Resp: 1226438  
Ion Ratio Lower Upper  
93 100  
66 45.1 33.0 49.6  
65 22.6 15.8 23.8





#7  
Phenol-d6  
Concen: 140.374 ng  
RT: 6.516 min Scan# 735  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

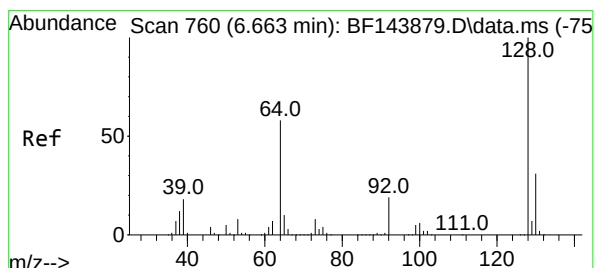
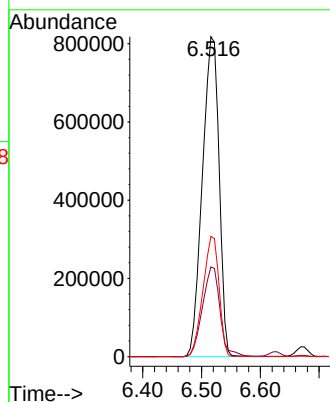
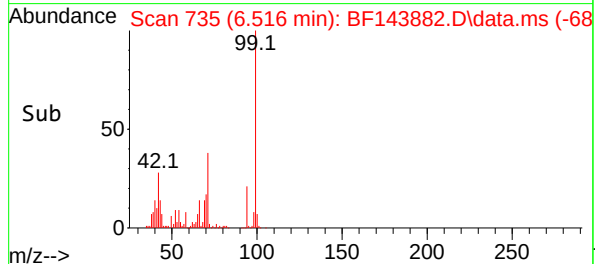
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 99 Resp: 1617892  
Ion Ratio Lower Upper  
99 100  
42 28.0 21.0 31.4  
71 37.6 27.8 41.8

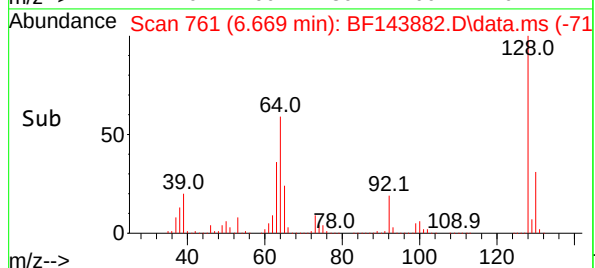
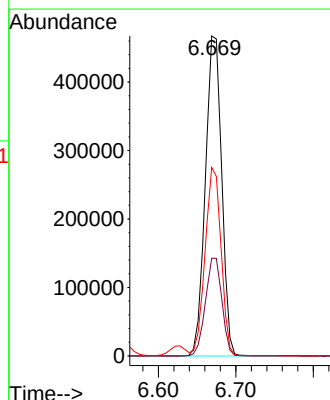
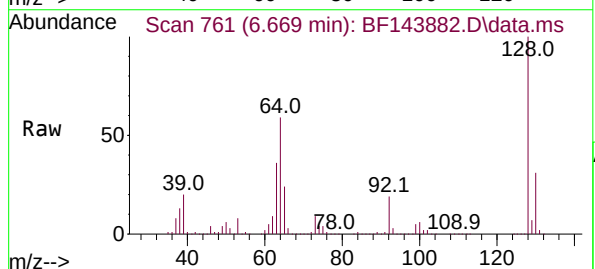
Manual Integrations  
APPROVED

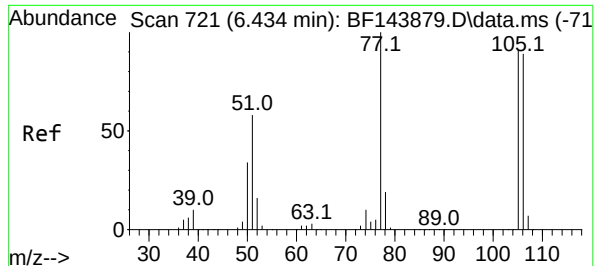
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#8  
2-Chlorophenol  
Concen: 72.356 ng  
RT: 6.669 min Scan# 761  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:128 Resp: 683900  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.7 50.7  
64 58.9 39.0 79.0





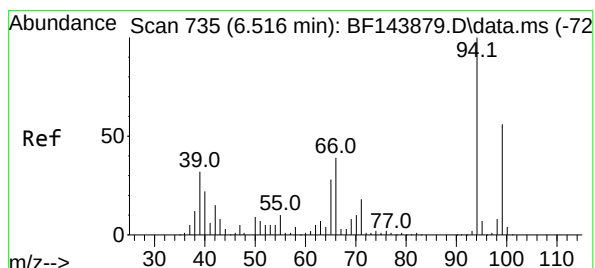
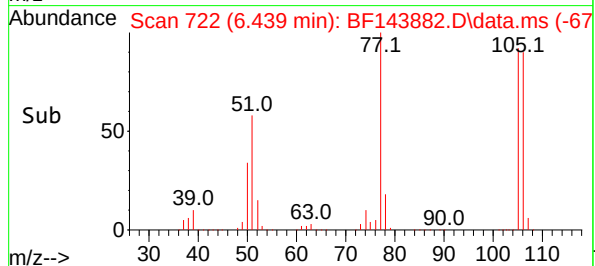
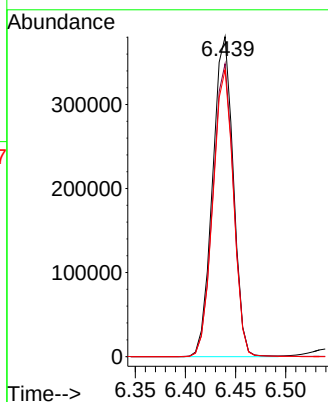
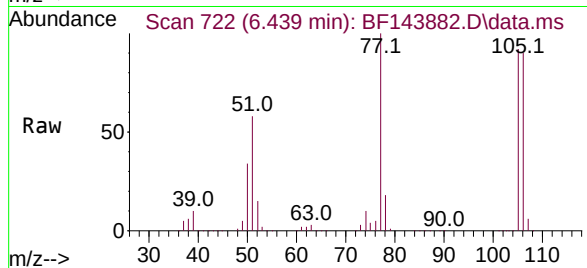
#9  
Benzaldehyde  
Concen: 61.507 ng  
RT: 6.439 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion: 77 Resp: 546849  
Ion Ratio Lower Upper  
77 100  
105 91.5 70.9 110.9  
106 89.6 68.9 108.9

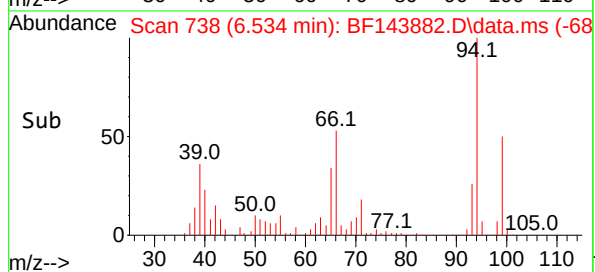
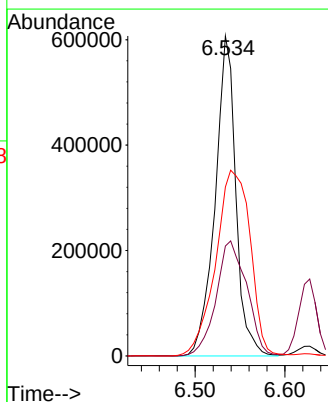
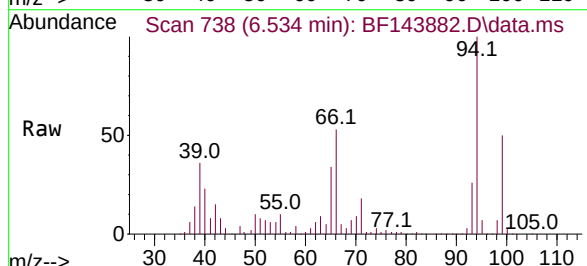
Manual Integrations  
APPROVED

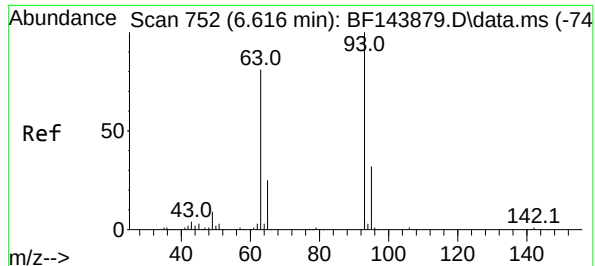
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#10  
Phenol  
Concen: 70.844 ng  
RT: 6.534 min Scan# 738  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

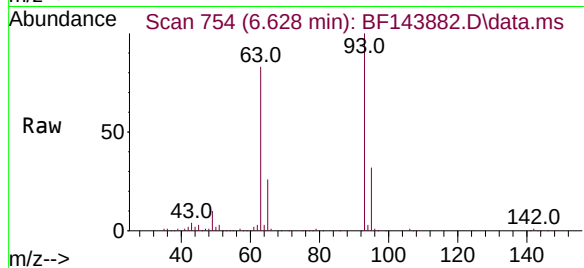
Tgt Ion: 94 Resp: 976173  
Ion Ratio Lower Upper  
94 100  
65 34.4 8.5 48.5  
66 52.8 19.9 59.9





#11  
bis(2-Chloroethyl)ether  
Concen: 71.438 ng  
RT: 6.628 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

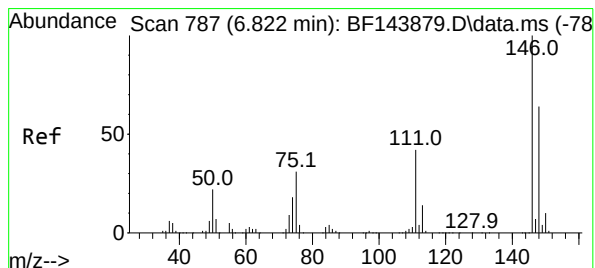
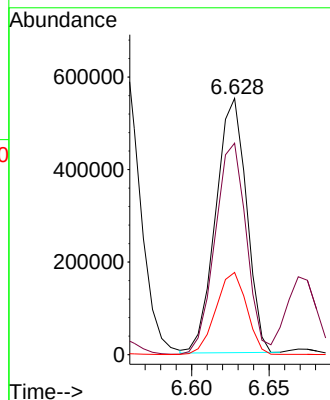
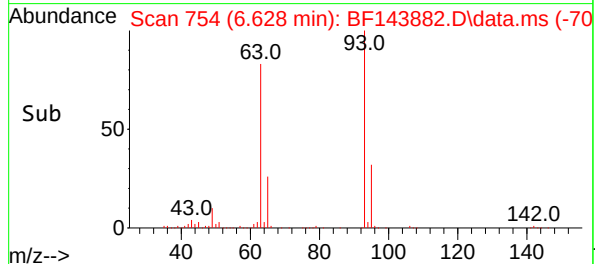
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion: 93 Resp: 760388  
Ion Ratio Lower Upper  
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63 82.5 60.9 100.9  
95 32.0 11.5 51.5

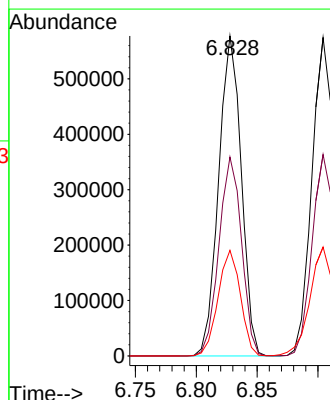
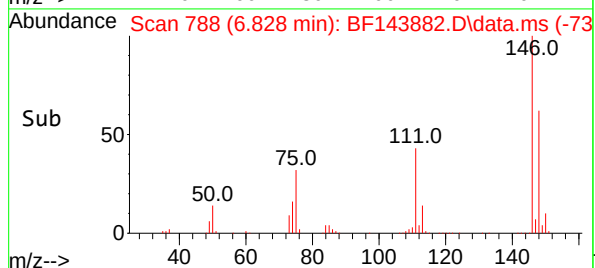
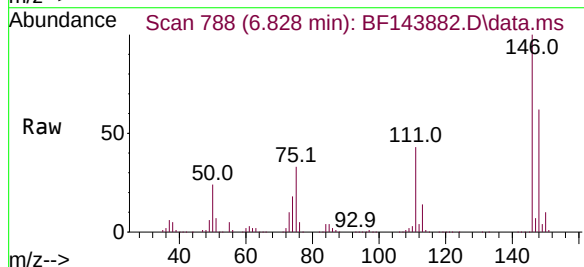
Manual Integrations  
APPROVED

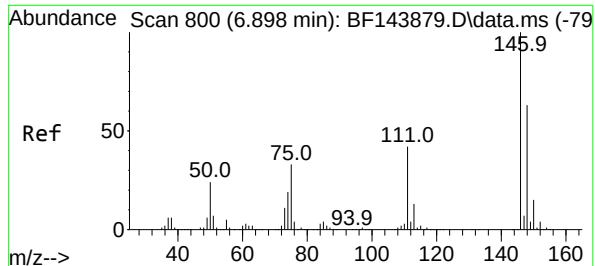
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 65.969 ng  
RT: 6.828 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:146 Resp: 746378  
Ion Ratio Lower Upper  
146 100  
148 62.1 51.0 76.4  
75 33.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 65.228 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 727973

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

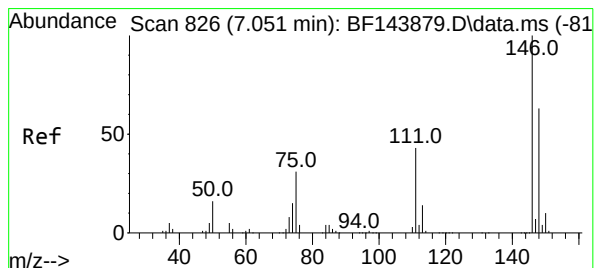
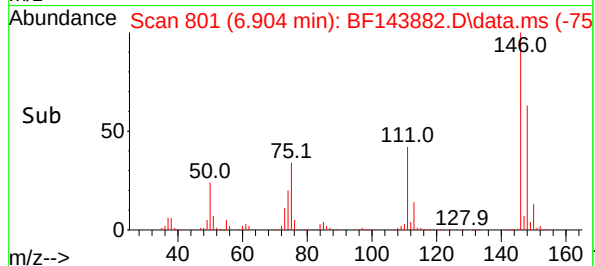
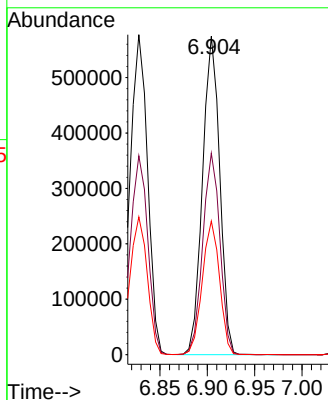
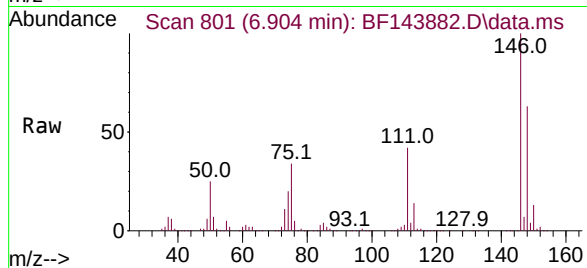
111 42.0 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 66.244 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

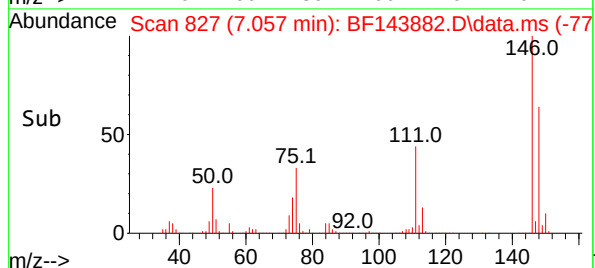
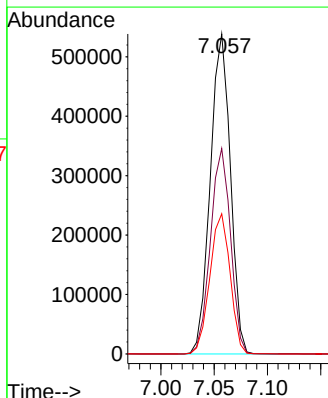
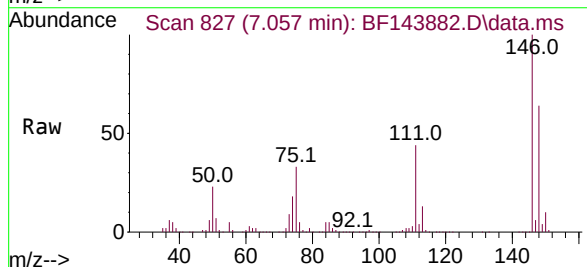
Tgt Ion:146 Resp: 708144

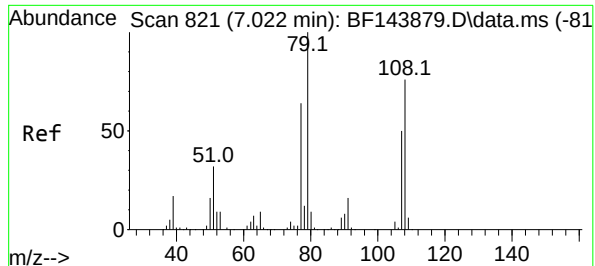
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

111 43.8 34.6 51.8





#15

Benzyl Alcohol

Concen: 76.926 ng

RT: 7.034 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 664305

Ion Ratio Lower Upper

79 100

108 73.0 60.8 91.2

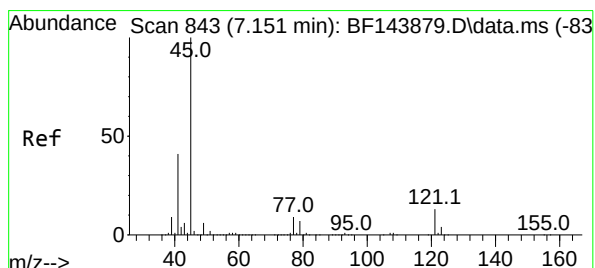
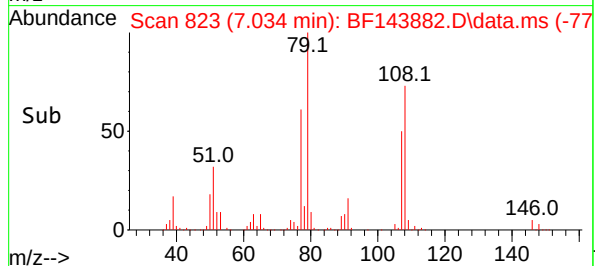
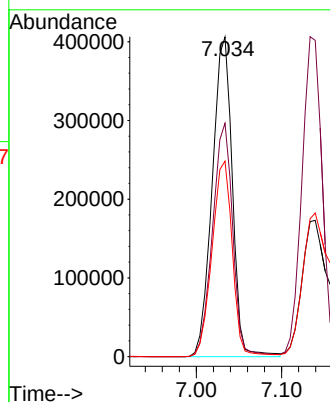
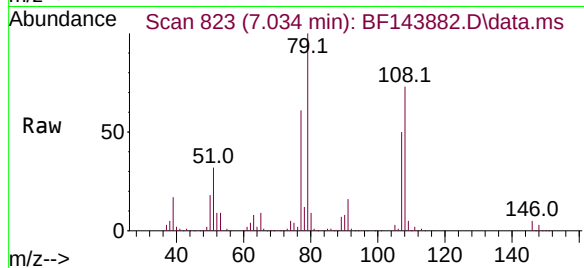
77 61.1 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.951 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

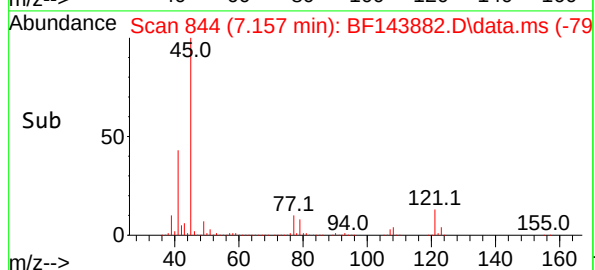
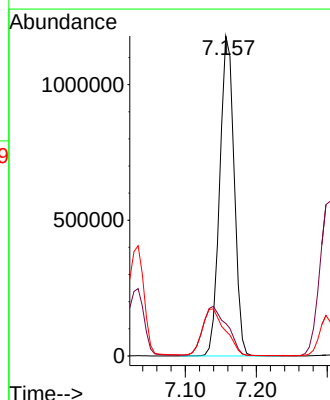
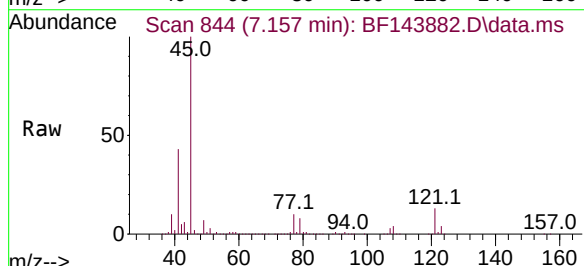
Tgt Ion: 45 Resp: 1670583

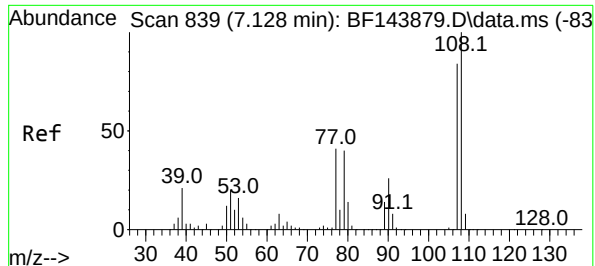
Ion Ratio Lower Upper

45 100

77 10.1 0.0 29.0

79 7.8 0.0 26.8





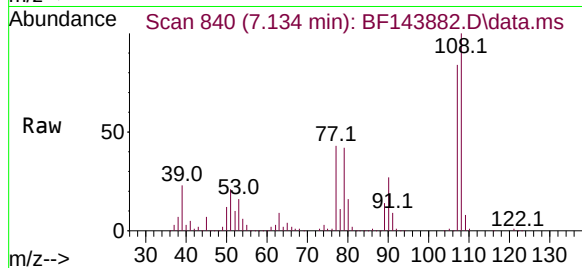
#17  
2-Methylphenol  
Concen: 72.921 ng  
RT: 7.134 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

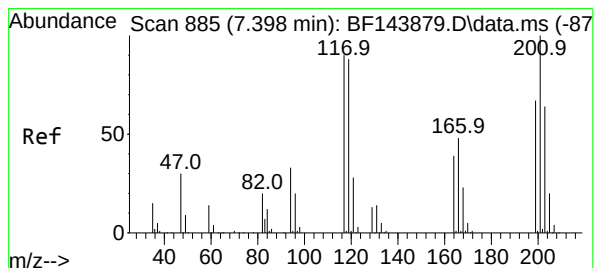
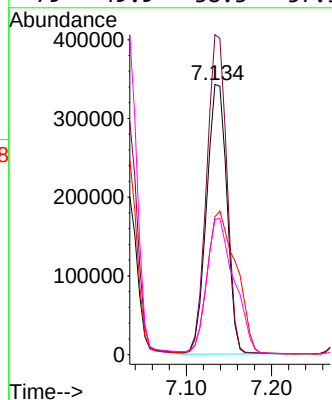
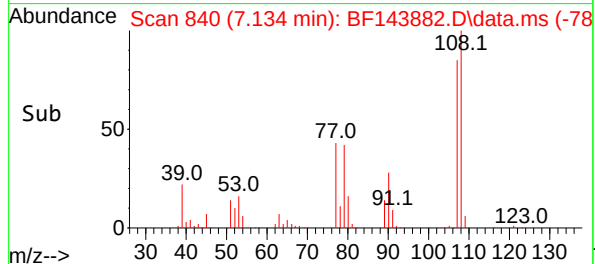
SSTDICC080



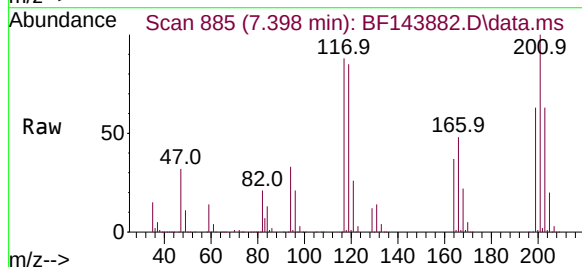
Tgt Ion:107 Resp: 569618  
Ion Ratio Lower Upper  
107 100  
108 118.5 94.7 142.1  
77 51.0 38.8 58.2  
79 49.9 38.3 57.5

Manual Integrations  
APPROVED

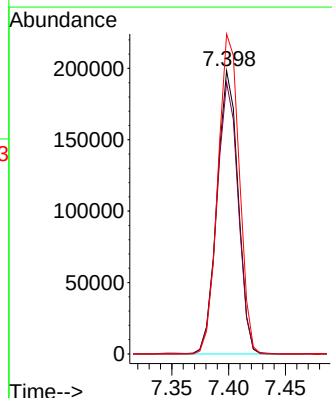
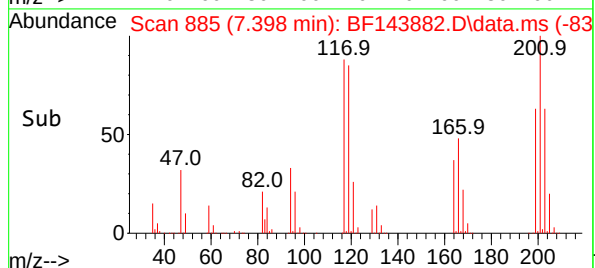
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



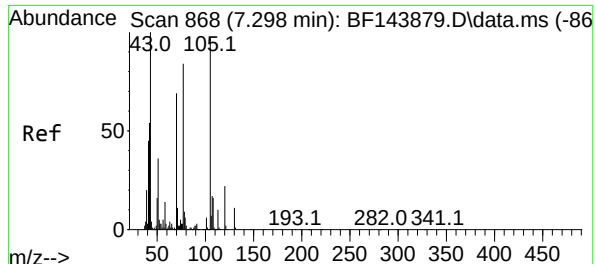
#18  
Hexachloroethane  
Concen: 68.827 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:117 Resp: 256173  
Ion Ratio Lower Upper  
117 100  
119 95.8 77.8 116.8  
201 113.0 88.5 132.7

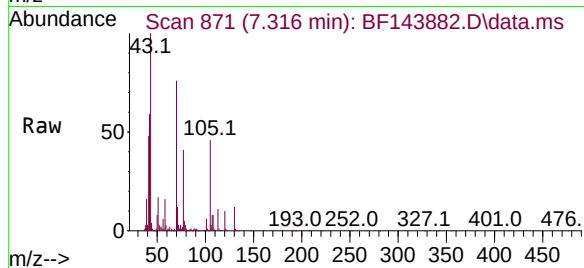






#19  
n-Nitroso-di-n-propylamine  
Concen: 70.978 ng  
RT: 7.316 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

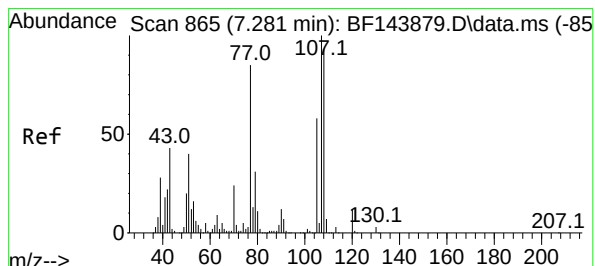
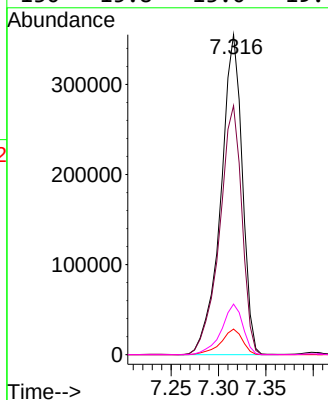
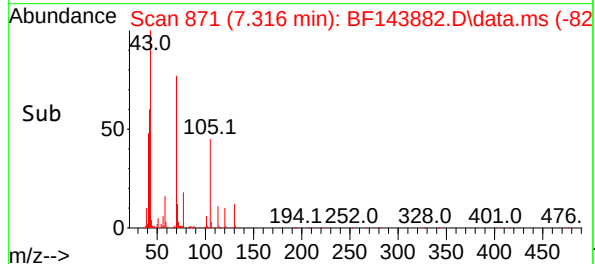
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



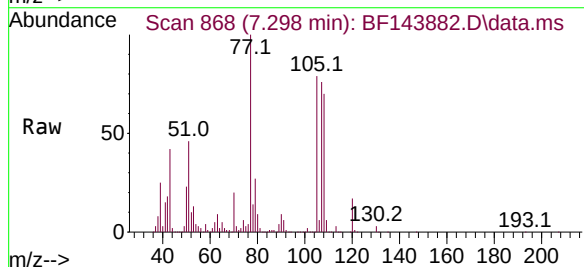
Tgt Ion: 70 Resp: 559962  
Ion Ratio Lower Upper  
70 100  
42 77.8 62.8 94.2  
101 8.0 6.7 10.1  
130 15.8 13.0 19.4

Manual Integrations  
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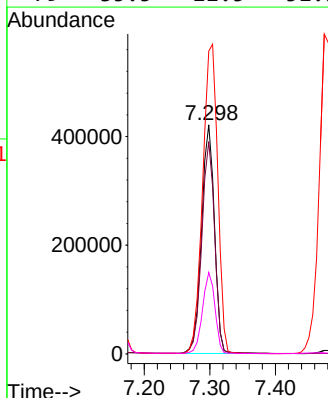
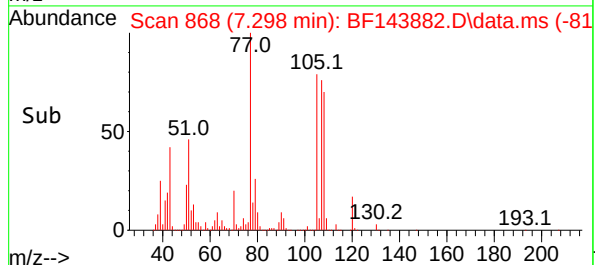
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

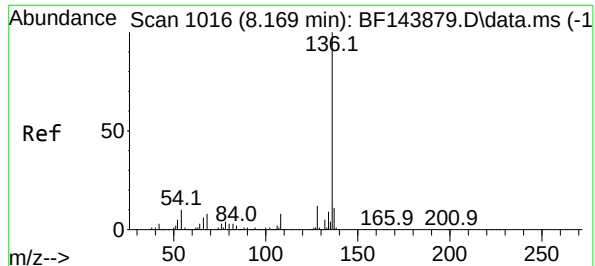


#20  
3+4-Methylphenols  
Concen: 63.295 ng  
RT: 7.298 min Scan# 868  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



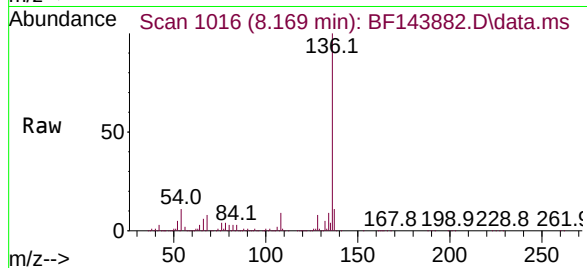
Tgt Ion:107 Resp: 573027  
Ion Ratio Lower Upper  
107 100  
108 92.7 73.0 113.0  
77 132.3 64.6 104.6#  
79 35.5 11.5 51.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1016  
Delta R.T. -0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

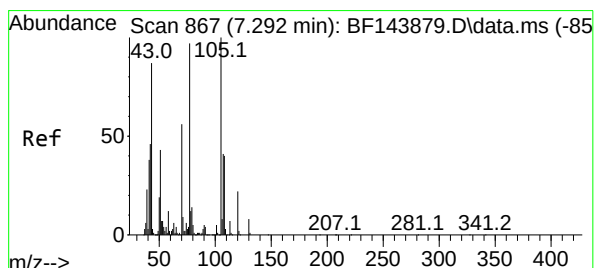
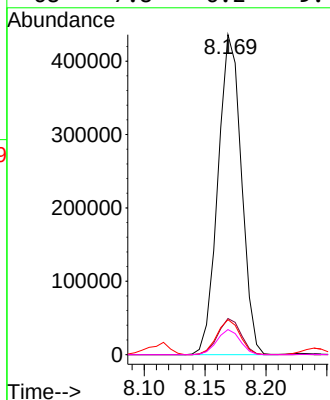
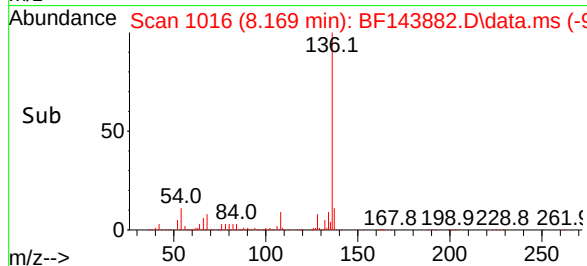
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:136 Resp: 584564  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.5 12.7  
54 10.9 8.2 12.4  
68 7.8 6.2 9.4

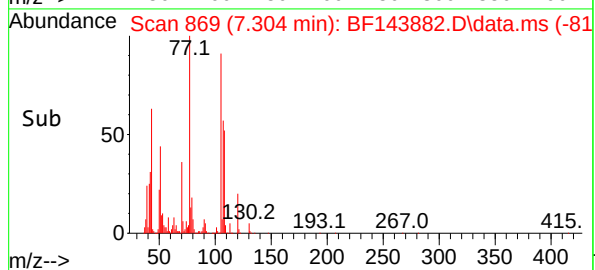
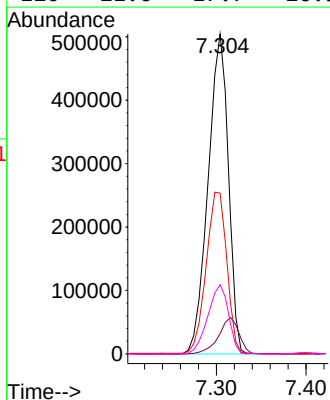
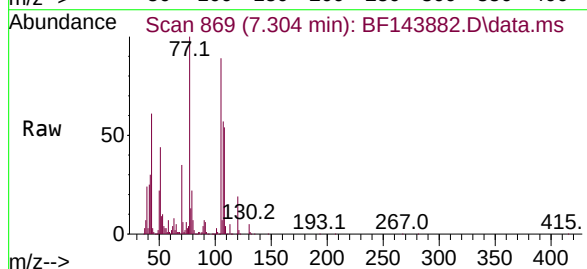
Manual Integrations  
APPROVED

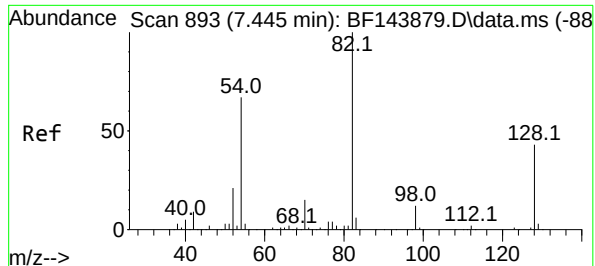
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#22  
Acetophenone  
Concen: 64.345 ng  
RT: 7.304 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:105 Resp: 795315  
Ion Ratio Lower Upper  
105 100  
71 6.3 7.4 11.0#  
51 50.2 34.2 51.4  
120 21.6 17.7 26.5





#23

Nitrobenzene-d5

Concen: 149.259 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1436124

Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

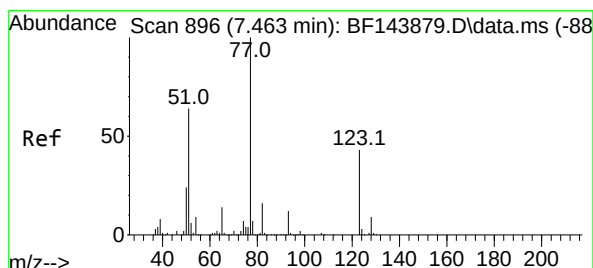
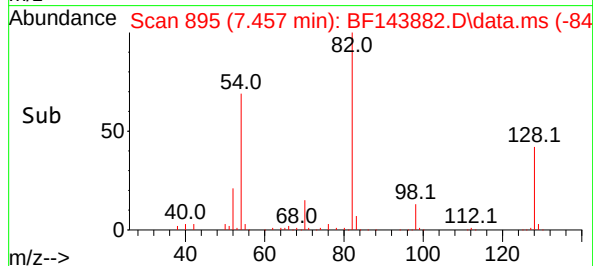
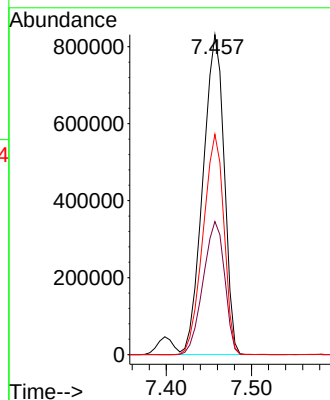
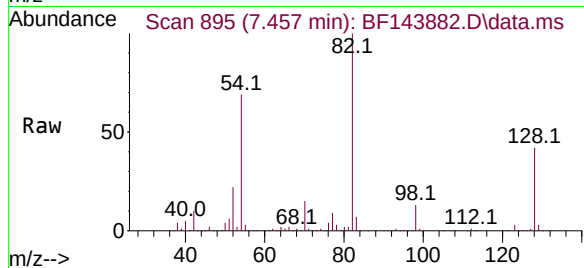
54 68.8 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 74.900 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

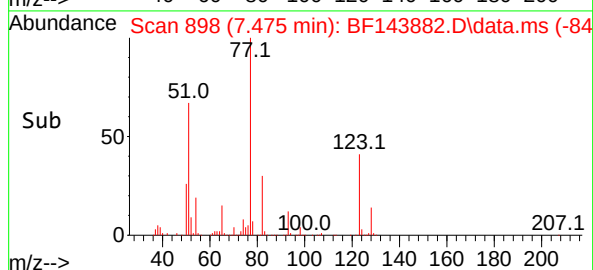
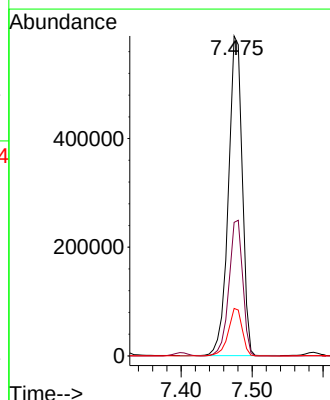
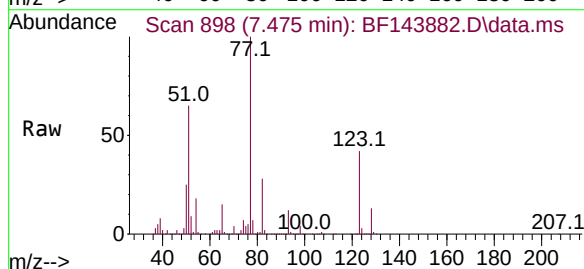
Tgt Ion: 77 Resp: 800306

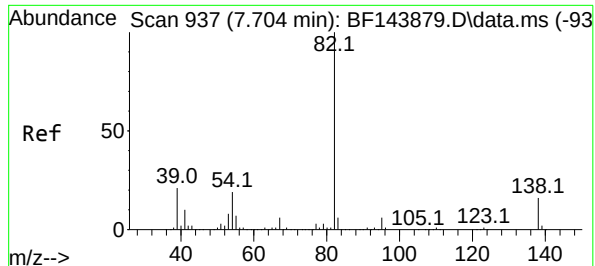
Ion Ratio Lower Upper

77 100

123 41.7 34.2 51.4

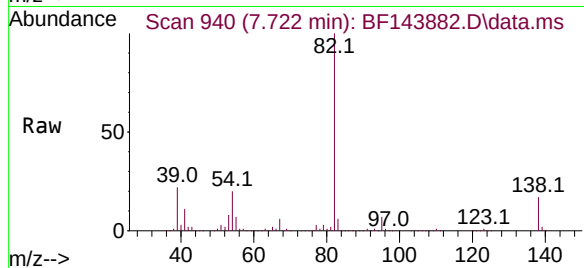
65 14.8 11.0 16.6





#25  
Isophorone  
Concen: 75.651 ng  
RT: 7.722 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

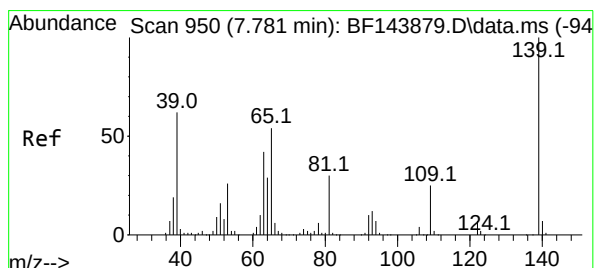
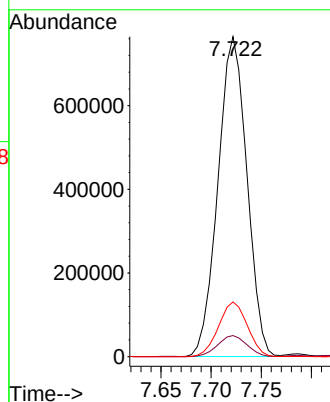
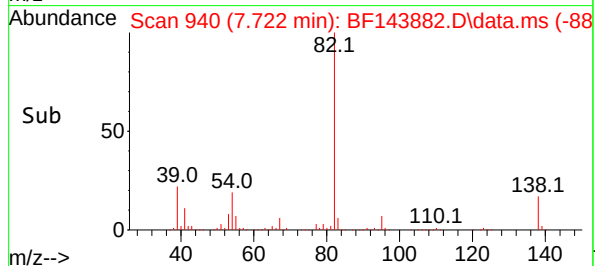
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



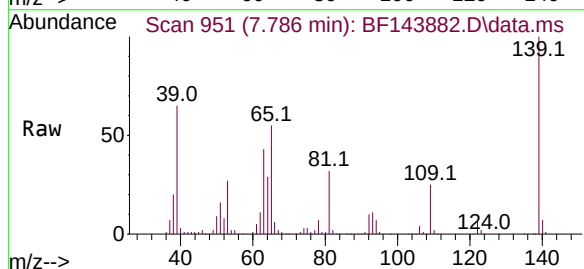
Tgt Ion: 82 Resp: 153478  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.1 7.7  
138 17.1 12.9 19.3

Manual Integrations  
APPROVED

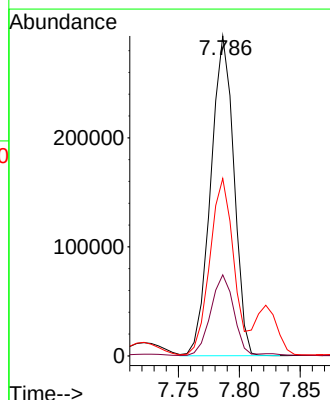
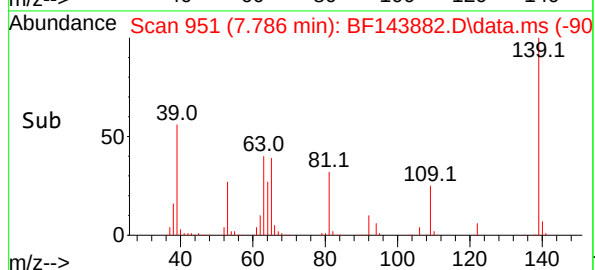
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

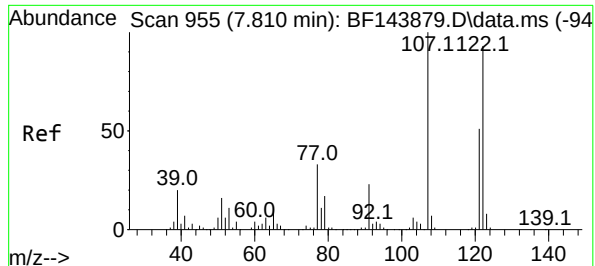


#26  
2-Nitrophenol  
Concen: 84.948 ng  
RT: 7.786 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:139 Resp: 389145  
Ion Ratio Lower Upper  
139 100  
109 25.3 19.8 29.6  
65 55.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 74.828 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 616626

Ion Ratio Lower Upper

122 100

107 108.9 86.1 129.1

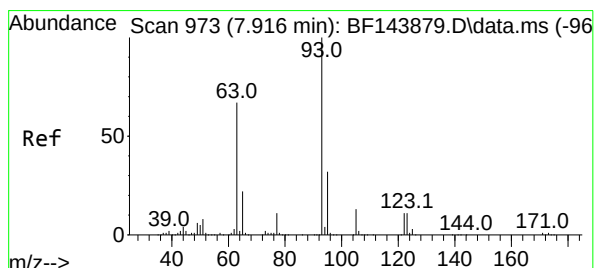
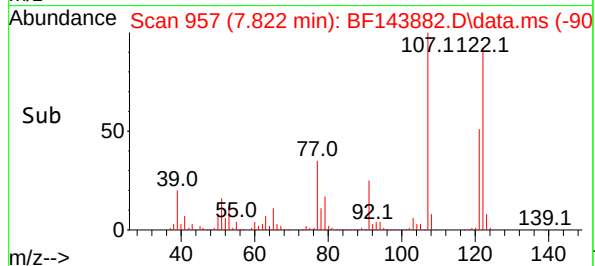
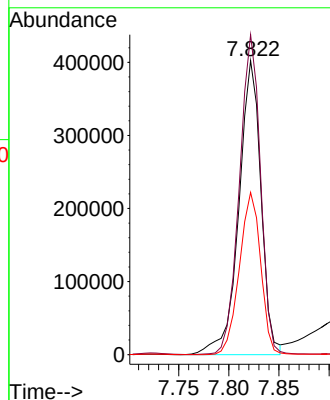
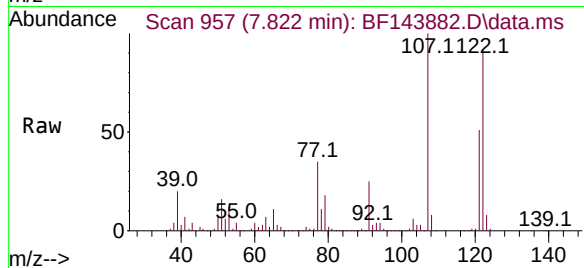
121 55.2 43.8 65.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 69.328 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

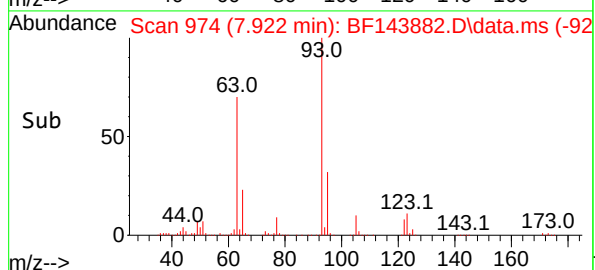
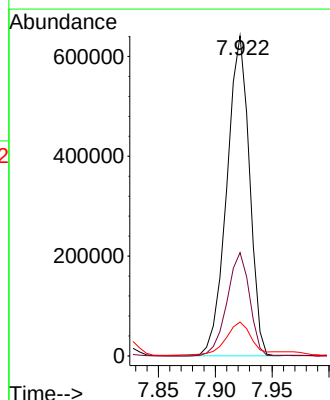
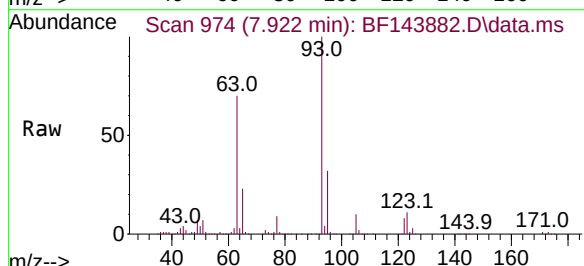
Tgt Ion: 93 Resp: 888473

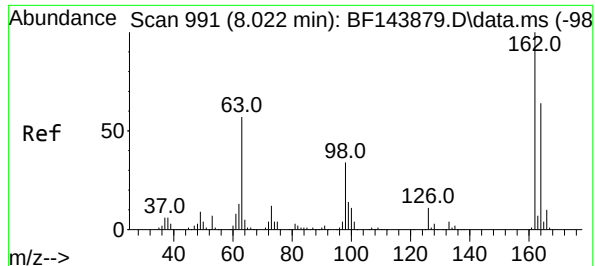
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 72.318 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 620755

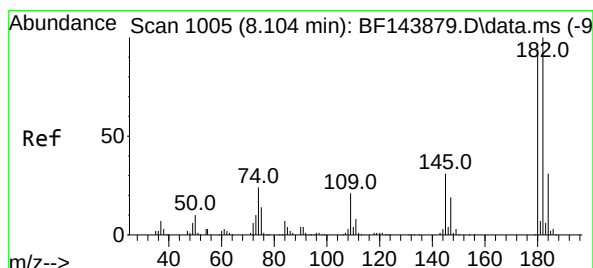
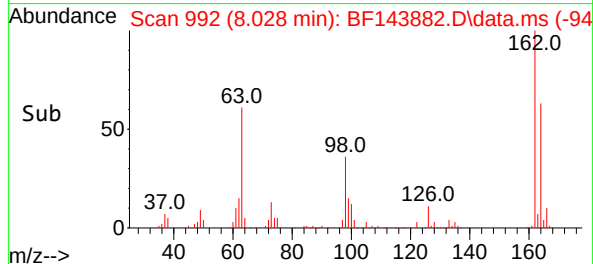
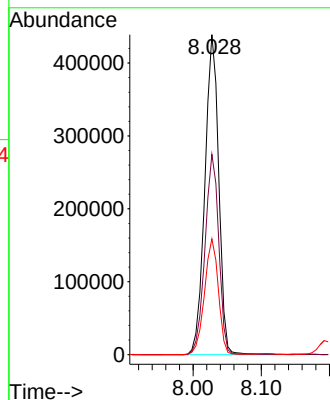
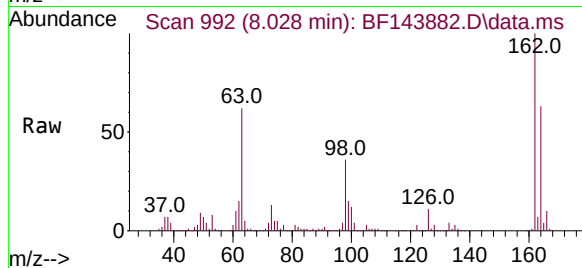
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 62.6  | 43.9  | 83.9  |
| 98  | 36.2  | 14.4  | 54.4  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 69.063 ng

RT: 8.110 min Scan# 1006

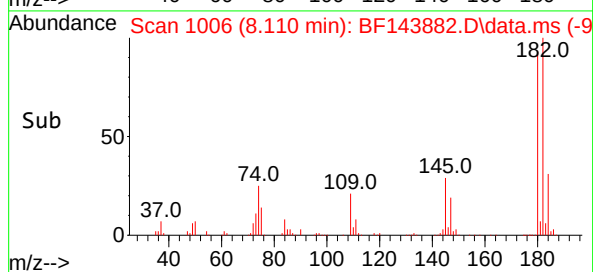
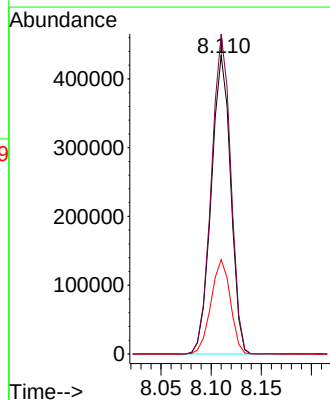
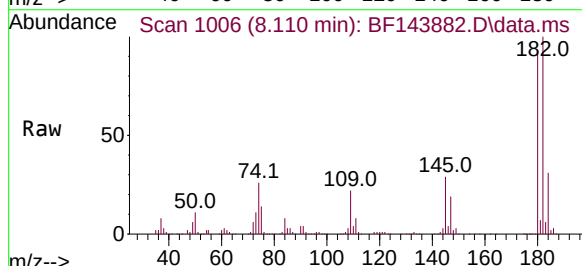
Delta R.T. 0.000 min

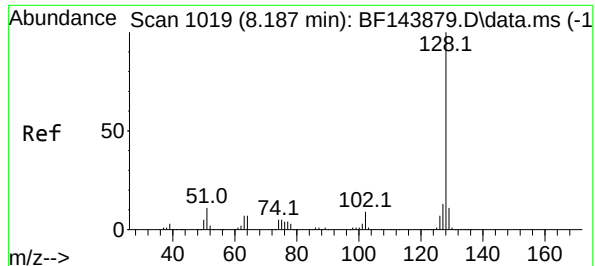
Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion:180 Resp: 583022

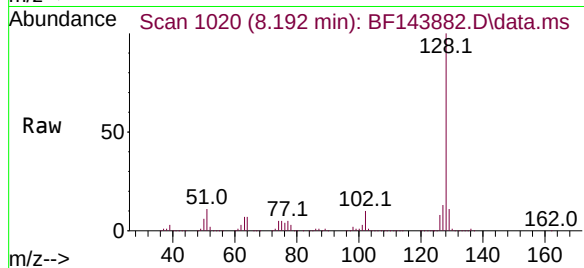
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 107.1 | 85.4  | 128.0 |
| 145 | 31.6  | 26.3  | 39.5  |





#31  
Naphthalene  
Concen: 64.341 ng  
RT: 8.192 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

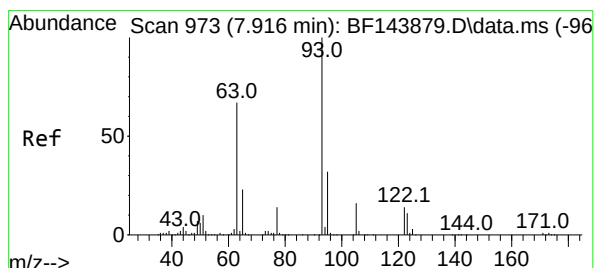
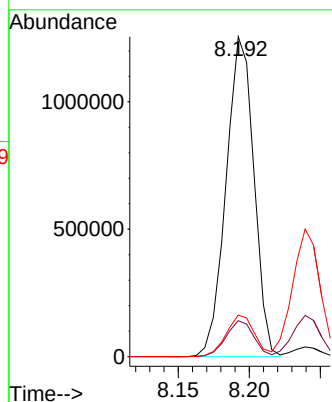
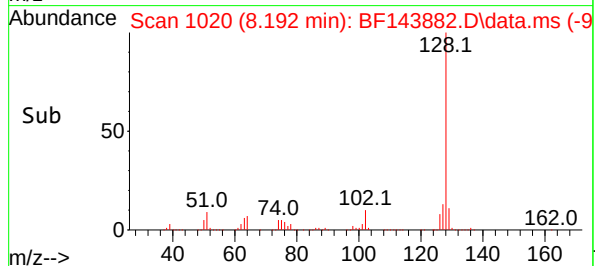
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:128 Resp: 1710914  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 13.0 10.0 15.0

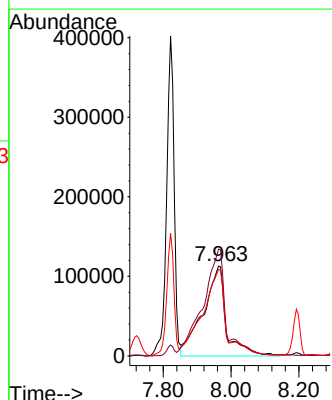
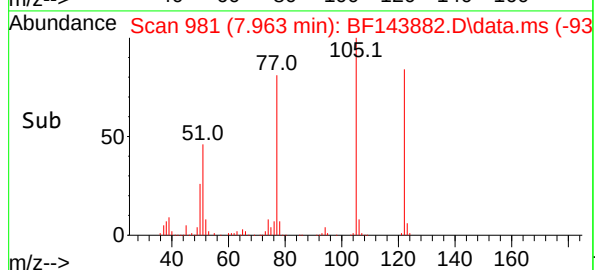
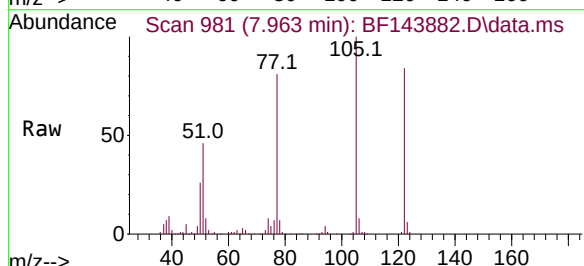
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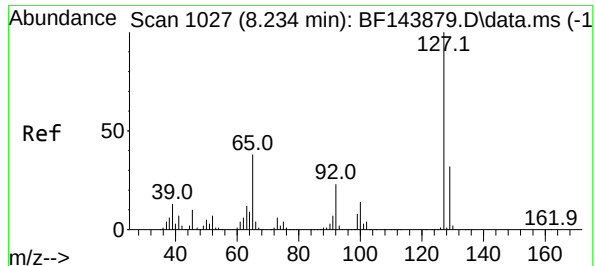
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#32  
Benzoic acid  
Concen: 94.587 ng m  
RT: 7.963 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:122 Resp: 539440  
Ion Ratio Lower Upper  
122 100  
105 118.9 93.5 133.5  
77 96.1 76.3 116.3





#33

4-Chloroaniline

Concen: 69.923 ng

RT: 8.239 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 697350

Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 39.2 30.0 45.0

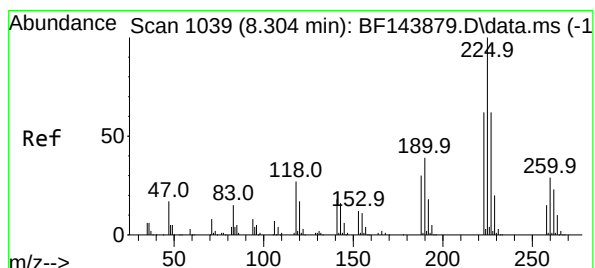
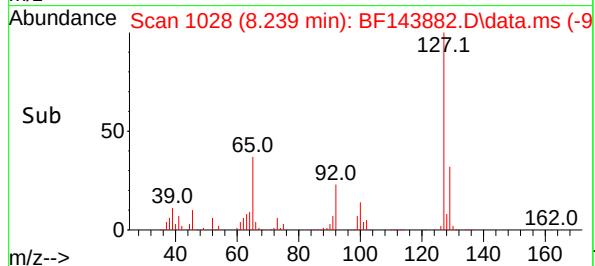
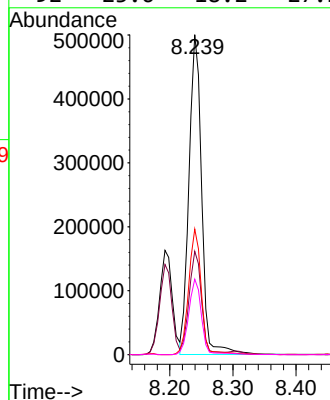
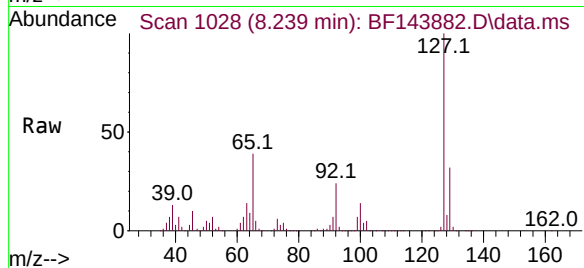
92 23.6 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 68.974 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

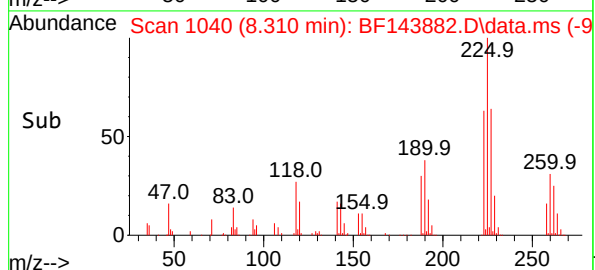
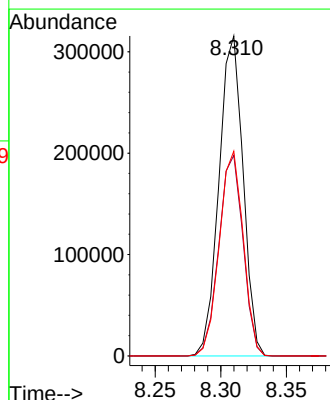
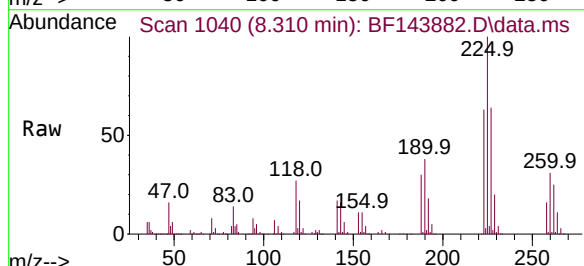
Tgt Ion:225 Resp: 404619

Ion Ratio Lower Upper

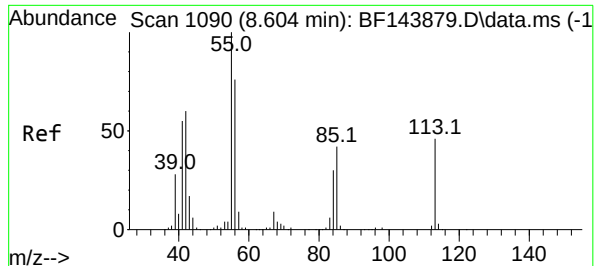
225 100

223 62.7 49.4 74.2

227 64.0 49.7 74.5

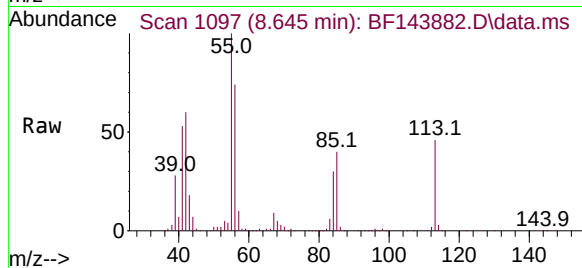






#35  
Caprolactam  
Concen: 80.169 ng  
RT: 8.645 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

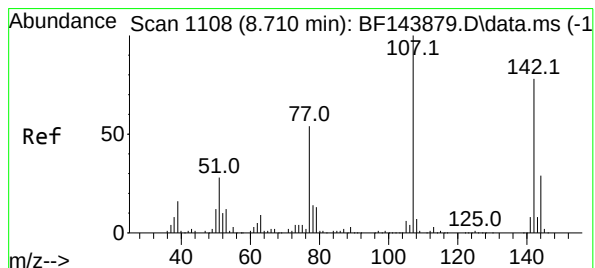
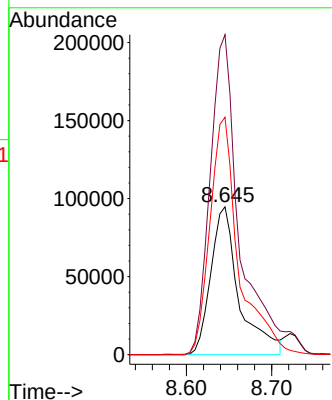
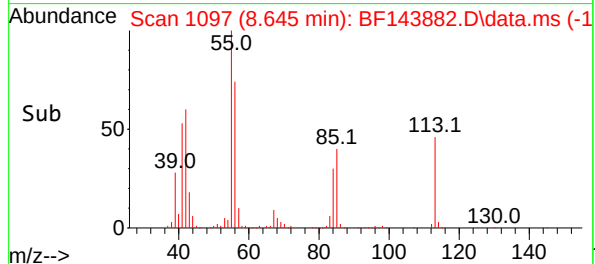
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:113 Resp: 21880  
Ion Ratio Lower Upper  
113 100  
55 216.6 199.6 239.6  
56 160.6 146.0 186.0

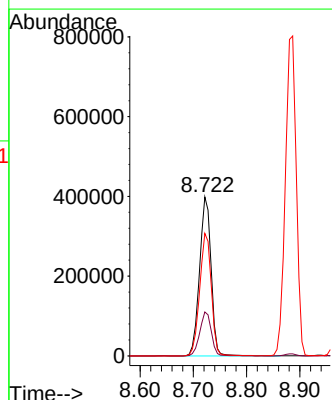
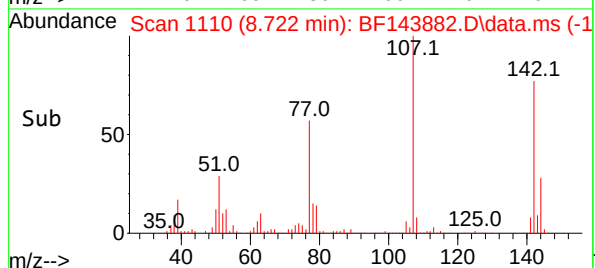
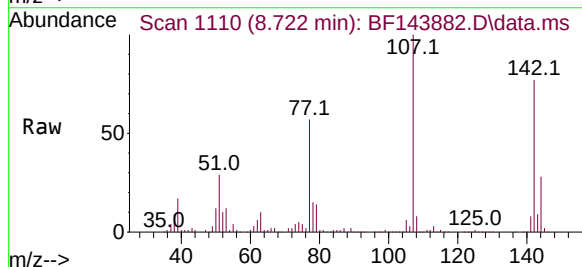
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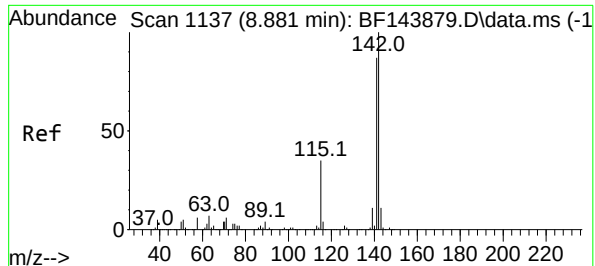
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 72.601 ng  
RT: 8.722 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:107 Resp: 598614  
Ion Ratio Lower Upper  
107 100  
144 27.6 23.1 34.7  
142 77.0 62.6 94.0





#37

2-Methylnaphthalene

Concen: 64.254 ng

RT: 8.886 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 1138146

Ion Ratio Lower Upper

142 100

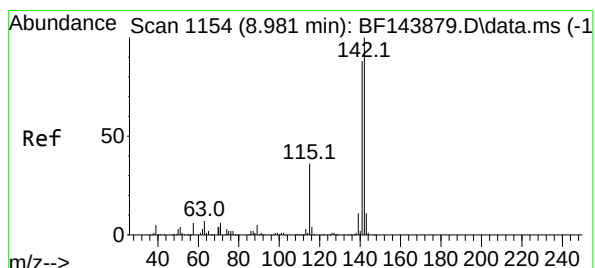
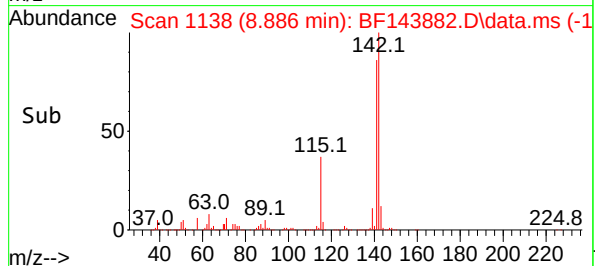
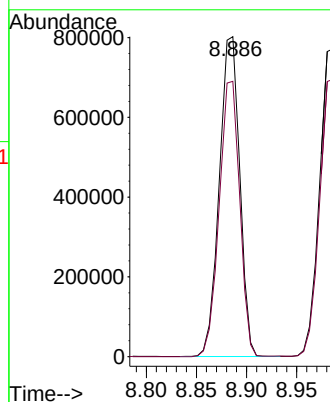
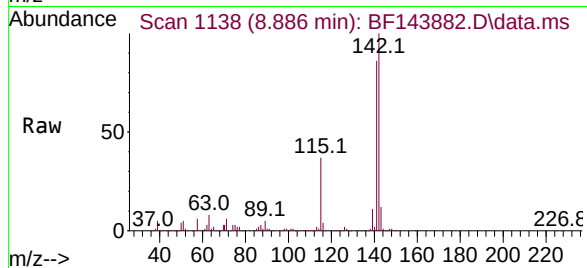
141 86.0 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 63.318 ng

RT: 8.986 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF143882.D

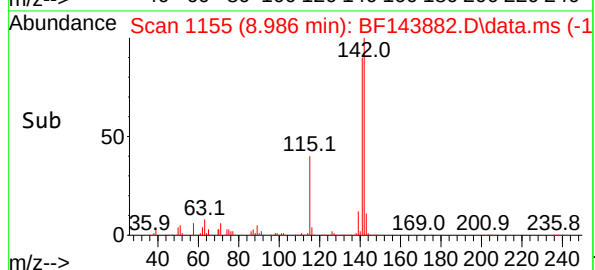
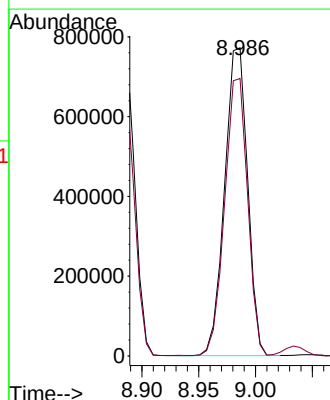
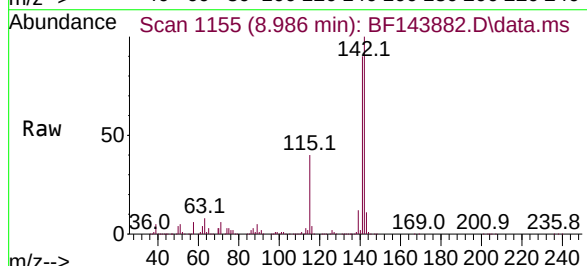
Acq: 06 Oct 2025 14:22

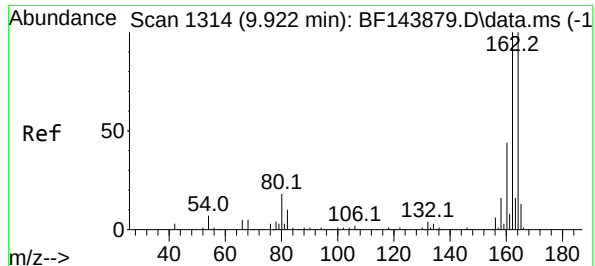
Tgt Ion:142 Resp: 1087879

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF143882.D

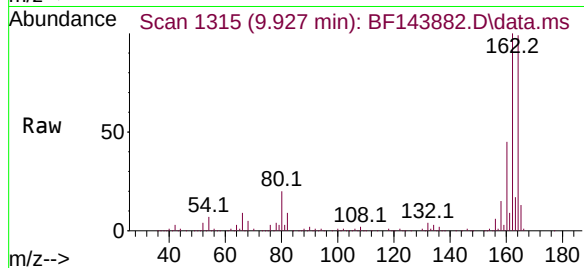
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 320335

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

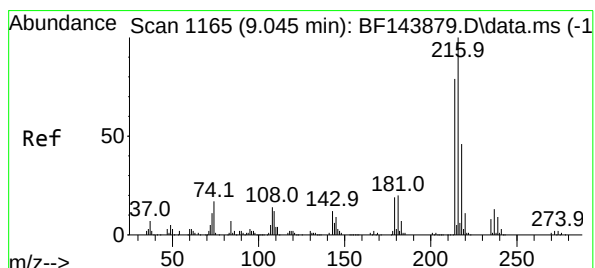
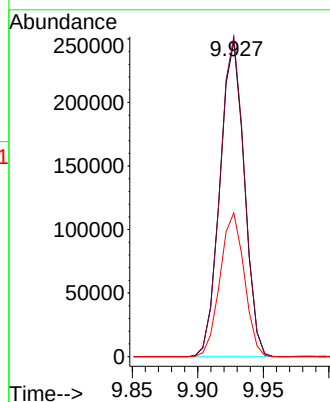
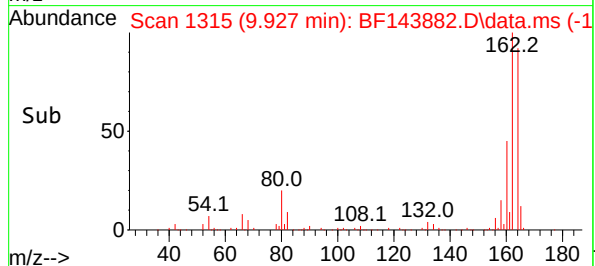
160 45.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

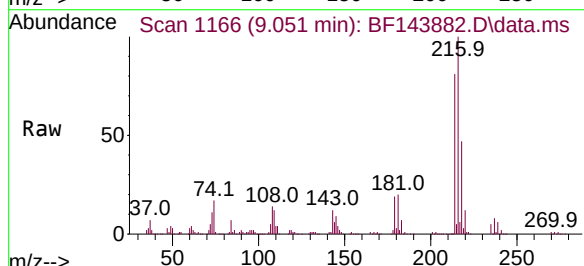
Concen: 67.166 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



Tgt Ion:216 Resp: 594660

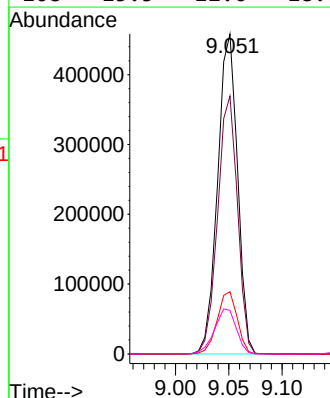
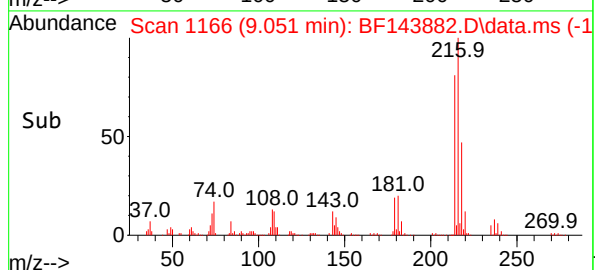
Ion Ratio Lower Upper

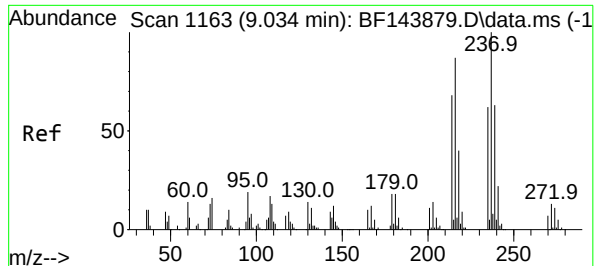
216 100

214 80.4 62.6 94.0

179 19.6 15.4 23.0

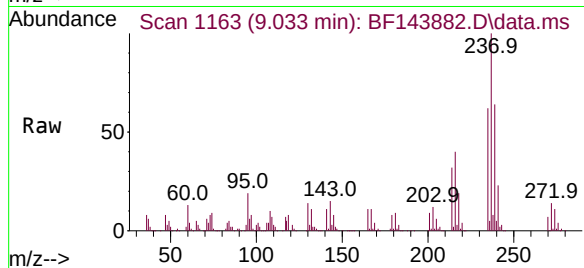
108 15.5 12.0 18.0





#41  
Hexachlorocyclopentadiene  
Concen: 81.998 ng  
RT: 9.033 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

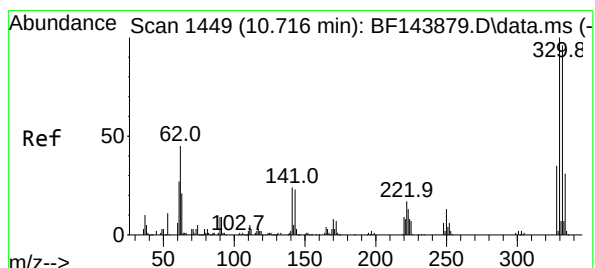
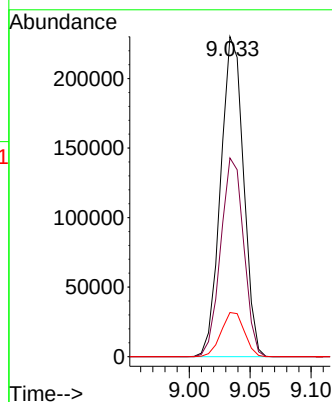
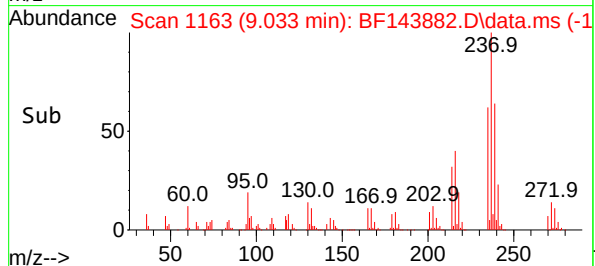
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:237 Resp: 301178  
Ion Ratio Lower Upper  
237 100  
235 62.1 42.3 82.3  
272 13.8 0.0 33.1

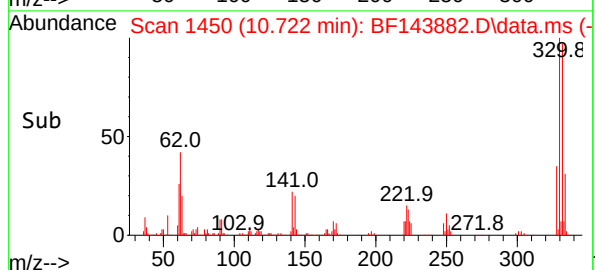
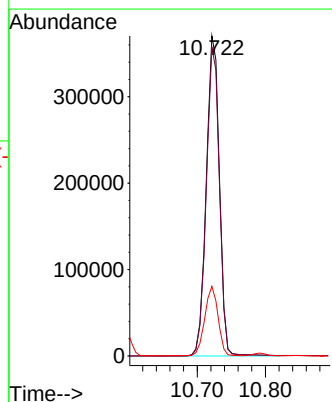
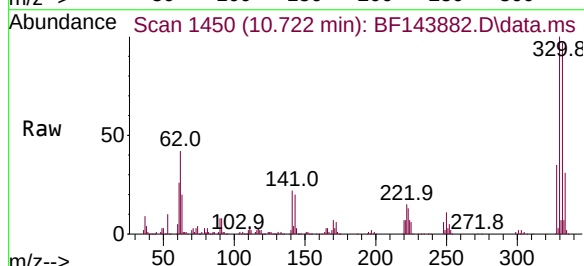
Manual Integrations  
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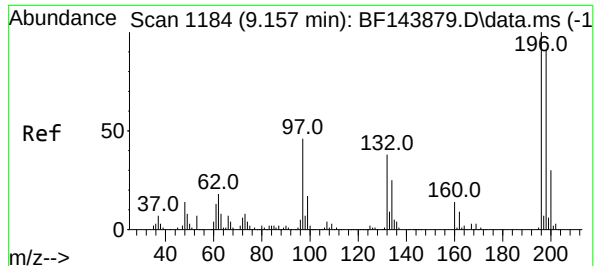
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#42  
2,4,6-Tribromophenol  
Concen: 155.397 ng  
RT: 10.722 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:330 Resp: 495811  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.9 115.3  
141 21.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 74.487 ng

RT: 9.163 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF143882.D

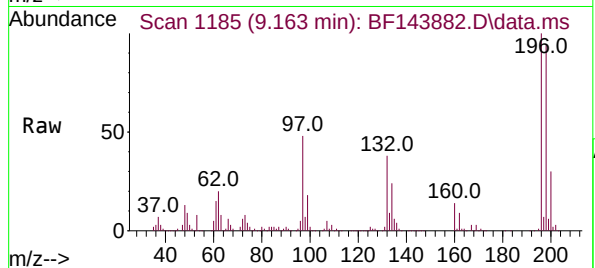
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 481852

Ion Ratio Lower Upper

196 100

198 94.4 72.8 109.2

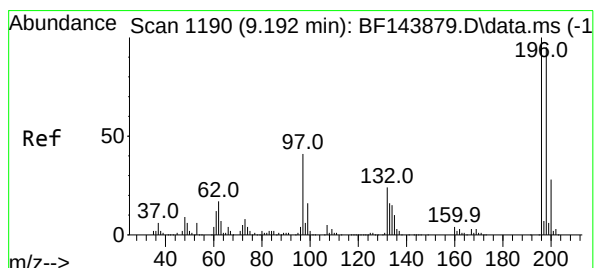
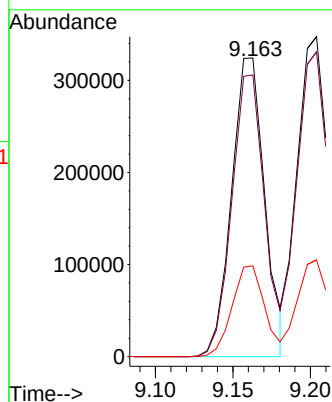
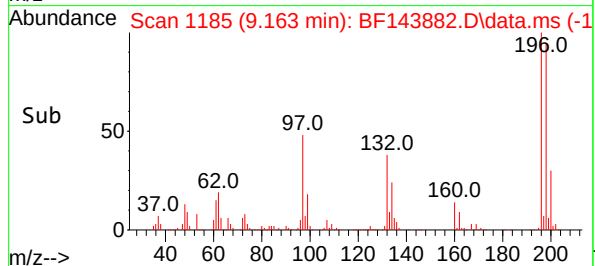
200 30.4 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

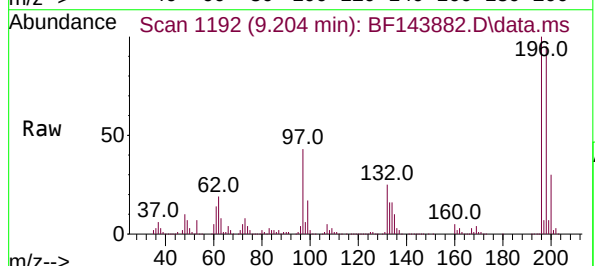
Concen: 71.286 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



Tgt Ion:196 Resp: 487322

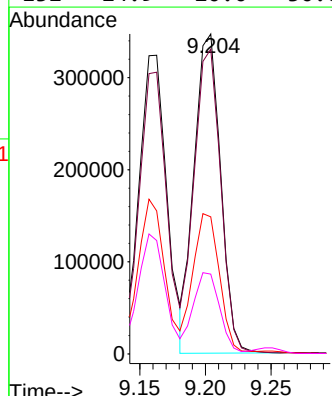
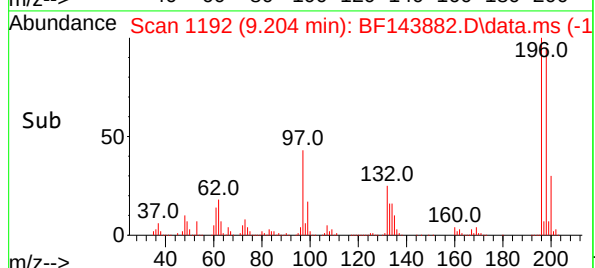
Ion Ratio Lower Upper

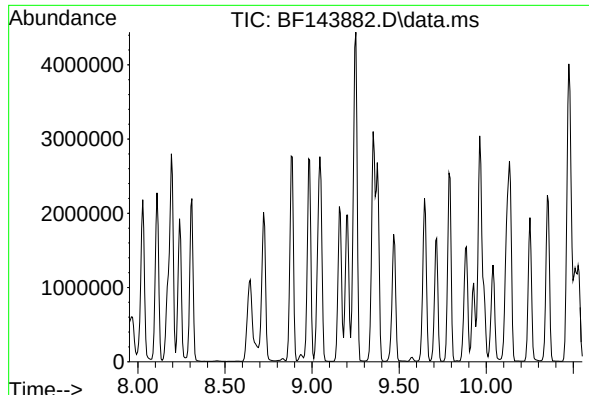
196 100

198 95.2 75.5 113.3

97 42.8 33.9 50.9

132 24.9 20.0 30.0





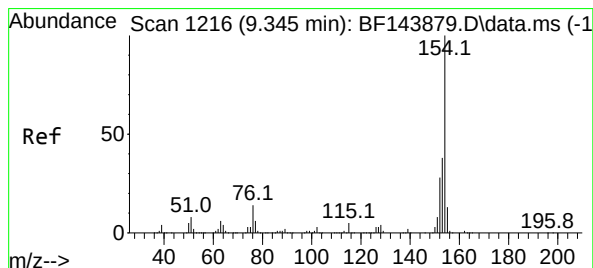
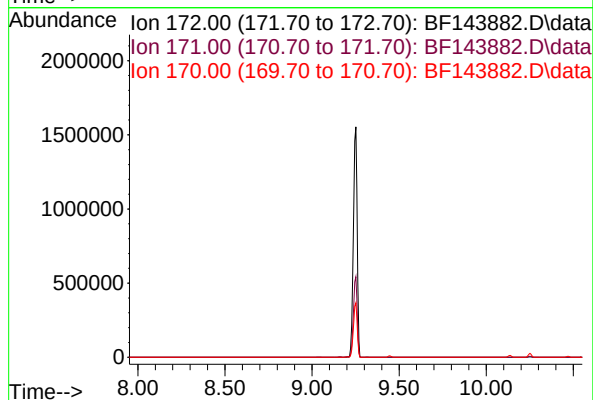
#45  
2-Fluorobiphenyl  
Concen: 0.000 ng  
Expected RT: 9.25 min  
  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion: 172  
Sig Exp Ratio  
172 100  
171 34.2  
170 23.3

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

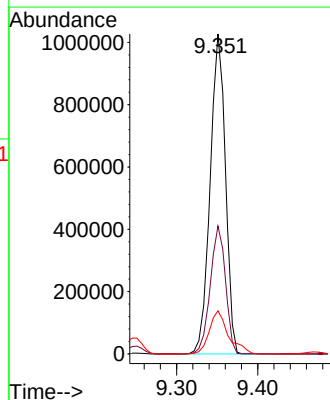
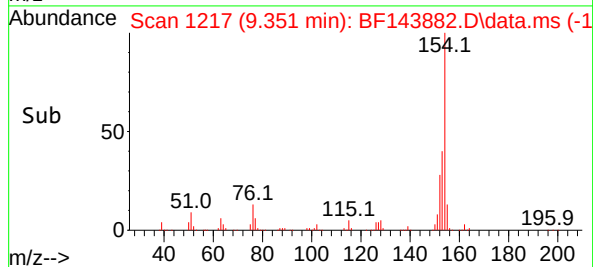
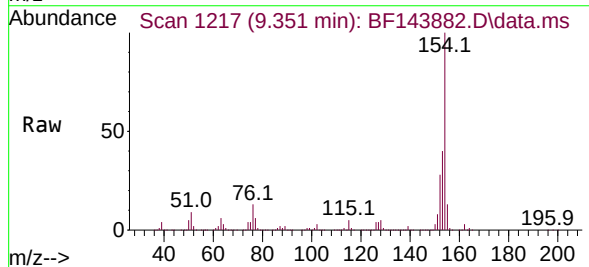
Manual Integrations  
APPROVED

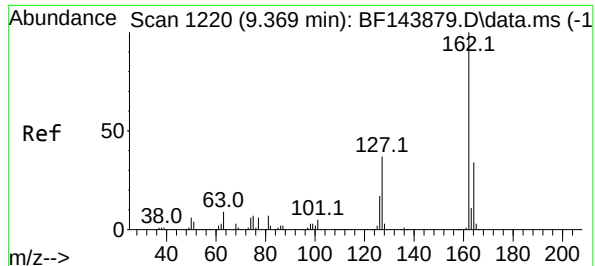
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#46  
1,1'-Biphenyl  
Concen: 63.407 ng  
RT: 9.351 min Scan# 1217  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1344805  
Ion Ratio Lower Upper  
154 100  
153 40.0 18.4 58.4  
76 13.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 66.165 ng

RT: 9.375 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF143882.D

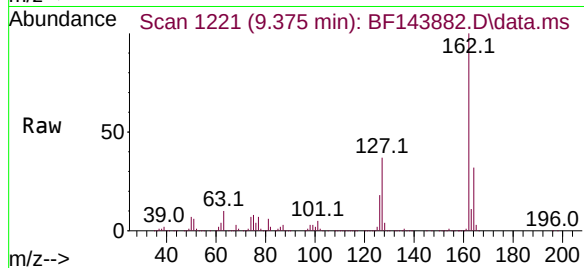
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 1170019

Ion Ratio Lower Upper

162 100

127 37.1 30.2 45.2

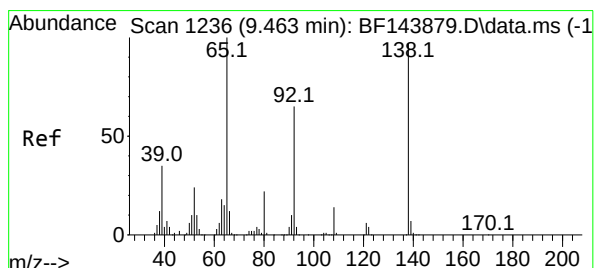
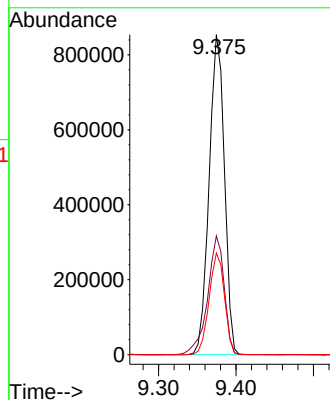
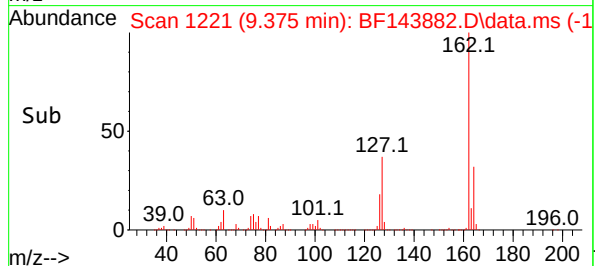
164 31.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 79.693 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

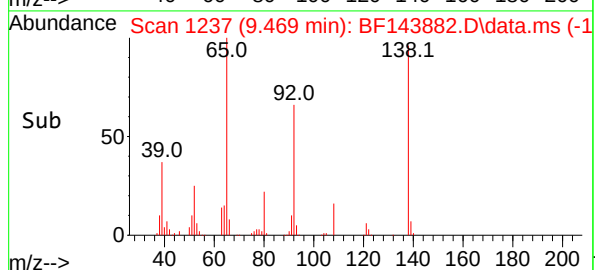
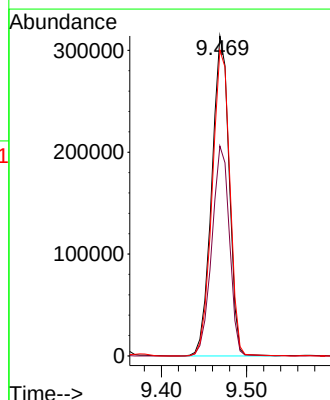
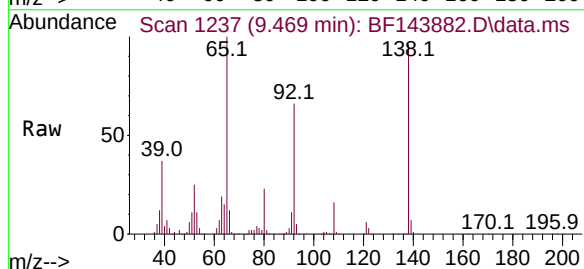
Tgt Ion: 65 Resp: 445537

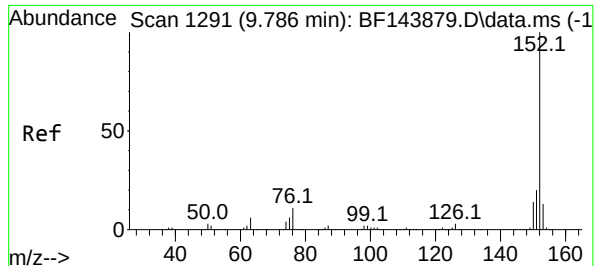
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

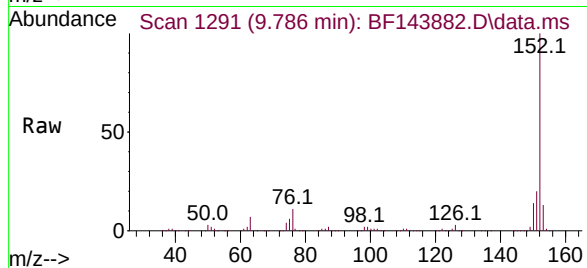
138 95.5 77.4 116.2





#49  
Acenaphthylene  
Concen: 66.159 ng  
RT: 9.786 min Scan# 1291  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

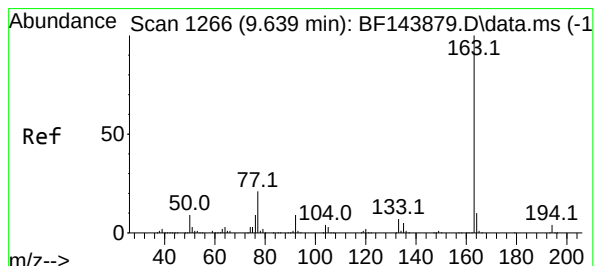
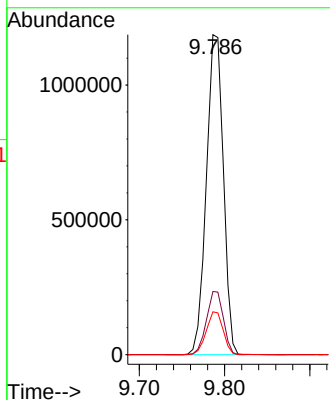
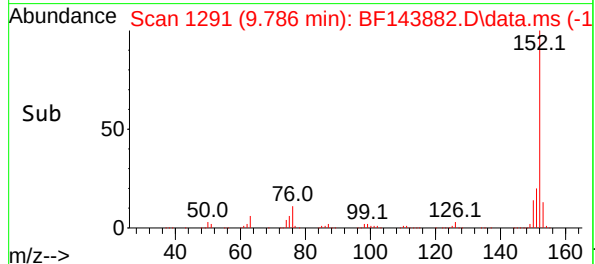
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:152 Resp: 1644728  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.6  
153 13.4 10.5 15.7

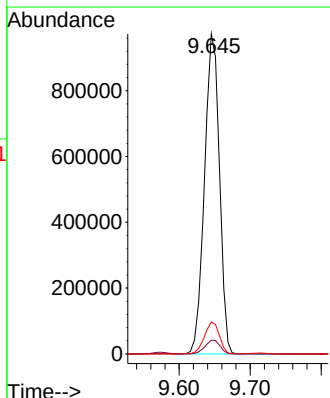
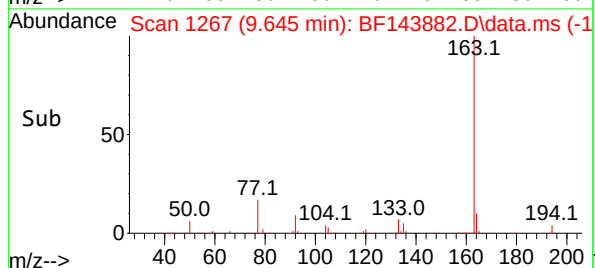
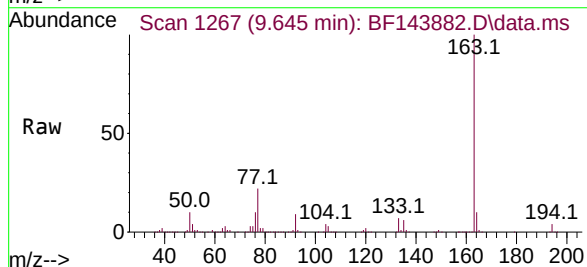
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

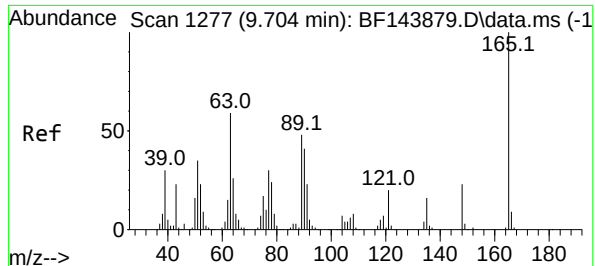


#50  
Dimethylphthalate  
Concen: 69.582 ng  
RT: 9.645 min Scan# 1267  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:163 Resp: 1415482  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.0 8.1 12.1

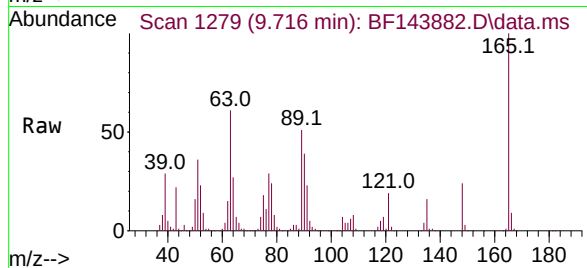






#51  
2,6-Dinitrotoluene  
Concen: 80.372 ng  
RT: 9.716 min Scan# 1279  
Delta R.T. -0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

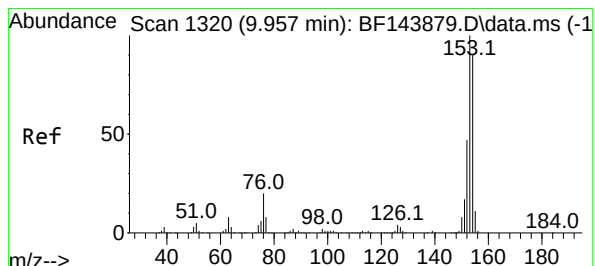
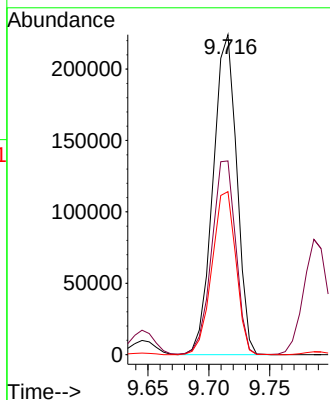
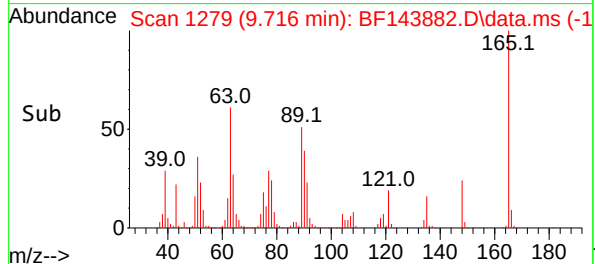
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:165 Resp: 303176  
Ion Ratio Lower Upper  
165 100  
63 60.5 47.3 70.9  
89 51.0 38.2 57.4

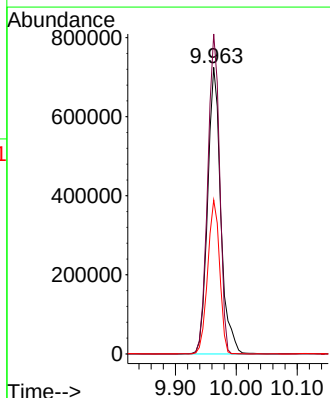
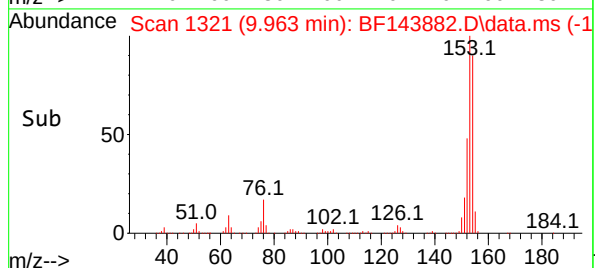
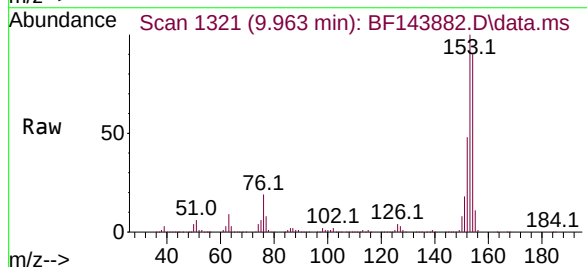
Manual Integrations  
APPROVED

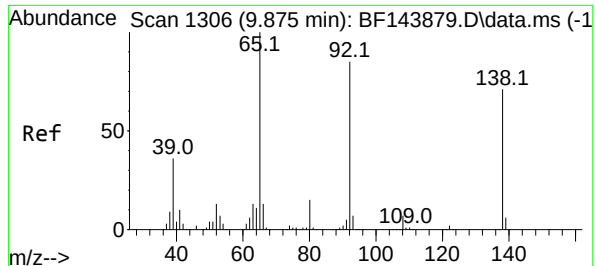
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#52  
Acenaphthene  
Concen: 66.651 ng  
RT: 9.963 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

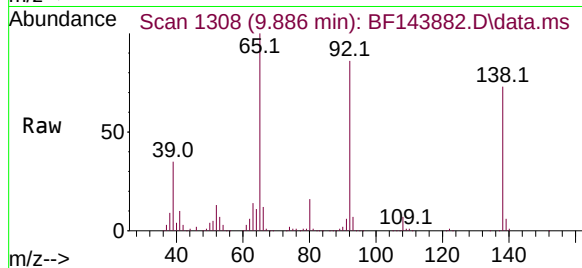
Tgt Ion:154 Resp: 1085733  
Ion Ratio Lower Upper  
154 100  
153 111.7 89.3 133.9  
152 53.7 42.2 63.2





#53  
3-Nitroaniline  
Concen: 79.233 ng  
RT: 9.886 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

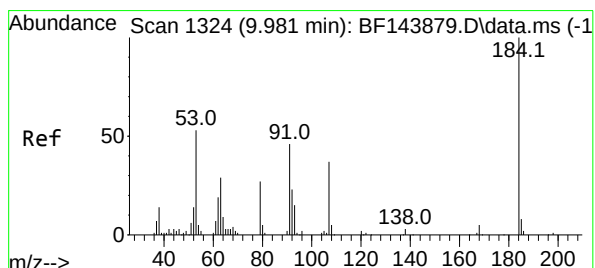
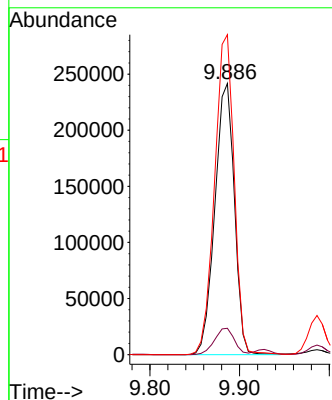
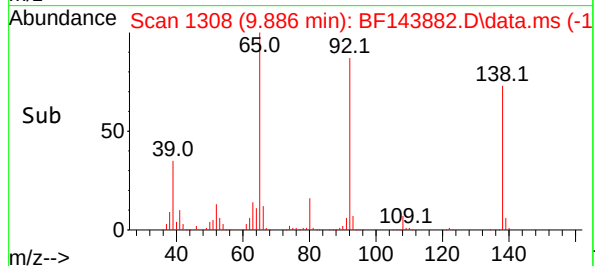
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:138 Resp: 365960  
Ion Ratio Lower Upper  
138 100  
108 9.7 8.3 12.5  
92 118.0 96.2 144.2

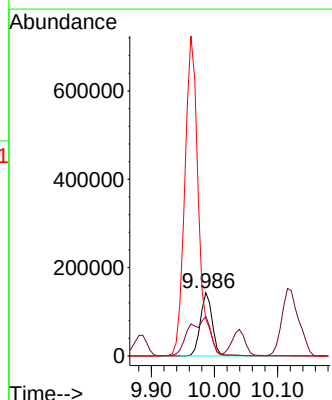
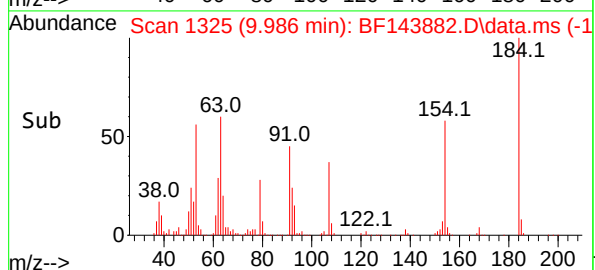
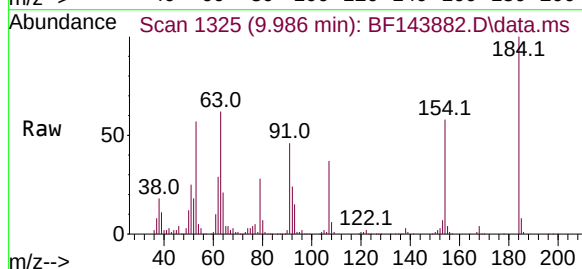
Manual Integrations  
APPROVED

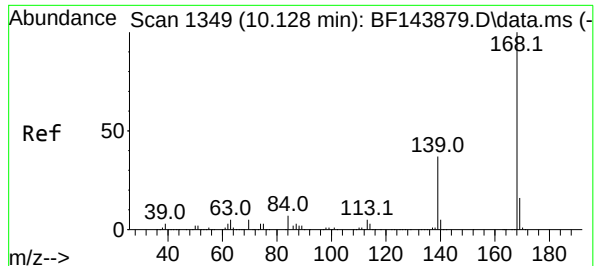
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#54  
2,4-Dinitrophenol  
Concen: 80.556 ng  
RT: 9.986 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

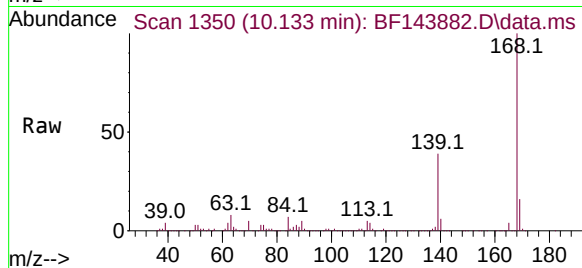
Tgt Ion:184 Resp: 187560  
Ion Ratio Lower Upper  
184 100  
63 62.4 48.2 72.4  
154 58.5 49.2 73.8





#55  
Dibenzenofuran  
Concen: 63.998 ng  
RT: 10.133 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

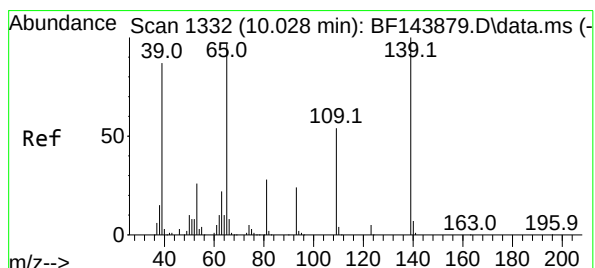
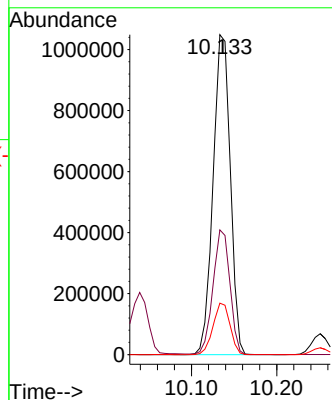
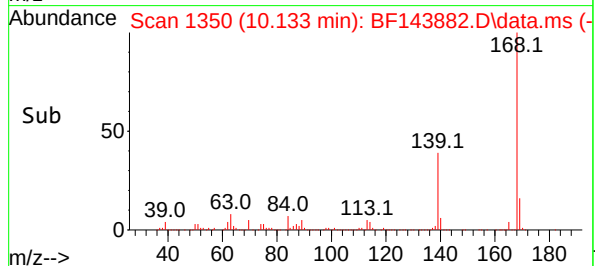
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:168 Resp: 1471622  
Ion Ratio Lower Upper  
168 100  
139 39.0 29.8 44.8  
169 16.1 12.8 19.2

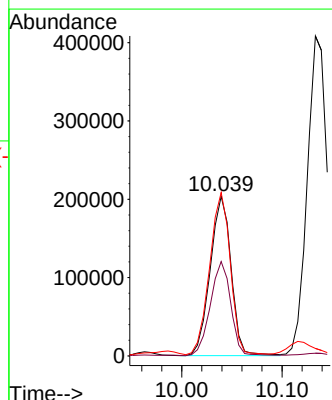
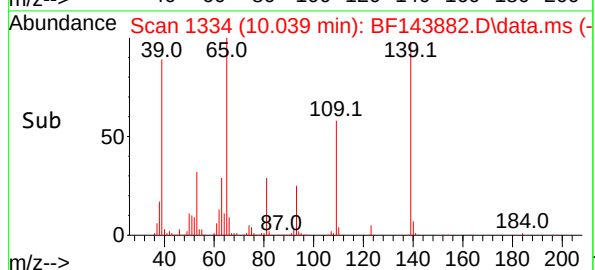
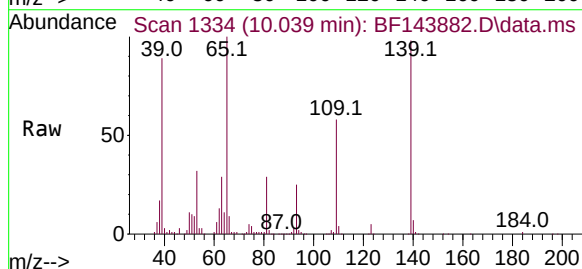
Manual Integrations  
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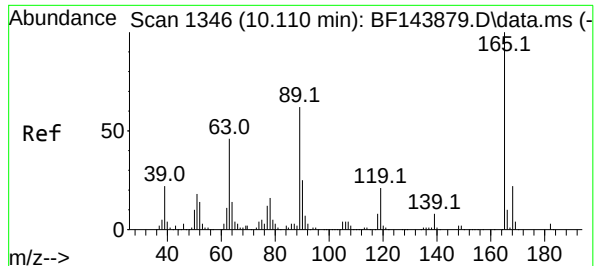
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#56  
4-Nitrophenol  
Concen: 84.335 ng  
RT: 10.039 min Scan# 1334  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

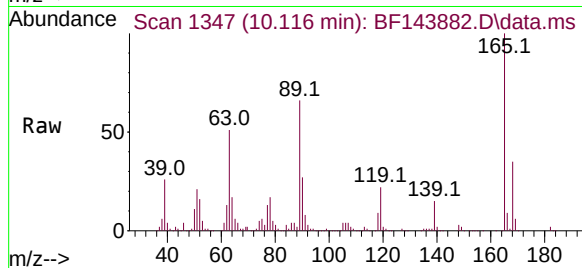
Tgt Ion:139 Resp: 294937  
Ion Ratio Lower Upper  
139 100  
109 59.0 34.5 74.5  
65 102.4 77.6 117.6





#57  
2,4-Dinitrotoluene  
Concen: 79.779 ng  
RT: 10.116 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

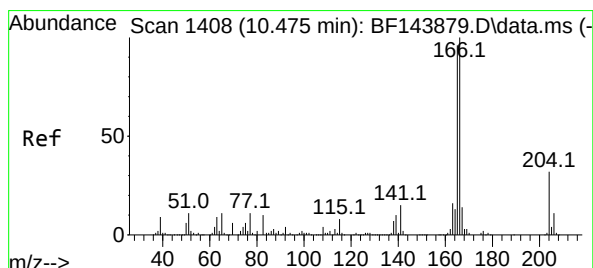
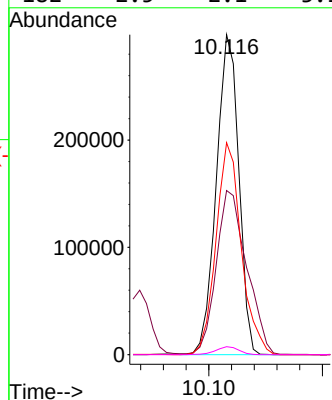
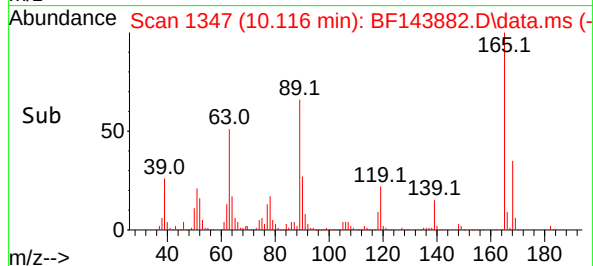
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:165 Resp: 409463  
Ion Ratio Lower Upper  
165 100  
63 51.3 37.2 55.8  
89 66.2 49.4 74.2  
182 2.5 2.1 3.1

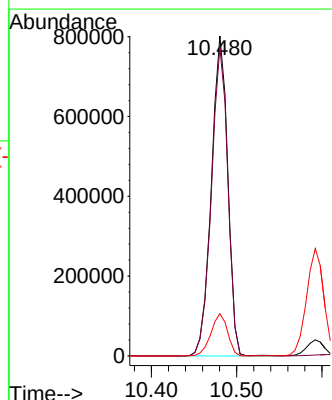
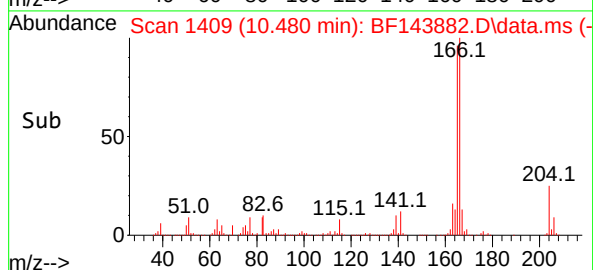
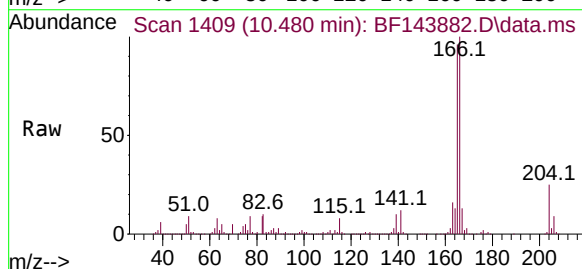
Manual Integrations  
APPROVED

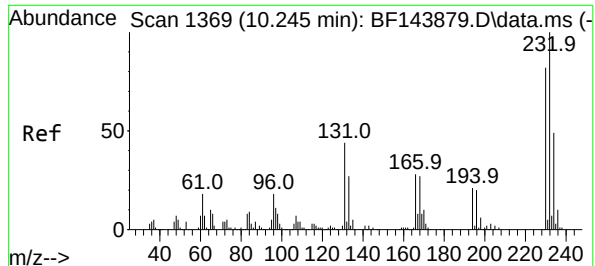
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#58  
Fluorene  
Concen: 61.654 ng  
RT: 10.480 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:166 Resp: 1069764  
Ion Ratio Lower Upper  
166 100  
165 96.4 77.0 115.6  
167 13.2 11.1 16.7





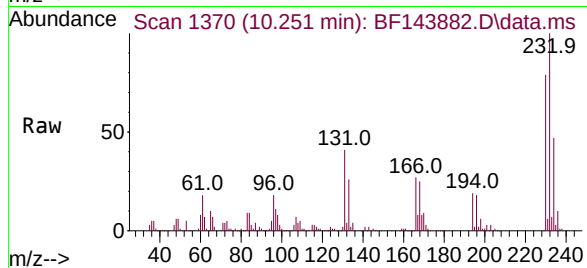
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 76.170 ng  
RT: 10.251 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



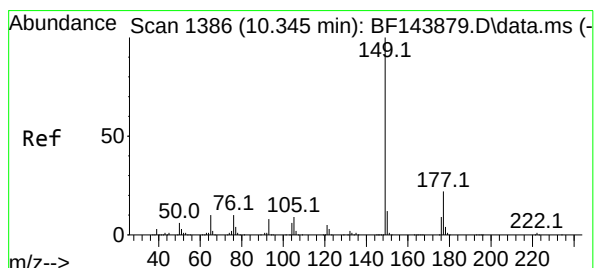
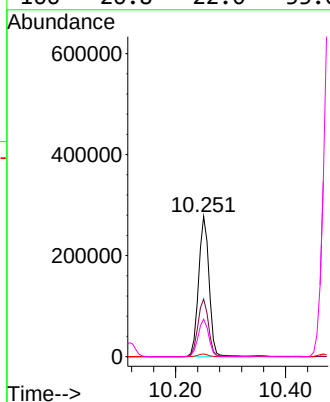
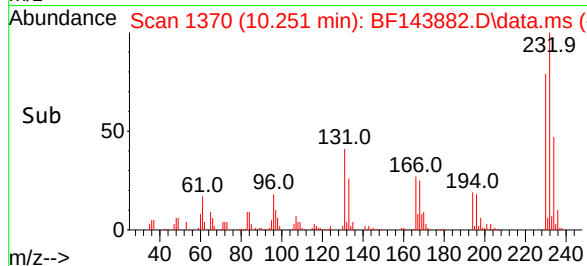
Tgt Ion:232 Resp: 368599  
Ion Ratio Lower Upper  
232 100  
131 41.5 34.9 52.3  
130 1.8 1.6 2.4  
166 26.8 22.0 33.0

Manual Integrations

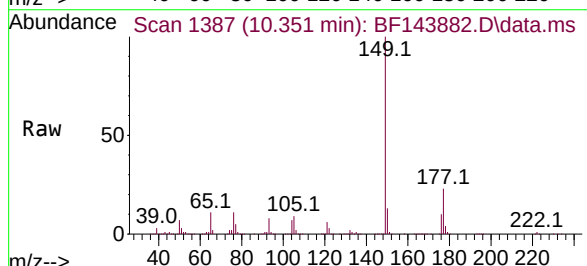
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

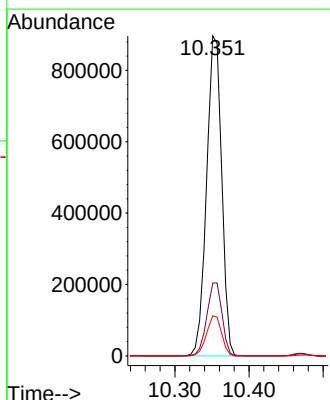
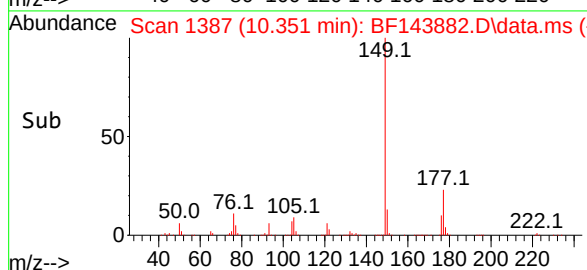
Supervised By :Jagrut Upadhyay 10/07/2025

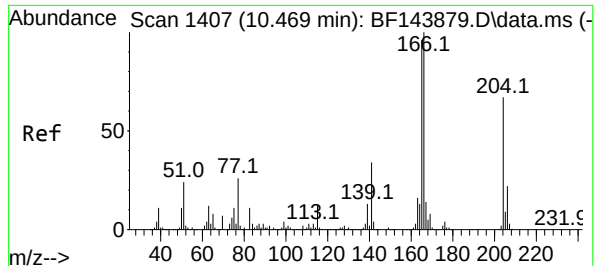


#60  
Diethylphthalate  
Concen: 67.047 ng  
RT: 10.351 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



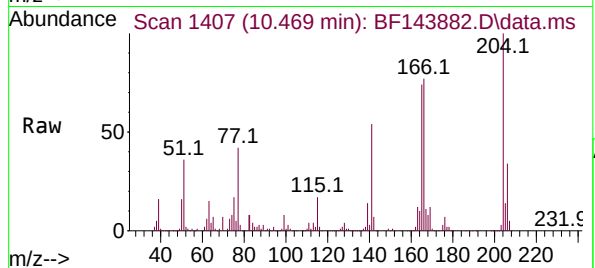
Tgt Ion:149 Resp: 1267085  
Ion Ratio Lower Upper  
149 100  
177 22.7 17.9 26.9  
150 12.5 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 62.357 ng  
RT: 10.469 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

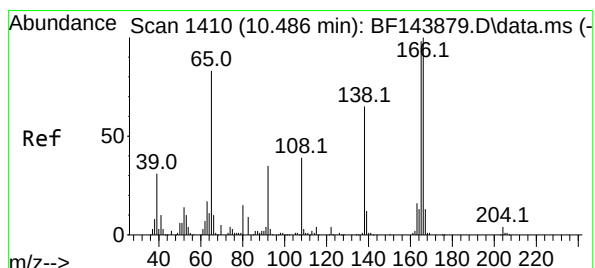
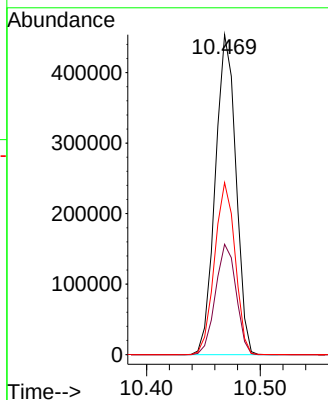
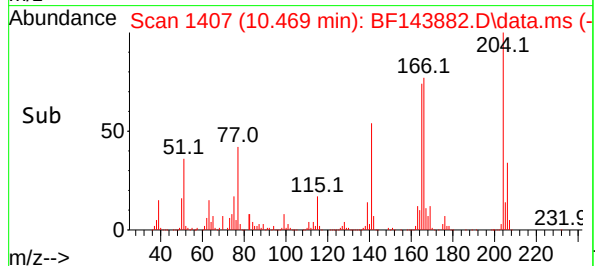
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



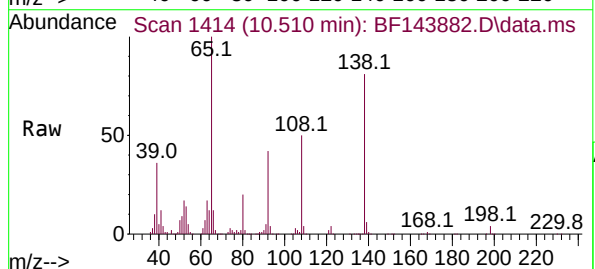
Tgt Ion:204 Resp: 572035  
Ion Ratio Lower Upper  
204 100  
206 34.5 26.6 40.0  
141 53.7 40.4 60.6

Manual Integrations  
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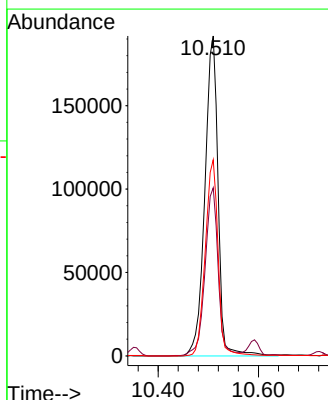
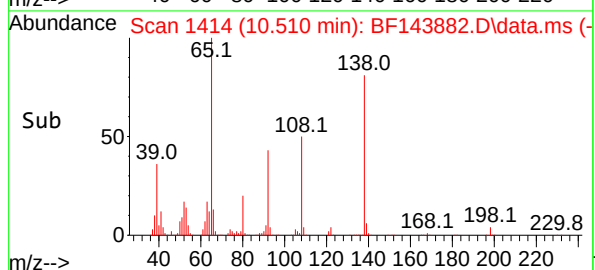
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

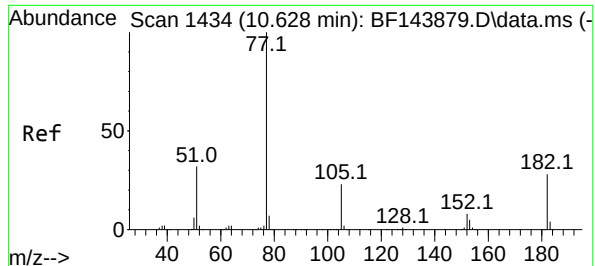


#62  
4-Nitroaniline  
Concen: 79.169 ng  
RT: 10.510 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



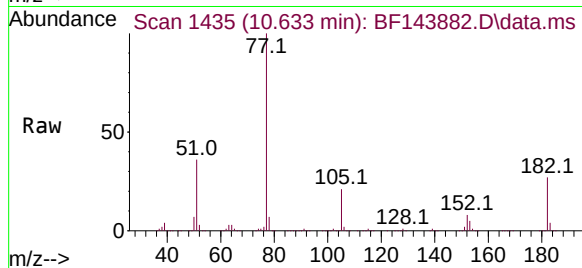
Tgt Ion:138 Resp: 351634  
Ion Ratio Lower Upper  
138 100  
92 52.5 33.9 73.9  
108 61.3 40.2 80.2





#63  
Azobenzene  
Concen: 68.446 ng  
RT: 10.633 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

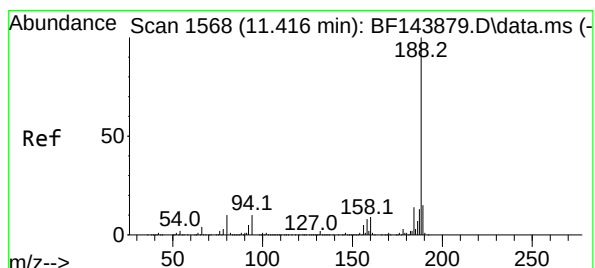
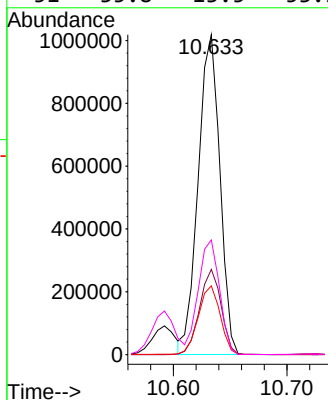
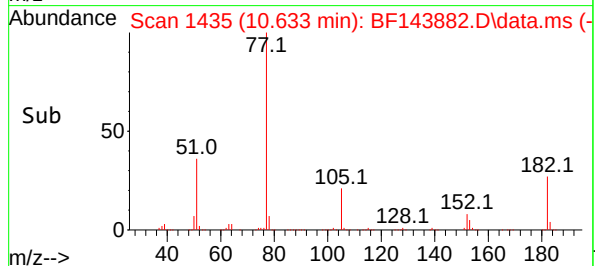
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



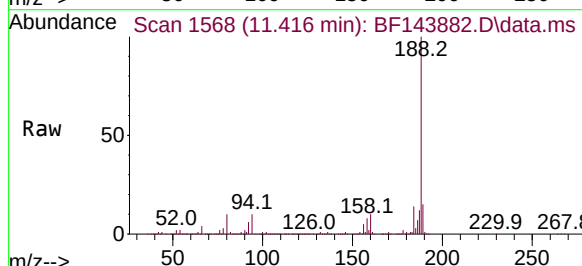
Tgt Ion: 77 Resp: 1351920  
Ion Ratio Lower Upper  
77 100  
182 26.7 7.3 47.3  
105 21.5 3.0 43.0  
51 35.8 13.5 53.5

Manual Integrations  
APPROVED

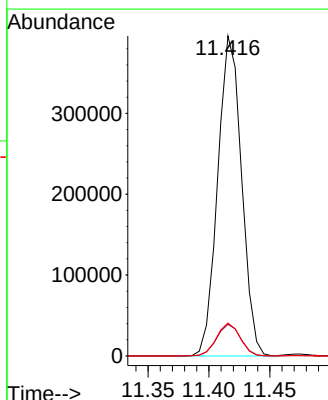
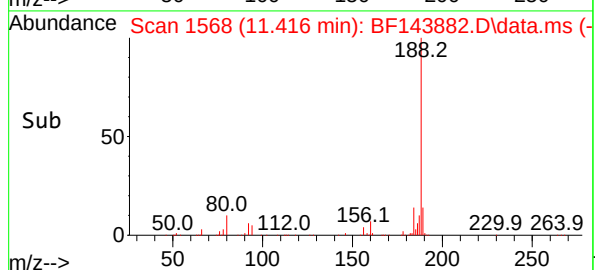
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

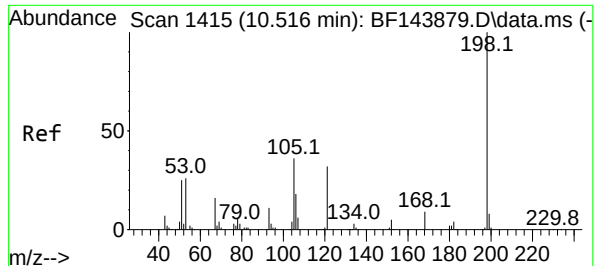


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:188 Resp: 540366  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.8 11.6  
80 10.3 7.9 11.9





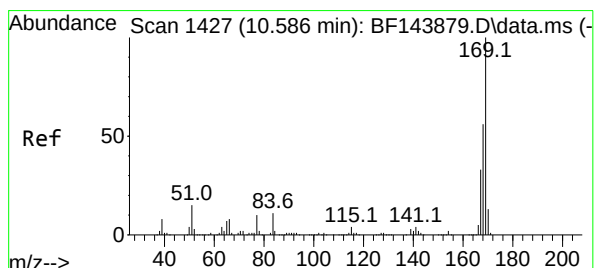
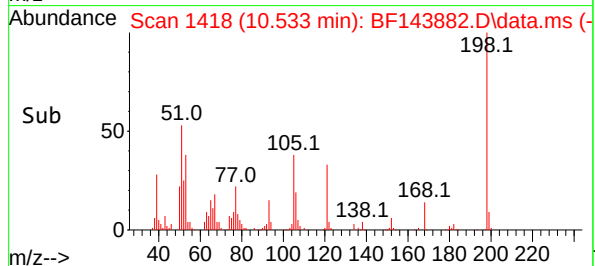
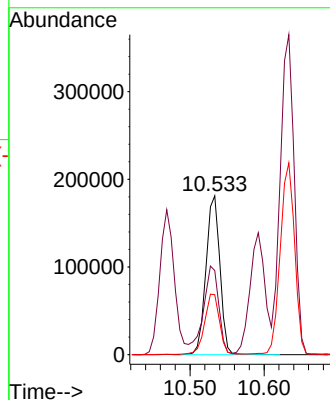
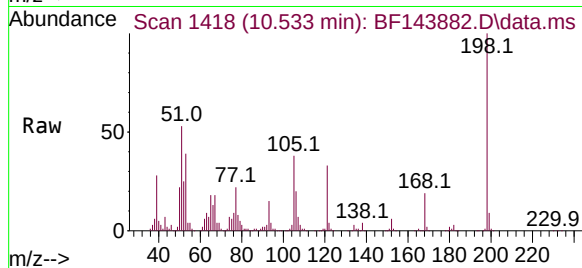
#65  
4,6-Dinitro-2-methylphenol  
Concen: 87.227 ng  
RT: 10.533 min Scan# 1415  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:198 Resp: 236863  
Ion Ratio Lower Upper  
198 100  
51 53.0 33.8 73.8  
105 37.7 17.0 57.0

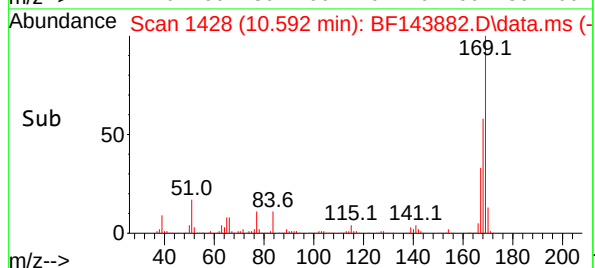
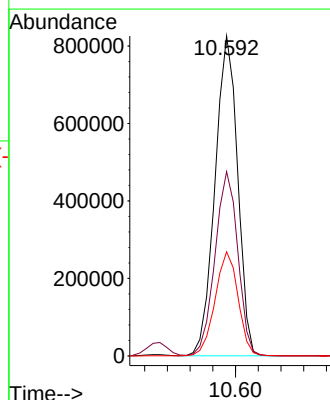
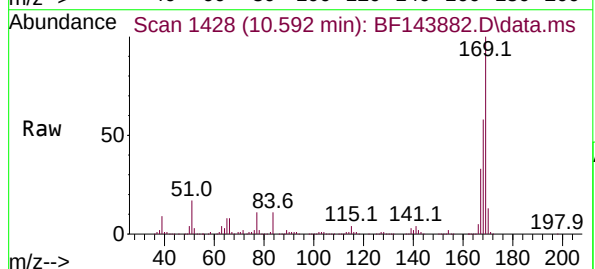
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

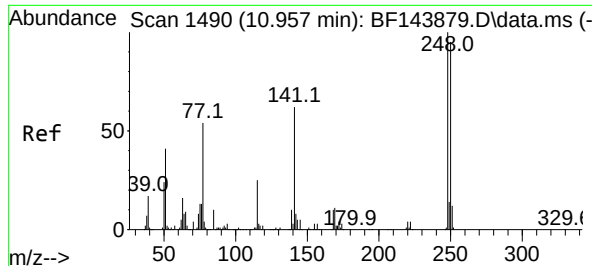


#66  
n-Nitrosodiphenylamine  
Concen: 67.159 ng  
RT: 10.592 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:169 Resp: 1139482  
Ion Ratio Lower Upper  
169 100  
168 57.6 44.9 67.3  
167 32.5 26.3 39.5







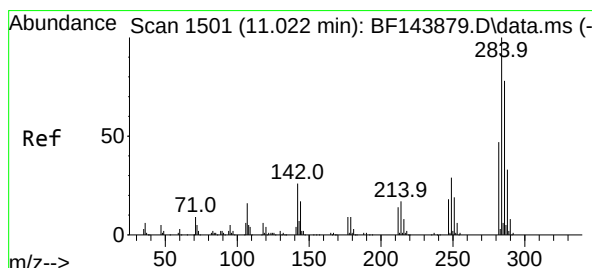
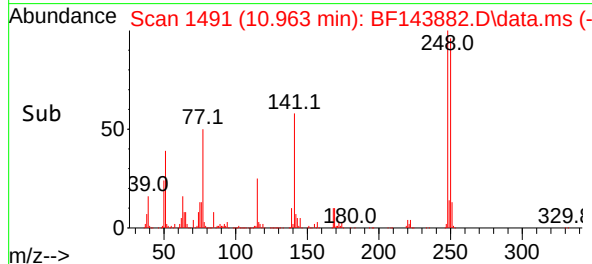
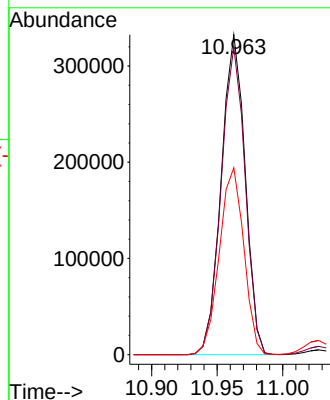
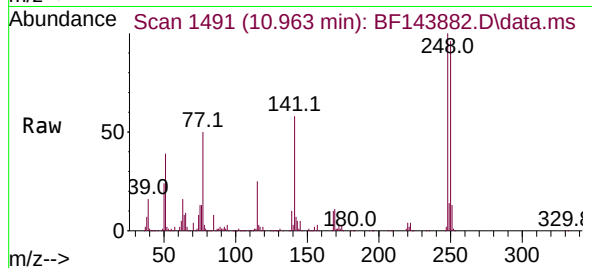
#67  
4-Bromophenyl-phenylether  
Concen: 70.857 ng  
RT: 10.963 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tgt Ion:248 Resp: 423148  
Ion Ratio Lower Upper  
248 100  
250 96.2 76.3 114.5  
141 58.4 49.7 74.5

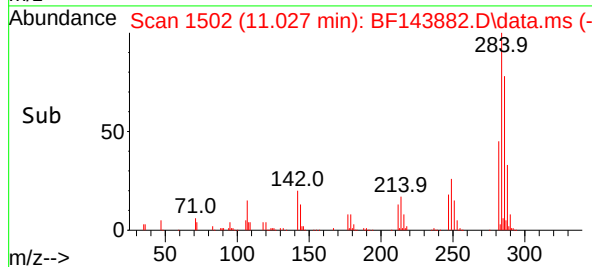
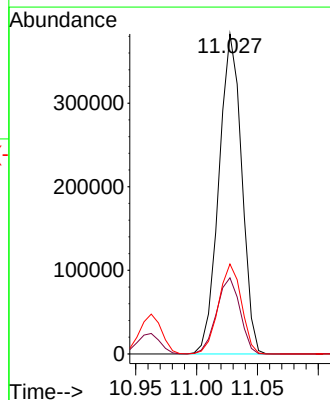
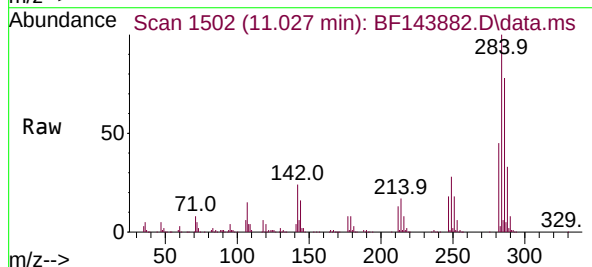
Manual Integrations  
APPROVED

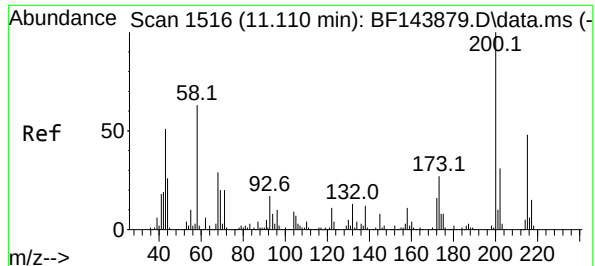
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#68  
Hexachlorobenzene  
Concen: 72.118 ng  
RT: 11.027 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

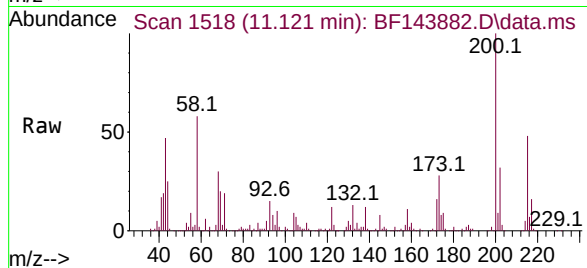
Tgt Ion:284 Resp: 498602  
Ion Ratio Lower Upper  
284 100  
142 23.8 20.6 30.8  
249 28.1 23.2 34.8





#69  
Atrazine  
Concen: 67.621 ng  
RT: 11.121 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

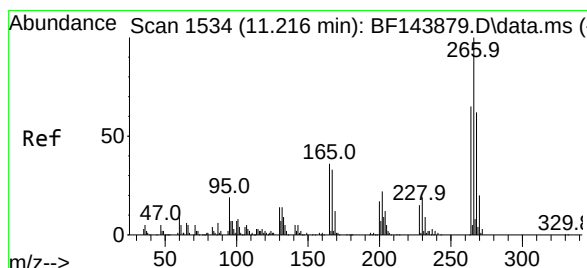
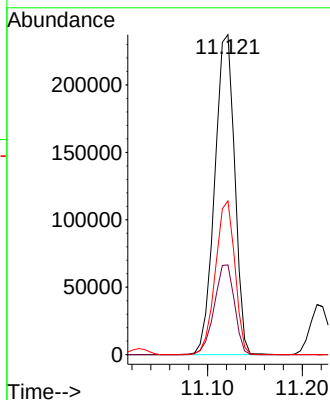
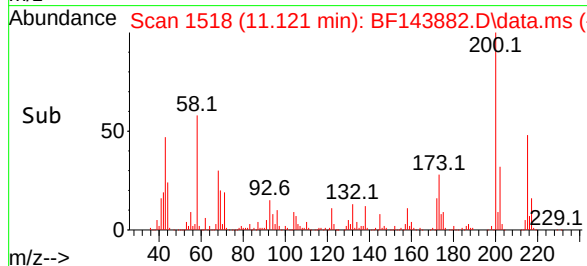
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



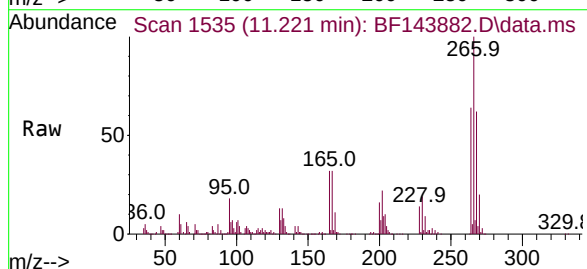
Tgt Ion:200 Resp: 347749  
Ion Ratio Lower Upper  
200 100  
173 28.0 7.0 47.0  
215 48.0 27.8 67.8

Manual Integrations  
APPROVED

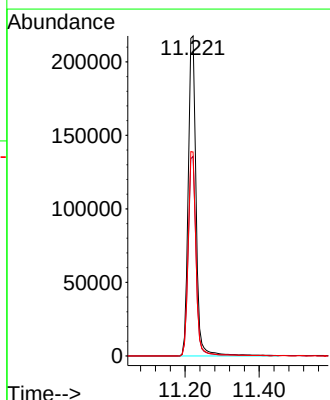
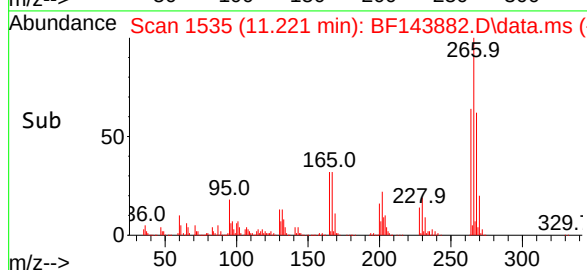
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

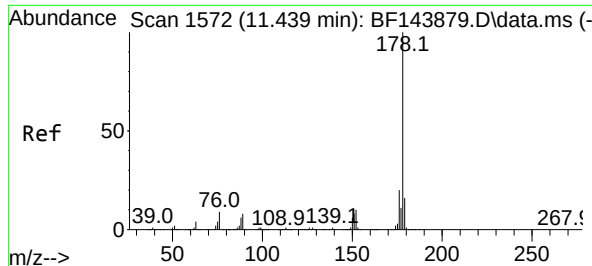


#70  
Pentachlorophenol  
Concen: 80.208 ng  
RT: 11.221 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



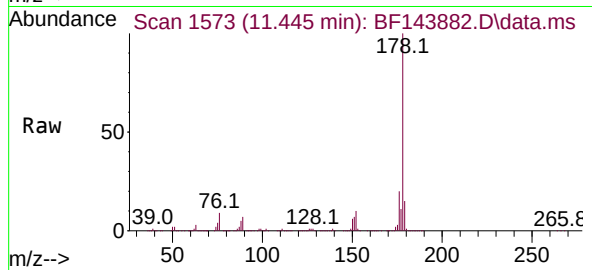
Tgt Ion:266 Resp: 318486  
Ion Ratio Lower Upper  
266 100  
268 62.3 49.4 74.0  
264 63.7 51.8 77.6





#71  
Phenanthrene  
Concen: 63.980 ng  
RT: 11.445 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

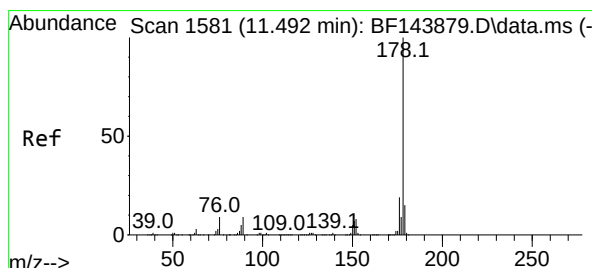
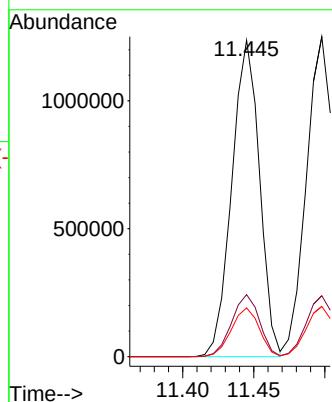
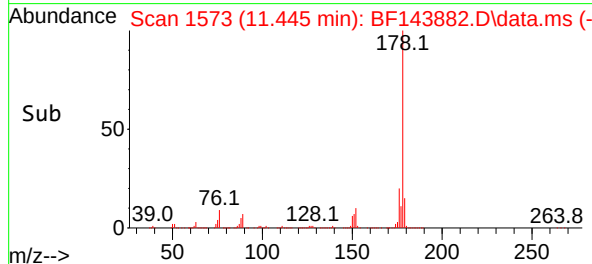
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:178 Resp: 1676081  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.4 12.4 18.6

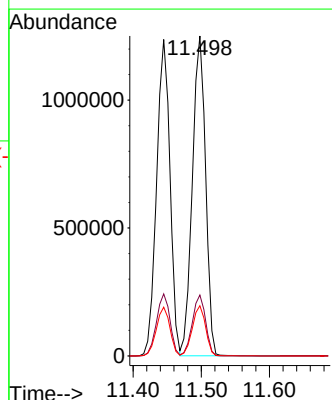
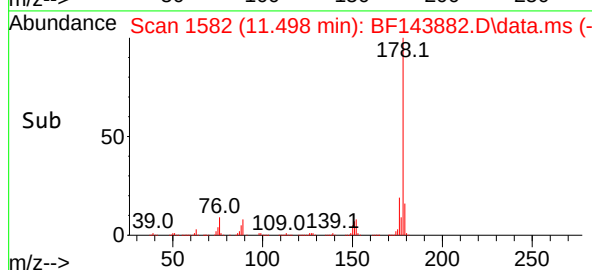
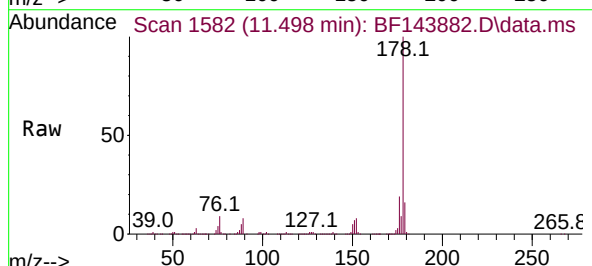
Manual Integrations  
APPROVED

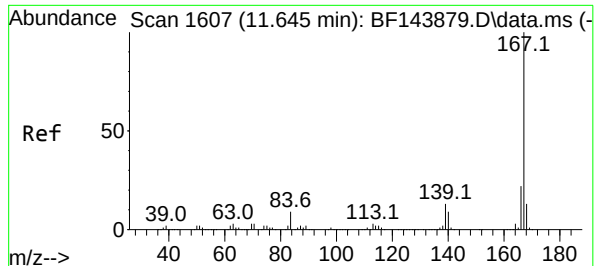
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#72  
Anthracene  
Concen: 63.814 ng  
RT: 11.498 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

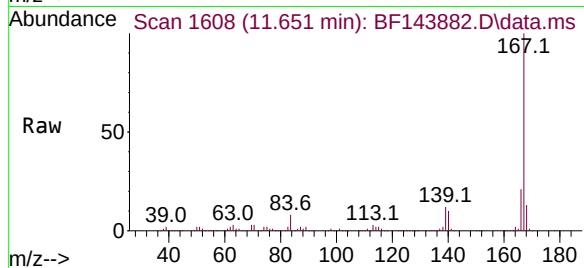
Tgt Ion:178 Resp: 1688865  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.9 22.3  
179 15.7 12.2 18.2





#73  
Carbazole  
Concen: 64.832 ng  
RT: 11.651 min Scan# 1608  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

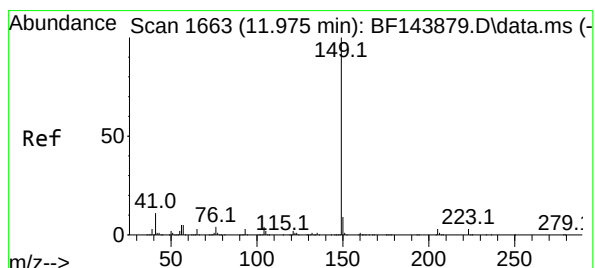
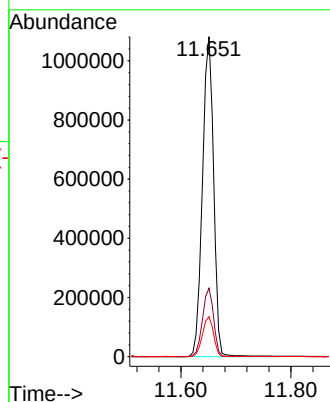
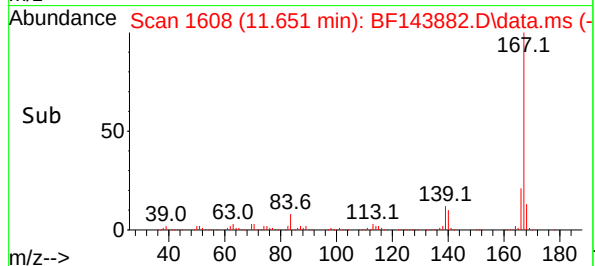
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



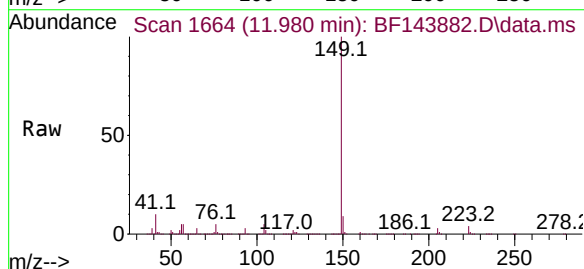
Tgt Ion:167 Resp: 1519615  
Ion Ratio Lower Upper  
167 100  
166 21.4 17.2 25.8  
139 12.5 10.1 15.1

Manual Integrations  
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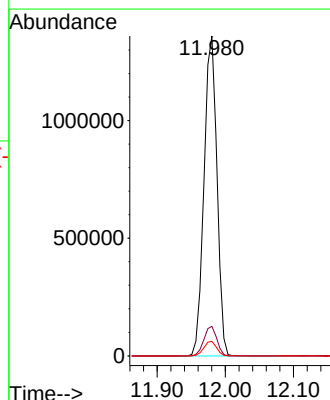
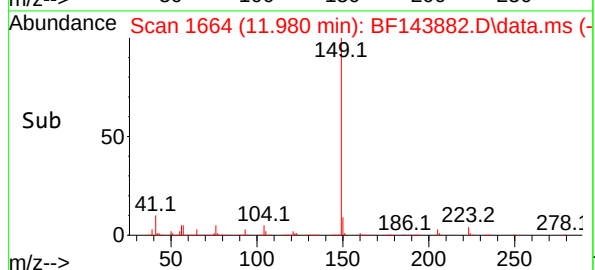
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

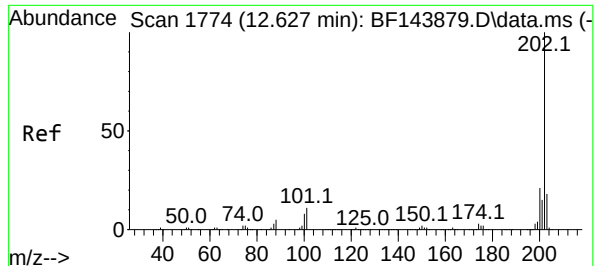


#74  
Di-n-butylphthalate  
Concen: 66.034 ng  
RT: 11.980 min Scan# 1664  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:149 Resp: 1793855  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.2  
104 4.5 3.4 5.2





#75

Fluoranthene

Concen: 63.059 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 1706368

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.7

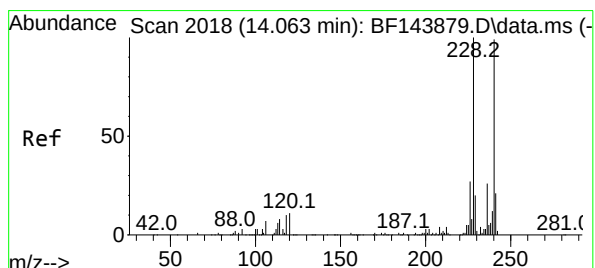
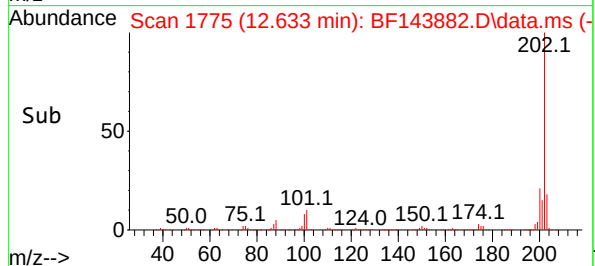
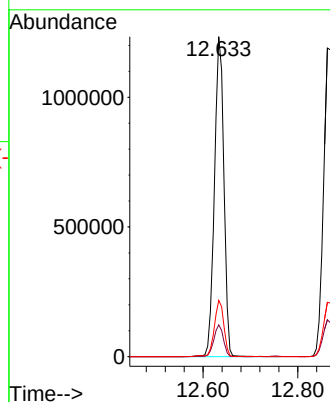
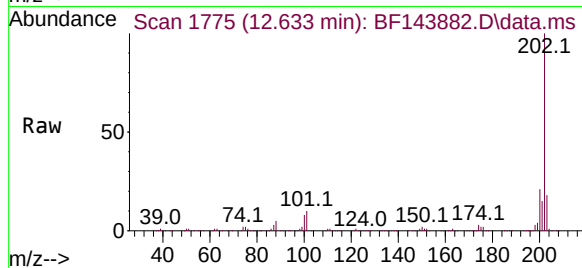
203 17.6 0.0 37.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

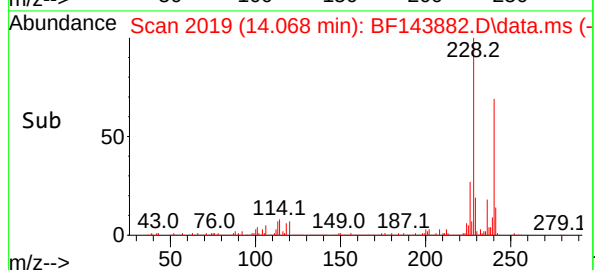
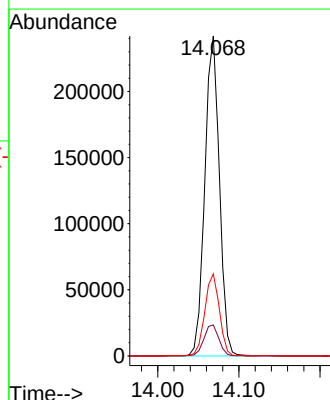
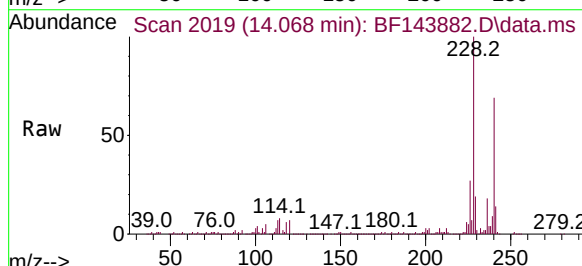
Tgt Ion:240 Resp: 302500

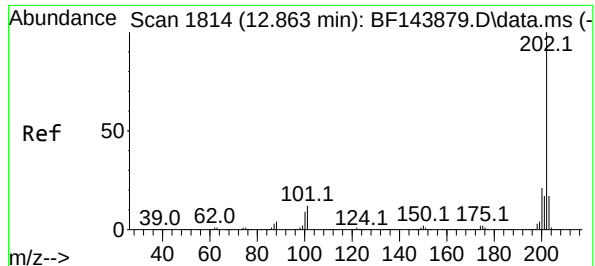
Ion Ratio Lower Upper

240 100

120 9.7 8.6 13.0

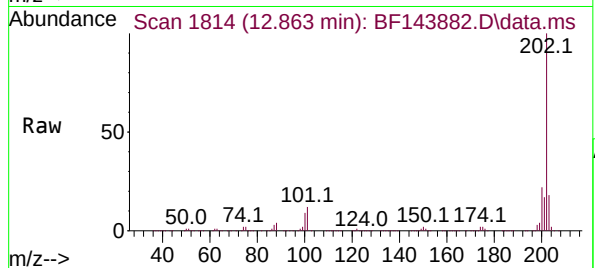
236 25.6 21.1 31.7





#78  
Pyrene  
Concen: 68.126 ng  
RT: 12.863 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

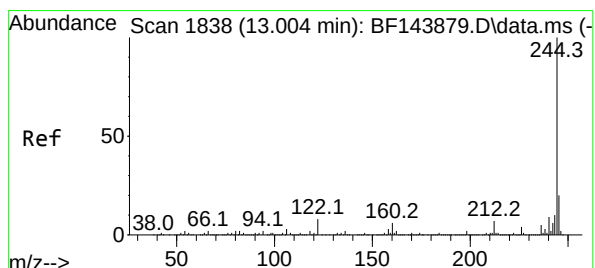
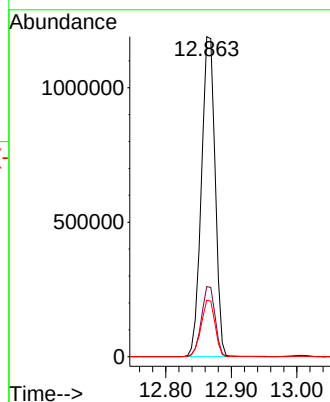
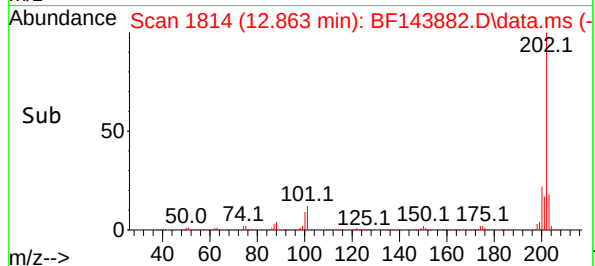
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



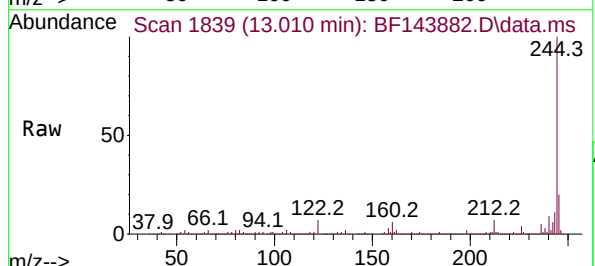
Tgt Ion:202 Resp: 1718085  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.0 25.6  
203 17.6 13.8 20.6

Manual Integrations  
APPROVED

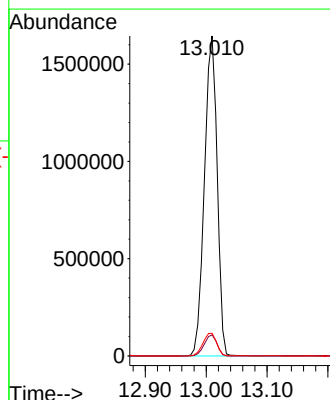
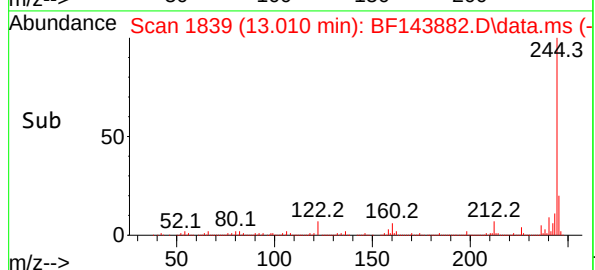
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

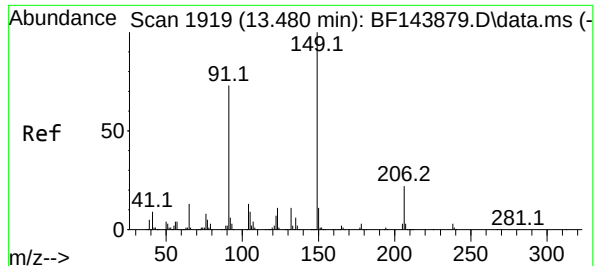


#79  
Terphenyl-d14  
Concen: 134.604 ng  
RT: 13.010 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:244 Resp: 2382437  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.4 8.0  
122 7.1 6.4 9.6





#80

Butylbenzylphthalate

Concen: 77.349 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 633516

Ion Ratio Lower Upper

149 100

91 75.9 58.2 87.2

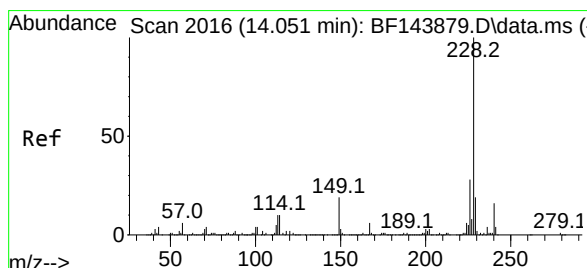
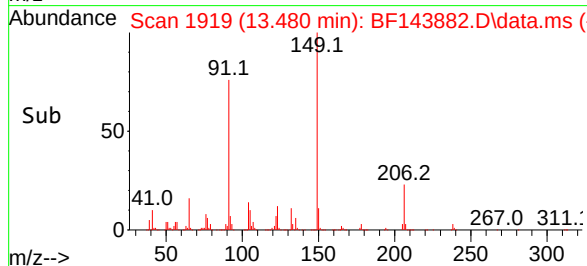
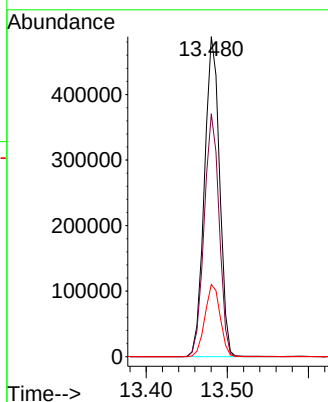
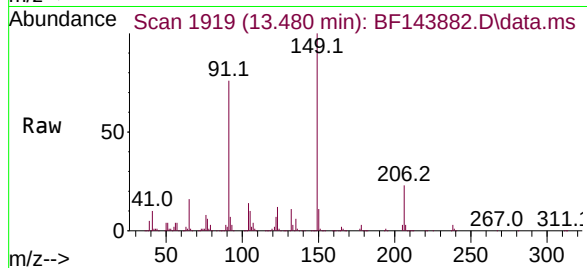
206 22.5 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#81

Benzo(a)anthracene

Concen: 73.238 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

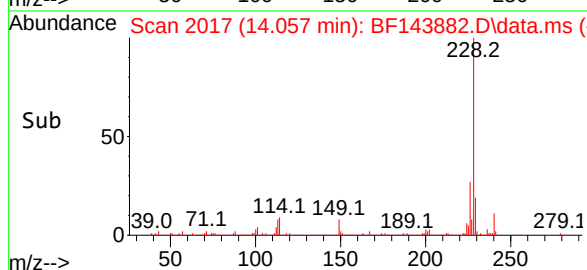
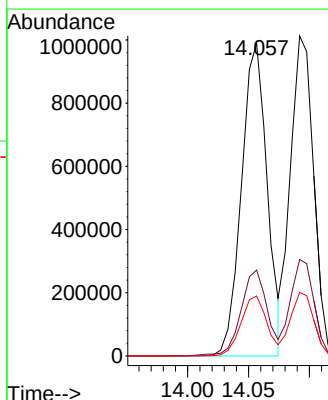
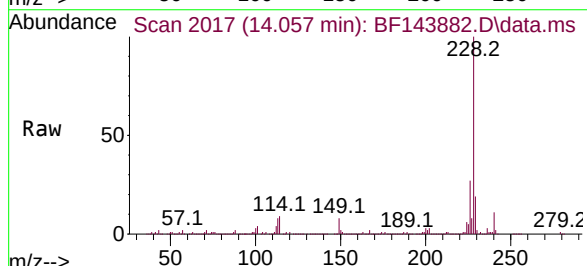
Tgt Ion:228 Resp: 1449801

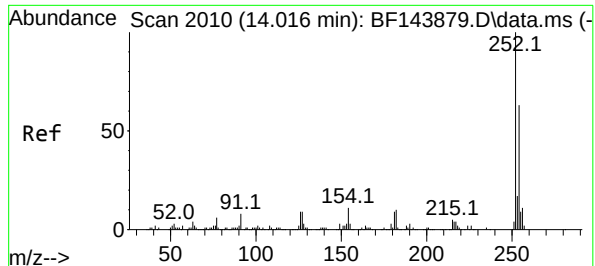
Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

229 19.2 15.6 23.4





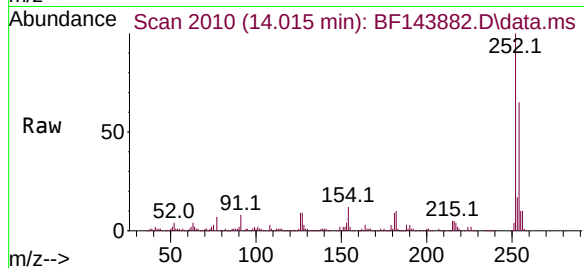
#82  
3,3'-Dichlorobenzidine  
Concen: 76.476 ng  
RT: 14.015 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

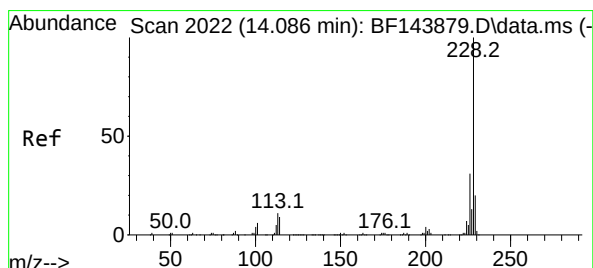
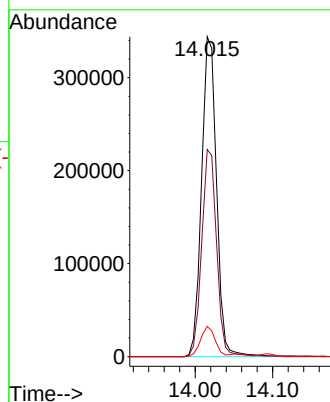
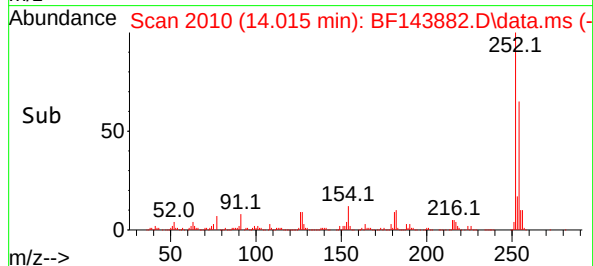


Tgt Ion:252 Resp: 461359  
Ion Ratio Lower Upper  
252 100  
254 64.7 50.6 76.0  
126 9.4 7.0 10.6

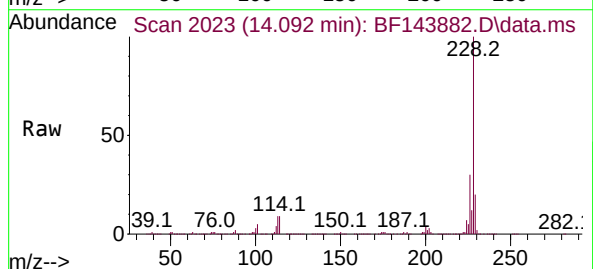
Manual Integrations

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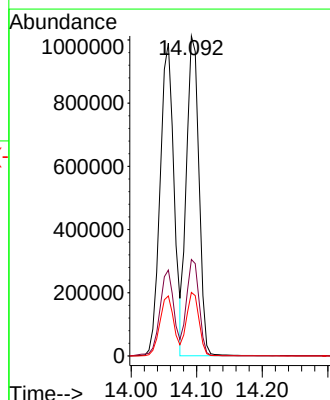
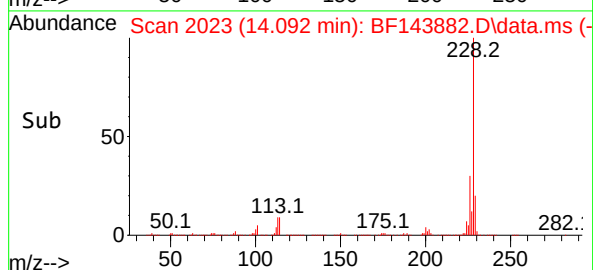
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



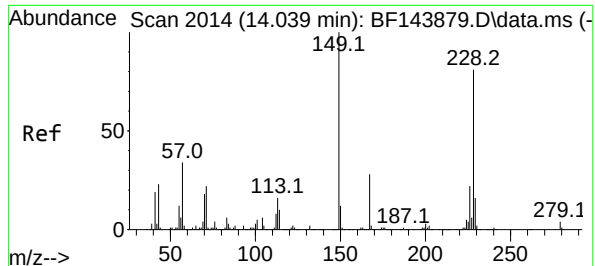
#83  
Chrysene  
Concen: 73.645 ng  
RT: 14.092 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:228 Resp: 1349286  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.4 36.6  
229 19.8 15.9 23.9

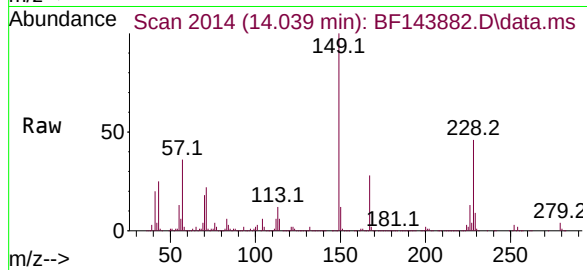






#84  
Bis(2-ethylhexyl)phthalate  
Concen: 75.897 ng  
RT: 14.039 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

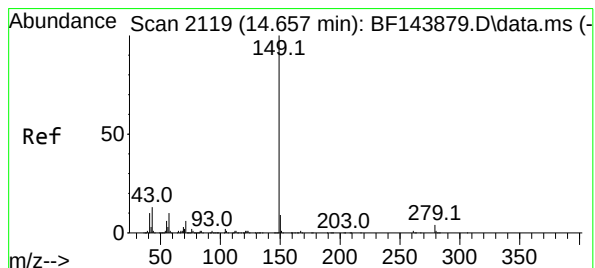
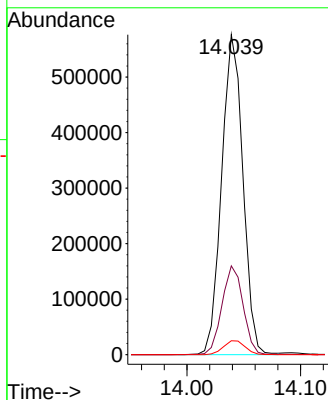
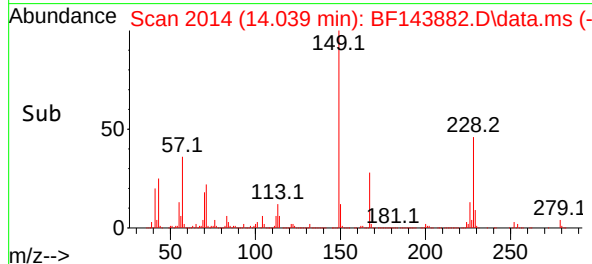
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



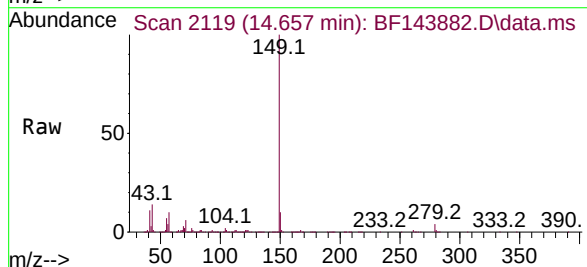
Tgt Ion:149 Resp: 74932  
Ion Ratio Lower Upper  
149 100  
167 27.7 22.2 33.4  
279 4.3 3.1 4.7

Manual Integrations  
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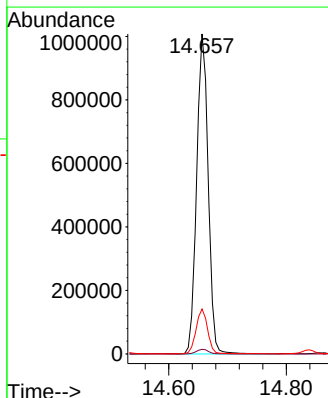
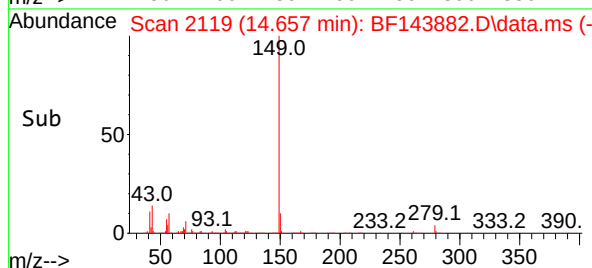
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

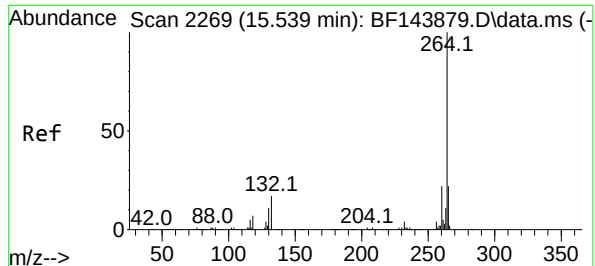


#85  
Di-n-octyl phthalate  
Concen: 84.532 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22



Tgt Ion:149 Resp: 1370760  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 14.1 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:264 Resp: 35791

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

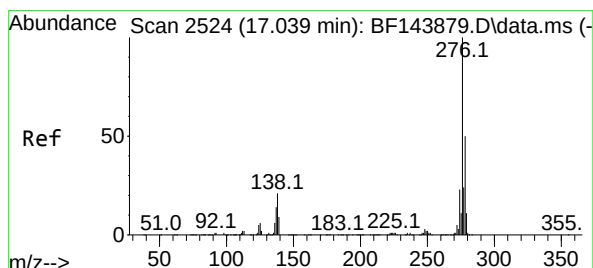
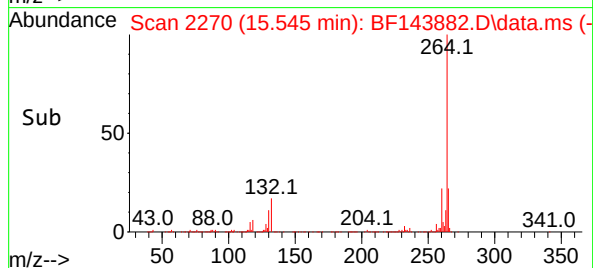
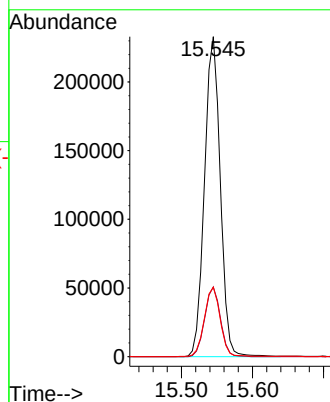
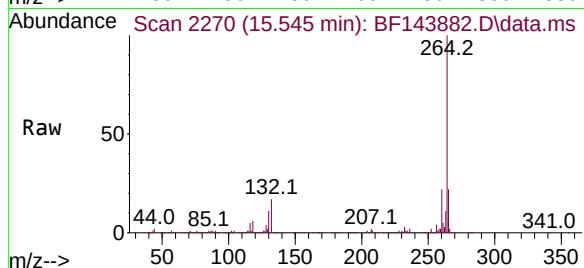
265 21.7 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 81.478 ng

RT: 17.056 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

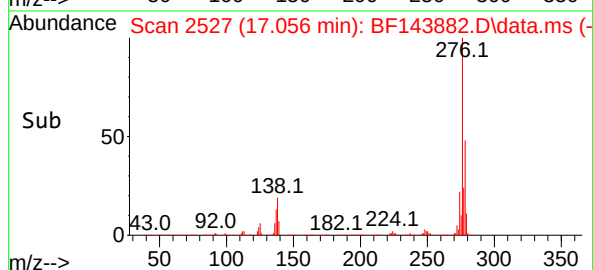
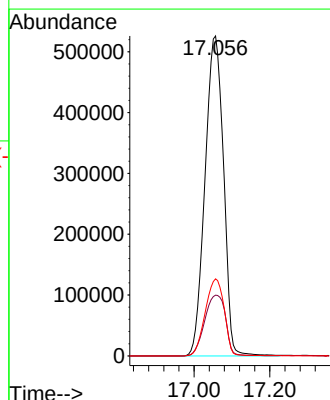
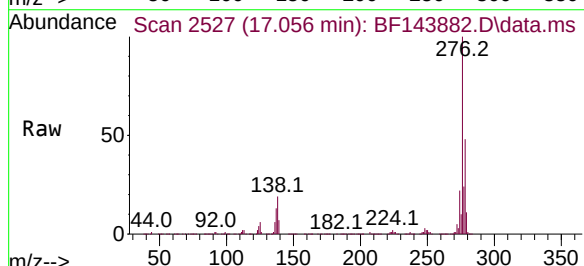
Tgt Ion:276 Resp: 1786876

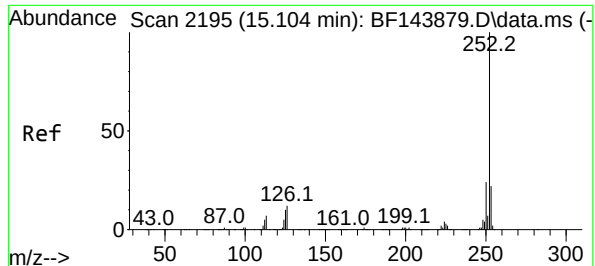
Ion Ratio Lower Upper

276 100

138 21.5 18.2 27.2

277 24.7 19.8 29.6





#88

Benzo(b)fluoranthene

Concen: 69.645 ng

RT: 15.115 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1431875

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

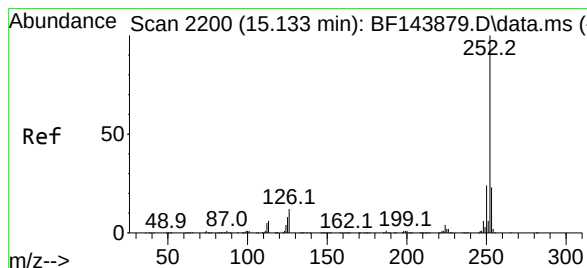
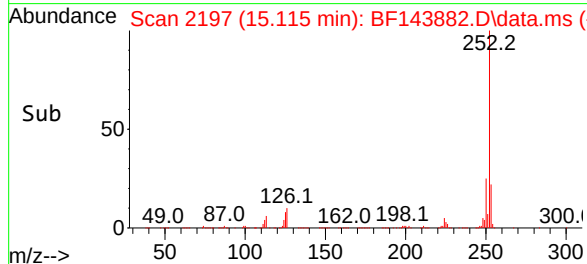
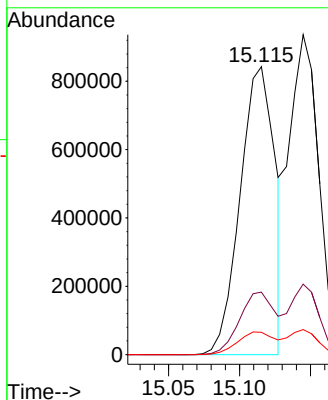
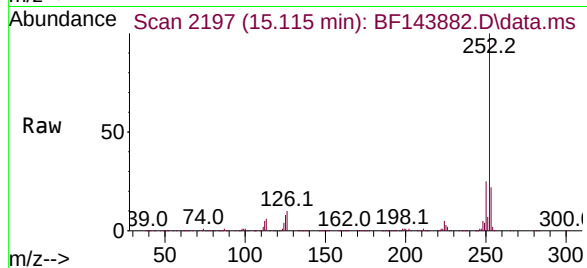
125 7.8 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#89

Benzo(k)fluoranthene

Concen: 71.595 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

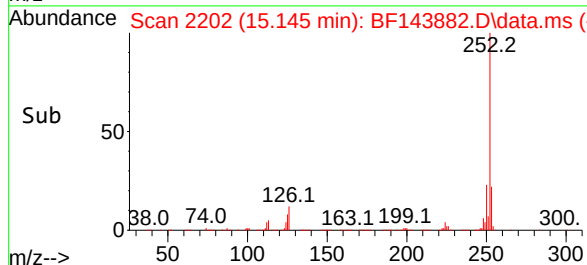
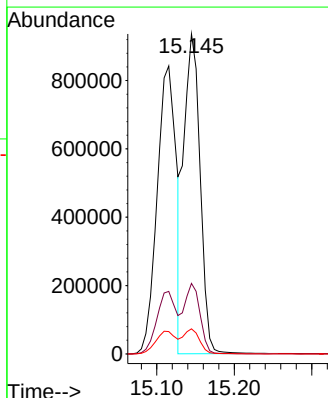
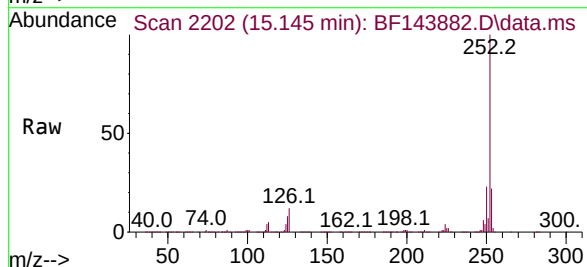
Tgt Ion:252 Resp: 1362026

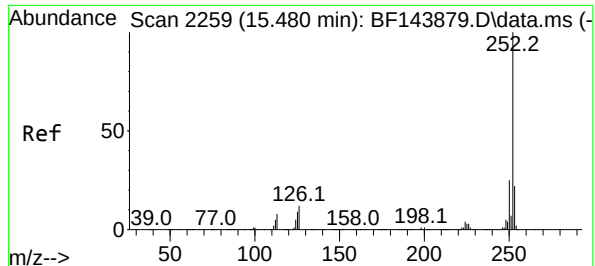
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

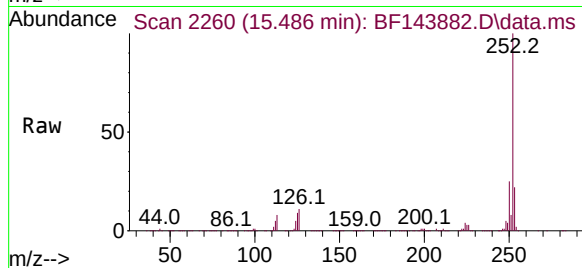
125 7.8 7.4 11.2





#90  
Benzo(a)pyrene  
Concen: 74.151 ng  
RT: 15.486 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

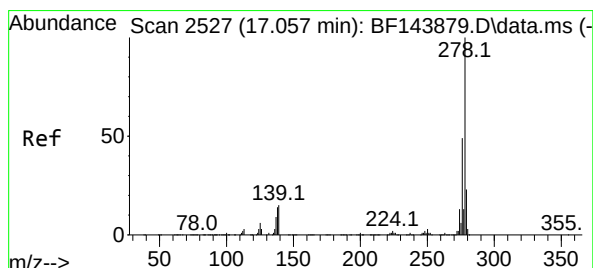
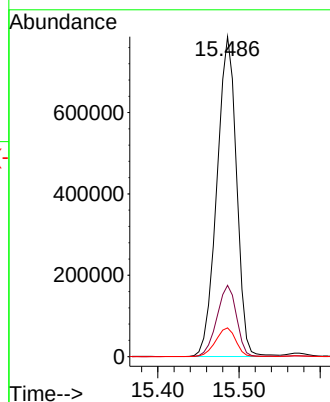
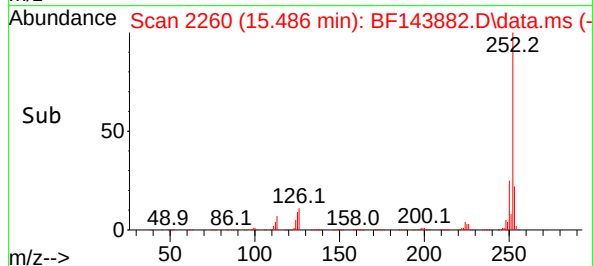
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080



Tgt Ion:252 Resp: 1321893  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.3 25.9  
125 9.0 7.0 10.4

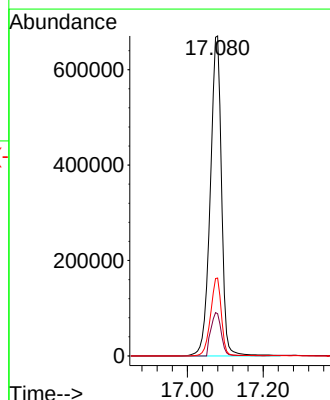
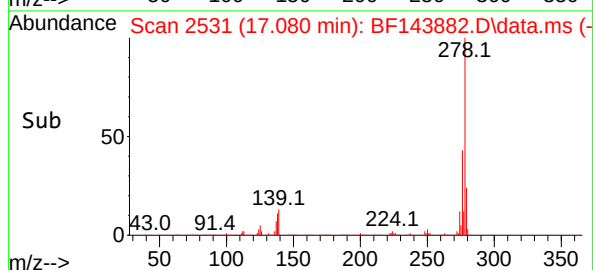
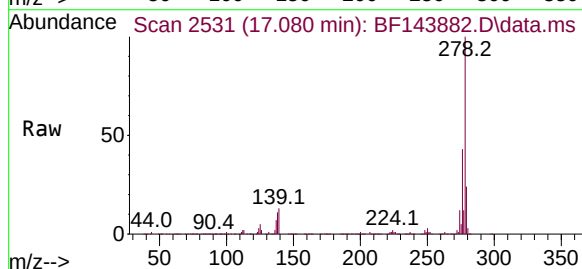
Manual Integrations  
APPROVED

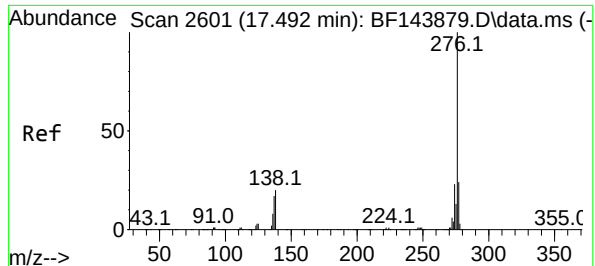
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#91  
Dibenzo(a,h)anthracene  
Concen: 78.895 ng  
RT: 17.080 min Scan# 2531  
Delta R.T. 0.000 min  
Lab File: BF143882.D  
Acq: 06 Oct 2025 14:22

Tgt Ion:278 Resp: 1391562  
Ion Ratio Lower Upper  
278 100  
139 13.2 11.7 17.5  
279 24.3 18.4 27.6





#92

Benzo(g,h,i)perylene

Concen: 82.305 ng

RT: 17.515 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143882.D

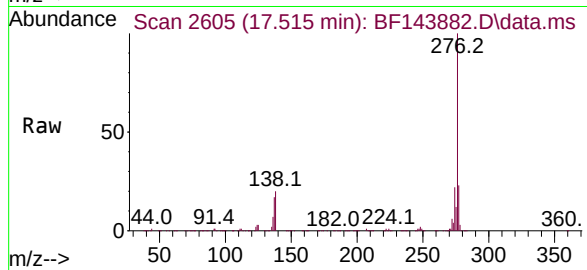
Acq: 06 Oct 2025 14:22

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 145172

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

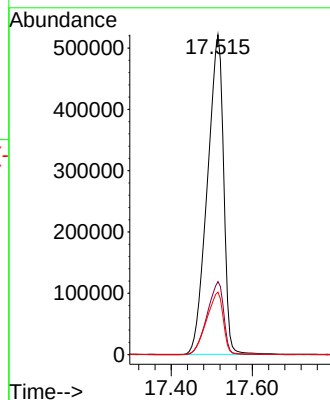
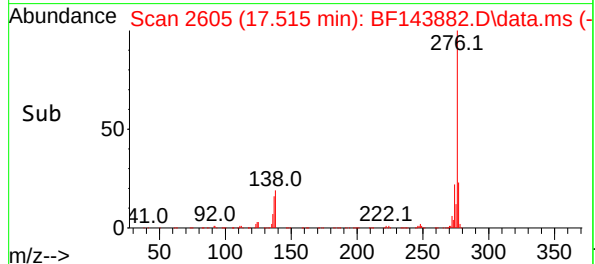
138 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 114039   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 448972   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 247780   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 431562   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 259802   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.539 | 264  | 249446   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 537941   | 74.908 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 637597   | 74.487 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 549291   | 74.330 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 176914   | 71.685 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1055942  | 67.621 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 1131636  | 74.443 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.652  | 88   | 123809   | 37.256 | ng    | 99       |
| 3) Pyridine                   | 3.410  | 79   | 341125   | 35.261 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 195710   | 38.456 | ng    | 97       |
| 6) Aniline                    | 6.545  | 93   | 486607   | 37.937 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 267562   | 38.116 | ng    | 98       |
| 9) Benzaldehyde               | 6.434  | 77   | 245247   | 37.141 | ng    | 99       |
| 10) Phenol                    | 6.516  | 94   | 383770m  | 37.501 | ng    |          |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 289024   | 36.561 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 317865   | 37.828 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 318221   | 38.392 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 314832   | 39.655 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 249958   | 38.974 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 676009   | 37.568 | ng    | 99       |
| 17) 2-Methylphenol            | 7.128  | 107  | 222497   | 38.352 | ng    | 96       |
| 18) Hexachloroethane          | 7.398  | 117  | 104363   | 37.755 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 214516   | 36.612 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 268144   | 39.880 | ng    | 94       |
| 22) Acetophenone              | 7.292  | 105  | 358014   | 37.713 | ng    | 96       |
| 24) Nitrobenzene              | 7.463  | 77   | 309611   | 37.727 | ng    | 100      |
| 25) Isophorone                | 7.704  | 82   | 550779   | 35.347 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 136223   | 38.717 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 258524   | 40.847 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 360632   | 36.639 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.016  | 162  | 243265   | 36.899 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 243161   | 37.503 | ng    | 98       |
| 31) Naphthalene               | 8.186  | 128  | 749110   | 36.679 | ng    | 99       |
| 32) Benzoic acid              | 7.904  | 122  | 154019   | 35.162 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 321328   | 41.950 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 158600   | 35.201 | ng    | 95       |
| 35) Caprolactam               | 8.598  | 113  | 79102    | 37.736 | ng    | 93       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 228481   | 36.079 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 452442   | 33.257 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 465414   | 35.269 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 254223   | 37.122 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 139168   | 48.984 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 9.151  | 196  | 183769   | 36.726 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025  
 Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

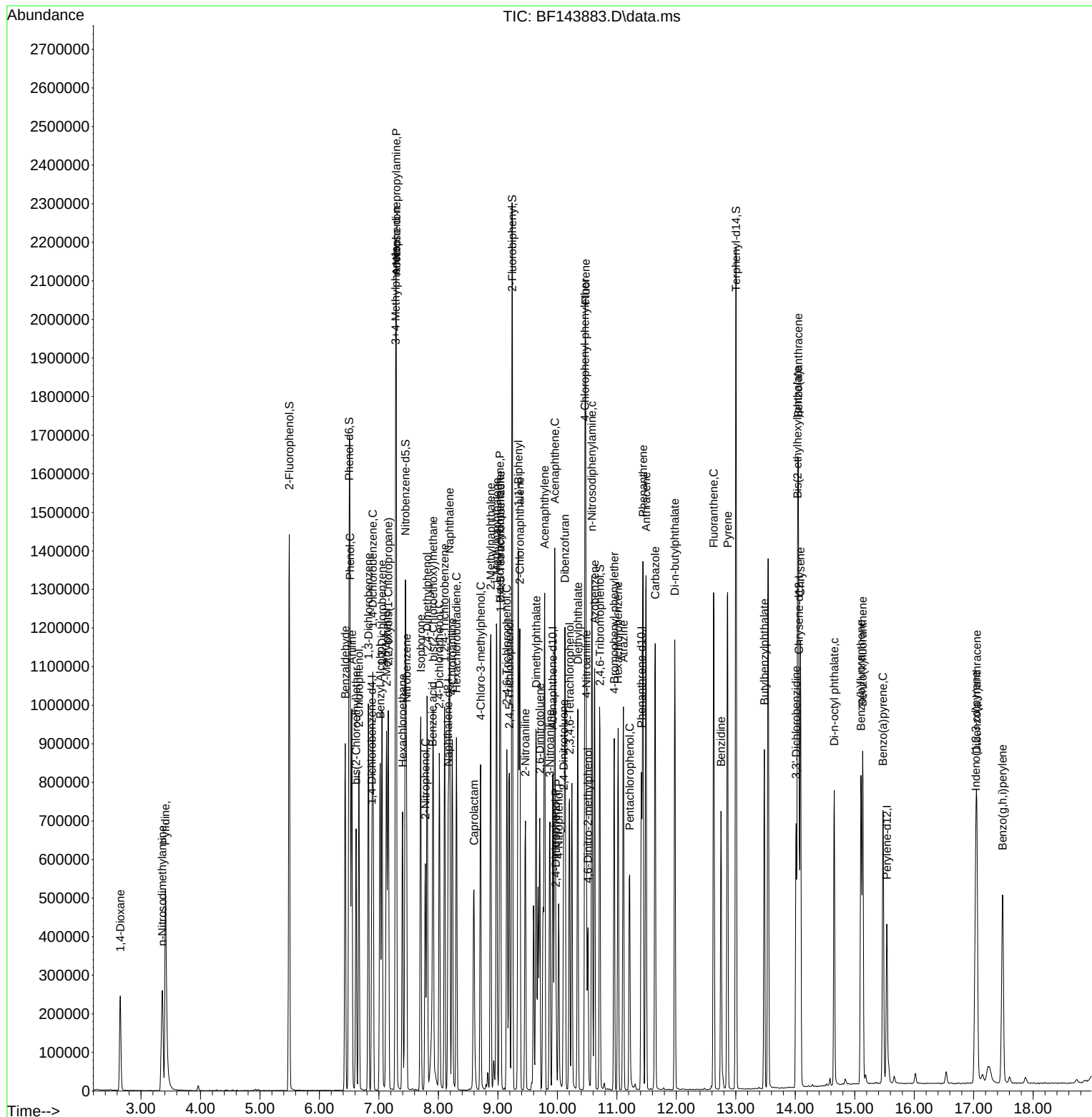
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 186099   | 35.194 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 603213   | 36.770 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 498615   | 36.454 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 168191   | 38.894 | ng    | 99       |
| 49) Acenaphthylene            | 9.786  | 152  | 785697   | 40.859 | ng    | 99       |
| 50) Dimethylphthalate         | 9.645  | 163  | 565953   | 35.968 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 122449   | 41.967 | ng    | 99       |
| 52) Acenaphthene              | 9.957  | 154  | 452513   | 35.913 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 144668   | 40.493 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 52796    | 33.731 | ng    | # 42     |
| 55) Dibenzofuran              | 10.127 | 168  | 653073   | 36.717 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.022 | 139  | 99684    | 36.850 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 10.104 | 165  | 163440   | 41.169 | ng    | 99       |
| 58) Fluorene                  | 10.475 | 166  | 476811   | 35.527 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232  | 144064   | 38.488 | ng    | 93       |
| 60) Diethylphthalate          | 10.345 | 149  | 533574   | 36.501 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 256247   | 36.113 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 127369   | 37.074 | ng    | 99       |
| 63) Azobenzene                | 10.627 | 77   | 562787   | 36.837 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 80422    | 37.083 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 496618   | 36.649 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 162033   | 33.973 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 190028   | 34.415 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 160244   | 39.016 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 104958   | 33.097 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 743609   | 35.542 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 766674   | 36.273 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 678522   | 36.246 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 806451   | 37.171 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 778418   | 36.019 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 409653   | 45.411 | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 789075   | 36.431 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 274237   | 38.986 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 614473   | 36.142 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 221480   | 42.747 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 594668   | 37.792 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 326966   | 38.560 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 502989   | 36.116 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.033 | 276  | 563492   | 36.867 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.104 | 252  | 537814   | 37.533 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.133 | 252  | 467396   | 35.252 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.474 | 252  | 470896   | 37.900 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 17.051 | 278  | 454776   | 36.995 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.486 | 276  | 456833   | 37.162 | ng    | 98       |

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

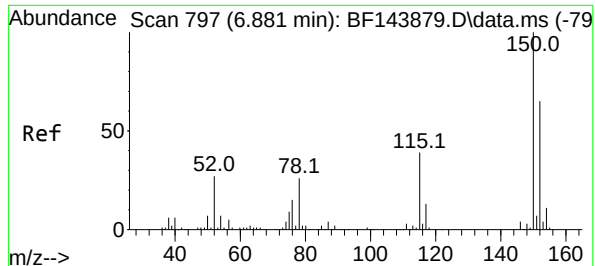
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
ICVBF100625

## Manual Integrations

Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025







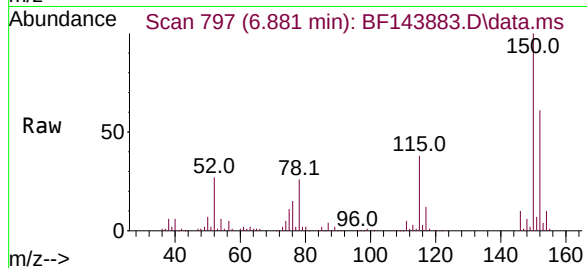
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625



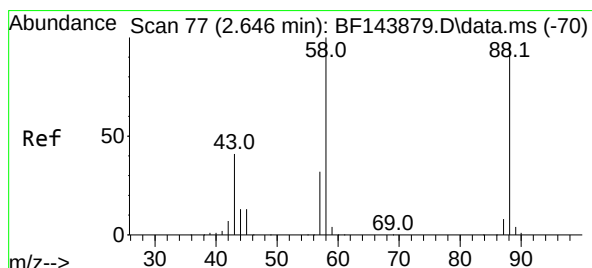
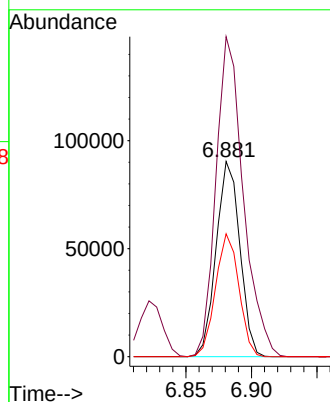
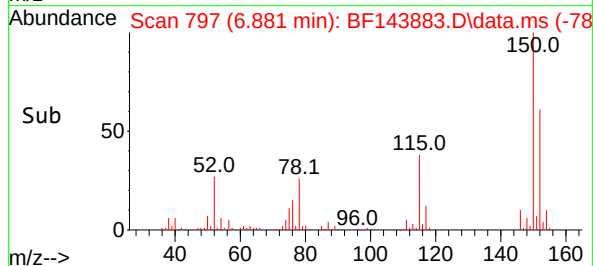
Tgt Ion:152 Resp: 114039  
Ion Ratio Lower Upper  
152 100  
150 164.0 124.4 186.6  
115 62.9 48.1 72.1

Manual Integrations

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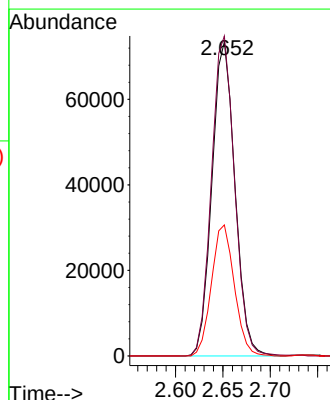
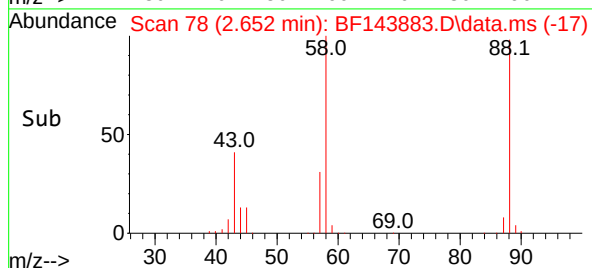
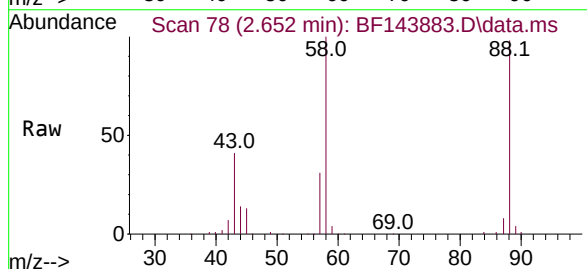
Reviewed By :Rahul Chavli 10/07/2025

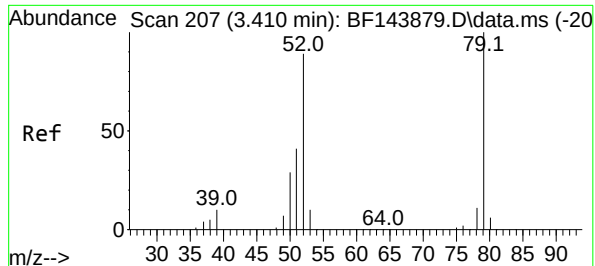
Supervised By :Jagrut Upadhyay 10/07/2025



#2  
1,4-Dioxane  
Concen: 37.256 ng  
RT: 2.652 min Scan# 78  
Delta R.T. 0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion: 88 Resp: 123809  
Ion Ratio Lower Upper  
88 100  
58 102.6 83.0 124.6  
43 41.5 33.9 50.9





#3

Pyridine

Concen: 35.261 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

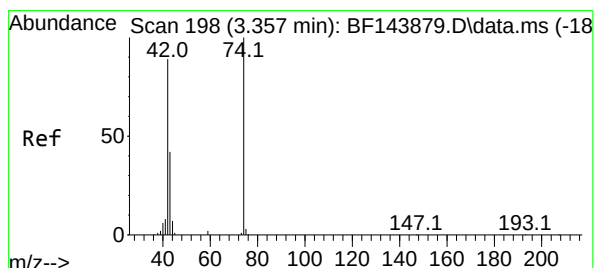
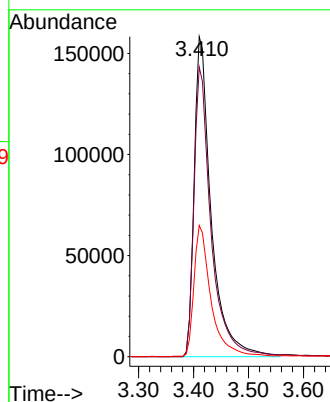
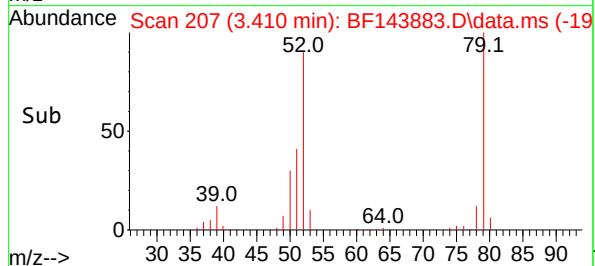
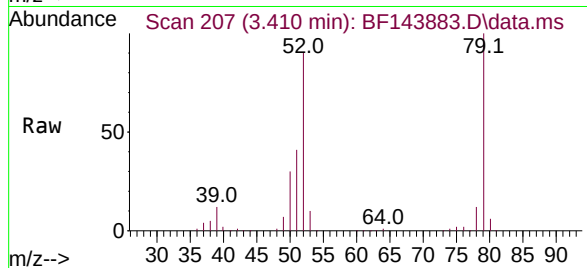
ICVBF100625

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 341125 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 90.5  | 71.5  | 107.3  |
| 51       | 41.0  | 32.9  | 49.3   |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 38.456 ng

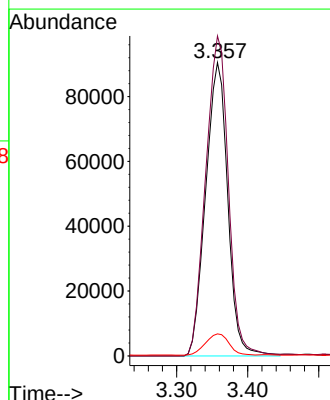
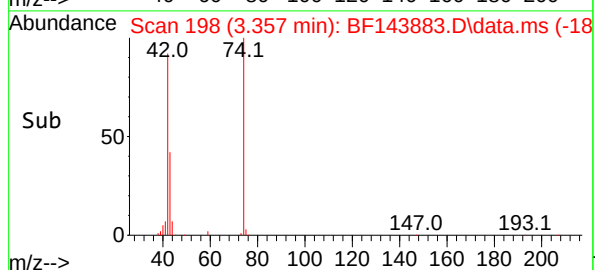
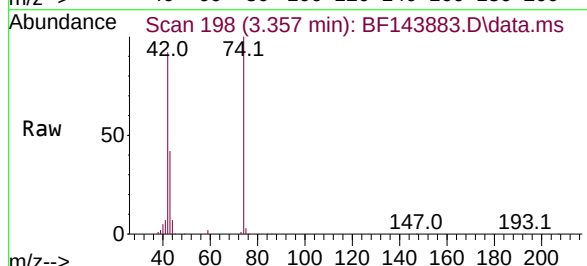
RT: 3.357 min Scan# 198

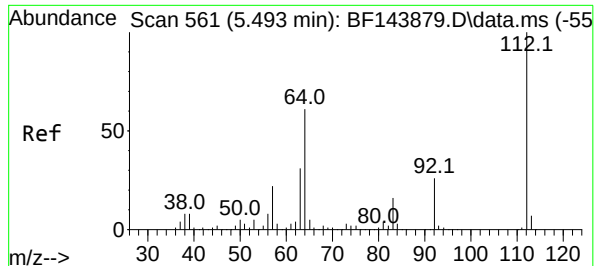
Delta R.T. -0.029 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 195710 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 109.1 | 90.0  | 135.0  |
| 44       | 7.5   | 6.2   | 9.2    |





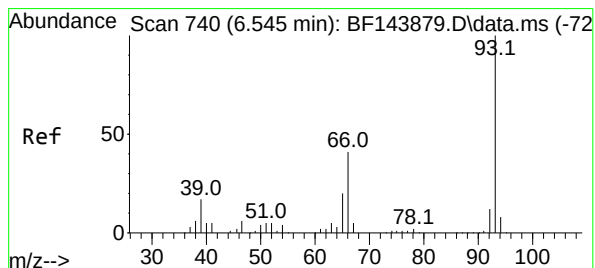
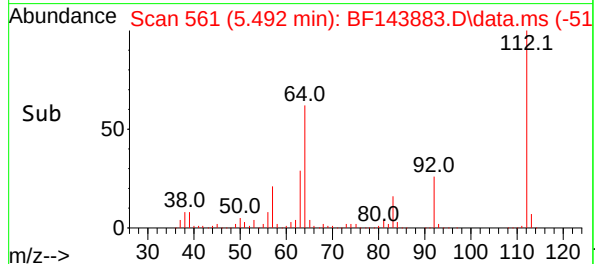
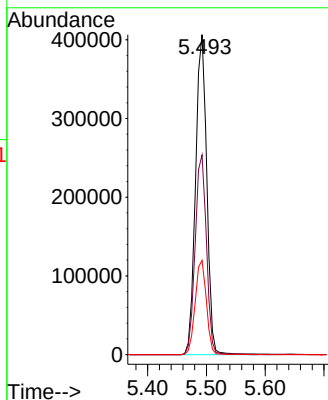
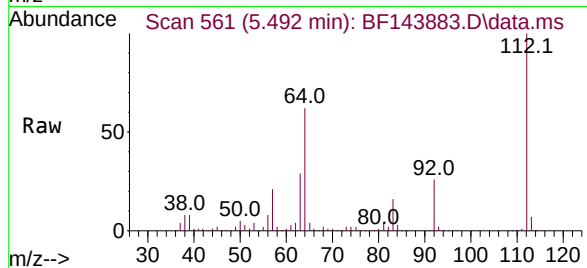
#5  
2-Fluorophenol  
Concen: 74.908 ng  
RT: 5.492 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion:112 Resp: 53794  
Ion Ratio Lower Upper  
112 100  
64 62.4 49.1 73.7  
63 29.4 24.5 36.7

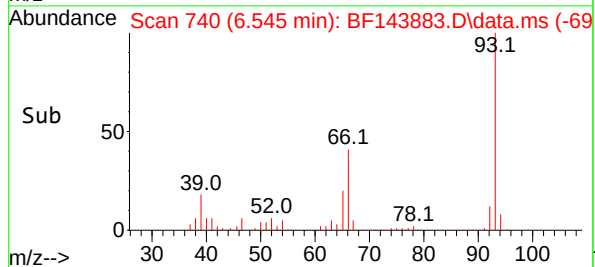
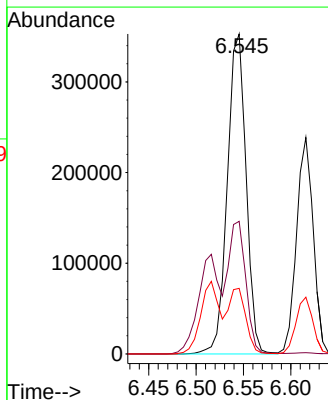
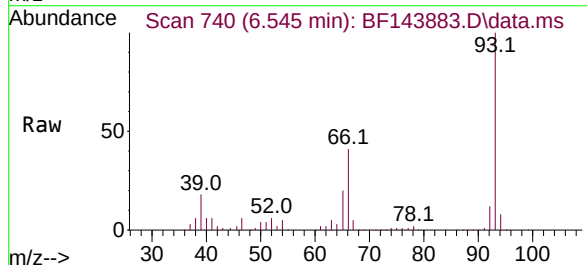
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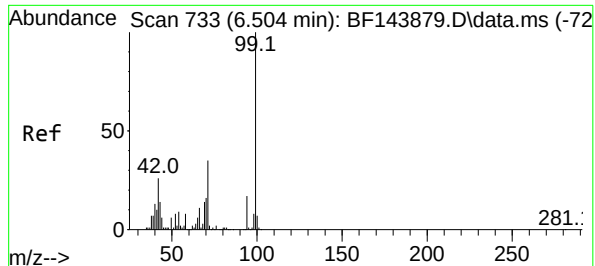
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#6  
Aniline  
Concen: 37.937 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

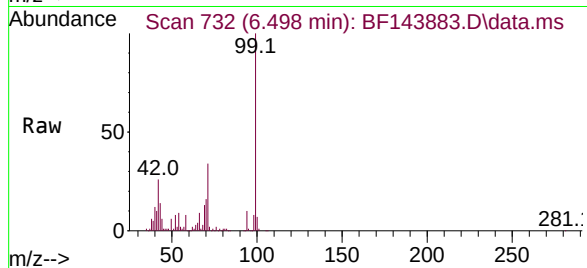
Tgt Ion: 93 Resp: 486607  
Ion Ratio Lower Upper  
93 100  
66 41.4 33.0 49.6  
65 20.5 15.8 23.8





#7  
Phenol-d6  
Concen: 74.487 ng  
RT: 6.498 min Scan# 733  
Delta R.T. -0.018 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

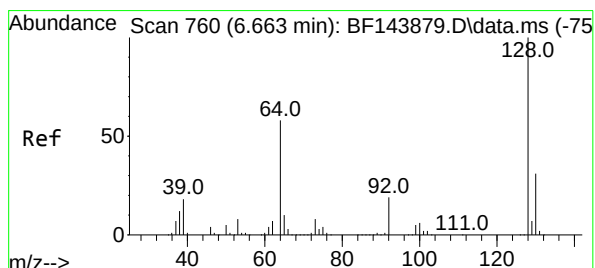
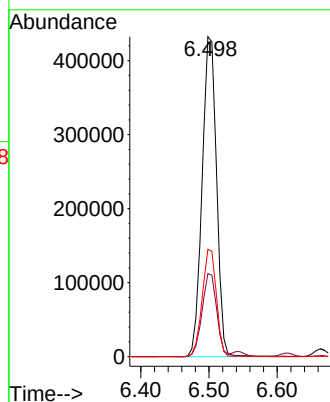
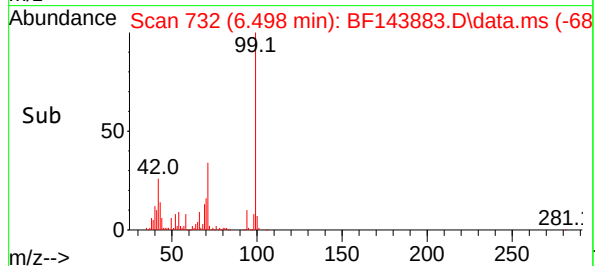
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion: 99 Resp: 637592  
Ion Ratio Lower Upper  
99 100  
42 25.9 21.0 31.4  
71 33.5 27.8 41.8

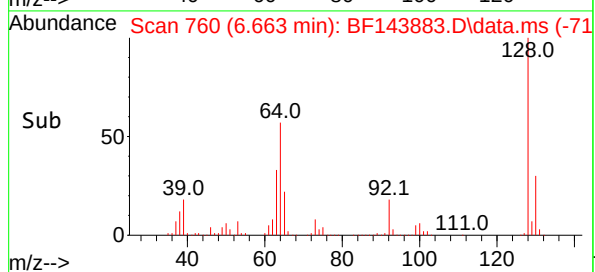
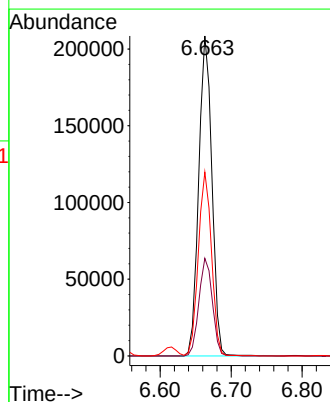
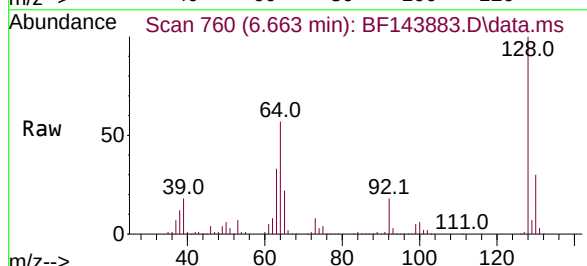
Manual Integrations  
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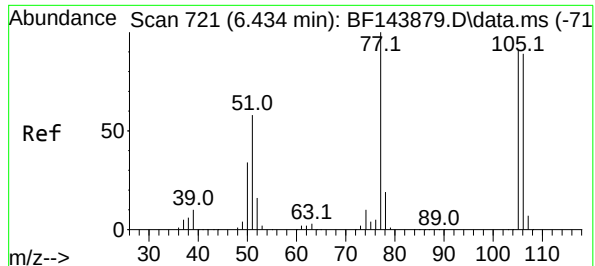
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#8  
2-Chlorophenol  
Concen: 38.116 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

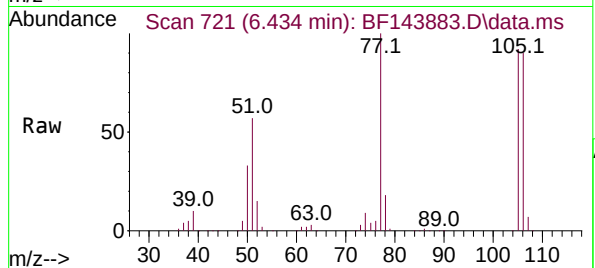
Tgt Ion:128 Resp: 267562  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.7 50.7  
64 57.4 39.0 79.0





#9  
Benzaldehyde  
Concen: 37.141 ng  
RT: 6.434 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

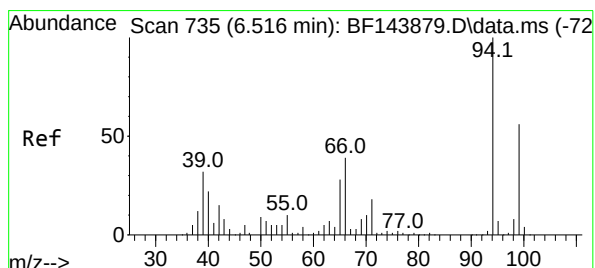
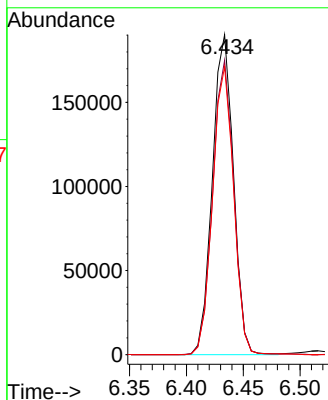
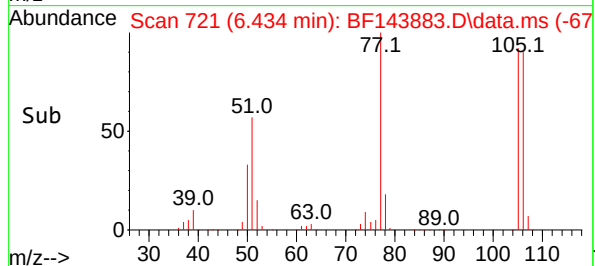
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion: 77 Resp: 24524  
Ion Ratio Lower Upper  
77 100  
105 92.0 70.9 110.9  
106 90.0 68.9 108.9

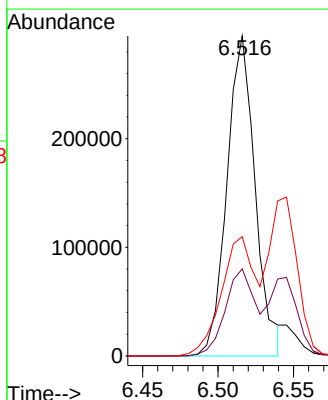
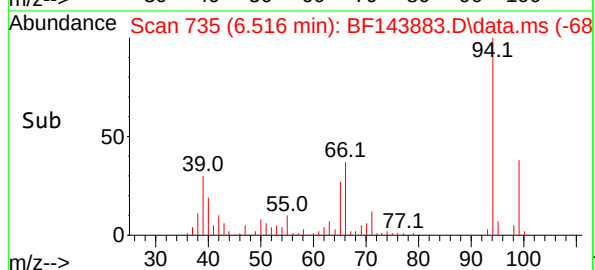
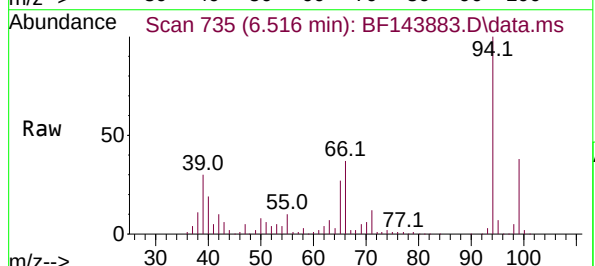
Manual Integrations  
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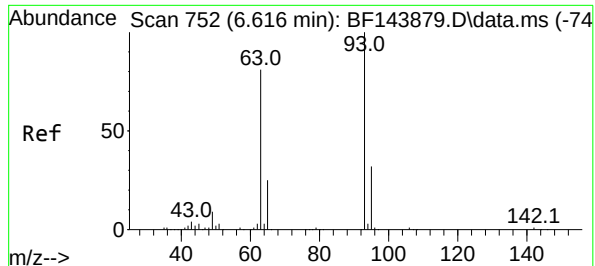
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#10  
Phenol  
Concen: 37.501 ng m  
RT: 6.516 min Scan# 735  
Delta R.T. -0.018 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion: 94 Resp: 383770  
Ion Ratio Lower Upper  
94 100  
65 27.2 8.5 48.5  
66 37.3 19.9 59.9





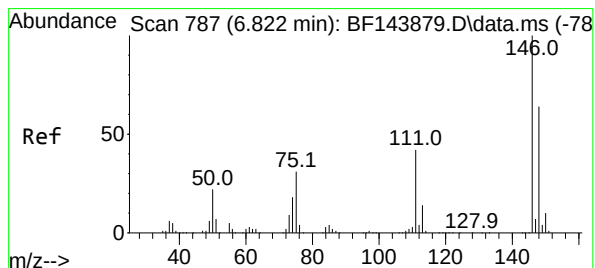
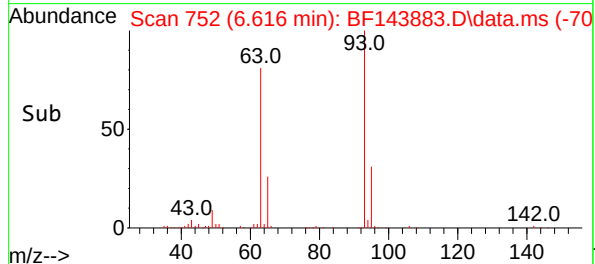
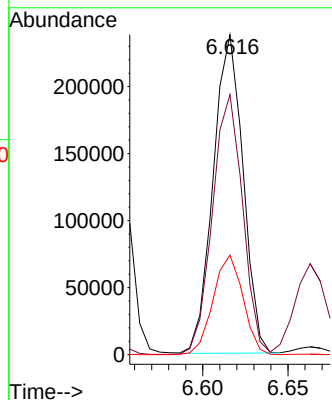
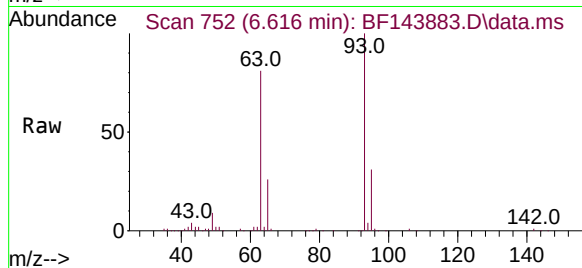
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bis(2-Chloroethyl)ether  
Concen: 36.561 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion: 93 Resp: 289024  
Ion Ratio Lower Upper  
93 100  
63 81.3 60.9 100.9  
95 31.1 11.5 51.5

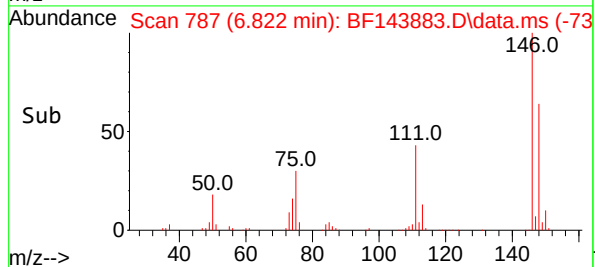
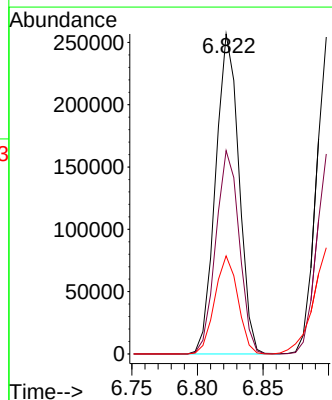
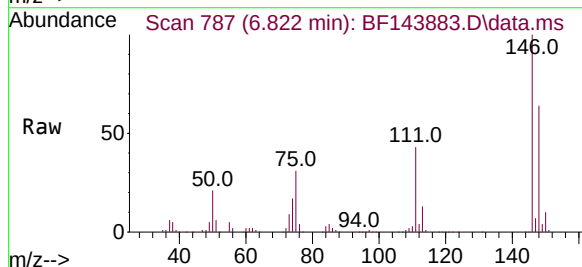
Manual Integrations  
APPROVED

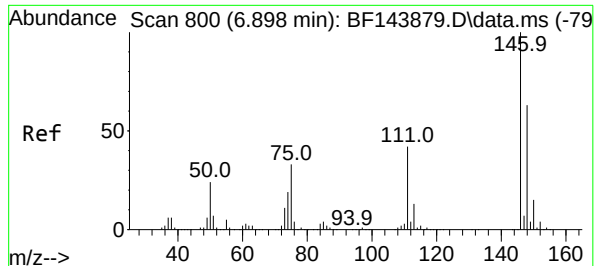
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#12  
1,3-Dichlorobenzene  
Concen: 37.828 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:146 Resp: 317865  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.0 76.4  
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 38.392 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:146 Resp: 31822

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

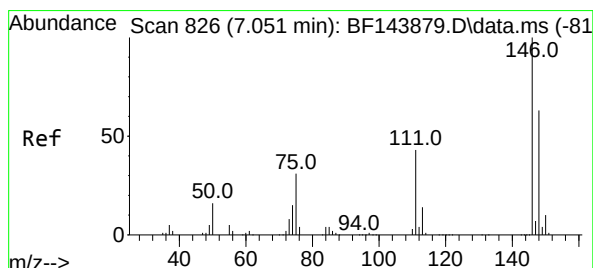
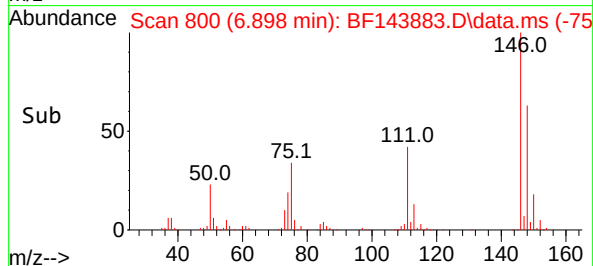
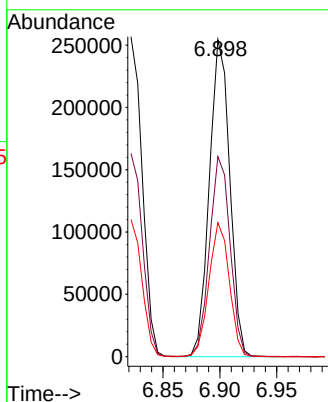
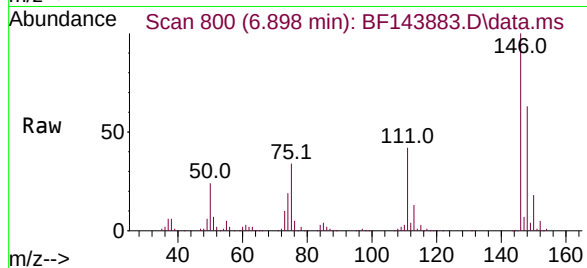
111 42.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#14

1,2-Dichlorobenzene

Concen: 39.655 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

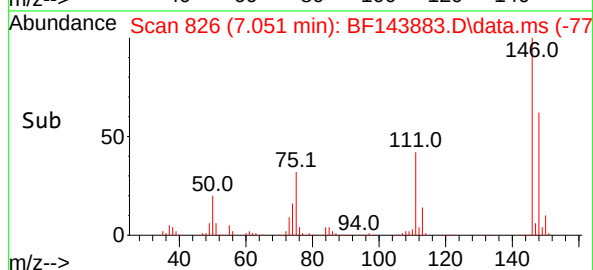
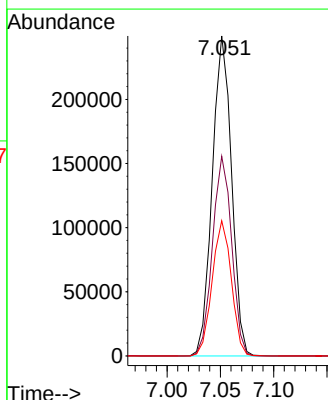
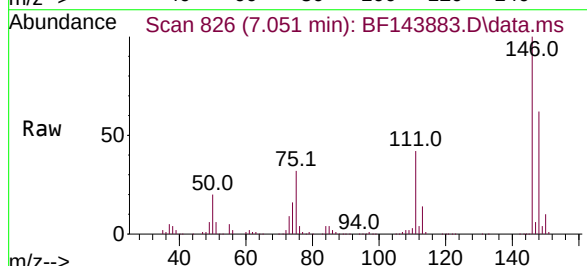
Tgt Ion:146 Resp: 314832

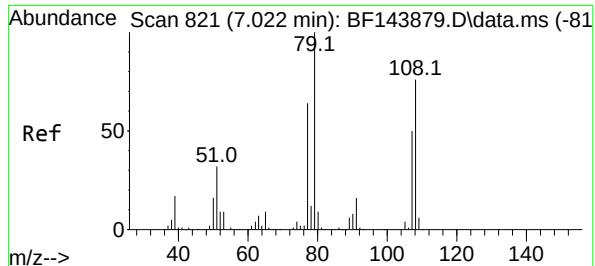
Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

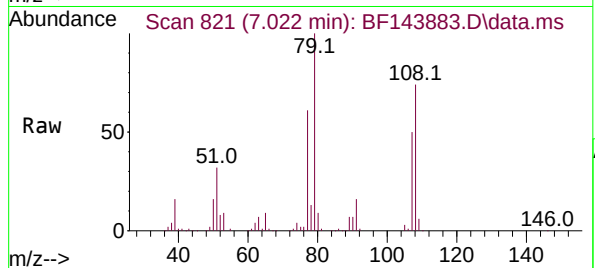
111 42.2 34.6 51.8





#15  
Benzyl Alcohol  
Concen: 38.974 ng  
RT: 7.022 min Scan# 821  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

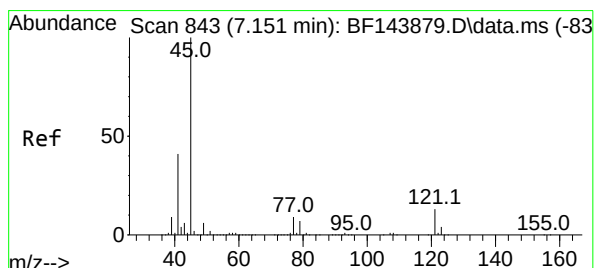
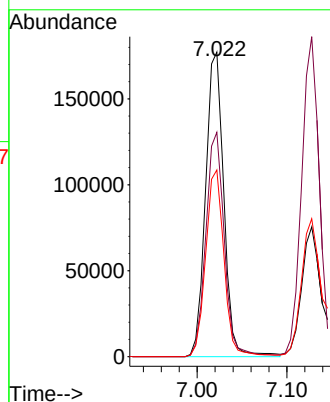
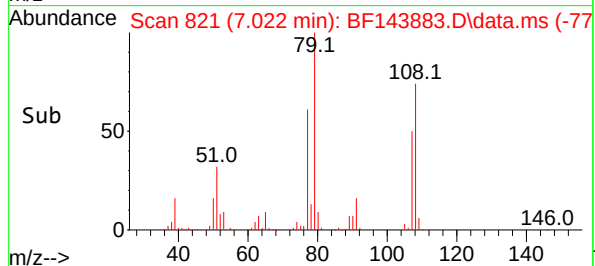
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion: 79 Resp: 249958  
Ion Ratio Lower Upper  
79 100  
108 73.6 60.8 91.2  
77 61.3 51.0 76.6

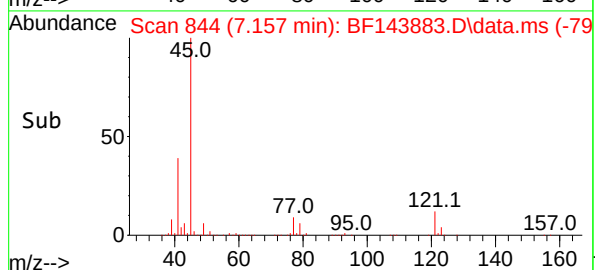
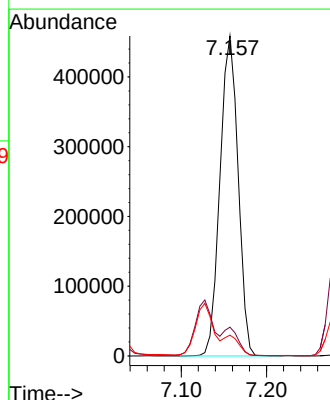
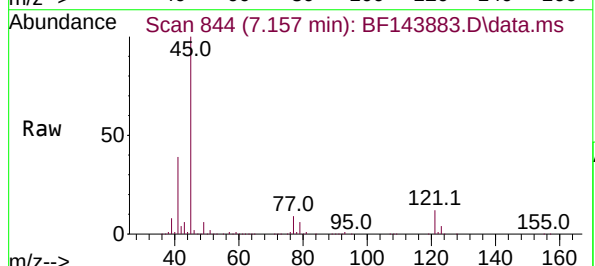
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

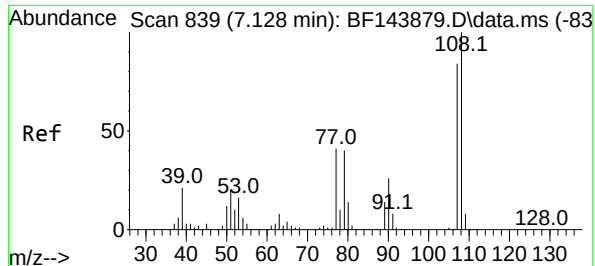


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.568 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion: 45 Resp: 676009  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 29.0  
79 6.5 0.0 26.8

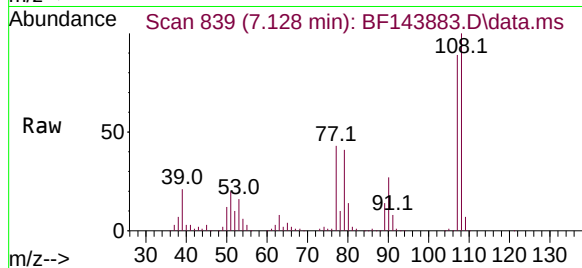






#17  
2-Methylphenol  
Concen: 38.352 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

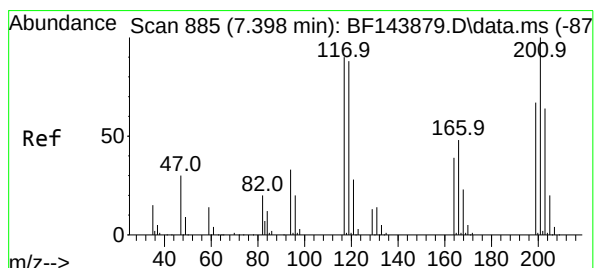
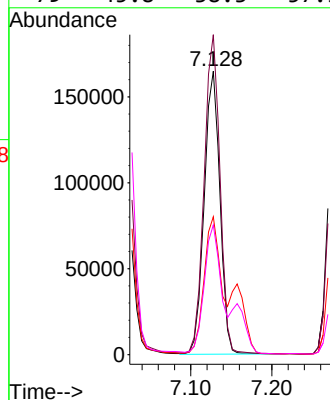
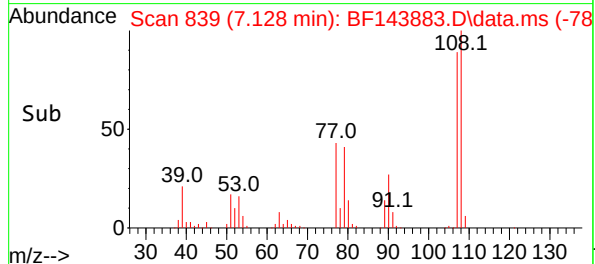
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



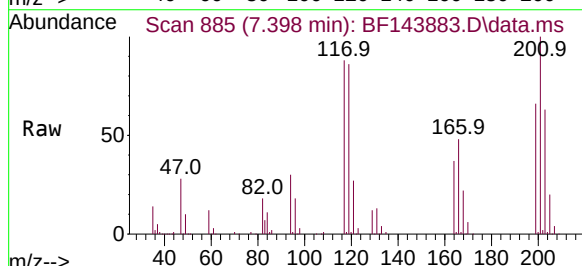
Tgt Ion:107 Resp: 222497  
Ion Ratio Lower Upper  
107 100  
108 112.9 94.7 142.1  
77 48.7 38.8 58.2  
79 45.8 38.3 57.5

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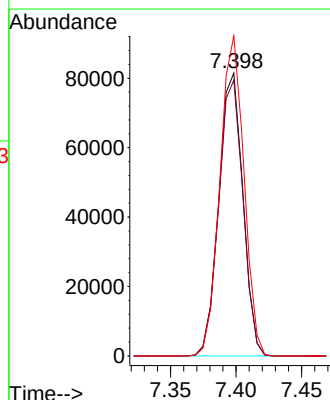
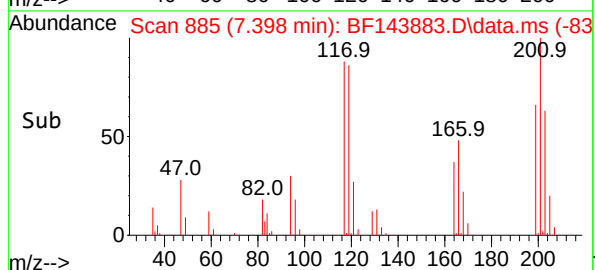
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

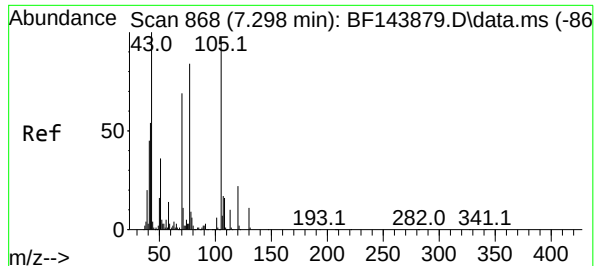


#18  
Hexachloroethane  
Concen: 37.755 ng  
RT: 7.398 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:117 Resp: 104363  
Ion Ratio Lower Upper  
117 100  
119 97.5 77.8 116.8  
201 113.1 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.612 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion: 70 Resp: 214516

Ion Ratio Lower Upper

70 100

42 80.2 62.8 94.2

101 8.3 6.7 10.1

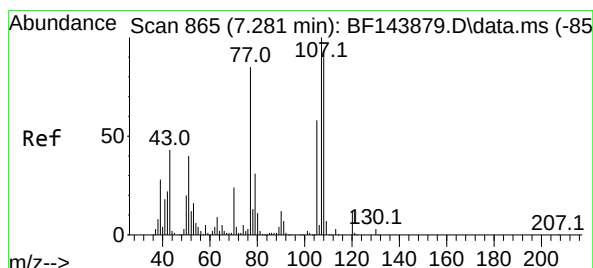
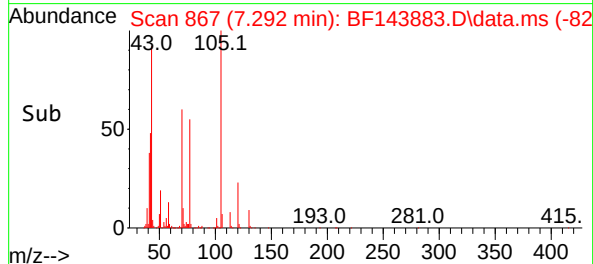
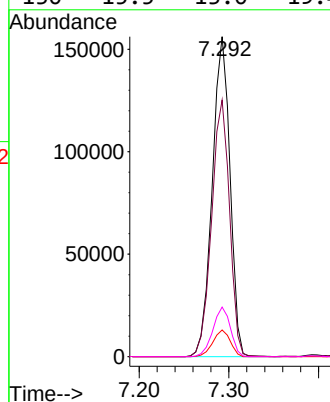
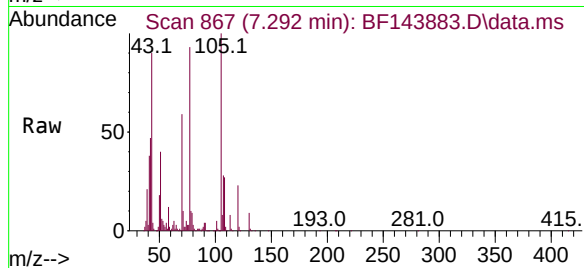
130 15.5 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#20

3+4-Methylphenols

Concen: 39.880 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 268144

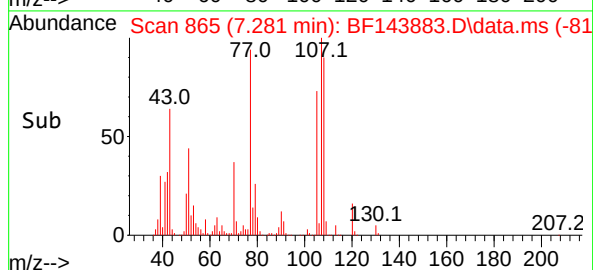
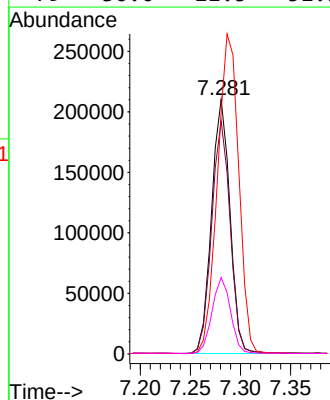
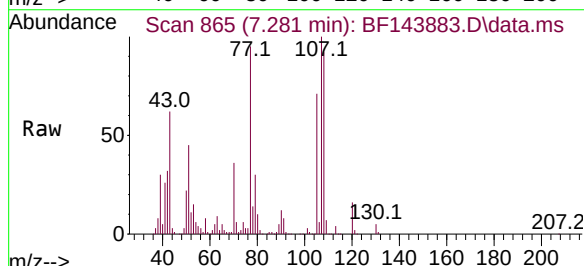
Ion Ratio Lower Upper

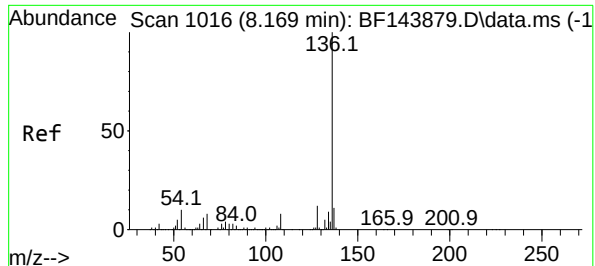
107 100

108 91.5 73.0 113.0

77 95.3 64.6 104.6

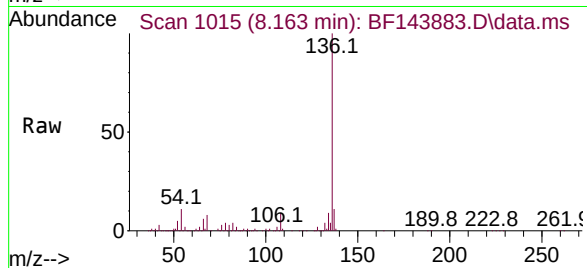
79 30.0 11.5 51.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

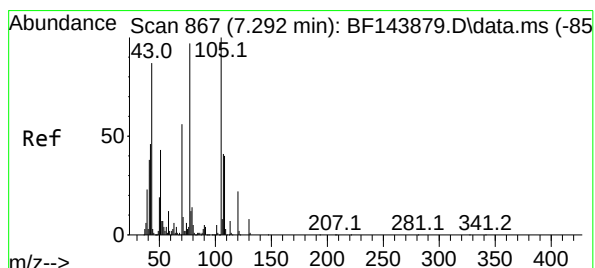
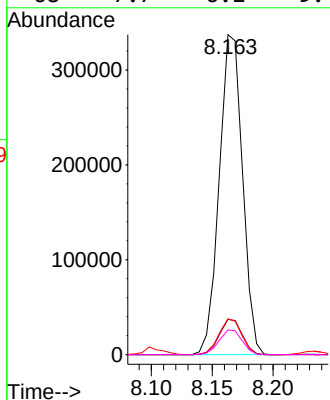
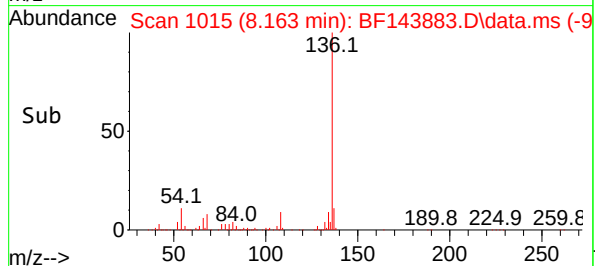
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:136 Resp: 448972  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 11.2 8.2 12.4  
68 7.7 6.2 9.4

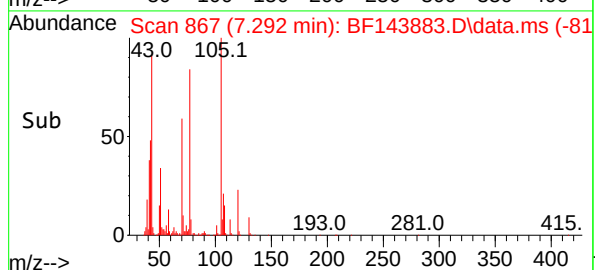
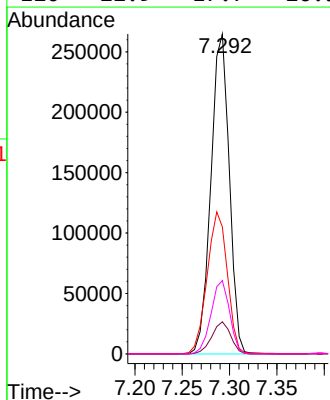
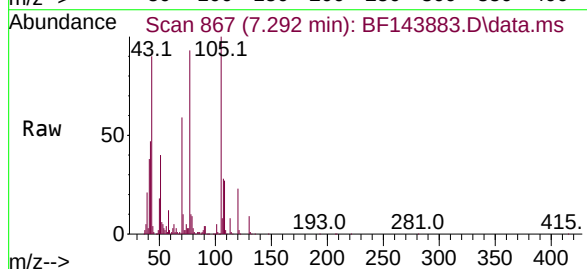
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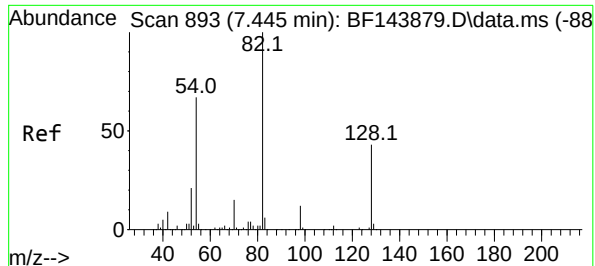
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#22  
Acetophenone  
Concen: 37.713 ng  
RT: 7.292 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:105 Resp: 358014  
Ion Ratio Lower Upper  
105 100  
71 10.0 7.4 11.0  
51 39.7 34.2 51.4  
120 22.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 74.330 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion: 82 Resp: 54929

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

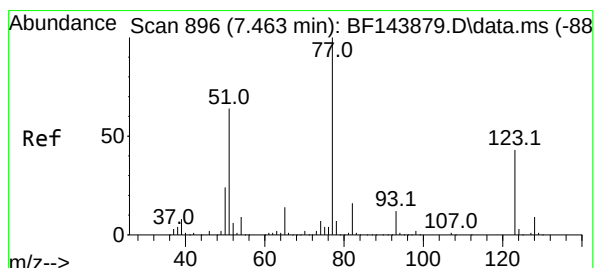
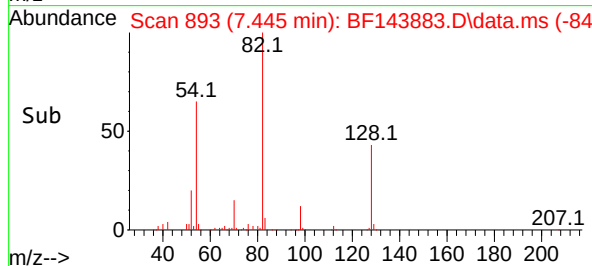
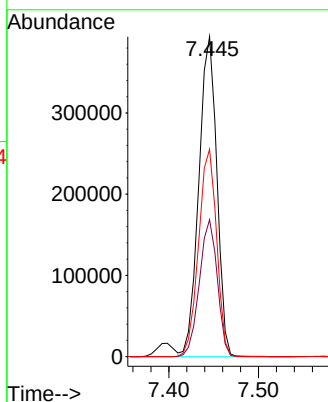
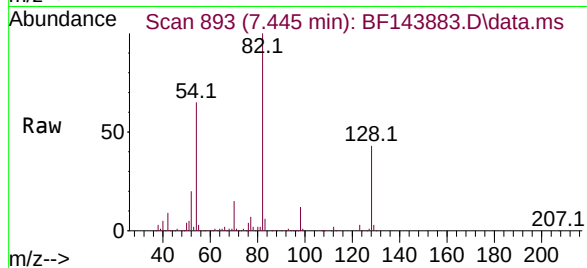
54 64.8 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 37.727 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

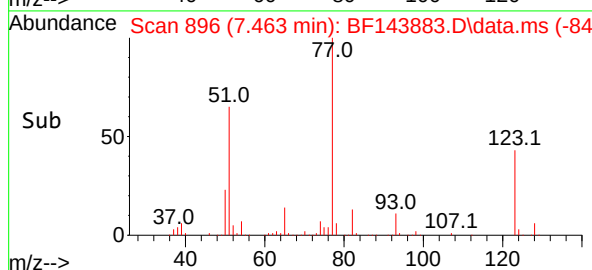
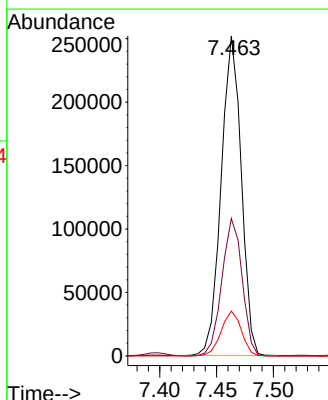
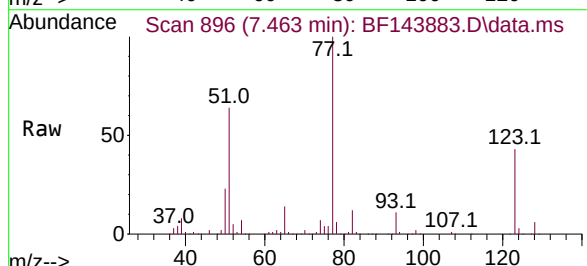
Tgt Ion: 77 Resp: 309611

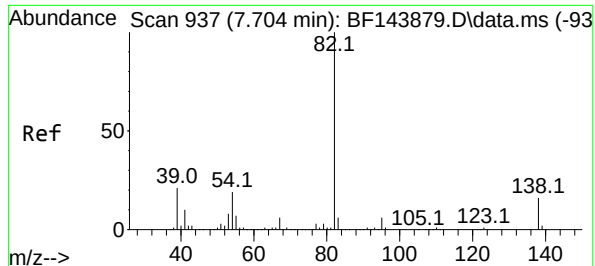
Ion Ratio Lower Upper

77 100

123 42.9 34.2 51.4

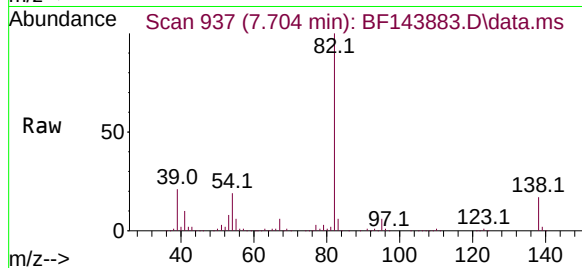
65 14.0 11.0 16.6





#25  
Isophorone  
Concen: 35.347 ng  
RT: 7.704 min Scan# 937  
Delta R.T. -0.018 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

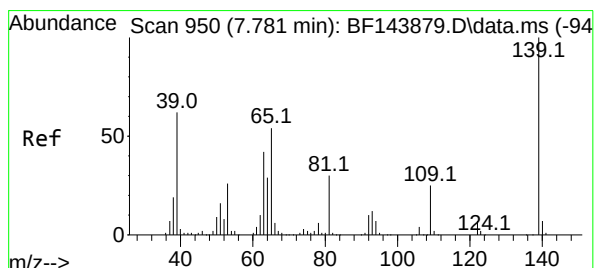
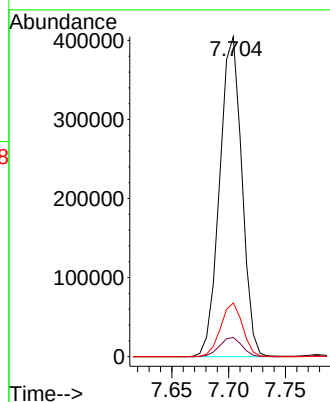
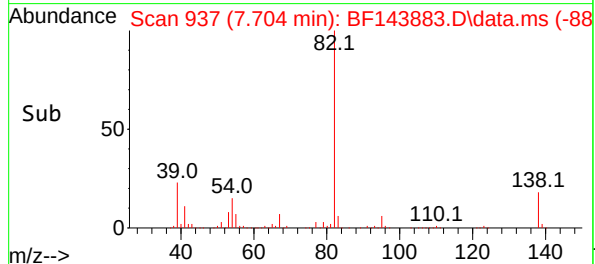
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion: 82 Resp: 550779  
Ion Ratio Lower Upper  
82 100  
95 6.0 5.1 7.7  
138 16.8 12.9 19.3

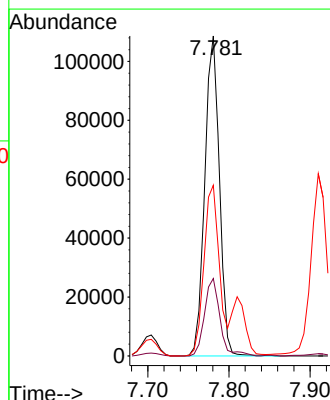
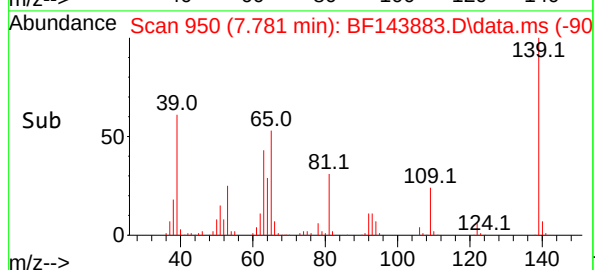
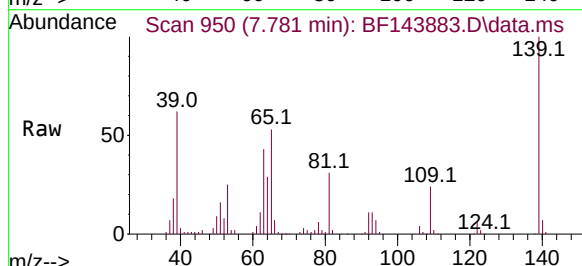
Manual Integrations  
APPROVED

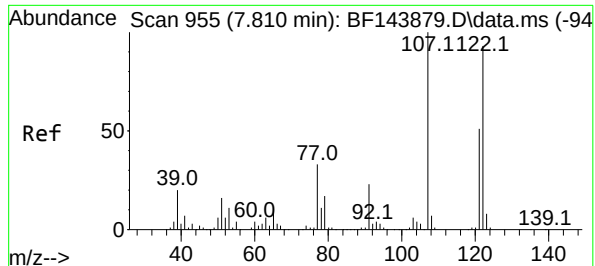
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#26  
2-Nitrophenol  
Concen: 38.717 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

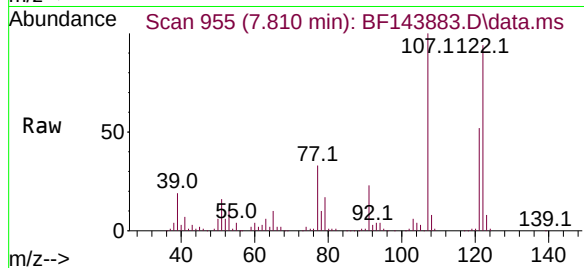
Tgt Ion:139 Resp: 136223  
Ion Ratio Lower Upper  
139 100  
109 24.2 19.8 29.6  
65 53.3 42.9 64.3





#27  
2,4-Dimethylphenol  
Concen: 40.847 ng  
RT: 7.810 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

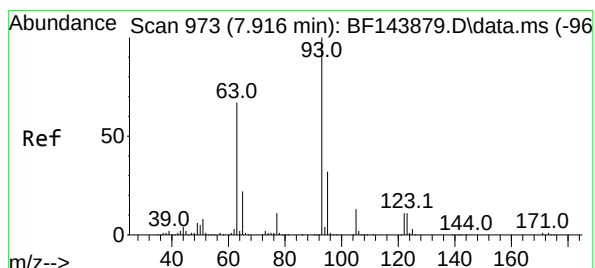
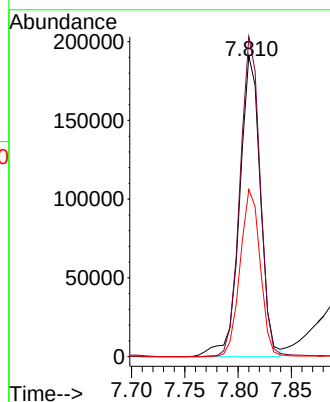
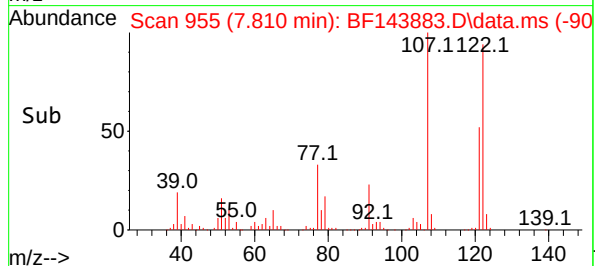
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:122 Resp: 258524  
Ion Ratio Lower Upper  
122 100  
107 106.3 86.1 129.1  
121 55.5 43.8 65.6

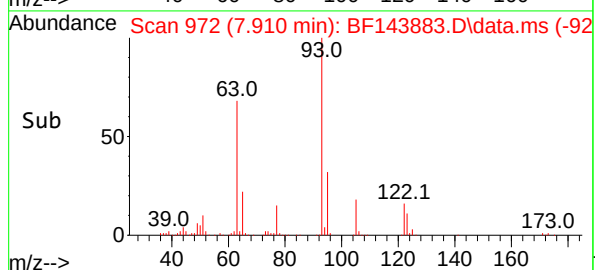
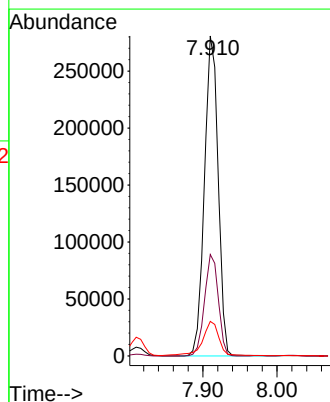
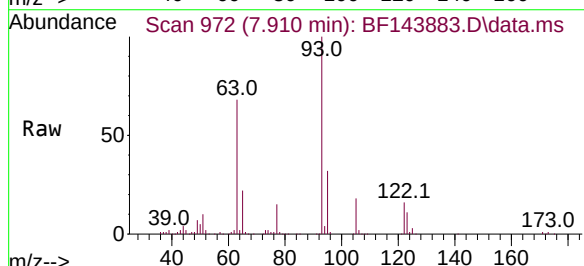
Manual Integrations  
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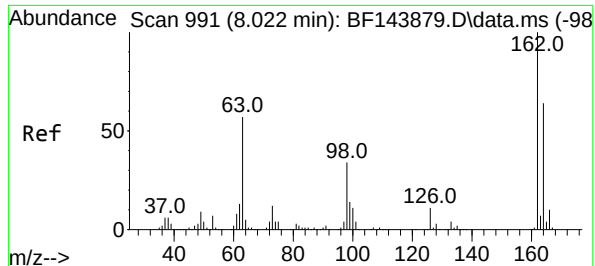
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.639 ng  
RT: 7.910 min Scan# 972  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 360632  
Ion Ratio Lower Upper  
93 100  
95 31.7 25.9 38.9  
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.899 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:162 Resp: 243265

Ion Ratio Lower Upper

162 100

164 61.1 43.9 83.9

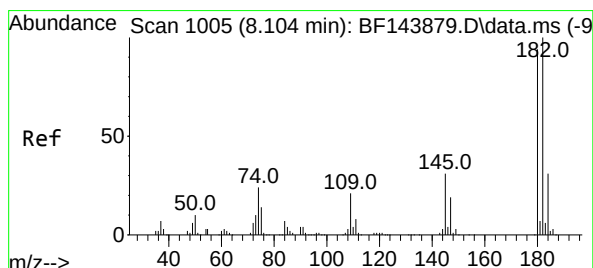
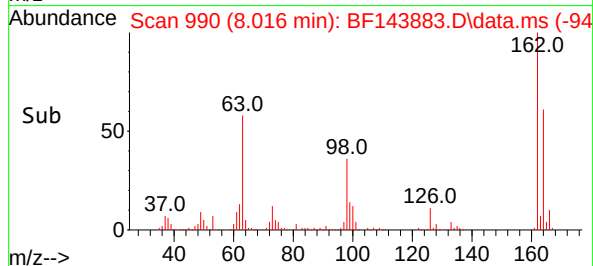
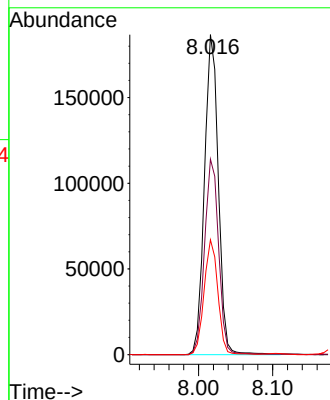
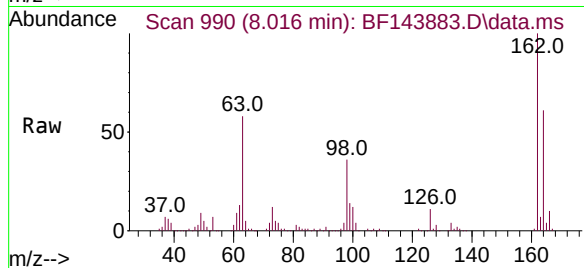
98 35.9 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 37.503 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

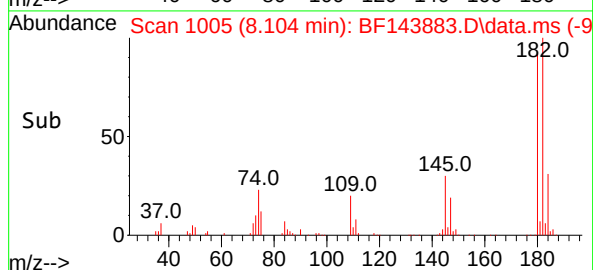
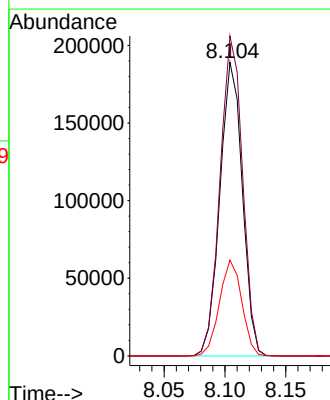
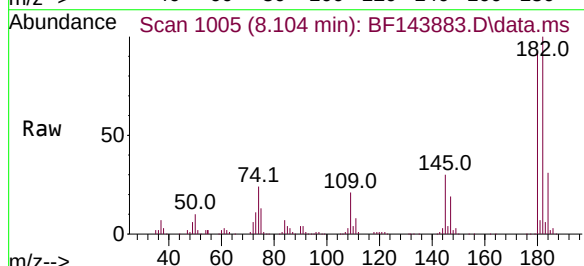
Tgt Ion:180 Resp: 243161

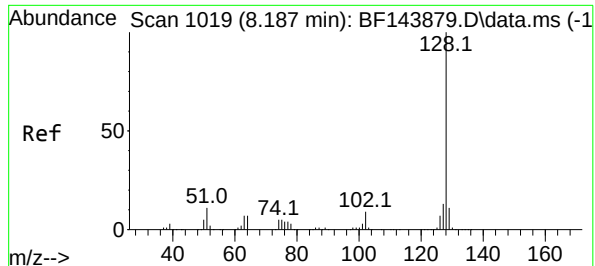
Ion Ratio Lower Upper

180 100

182 109.0 85.4 128.0

145 32.7 26.3 39.5





#31

Naphthalene

Concen: 36.679 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:128 Resp: 749110

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

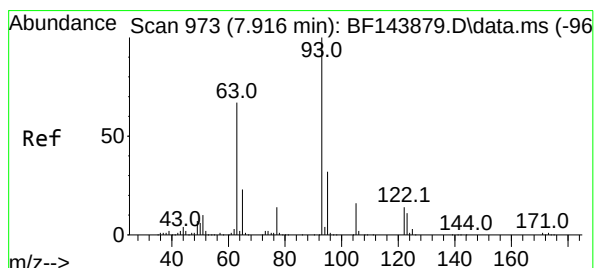
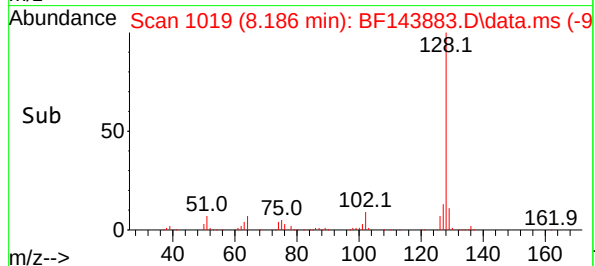
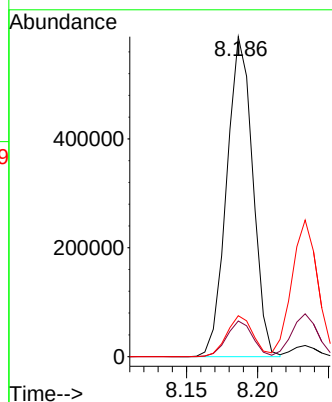
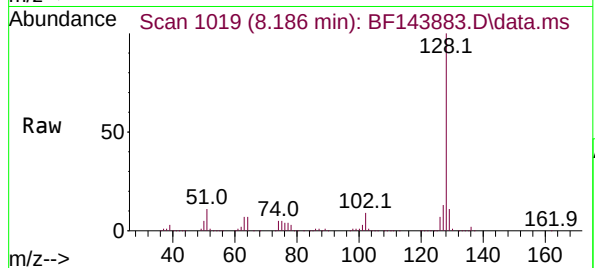
127 12.8 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#32

Benzoic acid

Concen: 35.162 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.059 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

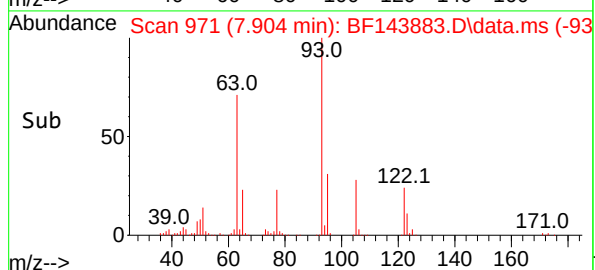
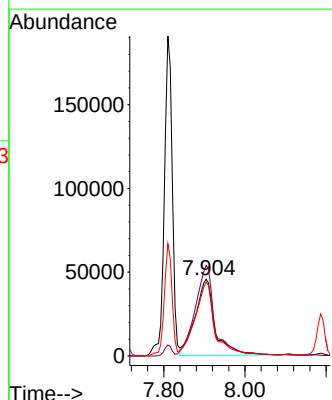
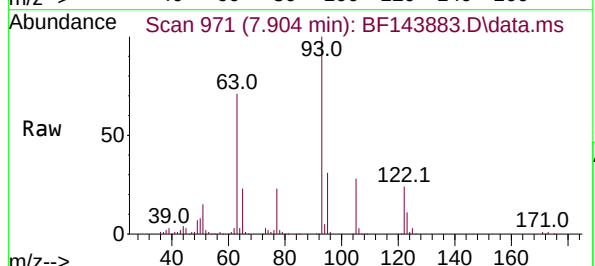
Tgt Ion:122 Resp: 154019

Ion Ratio Lower Upper

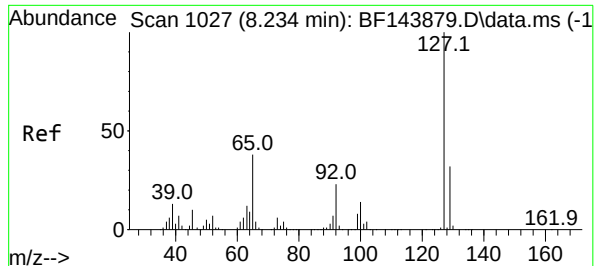
122 100

105 118.0 93.5 133.5

77 96.2 76.3 116.3

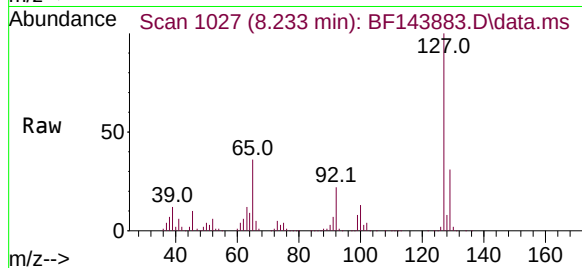






#33  
4-Chloroaniline  
Concen: 41.950 ng  
RT: 8.233 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

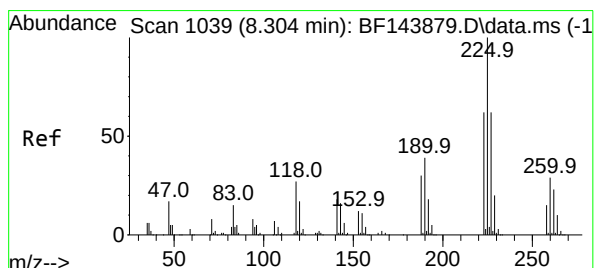
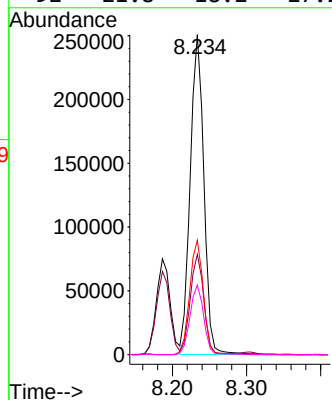
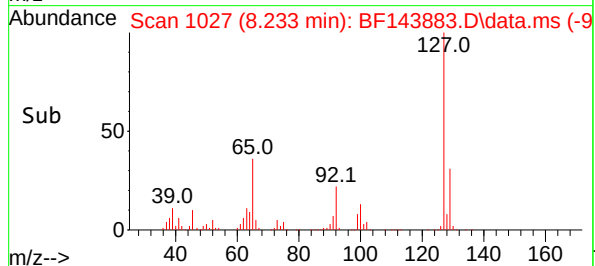
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:127 Resp: 321328  
Ion Ratio Lower Upper  
127 100  
129 31.3 25.8 38.8  
65 35.7 30.0 45.0  
92 21.8 18.2 27.2

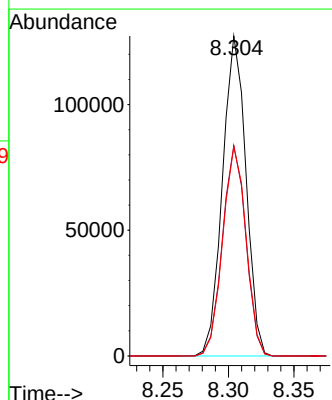
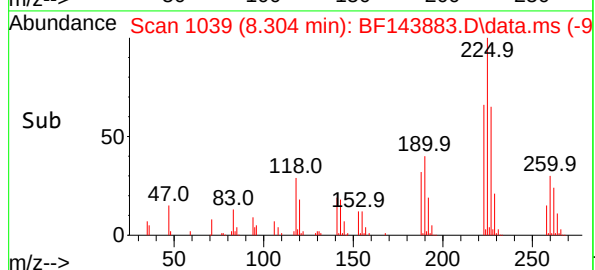
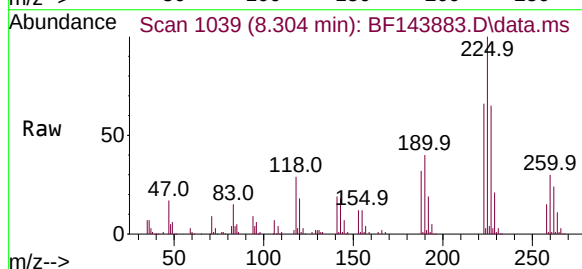
Manual Integrations  
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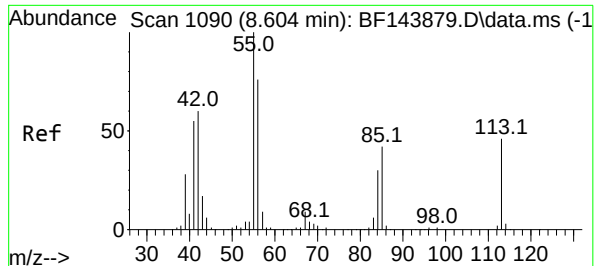
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#34  
Hexachlorobutadiene  
Concen: 35.201 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:225 Resp: 158600  
Ion Ratio Lower Upper  
225 100  
223 65.7 49.4 74.2  
227 65.4 49.7 74.5





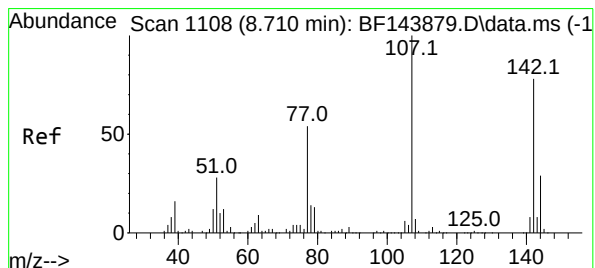
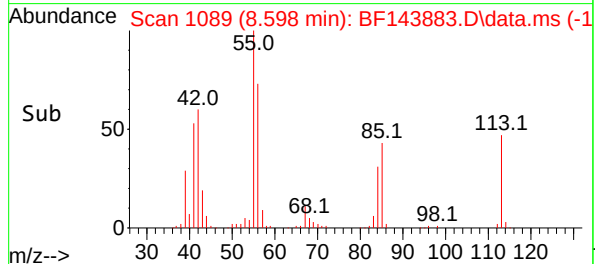
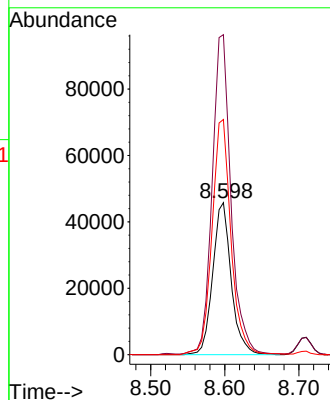
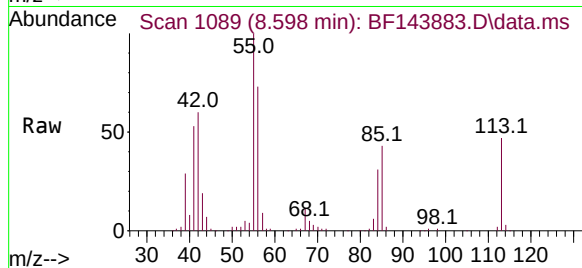
#35  
Caprolactam  
Concen: 37.736 ng  
RT: 8.598 min Scan# 1089  
Delta R.T. -0.047 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion:113 Resp: 79102  
Ion Ratio Lower Upper  
113 100  
55 210.6 199.6 239.6  
56 154.8 146.0 186.0

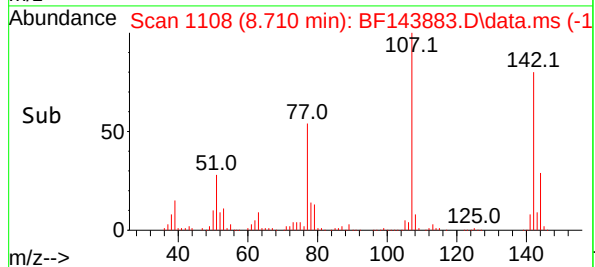
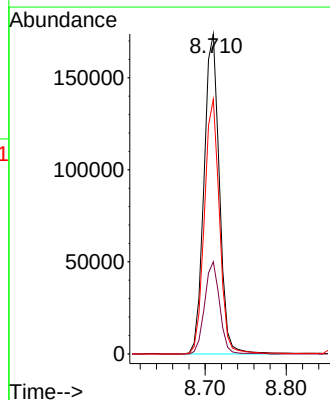
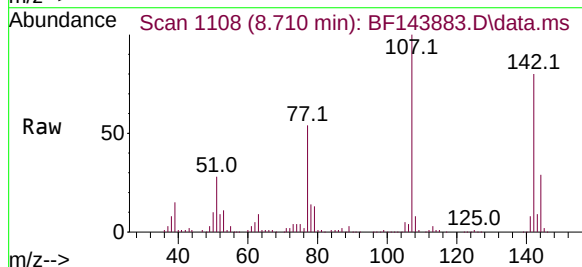
Manual Integrations  
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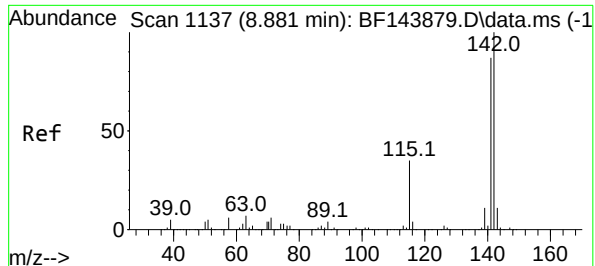
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#36  
4-Chloro-3-methylphenol  
Concen: 36.079 ng  
RT: 8.710 min Scan# 1108  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 228481  
Ion Ratio Lower Upper  
107 100  
144 28.8 23.1 34.7  
142 79.6 62.6 94.0





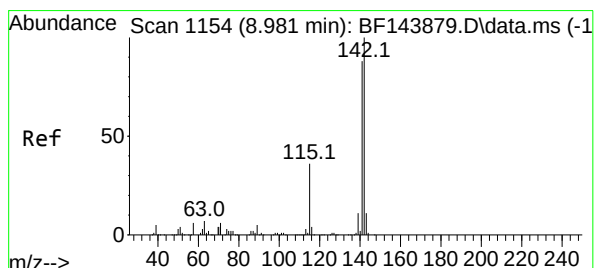
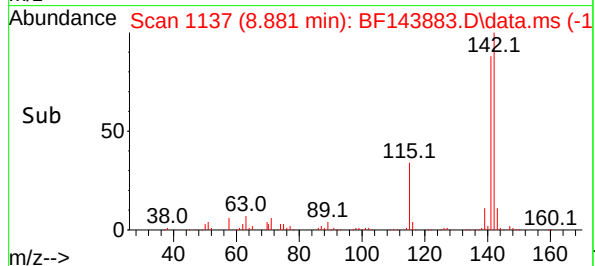
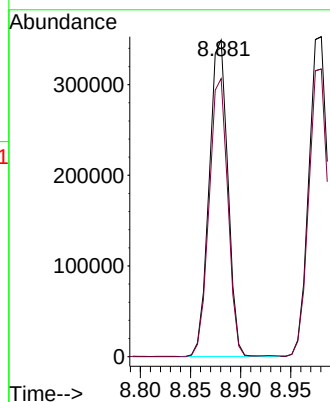
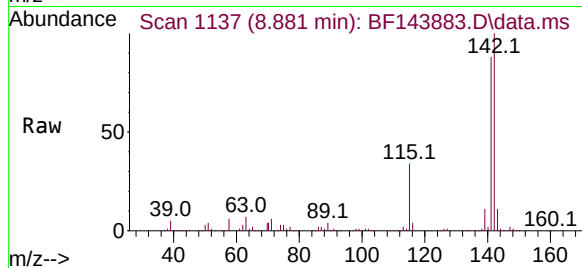
#37  
2-Methylnaphthalene  
Concen: 33.257 ng  
RT: 8.881 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion:142 Resp: 452442  
Ion Ratio Lower Upper  
142 100  
141 87.8 69.2 103.8

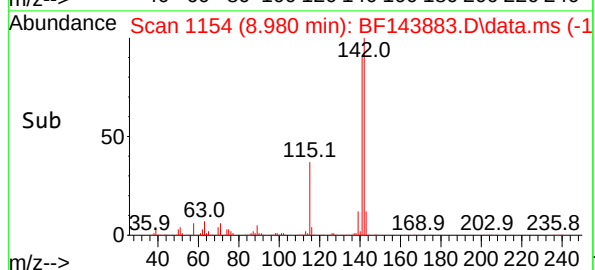
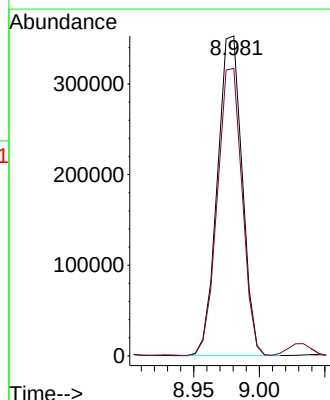
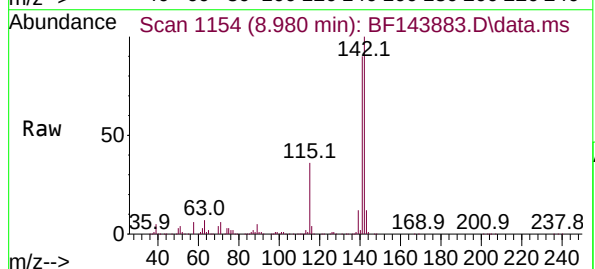
Manual Integrations  
APPROVED

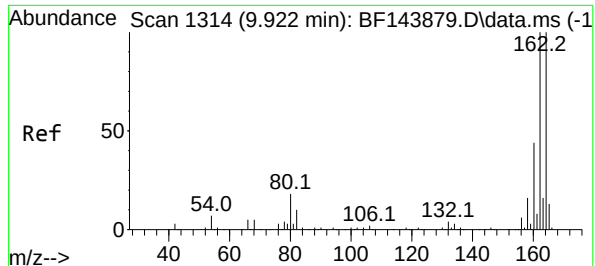
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#38  
1-Methylnaphthalene  
Concen: 35.269 ng  
RT: 8.980 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:142 Resp: 465414  
Ion Ratio Lower Upper  
142 100  
141 89.9 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143883.D

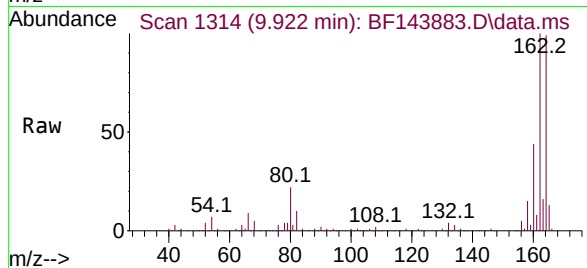
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625



Tgt Ion:164 Resp: 247780

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

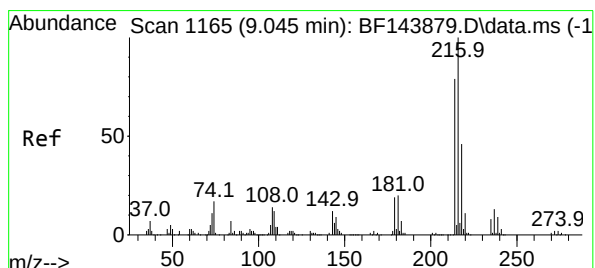
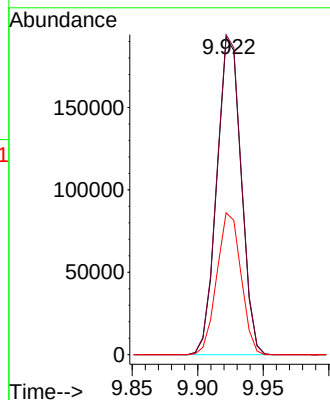
160 44.7 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

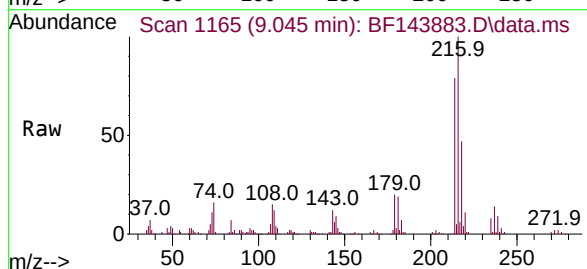
Concen: 37.122 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



Tgt Ion:216 Resp: 254223

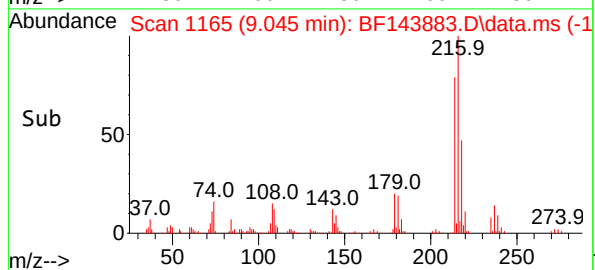
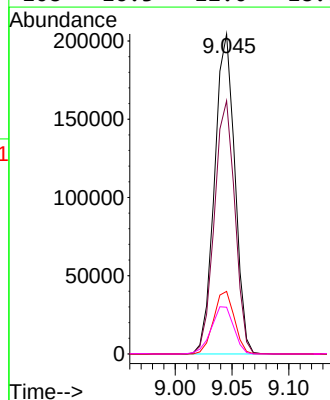
Ion Ratio Lower Upper

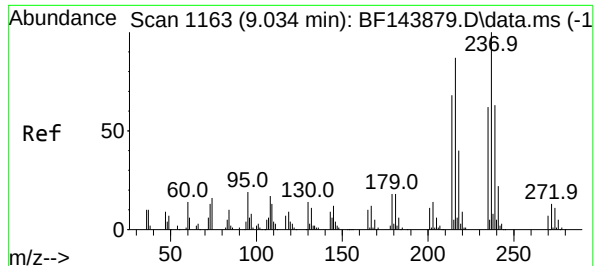
216 100

214 79.7 62.6 94.0

179 19.9 15.4 23.0

108 16.3 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 48.984 ng

RT: 9.033 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

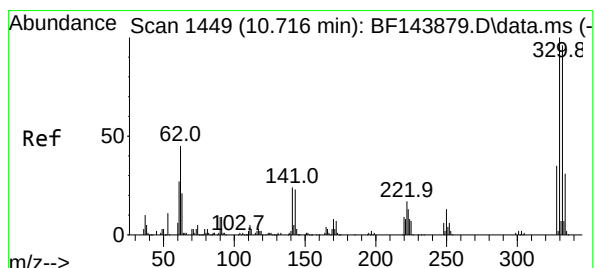
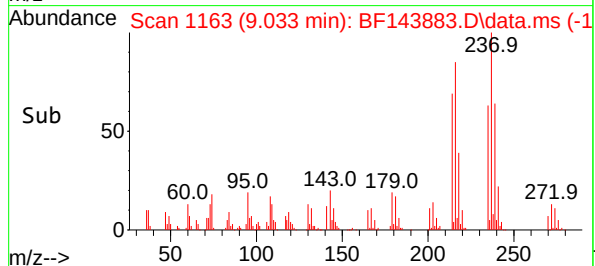
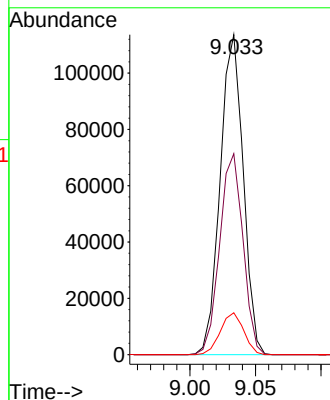
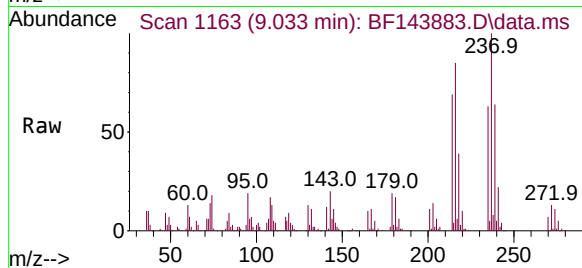
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 139168 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.8  | 42.3  | 82.3   |
| 272       | 13.1  | 0.0   | 33.1   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#42

2,4,6-Tribromophenol

Concen: 71.685 ng

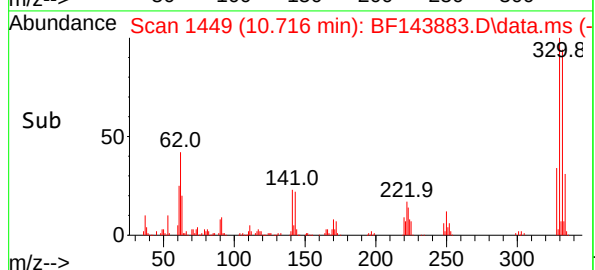
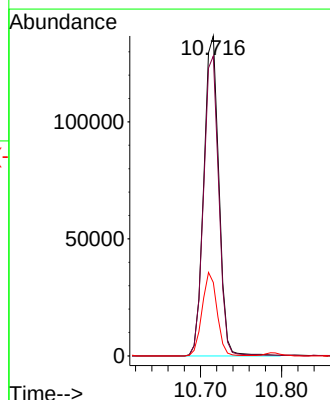
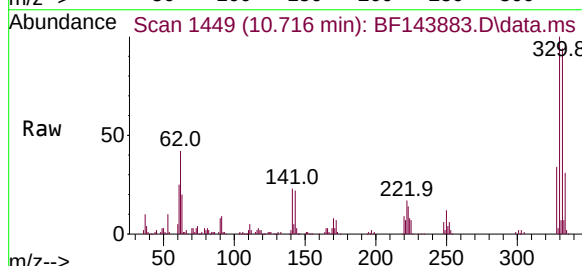
RT: 10.716 min Scan# 1449

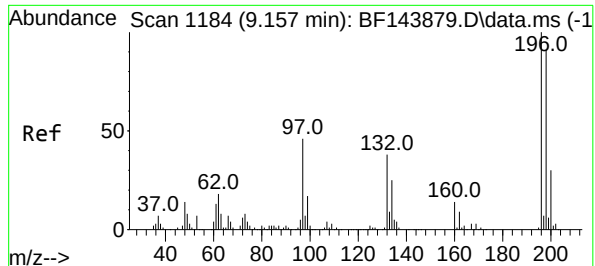
Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 176914 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.3  | 76.9  | 115.3  |
| 141       | 25.8  | 20.2  | 30.4   |





#43

2,4,6-Trichlorophenol

Concen: 36.726 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143883.D

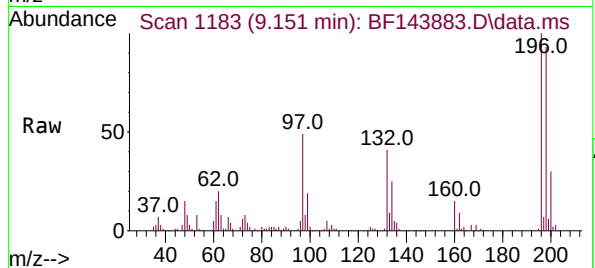
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625



Tgt Ion:196 Resp: 183769

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

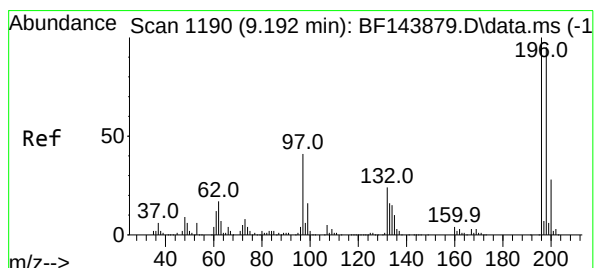
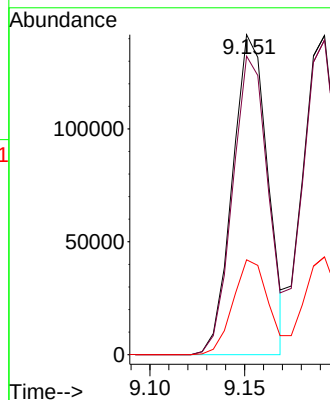
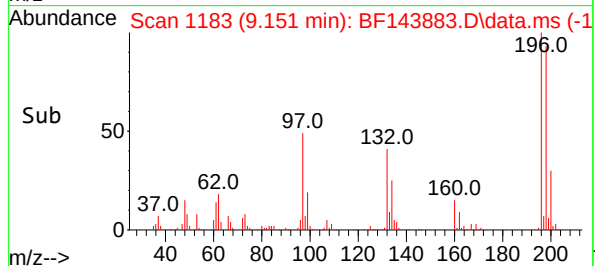
200 29.6 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

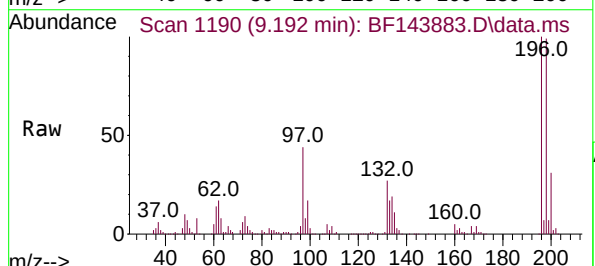
Concen: 35.194 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



Tgt Ion:196 Resp: 186099

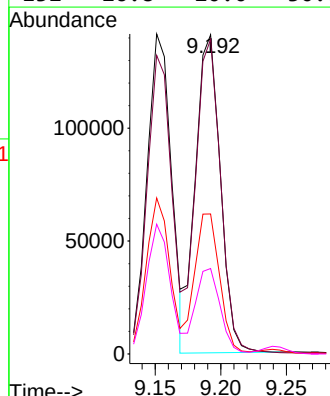
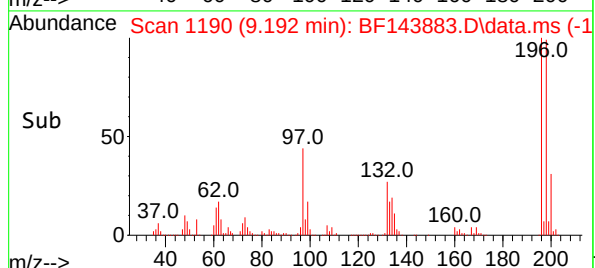
Ion Ratio Lower Upper

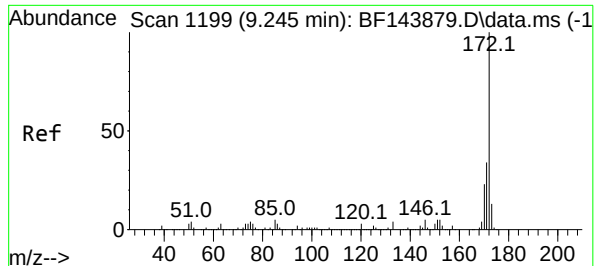
196 100

198 98.6 75.5 113.3

97 43.8 33.9 50.9

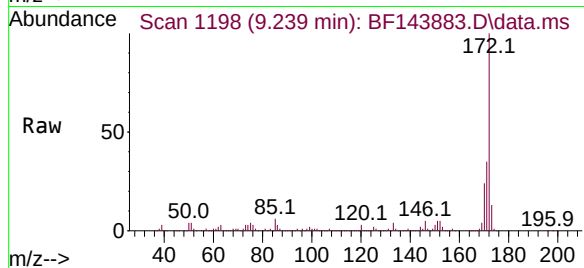
132 26.8 20.0 30.0





#45  
2-Fluorobiphenyl  
Concen: 67.621 ng  
RT: 9.239 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

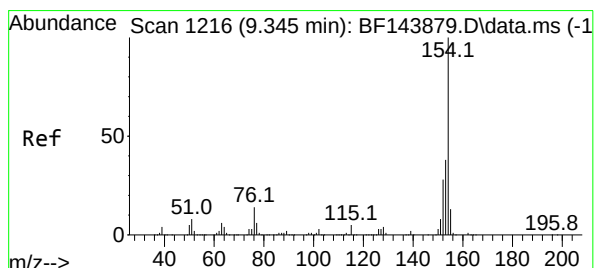
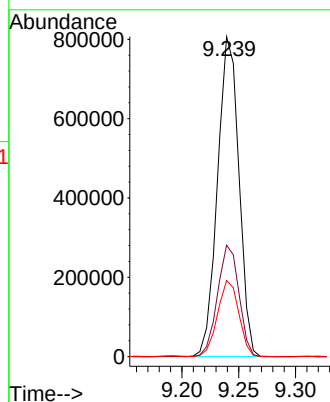
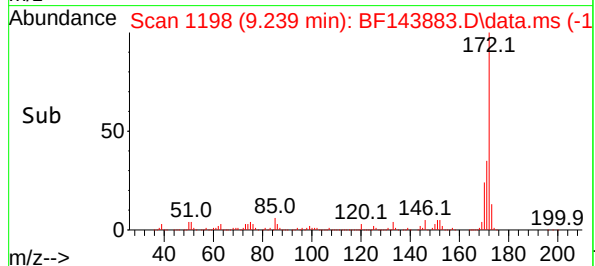
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:172 Resp: 105594  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.4 41.0  
170 23.8 18.6 28.0

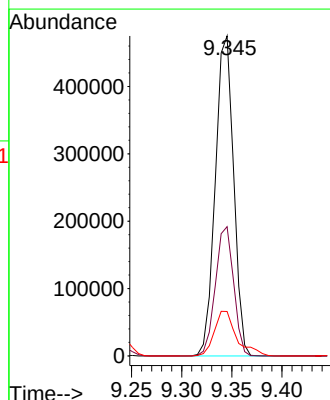
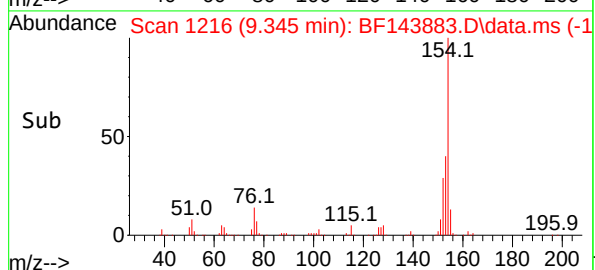
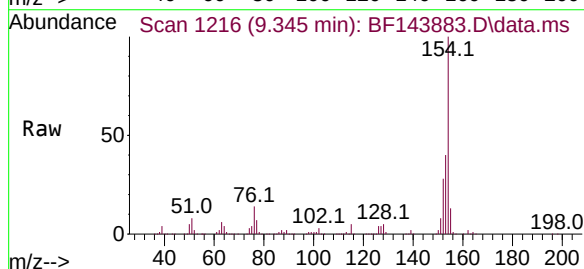
Manual Integrations  
APPROVED

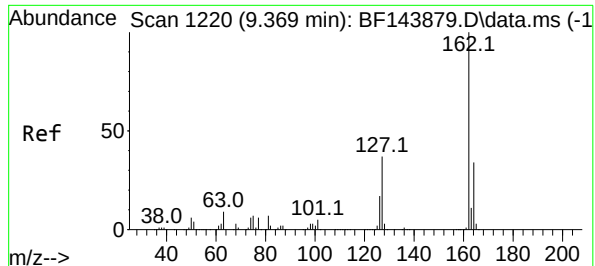
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#46  
1,1'-Biphenyl  
Concen: 36.770 ng  
RT: 9.345 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 603213  
Ion Ratio Lower Upper  
154 100  
153 40.4 18.4 58.4  
76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 36.454 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

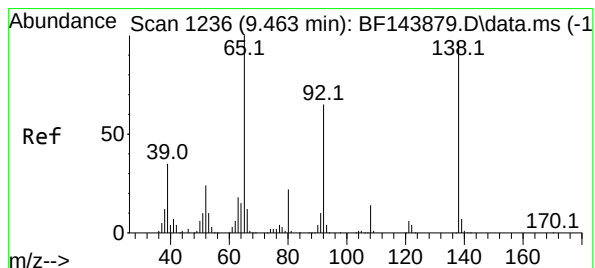
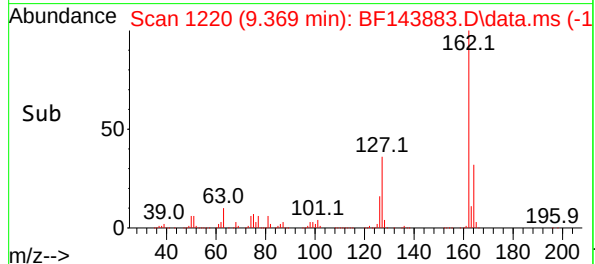
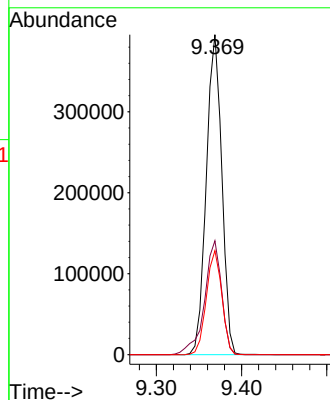
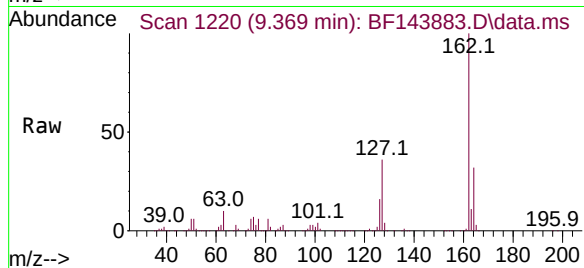
ICVBF100625

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 498615 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 35.6  | 30.2  | 45.2   |
| 164       | 32.5  | 26.9  | 40.3   |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

Concen: 38.894 ng

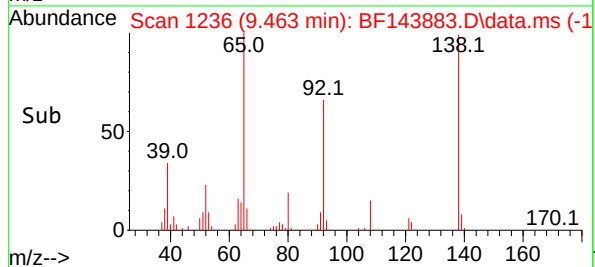
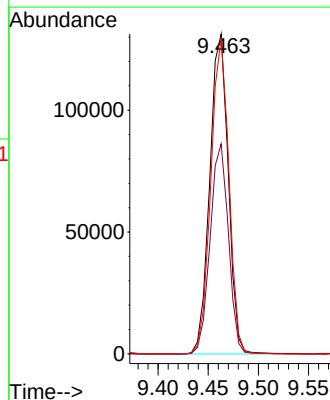
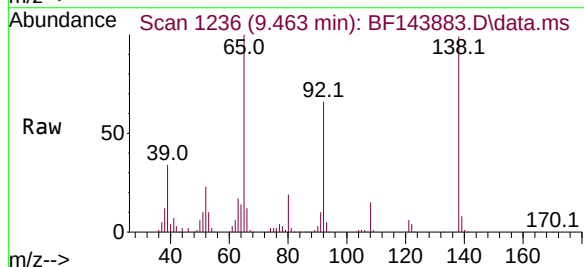
RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

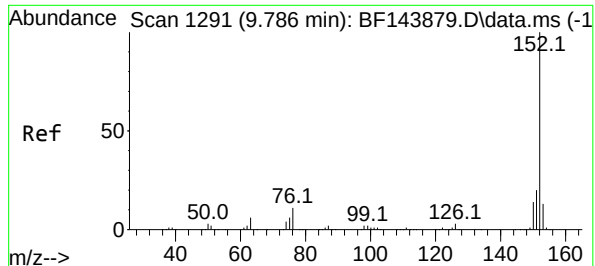
Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 168191 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 65.6  | 52.1  | 78.1   |
| 138       | 98.5  | 77.4  | 116.2  |







#49

Acenaphthylene

Concen: 40.859 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143883.D

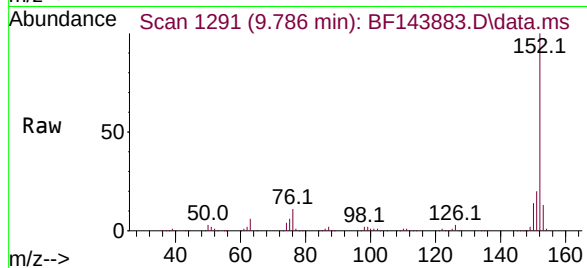
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625



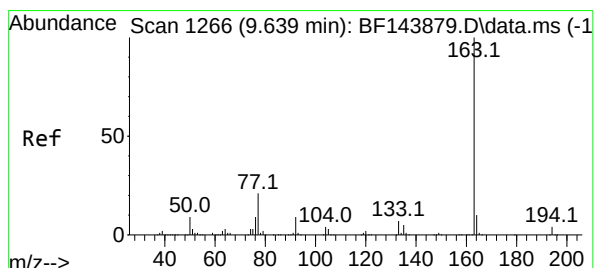
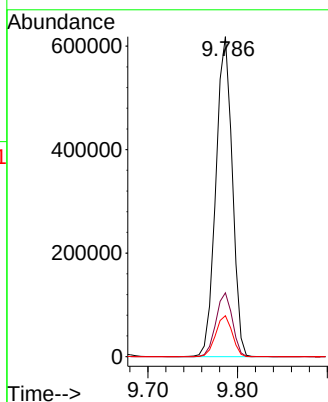
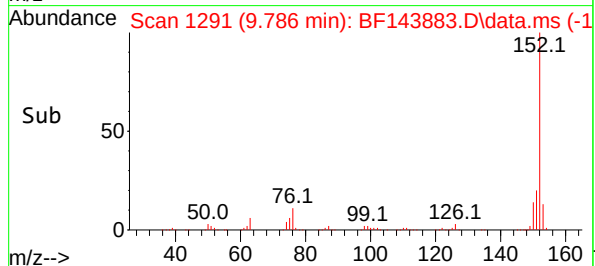
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 78569 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.9  | 15.8  | 23.6  |
| 153       | 12.8  | 10.5  | 15.7  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

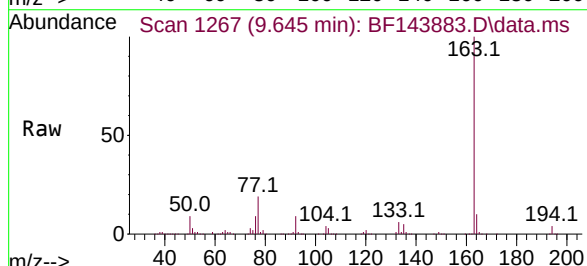
Concen: 35.968 ng

RT: 9.645 min Scan# 1267

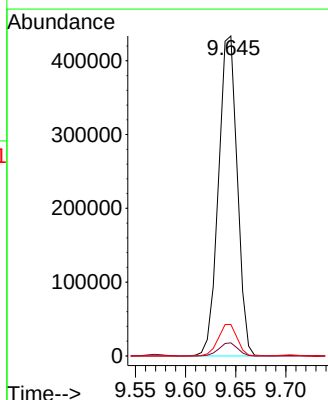
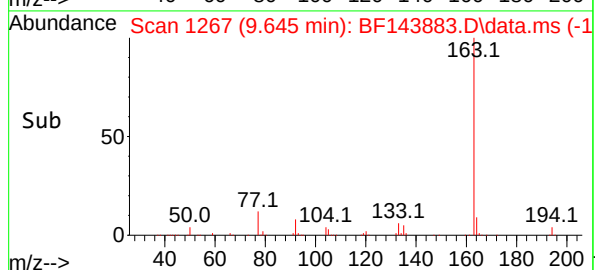
Delta R.T. 0.000 min

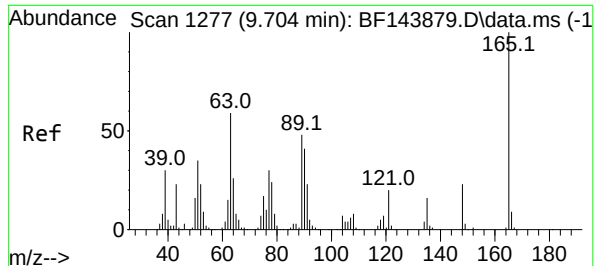
Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



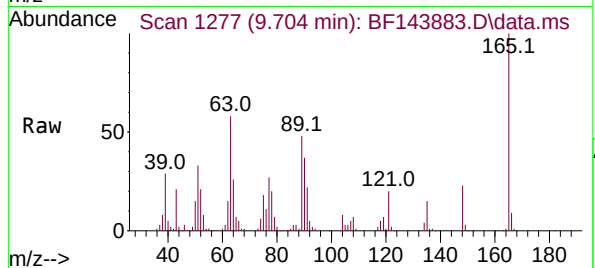
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 565953 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.1   | 3.3   | 4.9    |
| 164       | 9.8   | 8.1   | 12.1   |





#51  
2,6-Dinitrotoluene  
Concen: 41.967 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

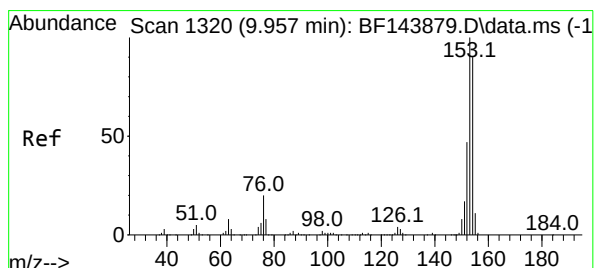
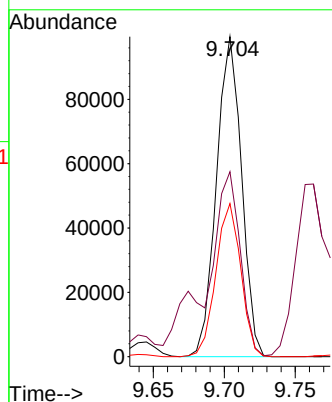
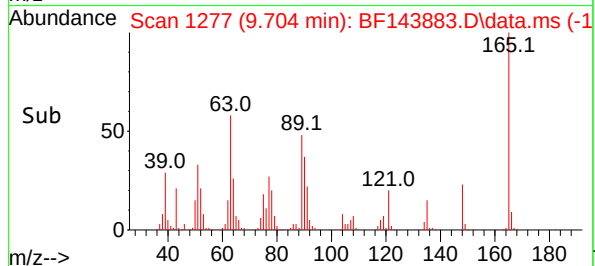
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:165 Resp: 122449  
Ion Ratio Lower Upper  
165 100  
63 57.8 47.3 70.9  
89 47.8 38.2 57.4

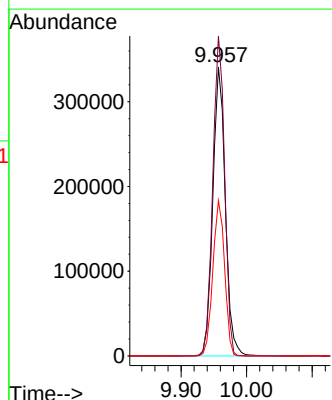
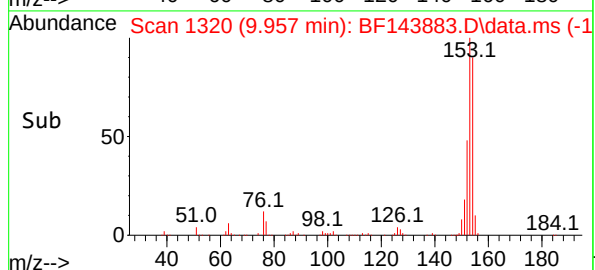
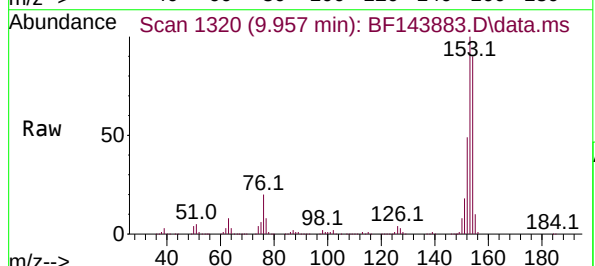
Manual Integrations  
APPROVED

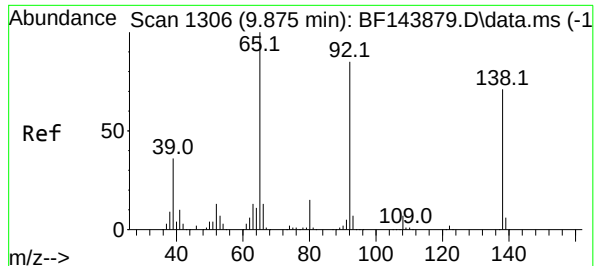
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#52  
Acenaphthene  
Concen: 35.913 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 452513  
Ion Ratio Lower Upper  
154 100  
153 110.8 89.3 133.9  
152 53.8 42.2 63.2





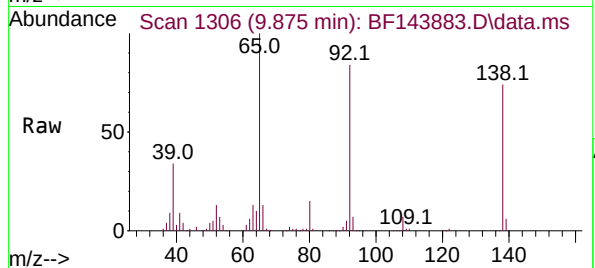
#53  
3-Nitroaniline  
Concen: 40.493 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

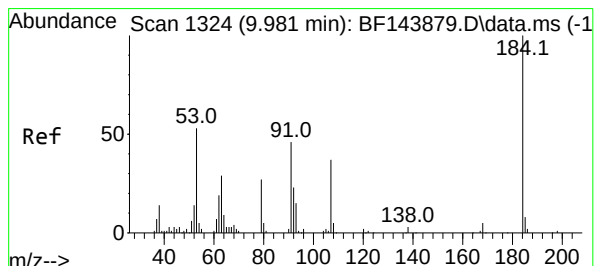
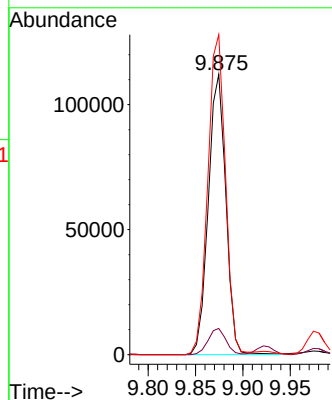
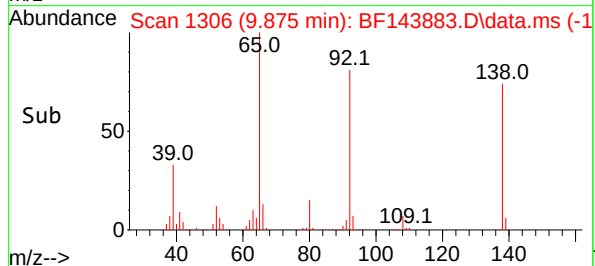


Tgt Ion:138 Resp: 144668  
Ion Ratio Lower Upper  
138 100  
108 9.3 8.3 12.5  
92 114.2 96.2 144.2

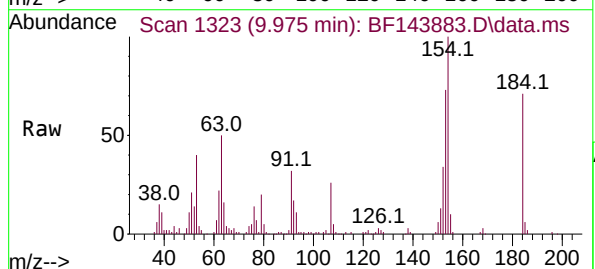
Manual Integrations

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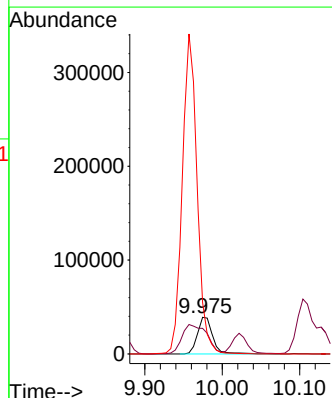
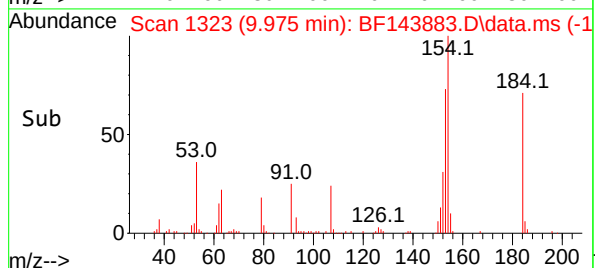
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

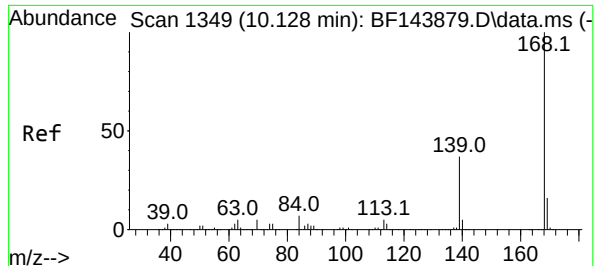


#54  
2,4-Dinitrophenol  
Concen: 33.731 ng  
RT: 9.975 min Scan# 1323  
Delta R.T. -0.011 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



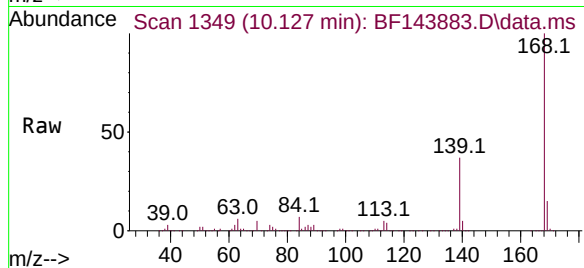
Tgt Ion:184 Resp: 52796  
Ion Ratio Lower Upper  
184 100  
63 70.0 48.2 72.4  
154 140.2 49.2 73.8#





#55  
Dibenzenofuran  
Concen: 36.717 ng  
RT: 10.127 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

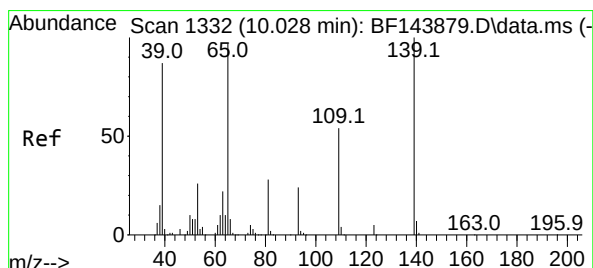
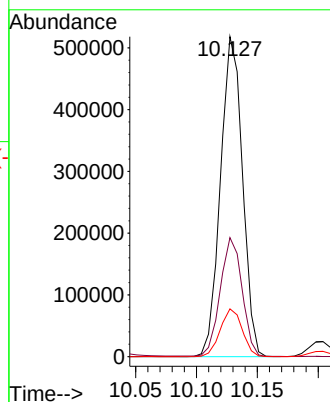
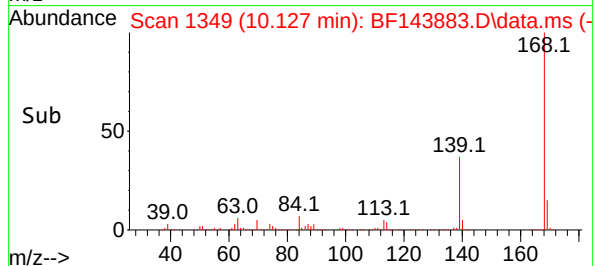
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:168 Resp: 653073  
Ion Ratio Lower Upper  
168 100  
139 37.2 29.8 44.8  
169 15.0 12.8 19.2

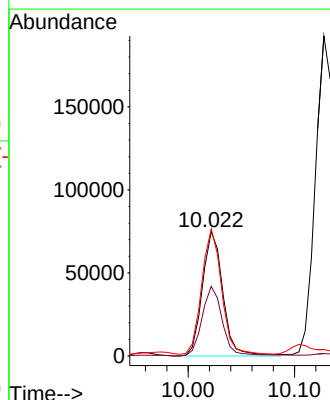
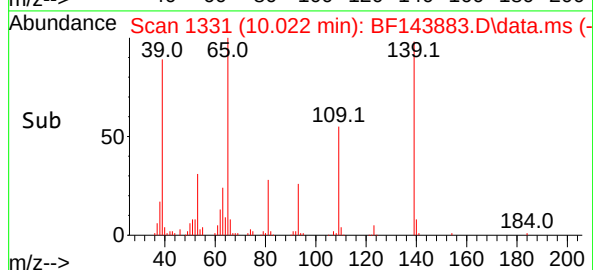
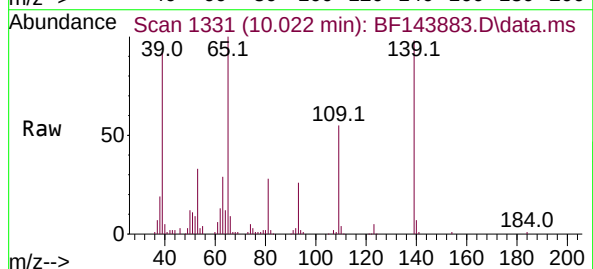
Manual Integrations  
APPROVED

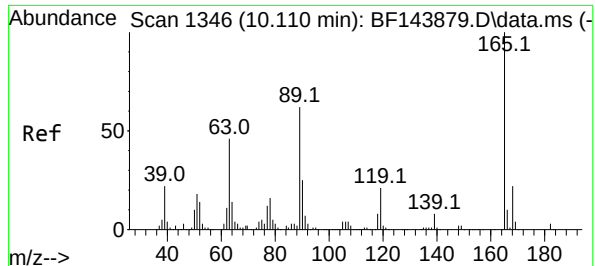
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#56  
4-Nitrophenol  
Concen: 36.850 ng  
RT: 10.022 min Scan# 1331  
Delta R.T. -0.017 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:139 Resp: 99684  
Ion Ratio Lower Upper  
139 100  
109 56.0 34.5 74.5  
65 102.2 77.6 117.6





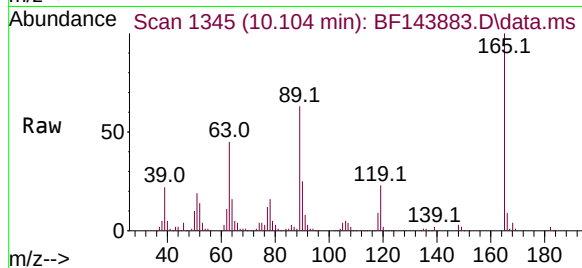
#57  
2,4-Dinitrotoluene  
Concen: 41.169 ng  
RT: 10.104 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

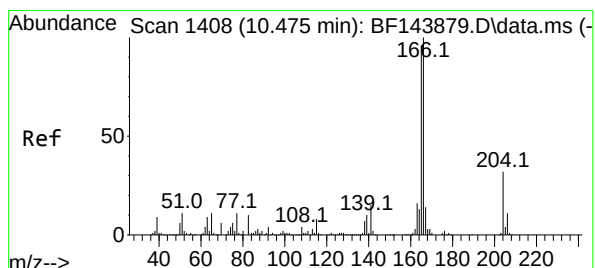
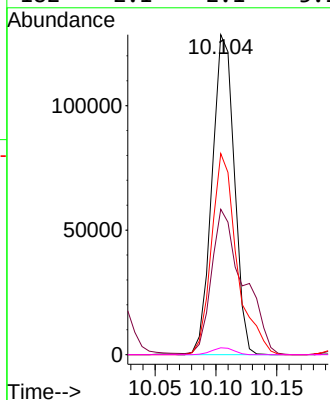
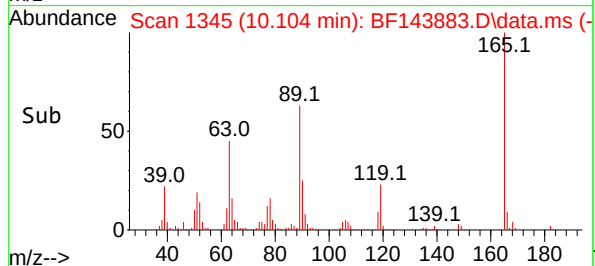


Tgt Ion:165 Resp: 163440  
Ion Ratio Lower Upper  
165 100  
63 45.4 37.2 55.8  
89 62.8 49.4 74.2  
182 2.1 2.1 3.1

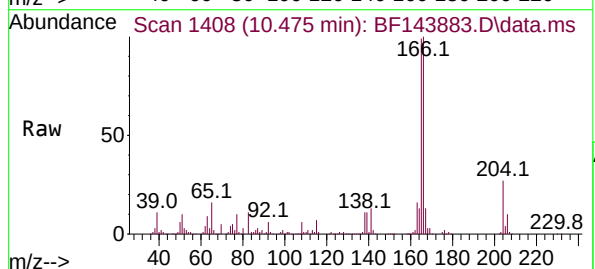
Manual Integrations

APPROVED

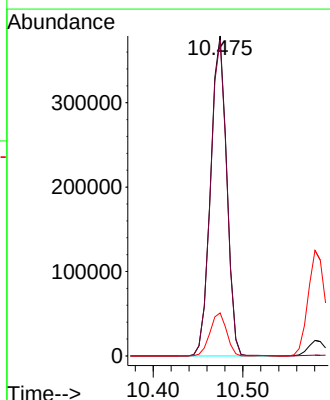
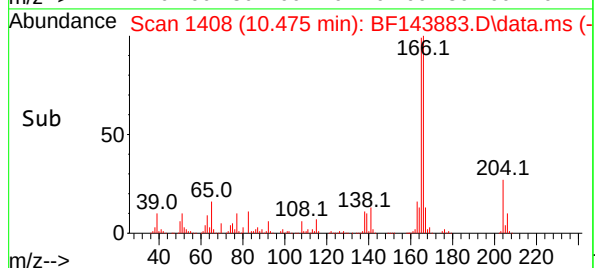
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

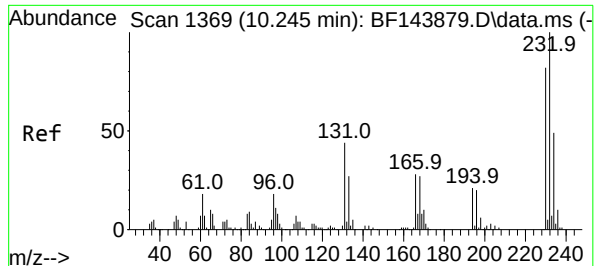


#58  
Fluorene  
Concen: 35.527 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:166 Resp: 476811  
Ion Ratio Lower Upper  
166 100  
165 98.7 77.0 115.6  
167 13.4 11.1 16.7





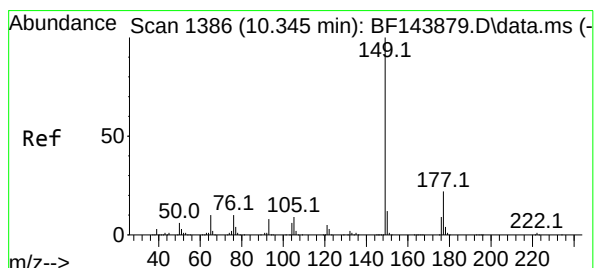
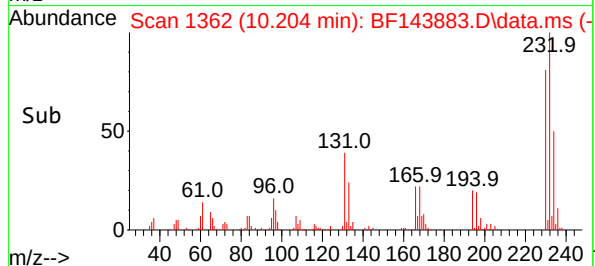
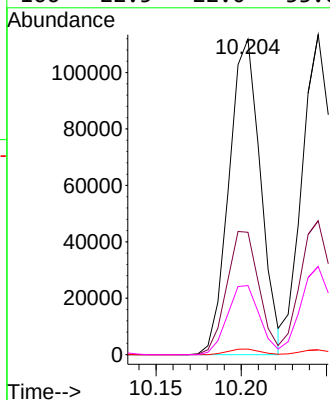
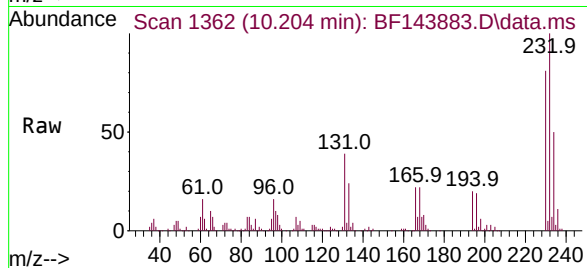
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.488 ng  
RT: 10.204 min Scan# 1362  
Delta R.T. -0.047 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion:232 Resp: 144064  
Ion Ratio Lower Upper  
232 100  
131 40.0 34.9 52.3  
130 1.8 1.6 2.4  
166 22.5 22.0 33.0

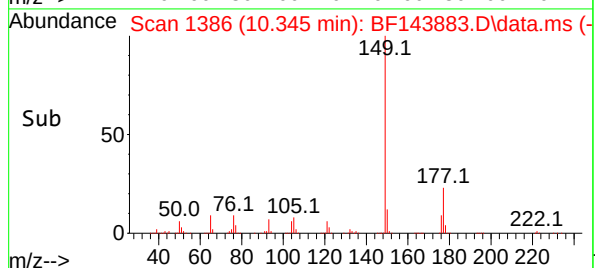
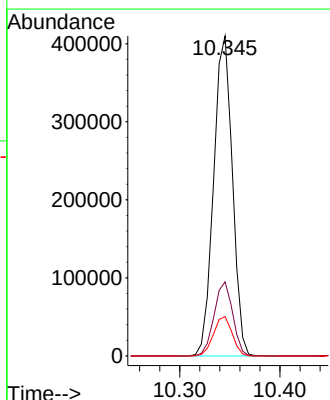
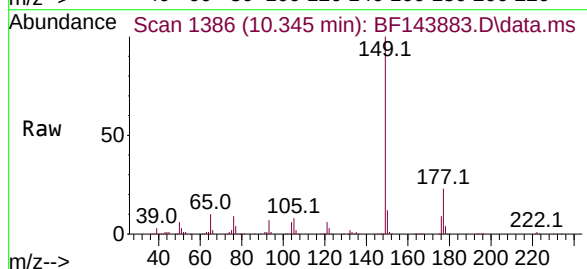
Manual Integrations  
APPROVED

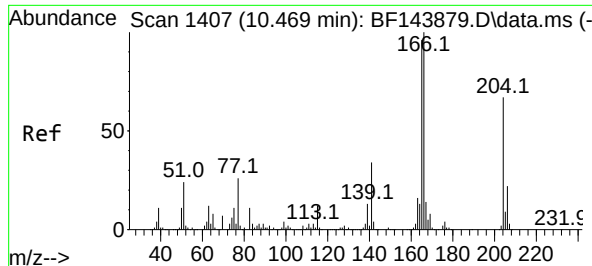
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#60  
Diethylphthalate  
Concen: 36.501 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 533574  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.9 26.9  
150 12.3 9.8 14.8





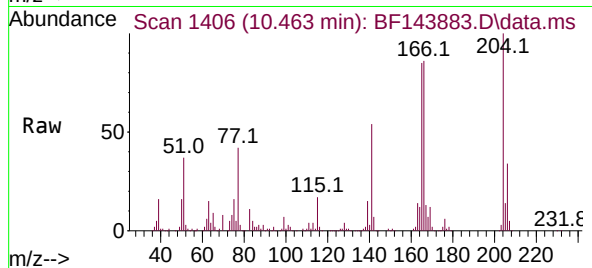
#61  
4-Chlorophenyl-phenylether  
Concen: 36.113 ng  
RT: 10.463 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

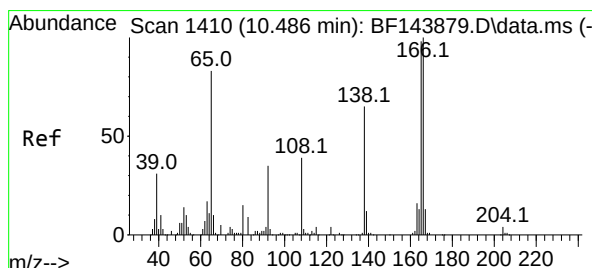
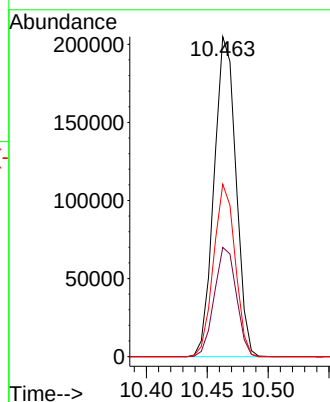
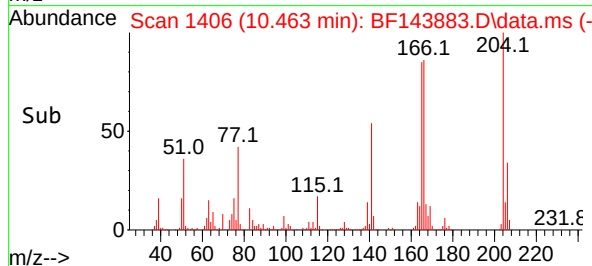


Tgt Ion:204 Resp: 25624  
Ion Ratio Lower Upper  
204 100  
206 34.1 26.6 40.0  
141 53.9 40.4 60.6

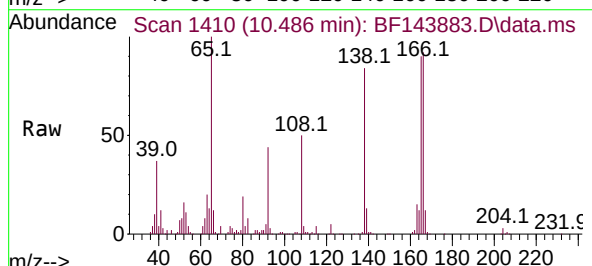
Manual Integrations

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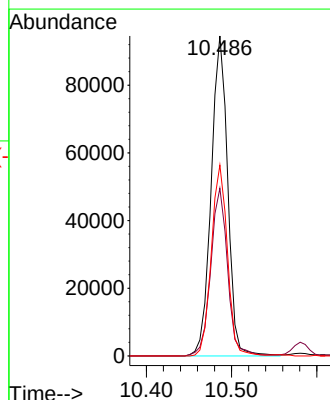
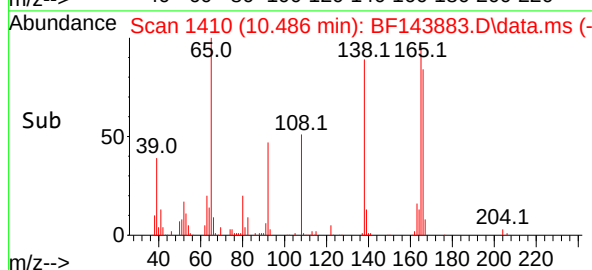
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

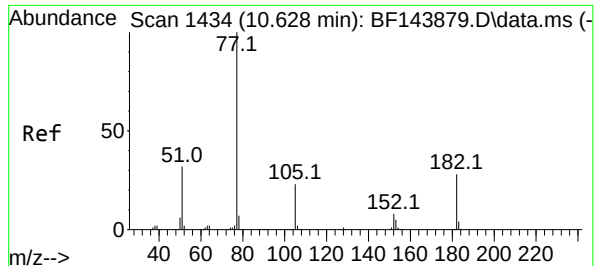


#62  
4-Nitroaniline  
Concen: 37.074 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



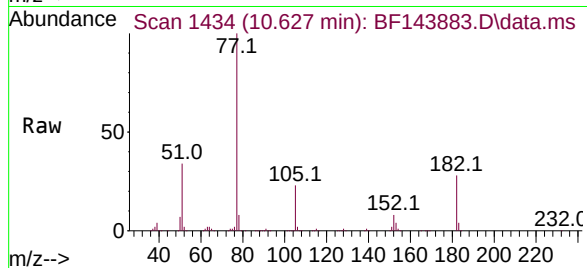
Tgt Ion:138 Resp: 127369  
Ion Ratio Lower Upper  
138 100  
92 52.4 33.9 73.9  
108 59.6 40.2 80.2





#63  
Azobenzene  
Concen: 36.837 ng  
RT: 10.627 min Scan# 1434  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

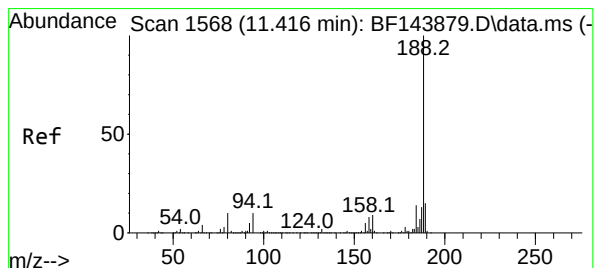
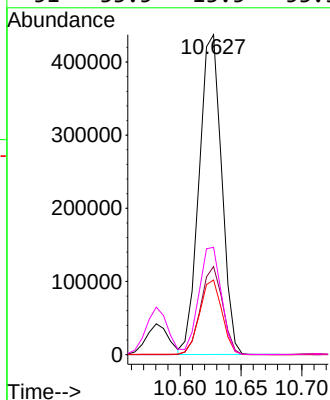
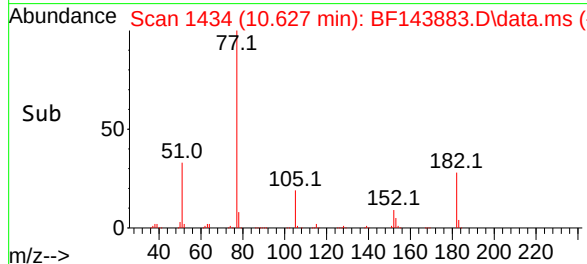
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



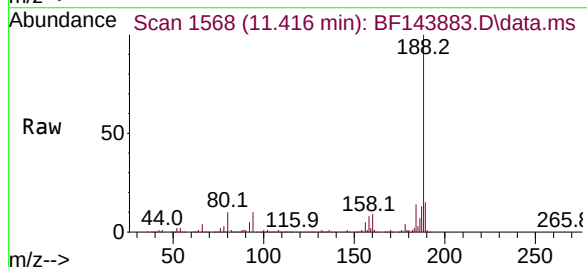
Tgt Ion: 77 Resp: 56278  
Ion Ratio Lower Upper  
77 100  
182 27.5 7.3 47.3  
105 23.3 3.0 43.0  
51 33.5 13.5 53.5

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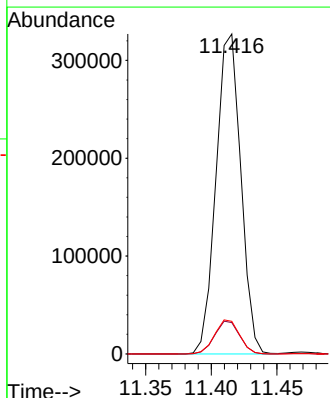
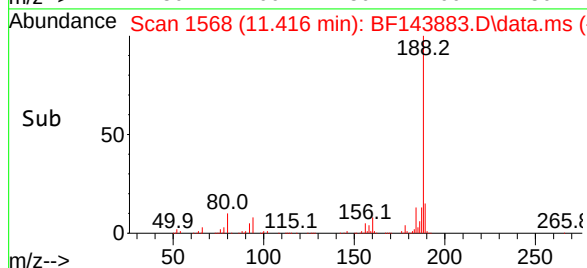
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



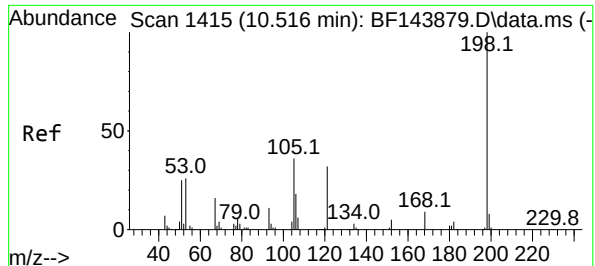
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:188 Resp: 431562  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.8 11.6  
80 10.2 7.9 11.9







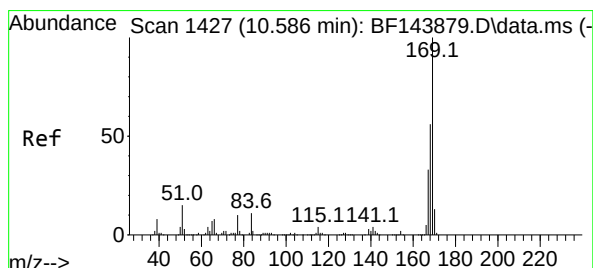
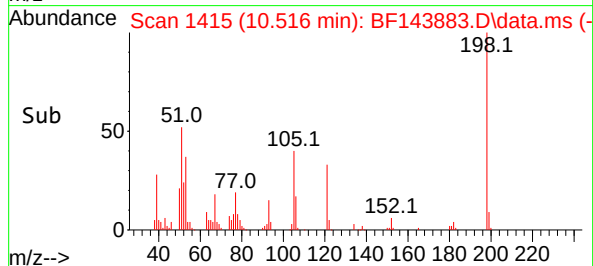
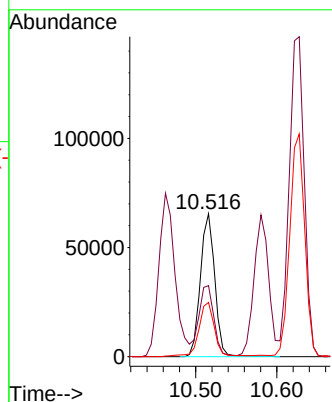
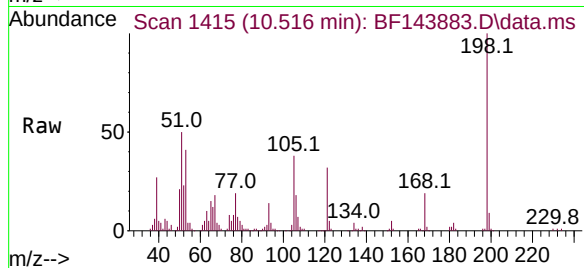
#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.083 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion:198 Resp: 80422  
Ion Ratio Lower Upper  
198 100  
51 49.7 33.8 73.8  
105 37.9 17.0 57.0

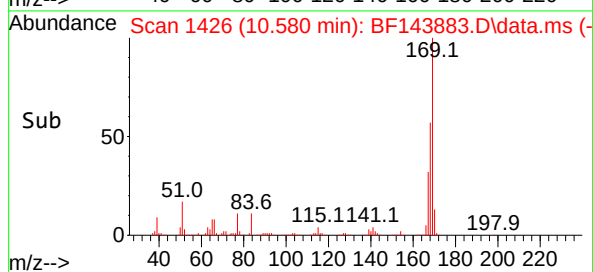
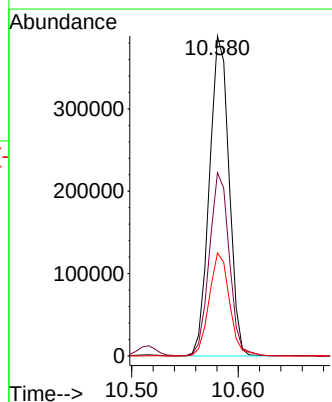
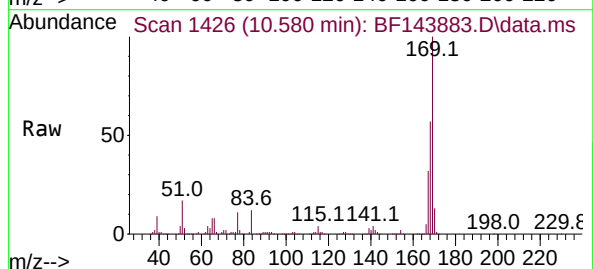
Manual Integrations  
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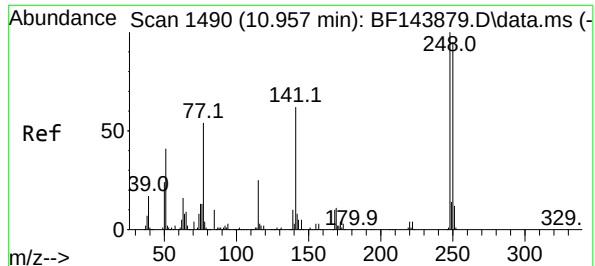
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#66  
n-Nitrosodiphenylamine  
Concen: 36.649 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

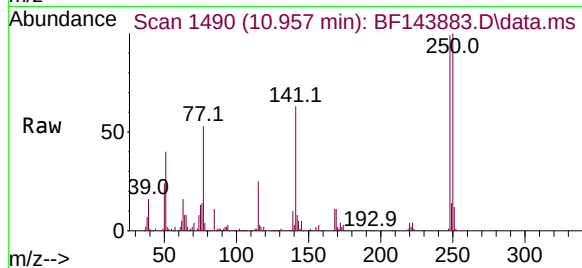
Tgt Ion:169 Resp: 496618  
Ion Ratio Lower Upper  
169 100  
168 57.3 44.9 67.3  
167 32.2 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 33.973 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

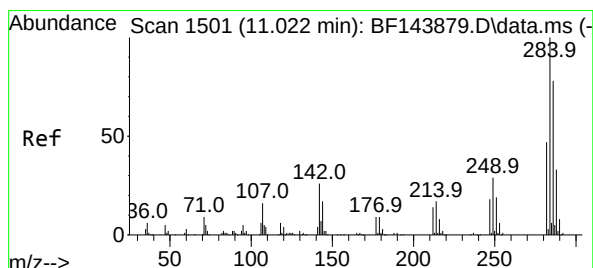
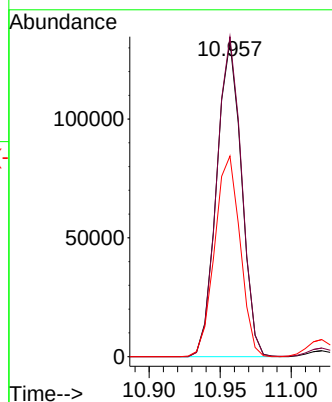
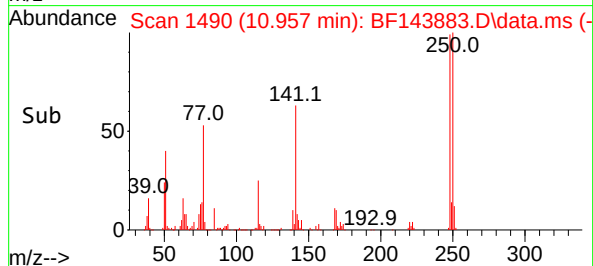
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



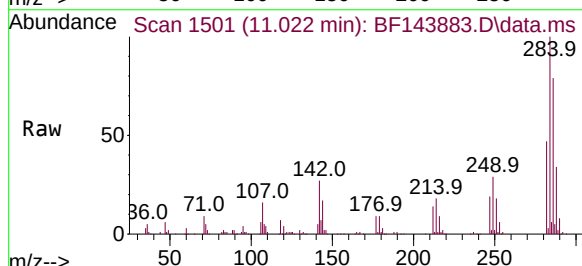
Tgt Ion:248 Resp: 162033  
Ion Ratio Lower Upper  
248 100  
250 101.4 76.3 114.5  
141 63.6 49.7 74.5

Manual Integrations  
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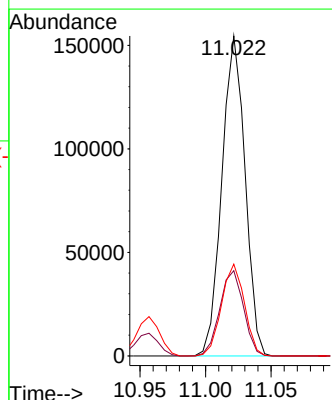
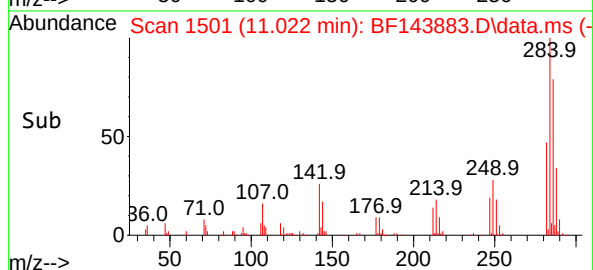
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

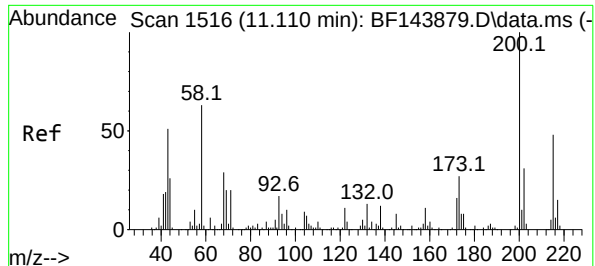


#68  
Hexachlorobenzene  
Concen: 34.415 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:284 Resp: 190028  
Ion Ratio Lower Upper  
284 100  
142 26.6 20.6 30.8  
249 28.7 23.2 34.8





#69

Atrazine

Concen: 39.016 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:200 Resp: 160244

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

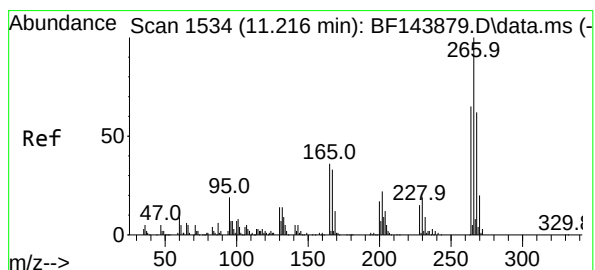
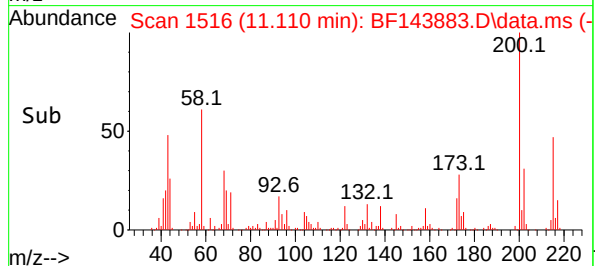
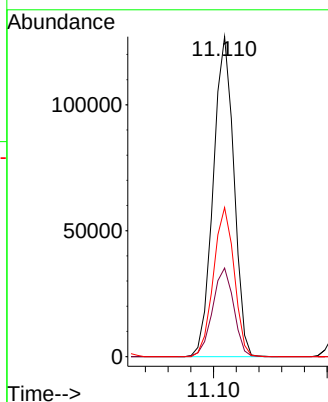
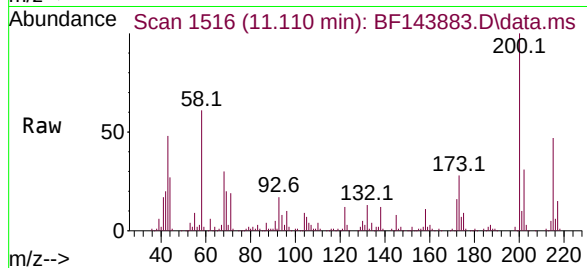
215 46.6 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

Concen: 33.097 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

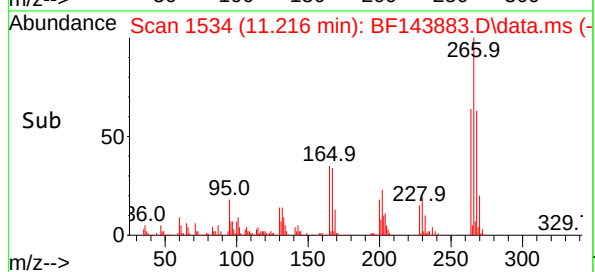
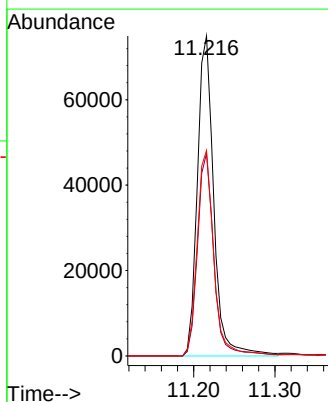
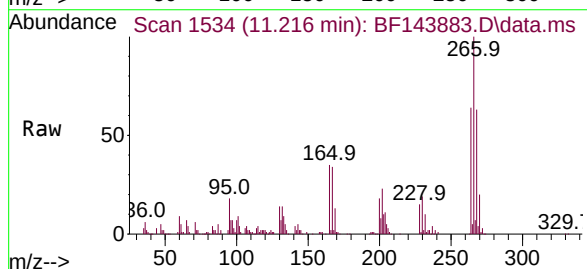
Tgt Ion:266 Resp: 104958

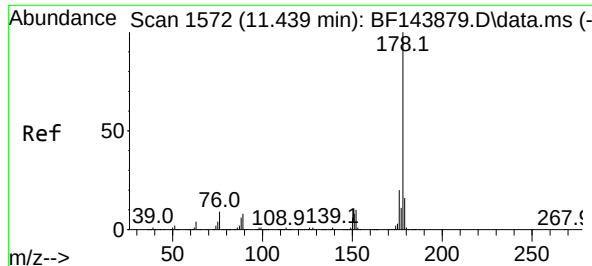
Ion Ratio Lower Upper

266 100

268 63.3 49.4 74.0

264 64.2 51.8 77.6





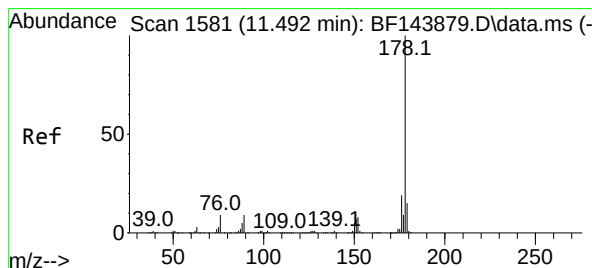
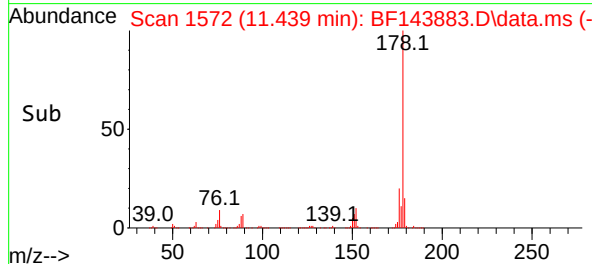
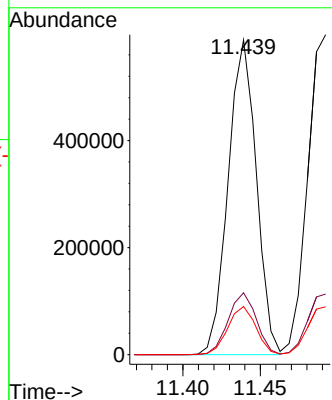
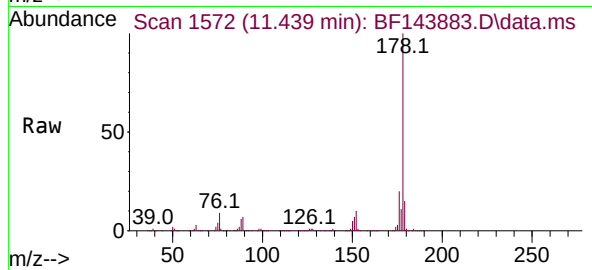
#71  
Phenanthrene  
Concen: 35.542 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Tgt Ion:178 Resp: 743609  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.3 12.4 18.6

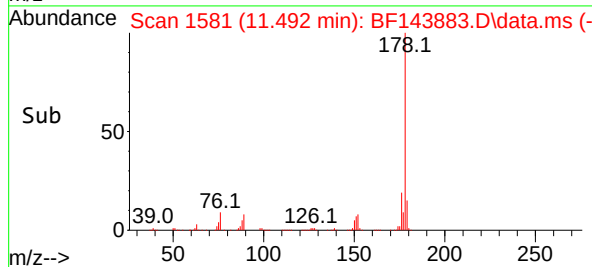
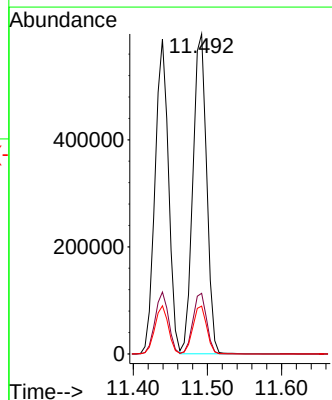
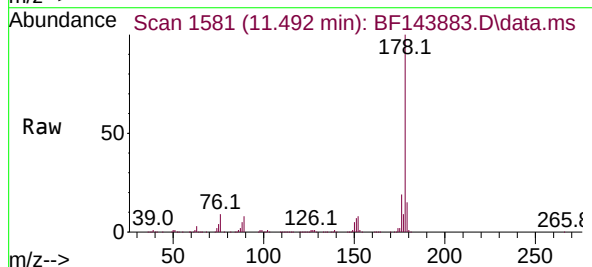
Manual Integrations  
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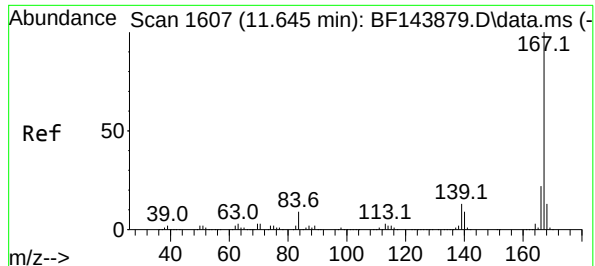
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#72  
Anthracene  
Concen: 36.273 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

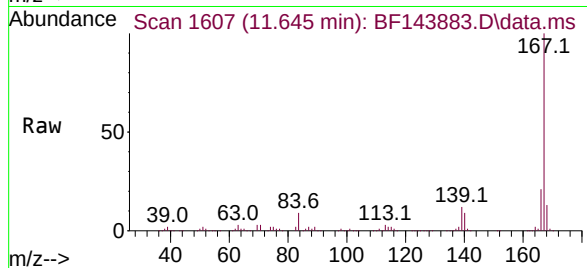
Tgt Ion:178 Resp: 766674  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.9 22.3  
179 14.9 12.2 18.2





#73  
Carbazole  
Concen: 36.246 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

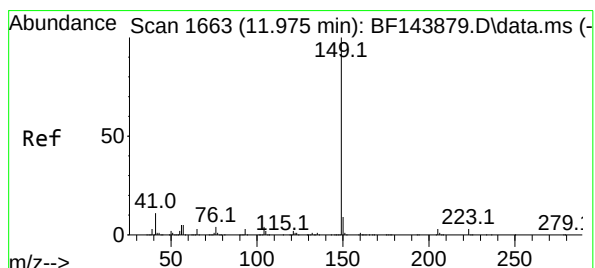
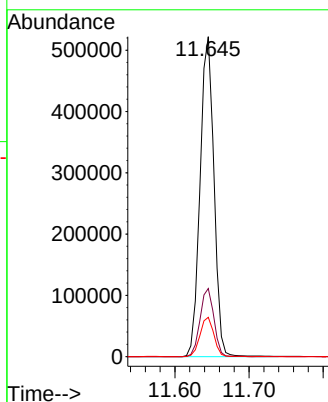
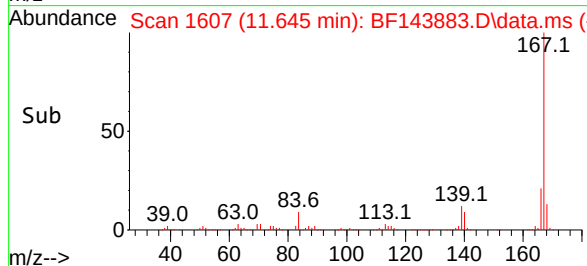
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



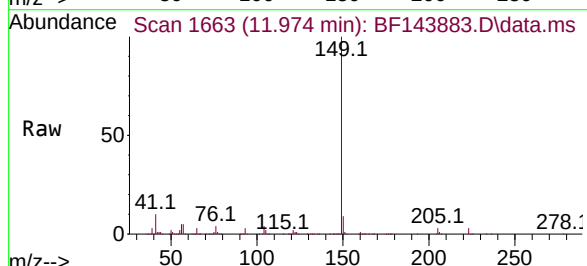
Tgt Ion:167 Resp: 678522  
Ion Ratio Lower Upper  
167 100  
166 21.3 17.2 25.8  
139 12.3 10.1 15.1

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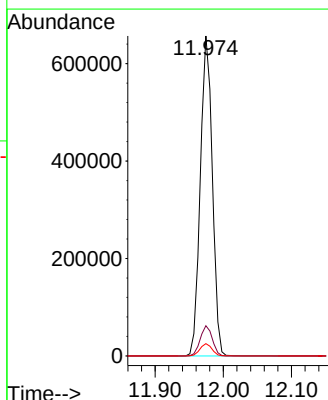
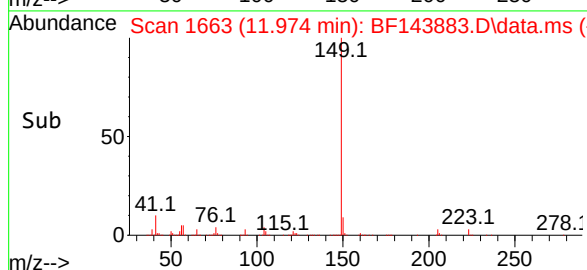
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

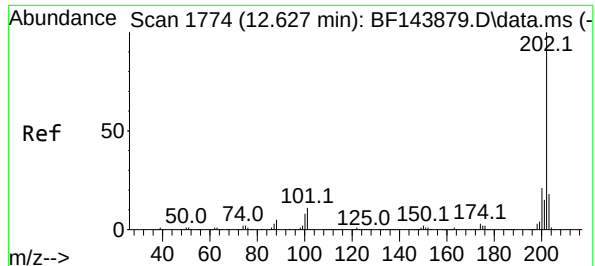


#74  
Di-n-butylphthalate  
Concen: 37.171 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



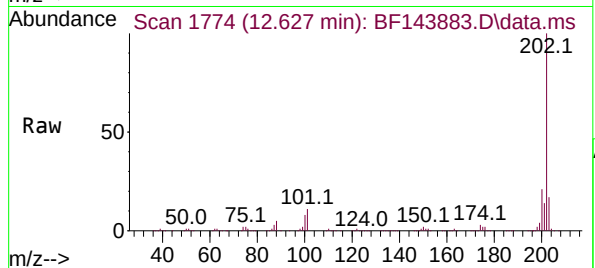
Tgt Ion:149 Resp: 806451  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.2  
104 3.9 3.4 5.2





#75  
Fluoranthene  
Concen: 36.019 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

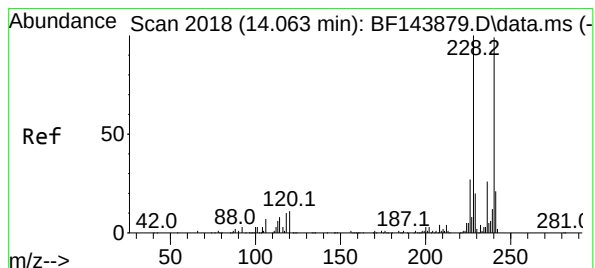
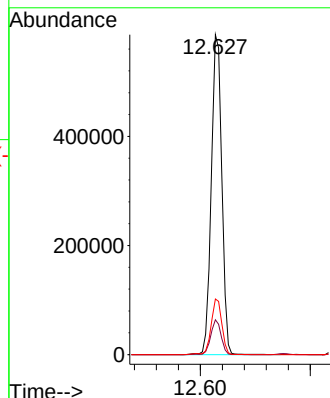
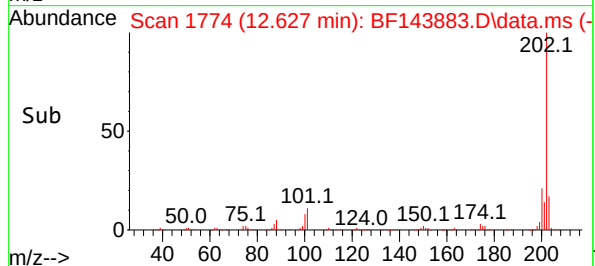
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:202 Resp: 778418  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 30.7  
203 17.4 0.0 37.8

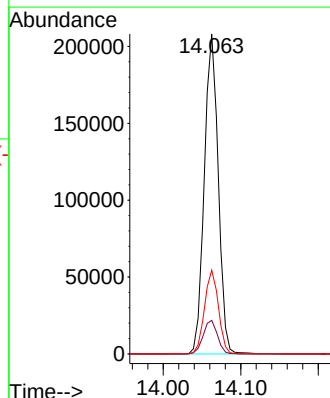
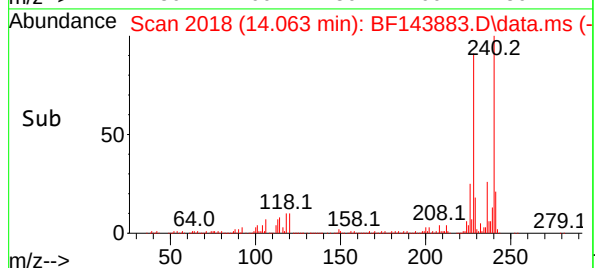
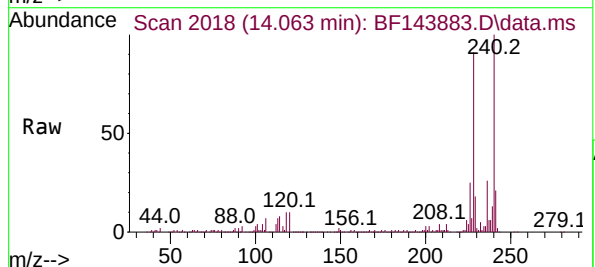
Manual Integrations  
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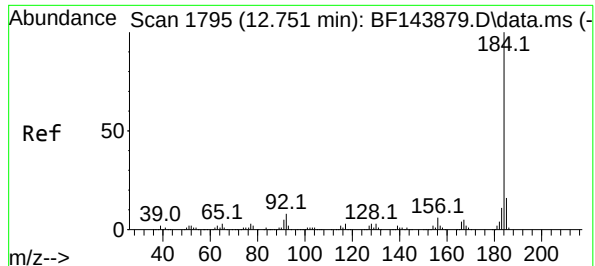
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:240 Resp: 259802  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.6 13.0  
236 26.2 21.1 31.7





#77

Benzidine

Concen: 45.411 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:184 Resp: 409653

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

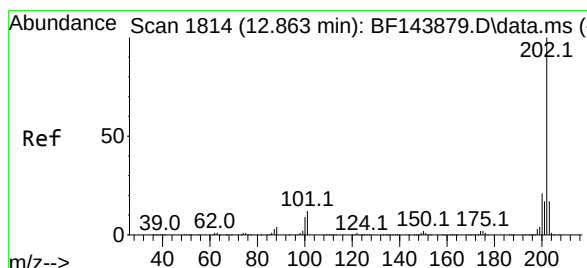
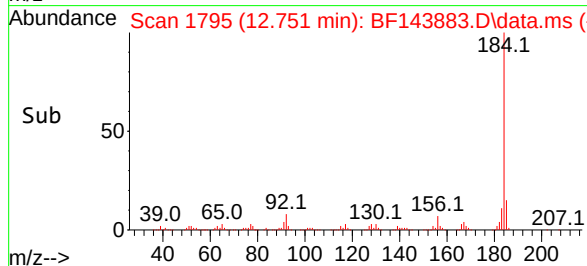
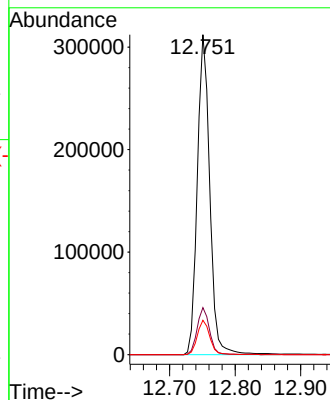
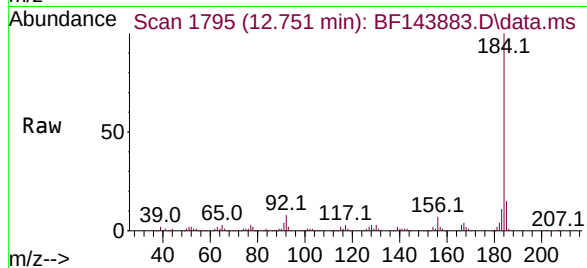
183 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

Concen: 36.431 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

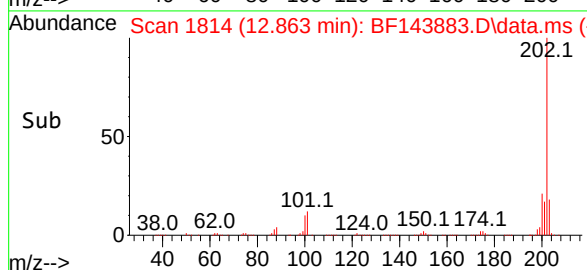
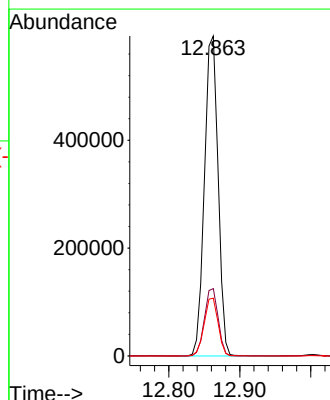
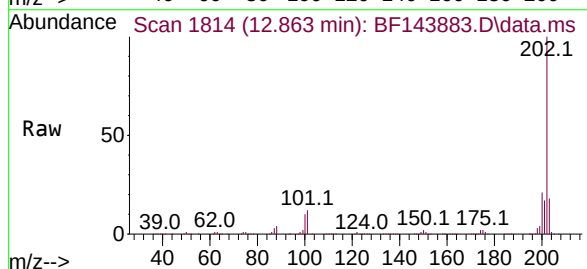
Tgt Ion:202 Resp: 789075

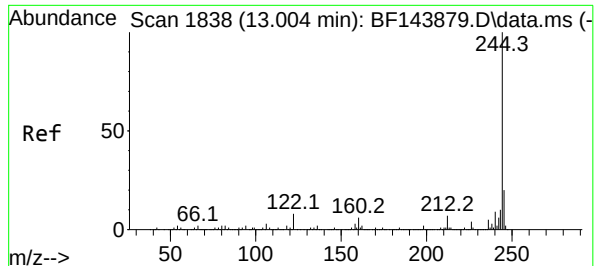
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

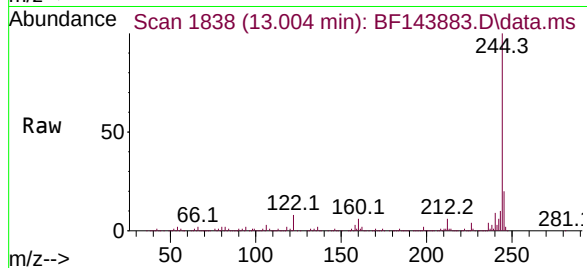
203 18.0 13.8 20.6





#79  
Terphenyl-d14  
Concen: 74.443 ng  
RT: 13.004 min Scan# 1838  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

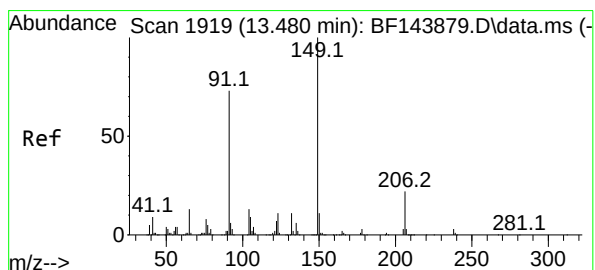
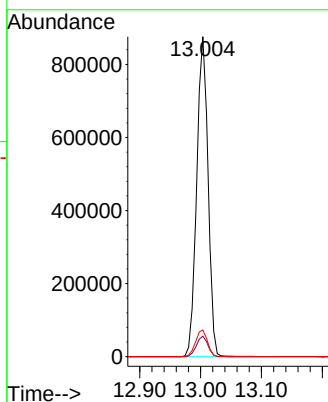
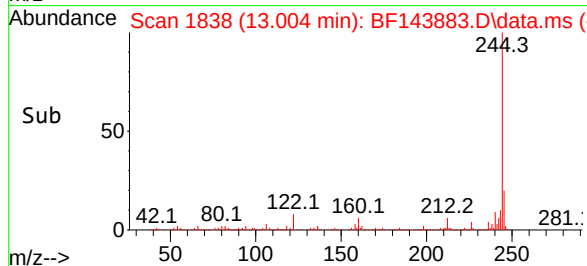
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:244 Resp: 1131636  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.4 8.0  
122 8.3 6.4 9.6

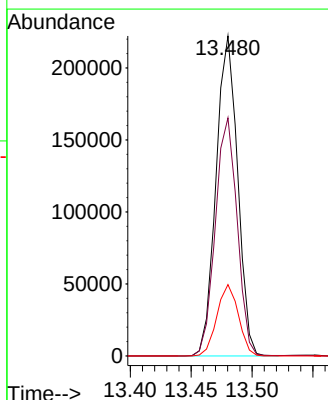
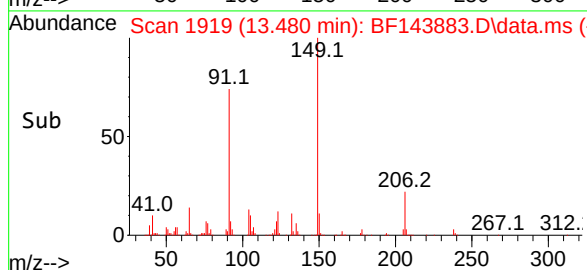
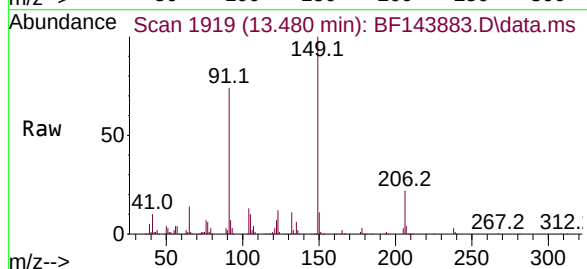
Manual Integrations  
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Reviewed By :Rahul Chavli 10/07/2025  
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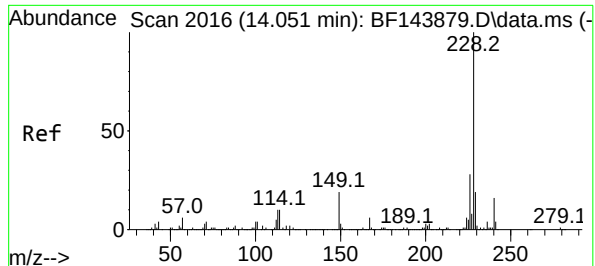


#80  
Butylbenzylphthalate  
Concen: 38.986 ng  
RT: 13.480 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 274237  
Ion Ratio Lower Upper  
149 100  
91 74.4 58.2 87.2  
206 22.3 17.9 26.9

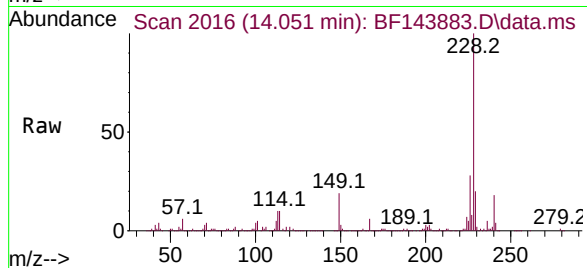






#81  
Benzo(a)anthracene  
Concen: 36.142 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

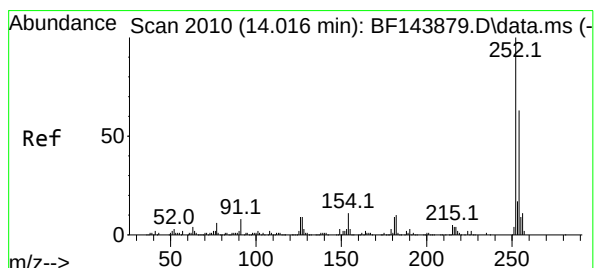
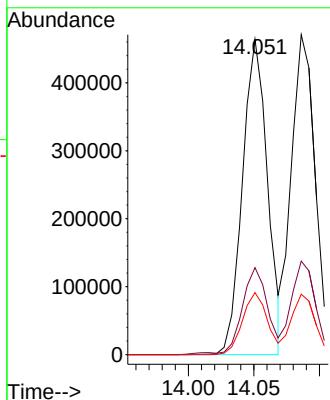
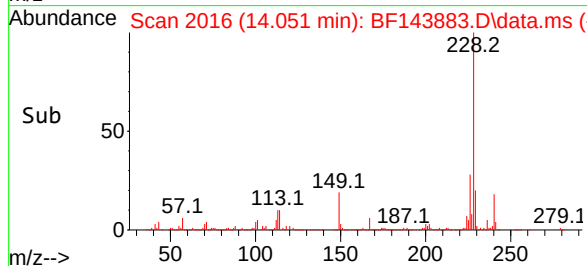
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



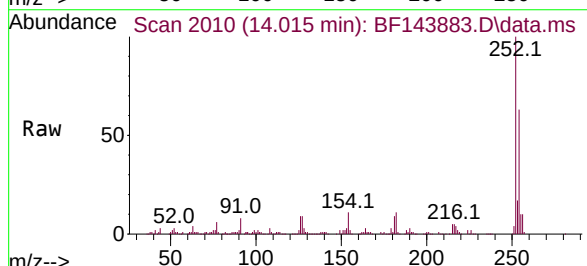
Tgt Ion:228 Resp: 614473  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.2 33.2  
229 19.7 15.6 23.4

Manual Integrations  
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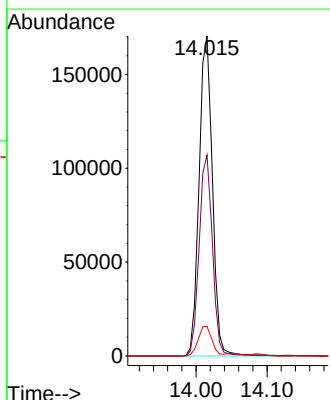
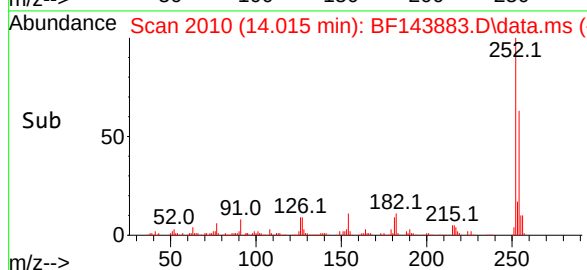
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

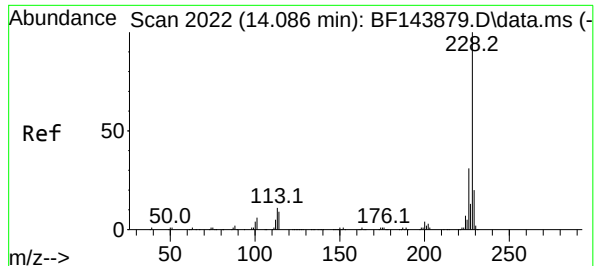


#82  
3,3'-Dichlorobenzidine  
Concen: 42.747 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:252 Resp: 221480  
Ion Ratio Lower Upper  
252 100  
254 62.8 50.6 76.0  
126 9.2 7.0 10.6





#83

Chrysene

Concen: 37.792 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:228 Resp: 594668

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

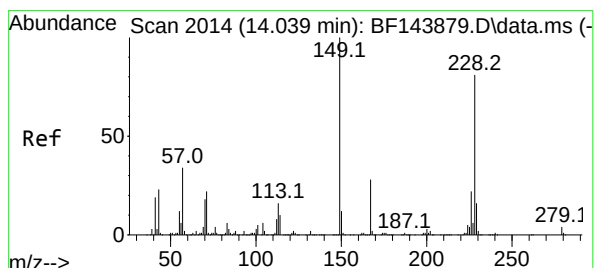
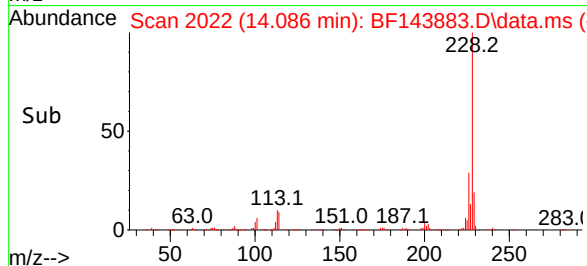
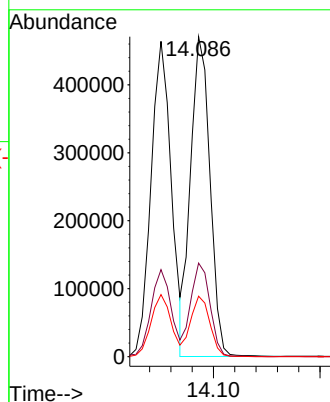
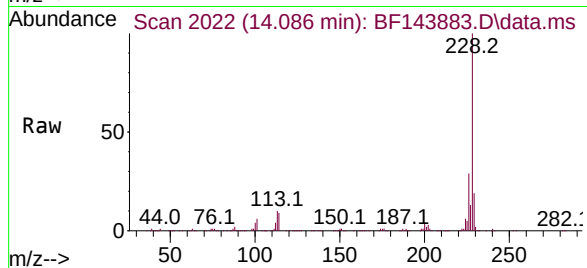
229 18.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.560 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

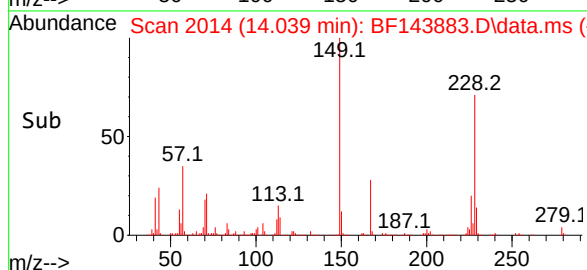
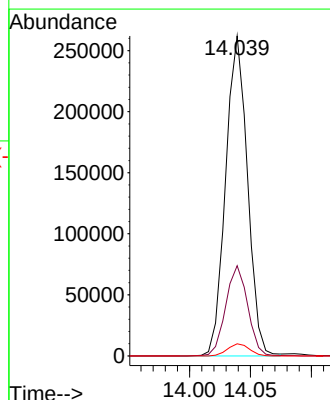
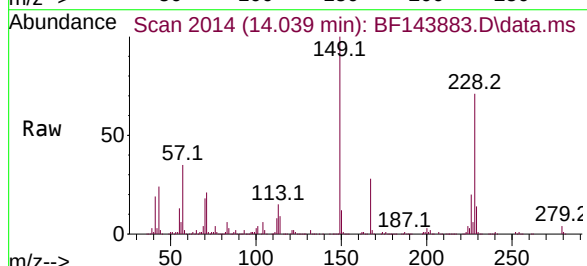
Tgt Ion:149 Resp: 326966

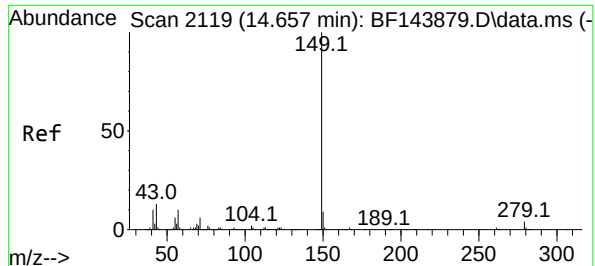
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

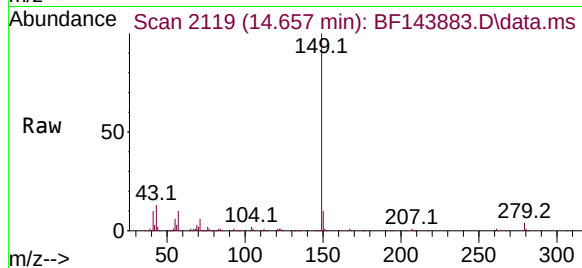
279 3.8 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 36.116 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

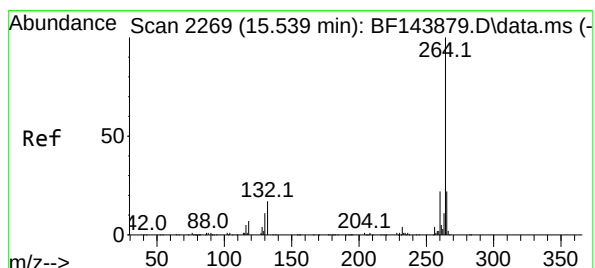
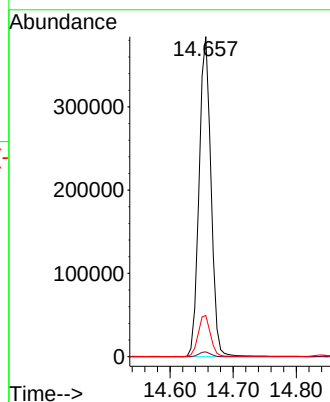
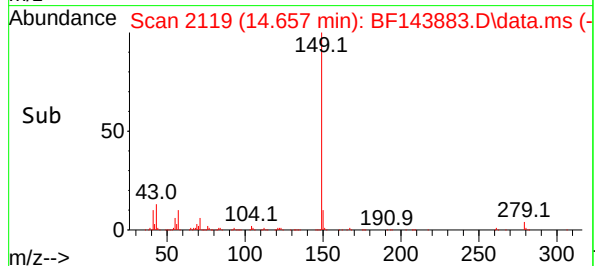
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:149 Resp: 502989  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 13.2 11.0 16.4

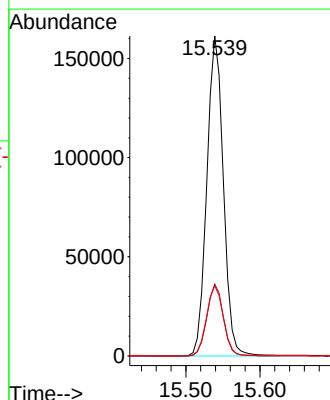
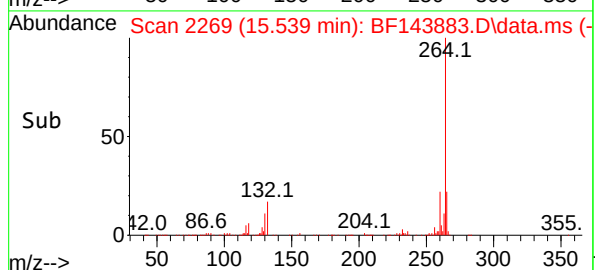
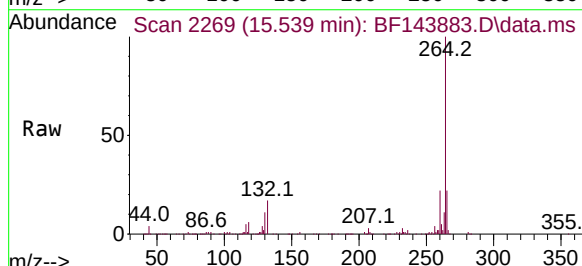
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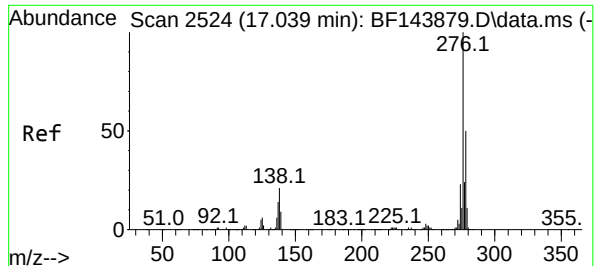
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.539 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:264 Resp: 249446  
Ion Ratio Lower Upper  
264 100  
260 22.4 17.8 26.8  
265 21.8 17.5 26.3





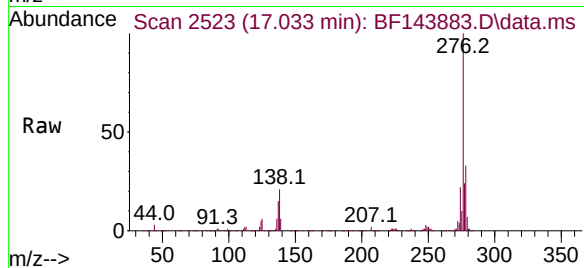
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 36.867 ng  
RT: 17.033 min Scan# 2195  
Delta R.T. -0.023 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

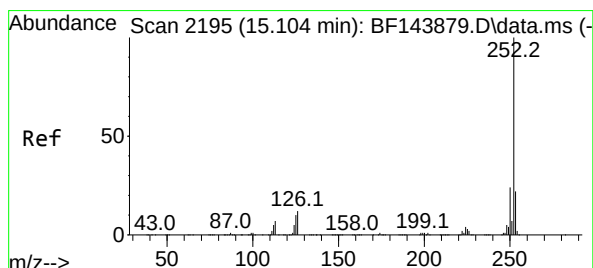
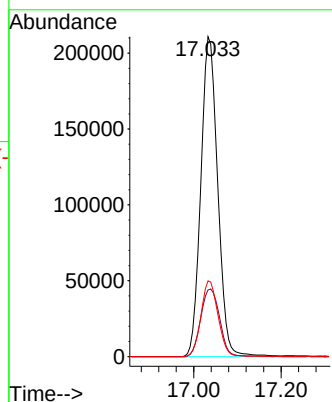
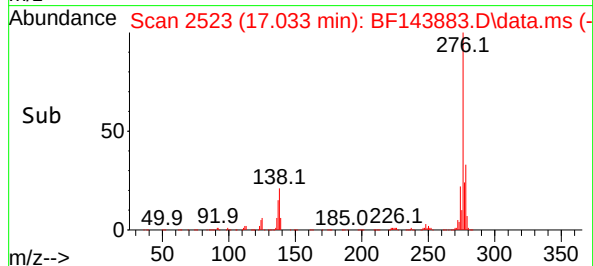


Tgt Ion:276 Resp: 563492  
Ion Ratio Lower Upper  
276 100  
138 23.7 18.2 27.2  
277 23.8 19.8 29.6

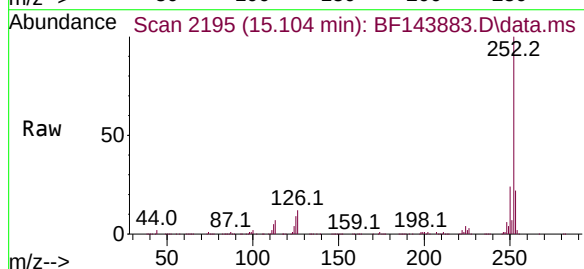
Manual Integrations

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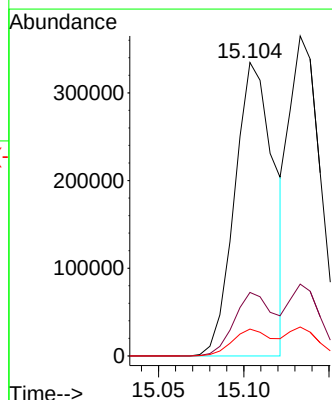
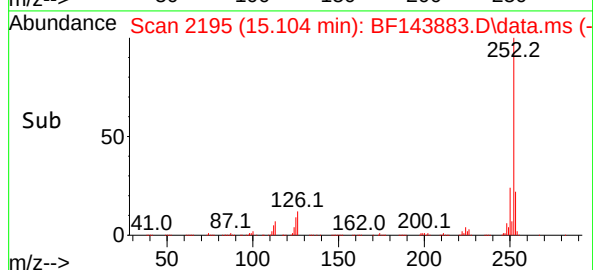
Reviewed By :Rahul Chavli 10/07/2025  
Supervised By :Jagrut Upadhyay 10/07/2025

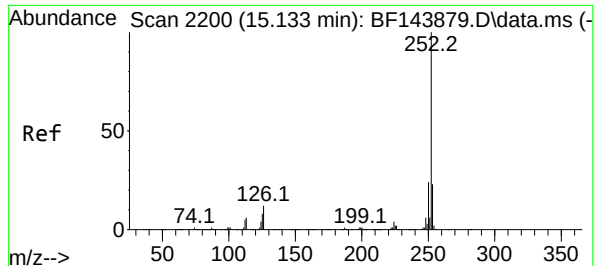


#88  
Benzo(b)fluoranthene  
Concen: 37.533 ng  
RT: 15.104 min Scan# 2195  
Delta R.T. -0.012 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08



Tgt Ion:252 Resp: 537814  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.2  
125 9.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 35.252 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA\_F

ClientSampleId :

ICVBF100625

Tgt Ion:252 Resp: 467396

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

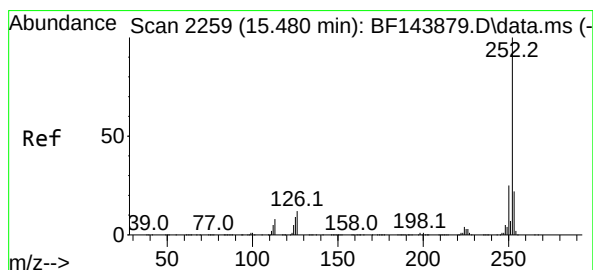
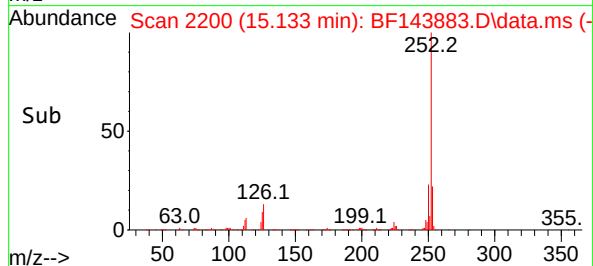
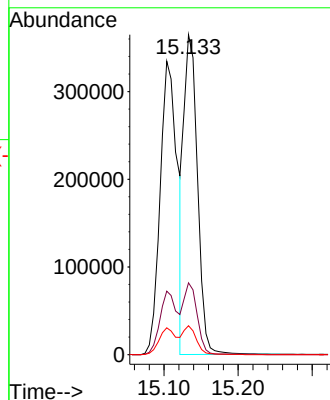
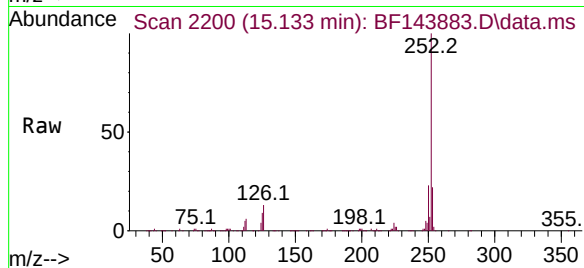
125 9.0 7.4 11.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 37.900 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

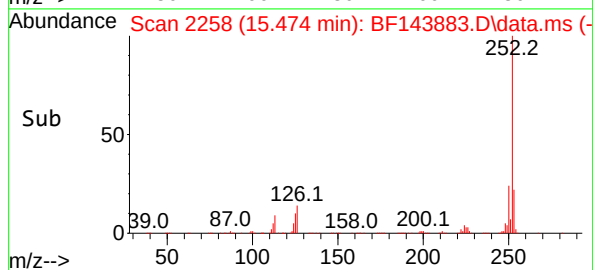
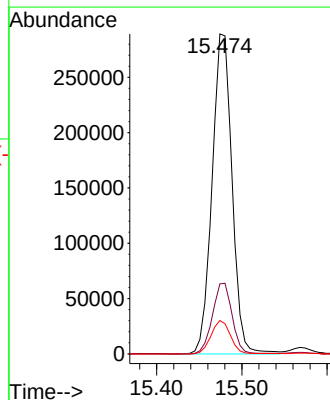
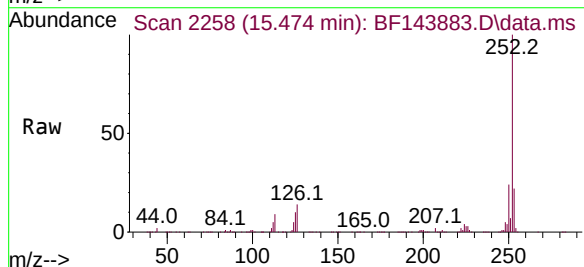
Tgt Ion:252 Resp: 470896

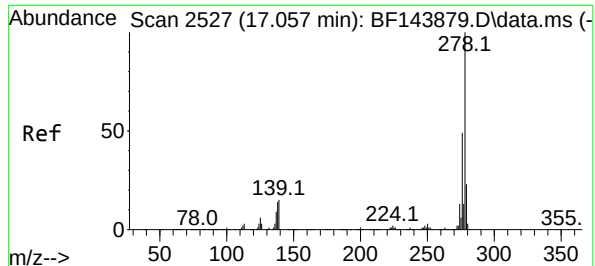
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

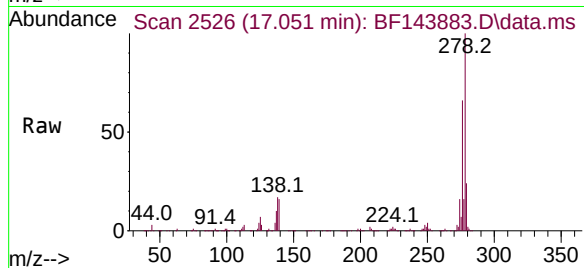
125 10.4 7.0 10.4





#91  
Dibenzo(a,h)anthracene  
Concen: 36.995 ng  
RT: 17.051 min Scan# 2527  
Delta R.T. -0.029 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

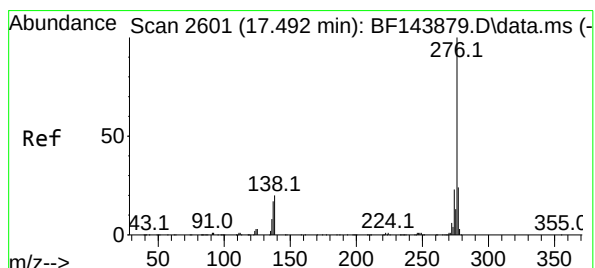
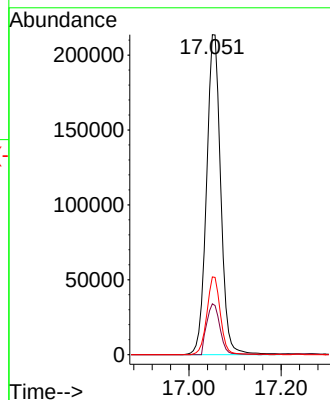
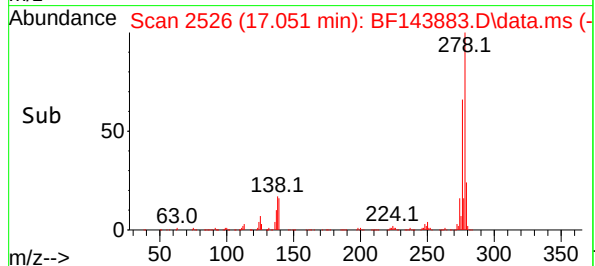
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625



Tgt Ion:278 Resp: 454776  
Ion Ratio Lower Upper  
278 100  
139 15.9 11.7 17.5  
279 24.3 18.4 27.6

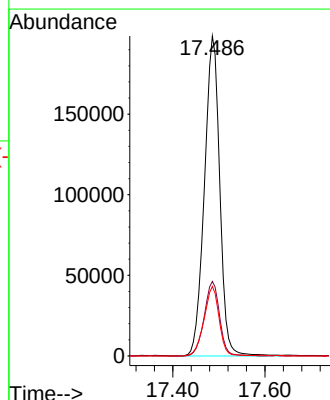
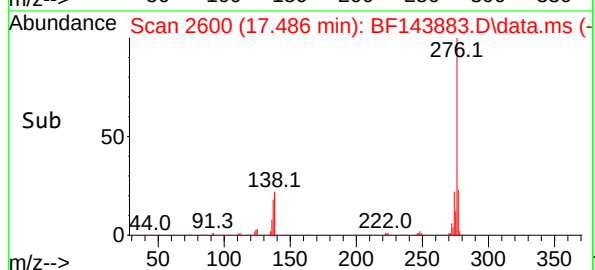
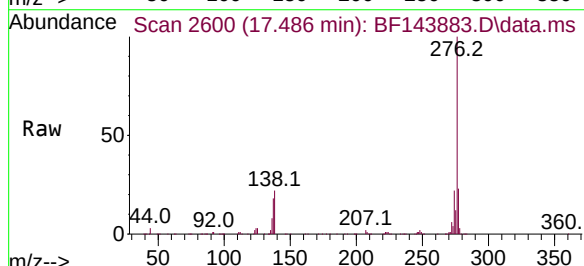
Manual Integrations  
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Supervised By :Jagrut Upadhyay 10/07/2025



#92  
Benzo(g,h,i)perylene  
Concen: 37.162 ng  
RT: 17.486 min Scan# 2600  
Delta R.T. -0.029 min  
Lab File: BF143883.D  
Acq: 06 Oct 2025 16:08

Tgt Ion:276 Resp: 456833  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.6  
138 21.7 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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   | 92    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.583 | 0.543 | 6.9   | 82    | 0.00     |
| 3    | Pyridine                    | 1.697 | 1.496 | 11.8  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.893 | 0.858 | 3.9   | 87    | -0.03    |
| 5 S  | 2-Fluorophenol              | 1.259 | 1.179 | 6.4   | 83    | 0.00     |
| 6    | Aniline                     | 2.250 | 2.134 | 5.2   | 84    | 0.00     |
| 7 S  | Phenol-d6                   | 1.501 | 1.398 | 6.9   | 83    | -0.02    |
| 8    | 2-Chlorophenol              | 1.231 | 1.173 | 4.7   | 83    | 0.00     |
| 9    | Benzaldehyde                | 1.158 | 1.075 | 7.2   | 74    | 0.00     |
| 10 C | Phenol                      | 1.795 | 1.683 | 6.2   | 84    | -0.02    |
| 11   | bis(2-Chloroethyl)ether     | 1.386 | 1.267 | 8.6   | 81    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.474 | 1.394 | 5.4   | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.454 | 1.395 | 4.1   | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.392 | 1.380 | 0.9   | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 1.125 | 1.096 | 2.6   | 86    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 3.156 | 2.964 | 6.1   | 84    | 0.00     |
| 17   | 2-Methylphenol              | 1.017 | 0.976 | 4.0   | 85    | 0.00     |
| 18   | Hexachloroethane            | 0.485 | 0.458 | 5.6   | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.028 | 0.941 | 8.5   | 84    | -0.02    |
| 20   | 3+4-Methylphenols           | 1.179 | 1.176 | 0.3   | 85    | -0.02    |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 94    | 0.00     |
| 22   | Acetophenone                | 0.423 | 0.399 | 5.7   | 86    | -0.01    |
| 23 S | Nitrobenzene-d5             | 0.329 | 0.306 | 7.0   | 83    | -0.01    |
| 24   | Nitrobenzene                | 0.366 | 0.345 | 5.7   | 82    | -0.01    |
| 25   | Isophorone                  | 0.694 | 0.613 | 11.7  | 81    | -0.02    |
| 26 C | 2-Nitrophenol               | 0.157 | 0.152 | 3.2   | 82    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.288 | -2.1  | 91    | -0.01    |
| 28   | bis(2-Chloroethoxy)methane  | 0.438 | 0.402 | 8.2   | 85    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.294 | 0.271 | 7.8   | 83    | -0.01    |
| 30   | 1,2,4-Trichlorobenzene      | 0.289 | 0.271 | 6.2   | 85    | 0.00     |
| 31   | Naphthalene                 | 0.910 | 0.834 | 8.4   | 84    | 0.00     |
| 32   | Benzoic acid                | 0.195 | 0.172 | 11.8  | 80    | -0.06    |
| 33   | 4-Chloroaniline             | 0.341 | 0.358 | -5.0  | 94    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.201 | 0.177 | 11.9  | 80    | 0.00     |
| 35   | Caprolactam                 | 0.093 | 0.088 | 5.4   | 86    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 0.282 | 0.254 | 9.9   | 83    | -0.01    |
| 37   | 2-Methylnaphthalene         | 0.606 | 0.504 | 16.8  | 76    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.588 | 0.518 | 11.9  | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.553 | 0.513 | 7.2   | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.229 | 0.281 | -22.7 | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.199 | 0.178 | 10.6  | 82    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.404 | 0.371 | 8.2   | 79    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 0.427 | 0.376 | 11.9  | 78    | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 1.260 | 1.065 | 15.5  | 83    | -0.01    |
| 46   | 1,1'-Biphenyl               | 1.324 | 1.217 | 8.1   | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.104 | 1.006 | 8.9   | 84    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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             | 0.349 | 0.339 | 2.9   | 83    | 0.00     |
| 49   | Acenaphthylene             | 1.552 | 1.585 | -2.1  | 93    | 0.00     |
| 50   | Dimethylphthalate          | 1.270 | 1.142 | 10.1  | 84    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.236 | 0.247 | -4.7  | 90    | -0.01    |
| 52 C | Acenaphthene               | 1.017 | 0.913 | 10.2  | 83    | 0.00     |
| 53   | 3-Nitroaniline             | 0.288 | 0.292 | -1.4  | 91    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 0.118 | 0.107 | 9.3   | 85    | -0.01    |
| 55   | Dibenzofuran               | 1.436 | 1.318 | 8.2   | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.218 | 0.201 | 7.8   | 82    | -0.02    |
| 57   | 2,4-Dinitrotoluene         | 0.320 | 0.330 | -3.1  | 86    | -0.01    |
| 58   | Fluorene                   | 1.083 | 0.962 | 11.2  | 84    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.291 | 3.6   | 85    | -0.05    |
| 60   | Diethylphthalate           | 1.180 | 1.077 | 8.7   | 84    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.573 | 0.517 | 9.8   | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 0.277 | 0.257 | 7.2   | 84    | -0.02    |
| 63   | Azobenzene                 | 1.233 | 1.136 | 7.9   | 85    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.101 | 0.093 | 7.9   | 82    | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 0.628 | 0.575 | 8.4   | 85    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.221 | 0.188 | 14.9  | 79    | 0.00     |
| 68   | Hexachlorobenzene          | 0.256 | 0.220 | 14.1  | 80    | 0.00     |
| 69   | Atrazine                   | 0.190 | 0.186 | 2.1   | 93    | -0.01    |
| 70 C | Pentachlorophenol          | 0.147 | 0.122 | 17.0  | 75    | 0.00     |
| 71   | Phenanthrene               | 0.970 | 0.862 | 11.1  | 86    | 0.00     |
| 72   | Anthracene                 | 0.980 | 0.888 | 9.4   | 84    | 0.00     |
| 73   | Carbazole                  | 0.868 | 0.786 | 9.4   | 86    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.005 | 0.934 | 7.1   | 86    | 0.00     |
| 75 C | Fluoranthene               | 1.002 | 0.902 | 10.0  | 85    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 102   | 0.00     |
| 77   | Benzydine                  | 0.694 | 0.788 | -13.5 | 106   | 0.00     |
| 78   | Pyrene                     | 1.667 | 1.519 | 8.9   | 83    | 0.00     |
| 79 S | Terphenyl-d14              | 1.170 | 1.089 | 6.9   | 87    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.542 | 0.528 | 2.6   | 87    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.309 | 1.183 | 9.6   | 86    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.399 | 0.426 | -6.8  | 99    | 0.00     |
| 83   | Chrysene                   | 1.211 | 1.144 | 5.5   | 90    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.653 | 0.629 | 3.7   | 87    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.072 | 0.968 | 9.7   | 83    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.225 | 1.129 | 7.8   | 81    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 1.149 | 1.078 | 6.2   | 84    | -0.01    |
| 89   | Benzo(k)fluoranthene       | 1.063 | 0.937 | 11.9  | 84    | -0.01    |
| 90 C | Benzo(a)pyrene             | 0.996 | 0.944 | 5.2   | 85    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 0.986 | 0.912 | 7.5   | 80    | -0.03    |
| 92   | Benzo(g,h,i)perylene       | 0.986 | 0.916 | 7.1   | 81    | -0.03    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143883.D  
Acq On : 06 Oct 2025 16:08  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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   | 92    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.256 | 6.9   | 82    | 0.00     |
| 3    | Pyridine                    | 40.000 | 35.261 | 11.8  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.456 | 3.9   | 87    | -0.03    |
| 5 S  | 2-Fluorophenol              | 80.000 | 74.908 | 6.4   | 83    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.937 | 5.2   | 84    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 74.487 | 6.9   | 83    | -0.02    |
| 8    | 2-Chlorophenol              | 40.000 | 38.116 | 4.7   | 83    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.141 | 7.1   | 74    | 0.00     |
| 10 C | Phenol                      | 40.000 | 37.501 | 6.2   | 84    | -0.02    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.561 | 8.6   | 81    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.828 | 5.4   | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.392 | 4.0   | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.655 | 0.9   | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.974 | 2.6   | 86    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.568 | 6.1   | 84    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.352 | 4.1   | 85    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.755 | 5.6   | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.612 | 8.5   | 84    | -0.02    |
| 20   | 3+4-Methylphenols           | 40.000 | 39.880 | 0.3   | 85    | -0.02    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 94    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.713 | 5.7   | 86    | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 74.330 | 7.1   | 83    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 37.727 | 5.7   | 82    | -0.01    |
| 25   | Isophorone                  | 40.000 | 35.347 | 11.6  | 81    | -0.02    |
| 26 C | 2-Nitrophenol               | 40.000 | 38.717 | 3.2   | 82    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.847 | -2.1  | 91    | -0.01    |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 36.639 | 8.4   | 85    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 36.899 | 7.8   | 83    | -0.01    |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.503 | 6.2   | 85    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.679 | 8.3   | 84    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 35.162 | 12.1  | 80    | -0.06    |
| 33   | 4-Chloroaniline             | 40.000 | 41.950 | -4.9  | 94    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 35.201 | 12.0  | 80    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 37.736 | 5.7   | 86    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 36.079 | 9.8   | 83    | -0.01    |
| 37   | 2-Methylnaphthalene         | 40.000 | 33.257 | 16.9  | 76    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 35.269 | 11.8  | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 95    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.122 | 7.2   | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 48.984 | -22.5 | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 71.685 | 10.4  | 82    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 36.726 | 8.2   | 79    | -0.01    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 35.194 | 12.0  | 78    | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 67.621 | 15.5  | 83    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.770 | 8.1   | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 36.454 | 8.9   | 84    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
 Data File : BF143883.D  
 Acq On : 06 Oct 2025 16:08  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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 | 38.894 | 2.8   | 83    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.859 | -2.1  | 93    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 35.968 | 10.1  | 84    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.967 | -4.9  | 90    | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 35.913 | 10.2  | 83    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.493 | -1.2  | 91    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 33.731 | 15.7  | 85    | -0.01    |
| 55   | Dibenzofuran               | 40.000 | 36.717 | 8.2   | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 36.850 | 7.9   | 82    | -0.02    |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.169 | -2.9  | 86    | -0.01    |
| 58   | Fluorene                   | 40.000 | 35.527 | 11.2  | 84    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.488 | 3.8   | 85    | -0.05    |
| 60   | Diethylphthalate           | 40.000 | 36.501 | 8.7   | 84    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.113 | 9.7   | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 37.074 | 7.3   | 84    | -0.02    |
| 63   | Azobenzene                 | 40.000 | 36.837 | 7.9   | 85    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.083 | 7.3   | 82    | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.649 | 8.4   | 85    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 33.973 | 15.1  | 79    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 34.415 | 14.0  | 80    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.016 | 2.5   | 93    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 33.097 | 17.3  | 75    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 35.542 | 11.1  | 86    | 0.00     |
| 72   | Anthracene                 | 40.000 | 36.273 | 9.3   | 84    | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.246 | 9.4   | 86    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 37.171 | 7.1   | 86    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.019 | 10.0  | 85    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 102   | 0.00     |
| 77   | Benzidine                  | 40.000 | 45.411 | -13.5 | 106   | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.431 | 8.9   | 83    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 74.443 | 6.9   | 87    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 38.986 | 2.5   | 87    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 36.142 | 9.6   | 86    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.747 | -6.9  | 99    | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.792 | 5.5   | 90    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 38.560 | 3.6   | 87    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 36.116 | 9.7   | 83    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 36.867 | 7.8   | 81    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.533 | 6.2   | 84    | -0.01    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 35.252 | 11.9  | 84    | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 37.900 | 5.3   | 85    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.995 | 7.5   | 80    | -0.03    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 37.162 | 7.1   | 81    | -0.03    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143883.D  
Acq On : 06 Oct 2025 16:08  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF100625

Quant Time: Oct 06 16:37:11 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 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

Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
 Method File : 8270-BG100225.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Thu Oct 02 16:40:42 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BG064473.D 5 =BG064474.D 10 =BG064481.D 20 =BG064476.D 40 =BG064477.D 50 =BG064478.D 60 =BG064479.D 80 =BG064480.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 2)    | 1,4-Dioxane           | 0.530          | 0.412 | 0.447 | 0.438 | 0.398 | 0.386 | 0.381 | 0.427 | 12.10 |      |
| 3)    | Pyridine              | 1.225          | 1.151 | 1.147 | 1.236 | 1.102 | 1.095 | 1.086 | 1.149 | 5.33  |      |
| 4)    | n-Nitrosodimet...     |                | 0.854 | 0.790 | 0.863 | 0.833 | 0.843 | 0.814 | 0.833 | 3.24  |      |
| 5) S  | 2-Fluorophenol        | 1.066          | 1.018 | 1.053 | 1.195 | 1.071 | 1.108 | 1.053 | 1.081 | 5.26  |      |
| 6)    | Aniline               | 1.913          | 1.738 | 1.827 | 2.020 | 1.772 | 1.823 | 1.729 | 1.832 | 5.68  |      |
| 7) S  | Phenol-d6             | 1.395          | 1.373 | 1.446 | 1.631 | 1.434 | 1.496 | 1.391 | 1.452 | 6.12  |      |
| 8)    | 2-Chlorophenol        | 1.387          | 1.264 | 1.312 | 1.455 | 1.264 | 1.336 | 1.271 | 1.327 | 5.45  |      |
| 9)    | Benzaldehyde          |                | 1.437 | 1.039 | 1.527 | 1.146 | 1.548 | 1.037 | 1.289 | 18.76 |      |
| 10) C | Phenol                | 1.518          | 1.397 | 1.530 | 1.683 | 1.517 | 1.583 | 1.496 | 1.532 | 5.68  |      |
| 11)   | bis(2-Chloroet...     | 1.117          | 0.953 | 1.002 | 1.134 | 1.000 | 1.064 | 0.992 | 1.038 | 6.61  |      |
| 12)   | 1,3-Dichlorobe...     | 1.558          | 1.459 | 1.396 | 1.582 | 1.385 | 1.418 | 1.363 | 1.452 | 5.97  |      |
| 13) C | 1,4-Dichlorobe...     | 1.506          | 1.435 | 1.452 | 1.581 | 1.421 | 1.421 | 1.383 | 1.457 | 4.57  |      |
| 14)   | 1,2-Dichlorobe...     | 1.583          | 1.389 | 1.434 | 1.533 | 1.377 | 1.399 | 1.335 | 1.436 | 6.24  |      |
| 15)   | Benzyl Alcohol        |                | 1.224 | 1.300 | 1.447 | 1.342 | 1.399 | 1.312 | 1.337 | 5.87  |      |
| 16)   | 2,2'-oxybis(1-...     | 1.720          | 1.610 | 1.657 | 1.804 | 1.650 | 1.708 | 1.558 | 1.672 | 4.80  |      |
| 17)   | 2-Methylphenol        | 1.105          | 1.063 | 1.087 | 1.215 | 1.076 | 1.143 | 1.077 | 1.109 | 4.81  |      |
| 18)   | Hexachloroethane      |                | 0.586 | 0.630 | 0.534 | 0.604 | 0.562 | 0.566 | 0.544 | 0.575 | 5.87 |
| 19) P | n-Nitroso-di-n...     | 0.813          | 1.008 | 0.913 | 1.006 | 1.096 | 0.959 | 1.048 | 0.926 | 0.971 | 9.10 |
| 20)   | 3+4-Methylphenols     |                |       | 1.472 | 1.510 | 1.700 | 1.492 | 1.622 | 1.494 | 1.548 | 5.91 |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 22)   | Acetophenone          | 0.476          | 0.450 | 0.477 | 0.516 | 0.491 | 0.495 | 0.486 | 0.484 | 4.21  |      |
| 23) S | Nitrobenzene-d5       | 0.360          | 0.352 | 0.378 | 0.396 | 0.369 | 0.381 | 0.369 | 0.372 | 3.84  |      |
| 24)   | Nitrobenzene          | 0.403          | 0.348 | 0.352 | 0.395 | 0.364 | 0.377 | 0.358 | 0.371 | 5.73  |      |
| 25)   | Isophorone            | 0.672          | 0.654 | 0.674 | 0.721 | 0.660 | 0.686 | 0.650 | 0.674 | 3.59  |      |
| 26) C | 2-Nitrophenol         | 0.197          | 0.169 | 0.181 | 0.192 | 0.185 | 0.188 | 0.181 | 0.185 | 4.93  |      |
| 27)   | 2,4-Dimethylph...     | 0.277          | 0.257 | 0.279 | 0.299 | 0.285 | 0.298 | 0.281 | 0.282 | 4.97  |      |
| 28)   | bis(2-Chloroet...     | 0.320          | 0.320 | 0.361 | 0.375 | 0.336 | 0.352 | 0.341 | 0.343 | 5.92  |      |
| 29) C | 2,4-Dichloroph...     | 0.323          | 0.305 | 0.321 | 0.343 | 0.322 | 0.336 | 0.332 | 0.326 | 3.78  |      |
| 30)   | 1,2,4-Trichlor...     | 0.383          | 0.333 | 0.360 | 0.377 | 0.339 | 0.349 | 0.347 | 0.356 | 5.27  |      |
| 31)   | Naphthalene           | 1.062          | 0.980 | 1.013 | 1.107 | 0.995 | 1.041 | 1.011 | 1.030 | 4.26  |      |
| 32)   | Benzoic acid          |                | 0.149 | 0.198 | 0.230 | 0.240 | 0.239 | 0.243 | 0.216 | 17.02 |      |
| 33)   | 4-Chloroaniline       | 0.392          | 0.398 | 0.373 | 0.417 | 0.388 | 0.406 | 0.392 | 0.395 | 3.53  |      |
| 34) C | Hexachlorobuta...     | 0.331          | 0.289 | 0.308 | 0.316 | 0.296 | 0.300 | 0.291 | 0.304 | 4.94  |      |
| 35)   | Caprolactam           |                | 0.108 | 0.120 | 0.115 | 0.111 | 0.110 | 0.107 | 0.112 | 4.36  |      |
| 36) C | 4-Chloro-3-met...     | 0.395          | 0.381 | 0.392 | 0.418 | 0.390 | 0.405 | 0.395 | 0.397 | 3.01  |      |
| 37)   | 2-Methylnaphth...     | 0.783          | 0.771 | 0.790 | 0.843 | 0.778 | 0.799 | 0.770 | 0.791 | 3.18  |      |
| 38)   | 1-Methylnaphth...     | 0.837          | 0.782 | 0.782 | 0.825 | 0.750 | 0.784 | 0.758 | 0.788 | 4.08  |      |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
 Method File : 8270-BG100225.M

|       |                    |                |       |       |       |       |       |       |       |       |  |
|-------|--------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac...  | 0.622          | 0.604 | 0.622 | 0.708 | 0.640 | 0.678 | 0.646 | 0.646 | 5.60  |  |
| 41) P | Hexachlorocycl...  | 0.279          | 0.296 | 0.363 | 0.356 | 0.378 | 0.356 | 0.338 |       | 11.95 |  |
| 42) S | 2,4,6-Tribromo...  | 0.364          | 0.352 | 0.367 | 0.381 | 0.364 | 0.361 | 0.349 | 0.363 | 2.89  |  |
| 43) C | 2,4,6-Trichlor...  | 0.391          | 0.390 | 0.396 | 0.445 | 0.416 | 0.436 | 0.414 | 0.413 | 5.30  |  |
| 44)   | 2,4,5-Trichlor...  | 0.451          | 0.452 | 0.430 | 0.486 | 0.465 | 0.473 | 0.470 | 0.461 | 3.93  |  |
| 45) S | 2-Fluorobiphenyl   | 1.355          | 1.338 | 1.346 | 1.434 | 1.325 | 1.389 | 1.310 | 1.357 | 3.11  |  |
| 46)   | 1,1'-Biphenyl      | 1.439          | 1.388 | 1.417 | 1.521 | 1.434 | 1.484 | 1.387 | 1.438 | 3.42  |  |
| 47)   | 2-Chloronaphth...  | 1.006          | 1.104 | 1.046 | 1.153 | 1.056 | 1.106 | 1.046 | 1.074 | 4.61  |  |
| 48)   | 2-Nitroaniline     | 0.301          | 0.362 | 0.371 | 0.397 | 0.386 | 0.385 | 0.365 | 0.367 | 8.60  |  |
| 49)   | Acenaphthylene     | 1.591          | 1.534 | 1.573 | 1.704 | 1.574 | 1.638 | 1.546 | 1.594 | 3.68  |  |
| 50)   | Dimethylphthalate  | 1.564          | 1.584 | 1.582 | 1.624 | 1.531 | 1.586 | 1.493 | 1.566 | 2.72  |  |
| 51)   | 2,6-Dinitrotol...  | 0.292          | 0.326 | 0.335 | 0.337 | 0.333 | 0.345 | 0.316 | 0.326 | 5.43  |  |
| 52) C | Acenaphthene       | 1.108          | 1.099 | 1.086 | 1.159 | 1.106 | 1.138 | 1.058 | 1.108 | 2.98  |  |
| 53)   | 3-Nitroaniline     | 0.279          | 0.294 | 0.300 | 0.319 | 0.315 | 0.303 | 0.296 | 0.301 | 4.50  |  |
| 54) P | 2,4-Dinitrophenol  | 0.265          | 0.270 | 0.207 | 0.228 | 0.229 | 0.220 | 0.237 |       | 10.76 |  |
| 55)   | Dibenzofuran       | 1.837          | 1.810 | 1.800 | 1.909 | 1.821 | 1.872 | 1.753 | 1.829 | 2.77  |  |
| 56) P | 4-Nitrophenol      | 0.192          | 0.227 | 0.260 | 0.256 | 0.253 | 0.232 | 0.237 |       | 10.85 |  |
| 57)   | 2,4-Dinitrotol...  | 0.481          | 0.499 | 0.488 | 0.527 | 0.513 | 0.506 | 0.477 | 0.499 | 3.60  |  |
| 58)   | Fluorene           | 1.518          | 1.511 | 1.535 | 1.601 | 1.488 | 1.532 | 1.458 | 1.520 | 2.91  |  |
| 59)   | 2,3,4,6-Tetrac...  | 0.438          | 0.447 | 0.475 | 0.505 | 0.475 | 0.494 | 0.457 | 0.470 | 5.16  |  |
| 60)   | Diethylphthalate   | 1.747          | 1.692 | 1.679 | 1.730 | 1.675 | 1.663 | 1.578 | 1.680 | 3.25  |  |
| 61)   | 4-Chlorophenyl...  | 0.866          | 0.809 | 0.839 | 0.868 | 0.817 | 0.819 | 0.794 | 0.830 | 3.42  |  |
| 62)   | 4-Nitroaniline     | 0.229          | 0.296 | 0.331 | 0.334 | 0.345 | 0.340 | 0.320 | 0.314 | 12.96 |  |
| 63)   | Azobenzene         | 1.339          | 1.299 | 1.325 | 1.346 | 1.295 | 1.289 | 1.216 | 1.301 | 3.37  |  |
| 64) I | Phenanthrene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-...  | 0.125          | 0.139 | 0.145 | 0.138 | 0.145 | 0.144 | 0.139 |       | 5.58  |  |
| 66) c | n-Nitrosodiphe...  | 0.540          | 0.519 | 0.534 | 0.569 | 0.508 | 0.541 | 0.529 | 0.534 | 3.62  |  |
| 67)   | 4-Bromophenyl-...  | 0.235          | 0.229 | 0.227 | 0.253 | 0.224 | 0.237 | 0.241 | 0.235 | 4.21  |  |
| 68)   | Hexachlorobenzene  | 0.256          | 0.261 | 0.272 | 0.288 | 0.260 | 0.280 | 0.270 | 0.269 | 4.36  |  |
| 69)   | Atrazine           | 0.237          | 0.240 | 0.247 | 0.250 | 0.232 | 0.239 | 0.219 | 0.238 | 4.26  |  |
| 70) C | Pentachlorophenol  | 0.118          | 0.146 | 0.169 | 0.166 | 0.170 | 0.175 | 0.157 |       | 13.66 |  |
| 71)   | Phenanthrene       | 1.072          | 1.022 | 1.055 | 1.111 | 1.002 | 1.050 | 1.010 | 1.046 | 3.65  |  |
| 72)   | Anthracene         | 1.045          | 1.028 | 1.044 | 1.130 | 1.001 | 1.068 | 1.029 | 1.049 | 3.93  |  |
| 73)   | Carbazole          | 0.883          | 0.895 | 0.904 | 0.987 | 0.877 | 0.921 | 0.880 | 0.907 | 4.24  |  |
| 74)   | Di-n-butylphth...  | 1.096          | 1.079 | 1.105 | 1.189 | 1.076 | 1.131 | 1.076 | 1.107 | 3.71  |  |
| 75) C | Fluoranthene       | 1.269          | 1.226 | 1.272 | 1.330 | 1.192 | 1.253 | 1.204 | 1.250 | 3.77  |  |
| 76) I | Chrysene-d12       | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine          | 0.393          | 0.424 | 0.649 | 0.540 | 0.621 | 0.359 | 0.498 |       | 24.67 |  |
| 78)   | Pyrene             | 1.295          | 1.329 | 1.316 | 1.392 | 1.242 | 1.281 | 1.230 | 1.298 | 4.24  |  |
| 79) S | Terphenyl-d14      | 1.067          | 1.061 | 1.069 | 1.123 | 1.030 | 1.044 | 1.003 | 1.057 | 3.55  |  |
| 80)   | Butylbenzylphth... | 0.437          | 0.438 | 0.464 | 0.497 | 0.447 | 0.479 | 0.458 | 0.460 | 4.78  |  |
| 81)   | Benzo(a)anthra...  | 1.280          | 1.239 | 1.285 | 1.353 | 1.238 | 1.291 | 1.253 | 1.277 | 3.15  |  |
| 82)   | 3,3'-Dichlorob...  | 0.418          | 0.431 | 0.458 | 0.423 | 0.443 | 0.420 | 0.432 |       | 3.58  |  |
| 83)   | Chrysene           | 1.226          | 1.200 | 1.195 | 1.297 | 1.173 | 1.210 | 1.178 | 1.211 | 3.48  |  |
| 84)   | Bis(2-ethylhex...  | 0.605          | 0.637 | 0.640 | 0.692 | 0.641 | 0.670 | 0.658 | 0.649 | 4.26  |  |
| 85) c | Di-n-octyl pht...  | 1.055          | 1.050 | 1.153 | 1.073 | 1.125 | 1.089 | 1.091 |       | 3.74  |  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
Method File : 8270-BG100225.M

|       |                   |                |       |       |       |       |       |       |       |      |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |
| 87)   | Indeno(1,2,3-c... | 1.368          | 1.320 | 1.378 | 1.493 | 1.387 | 1.431 | 1.368 | 1.392 | 3.98 |
| 88)   | Benzo(b)fluora... | 1.077          | 1.084 | 1.171 | 1.212 | 1.142 | 1.169 | 1.109 | 1.138 | 4.40 |
| 89)   | Benzo(k)fluora... | 1.139          | 1.082 | 1.145 | 1.233 | 1.123 | 1.156 | 1.142 | 1.146 | 3.97 |
| 90) C | Benzo(a)pyrene    | 1.017          | 0.999 | 1.059 | 1.122 | 1.031 | 1.075 | 1.037 | 1.049 | 3.91 |
| 91)   | Dibenzo(a,h)an... | 1.047          | 1.053 | 1.121 | 1.190 | 1.115 | 1.151 | 1.116 | 1.113 | 4.55 |
| 92)   | Benzo(g,h,i)pe... | 1.059          | 1.053 | 1.088 | 1.153 | 1.069 | 1.104 | 1.048 | 1.082 | 3.41 |

-----  
(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064473.D  
 Acq On : 2 Oct 2025 9:01  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Oct 02 16:52:16 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.823  | 152  | 17107    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 10.608 | 136  | 71471    | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 14.450 | 164  | 55395    | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 17.188 | 188  | 147655   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 21.407 | 240  | 159672   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12              | 24.386 | 264  | 165966   | 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              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70   | 1739     | 2.093  | ng    | Qvalue # 83 |
| -----                         |        |      |          |        |       |             |

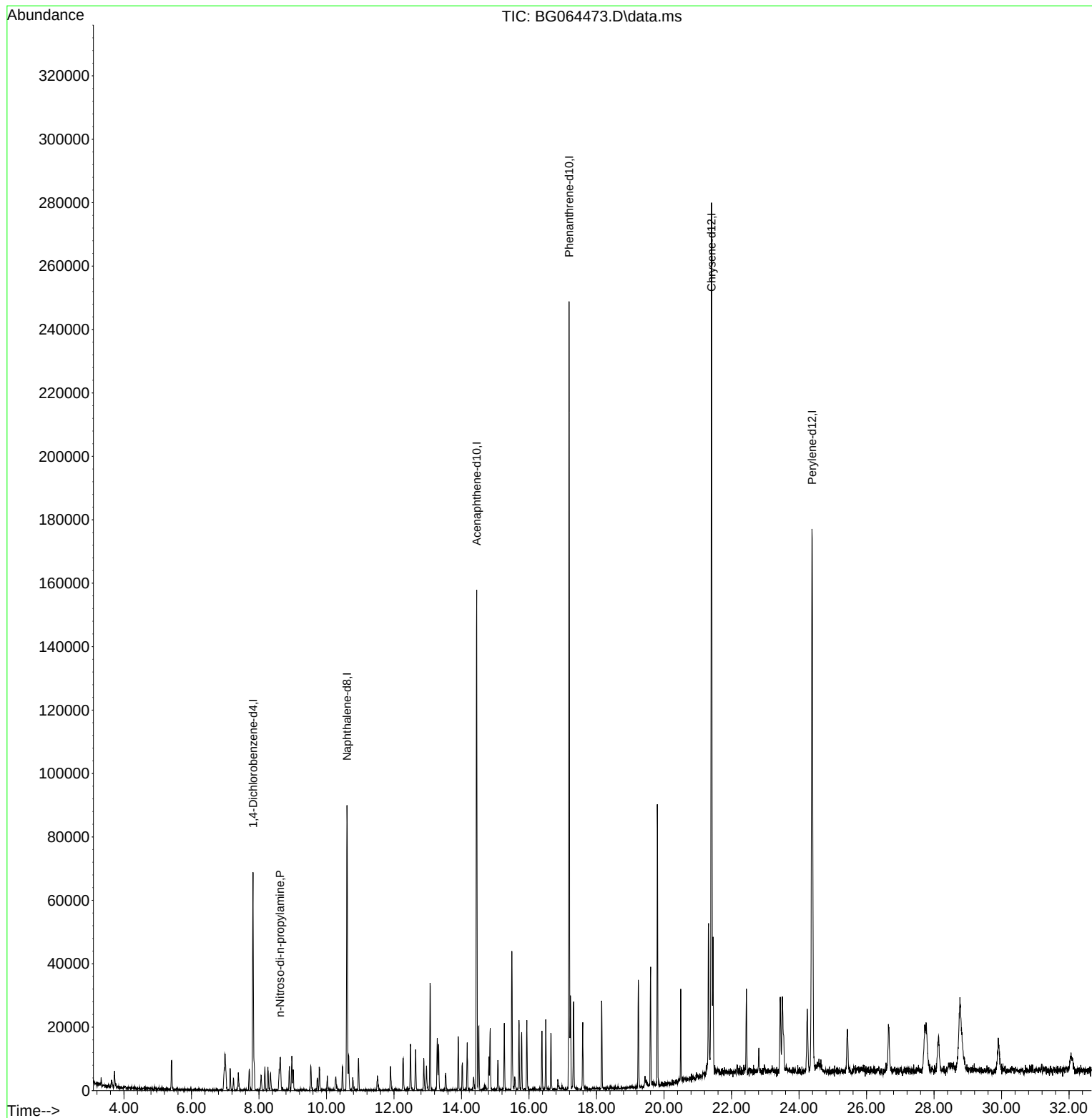
(#) = qualifier out of range (m) = manual integration (+) = signals summed

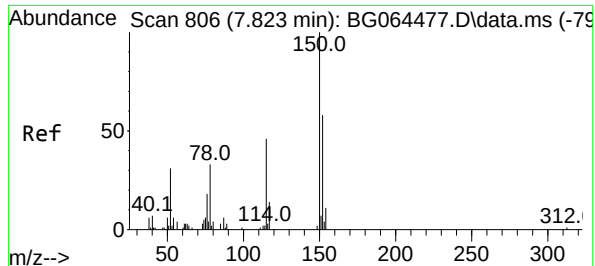


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Data File : BG064473.D  
Acq On : 2 Oct 2025 9:01  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

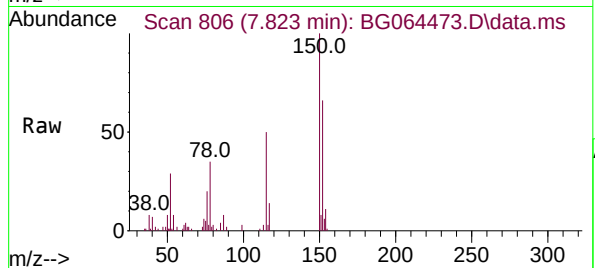
Quant Time: Oct 02 16:52:16 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration



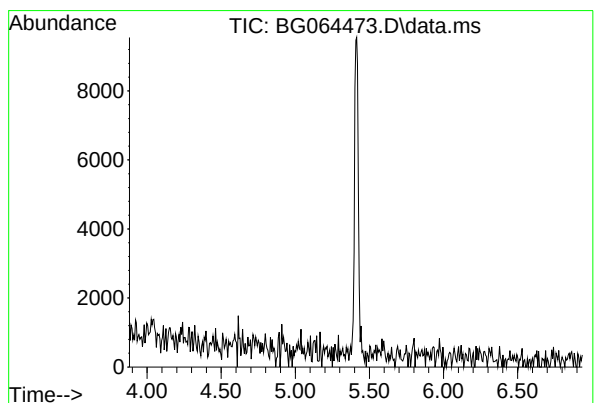
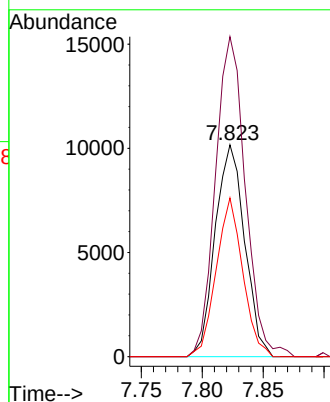
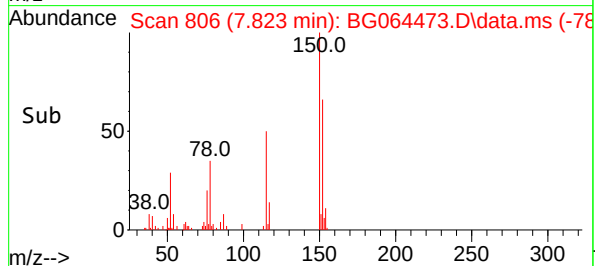


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.823 min Scan# 80  
Delta R.T. 0.003 min  
Lab File: BG064473.D  
Acq: 2 Oct 2025 9:01

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5



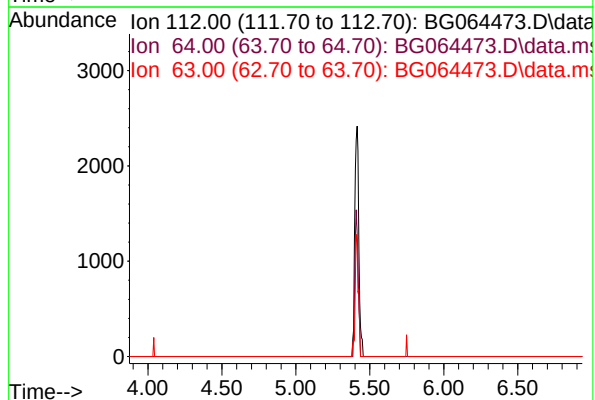
Tgt Ion:152 Resp: 17107  
Ion Ratio Lower Upper  
152 100  
150 151.1 138.6 207.8  
115 75.0 63.4 95.2

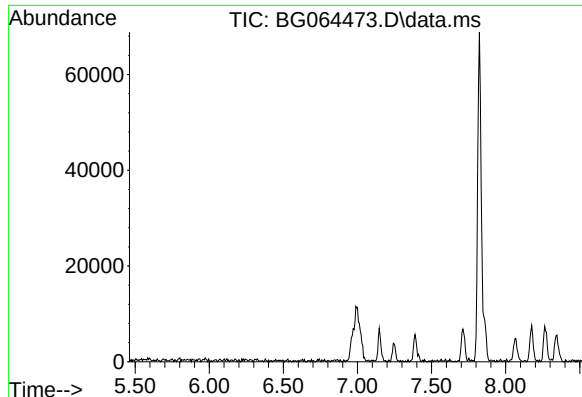


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.41 min

Lab File: BG064473.D  
Acq: 2 Oct 2025 9:01

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 62.3  
63 39.1





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.99 min

Instrument :

BNA\_G

Lab File: BG064473.D

ClientSampleId :

Acq: 2 Oct 2025 9:01

SSTDICC2.5

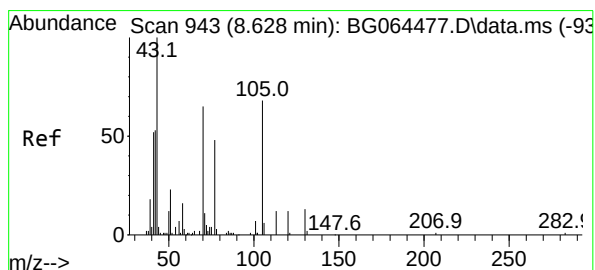
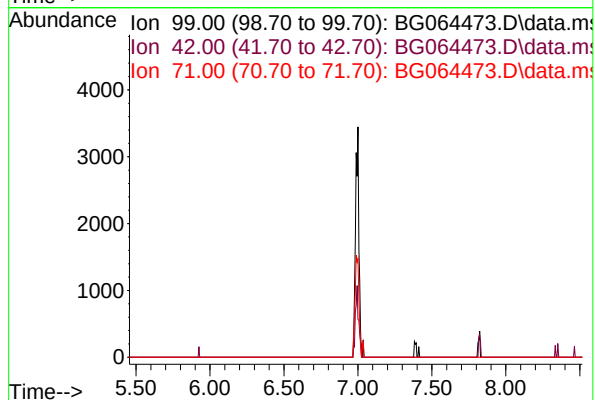
Tgt Ion: 99

Sig Exp Ratio

99 100

42 28.6

71 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.093 ng

RT: 8.622 min Scan# 942

Delta R.T. 0.008 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

Tgt Ion: 70 Resp: 1739

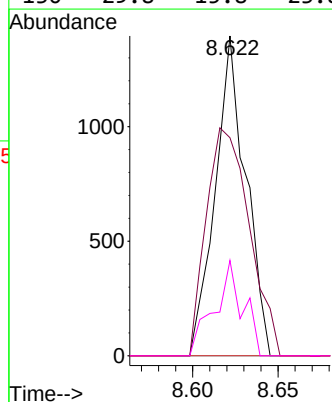
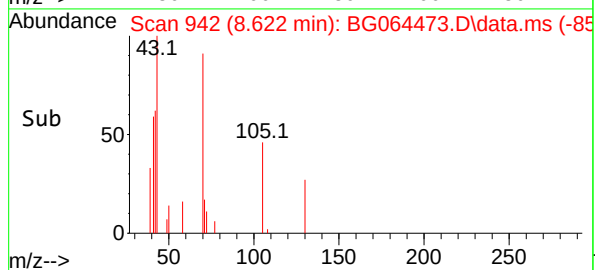
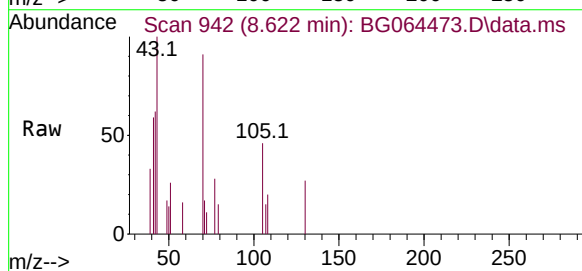
Ion Ratio Lower Upper

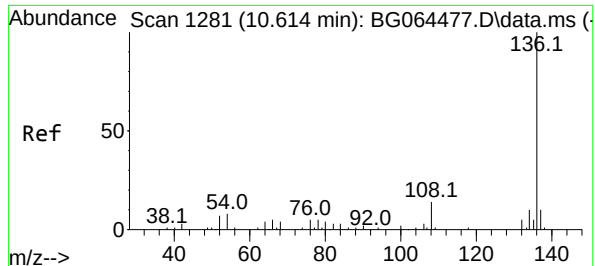
70 100

42 68.2 64.9 97.3

101 0.0 8.7 13.1#

130 29.8 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.608 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG064473.D

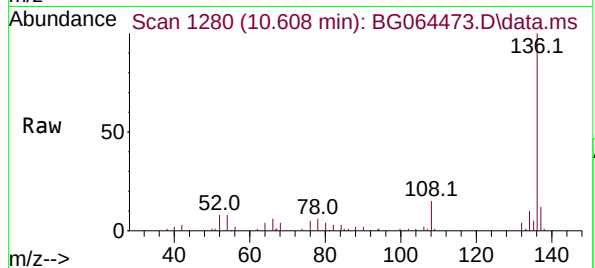
Acq: 2 Oct 2025 9:01

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 71471

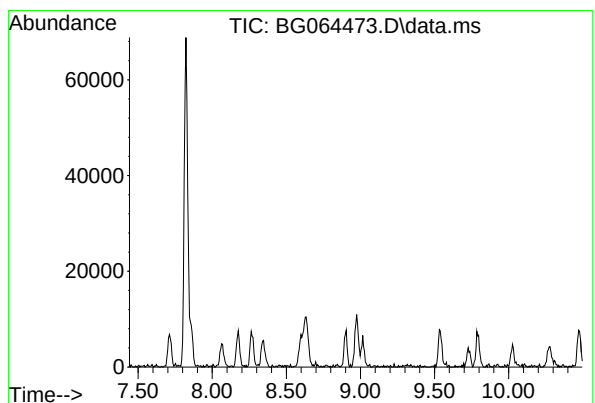
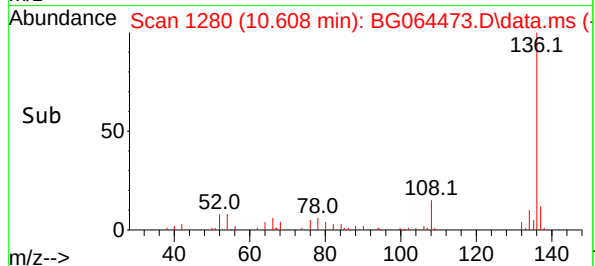
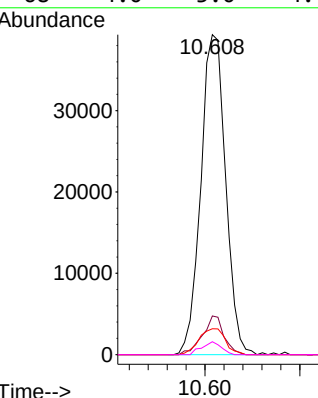
Ion Ratio Lower Upper

136 100

137 12.1 8.3 12.5

54 8.1 6.2 9.4

68 4.0 3.0 4.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.97 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

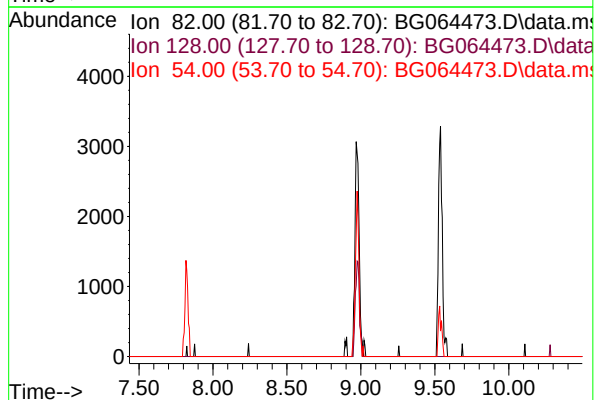
Tgt Ion: 82

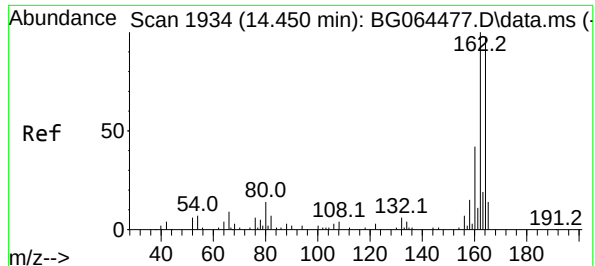
Sig Exp Ratio

82 100

128 41.4

54 69.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.450 min Scan# 19

Delta R.T. 0.002 min

Lab File: BG064473.D

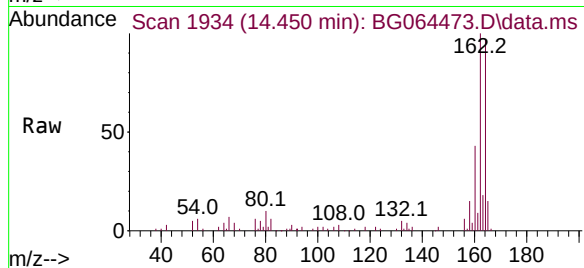
Acq: 2 Oct 2025 9:01

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5



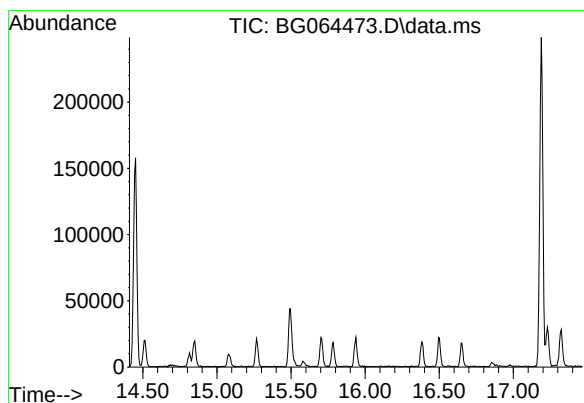
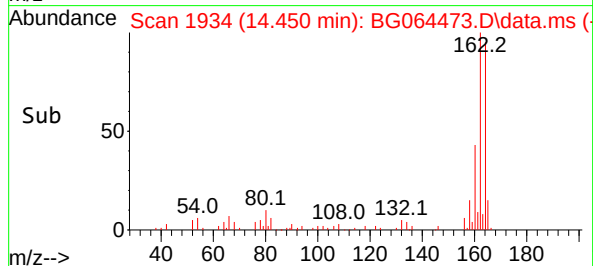
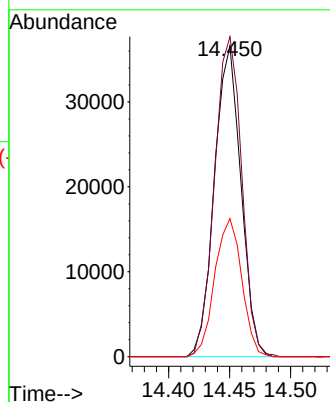
Tgt Ion:164 Resp: 55395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 164 | 100 |  |  |
|-----|-----|--|--|

|     |       |      |       |
|-----|-------|------|-------|
| 162 | 102.9 | 82.2 | 123.2 |
|-----|-------|------|-------|

|     |      |      |      |
|-----|------|------|------|
| 160 | 44.4 | 34.3 | 51.5 |
|-----|------|------|------|



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.93 min

Lab File: BG064473.D

Acq: 2 Oct 2025 9:01

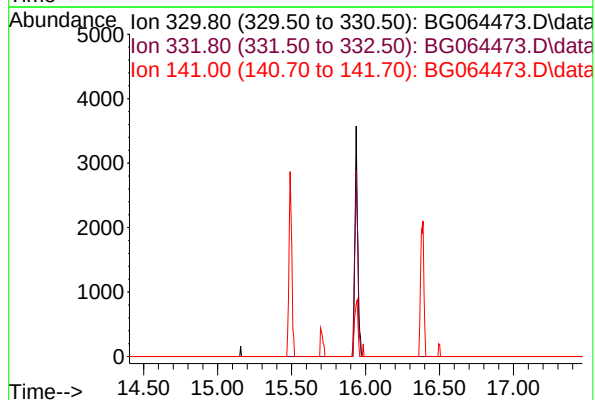
Tgt Ion: 330

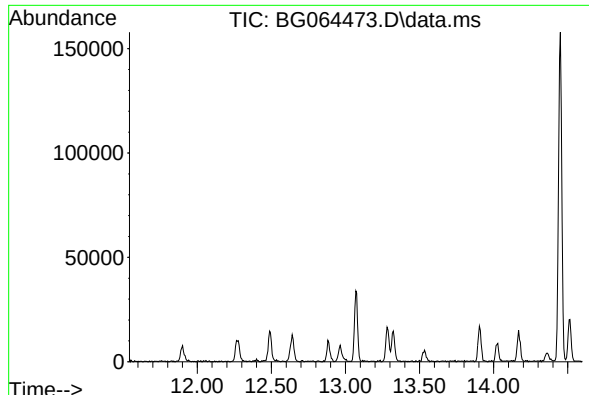
| Sig | Exp Ratio |
|-----|-----------|
|-----|-----------|

|     |     |
|-----|-----|
| 330 | 100 |
|-----|-----|

|     |      |
|-----|------|
| 332 | 96.7 |
|-----|------|

|     |      |
|-----|------|
| 141 | 32.2 |
|-----|------|

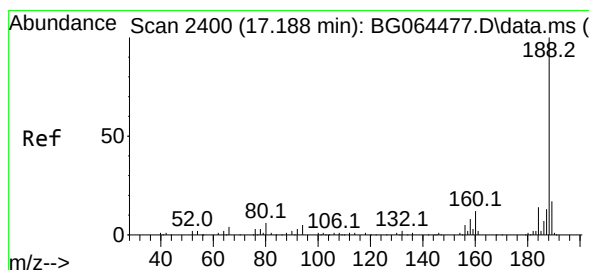
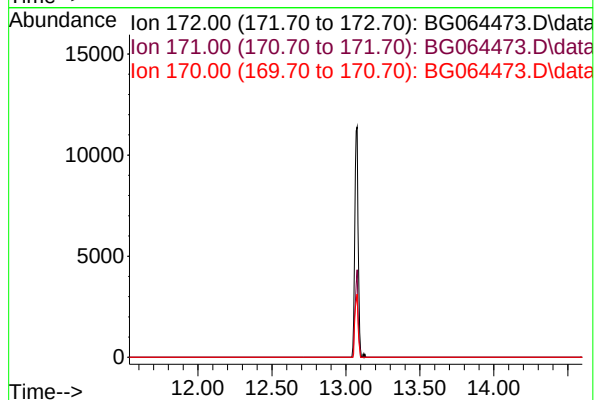




#45  
2-Fluorobiphenyl  
Concen: 0.000 ng  
Expected RT: 13.07 min  
Lab File: BG064473.D  
Acq: 2 Oct 2025 9:01

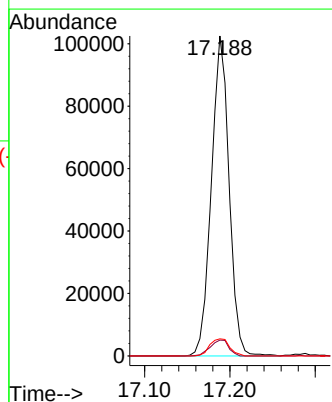
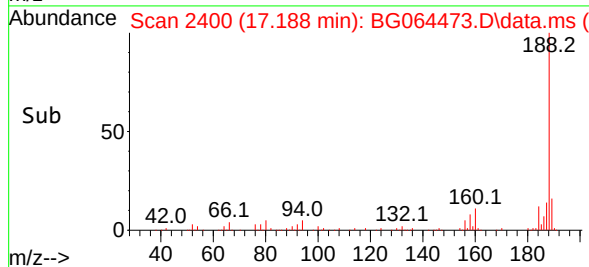
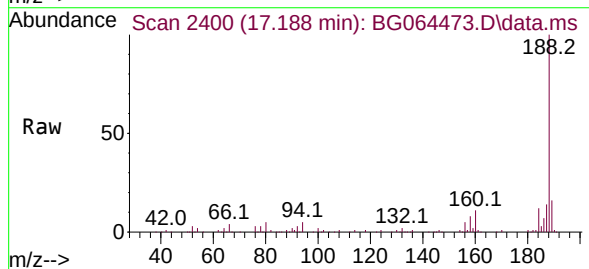
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

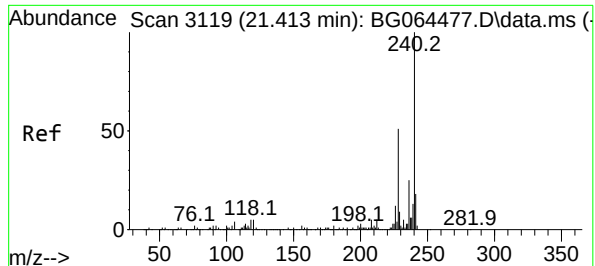
Tgt Ion: 172  
Sig Exp Ratio  
172 100  
171 37.0  
170 25.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.188 min Scan# 2400  
Delta R.T. 0.002 min  
Lab File: BG064473.D  
Acq: 2 Oct 2025 9:01

Tgt Ion: 188 Resp: 147655  
Ion Ratio Lower Upper  
188 100  
94 4.9 3.7 5.5  
80 5.3 4.5 6.7

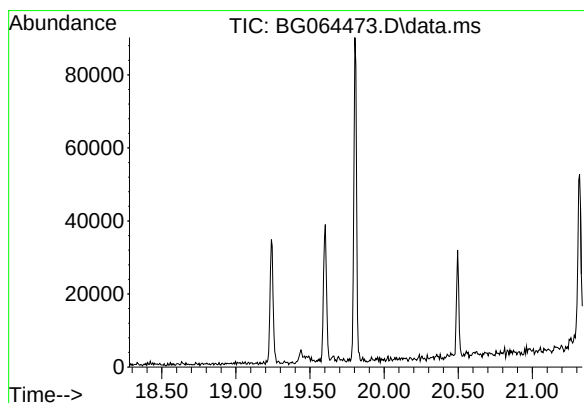
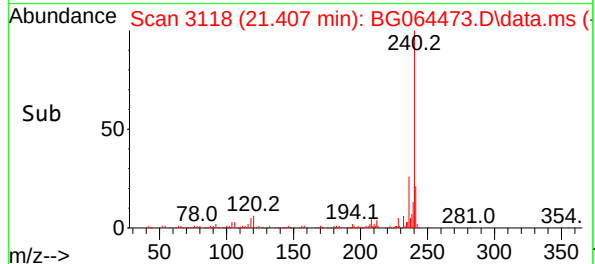
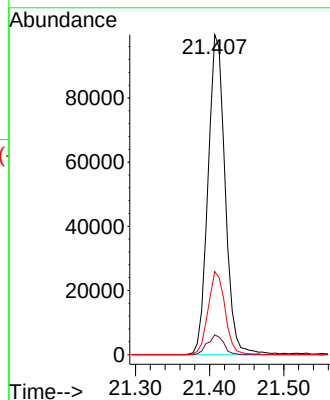
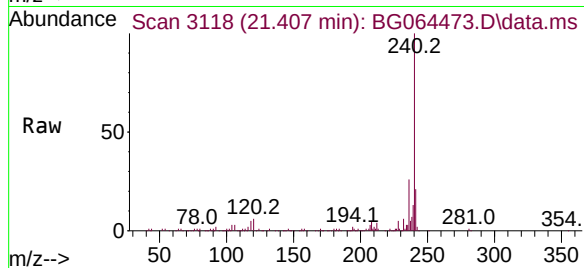




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.407 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG064473.D  
Acq: 2 Oct 2025 9:01

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

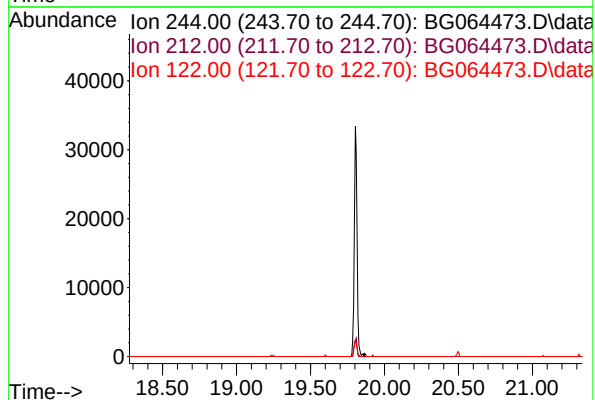
Tgt Ion:240 Resp: 159672  
Ion Ratio Lower Upper  
240 100  
120 6.2 4.3 6.5  
236 26.0 20.4 30.6



#79  
Terphenyl-d14  
Concen: 0.000 ng  
Expected RT: 19.81 min

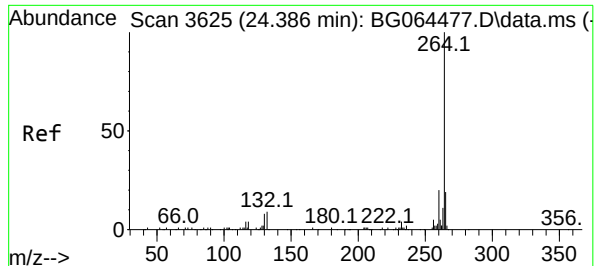
Lab File: BG064473.D  
Acq: 2 Oct 2025 9:01

Tgt Ion: 244  
Sig Exp Ratio  
244 100  
212 8.8  
122 7.0



Ion 212.00 (211.70 to 212.70): BG064473.D\data.ms

Ion 122.00 (121.70 to 122.70): BG064473.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.386 min Scan# 3625

Delta R.T. -0.004 min

Lab File: BG064473.D

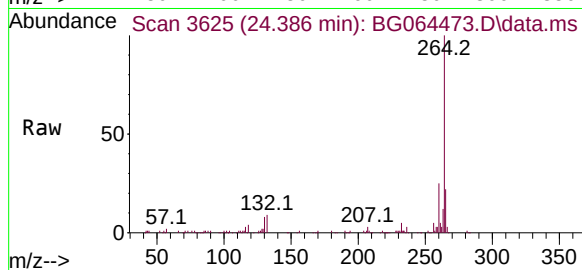
Acq: 2 Oct 2025 9:01

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5



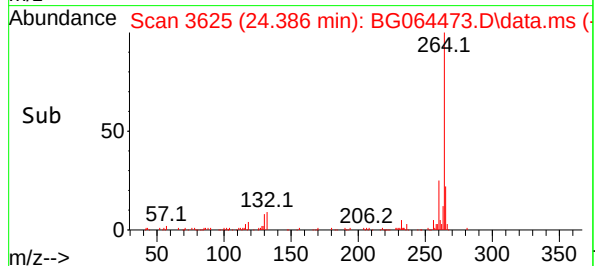
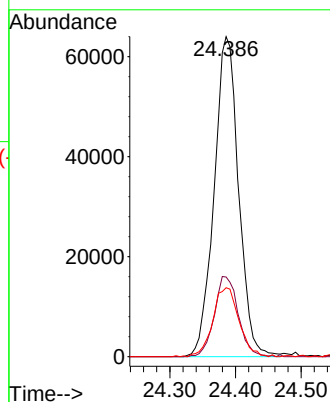
Tgt Ion:264 Resp: 165966

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 264 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |       |
|-----|------|------|-------|
| 260 | 24.9 | 16.2 | 24.4# |
|-----|------|------|-------|

|     |      |      |      |
|-----|------|------|------|
| 265 | 21.5 | 15.0 | 22.4 |
|-----|------|------|------|





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064474.D  
 Acq On : 2 Oct 2025 9:42  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC005

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:25 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.823  | 152  | 17301    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.608 | 136  | 74573    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.450 | 164  | 60732    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.188 | 188  | 155342   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.407 | 240  | 162684   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.380 | 264  | 169977   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.408  | 112  | 9220     | 9.863  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.994  | 99   | 12069    | 9.607  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.974  | 82   | 13416    | 9.673  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.937 | 330  | 11056    | 10.043 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.070 | 172  | 41153    | 9.988  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.803 | 244  | 86764    | 10.093 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 2293     | 6.201  | ng    | # 92     |
| 3) Pyridine                   | 3.716  | 79   | 5300     | 5.333  | ng    | 93       |
| 6) Aniline                    | 7.153  | 93   | 8273     | 5.221  | ng    | 90       |
| 8) 2-Chlorophenol             | 7.394  | 128  | 6000     | 5.227  | ng    | 85       |
| 10) Phenol                    | 7.024  | 94   | 6564     | 4.953  | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 7.241  | 93   | 4832     | 5.384  | ng    | 84       |
| 12) 1,3-Dichlorobenzene       | 7.717  | 146  | 6740     | 5.367  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.858  | 146  | 6514     | 5.169  | ng    | 90       |
| 14) 1,2-Dichlorobenzene       | 8.169  | 146  | 6846     | 5.512  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.340  | 45   | 7441     | 5.144  | ng    | 89       |
| 17) 2-Methylphenol            | 8.263  | 107  | 4780     | 4.981  | ng    | # 80     |
| 18) Hexachloroethane          | 8.904  | 117  | 2534     | 5.094  | ng    | 87       |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70   | 4362     | 5.192  | ng    | # 84     |
| 22) Acetophenone              | 8.634  | 105  | 8878     | 4.917  | ng    | # 94     |
| 24) Nitrobenzene              | 9.015  | 77   | 7504     | 5.426  | ng    | # 96     |
| 25) Isophorone                | 9.538  | 82   | 12523    | 4.984  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.726  | 139  | 3668     | 5.329  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.791  | 122  | 5155     | 4.903  | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 10.026 | 93   | 5971     | 4.662  | ng    | 93       |
| 29) 2,4-Dichlorophenol        | 10.261 | 162  | 6029     | 4.959  | ng    | # 82     |
| 30) 1,2,4-Trichlorobenzene    | 10.478 | 180  | 7136     | 5.383  | ng    | 90       |
| 31) Naphthalene               | 10.661 | 128  | 19808    | 5.158  | ng    | # 94     |
| 33) 4-Chloroaniline           | 10.772 | 127  | 7309     | 4.960  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.948 | 225  | 6170     | 5.435  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.894 | 107  | 7360     | 4.978  | ng    | # 82     |
| 37) 2-Methylnaphthalene       | 12.270 | 142  | 14601    | 4.953  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.488 | 142  | 15610    | 5.311  | ng    | 89       |
| 40) 1,2,4,5-Tetrachloroben... | 12.641 | 216  | 9451     | 4.820  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.882 | 196  | 5944     | 4.742  | ng    | 91       |
| 44) 2,4,5-Trichlorophenol     | 12.958 | 196  | 6843     | 4.890  | ng    | # 96     |
| 46) 1,1'-Biphenyl             | 13.287 | 154  | 21854    | 5.003  | ng    | 88       |
| 47) 2-Chloronaphthalene       | 13.322 | 162  | 15278    | 4.685  | ng    | 95       |
| 48) 2-Nitroaniline            | 13.528 | 65   | 4571     | 4.107  | ng    | # 93     |
| 49) Acenaphthylene            | 14.168 | 152  | 24156    | 4.990  | ng    | 95       |
| 50) Dimethylphthalate         | 13.904 | 163  | 23745    | 4.992  | ng    | # 96     |
| 51) 2,6-Dinitrotoluene        | 14.021 | 165  | 4429     | 4.470  | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064474.D  
 Acq On : 2 Oct 2025 9:42  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:25 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.515 | 154  | 16816    | 5.000 | ng    | 90       |
| 53) 3-Nitroaniline            | 14.356 | 138  | 4231     | 4.630 | ng    | 83       |
| 55) Dibenzofuran              | 14.850 | 168  | 27888    | 5.022 | ng #  | 94       |
| 57) 2,4-Dinitrotoluene        | 14.809 | 165  | 7310     | 4.826 | ng #  | 92       |
| 58) Fluorene                  | 15.496 | 166  | 23055    | 4.994 | ng #  | 92       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.073 | 232  | 6653     | 4.658 | ng #  | 96       |
| 60) Diethylphthalate          | 15.267 | 149  | 26525    | 5.198 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.496 | 204  | 13144    | 5.215 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.514 | 138  | 3481     | 3.655 | ng #  | 88       |
| 63) Azobenzene                | 15.778 | 77   | 20327    | 5.144 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.702 | 169  | 20960    | 5.053 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.383 | 248  | 9144     | 5.002 | ng    | 88       |
| 68) Hexachlorobenzene         | 16.501 | 284  | 9929     | 4.747 | ng    | 99       |
| 69) Atrazine                  | 16.654 | 200  | 9189     | 4.979 | ng    | 92       |
| 71) Phenanthrene              | 17.229 | 178  | 41639    | 5.126 | ng    | 97       |
| 72) Anthracene                | 17.323 | 178  | 40568m   | 4.978 | ng    |          |
| 73) Carbazole                 | 17.594 | 167  | 34305    | 4.870 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.152 | 149  | 42564    | 4.950 | ng    | 100      |
| 75) Fluoranthene              | 19.239 | 202  | 49301    | 5.080 | ng    | 98       |
| 78) Pyrene                    | 19.603 | 202  | 52677    | 4.989 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.496 | 149  | 17773    | 4.749 | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.389 | 228  | 52066    | 5.012 | ng    | 94       |
| 83) Chrysene                  | 21.454 | 228  | 49843    | 5.060 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.319 | 149  | 24616    | 4.662 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.723 | 276  | 58114    | 4.912 | ng #  | 89       |
| 88) Benzo(b)fluoranthene      | 23.440 | 252  | 45779m   | 4.734 | ng    |          |
| 89) Benzo(k)fluoranthene      | 23.510 | 252  | 48402    | 4.970 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.239 | 252  | 43216    | 4.849 | ng #  | 95       |
| 91) Dibenzo(a,h)anthracene    | 27.788 | 278  | 44497    | 4.703 | ng #  | 96       |
| 92) Benzo(g,h,i)perylene      | 28.769 | 276  | 45019    | 4.896 | ng #  | 93       |

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

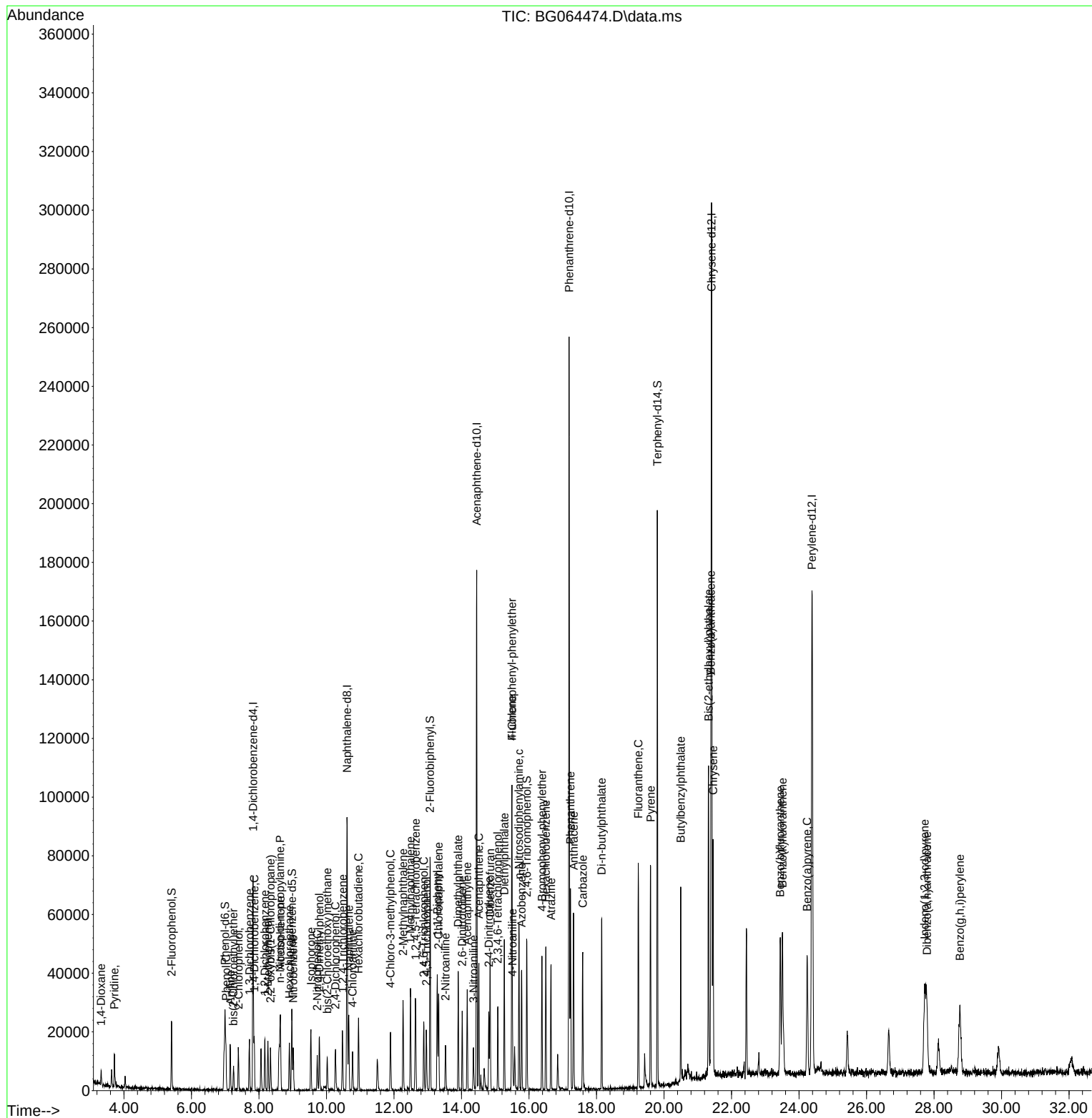
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Data File : BG064474.D  
Acq On    : 2 Oct 2025    9:42  
Operator  : RC/JU  
Sample    : SSTDICC005  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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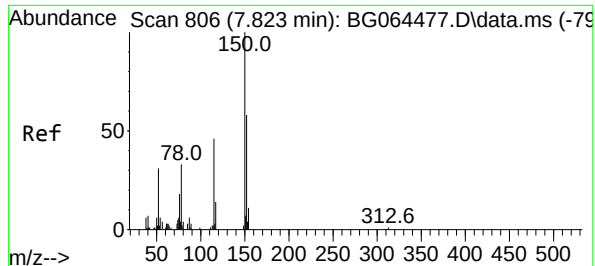
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC005

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

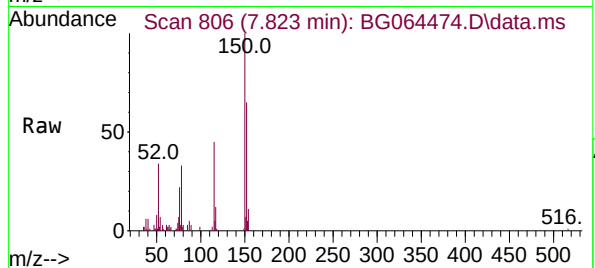
Quant Time: Oct 02 16:52:25 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.823 min Scan# 80  
Delta R.T. 0.003 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

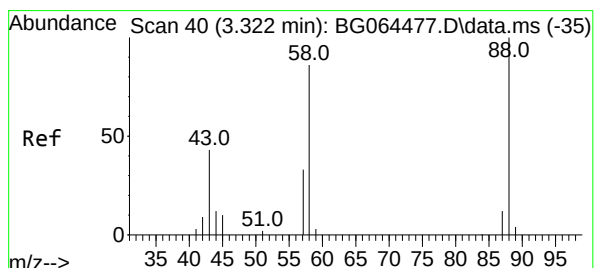
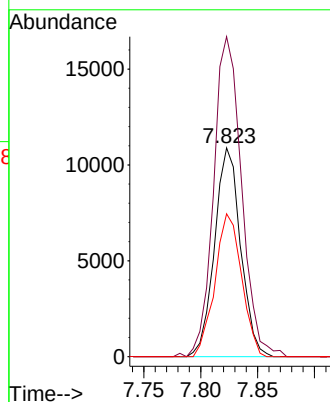
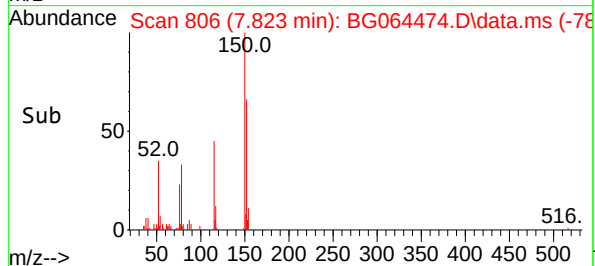
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:152 Resp: 1730  
Ion Ratio Lower Upper  
152 100  
150 153.3 138.6 207.8  
115 68.4 63.4 95.2

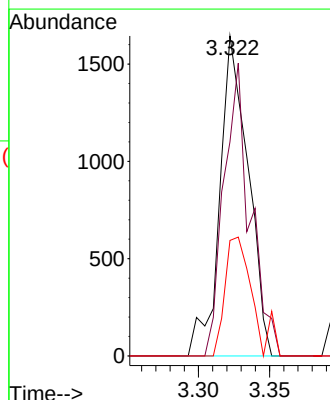
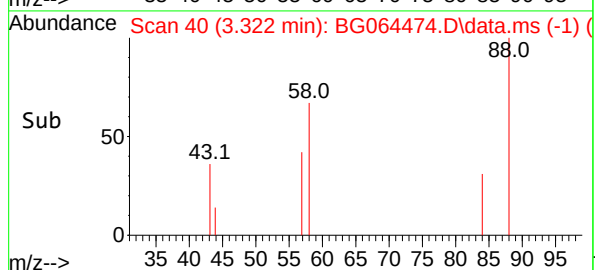
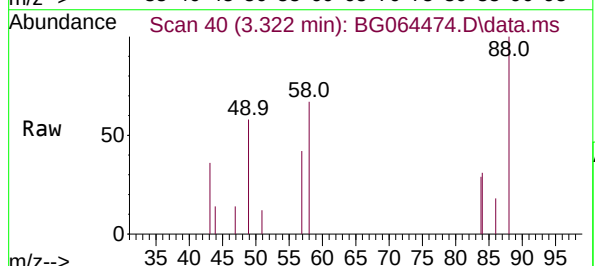
Manual Integrations  
APPROVED

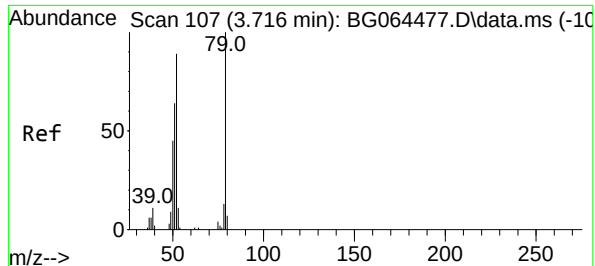
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#2  
1,4-Dioxane  
Concen: 6.201 ng  
RT: 3.322 min Scan# 40  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Tgt Ion: 88 Resp: 2293  
Ion Ratio Lower Upper  
88 100  
58 84.0 69.8 104.6  
43 35.8 37.4 56.0#





#3

Pyridine

Concen: 5.333 ng

RT: 3.716 min Scan# 107

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

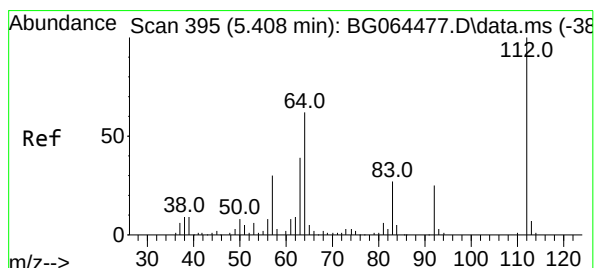
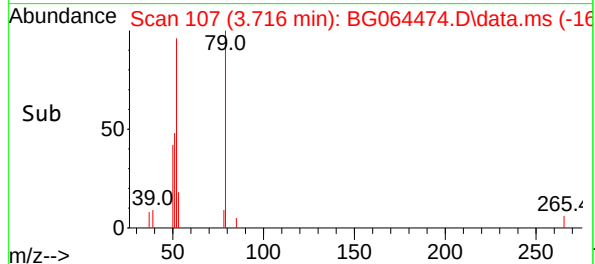
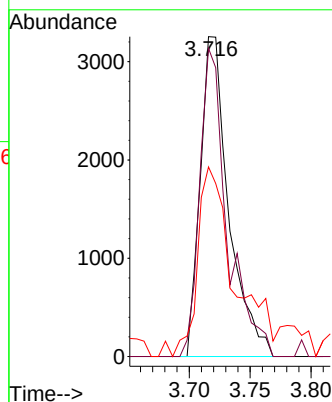
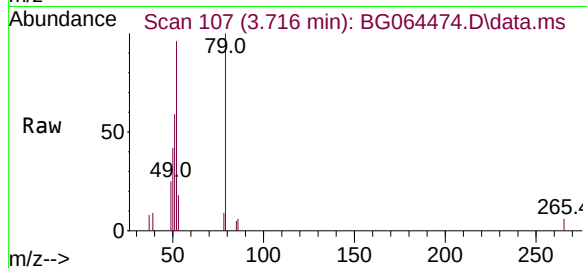
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 5300  |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 96.3  | 71.0  | 106.4 |
| 51       | 59.3  | 51.0  | 76.6  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#5

2-Fluorophenol

Concen: 9.863 ng

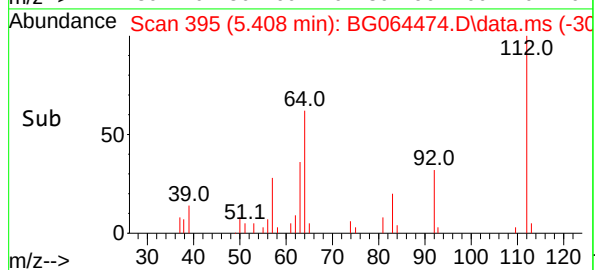
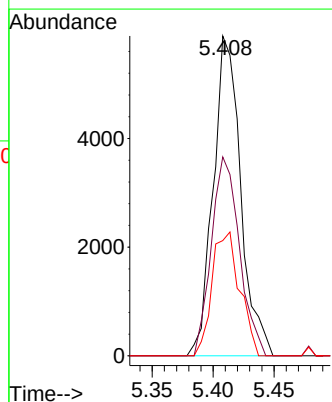
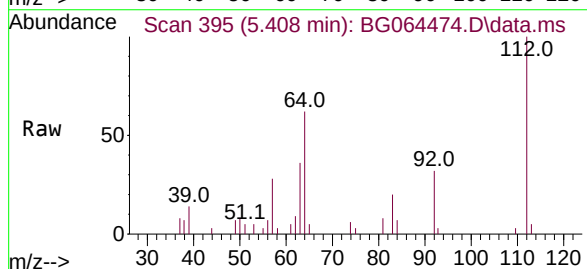
RT: 5.408 min Scan# 395

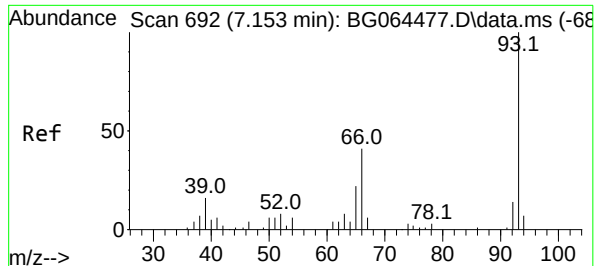
Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

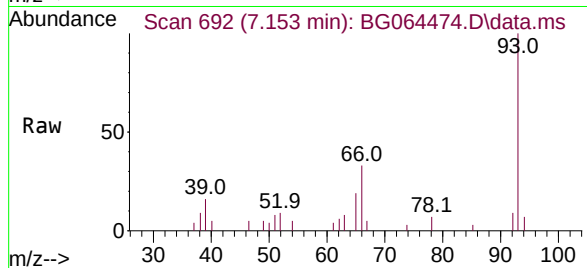
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 9220  |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 62.2  | 49.8  | 74.8  |
| 63       | 36.0  | 31.3  | 46.9  |





#6  
Aniline  
Concen: 5.221 ng  
RT: 7.153 min Scan# 692  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

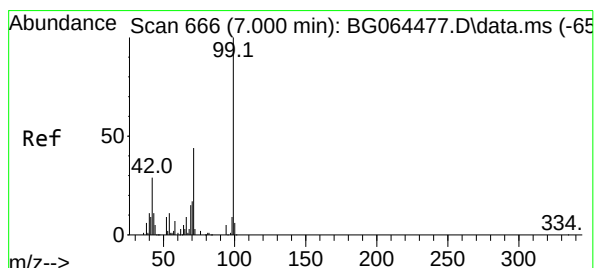
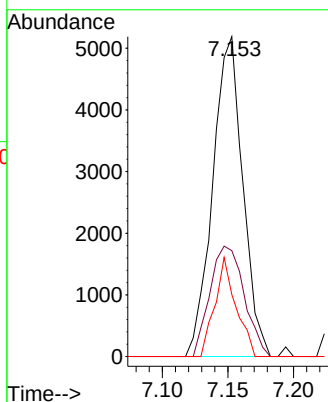
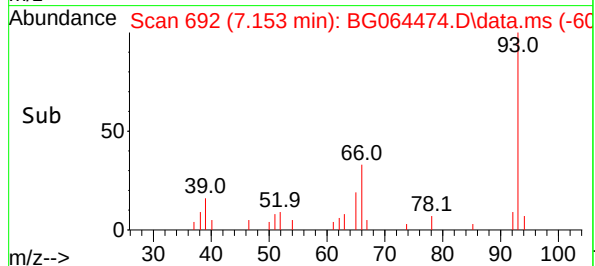
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



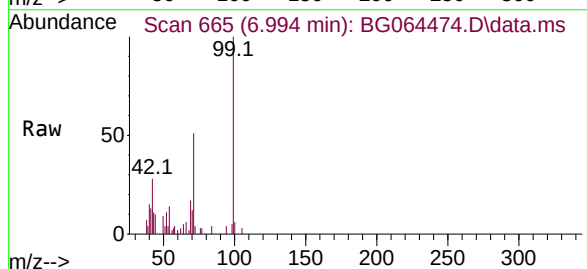
Tgt Ion: 93 Resp: 8273  
Ion Ratio Lower Upper  
93 100  
66 33.1 33.0 49.4  
65 19.4 17.5 26.3

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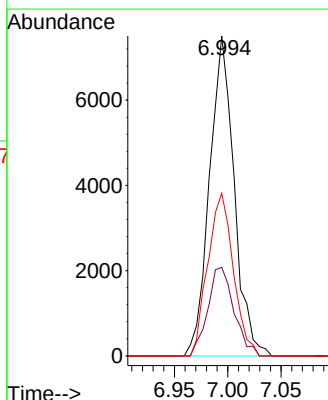
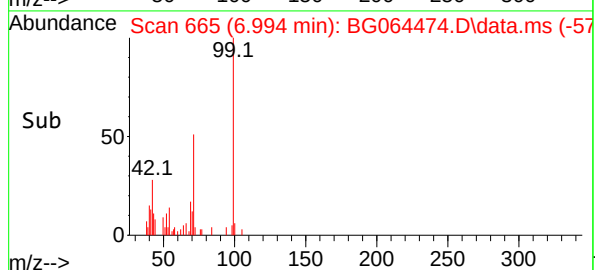
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

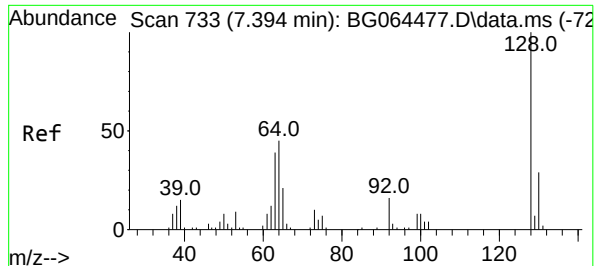


#7  
Phenol-d6  
Concen: 9.607 ng  
RT: 6.994 min Scan# 665  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



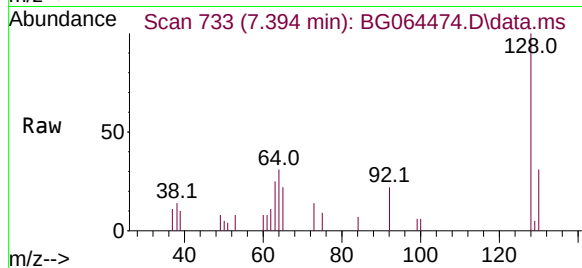
Tgt Ion: 99 Resp: 12069  
Ion Ratio Lower Upper  
99 100  
42 27.7 22.9 34.3  
71 50.8 35.4 53.2





#8  
2-Chlorophenol  
Concen: 5.227 ng  
RT: 7.394 min Scan# 733  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

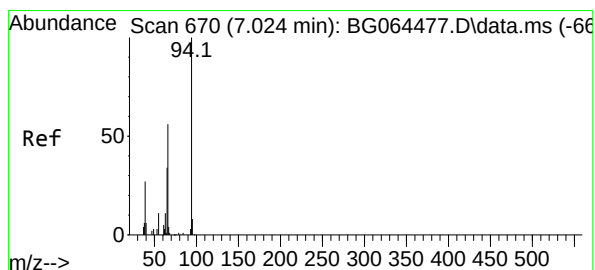
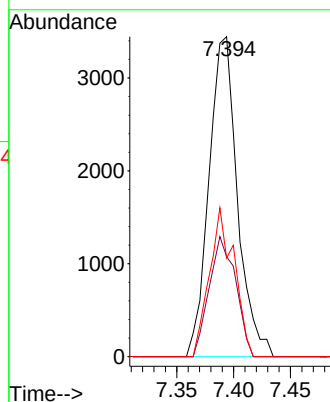
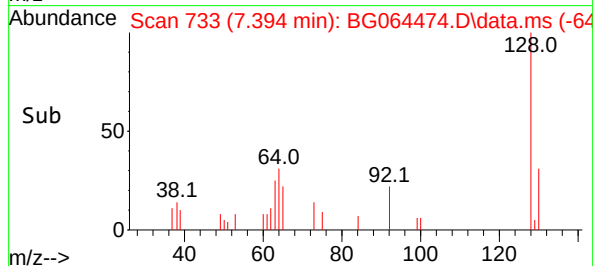
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:128 Resp: 6000  
Ion Ratio Lower Upper  
128 100  
130 31.3 9.2 49.2  
64 30.8 25.5 65.5

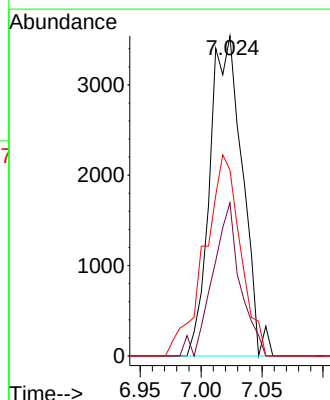
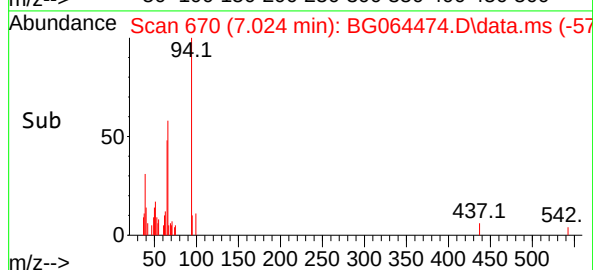
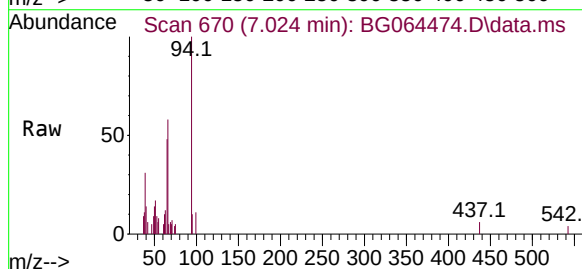
Manual Integrations  
APPROVED

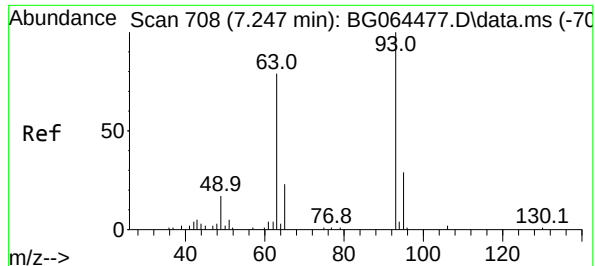
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#10  
Phenol  
Concen: 4.953 ng  
RT: 7.024 min Scan# 670  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

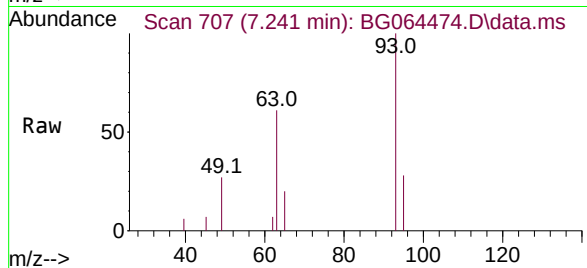
Tgt Ion: 94 Resp: 6564  
Ion Ratio Lower Upper  
94 100  
65 47.8 14.8 54.8  
66 58.1 41.4 81.4





#11  
bis(2-Chloroethyl)ether  
Concen: 5.384 ng  
RT: 7.241 min Scan# 708  
Delta R.T. -0.004 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

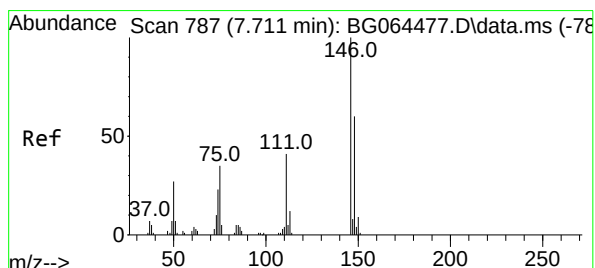
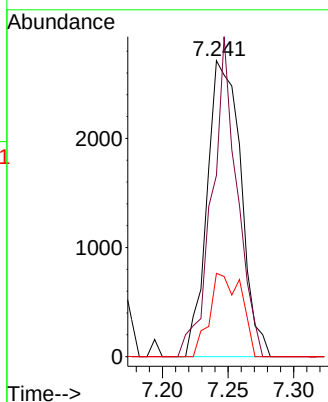
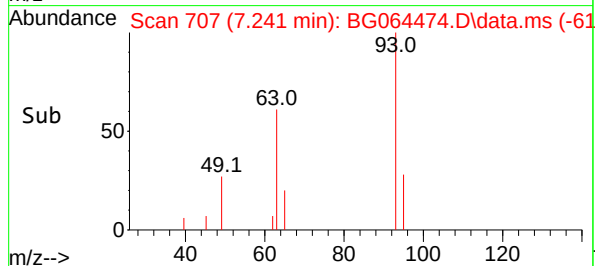
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 93 Resp: 4832  
Ion Ratio Lower Upper  
93 100  
63 61.2 59.5 99.5  
95 28.2 8.8 48.8

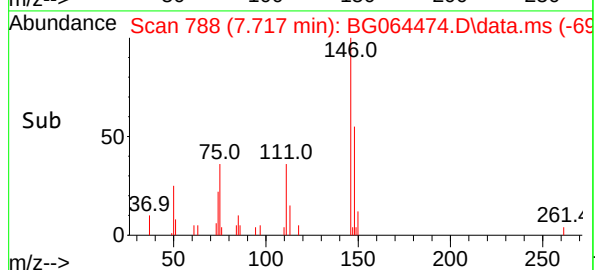
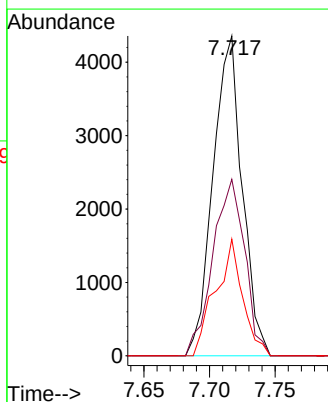
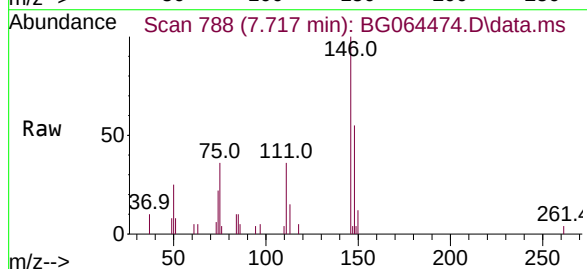
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

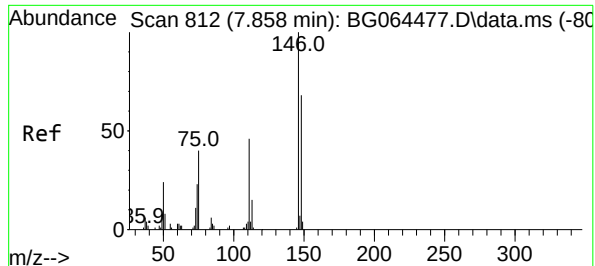


#12  
1,3-Dichlorobenzene  
Concen: 5.367 ng  
RT: 7.717 min Scan# 788  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Tgt Ion:146 Resp: 6740  
Ion Ratio Lower Upper  
146 100  
148 55.2 48.4 72.6  
75 36.5 28.3 42.5







#13

1,4-Dichlorobenzene

Concen: 5.169 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

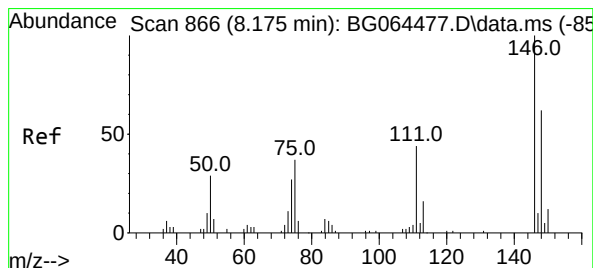
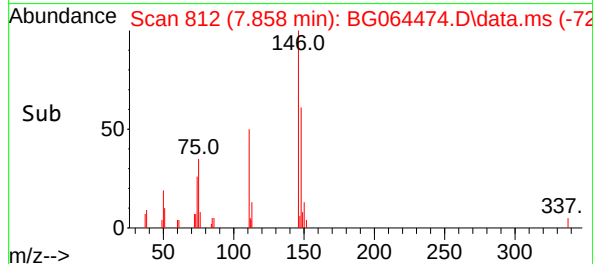
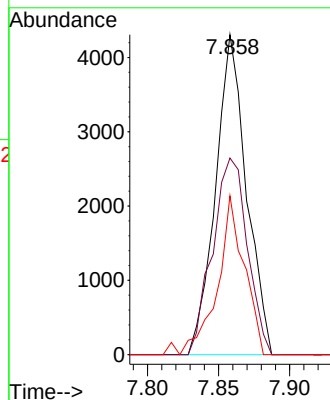
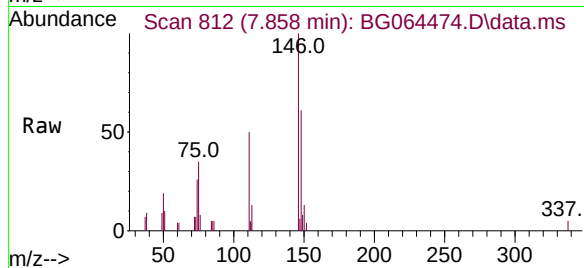
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 6514  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 61.4  | 54.4  | 81.6  |
| 111      | 54.2  | 36.5  | 54.7  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 5.512 ng

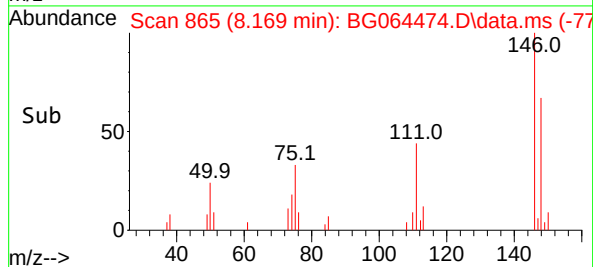
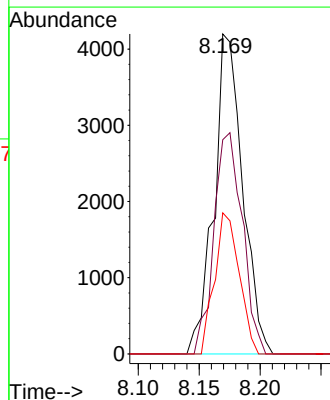
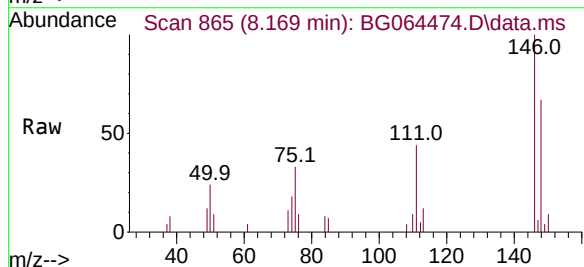
RT: 8.169 min Scan# 865

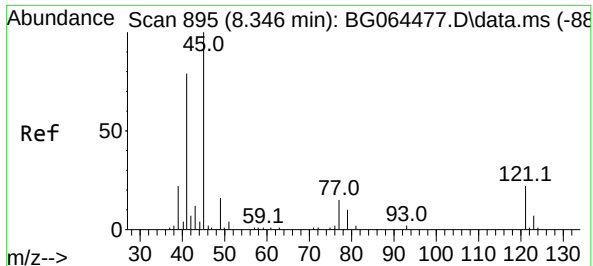
Delta R.T. -0.004 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

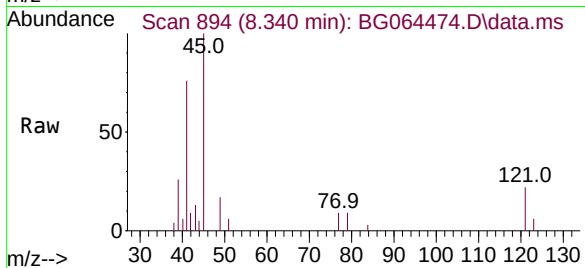
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 6846  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 66.9  | 50.0  | 75.0  |
| 111      | 44.1  | 35.0  | 52.4  |





#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.144 ng  
RT: 8.340 min Scan# 895  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

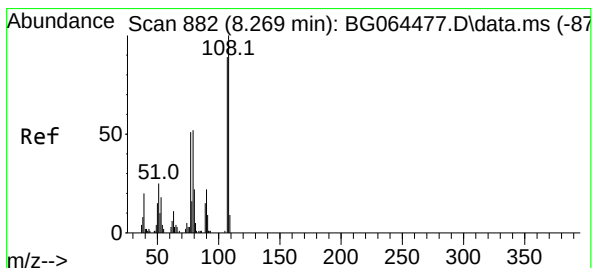
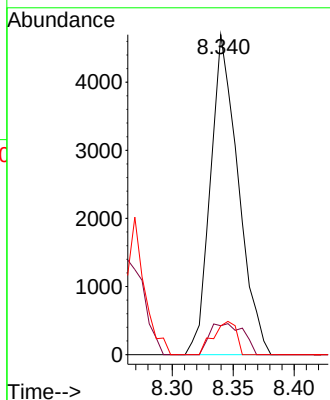
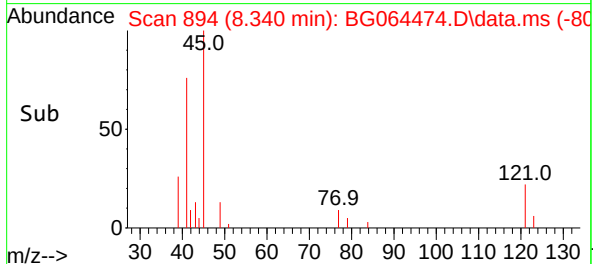
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 45 Resp: 744  
Ion Ratio Lower Upper  
45 100  
77 9.0 0.0 35.6  
79 9.0 0.0 30.7

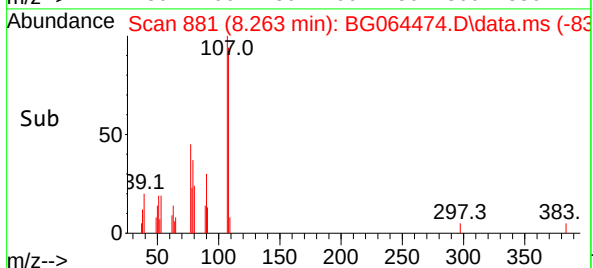
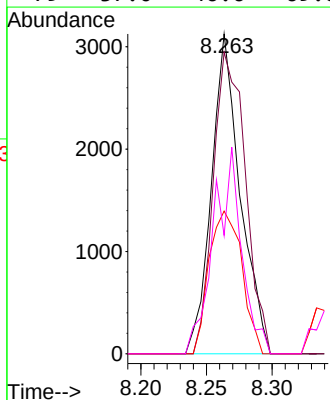
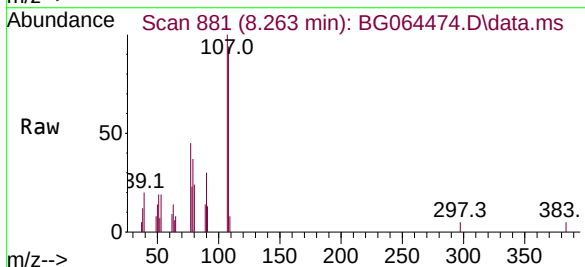
Manual Integrations  
APPROVED

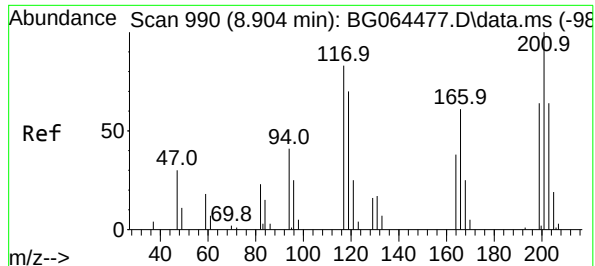
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#17  
2-Methylphenol  
Concen: 4.981 ng  
RT: 8.263 min Scan# 881  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

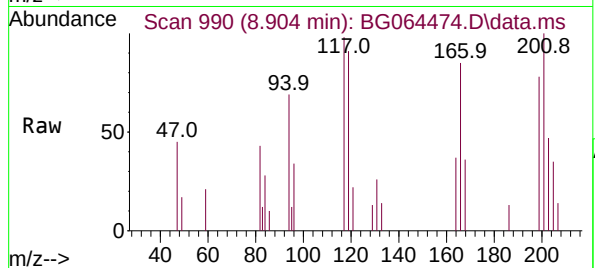
Tgt Ion:107 Resp: 4780  
Ion Ratio Lower Upper  
107 100  
108 94.3 90.3 135.5  
77 44.6 46.0 69.0#  
79 37.0 46.6 69.8#





#18  
Hexachloroethane  
Concen: 5.094 ng  
RT: 8.904 min Scan# 990  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

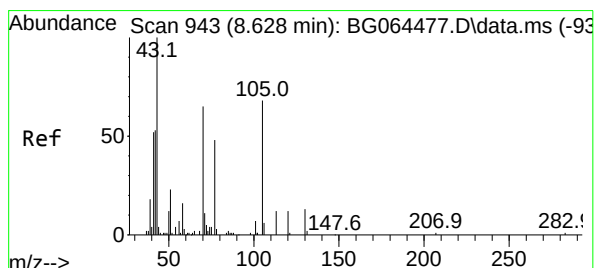
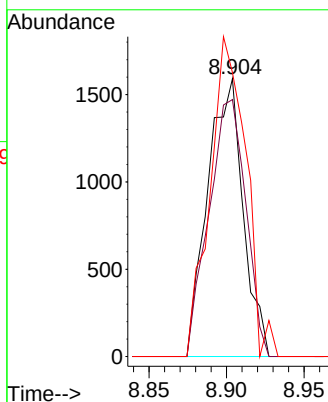
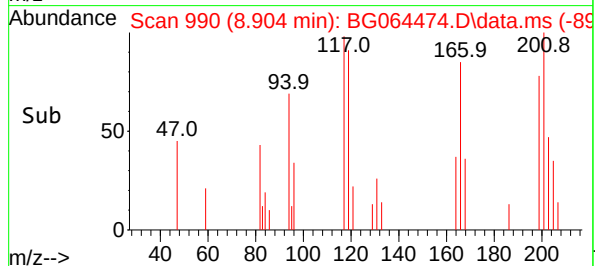
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 117 Resp: 2534  
Ion Ratio Lower Upper  
117 100  
119 92.5 67.4 101.0  
201 102.2 95.9 143.9

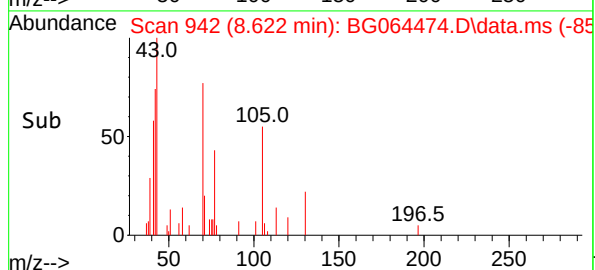
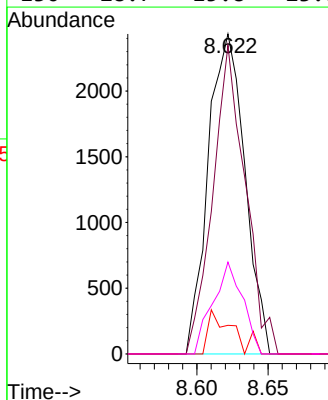
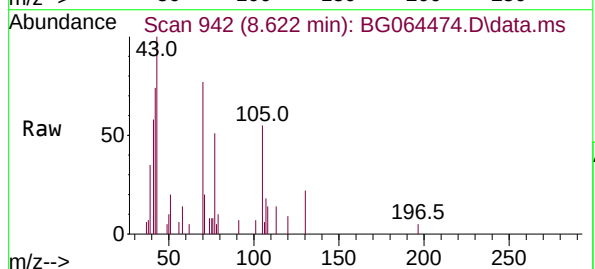
Manual Integrations  
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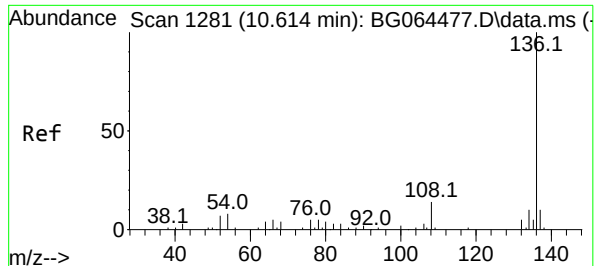
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#19  
n-Nitroso-di-n-propylamine  
Concen: 5.192 ng  
RT: 8.622 min Scan# 942  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Tgt Ion: 70 Resp: 4362  
Ion Ratio Lower Upper  
70 100  
42 96.4 64.9 97.3  
101 8.9 8.7 13.1  
130 28.7 15.8 23.8#





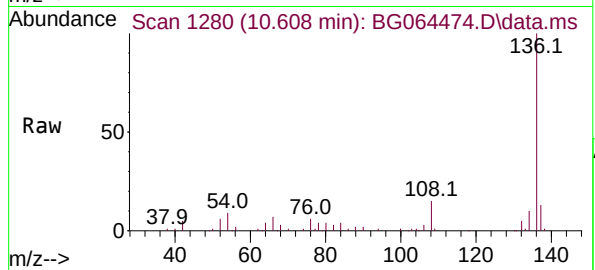
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.608 min Scan# 1280  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

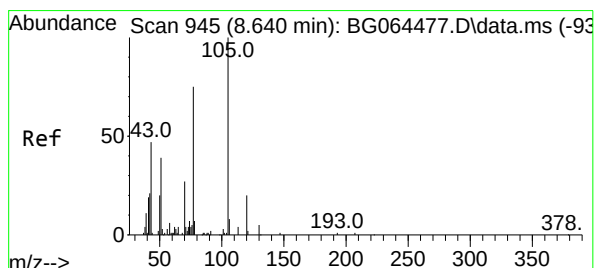
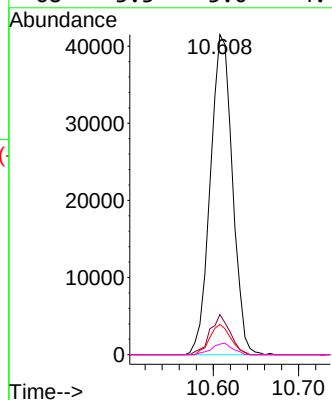
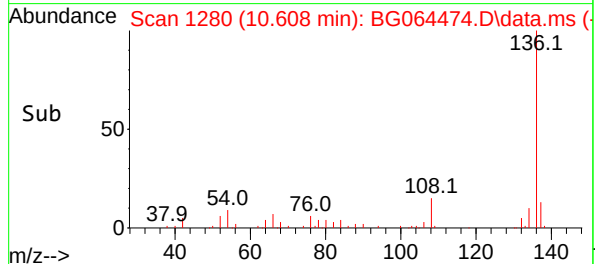


Tgt Ion:136 Resp: 74573  
Ion Ratio Lower Upper  
136 100  
137 12.5 8.3 12.5  
54 9.4 6.2 9.4  
68 3.3 3.0 4.4

Manual Integrations

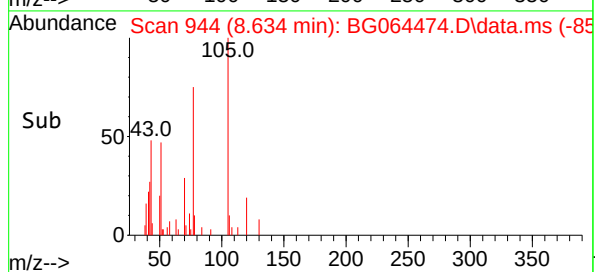
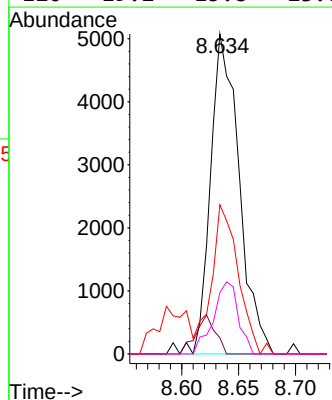
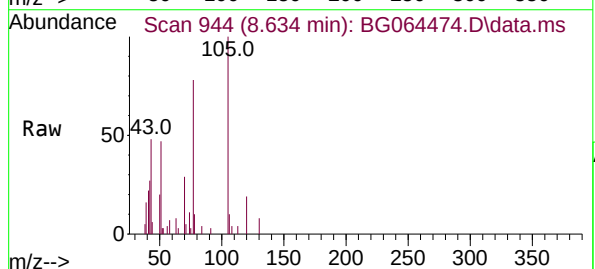
APPROVED

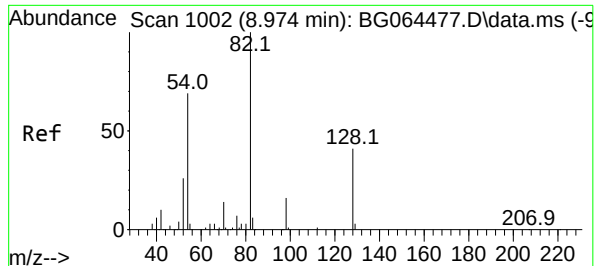
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#22  
Acetophenone  
Concen: 4.917 ng  
RT: 8.634 min Scan# 944  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Tgt Ion:105 Resp: 8878  
Ion Ratio Lower Upper  
105 100  
71 5.1 2.8 4.2  
51 46.6 33.0 49.4  
120 19.2 15.8 23.6





#23

Nitrobenzene-d5

Concen: 9.673 ng

RT: 8.974 min Scan# 1002

Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 13416

Ion Ratio Lower Upper

82 100

128 41.1 33.1 49.7

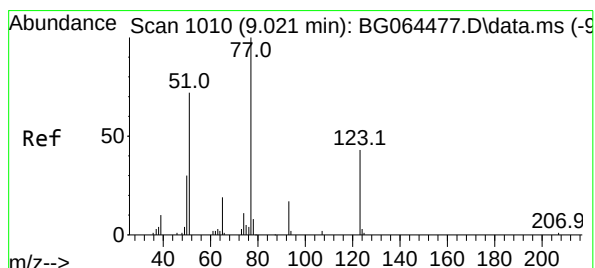
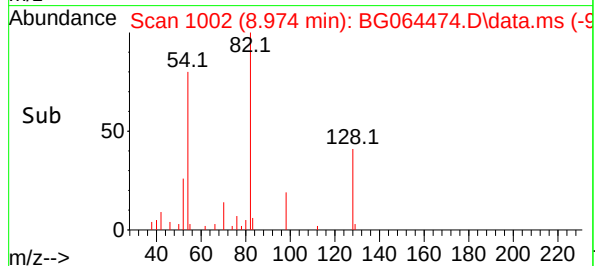
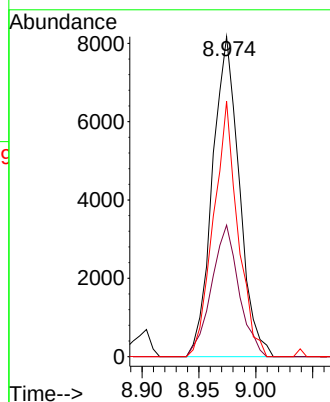
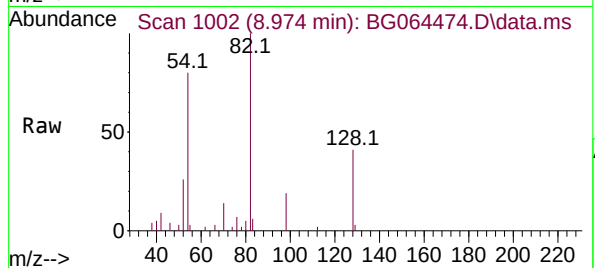
54 79.8 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 5.426 ng

RT: 9.015 min Scan# 1009

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

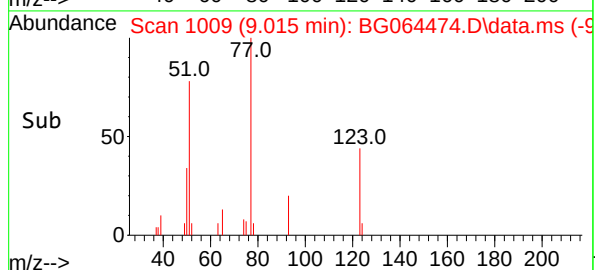
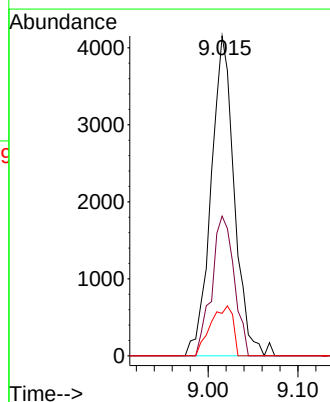
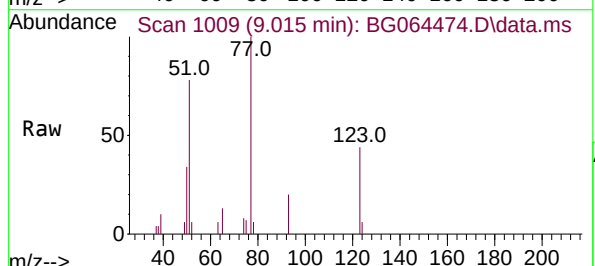
Tgt Ion: 77 Resp: 7504

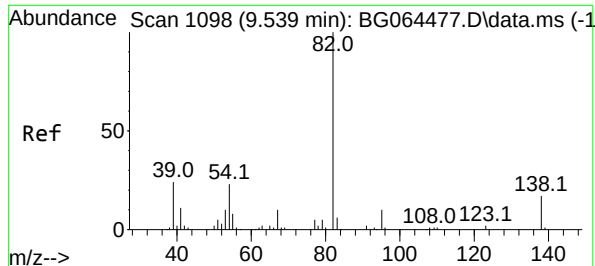
Ion Ratio Lower Upper

77 100

123 43.7 34.4 51.6

65 13.3 14.8 22.2#





#25

Isophorone

Concen: 4.984 ng

RT: 9.538 min Scan# 1098

Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

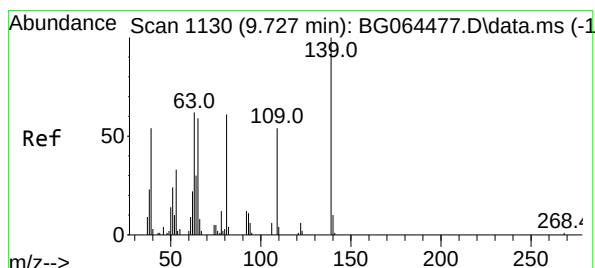
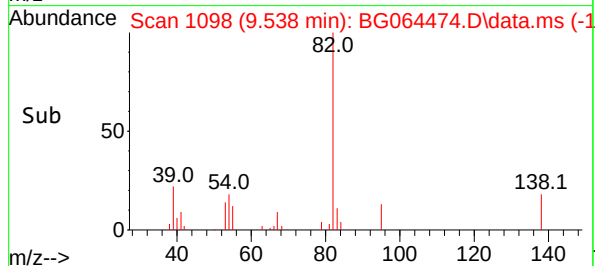
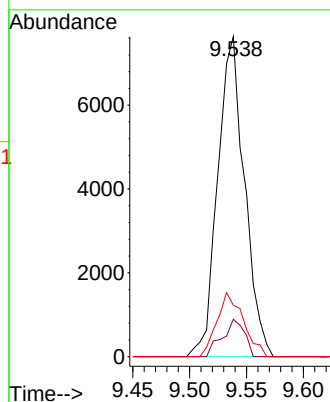
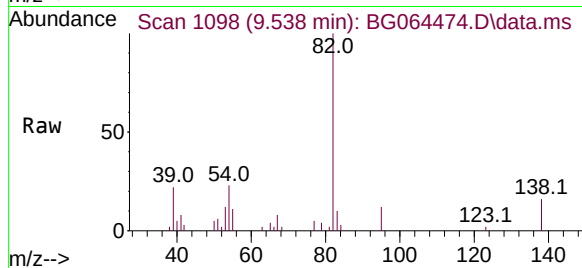
SSTDICC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 12523 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 95       | 11.7  | 7.8   | 11.8  |
| 138      | 16.1  | 13.8  | 20.6  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 5.329 ng

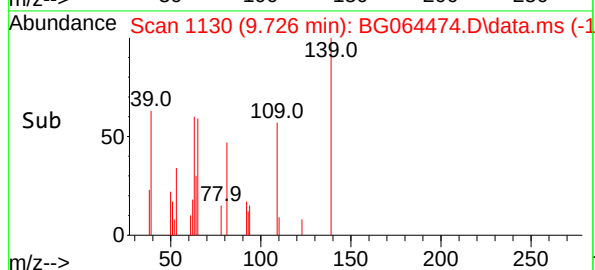
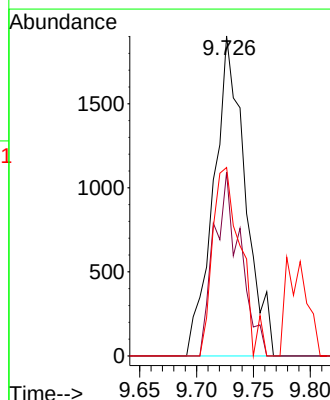
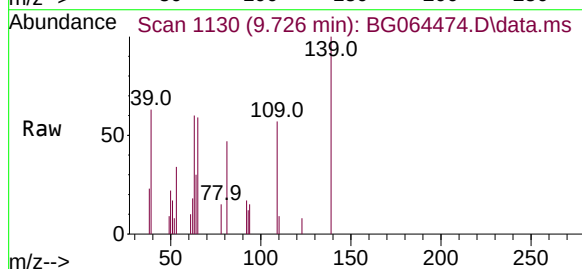
RT: 9.726 min Scan# 1130

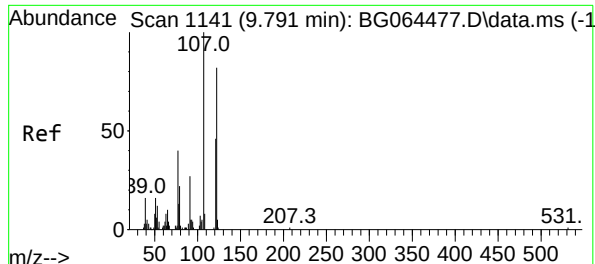
Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 3668  |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 57.4  | 43.0  | 64.6  |
| 65       | 58.9  | 47.4  | 71.2  |





#27

2,4-Dimethylphenol

Concen: 4.903 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.008 min

Lab File: BG064474.D

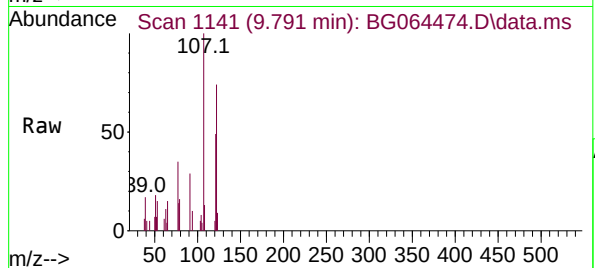
Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005



Tgt Ion:122 Resp: 515

Ion Ratio Lower Upper

122 100

107 135.4 98.3 147.5

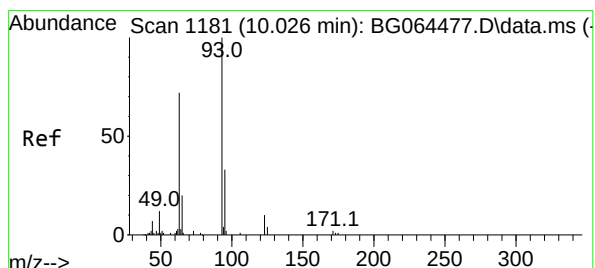
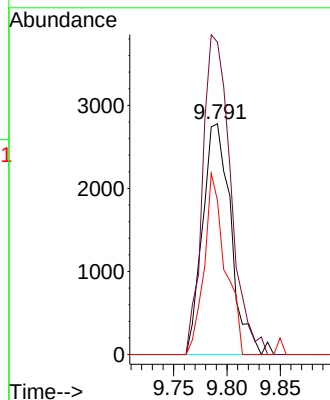
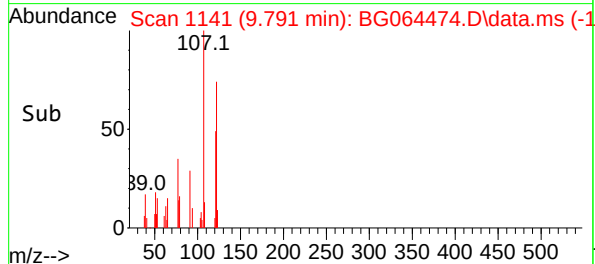
121 66.7 44.7 67.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

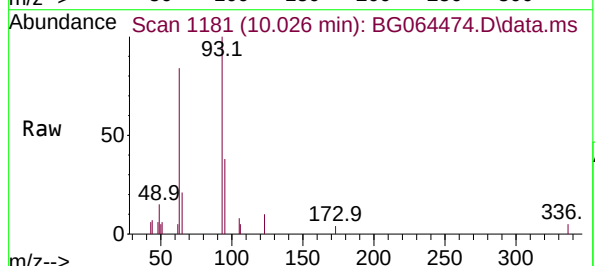
Concen: 4.662 ng

RT: 10.026 min Scan# 1181

Delta R.T. 0.008 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42



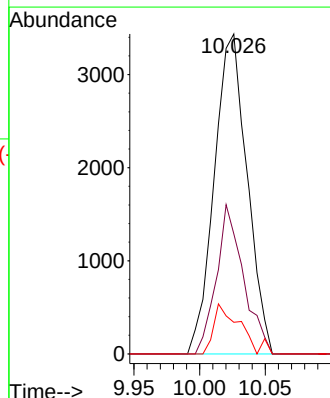
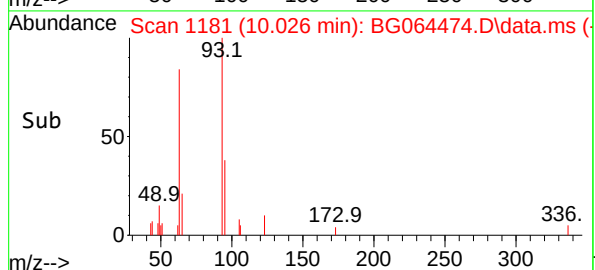
Tgt Ion: 93 Resp: 5971

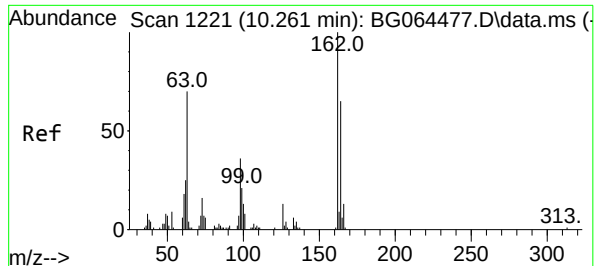
Ion Ratio Lower Upper

93 100

95 37.5 26.5 39.7

123 9.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 4.959 ng

RT: 10.261 min Scan# 1221

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

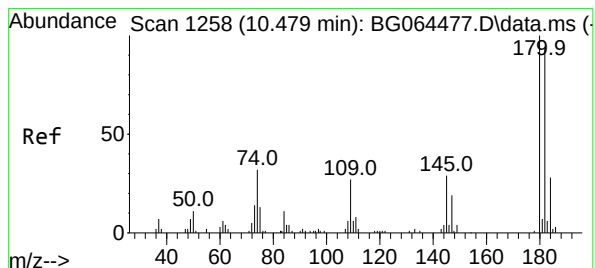
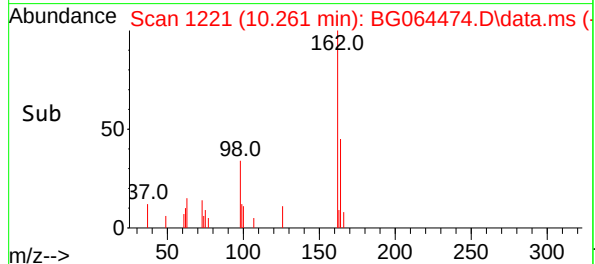
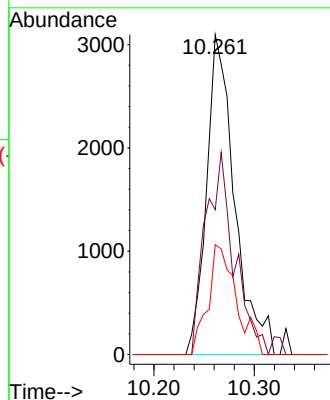
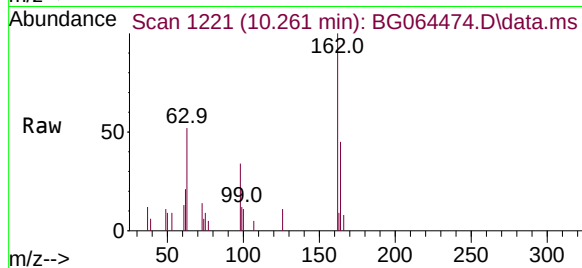
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 162   | Resp: | 6029 |
| Ion Ratio | Lower | Upper |      |
| 162       | 100   |       |      |
| 164       | 45.3  | 45.4  | 85.4 |
| 98        | 34.3  | 16.4  | 56.4 |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.383 ng

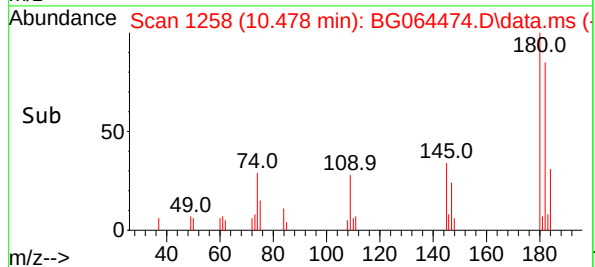
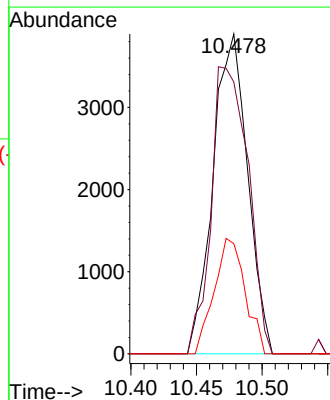
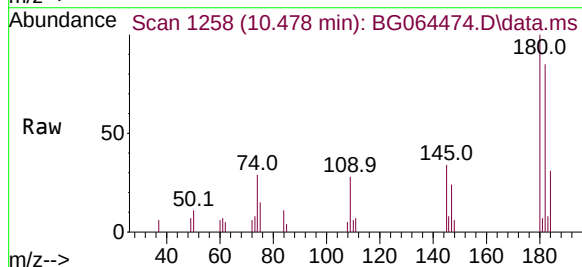
RT: 10.478 min Scan# 1258

Delta R.T. 0.008 min

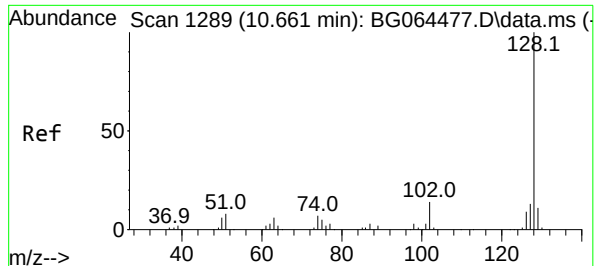
Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 7136  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 85.0  | 75.4  | 113.2 |
| 145       | 34.5  | 23.2  | 34.8  |

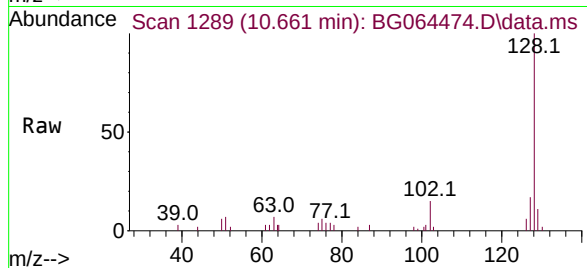






#31  
Naphthalene  
Concen: 5.158 ng  
RT: 10.661 min Scan# 1289  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

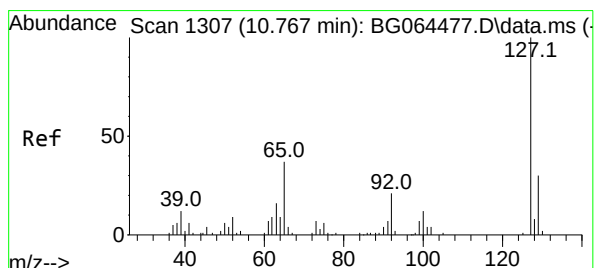
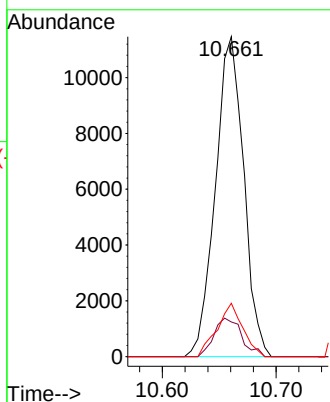
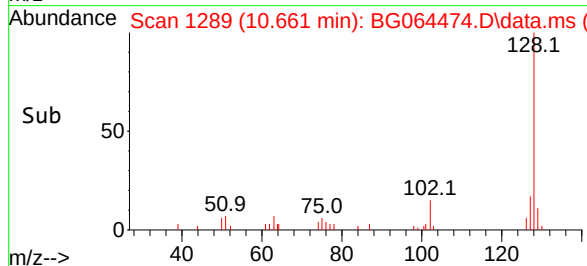
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:128 Resp: 19808  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.7 13.1  
127 16.7 10.2 15.2

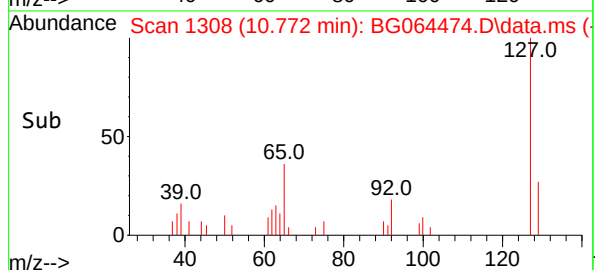
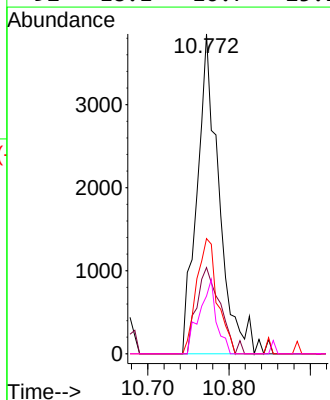
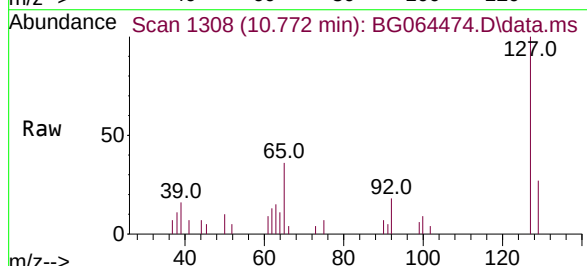
Manual Integrations  
APPROVED

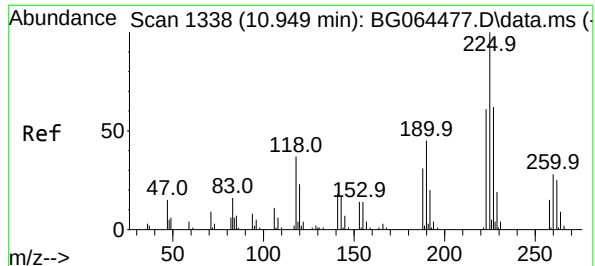
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#33  
4-Chloroaniline  
Concen: 4.960 ng  
RT: 10.772 min Scan# 1308  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Tgt Ion:127 Resp: 7309  
Ion Ratio Lower Upper  
127 100  
129 26.9 24.2 36.4  
65 36.0 29.6 44.4  
92 18.1 16.7 25.1





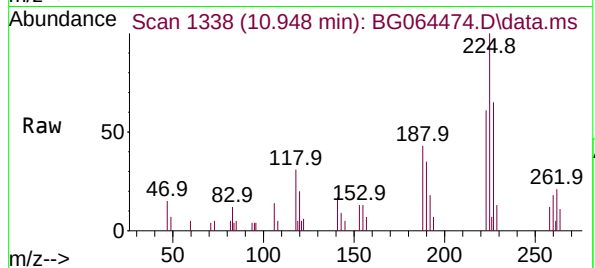
#34  
Hexachlorobutadiene  
Concen: 5.435 ng  
RT: 10.948 min Scan# 1338  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

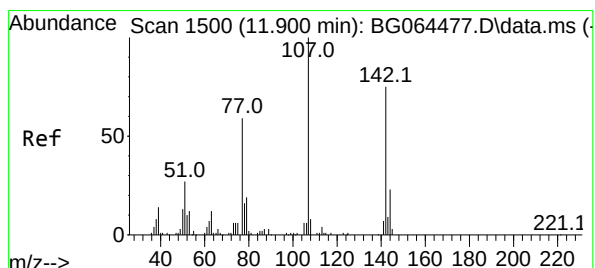
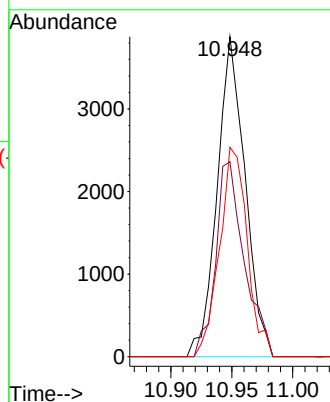
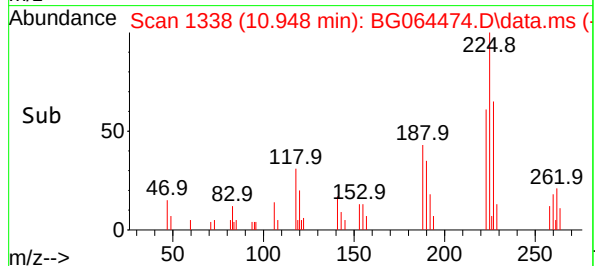


Tgt Ion:225 Resp: 6170  
Ion Ratio Lower Upper  
225 100  
223 60.9 49.0 73.6  
227 65.4 49.9 74.9

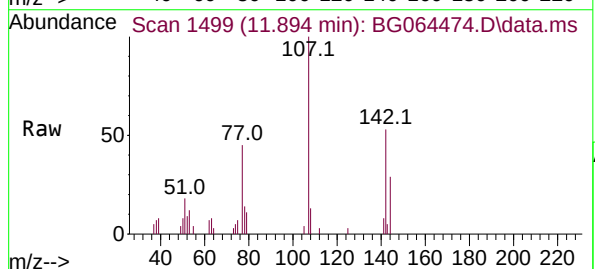
Manual Integrations

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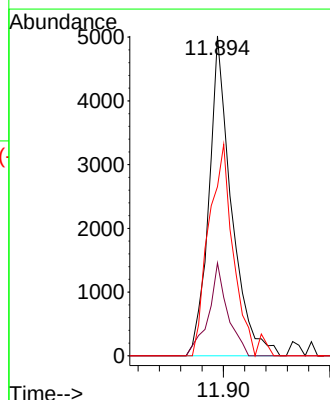
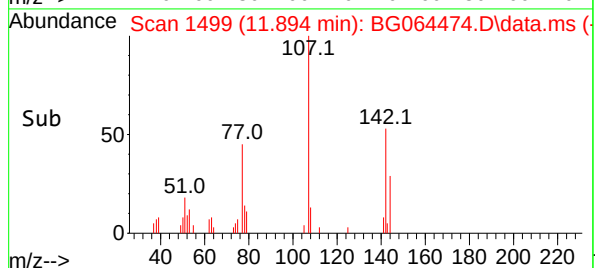
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

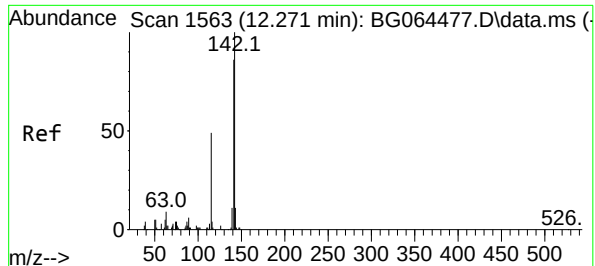


#36  
4-Chloro-3-methylphenol  
Concen: 4.978 ng  
RT: 11.894 min Scan# 1499  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



Tgt Ion:107 Resp: 7360  
Ion Ratio Lower Upper  
107 100  
144 29.0 18.7 28.1#  
142 58.3 60.2 90.2#





#37  
2-Methylnaphthalene  
Concen: 4.953 ng  
RT: 12.270 min Scan# 1563  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

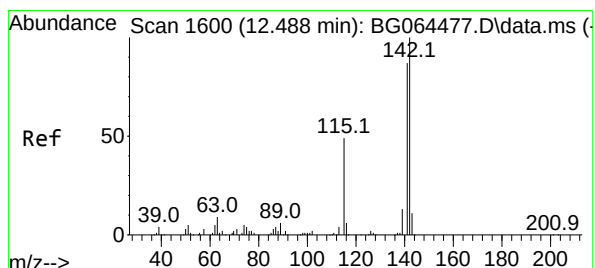
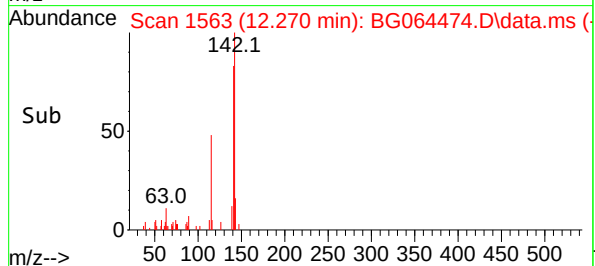
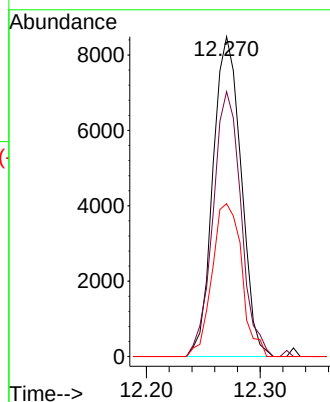
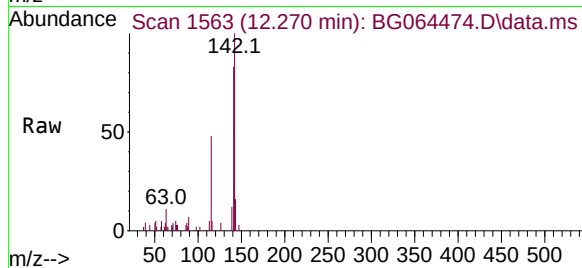
SSTDICC005

Tgt Ion:142 Resp: 1460  
Ion Ratio Lower Upper  
142 100  
141 82.8 68.7 103.1  
115 47.8 39.3 58.9

Manual Integrations

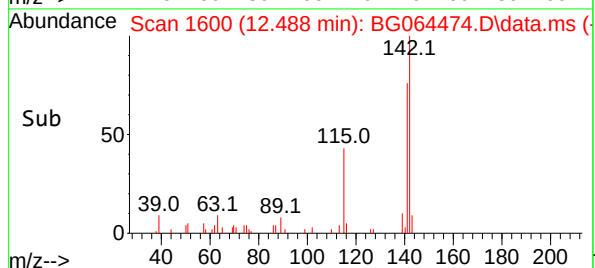
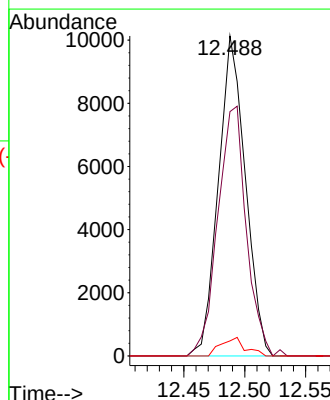
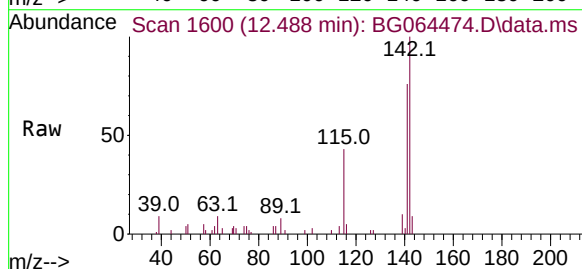
APPROVED

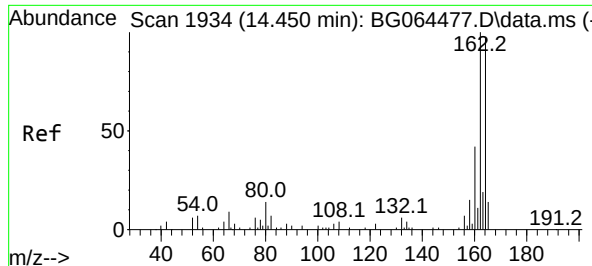
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#38  
1-Methylnaphthalene  
Concen: 5.311 ng  
RT: 12.488 min Scan# 1600  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Tgt Ion:142 Resp: 15610  
Ion Ratio Lower Upper  
142 100  
141 76.4 69.8 104.8  
116 4.7 4.6 6.8





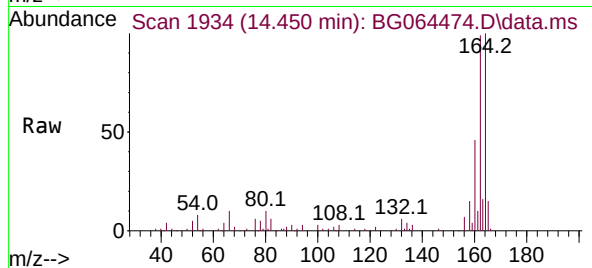
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.450 min Scan# 1934  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

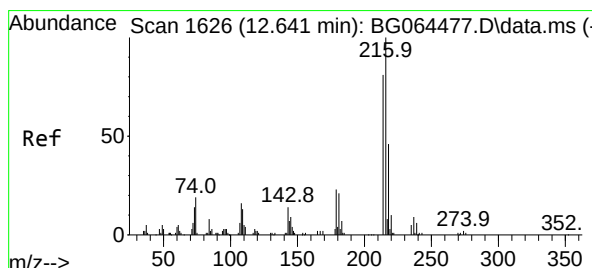
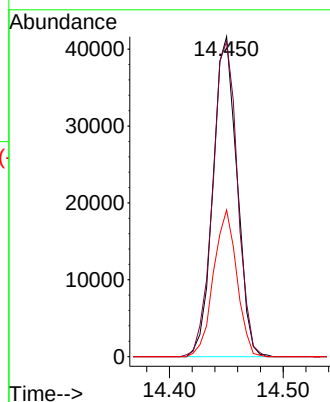
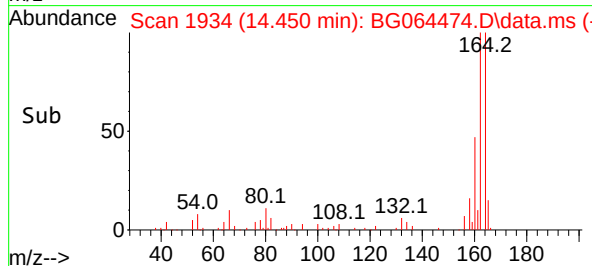


Tgt Ion:164 Resp: 60732  
Ion Ratio Lower Upper  
164 100  
162 98.5 82.2 123.2  
160 45.8 34.3 51.5

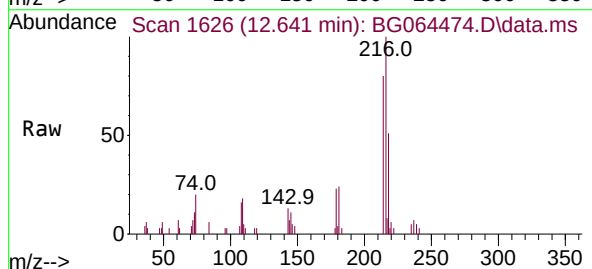
Manual Integrations

APPROVED

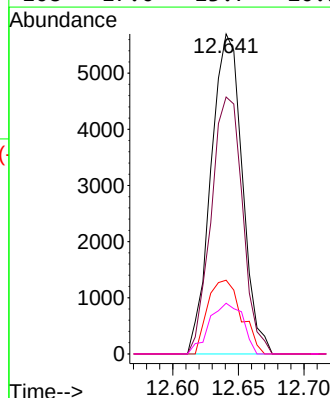
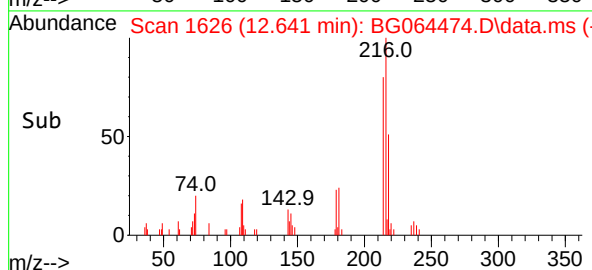
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

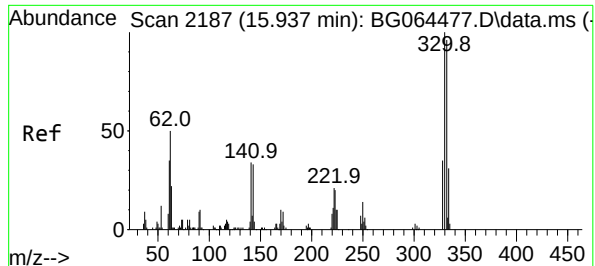


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.820 ng  
RT: 12.641 min Scan# 1626  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



Tgt Ion:216 Resp: 9451  
Ion Ratio Lower Upper  
216 100  
214 80.6 62.5 93.7  
179 24.8 17.0 25.6  
108 17.0 13.7 20.5





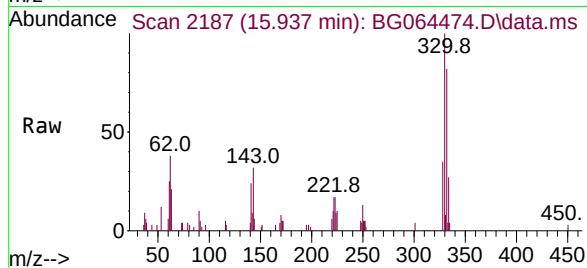
#42  
2,4,6-Tribromophenol  
Concen: 10.043 ng  
RT: 15.937 min Scan# 2187  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

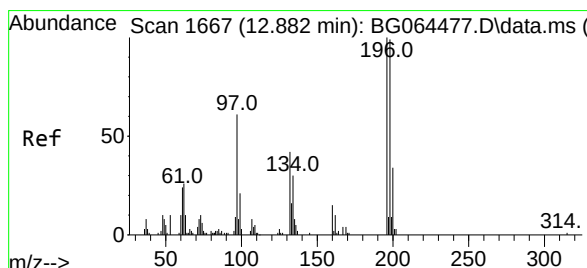
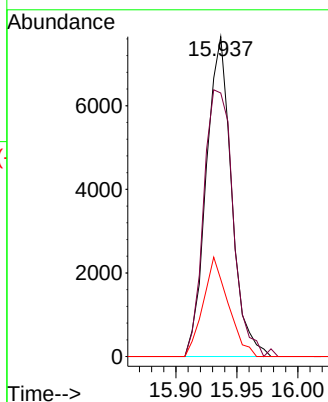
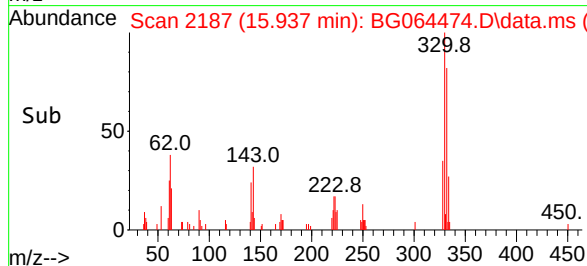


Tgt Ion:330 Resp: 11056  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.4 116.0  
141 30.8 25.8 38.6

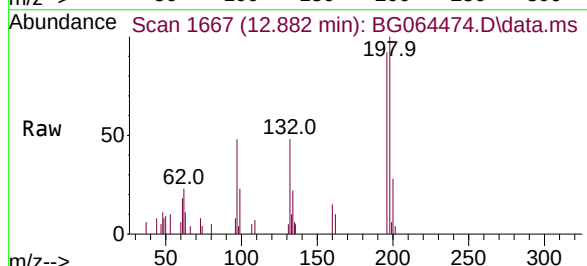
Manual Integrations

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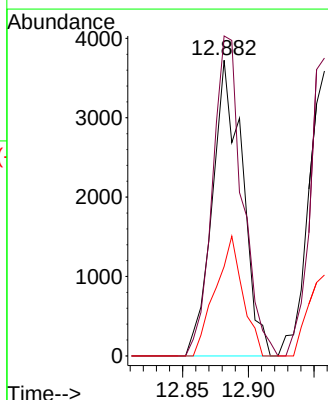
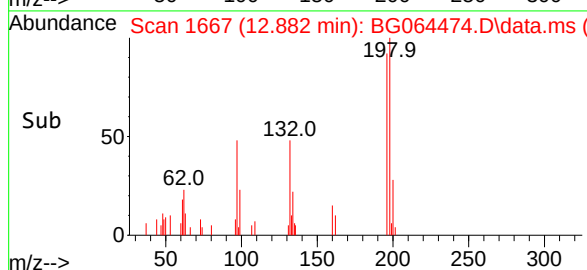
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

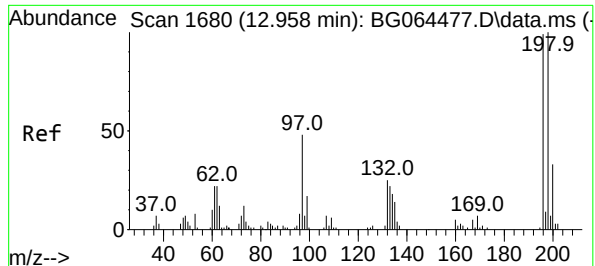


#43  
2,4,6-Trichlorophenol  
Concen: 4.742 ng  
RT: 12.882 min Scan# 1667  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



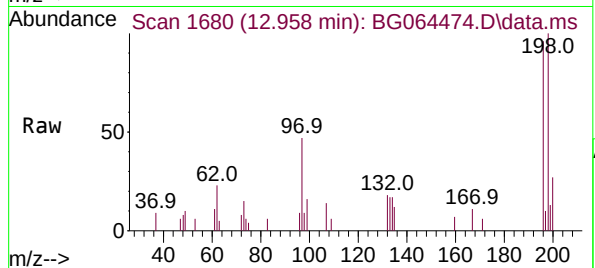
Tgt Ion:196 Resp: 5944  
Ion Ratio Lower Upper  
196 100  
198 108.3 79.3 118.9  
200 30.2 27.4 41.2





#44  
2,4,5-Trichlorophenol  
Concen: 4.890 ng  
RT: 12.958 min Scan# 1699  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

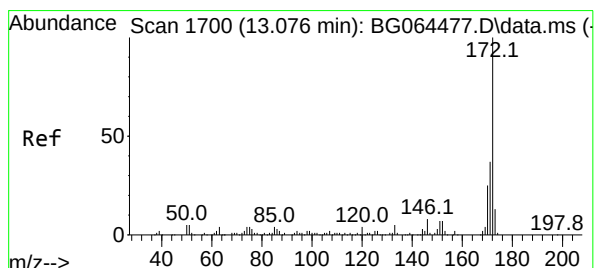
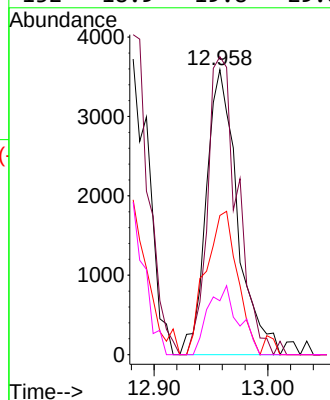
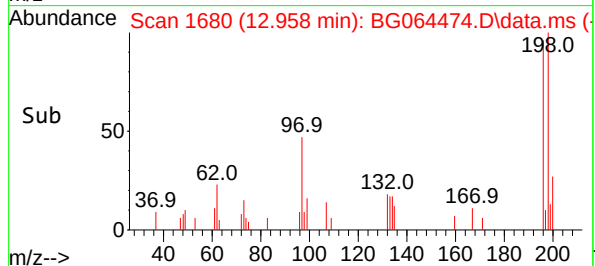
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:196 Resp: 6843  
Ion Ratio Lower Upper  
196 100  
198 104.6 80.3 120.5  
97 48.8 39.4 59.0  
132 18.9 19.8 29.8#

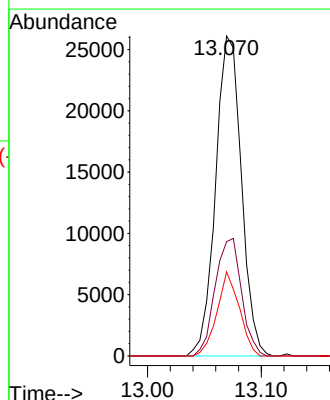
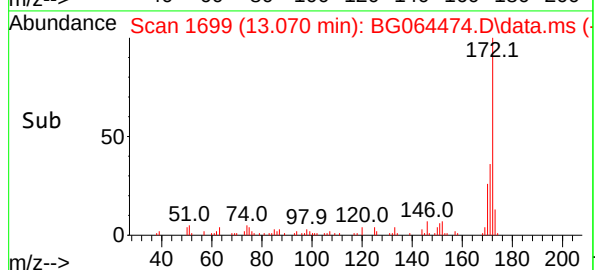
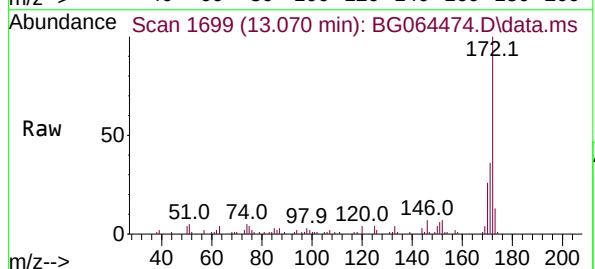
Manual Integrations  
APPROVED

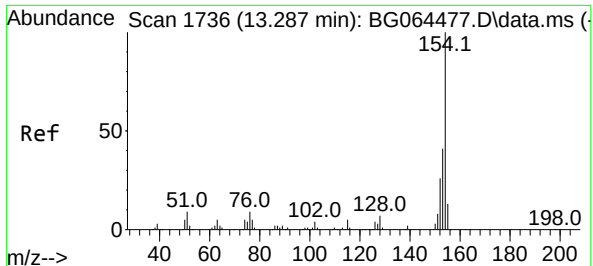
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#45  
2-Fluorobiphenyl  
Concen: 9.988 ng  
RT: 13.070 min Scan# 1699  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

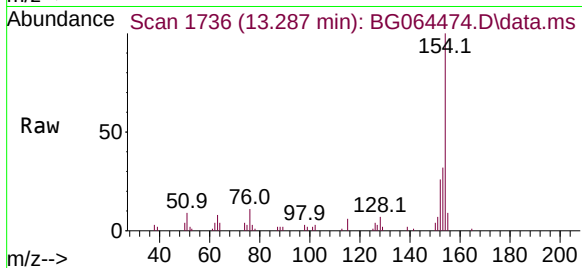
Tgt Ion:172 Resp: 41153  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.6 44.4  
170 26.3 20.2 30.2





#46  
1,1'-Biphenyl  
Concen: 5.003 ng  
RT: 13.287 min Scan# 1736  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

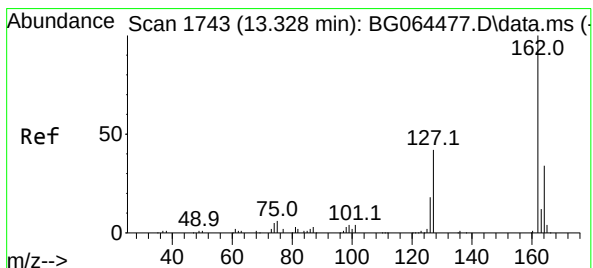
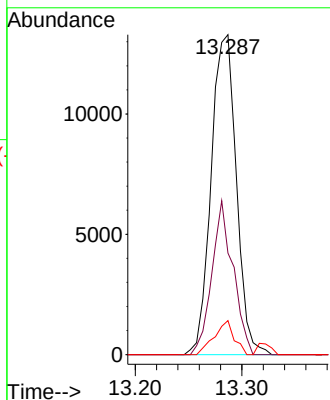
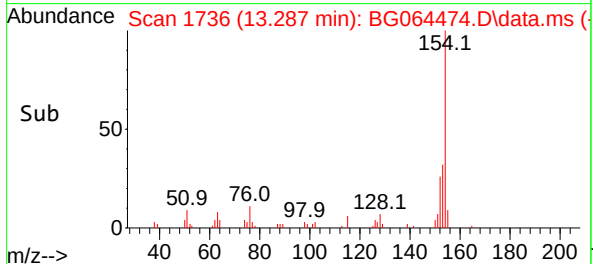
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



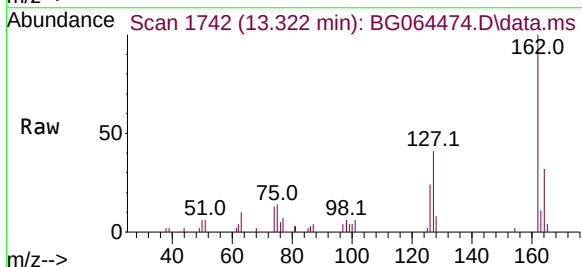
Tgt Ion:154 Resp: 21854  
Ion Ratio Lower Upper  
154 100  
153 31.7 20.7 60.7  
76 10.6 0.0 29.3

Manual Integrations  
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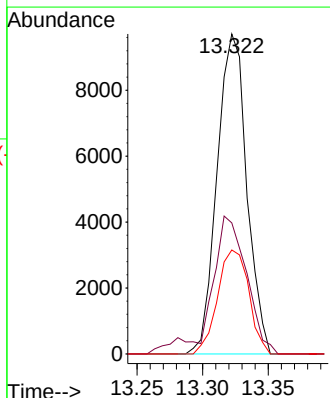
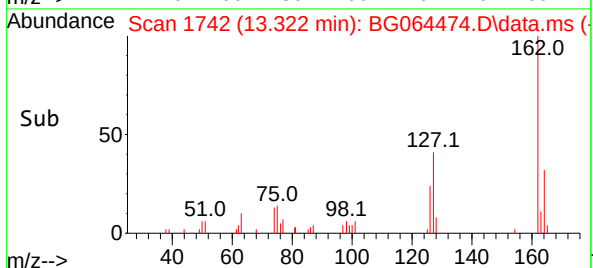
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

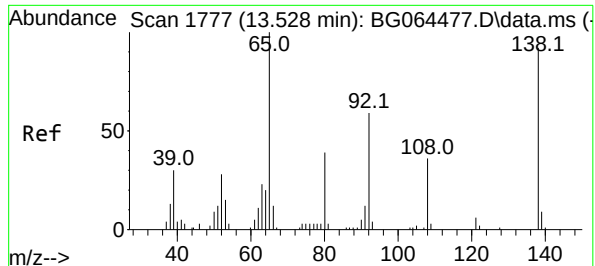


#47  
2-Chloronaphthalene  
Concen: 4.685 ng  
RT: 13.322 min Scan# 1742  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



Tgt Ion:162 Resp: 15278  
Ion Ratio Lower Upper  
162 100  
127 40.9 35.8 53.8  
164 32.5 27.2 40.8





#48

2-Nitroaniline

Concen: 4.107 ng

RT: 13.528 min Scan# 1777

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

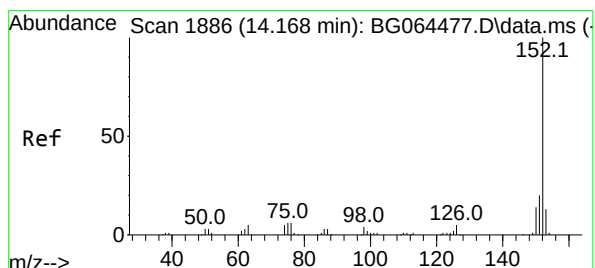
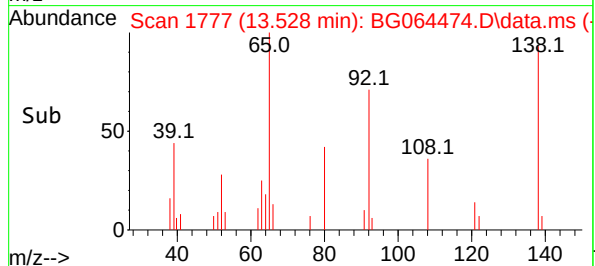
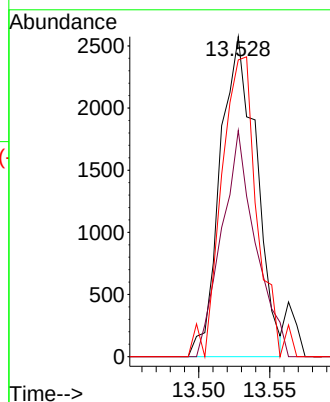
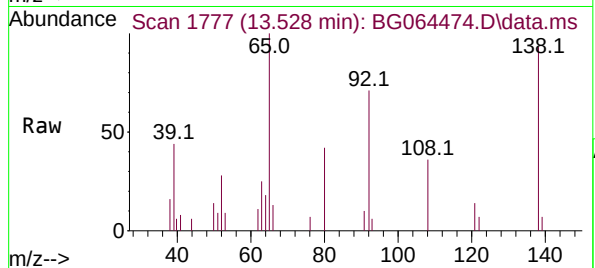
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 457   |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 92       | 70.6  | 47.0  | 70.6  |
| 138      | 92.7  | 73.5  | 110.3 |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#49

Acenaphthylene

Concen: 4.990 ng

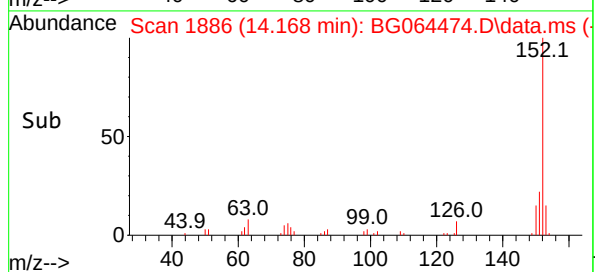
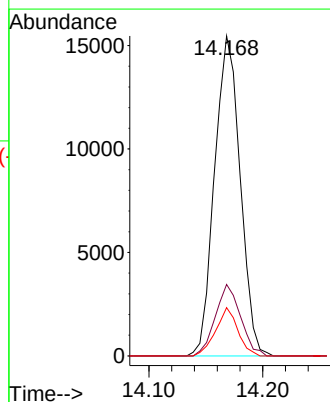
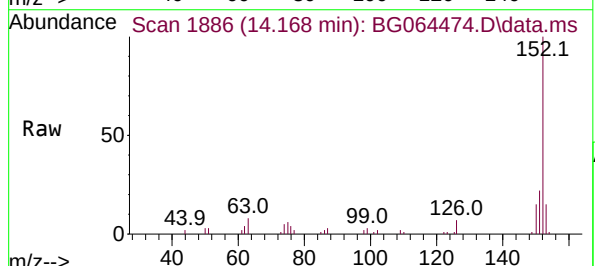
RT: 14.168 min Scan# 1886

Delta R.T. -0.004 min

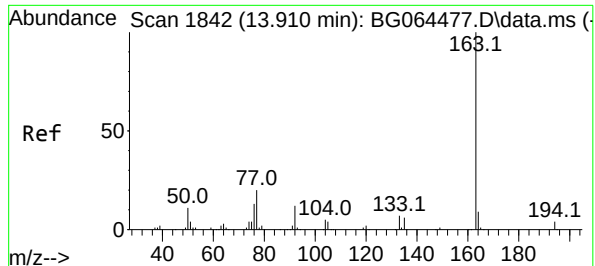
Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 24156 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 22.3  | 15.8  | 23.6  |
| 153      | 15.1  | 10.6  | 15.8  |

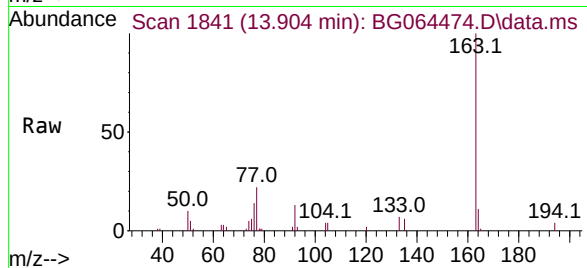






#50  
Dimethylphthalate  
Concen: 4.992 ng  
RT: 13.904 min Scan# 1842  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

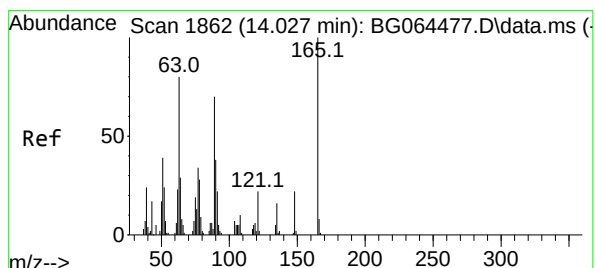
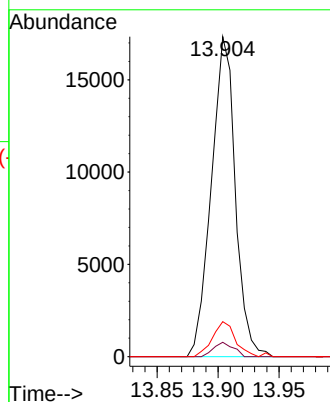
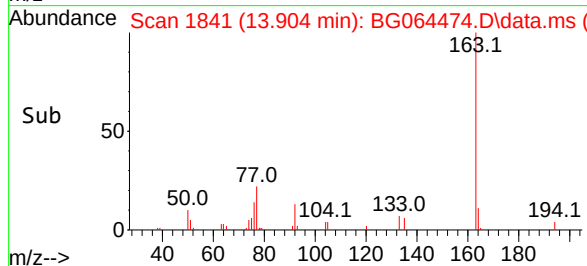
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:163 Resp: 23745  
Ion Ratio Lower Upper  
163 100  
194 4.5 2.9 4.3  
164 10.9 7.4 11.0

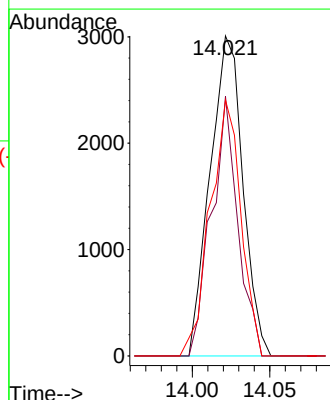
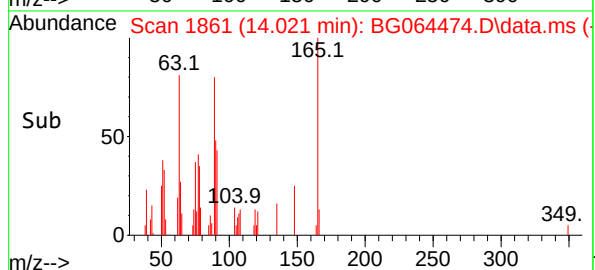
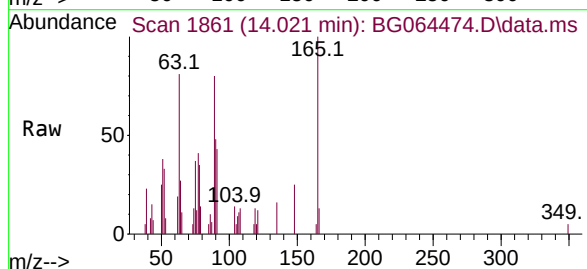
Manual Integrations  
APPROVED

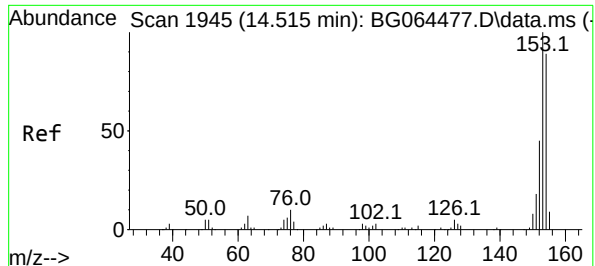
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#51  
2,6-Dinitrotoluene  
Concen: 4.470 ng  
RT: 14.021 min Scan# 1861  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

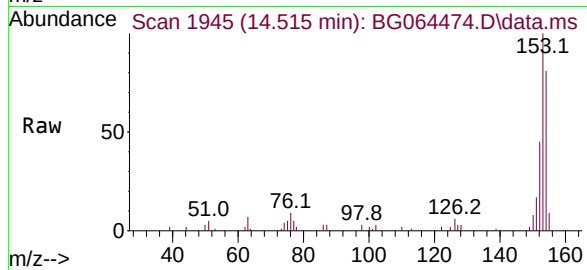
Tgt Ion:165 Resp: 4429  
Ion Ratio Lower Upper  
165 100  
63 81.1 63.9 95.9  
89 80.0 56.1 84.1





#52  
Acenaphthene  
Concen: 5.000 ng  
RT: 14.515 min Scan# 1945  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

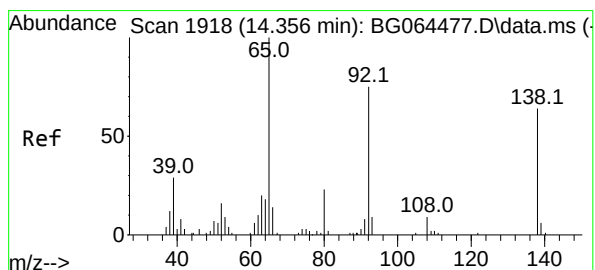
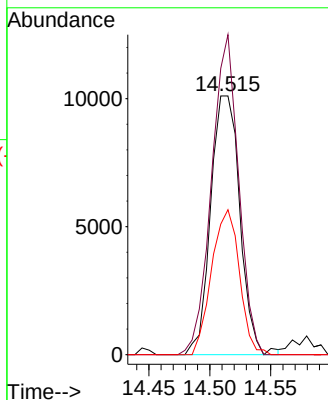
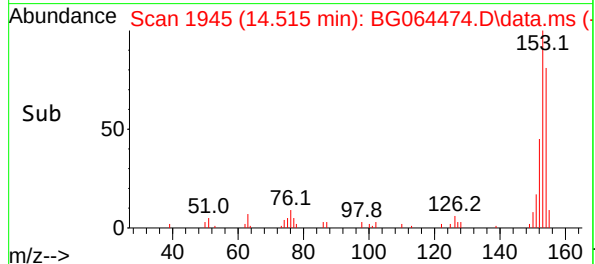
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



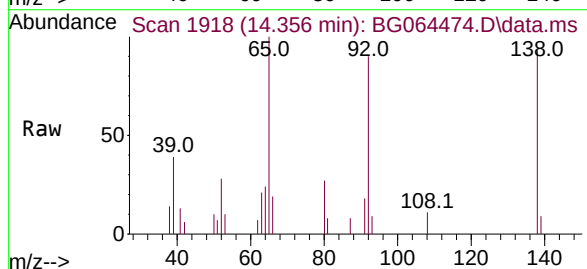
Tgt Ion:154 Resp: 16816  
Ion Ratio Lower Upper  
154 100  
153 123.7 90.2 135.4  
152 56.0 40.2 60.4

Manual Integrations  
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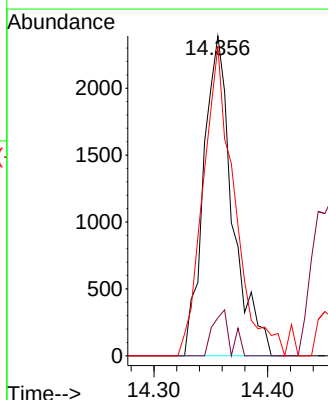
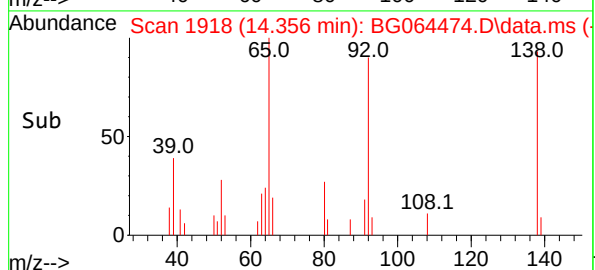
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

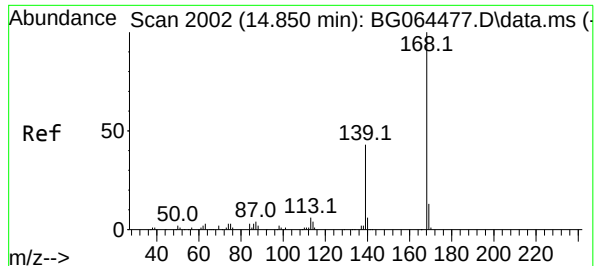


#53  
3-Nitroaniline  
Concen: 4.630 ng  
RT: 14.356 min Scan# 1918  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



Tgt Ion:138 Resp: 4231  
Ion Ratio Lower Upper  
138 100  
108 11.9 10.6 15.8  
92 96.8 93.2 139.8





#55

Dibenzenofuran

Concen: 5.022 ng

RT: 14.850 min Scan# 2002

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

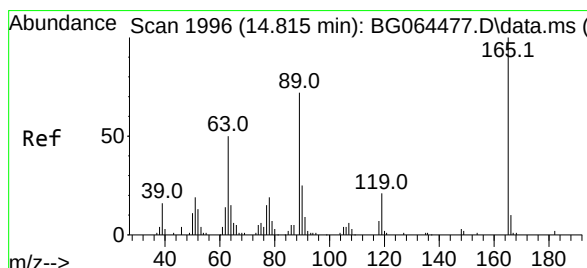
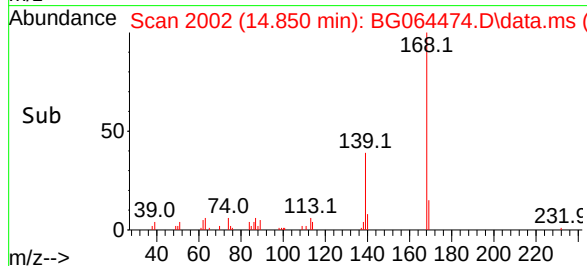
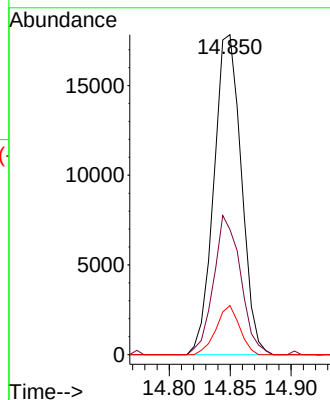
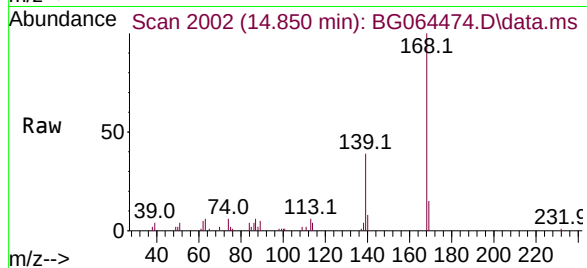
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.1  | 34.0  | 51.0  |
| 169     | 15.3  | 10.2  | 15.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#57

2,4-Dinitrotoluene

Concen: 4.826 ng

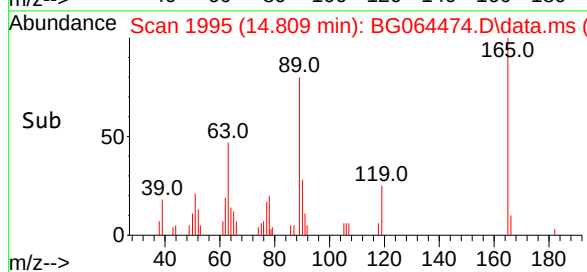
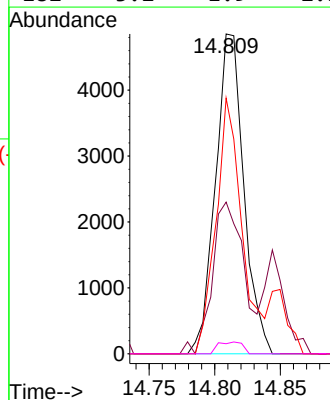
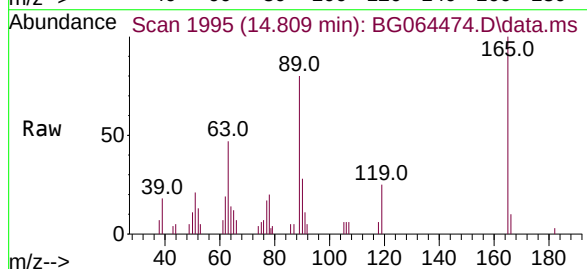
RT: 14.809 min Scan# 1995

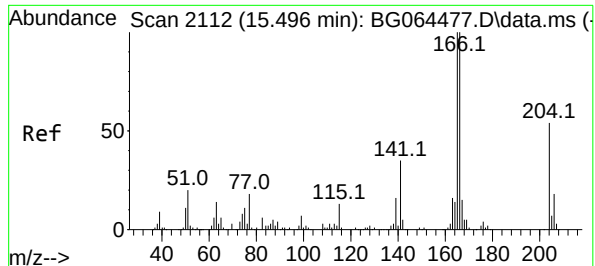
Delta R.T. -0.004 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.4  | 40.4  | 60.6  |
| 89      | 79.9  | 57.3  | 85.9  |
| 182     | 3.2   | 1.9   | 2.9   |





#58

Fluorene

Concen: 4.994 ng

RT: 15.496 min Scan# 2112

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:166 Resp: 2305

Ion Ratio Lower Upper

166 100

165 92.3 79.8 119.6

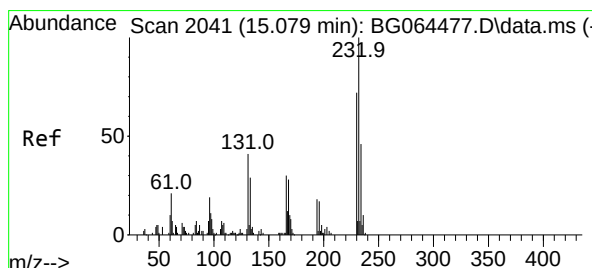
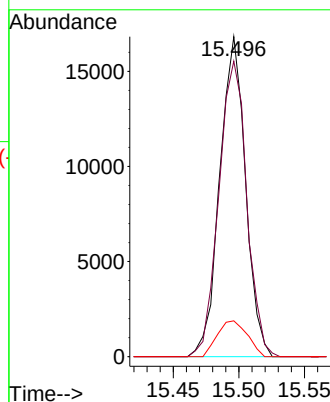
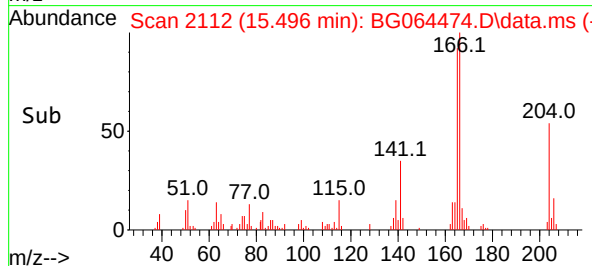
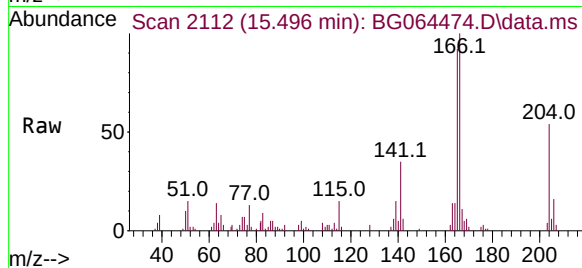
167 11.2 11.7 17.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.658 ng

RT: 15.073 min Scan# 2040

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Tgt Ion:232 Resp: 6653

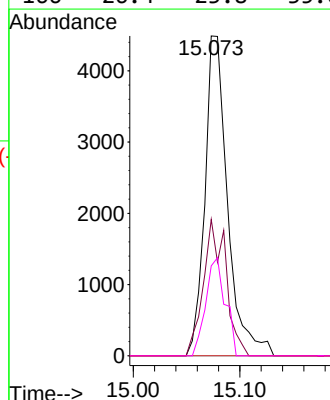
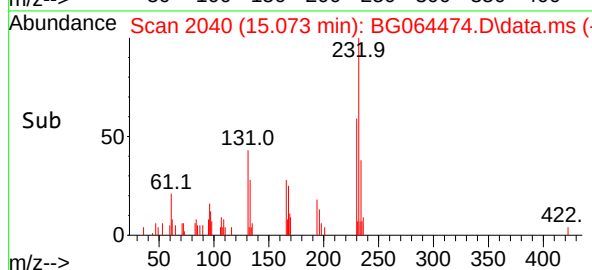
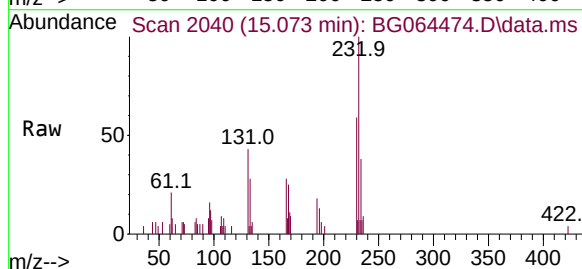
Ion Ratio Lower Upper

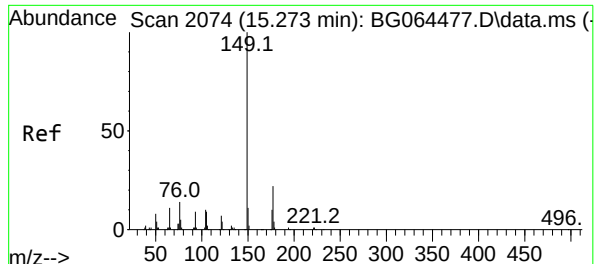
232 100

131 42.3 35.0 52.4

130 0.0 2.0 3.0#

166 26.4 23.8 35.6





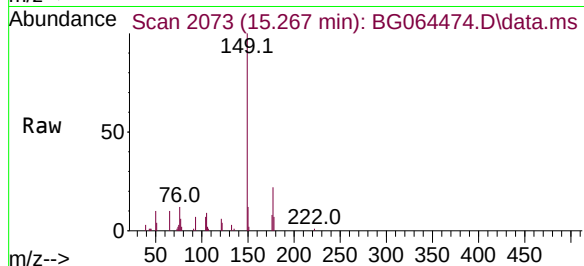
#60  
Diethylphthalate  
Concen: 5.198 ng  
RT: 15.267 min Scan# 2073  
Delta R.T. -0.004 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

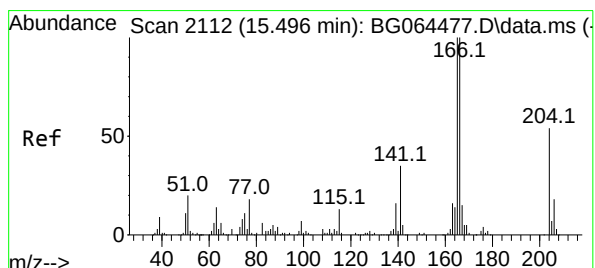
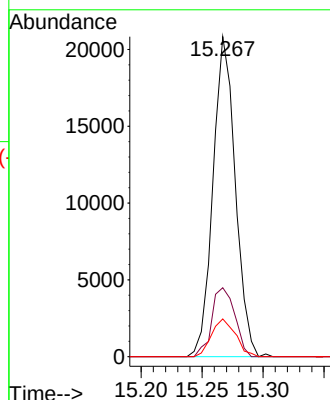
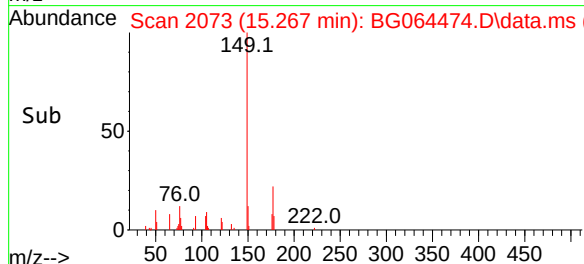


Tgt Ion:149 Resp: 26525  
Ion Ratio Lower Upper  
149 100  
177 21.5 17.4 26.0  
150 11.8 9.1 13.7

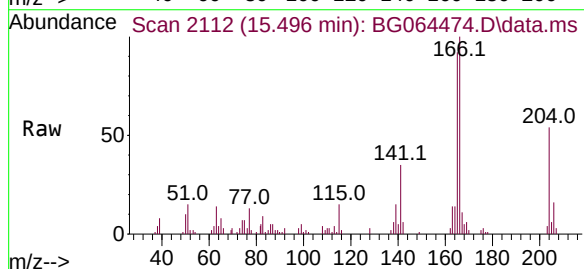
Manual Integrations

APPROVED

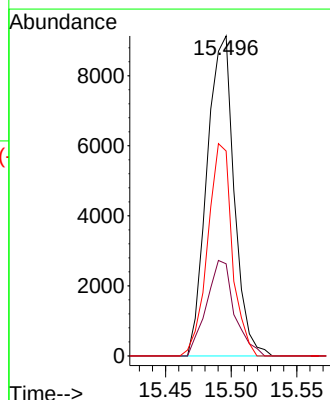
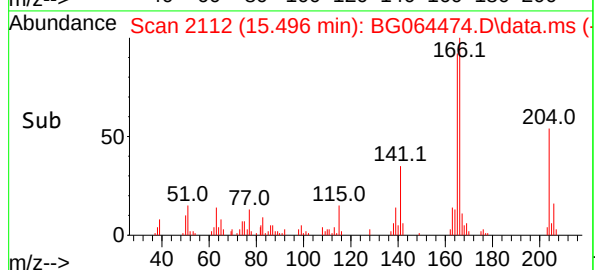
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

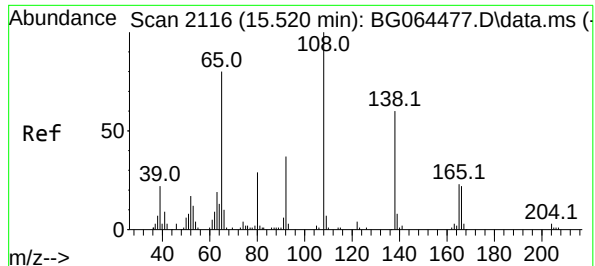


#61  
4-Chlorophenyl-phenylether  
Concen: 5.215 ng  
RT: 15.496 min Scan# 2112  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



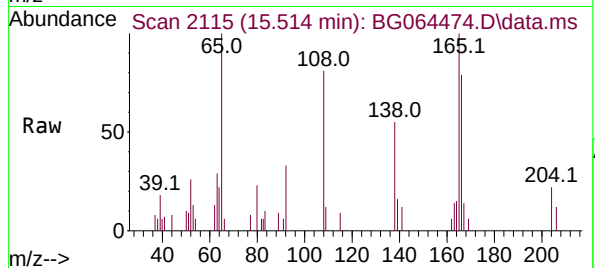
Tgt Ion:204 Resp: 13144  
Ion Ratio Lower Upper  
204 100  
206 28.8 27.1 40.7  
141 64.0 51.5 77.3





#62  
4-Nitroaniline  
Concen: 3.655 ng  
RT: 15.514 min Scan# 2115  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

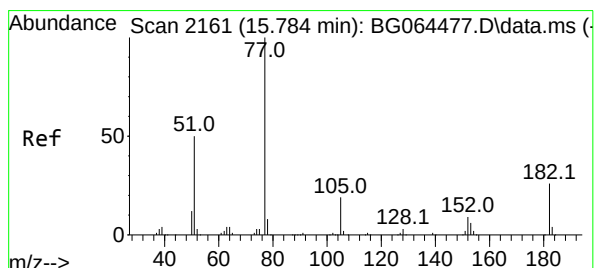
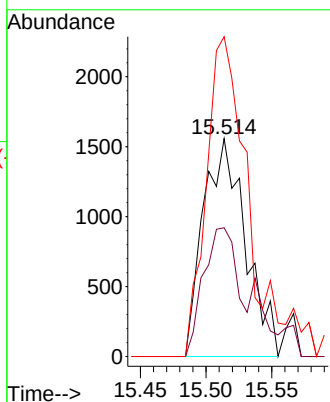
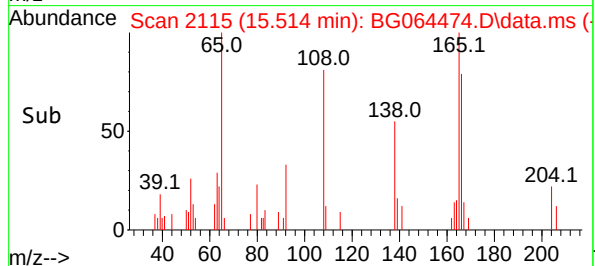
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:138 Resp: 348  
Ion Ratio Lower Upper  
138 100  
92 59.1 42.3 82.3  
108 146.8 147.7 187.7

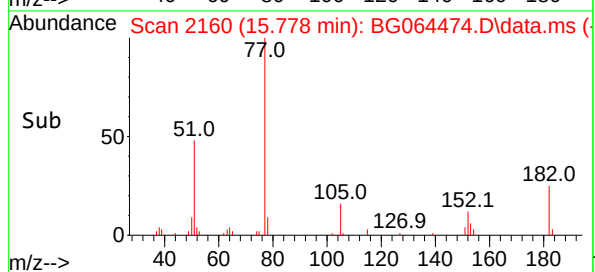
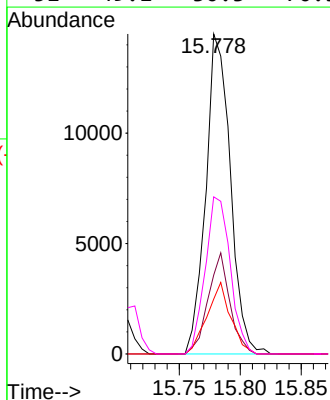
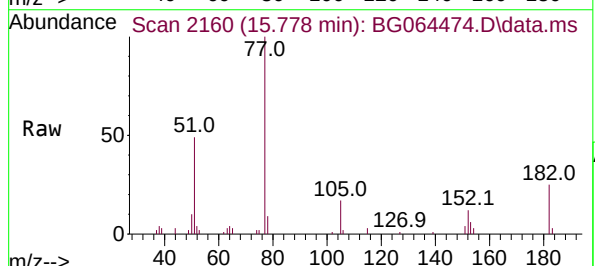
Manual Integrations  
APPROVED

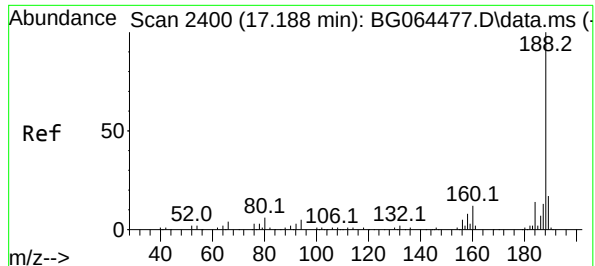
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#63  
Azobenzene  
Concen: 5.144 ng  
RT: 15.778 min Scan# 2160  
Delta R.T. -0.004 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

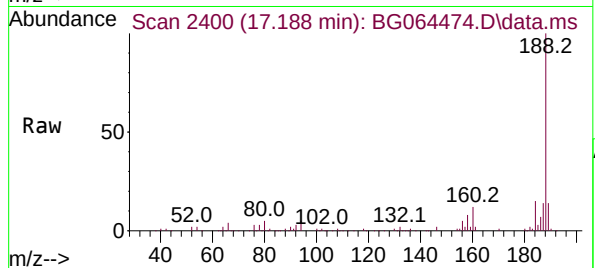
Tgt Ion: 77 Resp: 20327  
Ion Ratio Lower Upper  
77 100  
182 24.6 6.3 46.3  
105 17.1 0.0 38.7  
51 49.1 30.3 70.3





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.188 min Scan# 2400  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

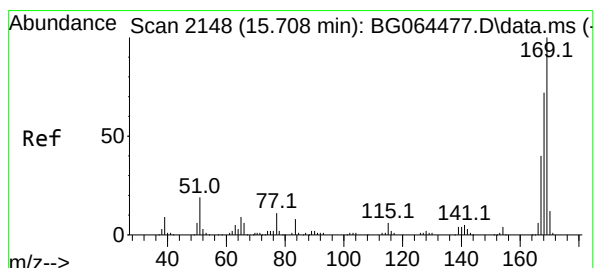
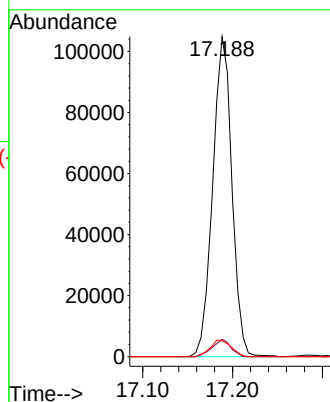
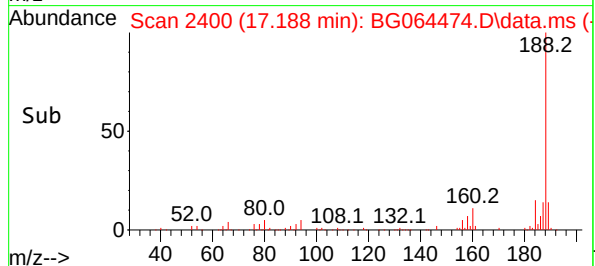
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



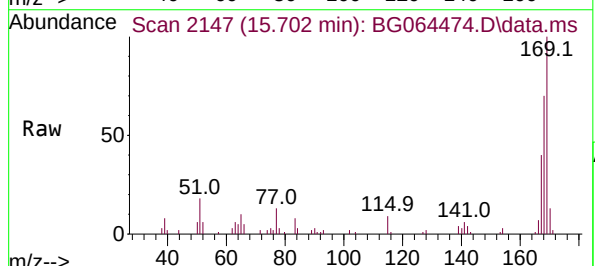
Tgt Ion:188 Resp: 155342  
Ion Ratio Lower Upper  
188 100  
94 5.4 3.7 5.5  
80 5.0 4.5 6.7

Manual Integrations  
APPROVED

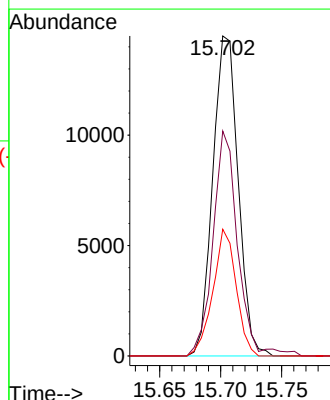
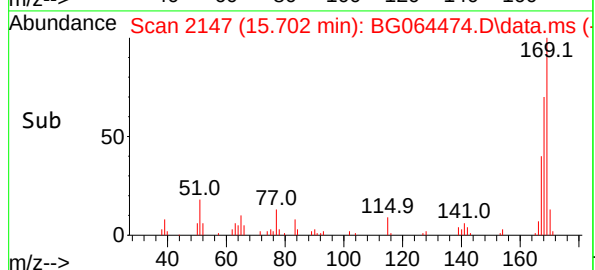
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

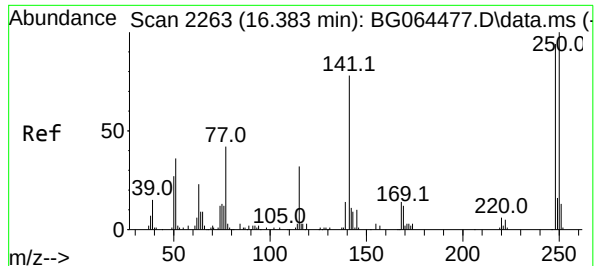


#66  
n-Nitrosodiphenylamine  
Concen: 5.053 ng  
RT: 15.702 min Scan# 2147  
Delta R.T. -0.004 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



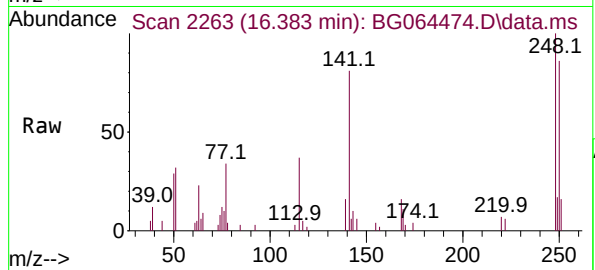
Tgt Ion:169 Resp: 20960  
Ion Ratio Lower Upper  
169 100  
168 70.3 57.8 86.6  
167 39.6 31.7 47.5





#67  
4-Bromophenyl-phenylether  
Concen: 5.002 ng  
RT: 16.383 min Scan# 2263  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

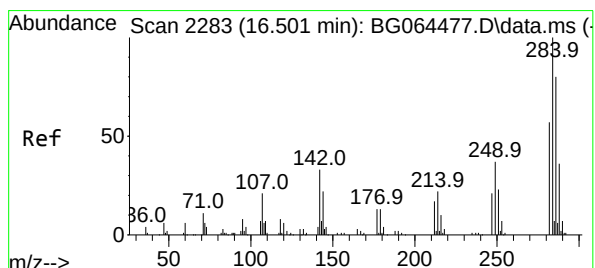
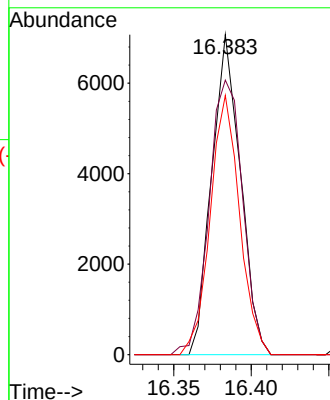
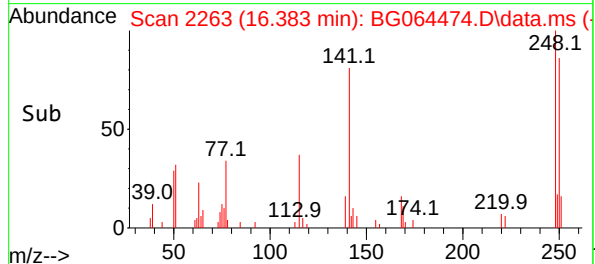
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



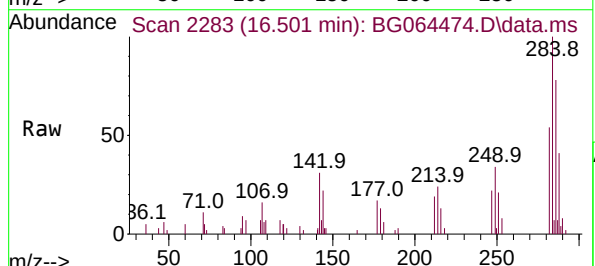
Tgt Ion:248 Resp: 9144  
Ion Ratio Lower Upper  
248 100  
250 85.8 85.3 127.9  
141 81.0 66.2 99.2

Manual Integrations  
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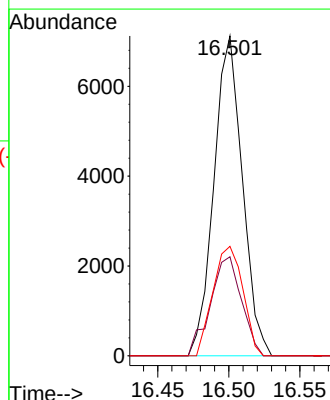
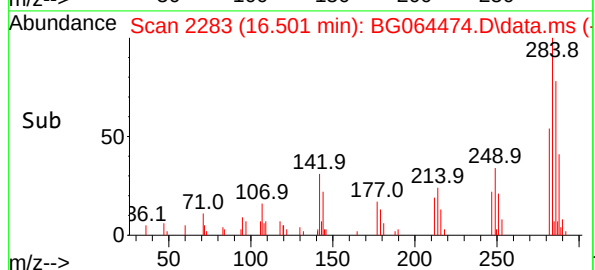
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



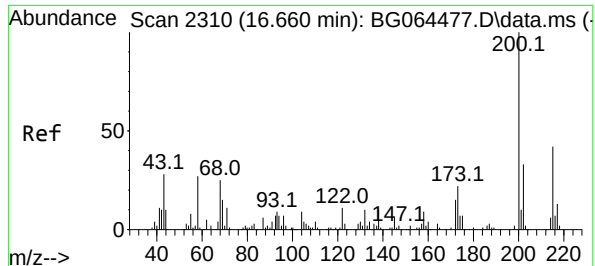
#68  
Hexachlorobenzene  
Concen: 4.747 ng  
RT: 16.501 min Scan# 2283  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



Tgt Ion:284 Resp: 9929  
Ion Ratio Lower Upper  
284 100  
142 31.0 26.2 39.2  
249 36.8 29.4 44.0







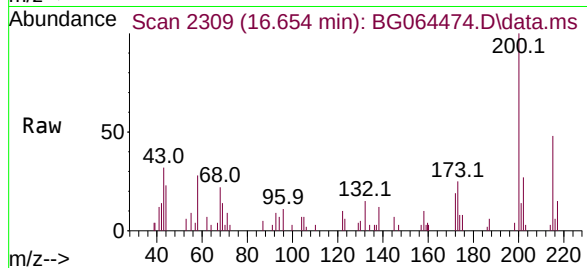
#69  
Atrazine  
Concen: 4.979 ng  
RT: 16.654 min Scan# 2310  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

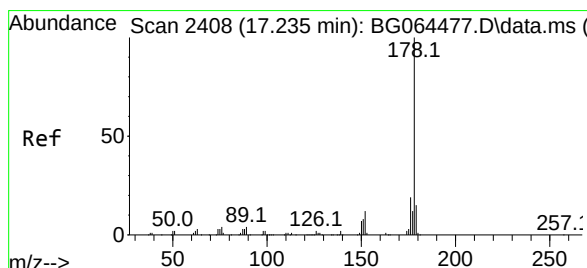
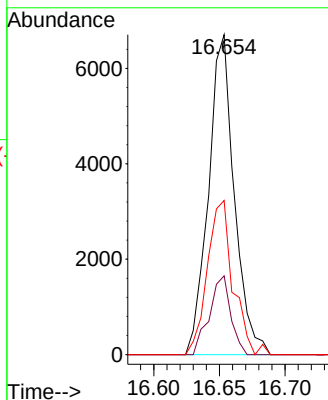
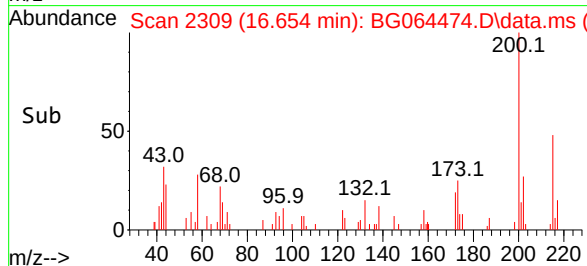


Tgt Ion:200 Resp: 9189  
Ion Ratio Lower Upper  
200 100  
173 24.6 2.5 42.5  
215 48.2 21.5 61.5

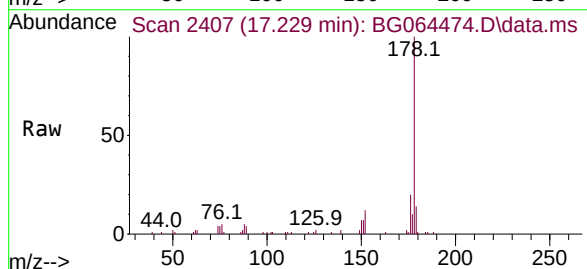
Manual Integrations

APPROVED

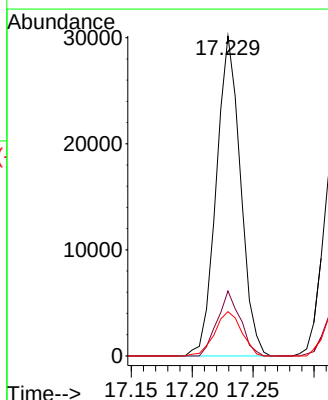
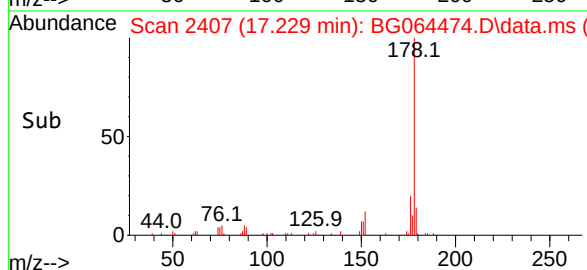
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

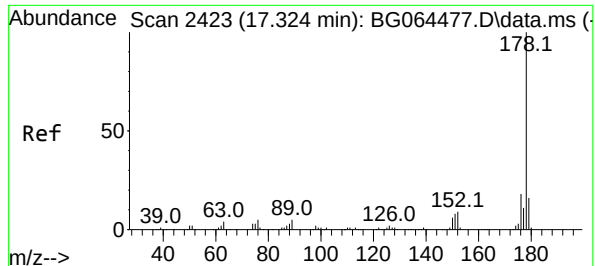


#71  
Phenanthrene  
Concen: 5.126 ng  
RT: 17.229 min Scan# 2407  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42



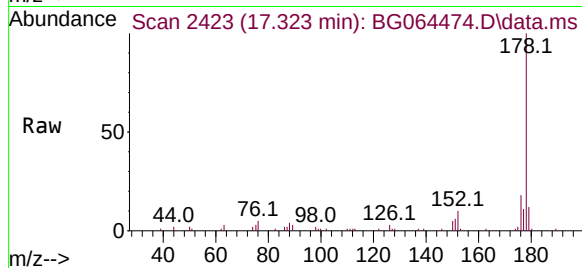
Tgt Ion:178 Resp: 41639  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.2 22.8  
179 13.8 11.8 17.6





#72  
Anthracene  
Concen: 4.978 ng m  
RT: 17.323 min Scan# 2423  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

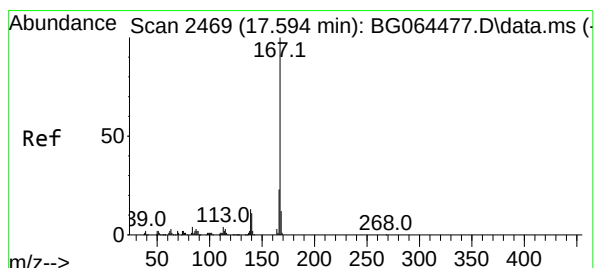
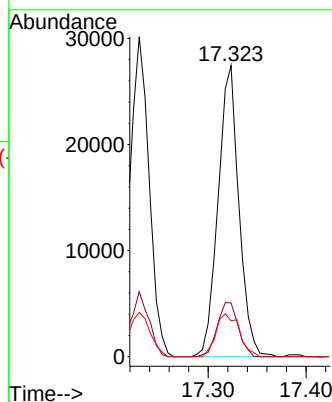
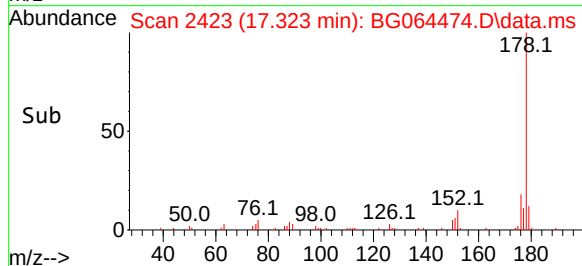
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:178 Resp: 40568  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 21.8  
179 12.3 12.5 18.7

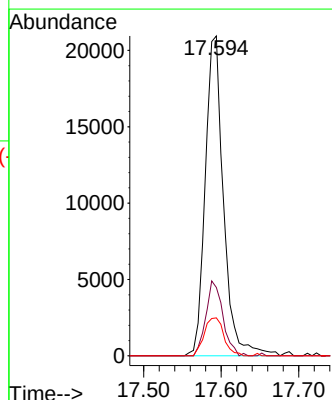
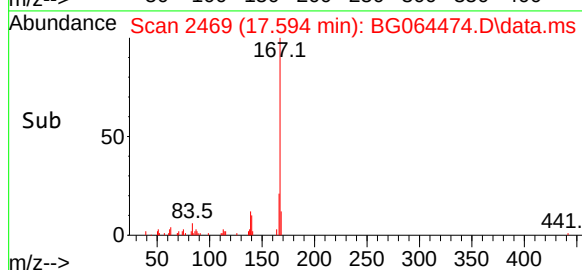
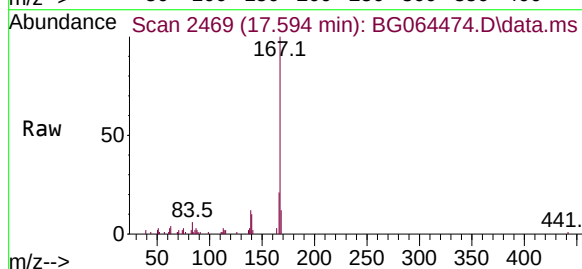
Manual Integrations  
APPROVED

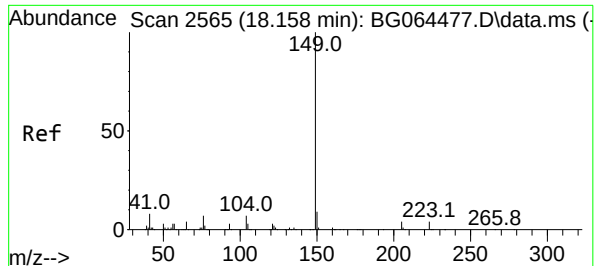
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#73  
Carbazole  
Concen: 4.870 ng  
RT: 17.594 min Scan# 2469  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

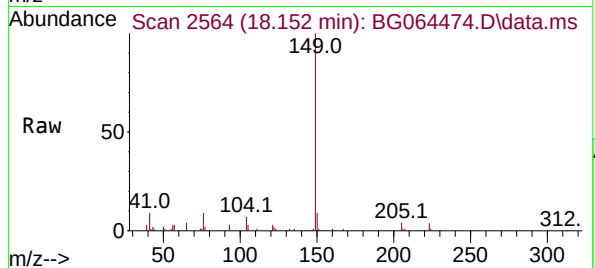
Tgt Ion:167 Resp: 34305  
Ion Ratio Lower Upper  
167 100  
166 21.4 18.6 27.8  
139 11.9 10.2 15.4





#74  
Di-n-butylphthalate  
Concen: 4.950 ng  
RT: 18.152 min Scan# 2564  
Delta R.T. -0.004 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

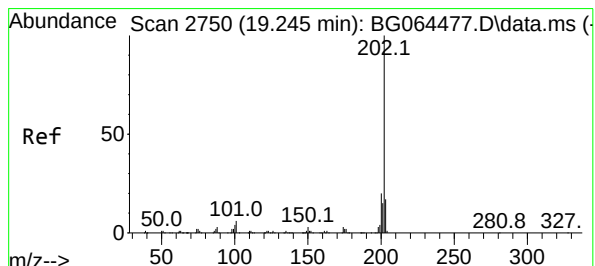
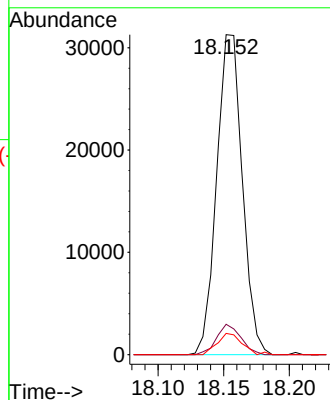
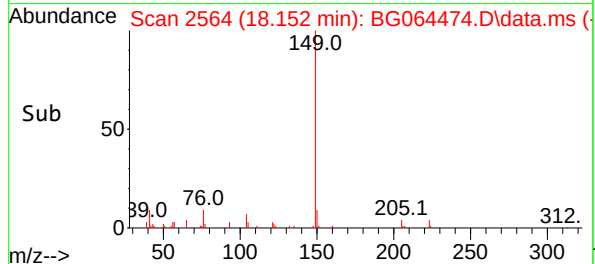
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 42564  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.4 11.2  
104 6.6 5.3 7.9

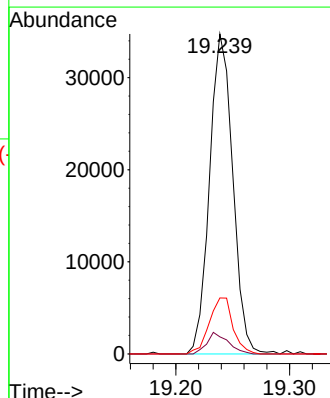
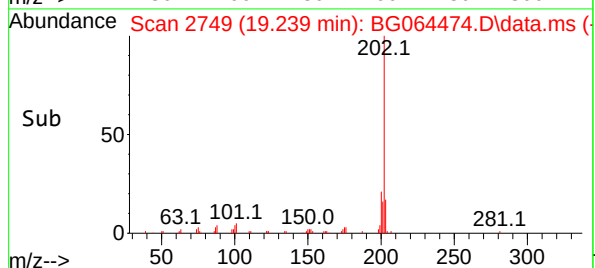
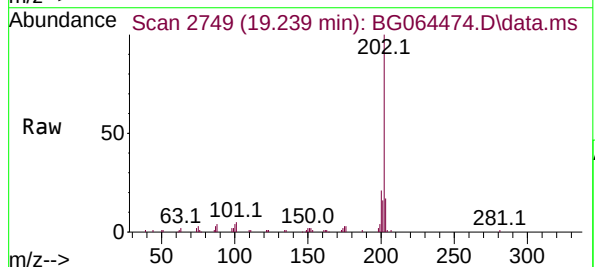
Manual Integrations  
APPROVED

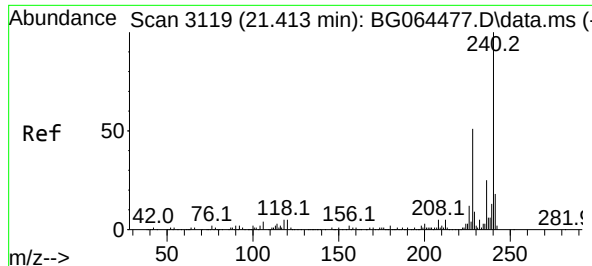
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#75  
Fluoranthene  
Concen: 5.080 ng  
RT: 19.239 min Scan# 2749  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

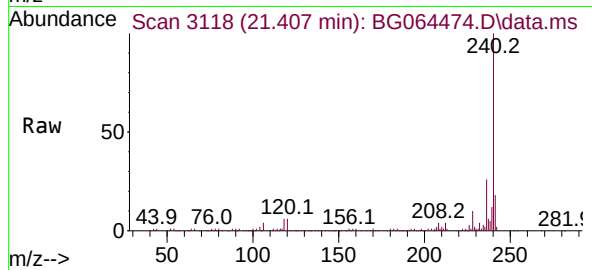
Tgt Ion:202 Resp: 49301  
Ion Ratio Lower Upper  
202 100  
101 5.3 0.0 25.7  
203 17.5 0.0 36.6





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.407 min Scan# 3119  
Delta R.T. -0.003 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

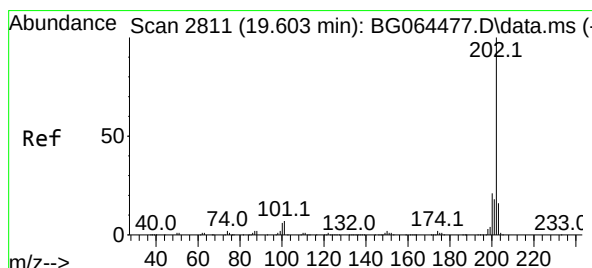
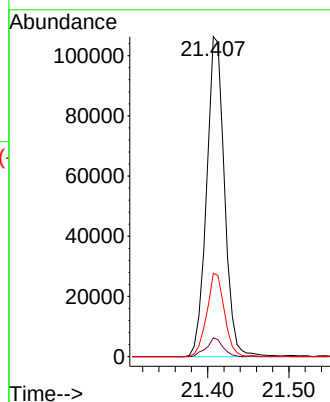
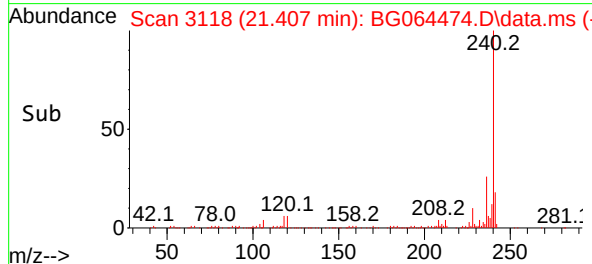
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:240 Resp: 162684  
Ion Ratio Lower Upper  
240 100  
120 5.9 4.3 6.5  
236 26.0 20.4 30.6

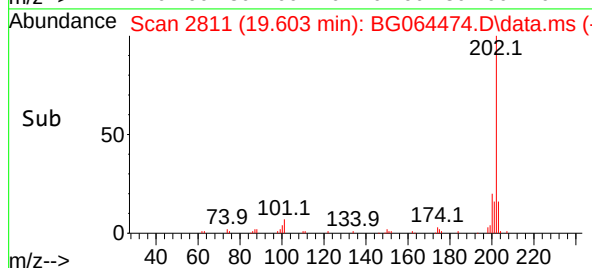
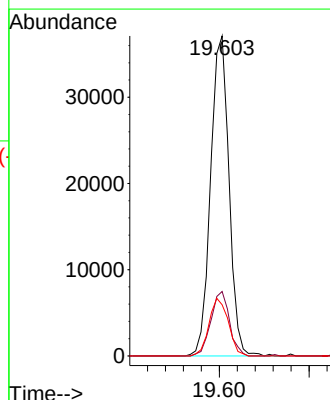
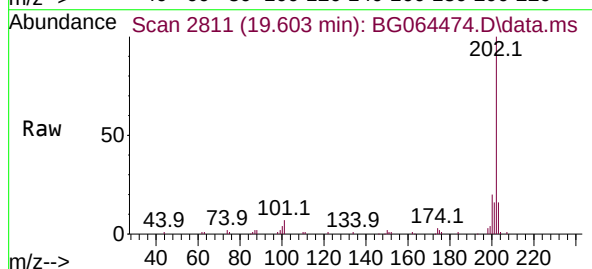
Manual Integrations  
APPROVED

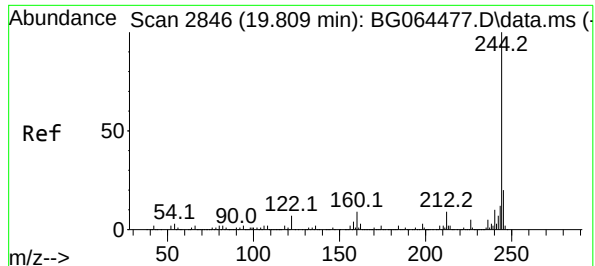
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#78  
Pyrene  
Concen: 4.989 ng  
RT: 19.603 min Scan# 2811  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

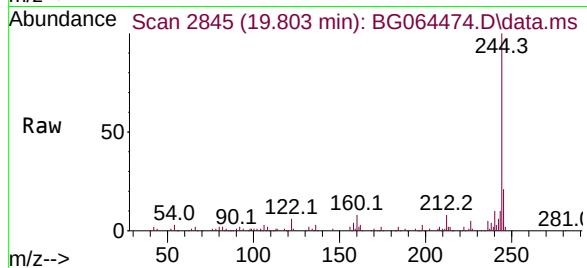
Tgt Ion:202 Resp: 52677  
Ion Ratio Lower Upper  
202 100  
200 20.1 17.0 25.4  
203 16.0 13.0 19.4





#79  
Terphenyl-d14  
Concen: 10.093 ng  
RT: 19.803 min Scan# 2846  
Delta R.T. -0.004 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

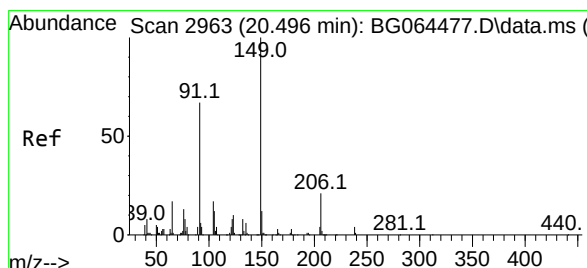
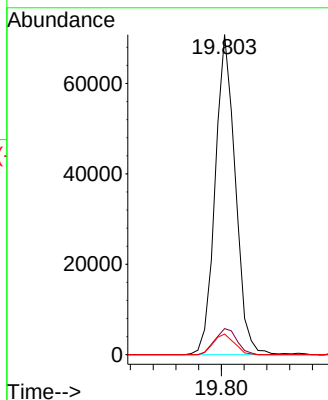
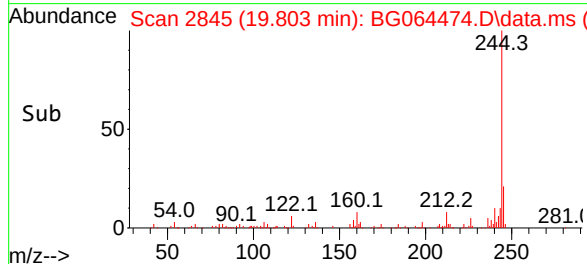
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:244 Resp: 86764  
Ion Ratio Lower Upper  
244 100  
212 8.1 7.0 10.6  
122 6.4 5.6 8.4

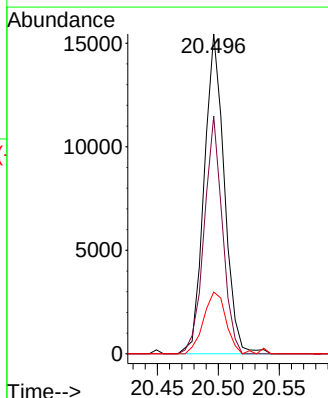
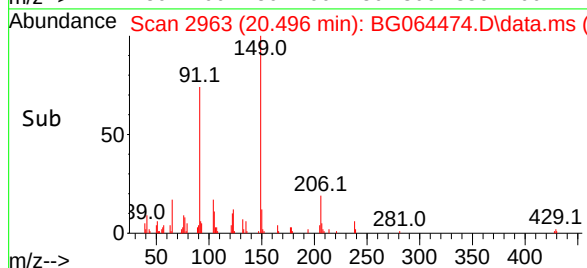
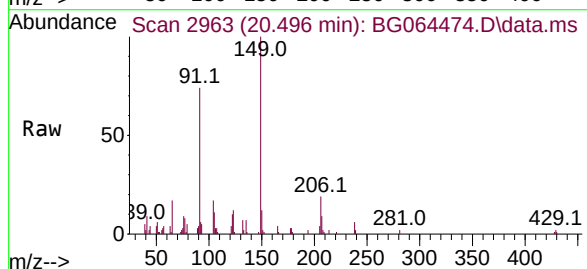
Manual Integrations  
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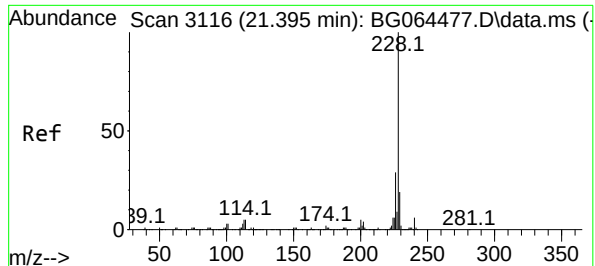
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#80  
Butylbenzylphthalate  
Concen: 4.749 ng  
RT: 20.496 min Scan# 2963  
Delta R.T. -0.004 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

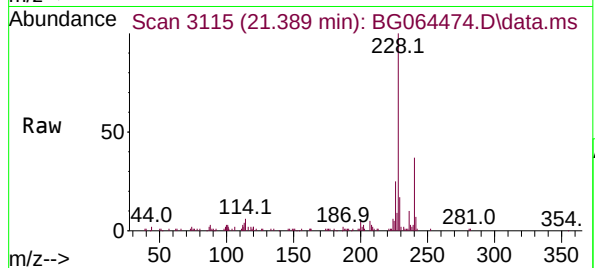
Tgt Ion:149 Resp: 17773  
Ion Ratio Lower Upper  
149 100  
91 74.3 53.7 80.5  
206 19.3 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 5.012 ng  
RT: 21.389 min Scan# 3115  
Delta R.T. -0.004 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

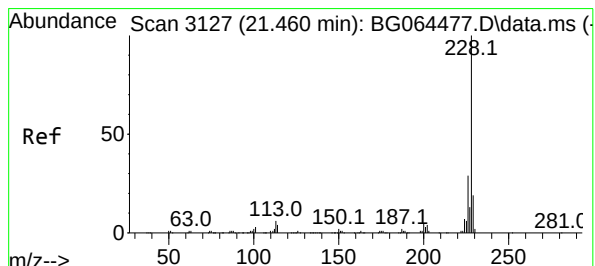
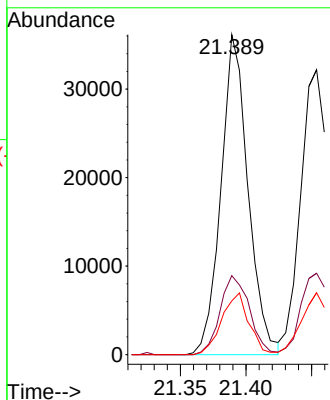
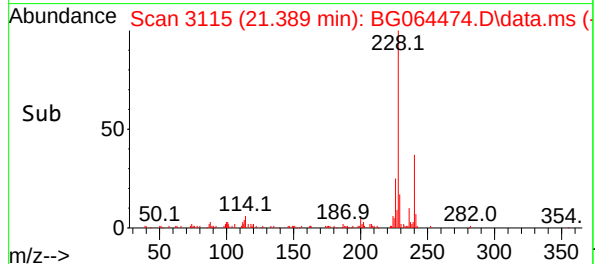
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:228 Resp: 52066  
Ion Ratio Lower Upper  
228 100  
226 24.7 22.8 34.2  
229 16.8 15.2 22.8

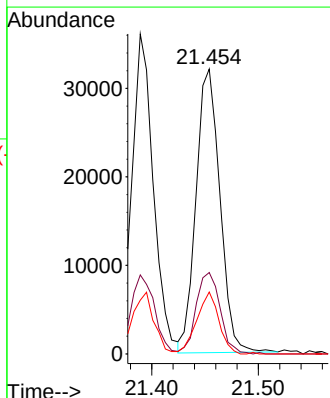
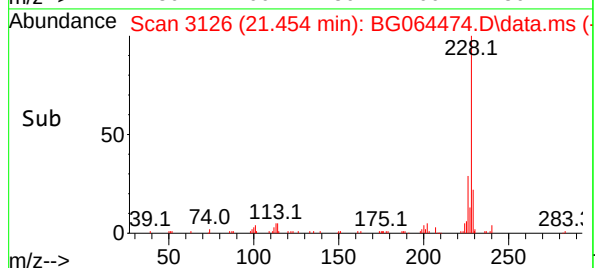
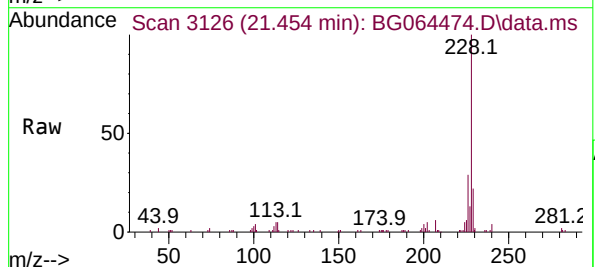
Manual Integrations  
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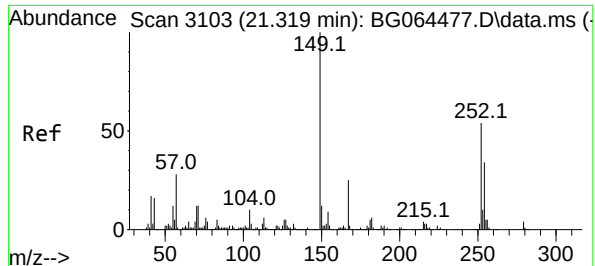
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#83  
Chrysene  
Concen: 5.060 ng  
RT: 21.454 min Scan# 3126  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

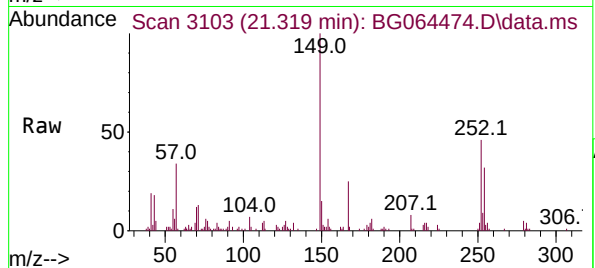
Tgt Ion:228 Resp: 49843  
Ion Ratio Lower Upper  
228 100  
226 28.6 22.8 34.2  
229 21.7 15.4 23.0





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.662 ng  
RT: 21.319 min Scan# 3103  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

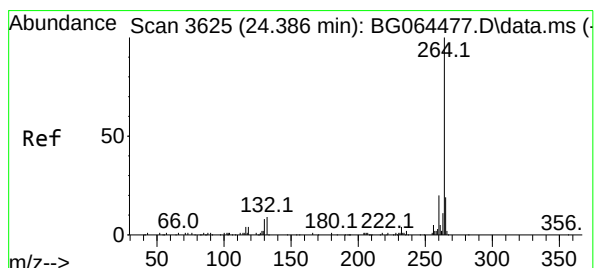
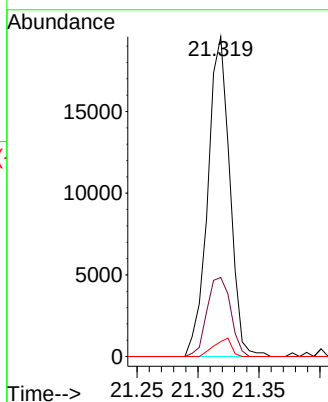
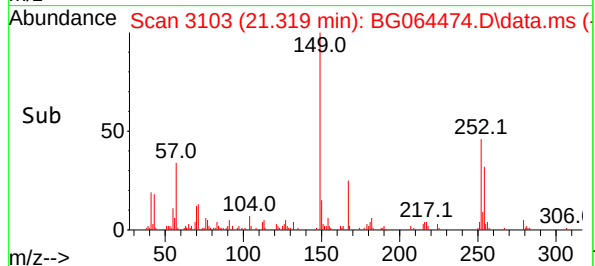
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 24616  
Ion Ratio Lower Upper  
149 100  
167 24.7 19.7 29.5  
279 4.7 3.4 5.2

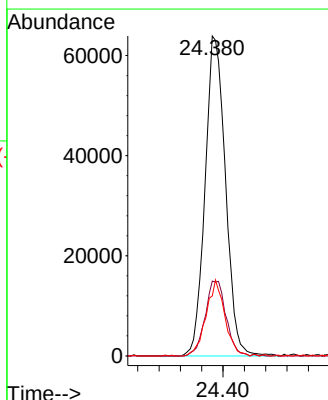
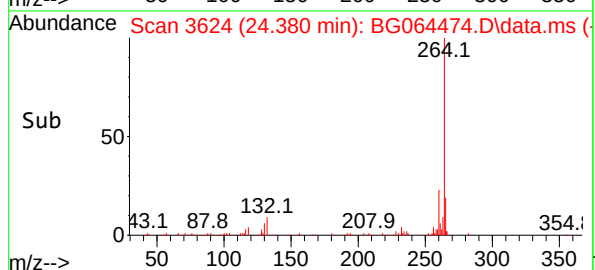
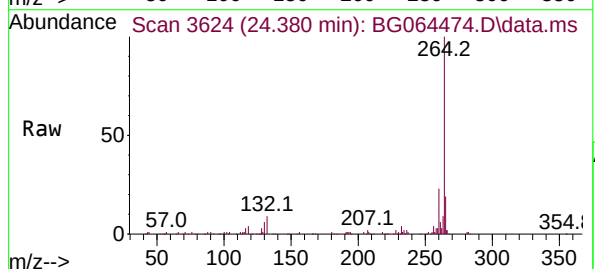
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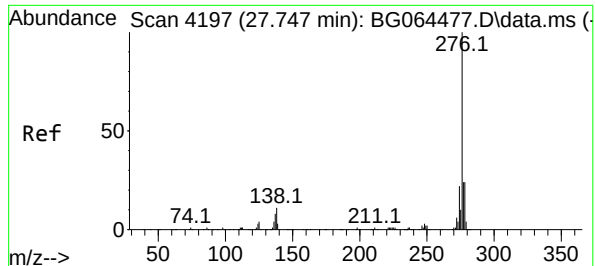
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.380 min Scan# 3624  
Delta R.T. -0.009 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

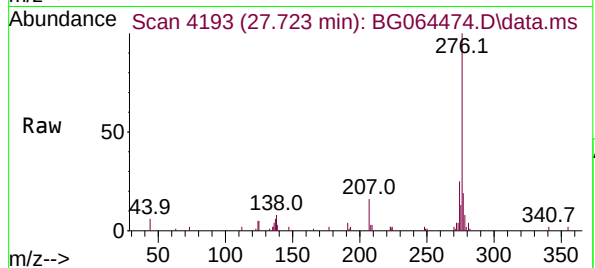
Tgt Ion:264 Resp: 169977  
Ion Ratio Lower Upper  
264 100  
260 23.4 16.2 24.4  
265 18.8 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.912 ng  
RT: 27.723 min Scan# 4197  
Delta R.T. -0.009 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

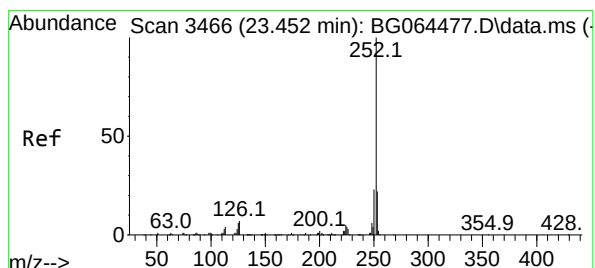
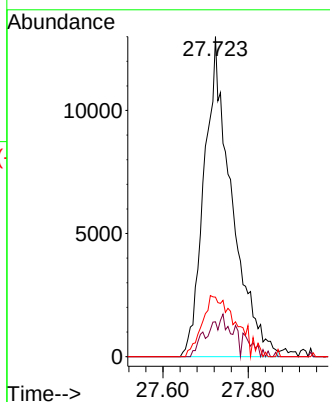
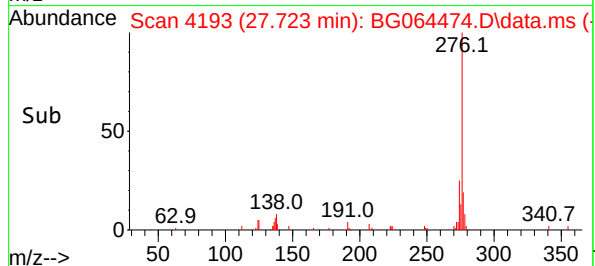
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 276 Resp: 58114  
Ion Ratio Lower Upper  
276 100  
138 3.5 10.8 16.2  
277 23.6 20.3 30.5

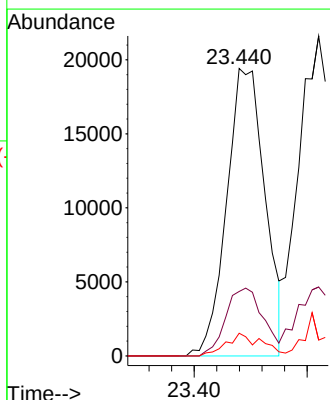
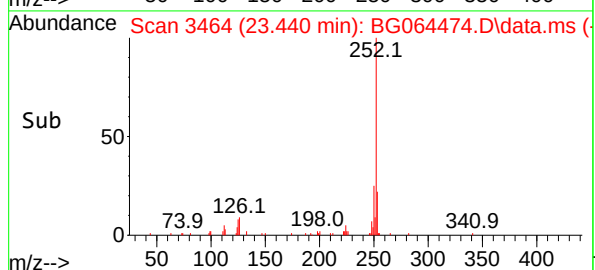
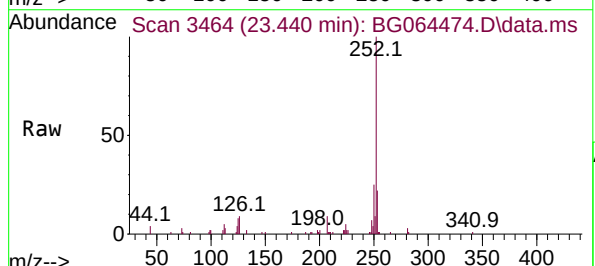
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

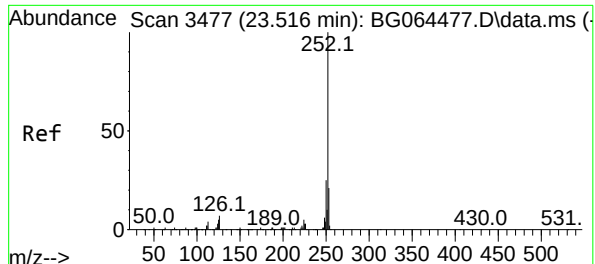


#88  
Benzo(b)fluoranthene  
Concen: 4.734 ng m  
RT: 23.440 min Scan# 3464  
Delta R.T. -0.009 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Tgt Ion: 252 Resp: 45779  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.5 26.3  
125 7.9 4.5 6.7#







#89

Benzo(k)fluoranthene

Concen: 4.970 ng

RT: 23.510 min Scan# 3477

Delta R.T. 0.002 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

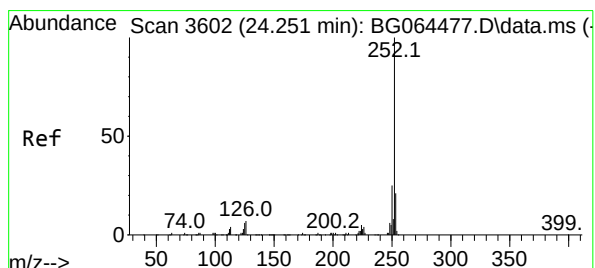
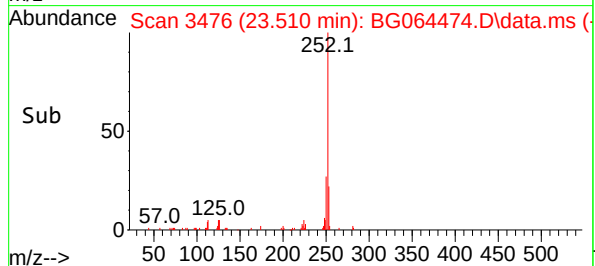
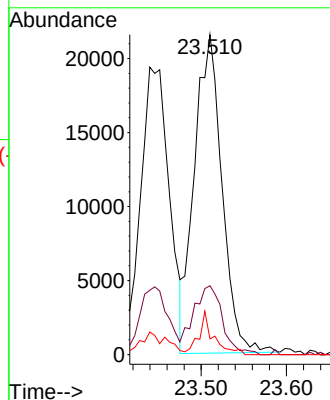
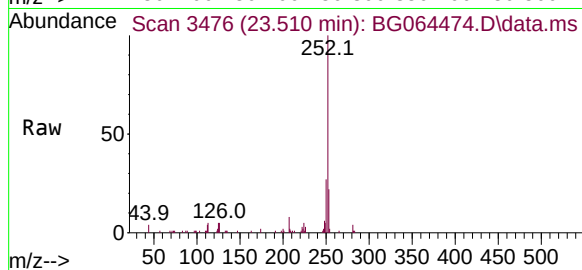
| Tgt Ion:  | 252   | Resp: | 4840 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 21.5  | 17.4  | 26.2 |
| 125       | 4.9   | 4.0   | 6.0  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 4.849 ng

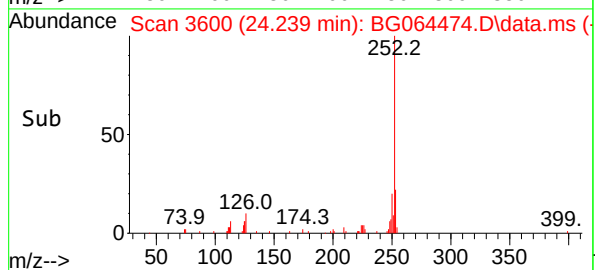
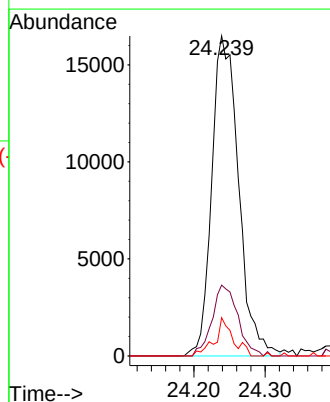
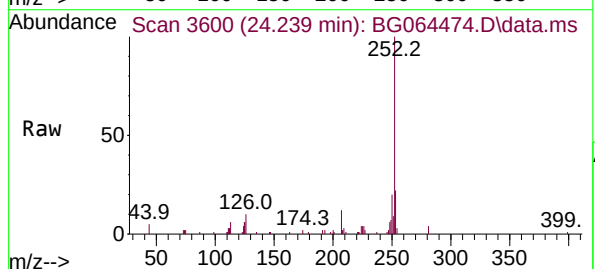
RT: 24.239 min Scan# 3600

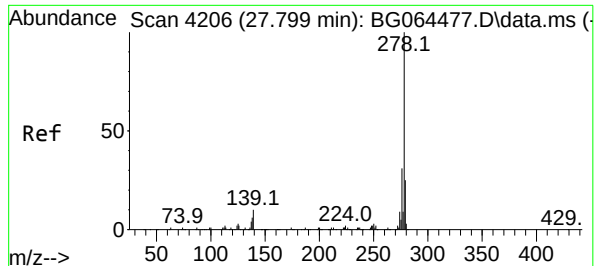
Delta R.T. -0.009 min

Lab File: BG064474.D

Acq: 2 Oct 2025 9:42

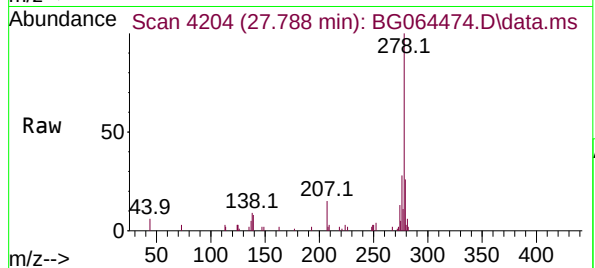
| Tgt Ion:  | 252   | Resp: | 43216 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.1  | 17.1  | 25.7  |
| 125       | 11.9  | 4.6   | 6.8#  |





#91  
Dibenzo(a,h)anthracene  
Concen: 4.703 ng  
RT: 27.788 min Scan# 41  
Delta R.T. 0.008 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

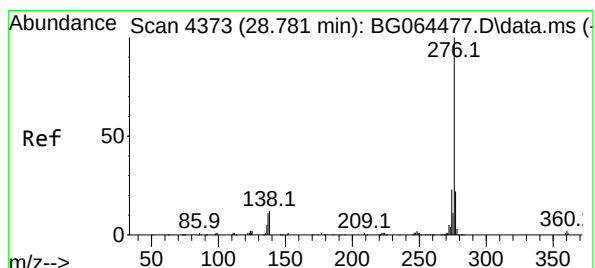
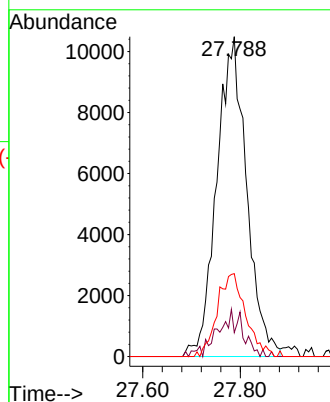
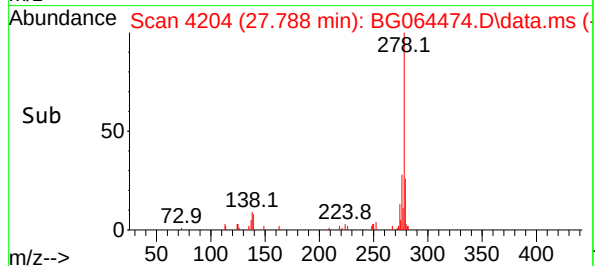
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:278 Resp: 4449  
Ion Ratio Lower Upper  
278 100  
139 7.5 8.2 12.2  
279 25.9 19.6 29.4

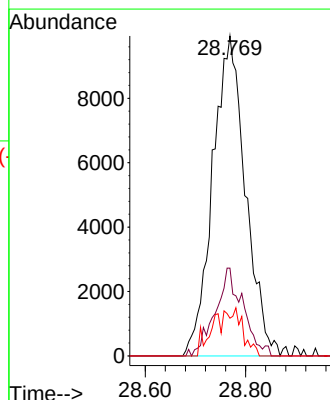
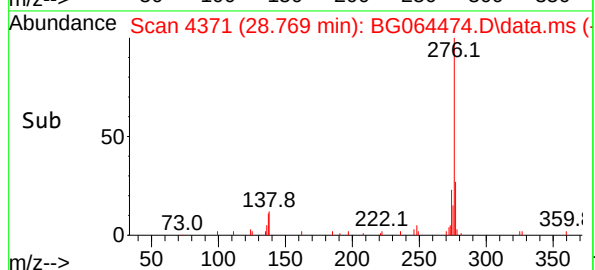
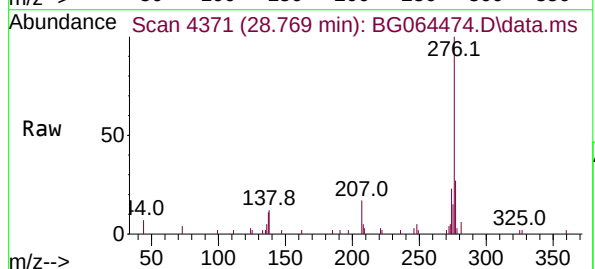
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 4.896 ng  
RT: 28.769 min Scan# 4371  
Delta R.T. 0.002 min  
Lab File: BG064474.D  
Acq: 2 Oct 2025 9:42

Tgt Ion:276 Resp: 45019  
Ion Ratio Lower Upper  
276 100  
277 27.4 17.8 26.6  
138 11.8 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064476.D  
 Acq On : 2 Oct 2025 11:33  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC020

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:47 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.829  | 152  | 19357    | 20.000 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.608 | 136  | 83888    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.451 | 164  | 65289    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.189 | 188  | 165571   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.413 | 240  | 165934   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.392 | 264  | 174482   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.408  | 112  | 40783    | 38.992 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.995  | 99   | 55968    | 39.819 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 63357    | 40.610 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.937 | 330  | 47936    | 40.505 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.070 | 172  | 175754   | 39.679 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.803 | 244  | 354811   | 40.467 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.328  | 88   | 8654     | 20.918 | ng    | 88       |
| 3) Pyridine                   | 3.716  | 79   | 22205    | 19.971 | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.634  | 42   | 15299    | 18.981 | ng    | # 92     |
| 6) Aniline                    | 7.147  | 93   | 35362    | 19.945 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.388  | 128  | 25393    | 19.771 | ng    | 94       |
| 9) Benzaldehyde               | 6.959  | 77   | 20107m   | 16.115 | ng    |          |
| 10) Phenol                    | 7.018  | 94   | 29612    | 19.971 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.247  | 93   | 19393    | 19.313 | ng    | 87       |
| 12) 1,3-Dichlorobenzene       | 7.711  | 146  | 27013    | 19.226 | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 7.858  | 146  | 28112    | 19.936 | ng    | 90       |
| 14) 1,2-Dichlorobenzene       | 8.170  | 146  | 27767    | 19.980 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.058  | 79   | 25165    | 19.441 | ng    | 89       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.340  | 45   | 32082    | 19.821 | ng    | 99       |
| 17) 2-Methylphenol            | 8.264  | 107  | 21032    | 19.589 | ng    | 91       |
| 18) Hexachloroethane          | 8.904  | 117  | 10342    | 18.581 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70   | 19471    | 20.713 | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.593  | 107  | 29225    | 19.505 | ng    | 94       |
| 22) Acetophenone              | 8.640  | 105  | 39987    | 19.687 | ng    | # 91     |
| 24) Nitrobenzene              | 9.016  | 77   | 29530    | 18.981 | ng    | 96       |
| 25) Isophorone                | 9.539  | 82   | 56538    | 20.004 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.727  | 139  | 15208    | 19.641 | ng    | 86       |
| 27) 2,4-Dimethylphenol        | 9.786  | 122  | 23391    | 19.778 | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.021 | 93   | 30279    | 21.017 | ng    | # 92     |
| 29) 2,4-Dichlorophenol        | 10.261 | 162  | 26929    | 19.691 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.473 | 180  | 30204    | 20.255 | ng    | 99       |
| 31) Naphthalene               | 10.661 | 128  | 84975    | 19.671 | ng    | 98       |
| 32) Benzoic acid              | 9.909  | 122  | 16621m   | 18.305 | ng    |          |
| 33) 4-Chloroaniline           | 10.773 | 127  | 31287    | 18.874 | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.949 | 225  | 25803    | 20.205 | ng    | 92       |
| 35) Caprolactam               | 11.525 | 113  | 10044    | 21.453 | ng    | # 83     |
| 36) 4-Chloro-3-methylphenol   | 11.895 | 107  | 32921    | 19.795 | ng    | # 89     |
| 37) 2-Methylnaphthalene       | 12.271 | 142  | 66302    | 19.995 | ng    | 92       |
| 38) 1-Methylnaphthalene       | 12.488 | 142  | 65599m   | 19.840 | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.641 | 216  | 40584    | 19.252 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.623 | 237  | 19309    | 17.510 | ng    | 90       |
| 43) 2,4,6-Trichlorophenol     | 12.876 | 196  | 25830    | 19.167 | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064476.D  
 Acq On : 2 Oct 2025 11:33  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC020

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:47 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.958 | 196  | 28101    | 18.678 | ng    | 89       |
| 46) 1,1'-Biphenyl             | 13.281 | 154  | 92485    | 19.695 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.323 | 162  | 68272    | 19.473 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.522 | 65   | 24212    | 20.234 | ng    | 91       |
| 49) Acenaphthylene            | 14.169 | 152  | 102668   | 19.727 | ng    | 98       |
| 50) Dimethylphthalate         | 13.904 | 163  | 103311   | 20.204 | ng    | 96       |
| 51) 2,6-Dinitrotoluene        | 14.022 | 165  | 21899    | 20.559 | ng    | 93       |
| 52) Acenaphthene              | 14.515 | 154  | 70884    | 19.604 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.351 | 138  | 19604    | 19.956 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.562 | 184  | 17644    | 22.843 | ng    | # 77     |
| 55) Dibenzofuran              | 14.850 | 168  | 117496   | 19.680 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.668 | 139  | 14837    | 19.183 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 14.809 | 165  | 31862    | 19.567 | ng    | 97       |
| 58) Fluorene                  | 15.496 | 166  | 100209   | 20.190 | ng    | # 97     |
| 59) 2,3,4,6-Tetrachlorophenol | 15.079 | 232  | 31023    | 20.205 | ng    | # 97     |
| 60) Diethylphthalate          | 15.273 | 149  | 109604   | 19.981 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.491 | 204  | 54751    | 20.205 | ng    | 92       |
| 62) 4-Nitroaniline            | 15.508 | 138  | 21595    | 21.091 | ng    | # 88     |
| 63) Azobenzene                | 15.784 | 77   | 86539    | 20.370 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.579 | 198  | 22989    | 19.942 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.708 | 169  | 88367    | 19.986 | ng    | 94       |
| 67) 4-Bromophenyl-phenylether | 16.384 | 248  | 37623    | 19.310 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.501 | 284  | 45002    | 20.185 | ng    | 99       |
| 69) Atrazine                  | 16.654 | 200  | 40855    | 20.769 | ng    | 98       |
| 70) Pentachlorophenol         | 16.842 | 266  | 24237    | 18.593 | ng    | 93       |
| 71) Phenanthrene              | 17.230 | 178  | 174598   | 20.165 | ng    | 98       |
| 72) Anthracene                | 17.324 | 178  | 172893   | 19.904 | ng    | 97       |
| 73) Carbazole                 | 17.588 | 167  | 149710   | 19.939 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.158 | 149  | 182903   | 19.955 | ng    | 99       |
| 75) Fluoranthene              | 19.239 | 202  | 210637   | 20.363 | ng    | 98       |
| 77) Benzidine                 | 19.421 | 184  | 70399    | 17.050 | ng    | 99       |
| 78) Pyrene                    | 19.603 | 202  | 218448   | 20.286 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.496 | 149  | 77010    | 20.174 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.395 | 228  | 213165   | 20.119 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.319 | 252  | 71567    | 19.958 | ng    | 99       |
| 83) Chrysene                  | 21.454 | 228  | 198263   | 19.732 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.319 | 149  | 106271   | 19.731 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.441 | 149  | 174229   | 19.247 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.735 | 276  | 240423   | 19.796 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.446 | 252  | 204393   | 20.591 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.511 | 252  | 199853   | 19.991 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.245 | 252  | 184712   | 20.191 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.782 | 278  | 195555   | 20.134 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene      | 28.769 | 276  | 189789   | 20.108 | ng    | # 95     |

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

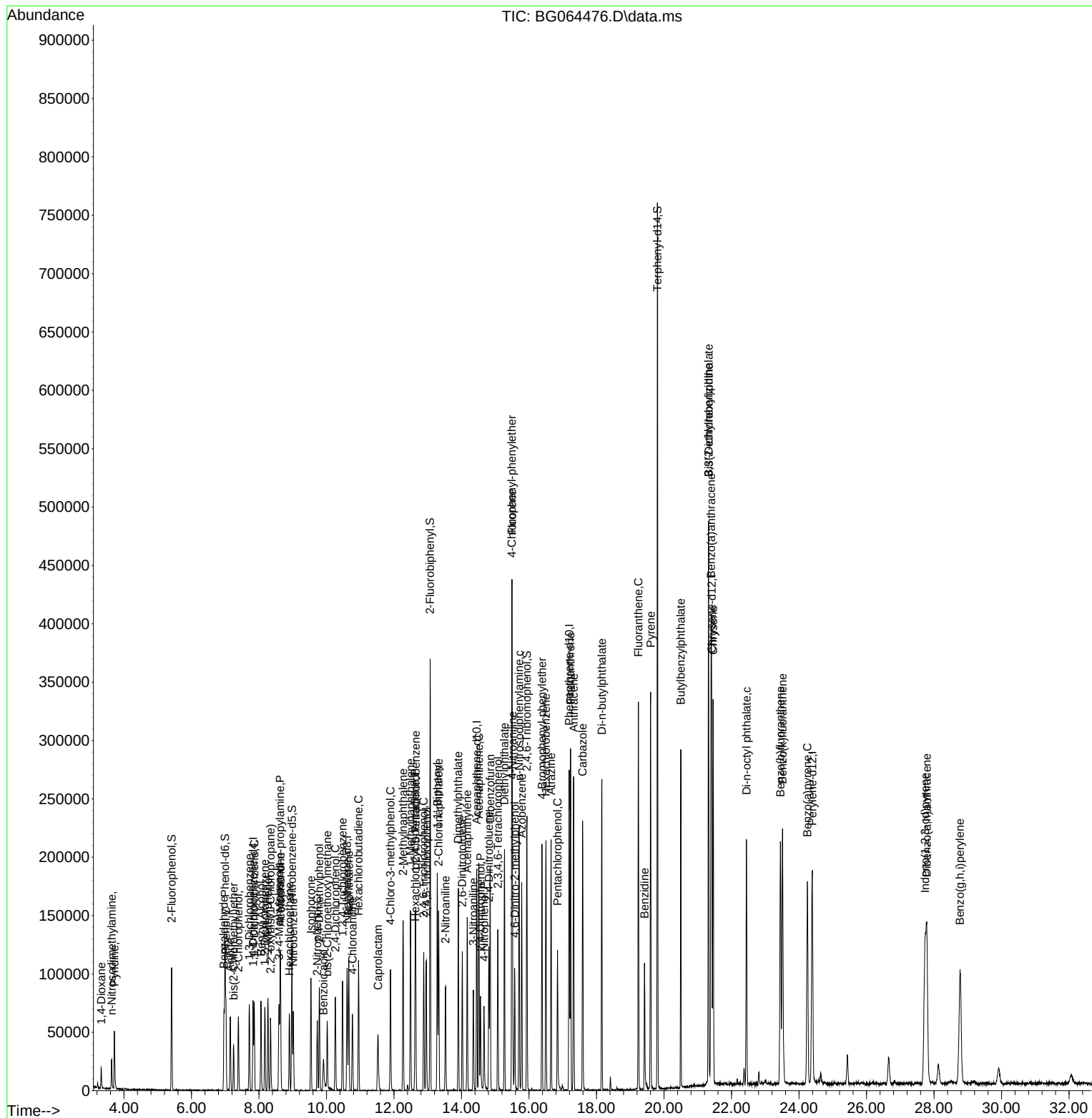
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
Data File : BG064476.D  
Acq On : 2 Oct 2025 11:33  
Operator : RC/JU  
Sample : SSTDICC020  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

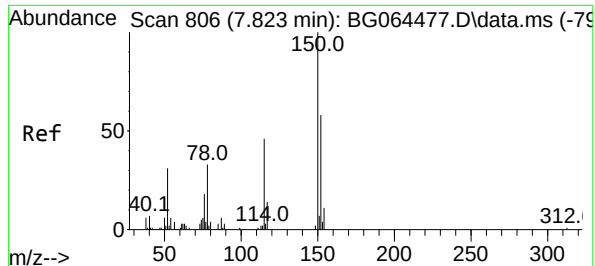
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC020

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

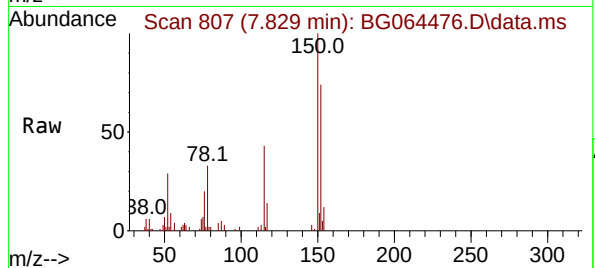
Quant Time: Oct 02 16:52:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.829 min Scan# 80  
Delta R.T. 0.009 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

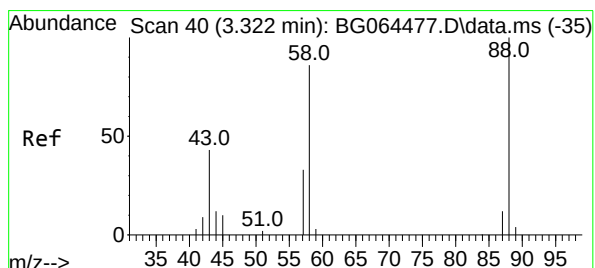
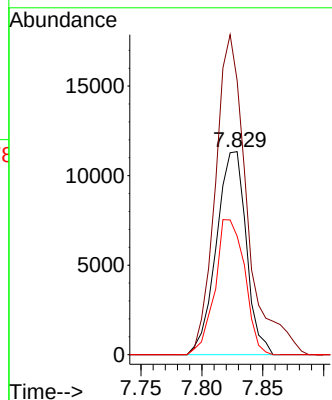
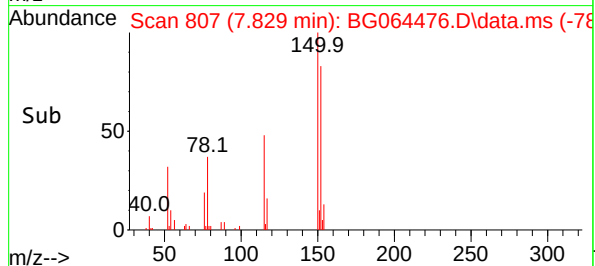
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:152 Resp: 1935  
Ion Ratio Lower Upper  
152 100  
150 134.9 138.6 207.8  
115 58.4 63.4 95.2

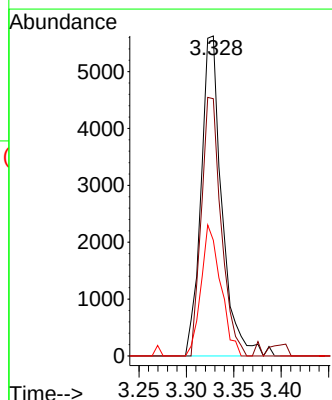
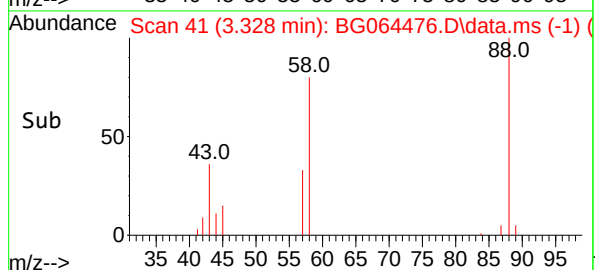
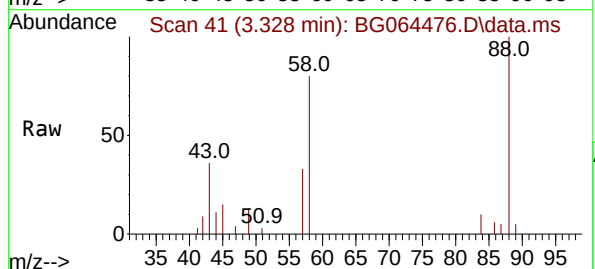
Manual Integrations  
APPROVED

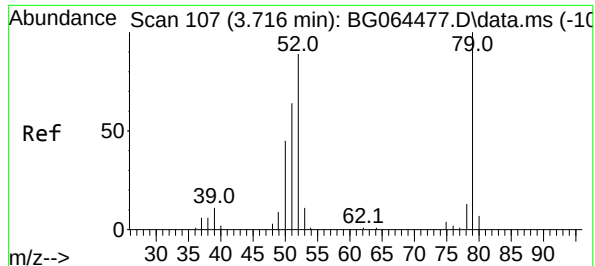
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#2  
1,4-Dioxane  
Concen: 20.918 ng  
RT: 3.328 min Scan# 41  
Delta R.T. 0.009 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

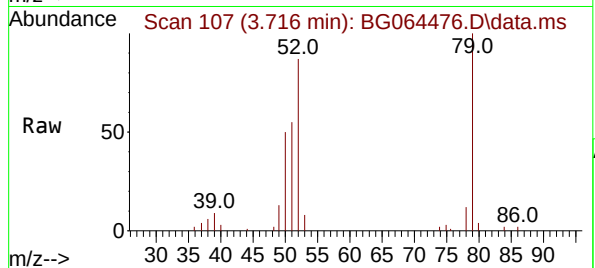
Tgt Ion: 88 Resp: 8654  
Ion Ratio Lower Upper  
88 100  
58 76.5 69.8 104.6  
43 38.5 37.4 56.0





#3  
Pyridine  
Concen: 19.971 ng  
RT: 3.716 min Scan# 107  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

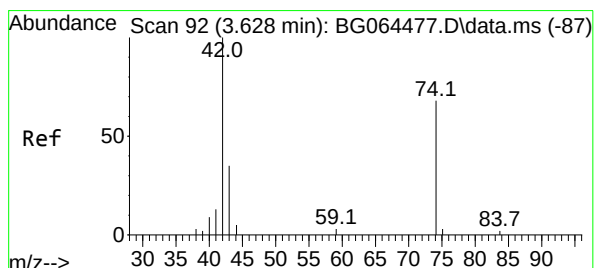
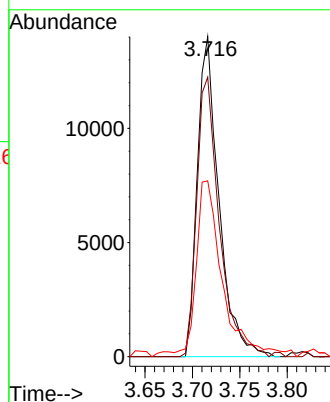
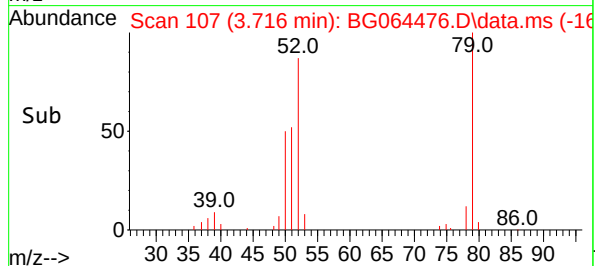


Tgt Ion: 79 Resp: 2220  
Ion Ratio Lower Upper  
79 100  
52 87.3 71.0 106.4  
51 54.9 51.0 76.6

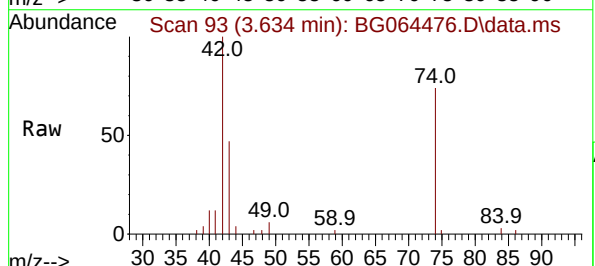
Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli  
10/03/2025

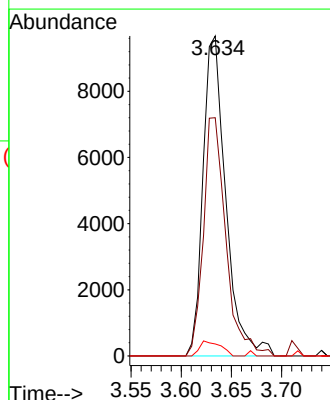
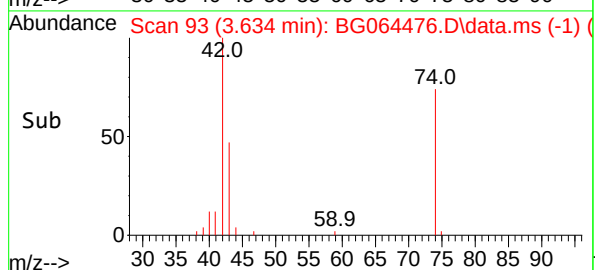
Supervised By :Jagrut  
Upadhyay  
10/03/2025

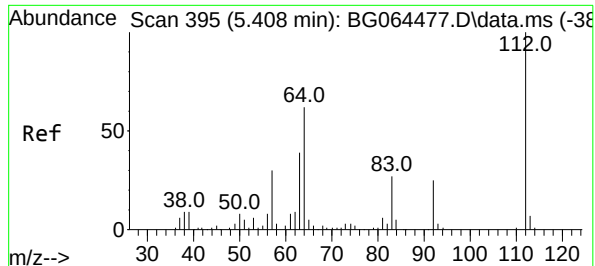


#4  
n-Nitrosodimethylamine  
Concen: 18.981 ng  
RT: 3.634 min Scan# 93  
Delta R.T. 0.009 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33



Tgt Ion: 42 Resp: 15299  
Ion Ratio Lower Upper  
42 100  
74 74.5 54.2 81.4  
44 3.7 4.2 6.2#





#5

2-Fluorophenol

Concen: 38.992 ng

RT: 5.408 min Scan# 395

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:112 Resp: 4078

Ion Ratio Lower Upper

112 100

64 51.7 49.8 74.8

63 40.4 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul

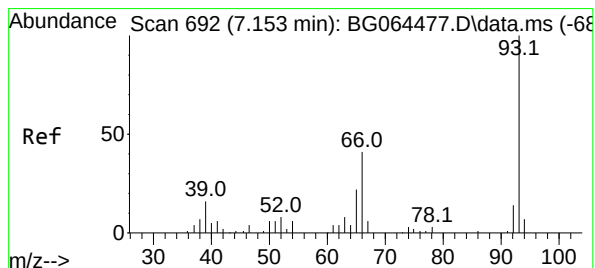
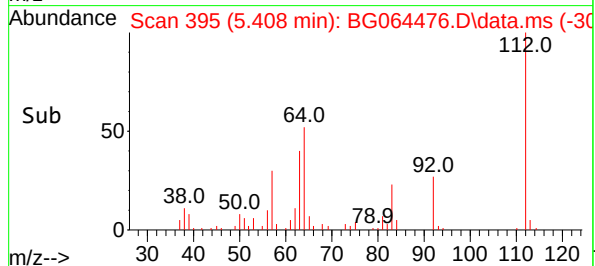
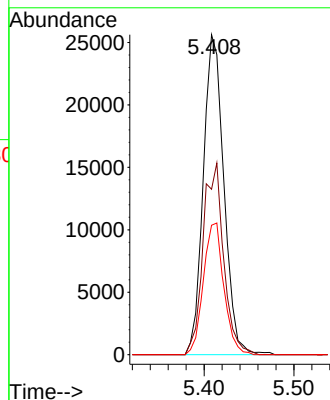
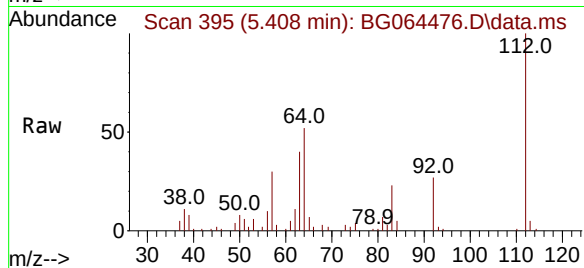
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#6

Aniline

Concen: 19.945 ng

RT: 7.147 min Scan# 691

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

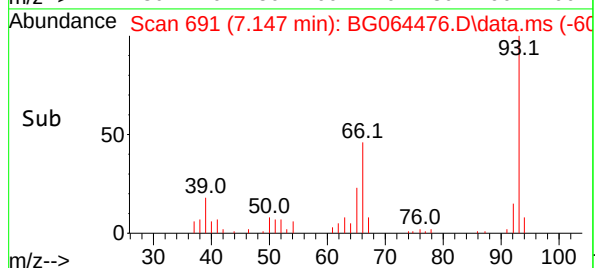
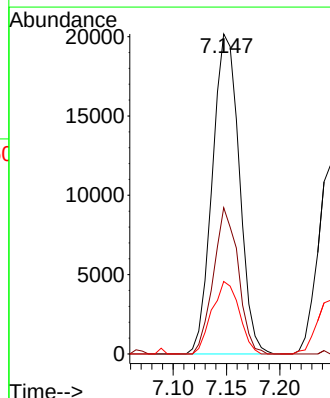
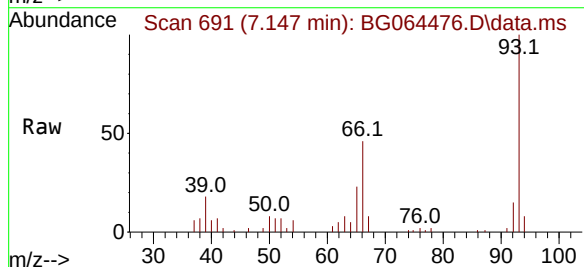
Tgt Ion: 93 Resp: 35362

Ion Ratio Lower Upper

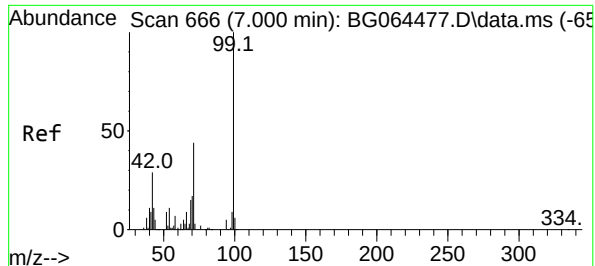
93 100

66 45.7 33.0 49.4

65 22.7 17.5 26.3

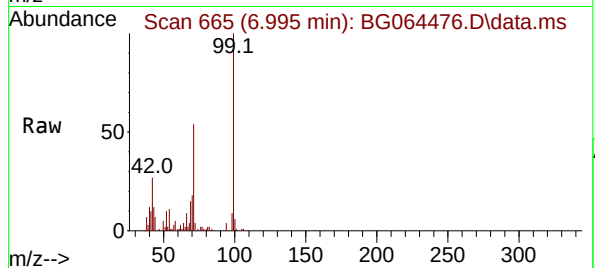






#7  
Phenol-d6  
Concen: 39.819 ng  
RT: 6.995 min Scan# 60  
Delta R.T. 0.009 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

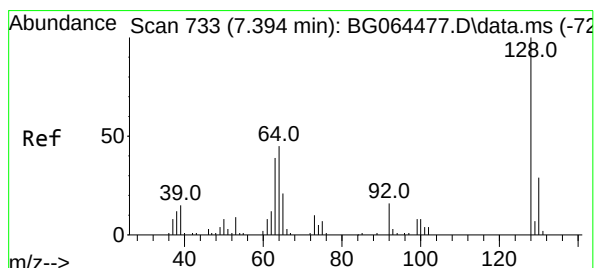
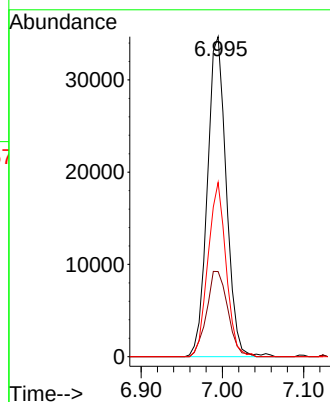
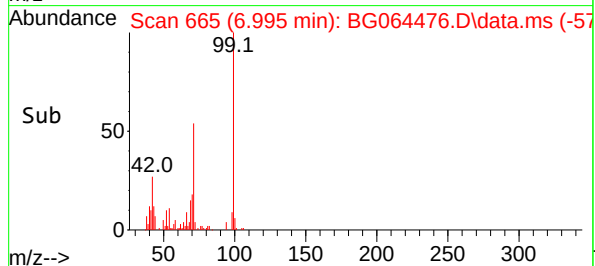


Tgt Ion: 99 Resp: 5596  
Ion Ratio Lower Upper  
99 100  
42 26.6 22.9 34.3  
71 54.5 35.4 53.2

Manual Integrations  
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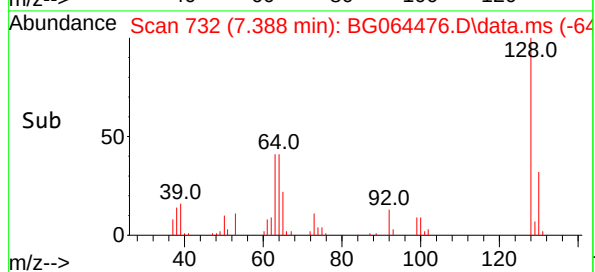
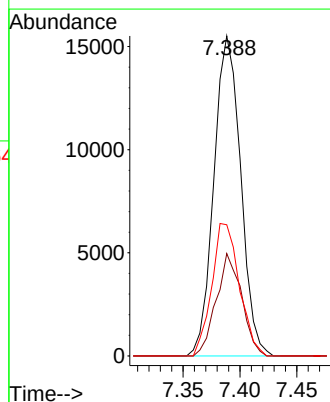
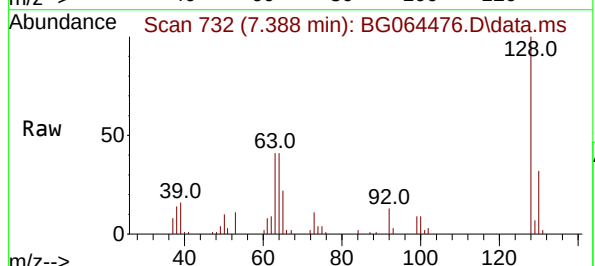
Reviewed By :Rahul  
Chavli  
10/03/2025

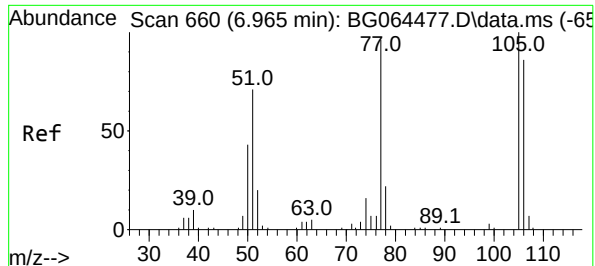
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#8  
2-Chlorophenol  
Concen: 19.771 ng  
RT: 7.388 min Scan# 732  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:128 Resp: 25393  
Ion Ratio Lower Upper  
128 100  
130 32.0 9.2 49.2  
64 41.0 25.5 65.5





#9

Benzaldehyde

Concen: 16.115 ng m

RT: 6.959 min Scan# 61

Delta R.T. -0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 2010

Ion Ratio Lower Upper

77 100

105 86.5 83.7 123.7

106 83.3 69.4 109.4

Manual Integrations

APPROVED

Reviewed By :Rahul

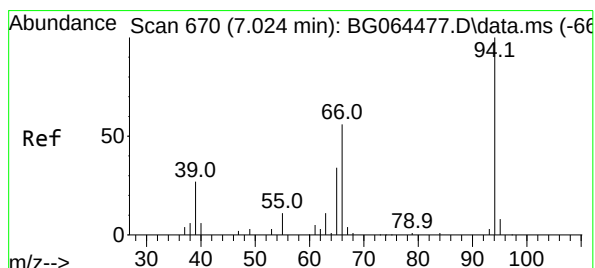
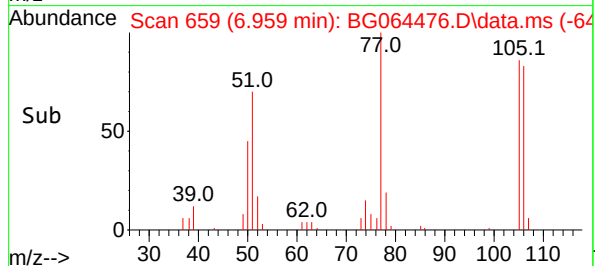
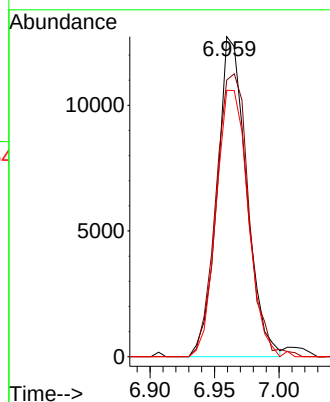
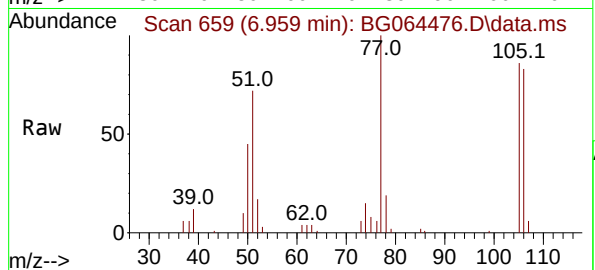
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#10

Phenol

Concen: 19.971 ng

RT: 7.018 min Scan# 669

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

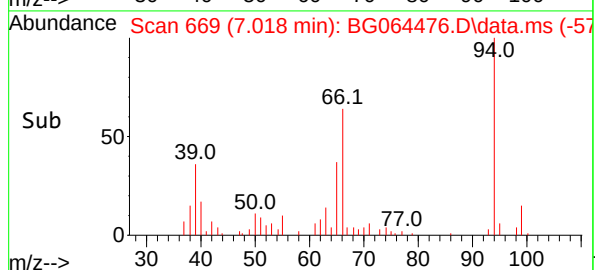
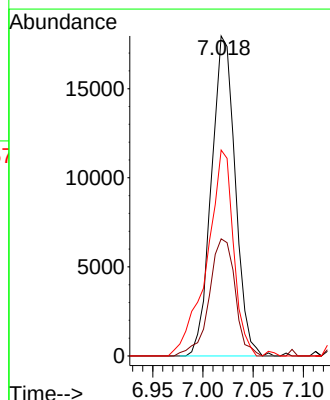
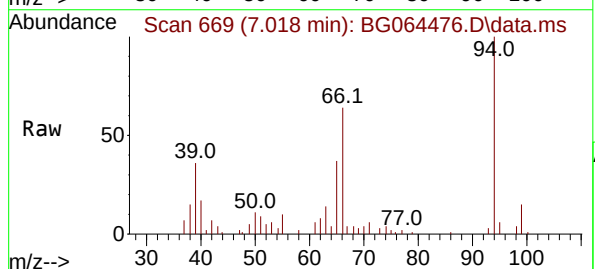
Tgt Ion: 94 Resp: 29612

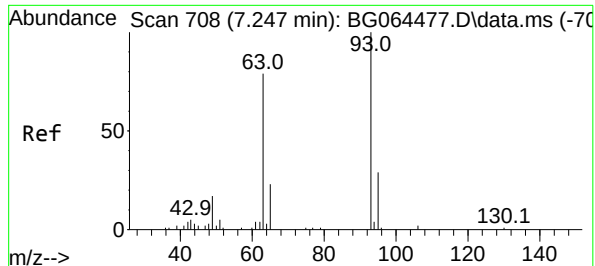
Ion Ratio Lower Upper

94 100

65 36.6 14.8 54.8

66 64.3 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 19.313 ng

RT: 7.247 min Scan# 708

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 1939

Ion Ratio Lower Upper

93 100

63 92.5 59.5 99.5

95 32.9 8.8 48.8

Manual Integrations

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Reviewed By :Rahul

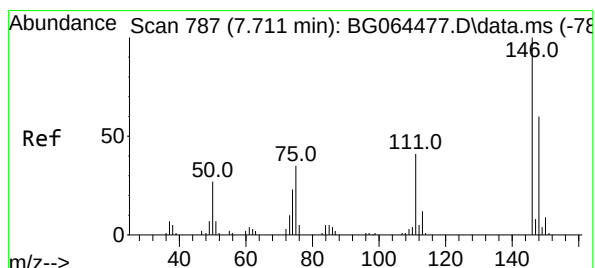
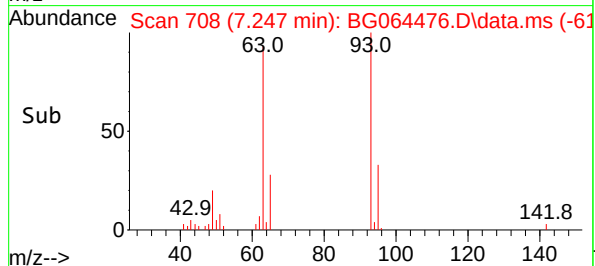
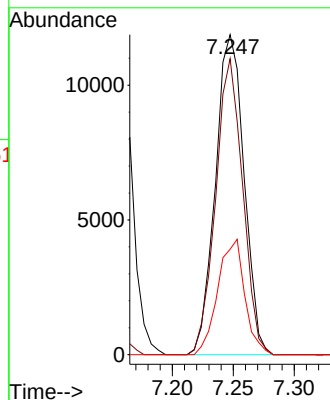
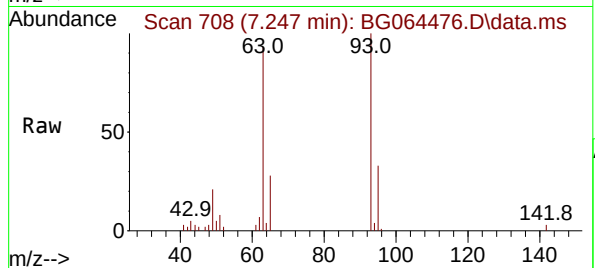
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#12

1,3-Dichlorobenzene

Concen: 19.226 ng

RT: 7.711 min Scan# 787

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

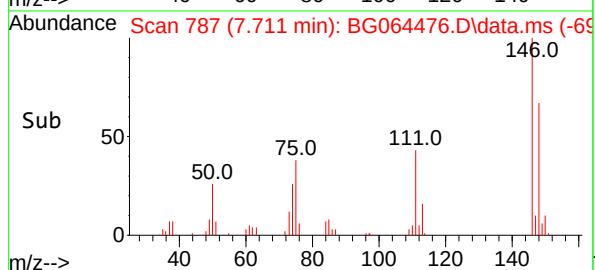
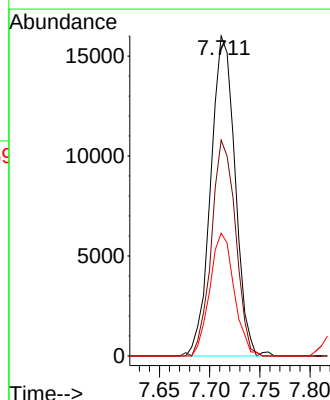
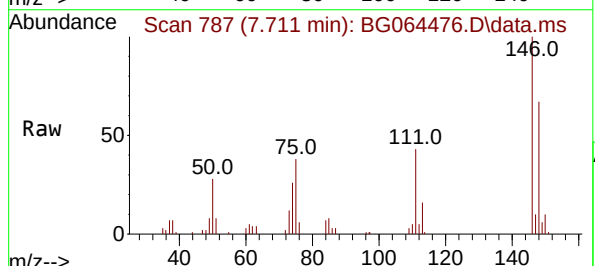
Tgt Ion:146 Resp: 27013

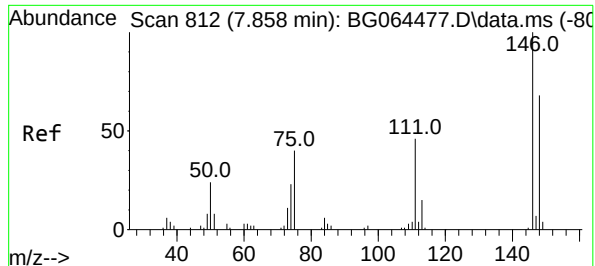
Ion Ratio Lower Upper

146 100

148 67.4 48.4 72.6

75 38.4 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 19.936 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 2811

Ion Ratio Lower Upper

146 100

148 56.7 54.4 81.6

111 42.7 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul

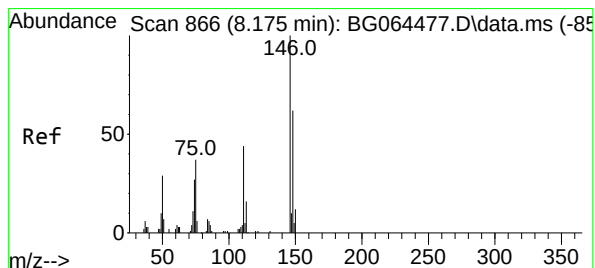
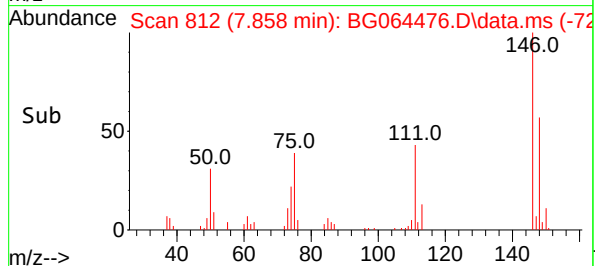
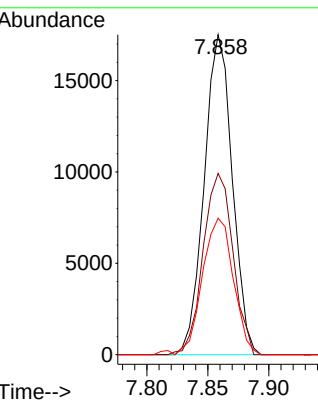
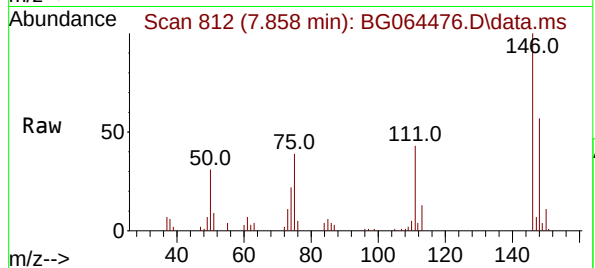
Chavli

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Supervised By :Jagrut

Upadhyay

10/03/2025



#14

1,2-Dichlorobenzene

Concen: 19.980 ng

RT: 8.170 min Scan# 865

Delta R.T. -0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

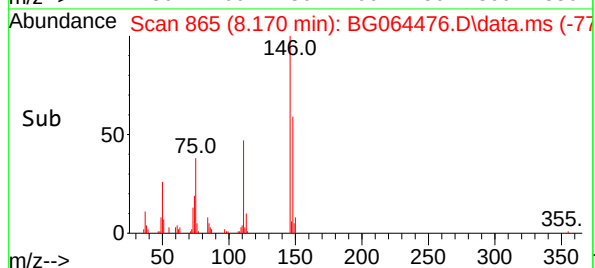
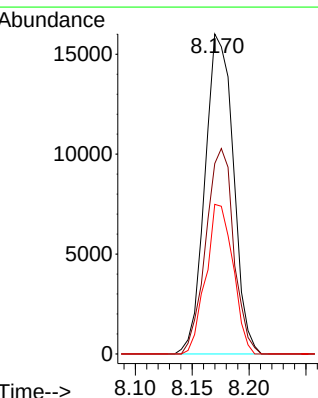
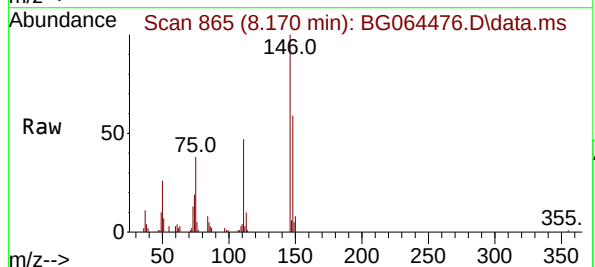
Tgt Ion:146 Resp: 27767

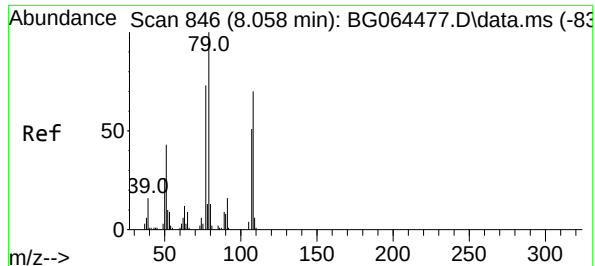
Ion Ratio Lower Upper

146 100

148 59.5 50.0 75.0

111 46.8 35.0 52.4





#15

Benzyl Alcohol

Concen: 19.441 ng

RT: 8.058 min Scan# 846

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 2516

Ion Ratio Lower Upper

79 100

108 62.0 56.4 84.6

77 62.4 58.3 87.5

Manual Integrations

APPROVED

Reviewed By :Rahul

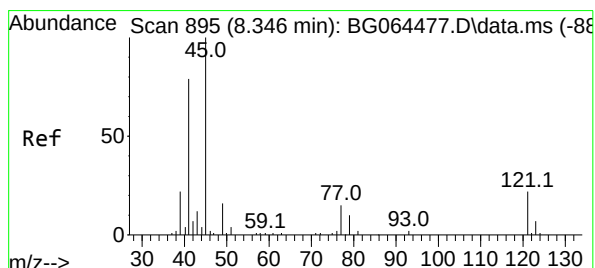
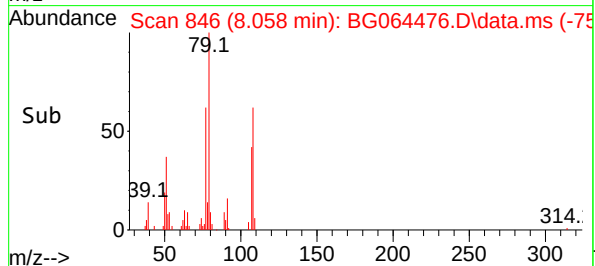
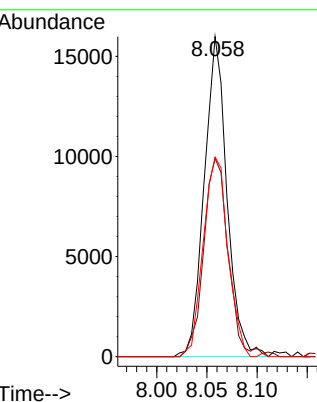
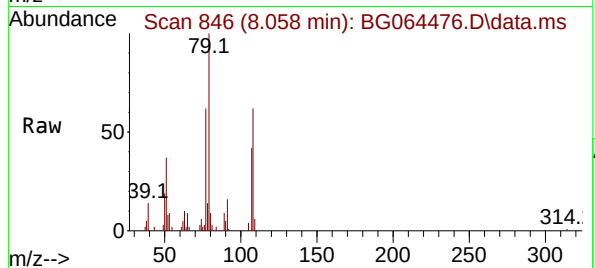
Chavli

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.821 ng

RT: 8.340 min Scan# 894

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

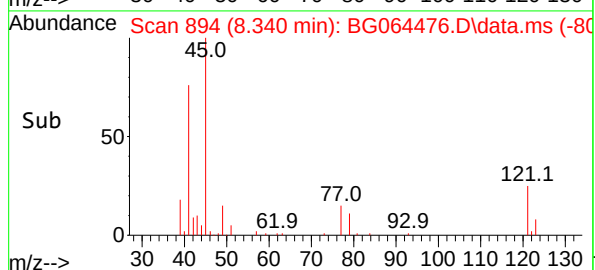
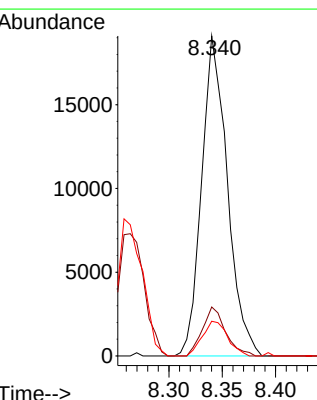
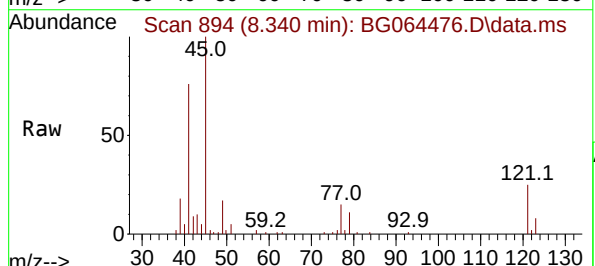
Tgt Ion: 45 Resp: 32082

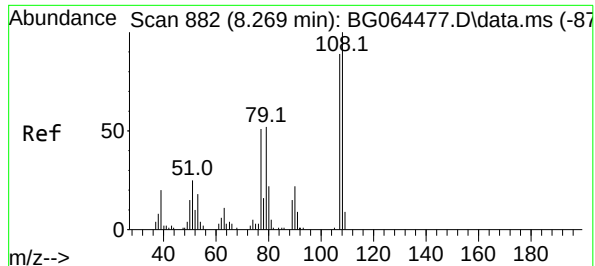
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.6

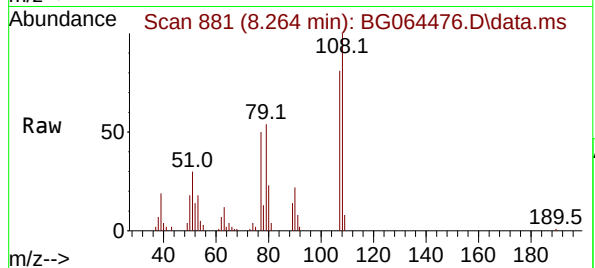
79 10.9 0.0 30.7





#17  
2-Methylphenol  
Concen: 19.589 ng  
RT: 8.264 min Scan# 881  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

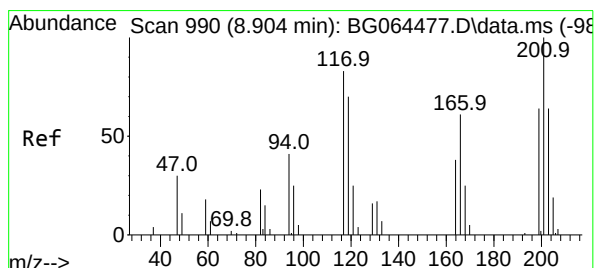
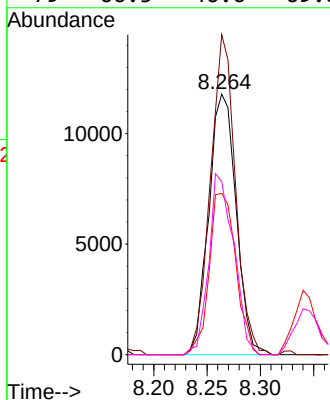
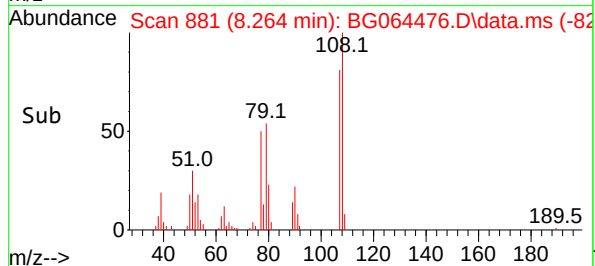


Tgt Ion:107 Resp: 2103  
Ion Ratio Lower Upper  
107 100  
108 122.8 90.3 135.5  
77 61.9 46.0 69.0  
79 66.5 46.6 69.8

Manual Integrations  
APPROVED

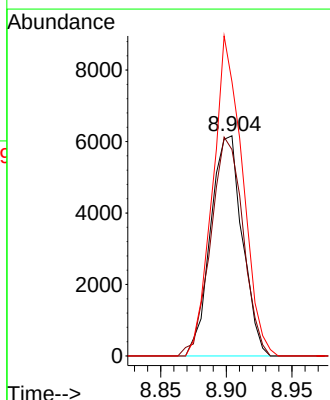
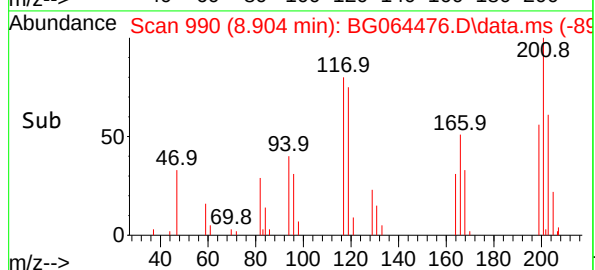
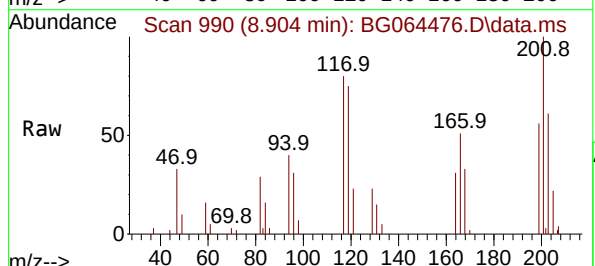
Reviewed By :Rahul  
Chavli  
10/03/2025

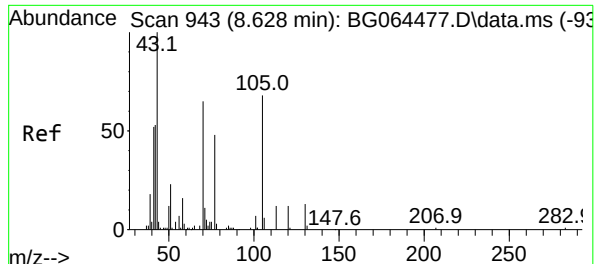
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#18  
Hexachloroethane  
Concen: 18.581 ng  
RT: 8.904 min Scan# 990  
Delta R.T. 0.009 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:117 Resp: 10342  
Ion Ratio Lower Upper  
117 100  
119 93.7 67.4 101.0  
201 124.6 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.713 ng

RT: 8.622 min Scan# 943

Delta R.T. 0.009 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 1947

Ion Ratio Lower Upper

70 100

42 73.2 64.9 97.3

101 9.2 8.7 13.1

130 19.3 15.8 23.8

Manual Integrations

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Reviewed By :Rahul

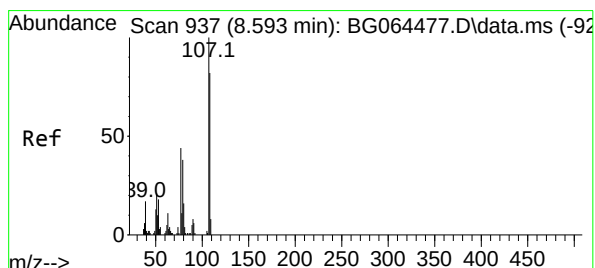
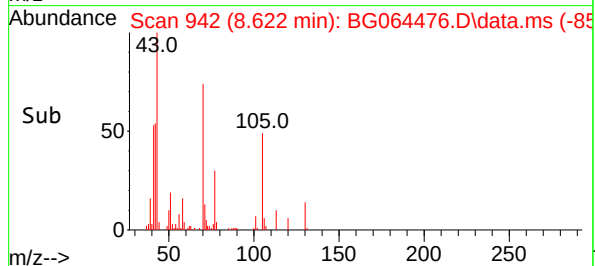
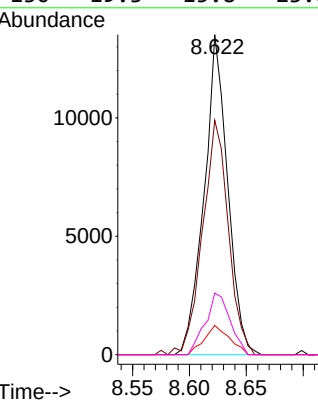
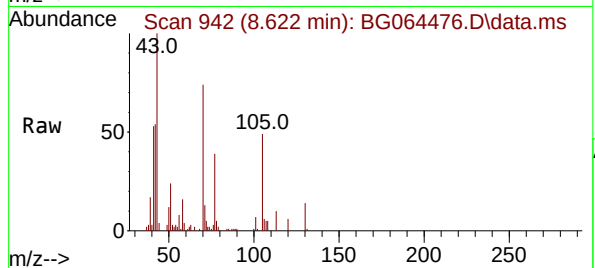
Chavli

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#20

3+4-Methylphenols

Concen: 19.505 ng

RT: 8.593 min Scan# 937

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:107 Resp: 29225

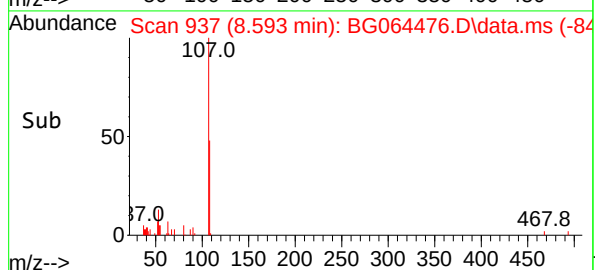
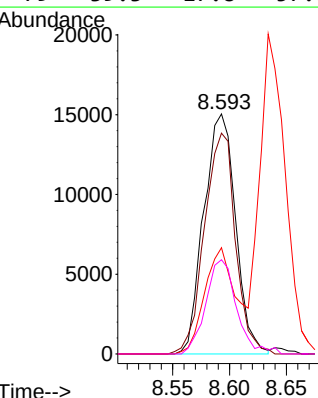
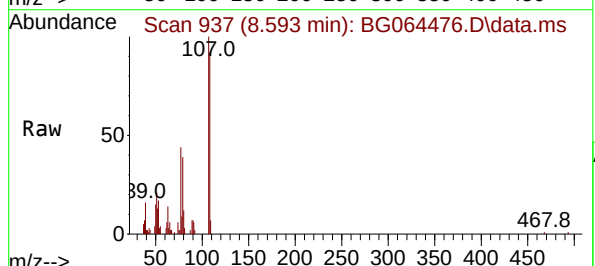
Ion Ratio Lower Upper

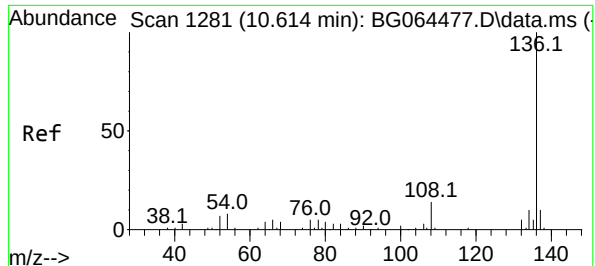
107 100

108 92.0 62.1 102.1

77 44.3 23.5 63.5

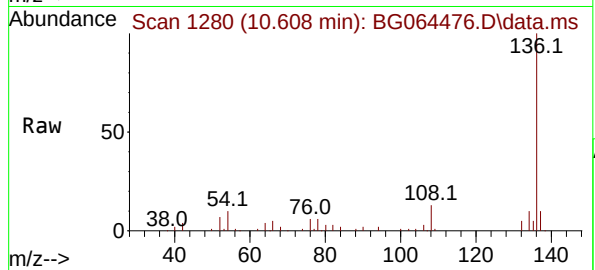
79 39.3 17.8 57.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.608 min Scan# 1281  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



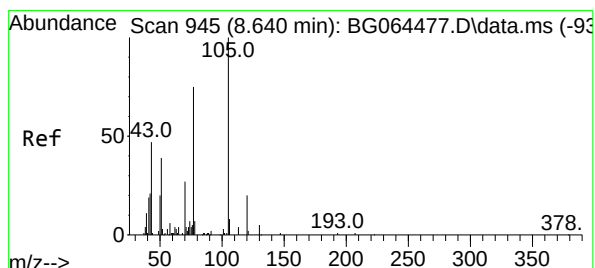
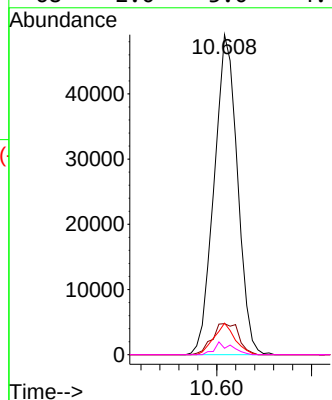
Tgt Ion:136 Resp: 8388  
Ion Ratio Lower Upper  
136 100  
137 9.7 8.3 12.5  
54 9.8 6.2 9.4  
68 2.0 3.0 4.4

Manual Integrations  
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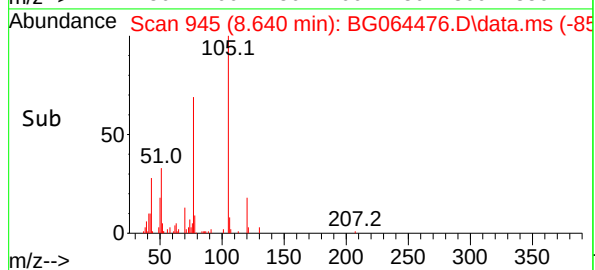
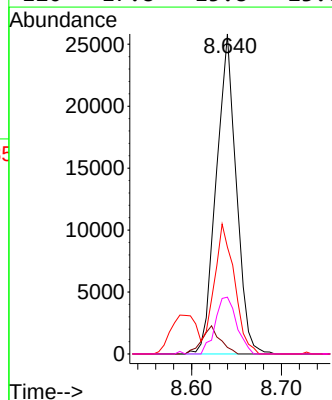
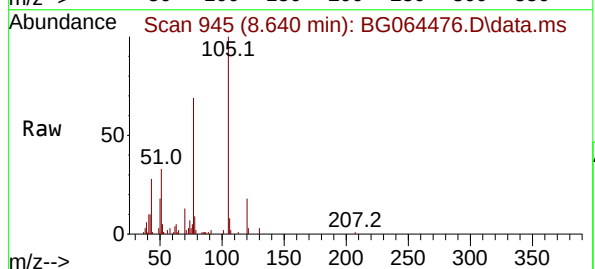
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Upadhyay  
10/03/2025

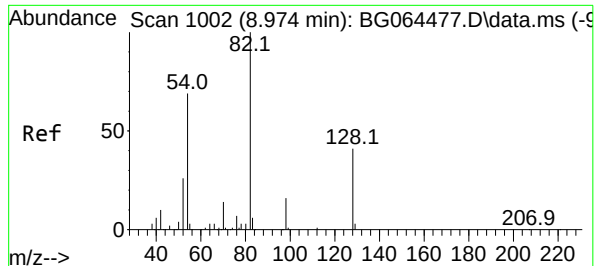


#22  
Acetophenone  
Concen: 19.687 ng  
RT: 8.640 min Scan# 945  
Delta R.T. 0.009 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:105 Resp: 39987  
Ion Ratio Lower Upper  
105 100  
71 2.1 2.8 4.2#  
51 33.4 33.0 49.4  
120 17.8 15.8 23.6







#23

Nitrobenzene-d5

Concen: 40.610 ng

RT: 8.975 min Scan# 1002

Delta R.T. 0.009 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 6335

Ion Ratio Lower Upper

82 100

128 38.4 33.1 49.7

54 66.0 55.4 83.2

Manual Integrations

APPROVED

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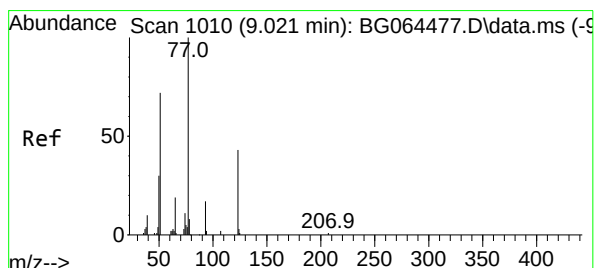
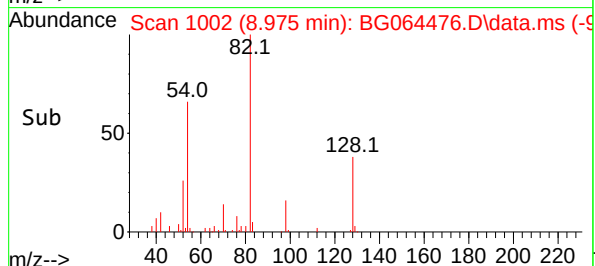
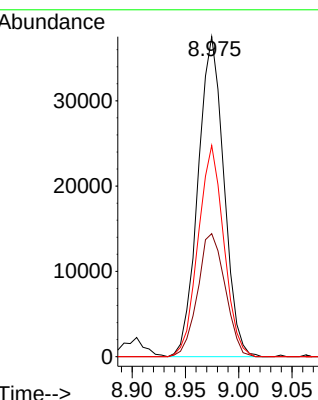
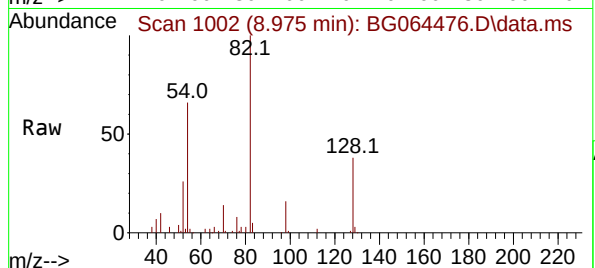
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#24

Nitrobenzene

Concen: 18.981 ng

RT: 9.016 min Scan# 1009

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

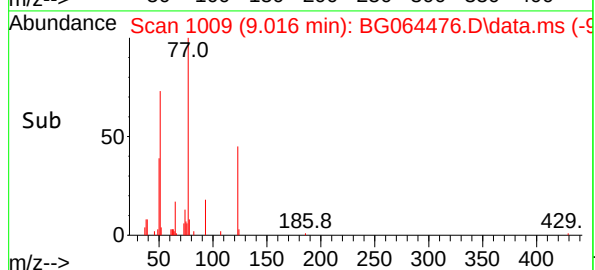
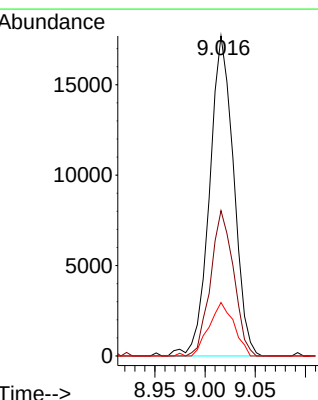
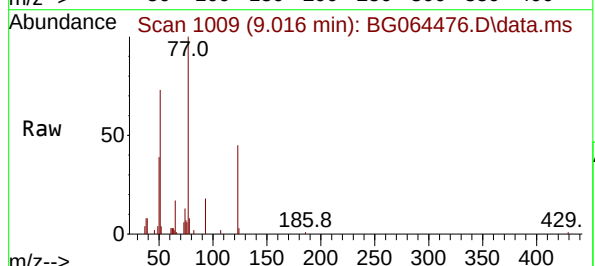
Tgt Ion: 77 Resp: 29530

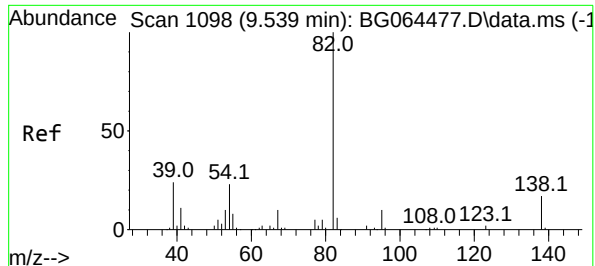
Ion Ratio Lower Upper

77 100

123 45.4 34.4 51.6

65 16.7 14.8 22.2





#25

Isophorone

Concen: 20.004 ng

RT: 9.539 min Scan# 1098

Delta R.T. 0.008 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 5653

Ion Ratio Lower Upper

82 100

95 10.4 7.8 11.8

138 18.3 13.8 20.6

Manual Integrations

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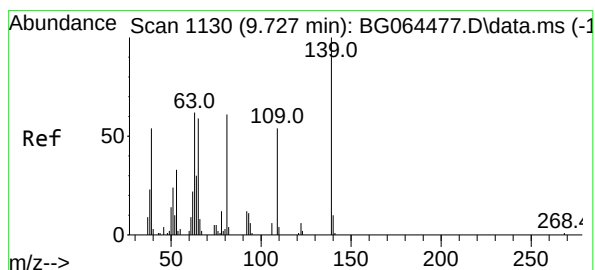
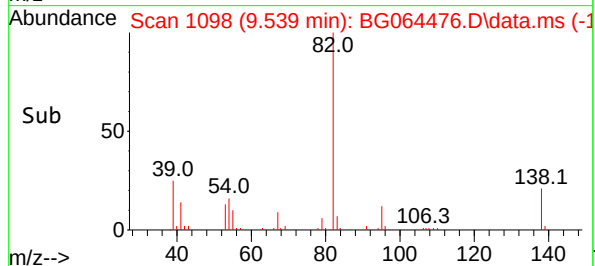
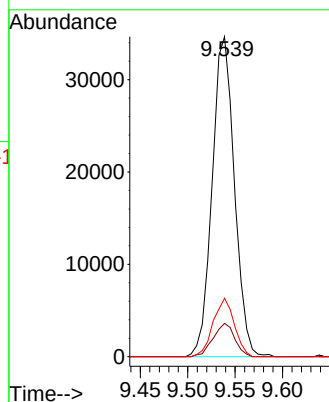
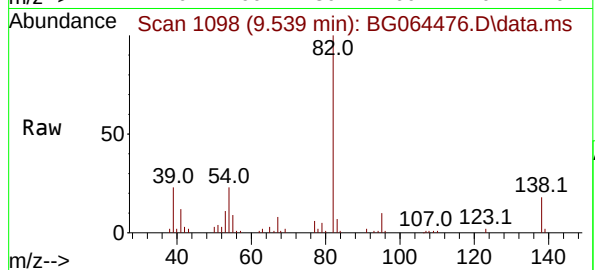
Chavli

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#26

2-Nitrophenol

Concen: 19.641 ng

RT: 9.727 min Scan# 1130

Delta R.T. 0.008 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

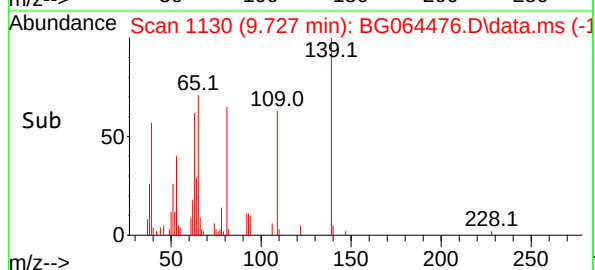
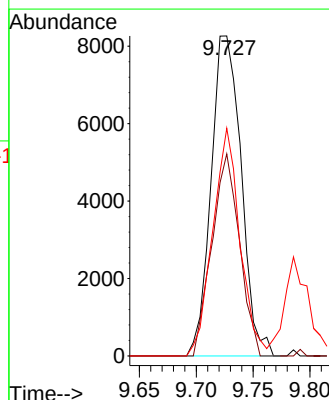
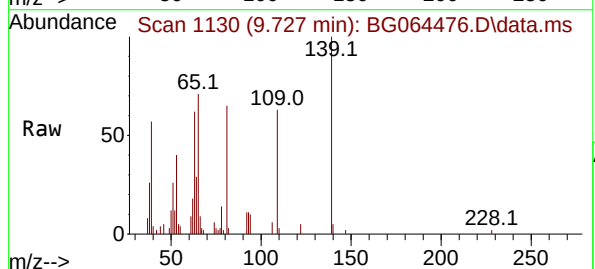
Tgt Ion:139 Resp: 15208

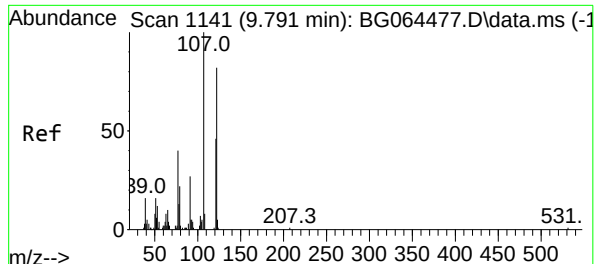
Ion Ratio Lower Upper

139 100

109 63.2 43.0 64.6

65 71.2 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 19.778 ng

RT: 9.786 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 2339

Ion Ratio Lower Upper

122 100

107 135.4 98.3 147.5

121 52.5 44.7 67.1

Manual Integrations

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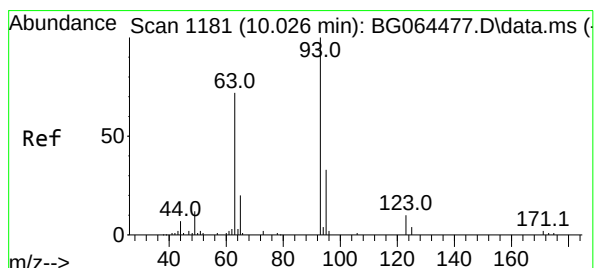
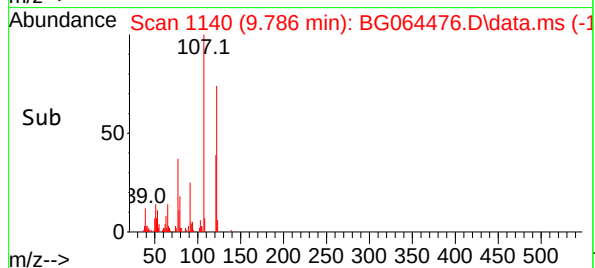
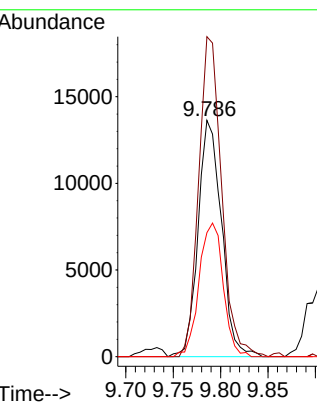
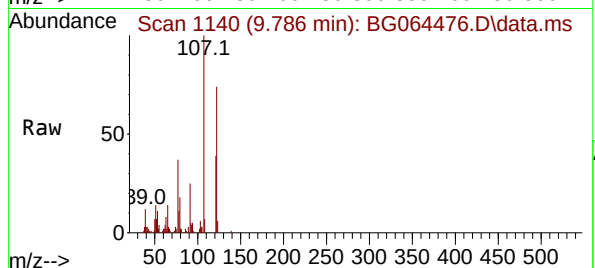
Chavli

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Upadhyay

10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 21.017 ng

RT: 10.021 min Scan# 1180

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

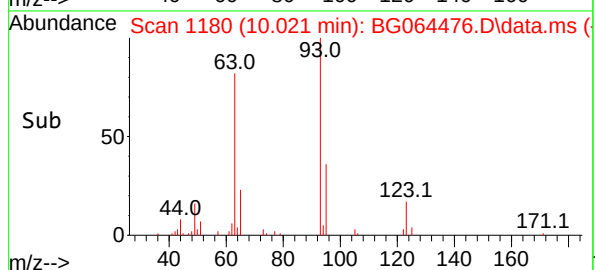
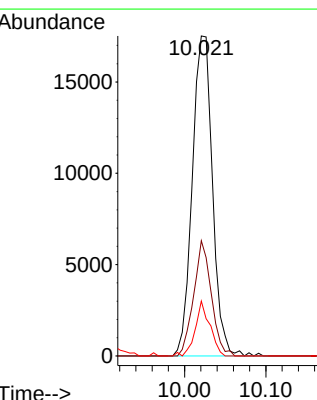
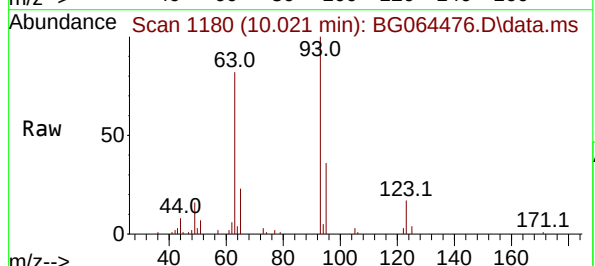
Tgt Ion: 93 Resp: 30279

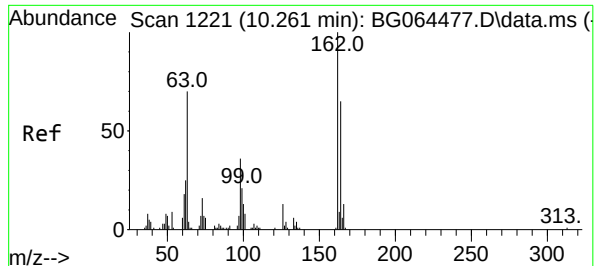
Ion Ratio Lower Upper

93 100

95 36.0 26.5 39.7

123 17.2 8.9 13.3#





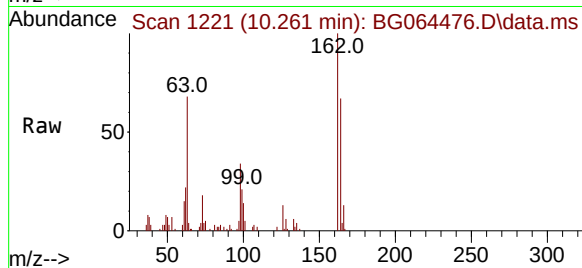
#29  
2,4-Dichlorophenol  
Concen: 19.691 ng  
RT: 10.261 min Scan# 1221  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020



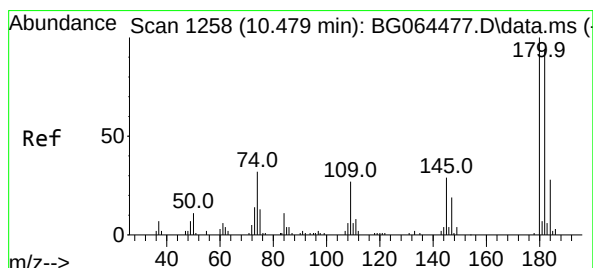
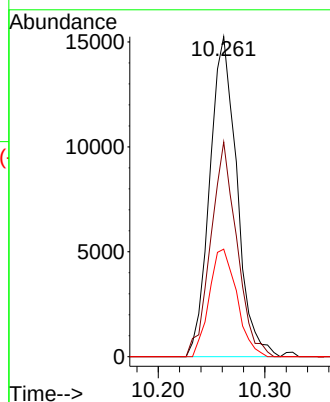
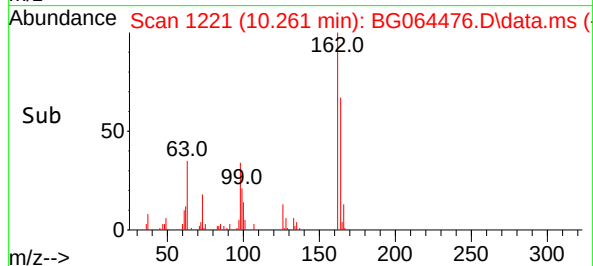
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.1  | 45.4  | 85.4  |
| 98      | 33.6  | 16.4  | 56.4  |

Manual Integrations  
**APPROVED**

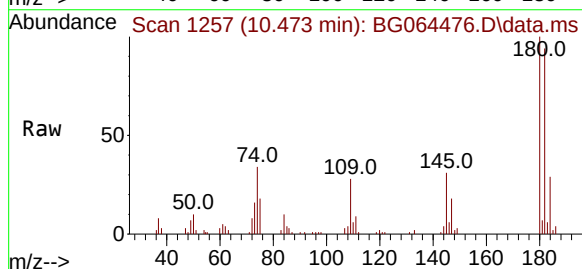
Reviewed By :Rahul  
Chavli

10/03/2025

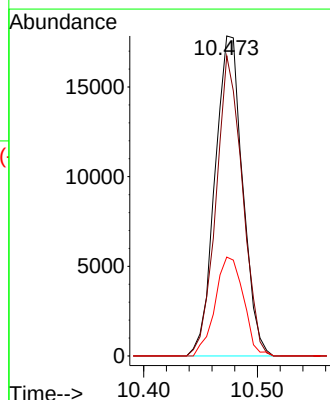
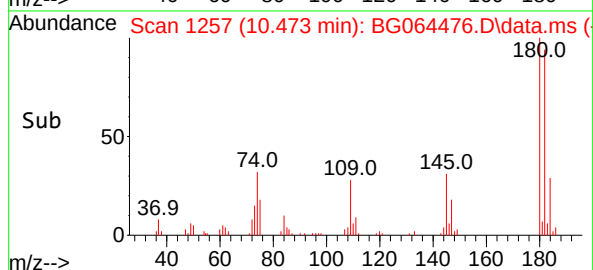
Supervised By :Jagrut  
Upadhyay  
10/03/2025

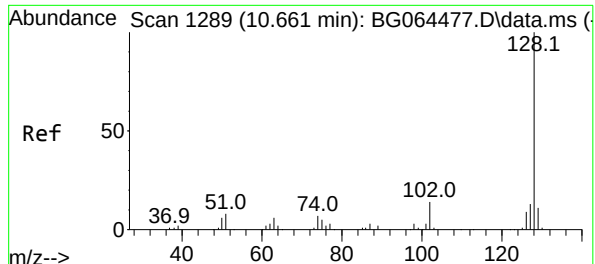


#30  
1,2,4-Trichlorobenzene  
Concen: 20.255 ng  
RT: 10.473 min Scan# 1257  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33



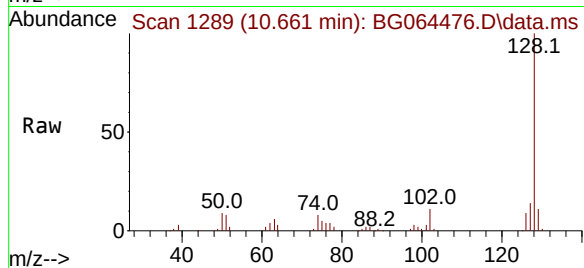
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.8  | 75.4  | 113.2 |
| 145     | 30.9  | 23.2  | 34.8  |





#31  
Naphthalene  
Concen: 19.671 ng  
RT: 10.661 min Scan# 1161  
Delta R.T. 0.009 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
Client Sample Id :  
SSTDICC020

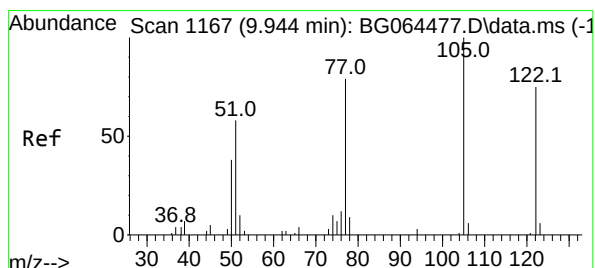
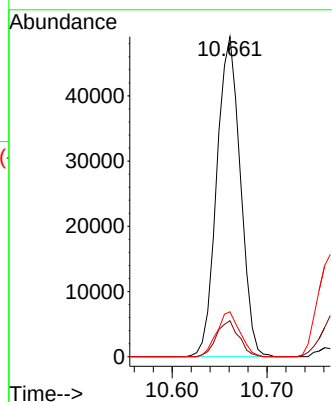


Tgt Ion:128 Resp: 8497  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 14.0 10.2 15.2

Manual Integrations  
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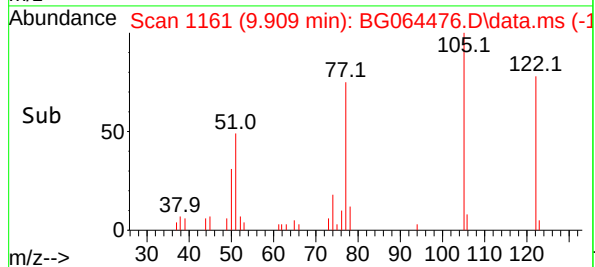
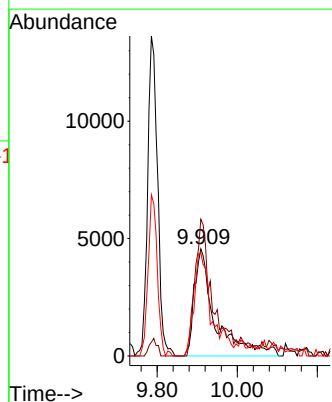
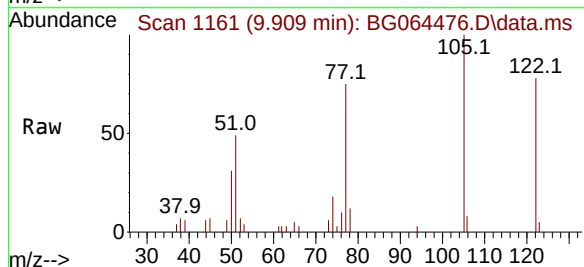
Reviewed By :Rahul  
Chavli  
10/03/2025

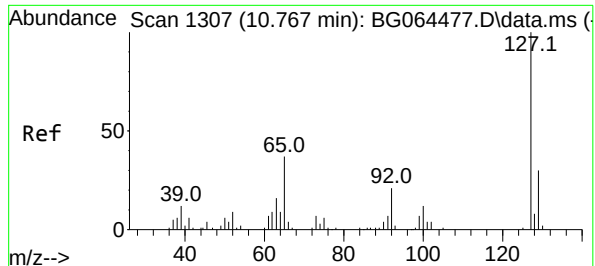
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#32  
Benzoic acid  
Concen: 18.305 ng m  
RT: 9.909 min Scan# 1161  
Delta R.T. 0.020 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

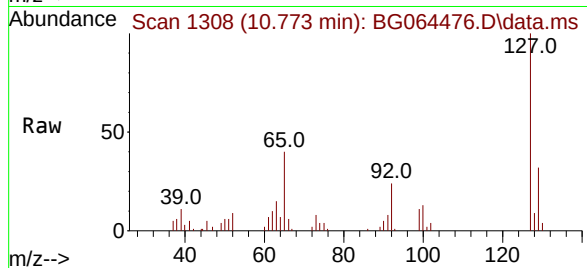
Tgt Ion:122 Resp: 16621  
Ion Ratio Lower Upper  
122 100  
105 127.6 113.9 153.9  
77 96.3 86.1 126.1





#33  
4-Chloroaniline  
Concen: 18.874 ng  
RT: 10.773 min Scan# 1307  
Delta R.T. 0.009 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

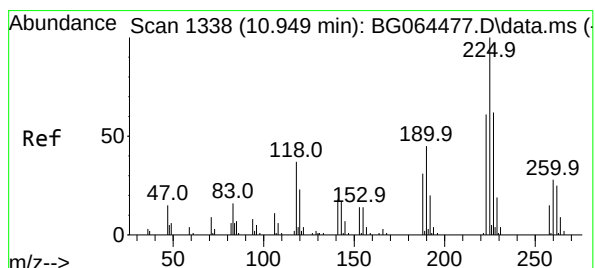
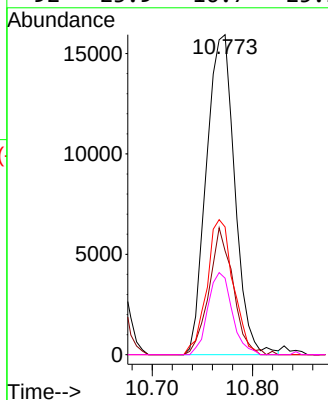
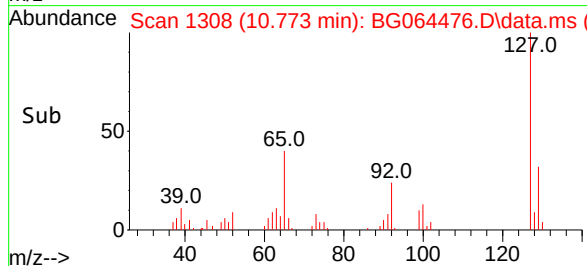


Tgt Ion:127 Resp: 3128  
Ion Ratio Lower Upper  
127 100  
129 32.5 24.2 36.4  
65 39.9 29.6 44.4  
92 23.9 16.7 25.1

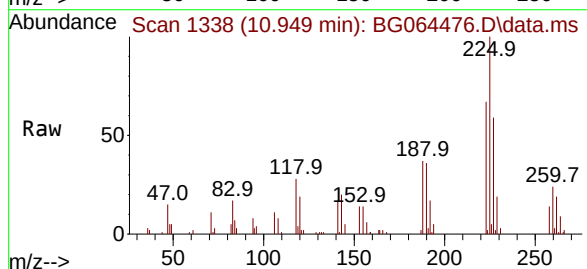
Manual Integrations  
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Reviewed By :Rahul  
Chavli  
10/03/2025

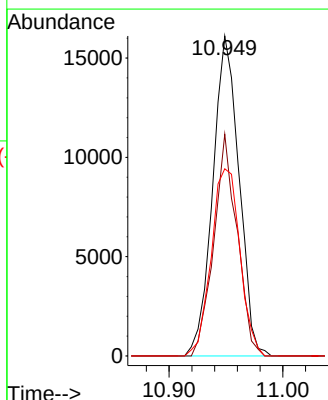
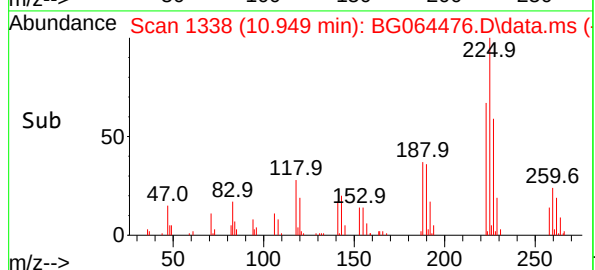
Supervised By :Jagrut  
Upadhyay  
10/03/2025

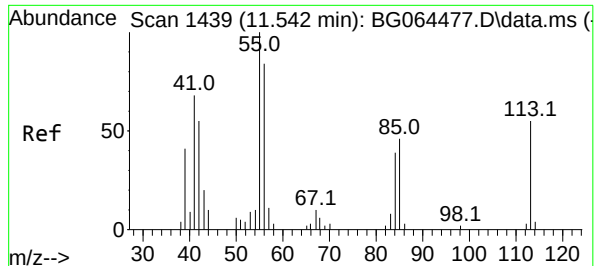


#34  
Hexachlorobutadiene  
Concen: 20.205 ng  
RT: 10.949 min Scan# 1338  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33



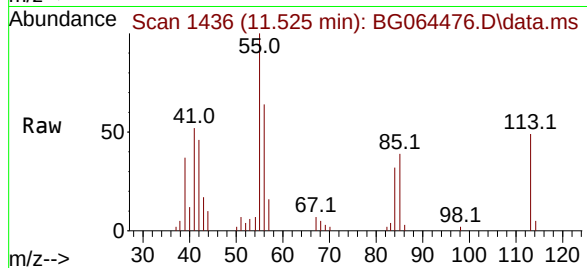
Tgt Ion:225 Resp: 25803  
Ion Ratio Lower Upper  
225 100  
223 69.3 49.0 73.6  
227 58.5 49.9 74.9





#35  
Caprolactam  
Concen: 21.453 ng  
RT: 11.525 min Scan# 1436  
Delta R.T. 0.014 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



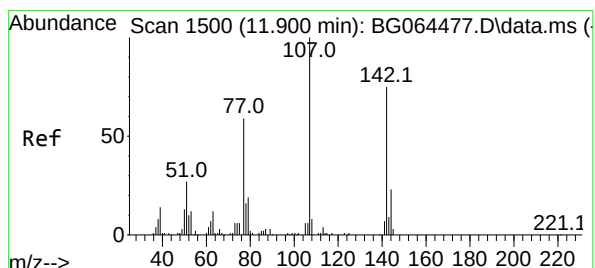
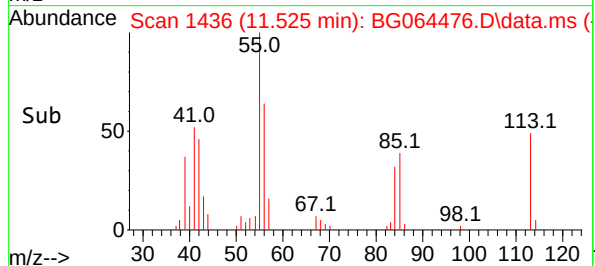
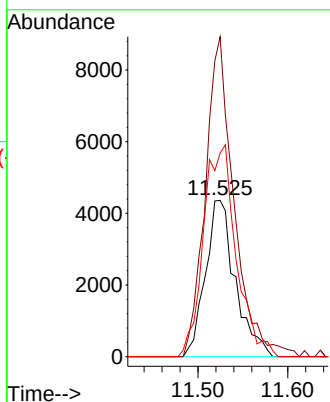
Tgt Ion:113 Resp: 1004  
Ion Ratio Lower Upper  
113 100  
55 204.7 162.0 202.0  
56 130.1 134.6 174.6

Manual Integrations  
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Chavli

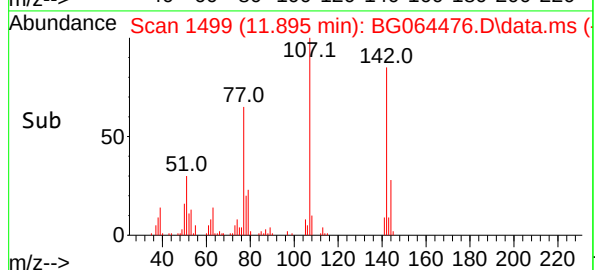
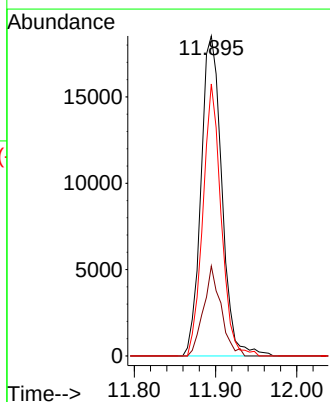
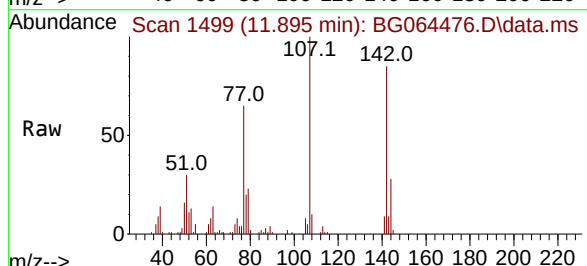
10/03/2025

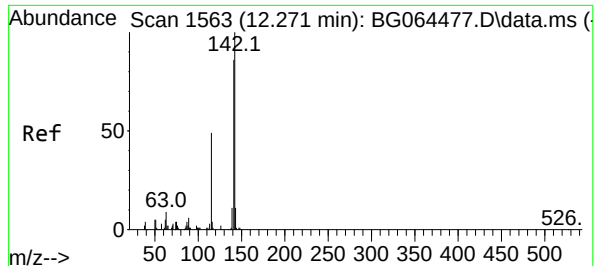
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#36  
4-Chloro-3-methylphenol  
Concen: 19.795 ng  
RT: 11.895 min Scan# 1499  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:107 Resp: 32921  
Ion Ratio Lower Upper  
107 100  
144 28.1 18.7 28.1#  
142 85.0 60.2 90.2





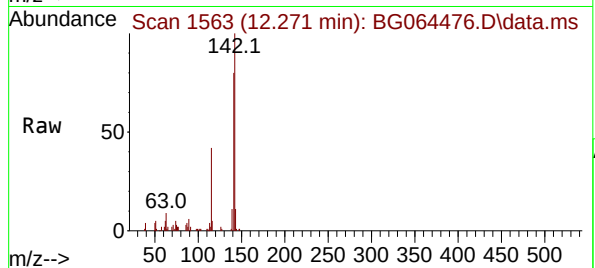
#37  
2-Methylnaphthalene  
Concen: 19.995 ng  
RT: 12.271 min Scan# 1563  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

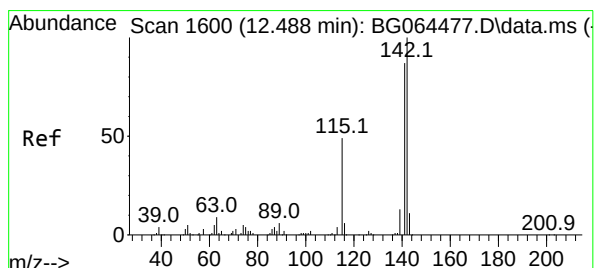
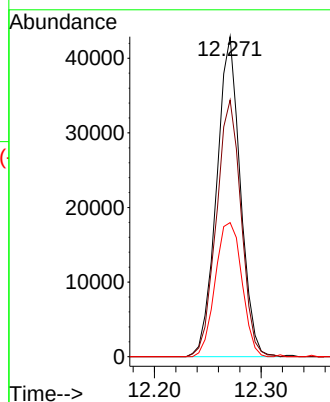
SSTDICC020



Tgt Ion:142 Resp: 66302  
Ion Ratio Lower Upper  
142 100  
141 80.2 68.7 103.1  
115 41.9 39.3 58.9

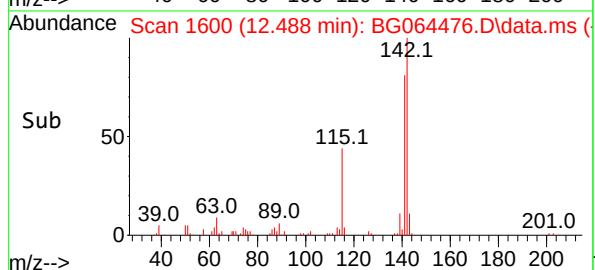
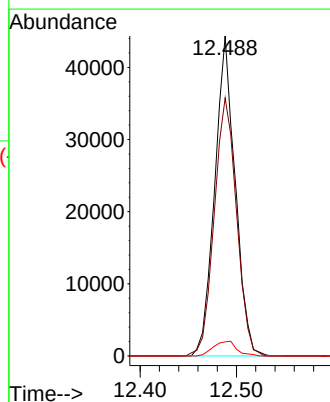
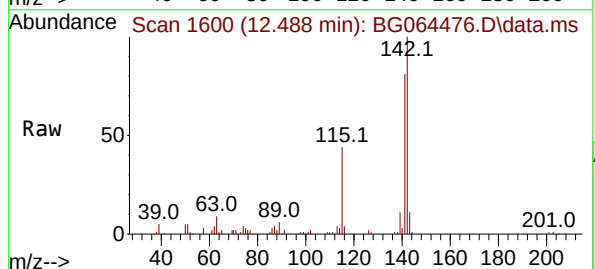
Manual Integrations  
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Chavli

10/03/2025

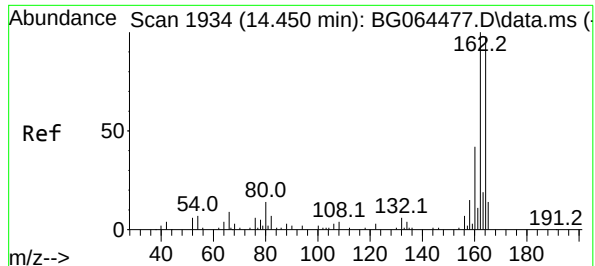
Supervised By :Jagrut  
Upadhyay  
10/03/2025

#38  
1-Methylnaphthalene  
Concen: 19.840 ng m  
RT: 12.488 min Scan# 1600  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:142 Resp: 65599  
Ion Ratio Lower Upper  
142 100  
141 80.6 69.8 104.8  
116 4.4 4.6 6.8#

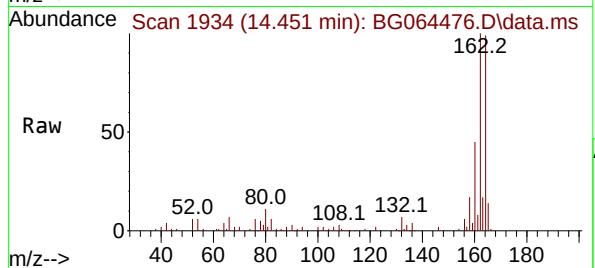






#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1934  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



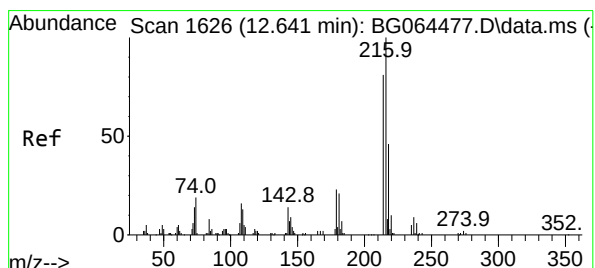
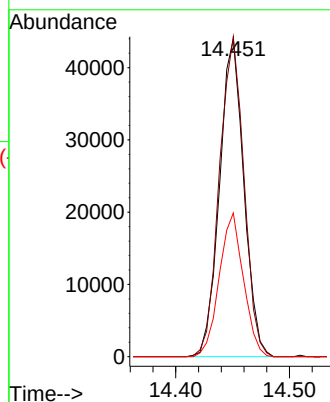
Tgt Ion:164 Resp: 65289  
Ion Ratio Lower Upper  
164 100  
162 100.8 82.2 123.2  
160 45.3 34.3 51.5

Manual Integrations  
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Chavli

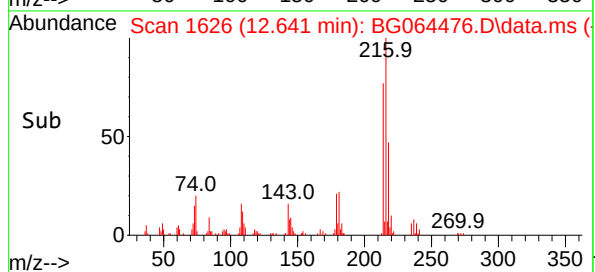
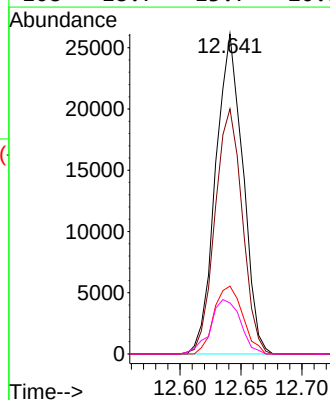
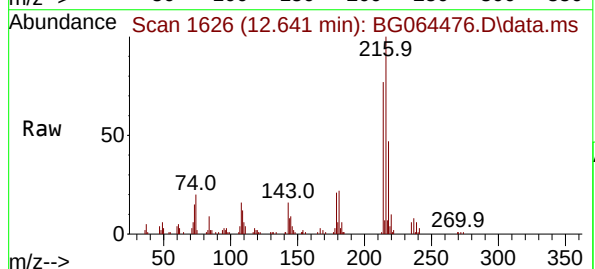
10/03/2025

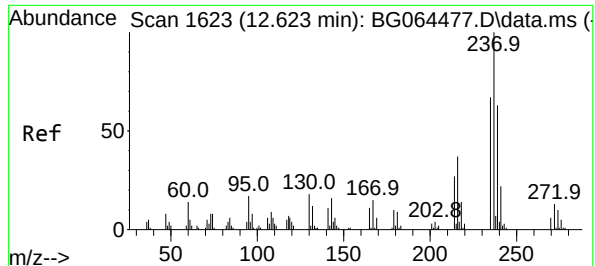
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 19.252 ng  
RT: 12.641 min Scan# 1626  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

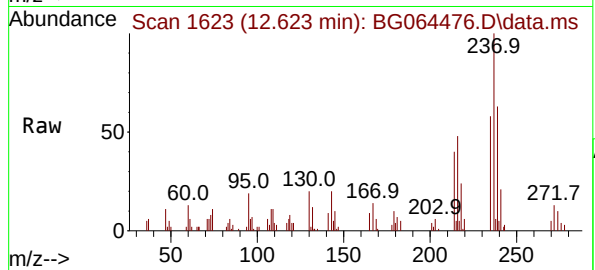
Tgt Ion:216 Resp: 40584  
Ion Ratio Lower Upper  
216 100  
214 77.0 62.5 93.7  
179 22.3 17.0 25.6  
108 18.7 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 17.510 ng  
RT: 12.623 min Scan# 1623  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

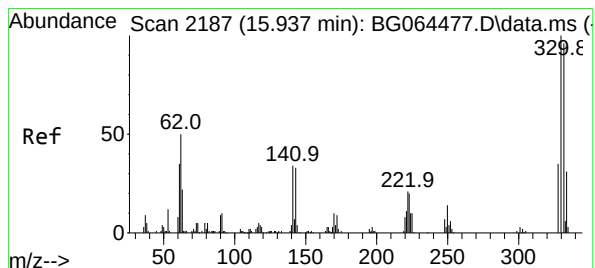
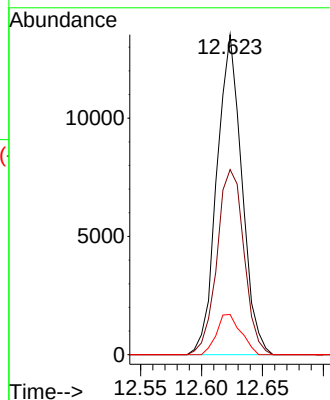
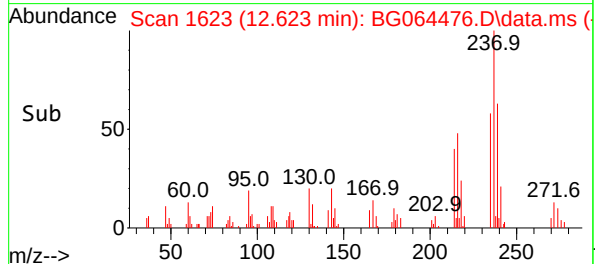


Tgt Ion:237 Resp: 19309  
Ion Ratio Lower Upper  
237 100  
235 57.9 46.9 86.9  
272 12.5 0.0 32.6

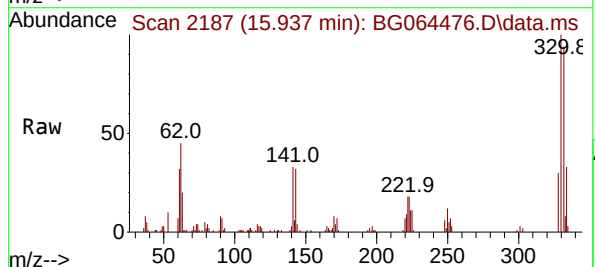
Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli  
10/03/2025

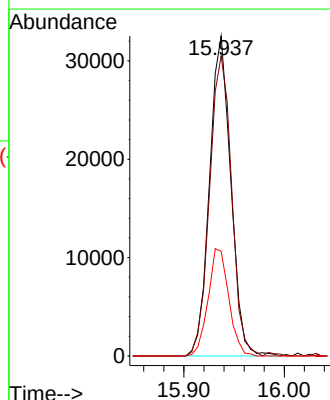
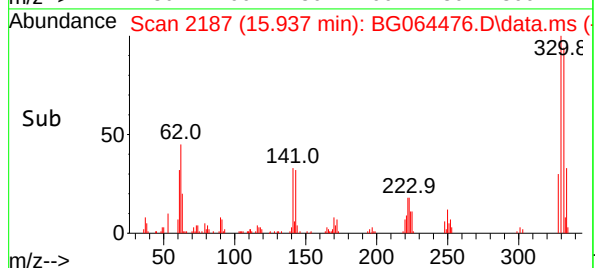
Supervised By :Jagrut  
Upadhyay  
10/03/2025

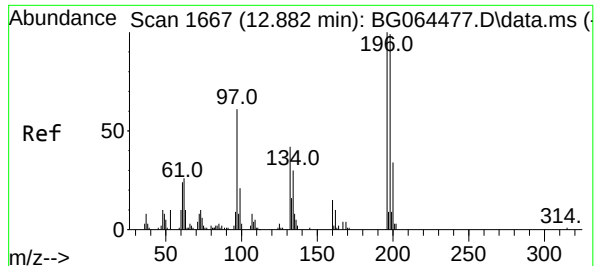


#42  
2,4,6-Tribromophenol  
Concen: 40.505 ng  
RT: 15.937 min Scan# 2187  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33



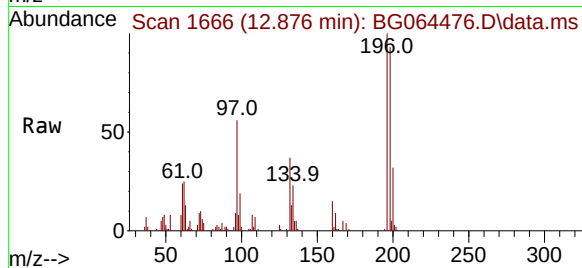
Tgt Ion:330 Resp: 47936  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.4 116.0  
141 32.7 25.8 38.6





#43  
2,4,6-Trichlorophenol  
Concen: 19.167 ng  
RT: 12.876 min Scan# 1666  
Delta R.T. -0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

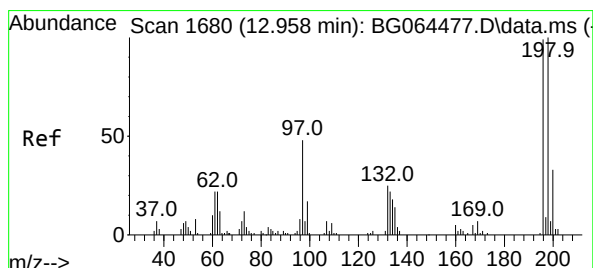
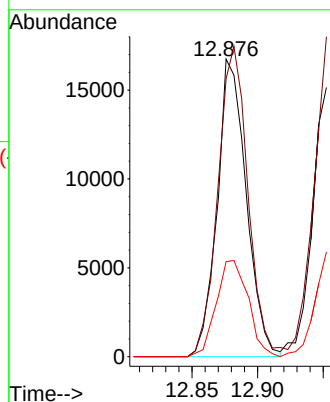
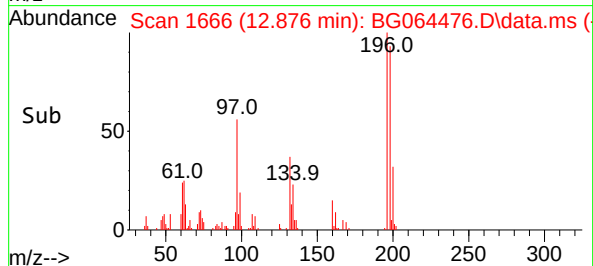


Tgt Ion:196 Resp: 25830  
Ion Ratio Lower Upper  
196 100  
198 93.4 79.3 118.9  
200 31.9 27.4 41.2

Manual Integrations  
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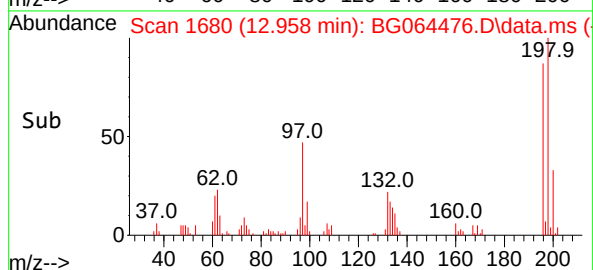
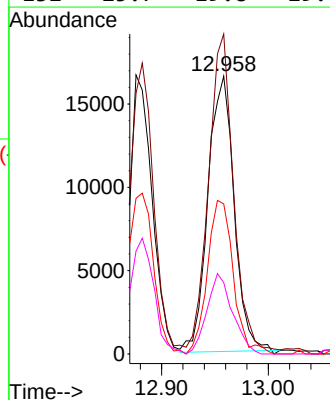
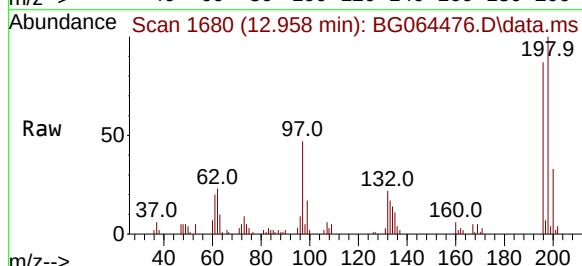
Reviewed By :Rahul  
Chavli  
10/03/2025

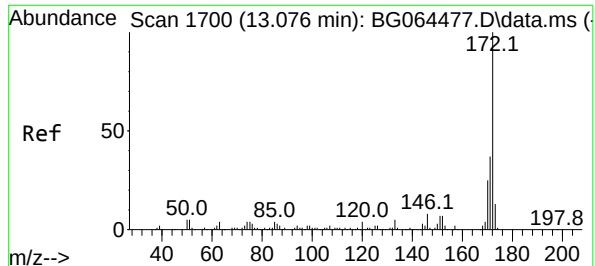
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#44  
2,4,5-Trichlorophenol  
Concen: 18.678 ng  
RT: 12.958 min Scan# 1680  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

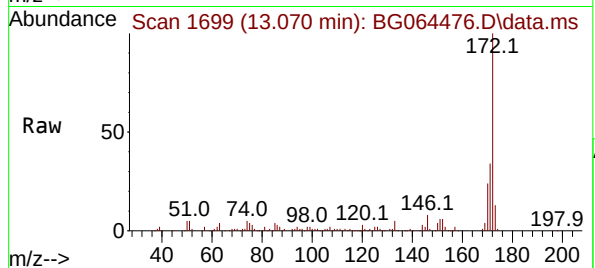
Tgt Ion:196 Resp: 28101  
Ion Ratio Lower Upper  
196 100  
198 115.2 80.3 120.5  
97 54.1 39.4 59.0  
132 25.7 19.8 29.8





#45  
2-Fluorobiphenyl  
Concen: 39.679 ng  
RT: 13.070 min Scan# 1700  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

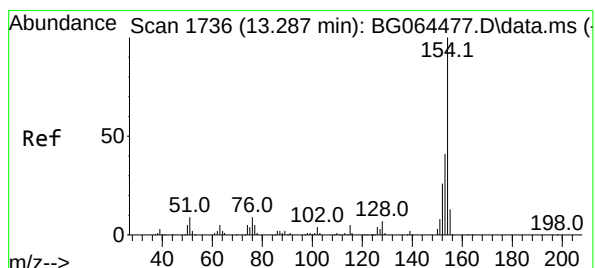
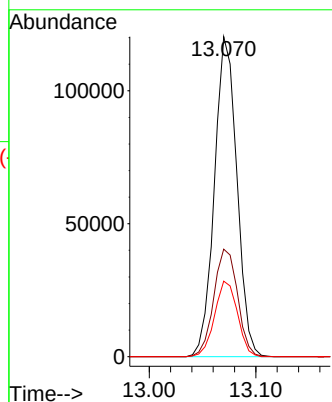
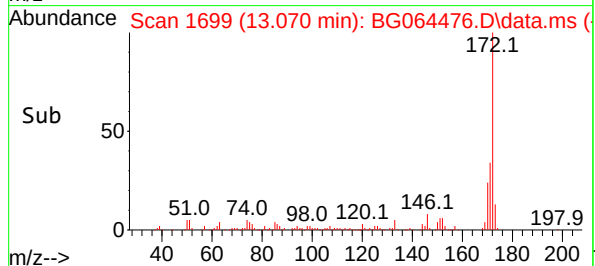


Tgt Ion:172 Resp: 175754  
Ion Ratio Lower Upper  
172 100  
171 33.6 29.6 44.4  
170 23.6 20.2 30.2

Manual Integrations  
APPROVED

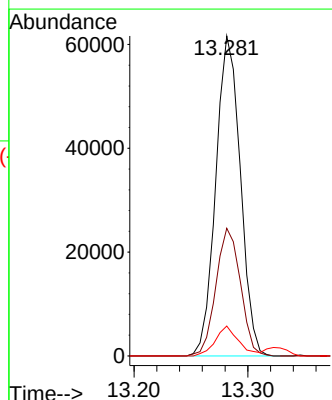
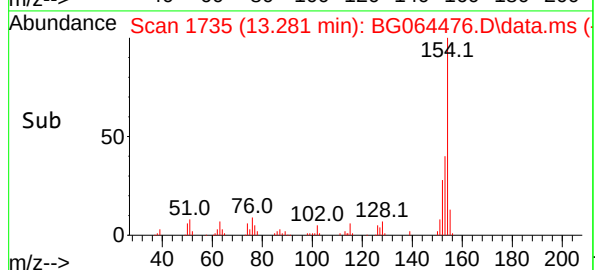
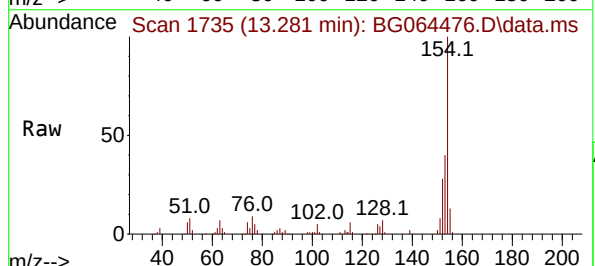
Reviewed By :Rahul  
Chavli  
10/03/2025

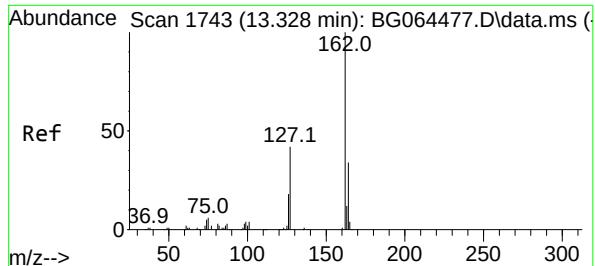
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#46  
1,1'-Biphenyl  
Concen: 19.695 ng  
RT: 13.281 min Scan# 1735  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

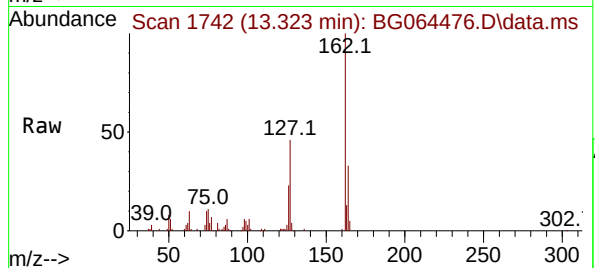
Tgt Ion:154 Resp: 92485  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.7 60.7  
76 9.3 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 19.473 ng  
RT: 13.323 min Scan# 1742  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

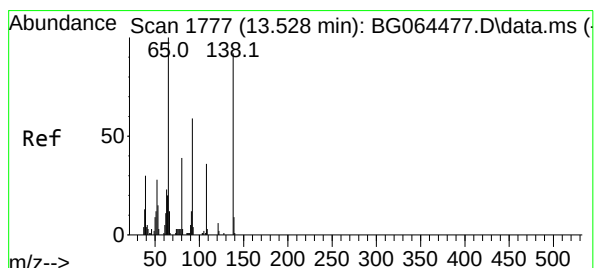
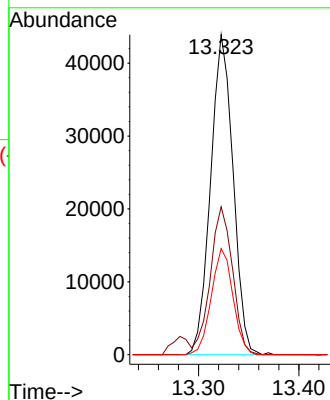
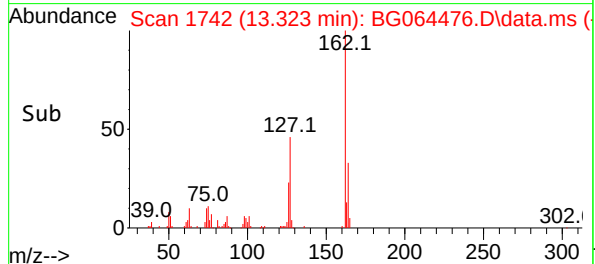


Tgt Ion:162 Resp: 68272  
Ion Ratio Lower Upper  
162 100  
127 46.2 35.8 53.8  
164 33.2 27.2 40.8

Manual Integrations  
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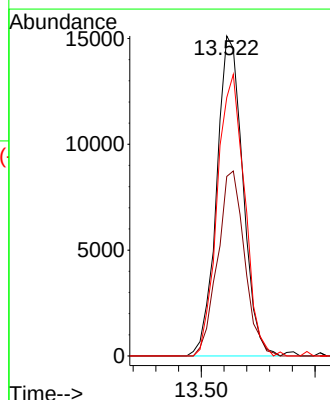
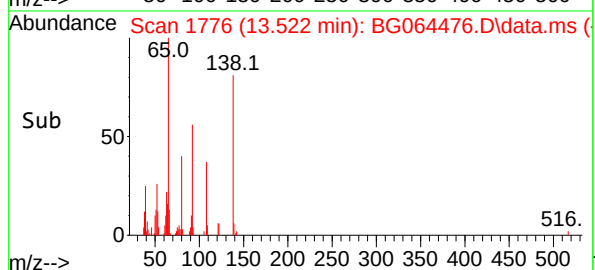
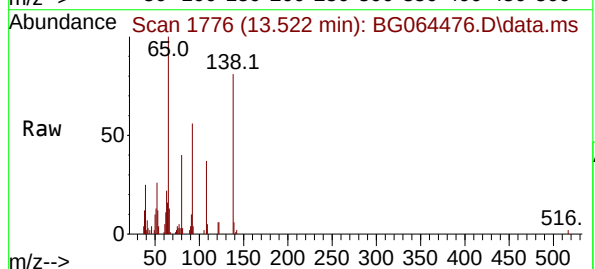
Reviewed By :Rahul  
Chavli  
10/03/2025

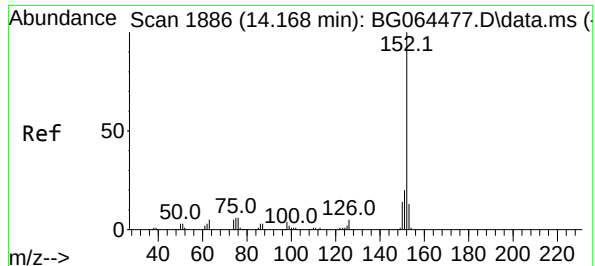
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#48  
2-Nitroaniline  
Concen: 20.234 ng  
RT: 13.522 min Scan# 1776  
Delta R.T. -0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion: 65 Resp: 24212  
Ion Ratio Lower Upper  
65 100  
92 56.1 47.0 70.6  
138 80.7 73.5 110.3





#49

Acenaphthylene

Concen: 19.727 ng

RT: 14.169 min Scan# 1886

Delta R.T. -0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 10266

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.6

153 14.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul

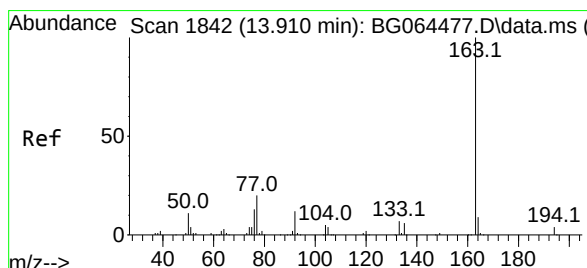
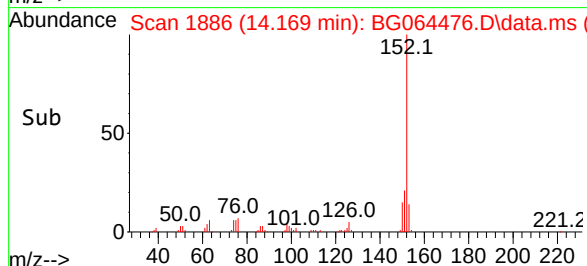
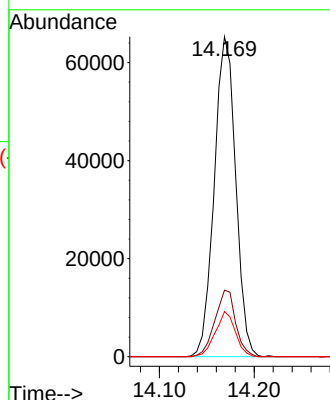
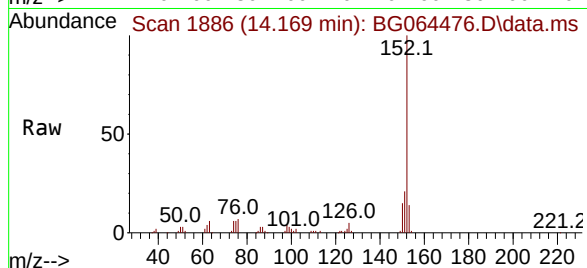
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#50

Dimethylphthalate

Concen: 20.204 ng

RT: 13.904 min Scan# 1841

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

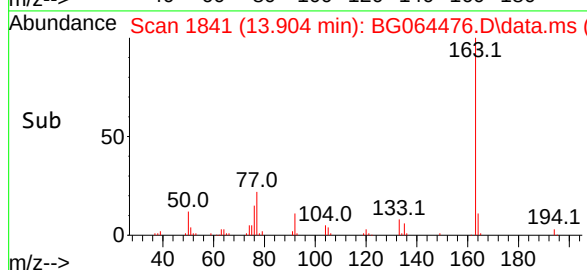
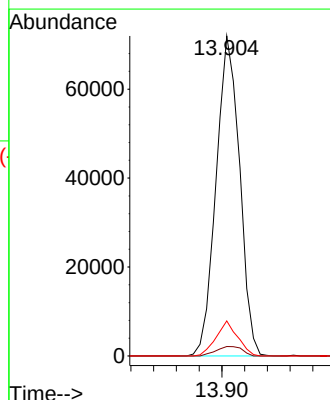
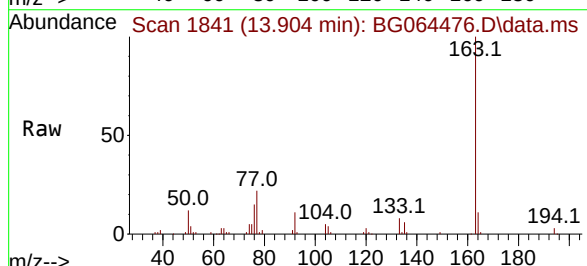
Tgt Ion:163 Resp: 103311

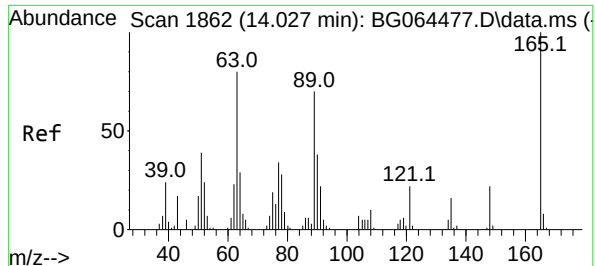
Ion Ratio Lower Upper

163 100

194 3.0 2.9 4.3

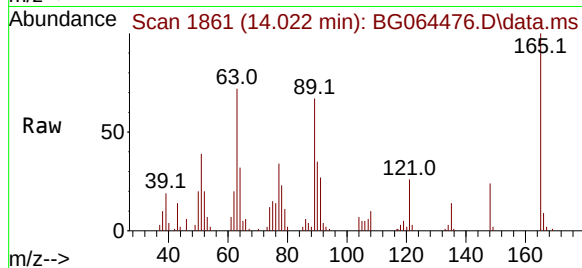
164 10.9 7.4 11.0





#51  
2,6-Dinitrotoluene  
Concen: 20.559 ng  
RT: 14.022 min Scan# 1862  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

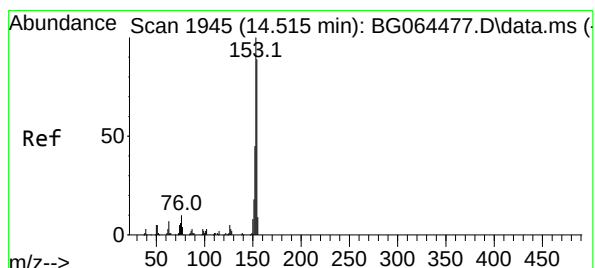
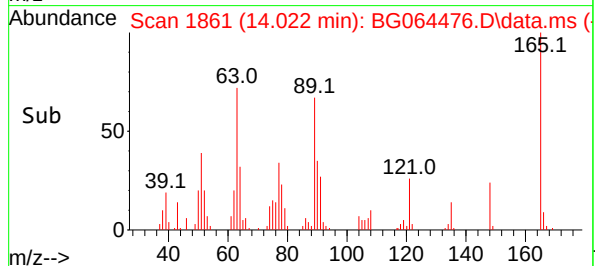
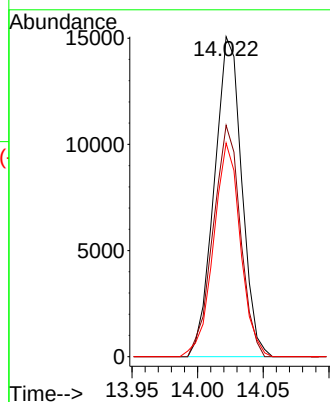


Tgt Ion:165 Resp: 21899  
Ion Ratio Lower Upper  
165 100  
63 72.3 63.9 95.9  
89 66.8 56.1 84.1

Manual Integrations  
APPROVED

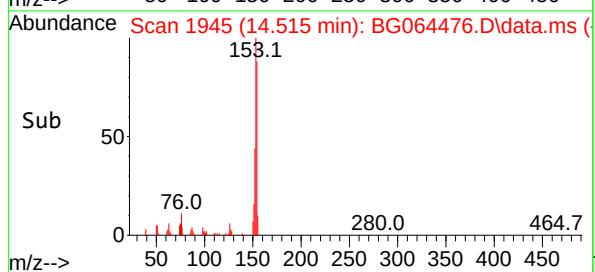
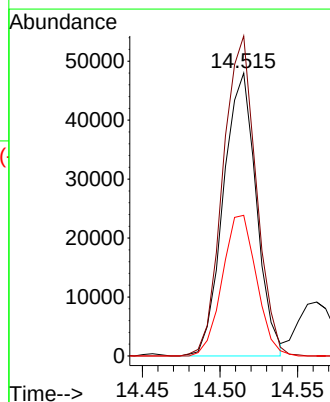
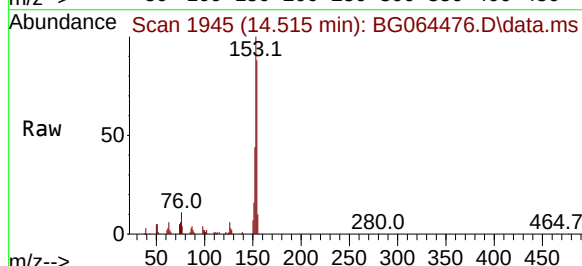
Reviewed By :Rahul  
Chavli  
10/03/2025

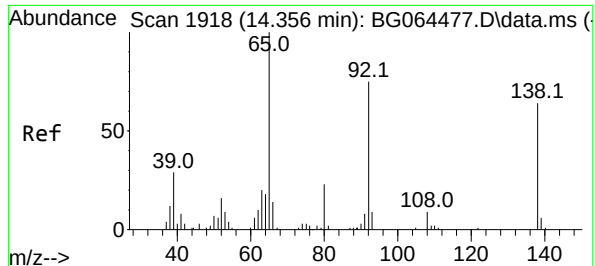
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#52  
Acenaphthene  
Concen: 19.604 ng  
RT: 14.515 min Scan# 1945  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

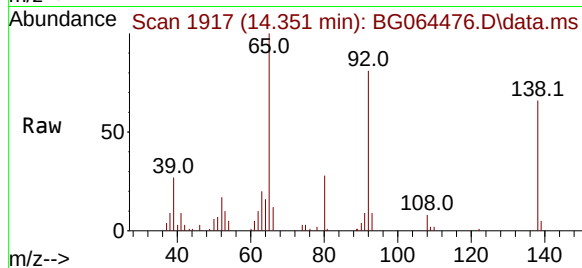
Tgt Ion:154 Resp: 70884  
Ion Ratio Lower Upper  
154 100  
153 113.1 90.2 135.4  
152 49.7 40.2 60.4





#53  
3-Nitroaniline  
Concen: 19.956 ng  
RT: 14.351 min Scan# 1917  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

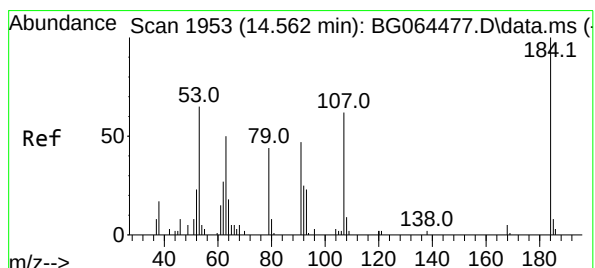
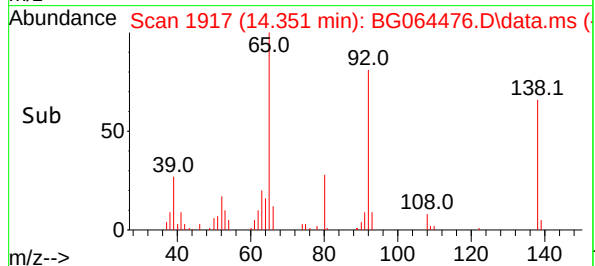
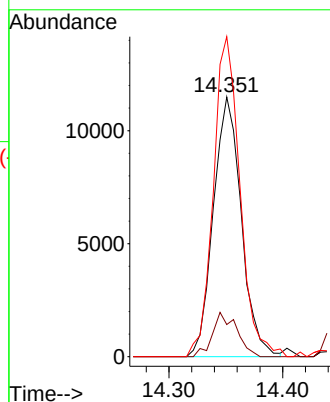


Tgt Ion:138 Resp: 19604  
Ion Ratio Lower Upper  
138 100  
108 12.4 10.6 15.8  
92 123.2 93.2 139.8

Manual Integrations  
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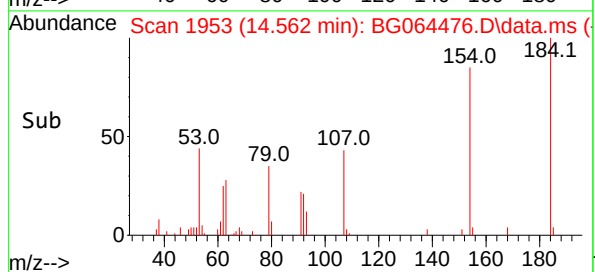
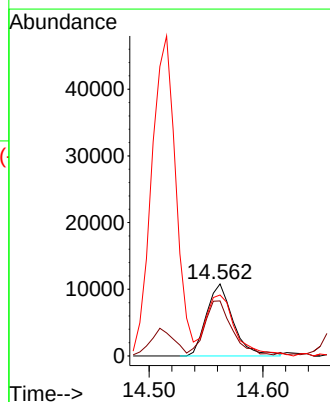
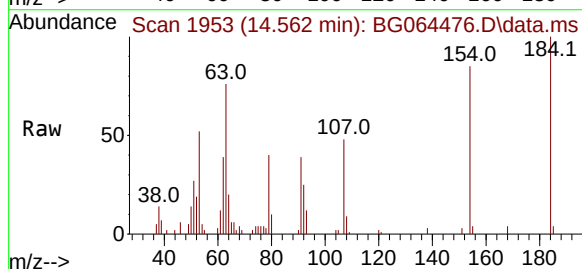
Reviewed By :Rahul  
Chavli  
10/03/2025

Supervised By :Jagrut  
Upadhyay  
10/03/2025

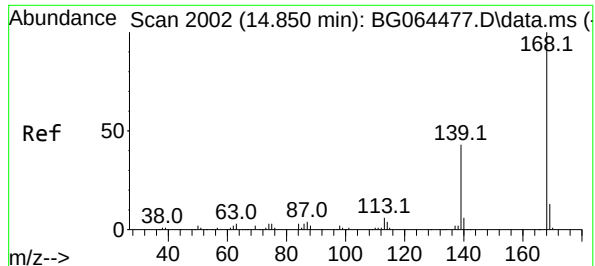


#54  
2,4-Dinitrophenol  
Concen: 22.843 ng  
RT: 14.562 min Scan# 1953  
Delta R.T. -0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:184 Resp: 17644  
Ion Ratio Lower Upper  
184 100  
63 76.3 69.0 103.4  
154 84.7 95.6 143.4#







#55

Dibenzenofuran

Concen: 19.680 ng

RT: 14.850 min Scan# 2002

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 117490

Ion Ratio Lower Upper

168 100

139 42.6 34.0 51.0

169 12.8 10.2 15.2

Manual Integrations

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Reviewed By :Rahul

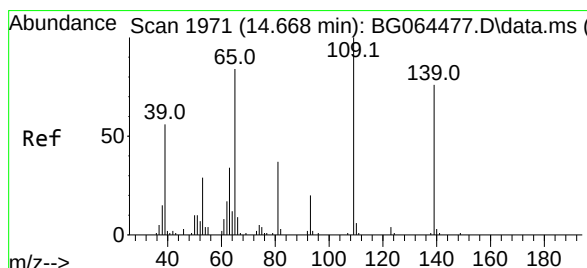
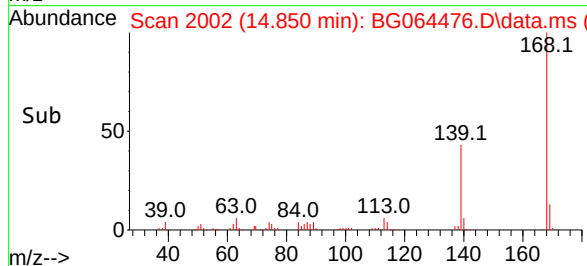
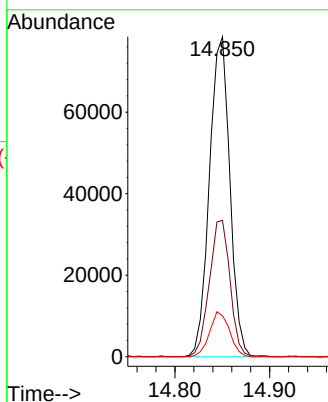
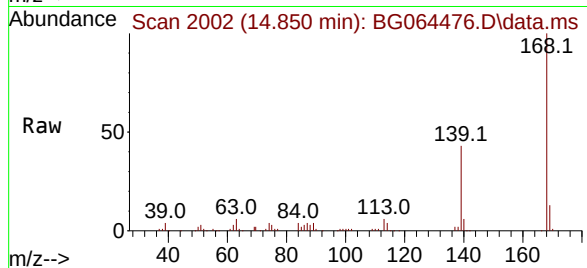
Chavli

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Upadhyay

10/03/2025



#56

4-Nitrophenol

Concen: 19.183 ng

RT: 14.668 min Scan# 1971

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

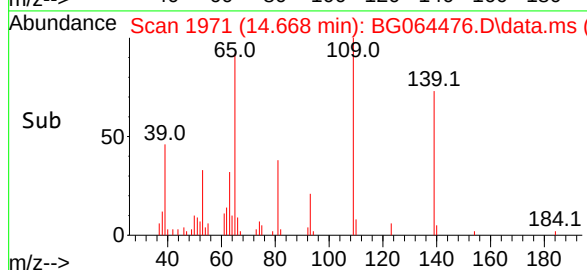
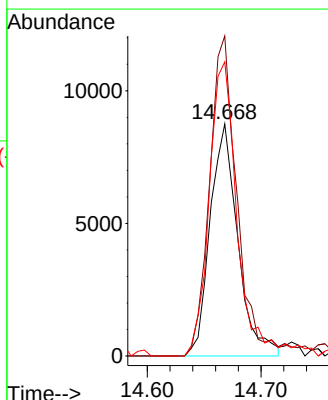
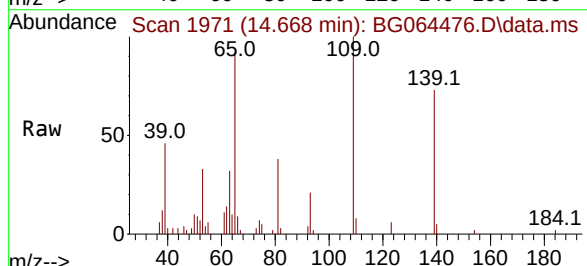
Tgt Ion:139 Resp: 14837

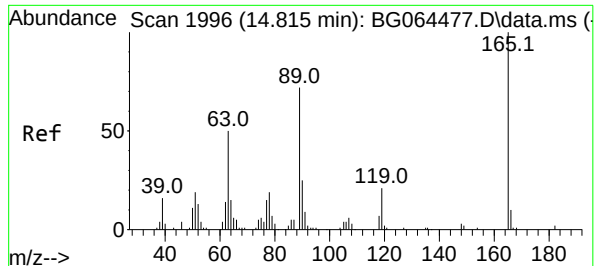
Ion Ratio Lower Upper

139 100

109 137.9 111.8 151.8

65 126.7 91.1 131.1





#57  
2,4-Dinitrotoluene  
Concen: 19.567 ng  
RT: 14.809 min Scan# 1996  
Delta R.T. -0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

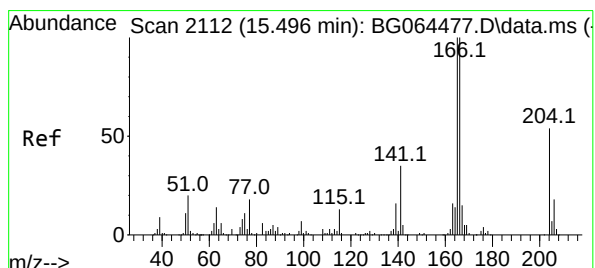
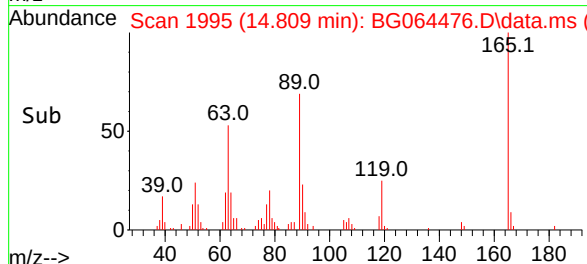
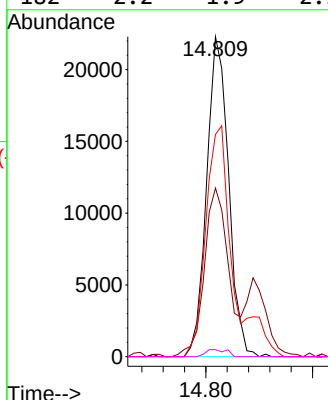
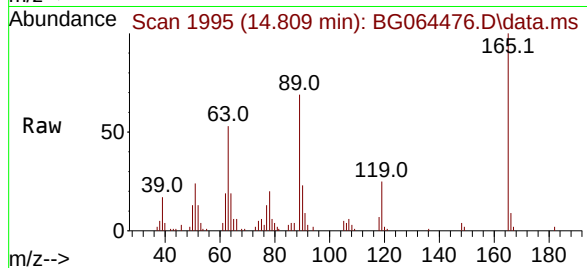
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion:165 Resp: 31862  
Ion Ratio Lower Upper  
165 100  
63 52.7 40.4 60.6  
89 69.5 57.3 85.9  
182 2.2 1.9 2.9

Manual Integrations  
APPROVED

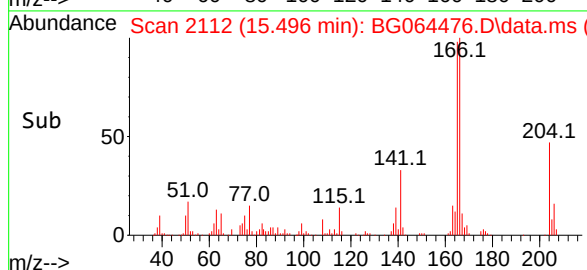
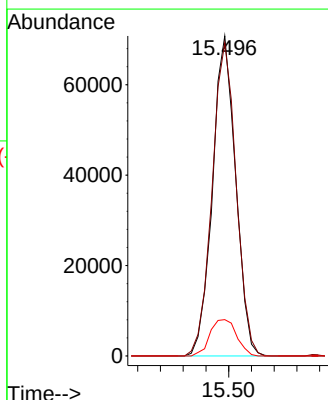
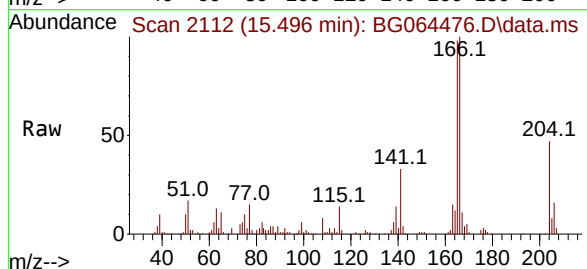
Reviewed By :Rahul  
Chavli  
10/03/2025

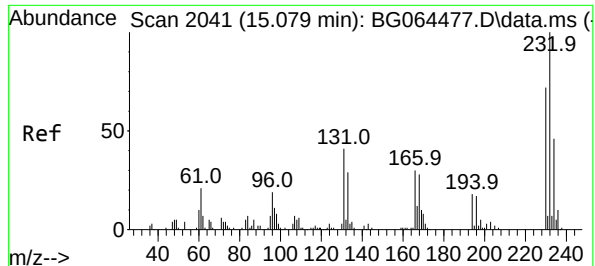
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#58  
Fluorene  
Concen: 20.190 ng  
RT: 15.496 min Scan# 2112  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

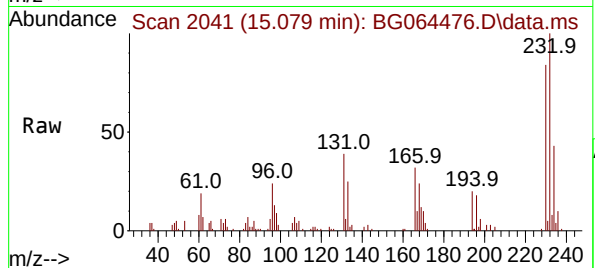
Tgt Ion:166 Resp: 100209  
Ion Ratio Lower Upper  
166 100  
165 97.9 79.8 119.6  
167 11.4 11.7 17.5#





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.205 ng  
RT: 15.079 min Scan# 2041  
Delta R.T. 0.008 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

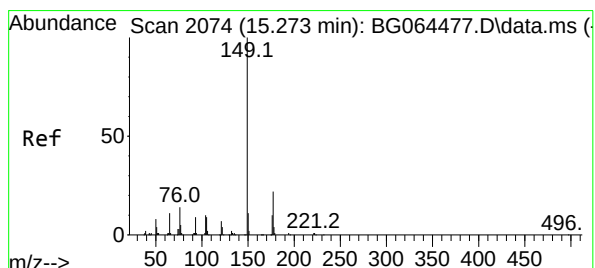
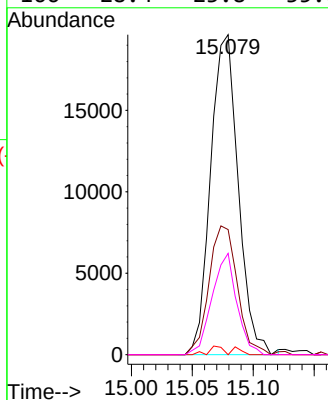
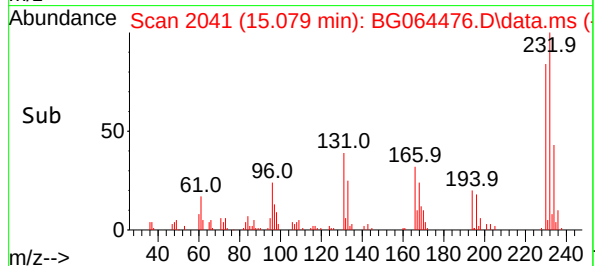


Tgt Ion:232 Resp: 3102  
Ion Ratio Lower Upper  
232 100  
131 41.2 35.0 52.4  
130 1.3 2.0 3.0  
166 28.4 23.8 35.6

Manual Integrations  
APPROVED

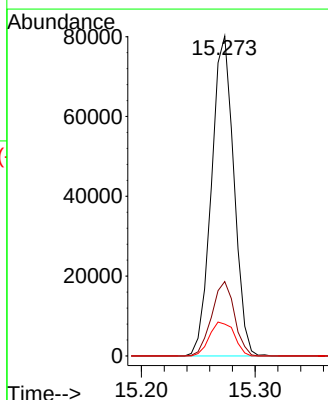
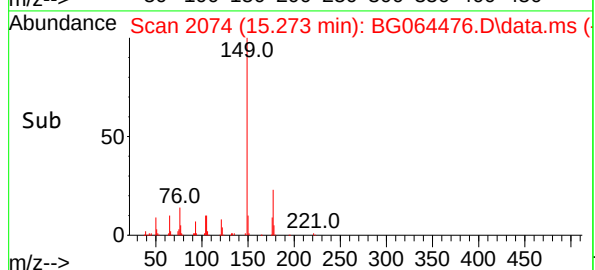
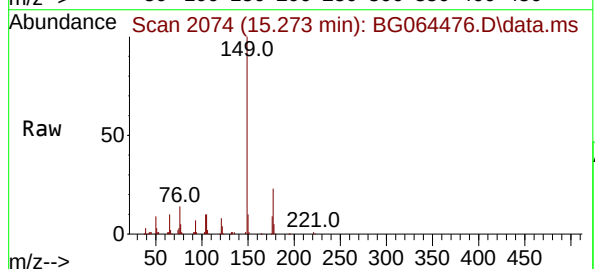
Reviewed By :Rahul  
Chavli  
10/03/2025

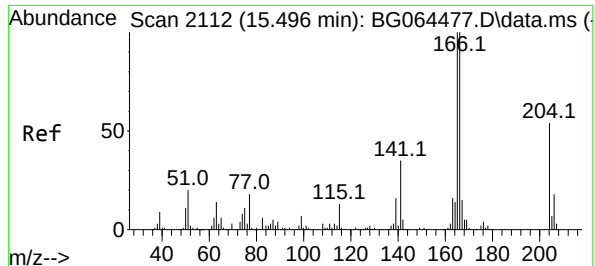
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#60  
Diethylphthalate  
Concen: 19.981 ng  
RT: 15.273 min Scan# 2074  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:149 Resp: 109604  
Ion Ratio Lower Upper  
149 100  
177 23.3 17.4 26.0  
150 10.0 9.1 13.7





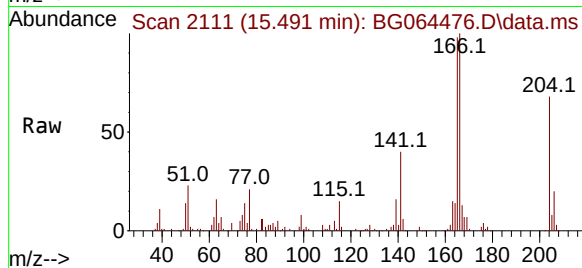
#61  
4-Chlorophenyl-phenylether  
Concen: 20.205 ng  
RT: 15.491 min Scan# 2111  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020



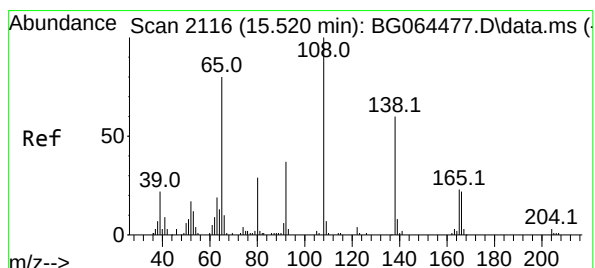
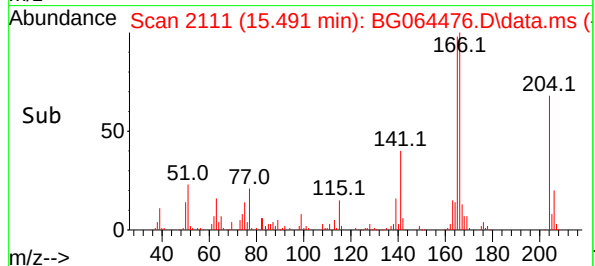
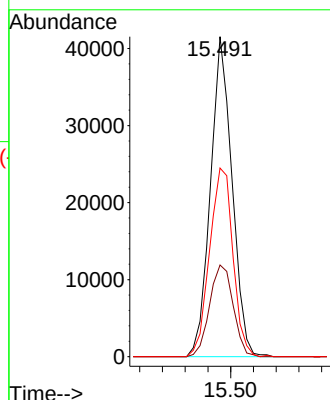
Tgt Ion:204 Resp: 5475  
Ion Ratio Lower Upper  
204 100  
206 28.6 27.1 40.7  
141 58.9 51.5 77.3

Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli

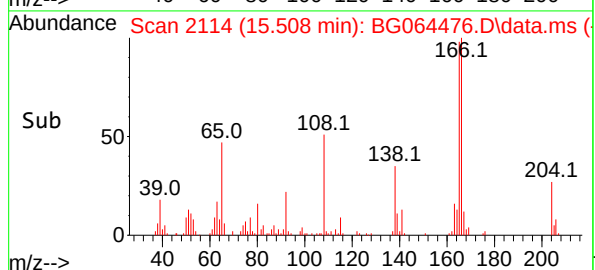
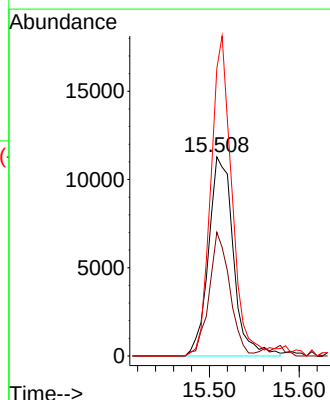
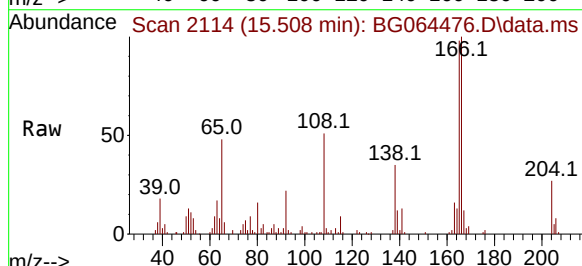
10/03/2025

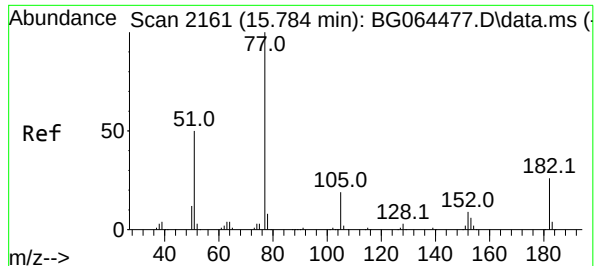
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#62  
4-Nitroaniline  
Concen: 21.091 ng  
RT: 15.508 min Scan# 2114  
Delta R.T. -0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

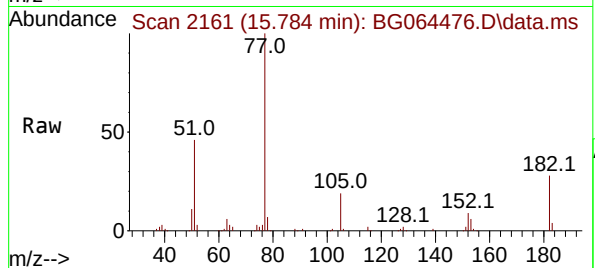
Tgt Ion:138 Resp: 21595  
Ion Ratio Lower Upper  
138 100  
92 62.2 42.3 82.3  
108 144.5 147.7 187.7#





#63  
Azobenzene  
Concen: 20.370 ng  
RT: 15.784 min Scan# 2161  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

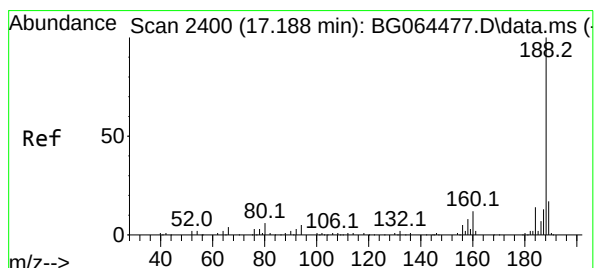
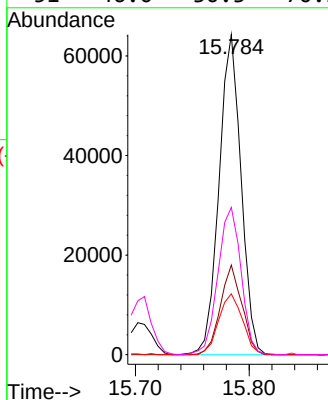
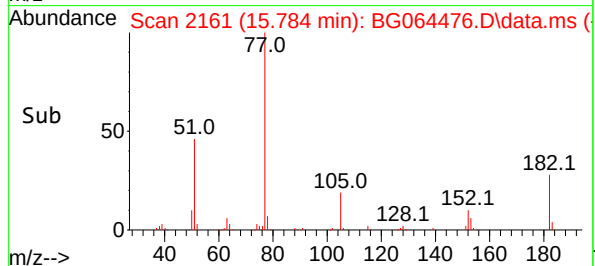


Tgt Ion: 77 Resp: 86539  
Ion Ratio Lower Upper  
77 100  
182 28.0 6.3 46.3  
105 19.0 0.0 38.7  
51 46.0 30.3 70.3

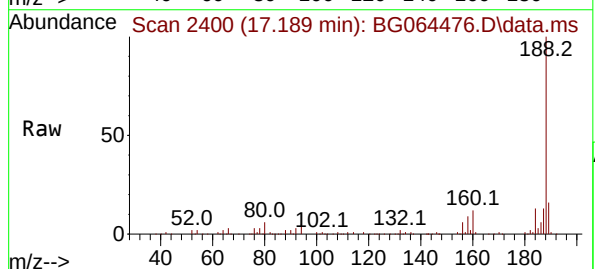
Manual Integrations  
APPROVED

Reviewed By :Rahul  
Chavli  
10/03/2025

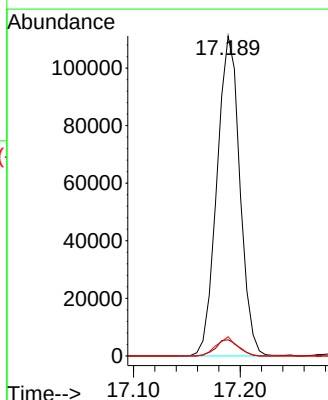
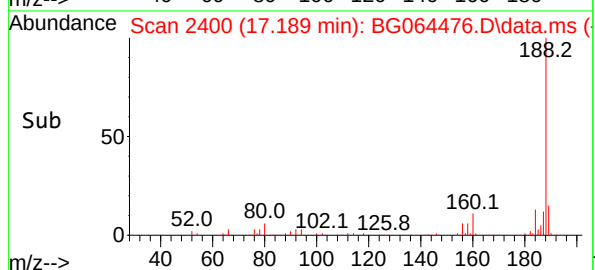
Supervised By :Jagrut  
Upadhyay  
10/03/2025

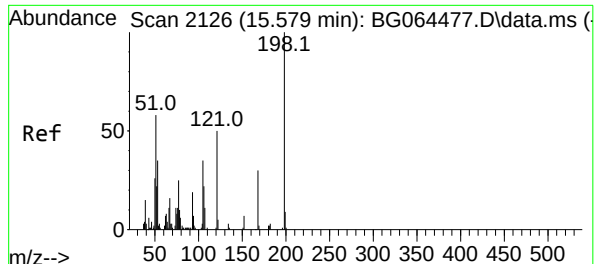


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.189 min Scan# 2400  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33



Tgt Ion:188 Resp: 165571  
Ion Ratio Lower Upper  
188 100  
94 5.0 3.7 5.5  
80 6.0 4.5 6.7





#65  
4,6-Dinitro-2-methylphenol  
Concen: 19.942 ng  
RT: 15.579 min Scan# 2126  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

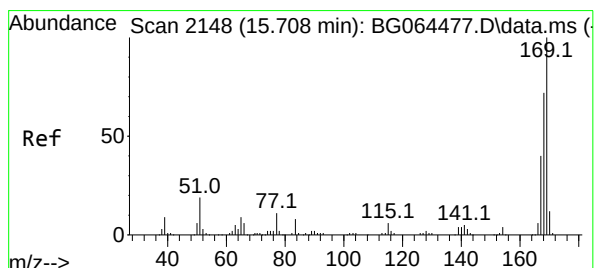
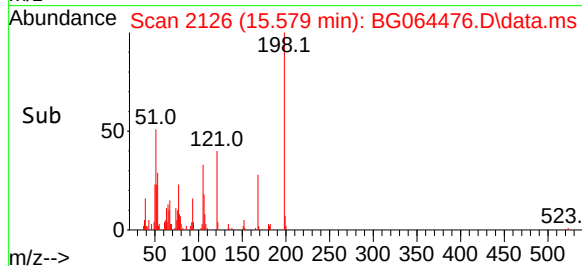
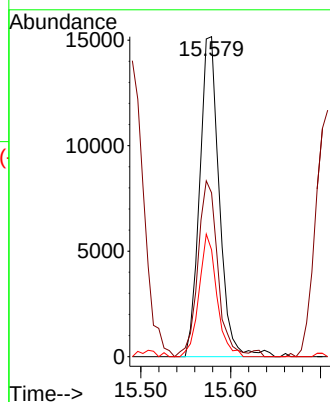
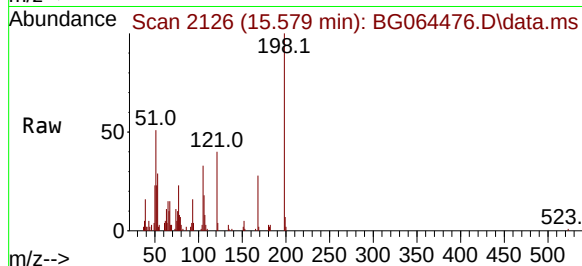
Tgt Ion:198 Resp: 22989  
Ion Ratio Lower Upper  
198 100  
51 51.2 39.0 79.0  
105 33.4 15.8 55.8

Manual Integrations  
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Reviewed By :Rahul  
Chavli

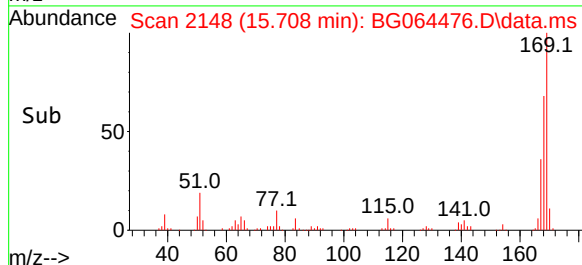
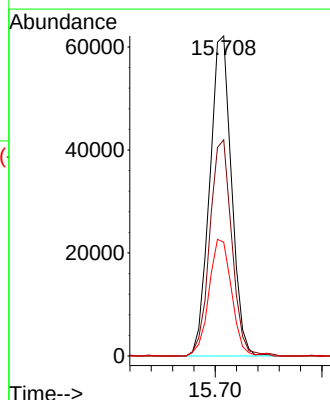
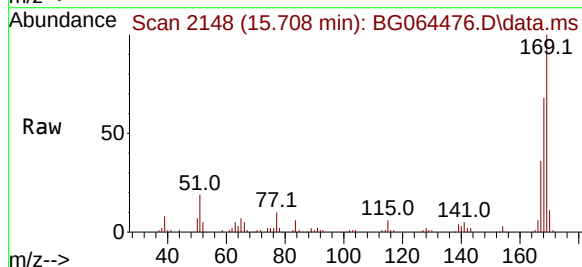
10/03/2025

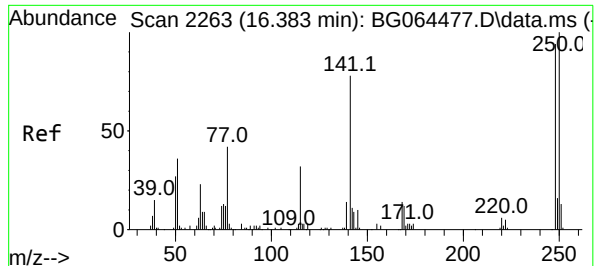
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#66  
n-Nitrosodiphenylamine  
Concen: 19.986 ng  
RT: 15.708 min Scan# 2148  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

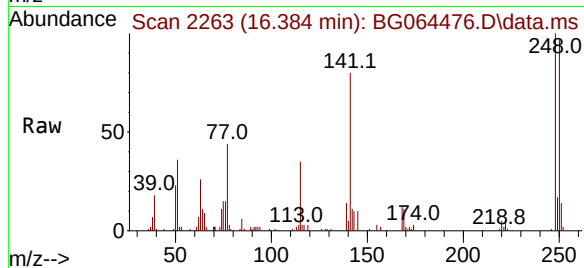
Tgt Ion:169 Resp: 88367  
Ion Ratio Lower Upper  
169 100  
168 67.5 57.8 86.6  
167 35.6 31.7 47.5





#67  
4-Bromophenyl-phenylether  
Concen: 19.310 ng  
RT: 16.384 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

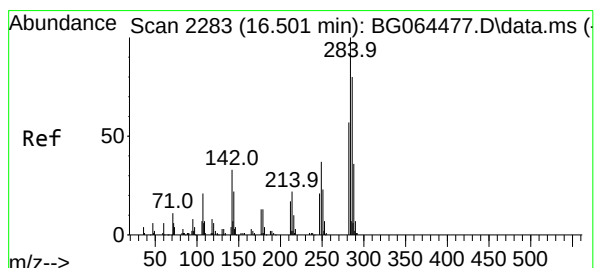
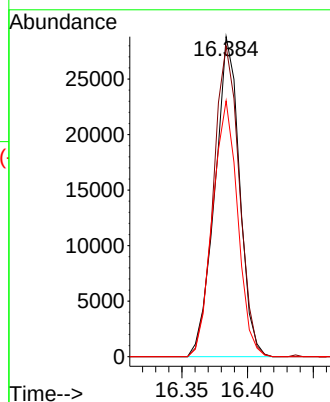
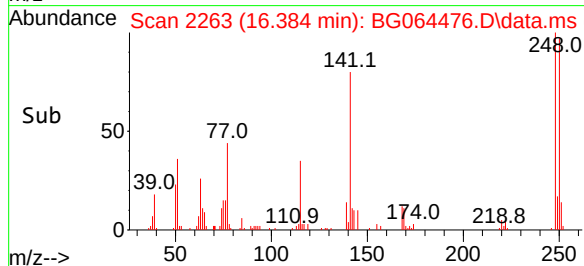


Tgt Ion:248 Resp: 3762  
Ion Ratio Lower Upper  
248 100  
250 97.2 85.3 127.9  
141 79.9 66.2 99.2

Manual Integrations  
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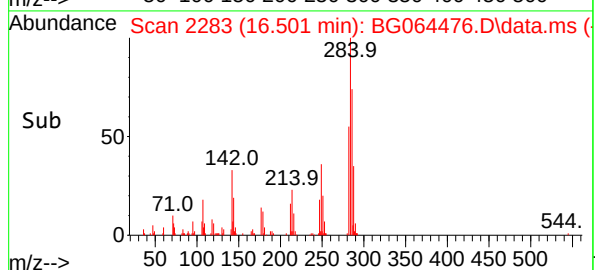
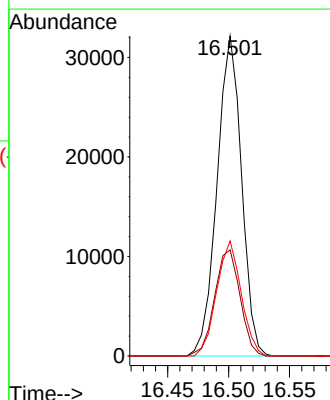
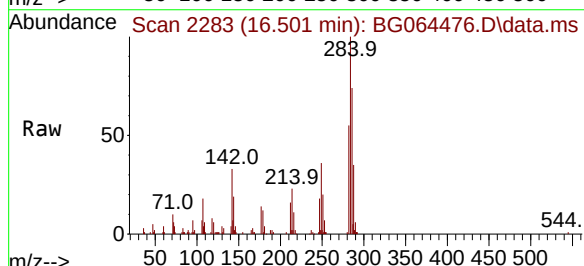
Reviewed By :Rahul  
Chavli  
10/03/2025

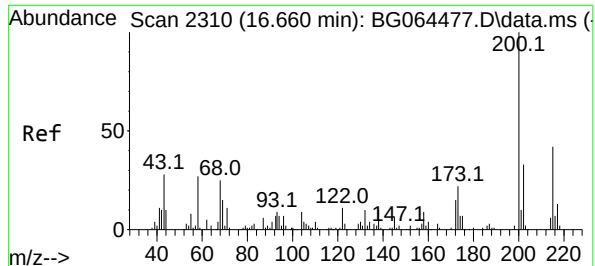
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#68  
Hexachlorobenzene  
Concen: 20.185 ng  
RT: 16.501 min Scan# 2283  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

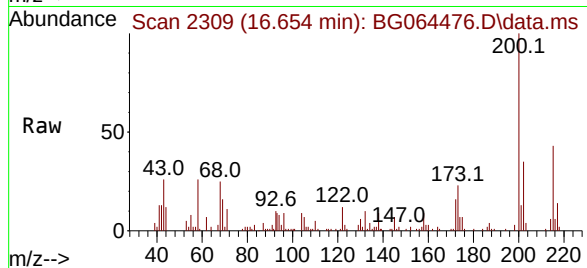
Tgt Ion:284 Resp: 45002  
Ion Ratio Lower Upper  
284 100  
142 33.1 26.2 39.2  
249 36.0 29.4 44.0





#69  
 Atrazine  
 Concen: 20.769 ng  
 RT: 16.654 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG064476.D  
 Acq: 2 Oct 2025 11:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

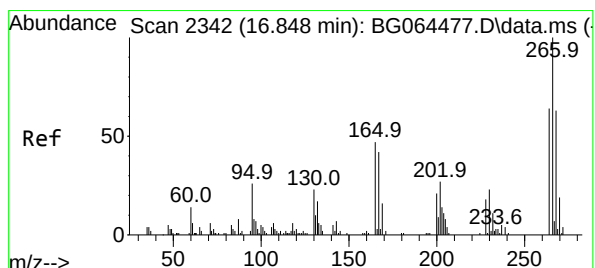
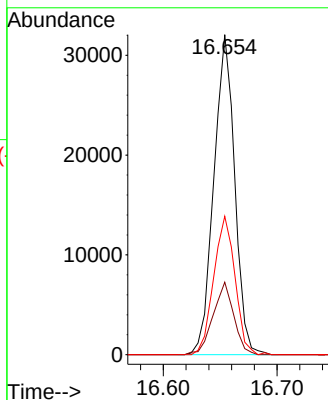
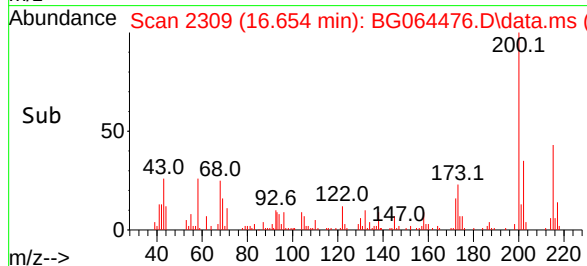


Tgt Ion:200 Resp: 4085  
 Ion Ratio Lower Upper  
 200 100  
 173 22.7 2.5 42.5  
 215 43.3 21.5 61.5

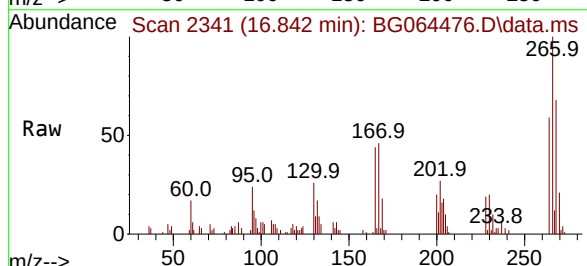
Manual Integrations  
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Reviewed By :Rahul  
 Chavli  
 10/03/2025

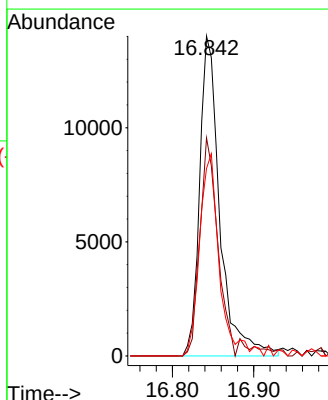
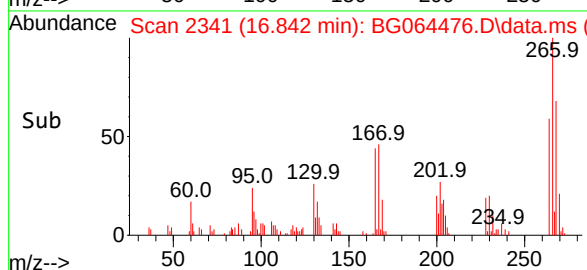
Supervised By :Jagrut  
 Upadhyay  
 10/03/2025



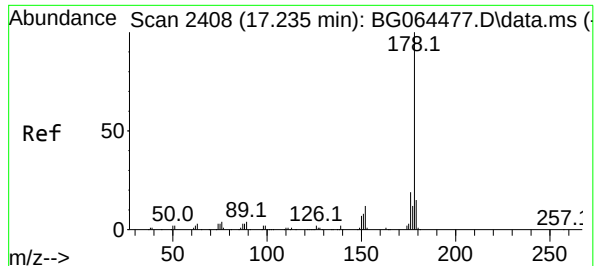
#70  
 Pentachlorophenol  
 Concen: 18.593 ng  
 RT: 16.842 min Scan# 2341  
 Delta R.T. -0.003 min  
 Lab File: BG064476.D  
 Acq: 2 Oct 2025 11:33



Tgt Ion:266 Resp: 24237  
 Ion Ratio Lower Upper  
 266 100  
 268 68.1 50.6 75.8  
 264 58.6 51.2 76.8

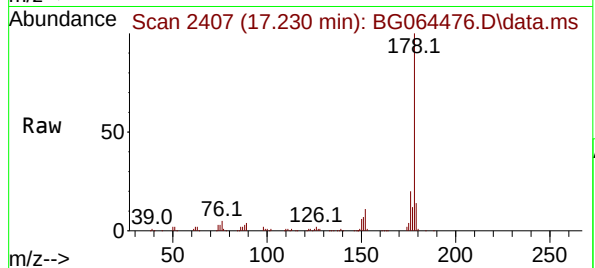






#71  
Phenanthrene  
Concen: 20.165 ng  
RT: 17.230 min Scan# 2407  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

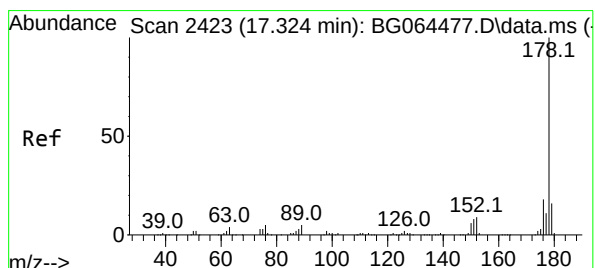
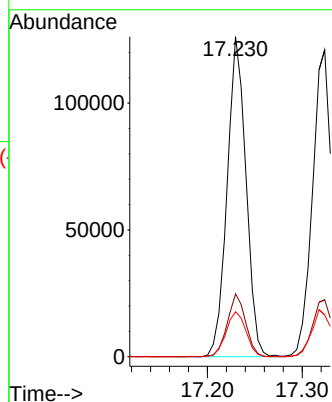
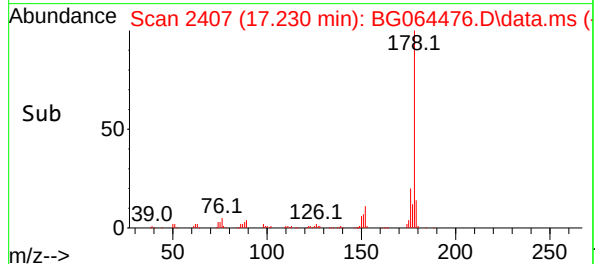


Tgt Ion:178 Resp: 174598  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.2 22.8  
179 14.1 11.8 17.6

Manual Integrations  
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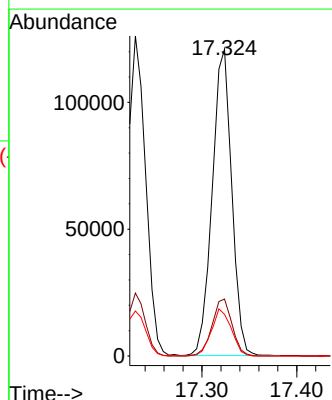
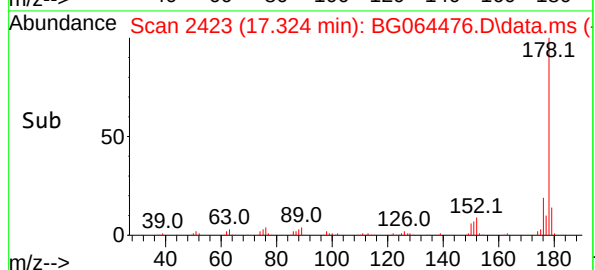
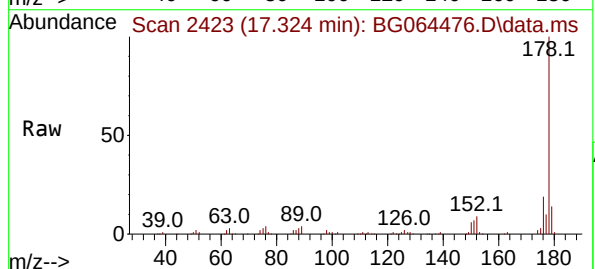
Reviewed By :Rahul  
Chavli  
10/03/2025

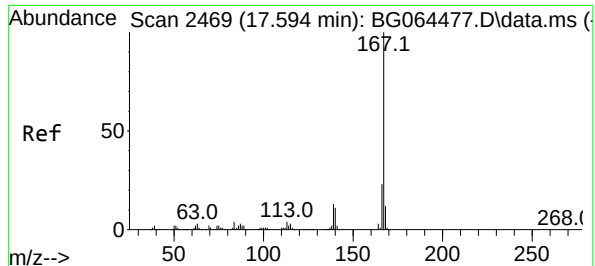
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#72  
Anthracene  
Concen: 19.904 ng  
RT: 17.324 min Scan# 2423  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

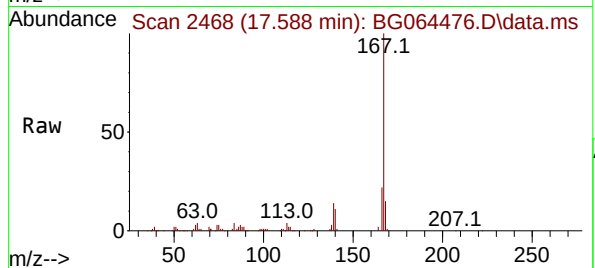
Tgt Ion:178 Resp: 172893  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.6 21.8  
179 13.6 12.5 18.7





#73  
Carbazole  
Concen: 19.939 ng  
RT: 17.588 min Scan# 2469  
Delta R.T. -0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

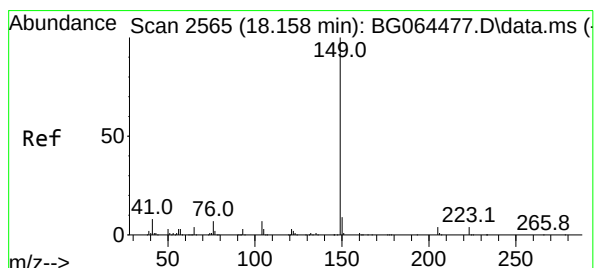
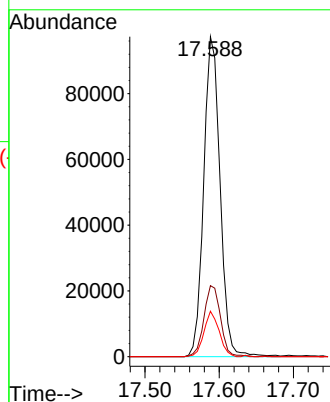
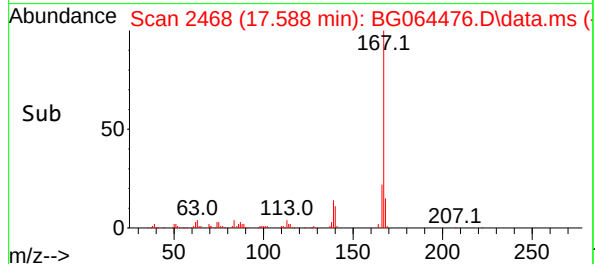


Tgt Ion:167 Resp: 149710  
Ion Ratio Lower Upper  
167 100  
166 22.2 18.6 27.8  
139 14.2 10.2 15.4

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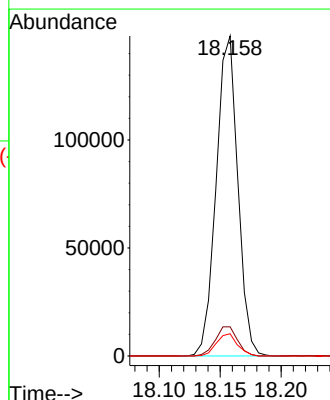
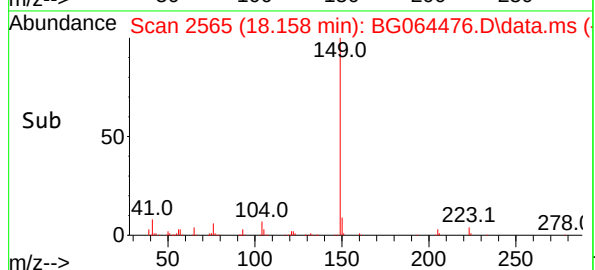
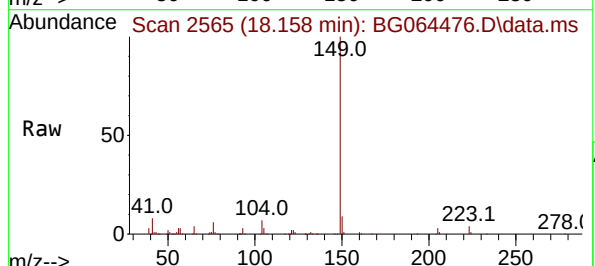
Reviewed By :Rahul  
Chavli  
10/03/2025

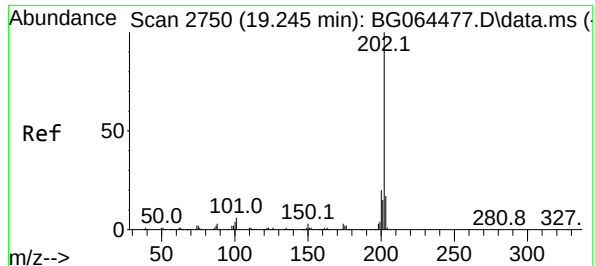
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#74  
Di-n-butylphthalate  
Concen: 19.955 ng  
RT: 18.158 min Scan# 2565  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

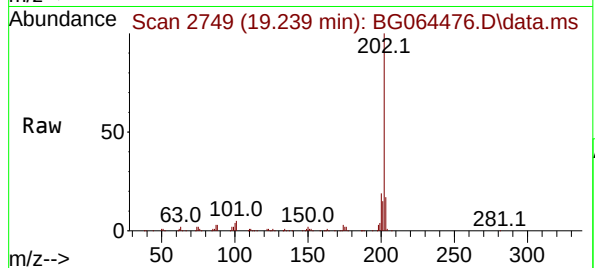
Tgt Ion:149 Resp: 182903  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.4 11.2  
104 6.9 5.3 7.9





#75  
Fluoranthene  
Concen: 20.363 ng  
RT: 19.239 min Scan# 2749  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

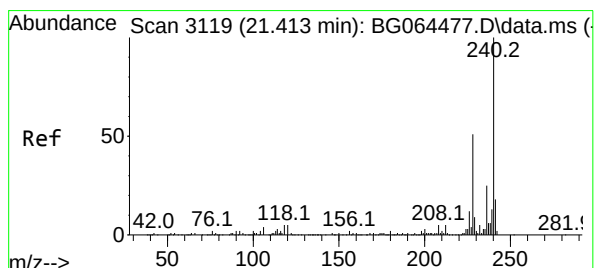
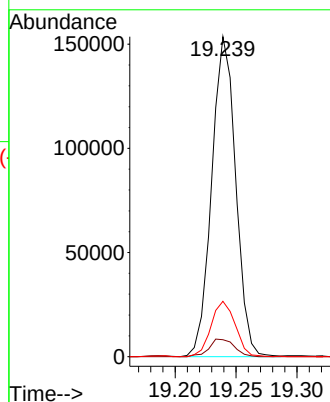
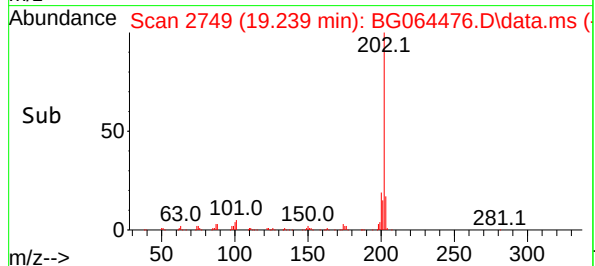


Tgt Ion:202 Resp: 21063  
Ion Ratio Lower Upper  
202 100  
101 5.3 0.0 25.7  
203 17.3 0.0 36.6

Manual Integrations  
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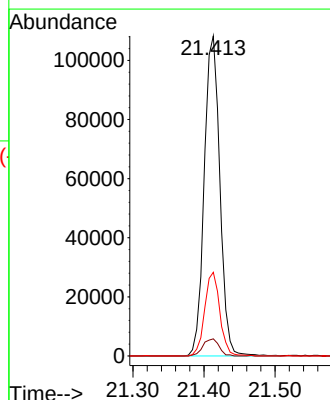
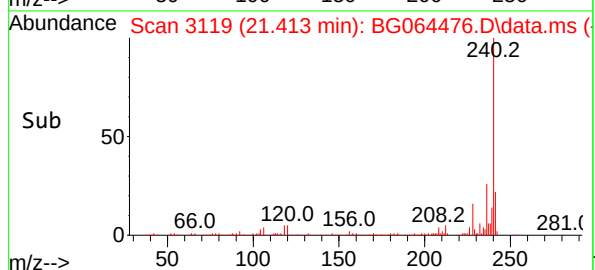
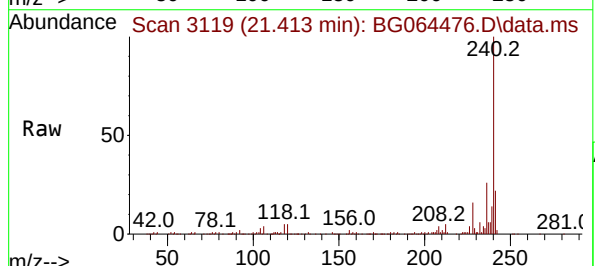
Reviewed By :Rahul  
Chavli  
10/03/2025

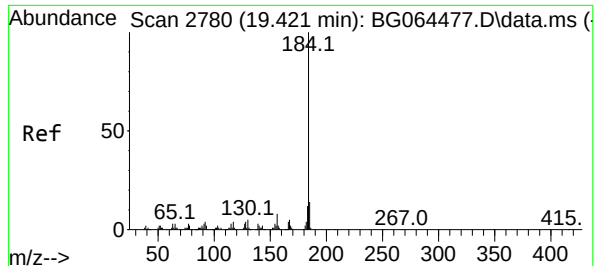
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.413 min Scan# 3119  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

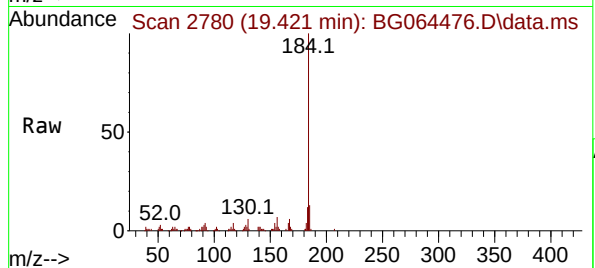
Tgt Ion:240 Resp: 165934  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.3 6.5  
236 26.1 20.4 30.6





#77  
Benzidine  
Concen: 17.050 ng  
RT: 19.421 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

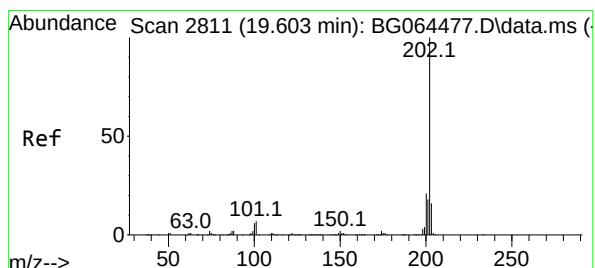
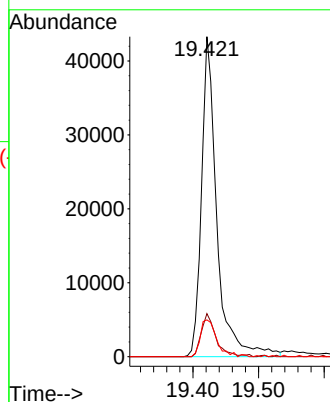
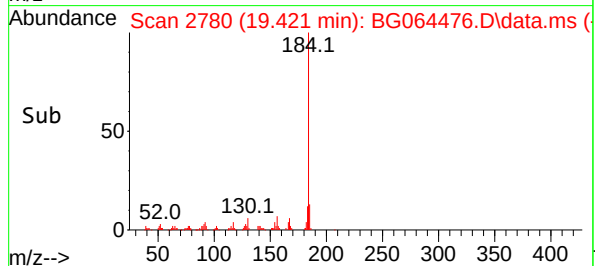


Tgt Ion:184 Resp: 70399  
Ion Ratio Lower Upper  
184 100  
185 13.4 10.9 16.3  
183 11.5 9.8 14.6

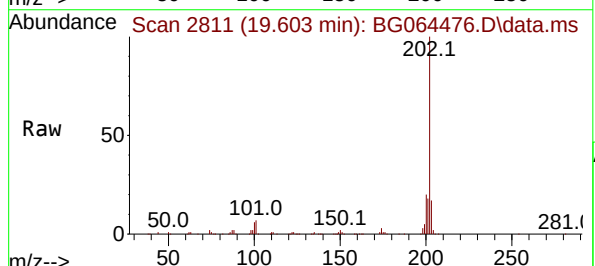
Manual Integrations  
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Reviewed By :Rahul  
Chavli  
10/03/2025

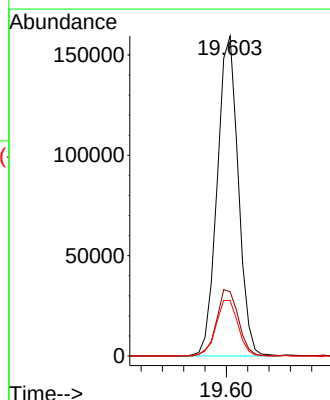
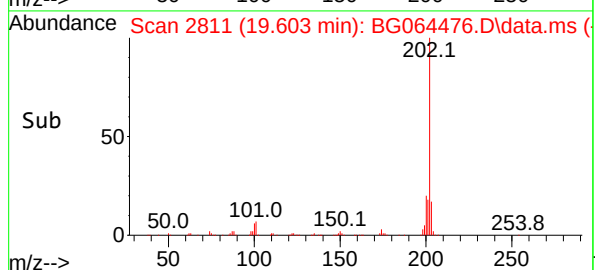
Supervised By :Jagrut  
Upadhyay  
10/03/2025

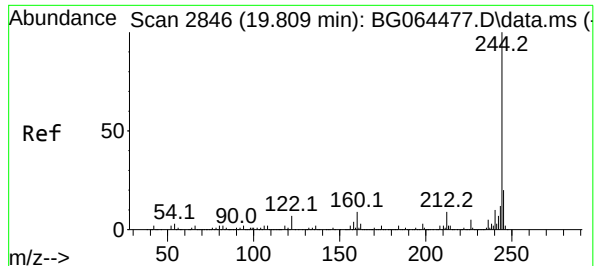


#78  
Pyrene  
Concen: 20.286 ng  
RT: 19.603 min Scan# 2811  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33



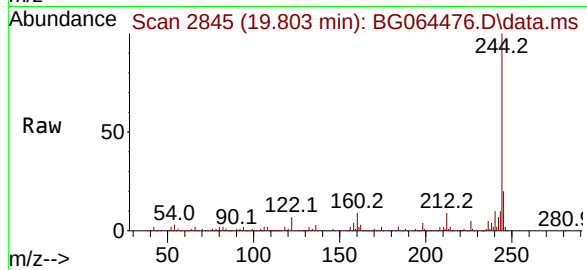
Tgt Ion:202 Resp: 218448  
Ion Ratio Lower Upper  
202 100  
200 20.1 17.0 25.4  
203 17.4 13.0 19.4





#79  
 Terphenyl-d14  
 Concen: 40.467 ng  
 RT: 19.803 min Scan# 2846  
 Delta R.T. -0.003 min  
 Lab File: BG064476.D  
 Acq: 2 Oct 2025 11:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

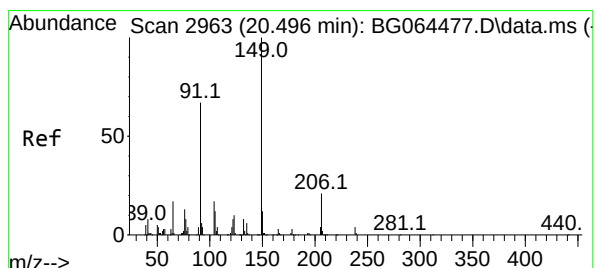
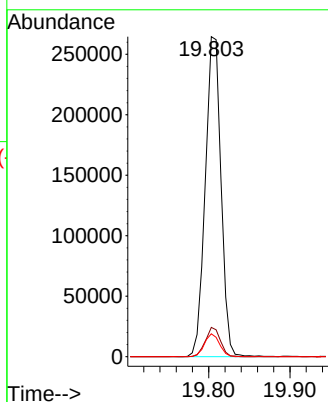
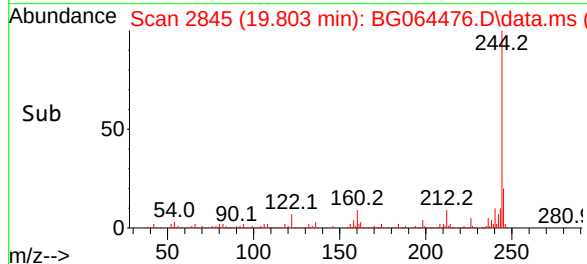


Tgt Ion:244 Resp: 35481  
 Ion Ratio Lower Upper  
 244 100  
 212 9.2 7.0 10.6  
 122 7.1 5.6 8.4

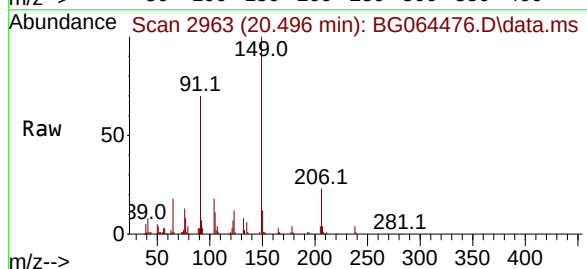
Manual Integrations  
 APPROVED

Reviewed By :Rahul  
 Chavli  
 10/03/2025

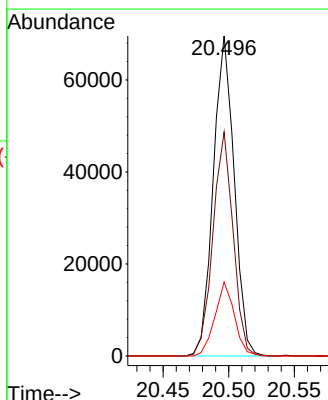
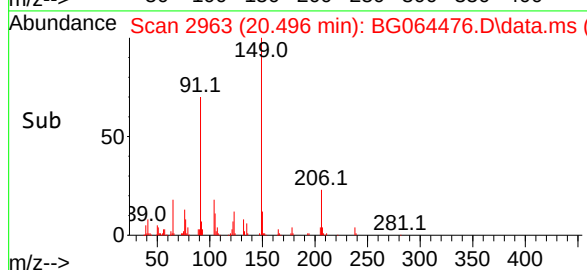
Supervised By :Jagrut  
 Upadhyay  
 10/03/2025

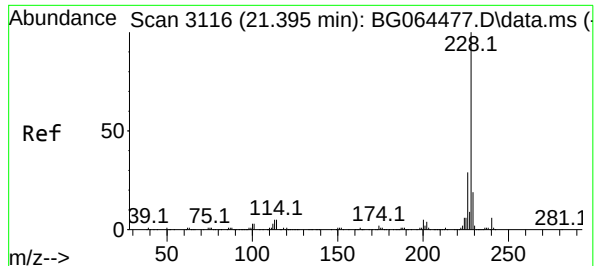


#80  
 Butylbenzylphthalate  
 Concen: 20.174 ng  
 RT: 20.496 min Scan# 2963  
 Delta R.T. -0.003 min  
 Lab File: BG064476.D  
 Acq: 2 Oct 2025 11:33



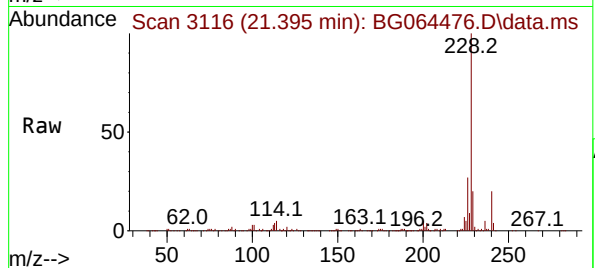
Tgt Ion:149 Resp: 77010  
 Ion Ratio Lower Upper  
 149 100  
 91 70.0 53.7 80.5  
 206 23.1 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 20.119 ng  
RT: 21.395 min Scan# 3116  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

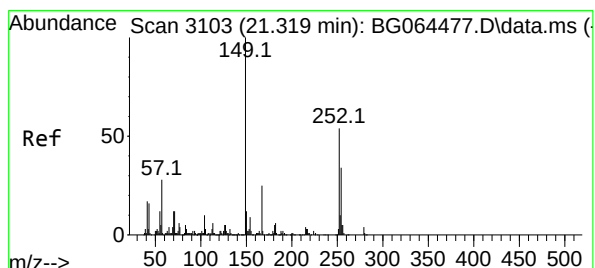
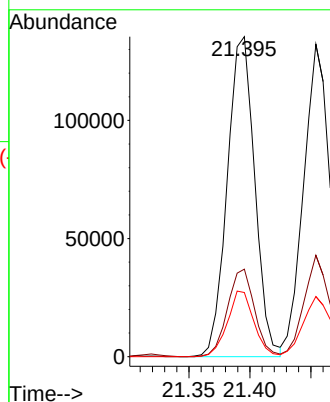
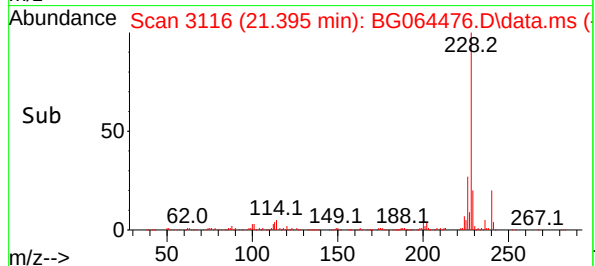


Tgt Ion:228 Resp: 21316  
Ion Ratio Lower Upper  
228 100  
226 27.4 22.8 34.2  
229 20.1 15.2 22.8

Manual Integrations  
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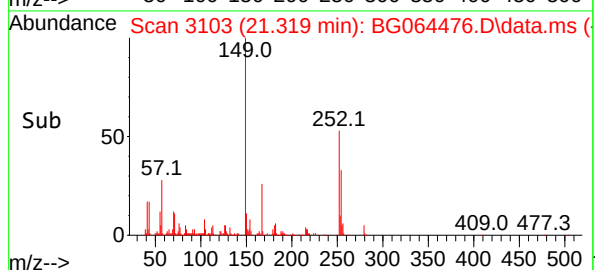
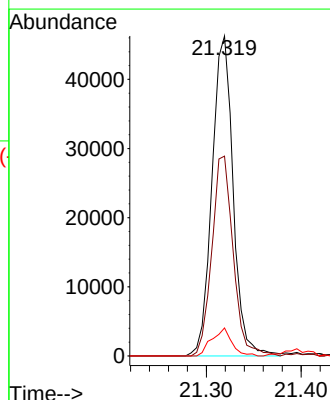
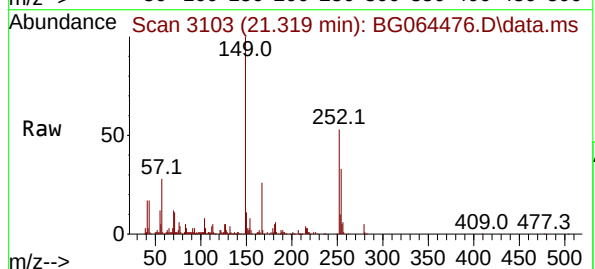
Reviewed By :Rahul  
Chavli  
10/03/2025

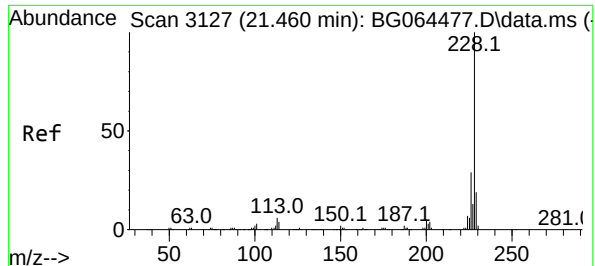
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 19.958 ng  
RT: 21.319 min Scan# 3103  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

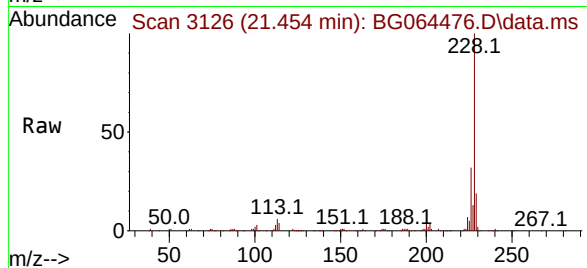
Tgt Ion:252 Resp: 71567  
Ion Ratio Lower Upper  
252 100  
254 62.4 50.5 75.7  
126 8.7 7.1 10.7





#83  
Chrysene  
Concen: 19.732 ng  
RT: 21.454 min Scan# 3126  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



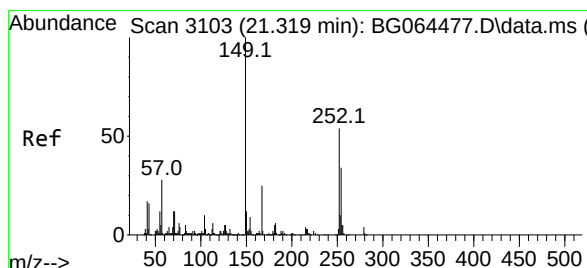
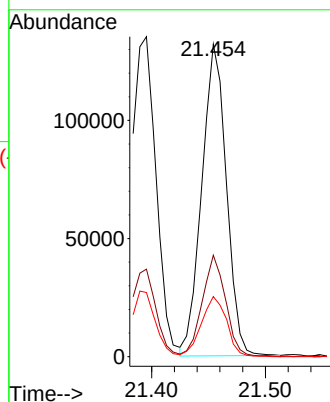
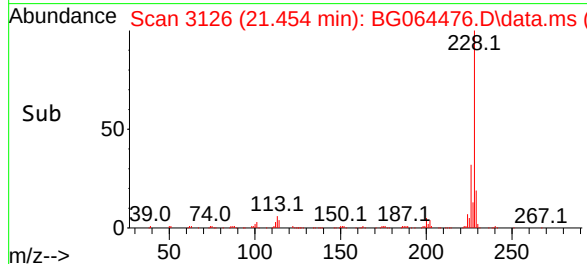
Tgt Ion:228 Resp: 198263  
Ion Ratio Lower Upper  
228 100  
226 32.4 22.8 34.2  
229 19.3 15.4 23.0

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Chavli

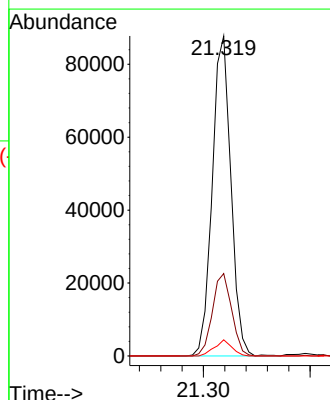
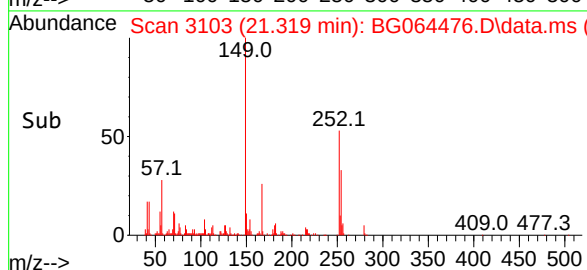
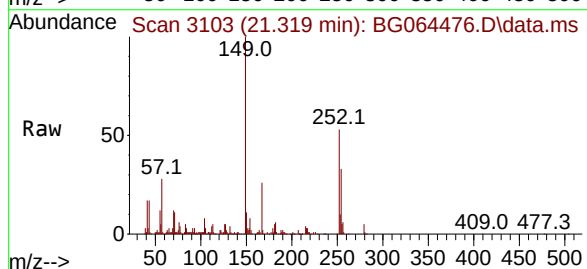
10/03/2025

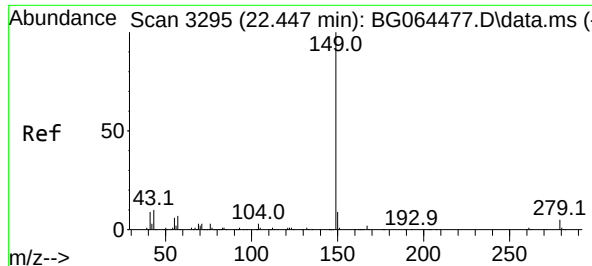
Supervised By :Jagrut  
Upadhyay  
10/03/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 19.731 ng  
RT: 21.319 min Scan# 3103  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

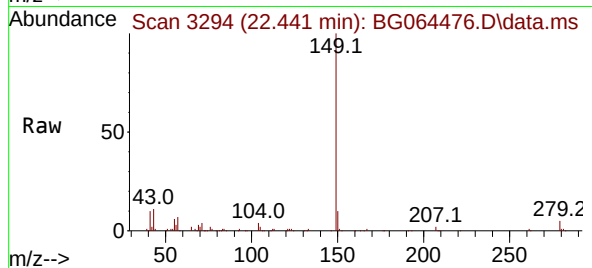
Tgt Ion:149 Resp: 106271  
Ion Ratio Lower Upper  
149 100  
167 25.7 19.7 29.5  
279 5.0 3.4 5.2





#85  
Di-n-octyl phthalate  
Concen: 19.247 ng  
RT: 22.441 min Scan# 3294  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

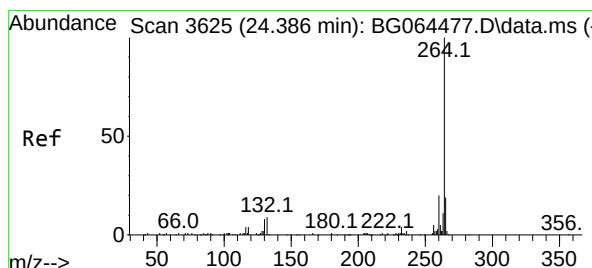
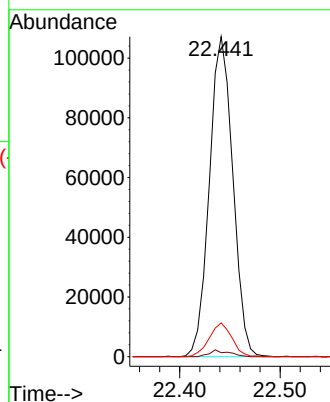
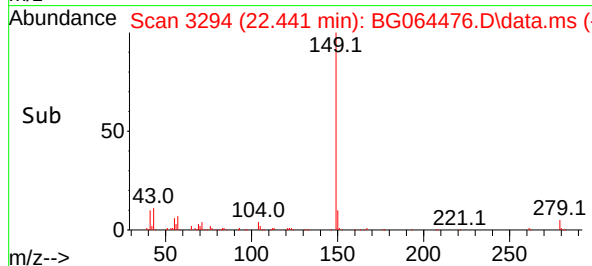


Tgt Ion:149 Resp: 174229  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 10.2 7.9 11.9

Manual Integrations  
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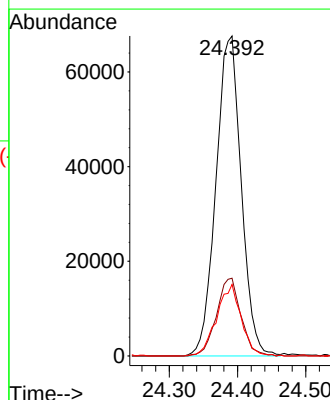
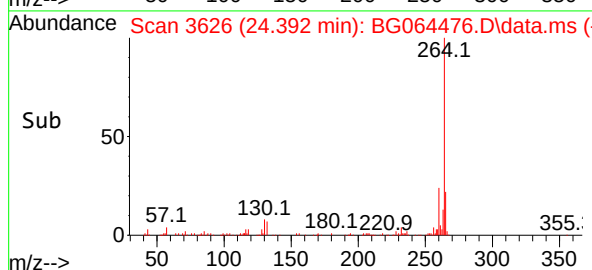
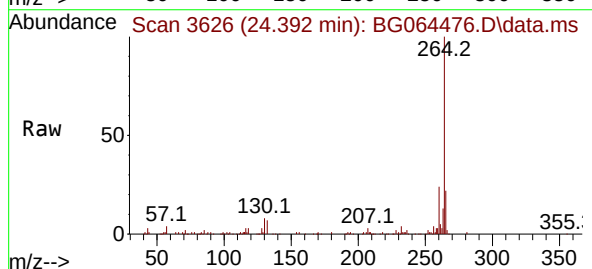
Reviewed By :Rahul  
Chavli  
10/03/2025

Supervised By :Jagrut  
Upadhyay  
10/03/2025

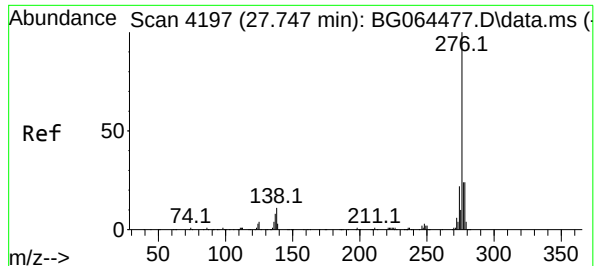


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.392 min Scan# 3626  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:264 Resp: 174482  
Ion Ratio Lower Upper  
264 100  
260 24.3 16.2 24.4  
265 22.4 15.0 22.4







#87

Indeno(1,2,3-cd)pyrene

Concen: 19.796 ng

RT: 27.735 min Scan# 4197

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 24042

Ion Ratio Lower Upper

276 100

138 13.5 10.8 16.2

277 24.2 20.3 30.5

Manual Integrations

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Reviewed By :Rahul

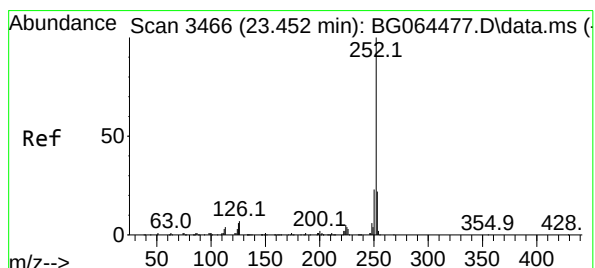
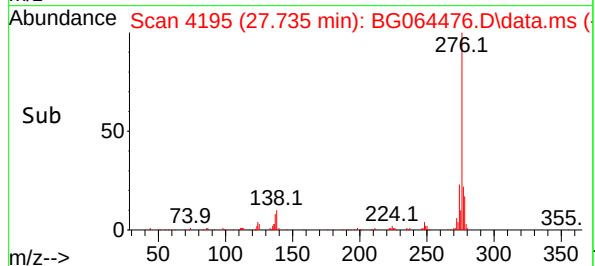
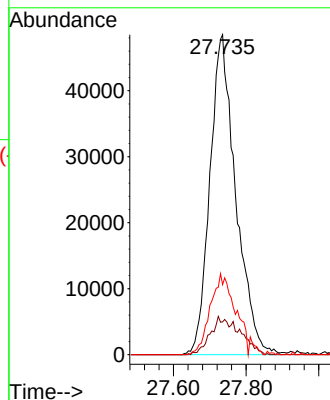
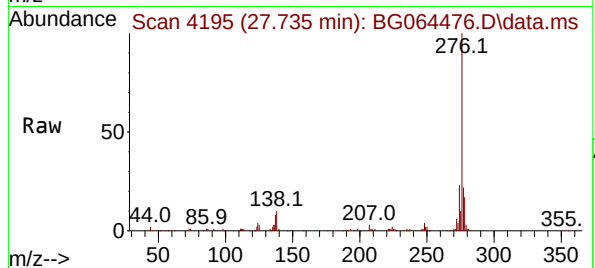
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#88

Benzo(b)fluoranthene

Concen: 20.591 ng

RT: 23.446 min Scan# 3465

Delta R.T. -0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

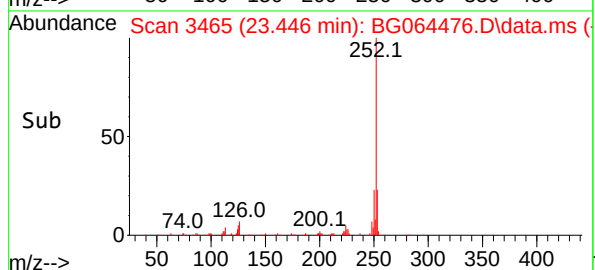
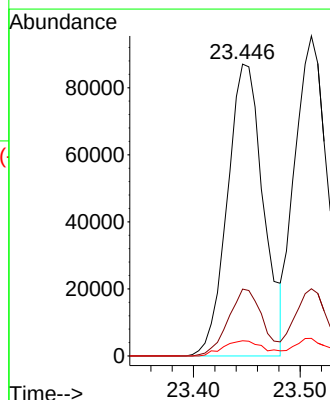
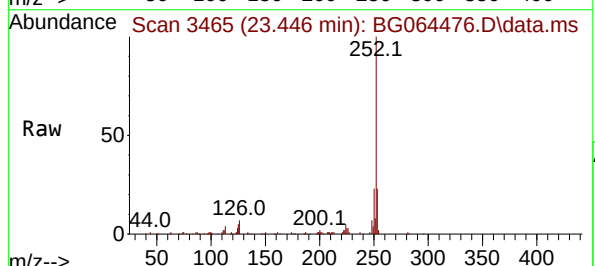
Tgt Ion:252 Resp: 204393

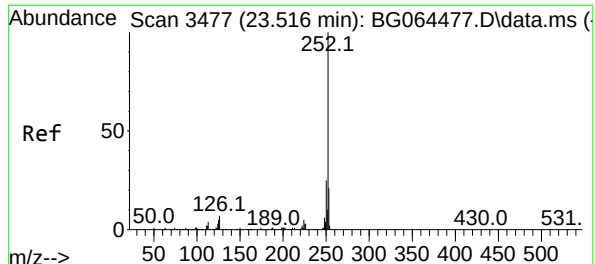
Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 5.2 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 19.991 ng

RT: 23.511 min Scan# 3477

Delta R.T. 0.003 min

Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 19985

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.0  | 17.4  | 26.2  |
| 125 | 5.5   | 4.0   | 6.0   |

Manual Integrations

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Reviewed By :Rahul

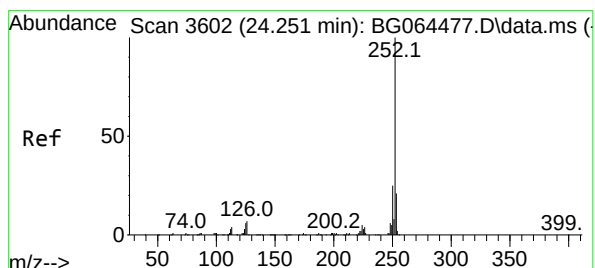
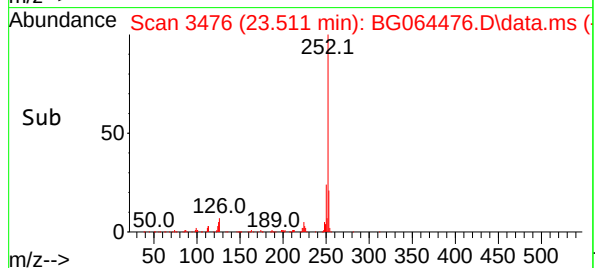
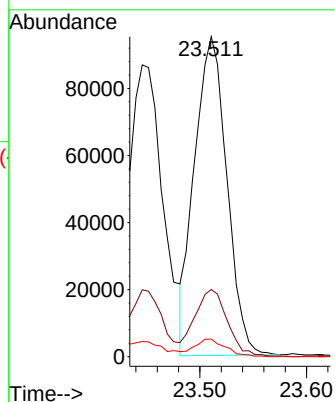
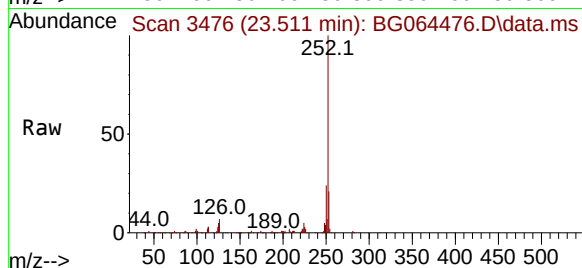
Chavli

10/03/2025

Supervised By :Jagrut

Upadhyay

10/03/2025



#90

Benzo(a)pyrene

Concen: 20.191 ng

RT: 24.245 min Scan# 3601

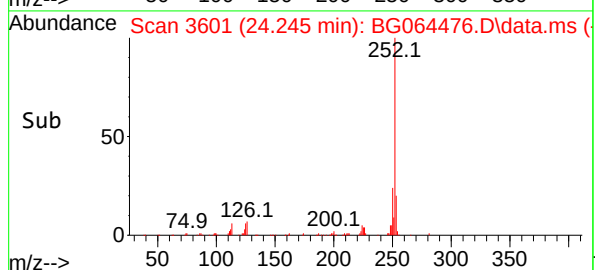
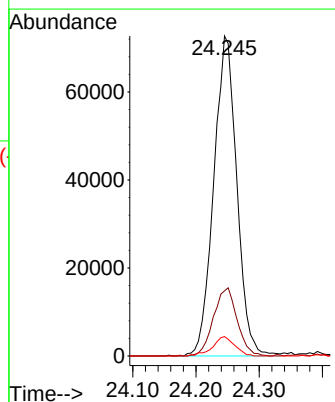
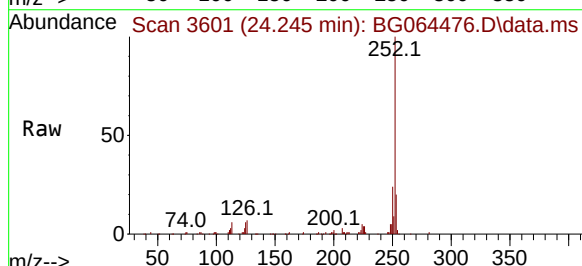
Delta R.T. -0.003 min

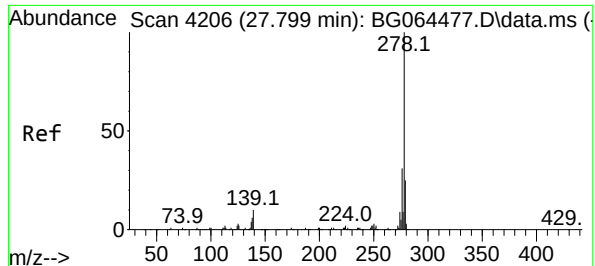
Lab File: BG064476.D

Acq: 2 Oct 2025 11:33

Tgt Ion:252 Resp: 184712

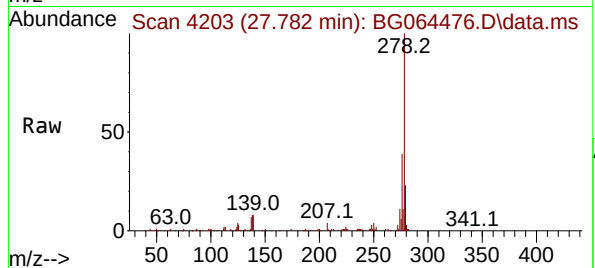
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.3  | 17.1  | 25.7  |
| 125 | 6.1   | 4.6   | 6.8   |





#91  
Dibenzo(a,h)anthracene  
Concen: 20.134 ng  
RT: 27.782 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

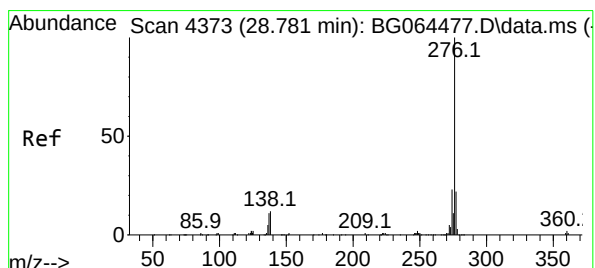
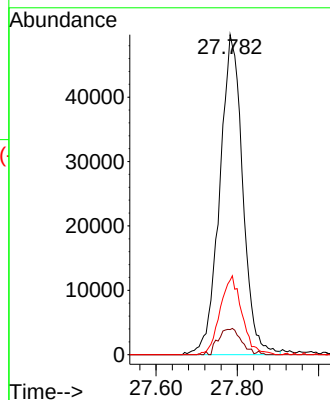
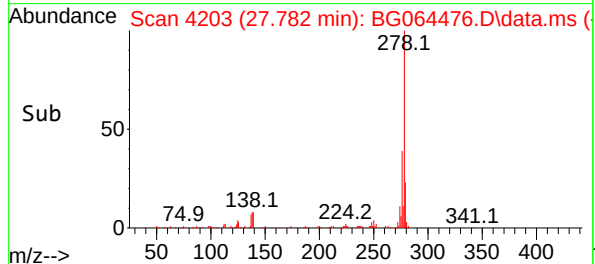


Tgt Ion:278 Resp: 19555  
Ion Ratio Lower Upper  
278 100  
139 7.9 8.2 12.2  
279 23.3 19.6 29.4

Manual Integrations  
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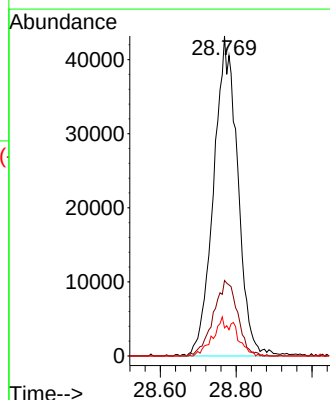
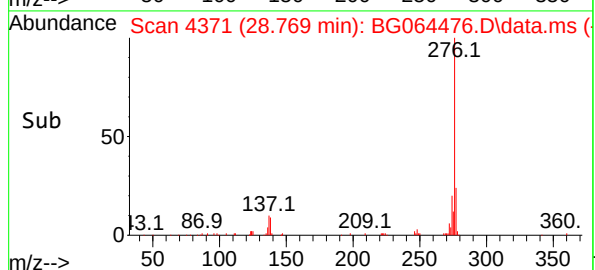
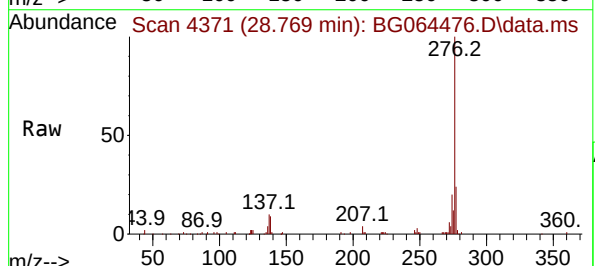
Reviewed By :Rahul  
Chavli  
10/03/2025

Supervised By :Jagrut  
Upadhyay  
10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 20.108 ng  
RT: 28.769 min Scan# 4371  
Delta R.T. 0.003 min  
Lab File: BG064476.D  
Acq: 2 Oct 2025 11:33

Tgt Ion:276 Resp: 189789  
Ion Ratio Lower Upper  
276 100  
277 23.6 17.8 26.6  
138 8.7 9.4 14.0#



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064477.D  
 Acq On : 2 Oct 2025 12:14  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.823  | 152  | 16827    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.614 | 136  | 74350    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.450 | 164  | 56405    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.188 | 188  | 137065   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.413 | 240  | 137806   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.386 | 264  | 147142   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.408  | 112  | 80402    | 88.428 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.000  | 99   | 109762   | 89.832 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.974  | 82   | 117636   | 85.074 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.937 | 330  | 85878    | 83.995 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.076 | 172  | 323605   | 84.566 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.809 | 244  | 619099   | 85.021 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 14750    | 41.013 | ng    | 100      |
| 3) Pyridine                   | 3.716  | 79   | 41592    | 43.032 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 29056    | 41.468 | ng    | 100      |
| 6) Aniline                    | 7.153  | 93   | 67996    | 44.118 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.394  | 128  | 48971    | 43.861 | ng    | 100      |
| 9) Benzaldehyde               | 6.965  | 77   | 51397m   | 47.387 | ng    |          |
| 10) Phenol                    | 7.024  | 94   | 56653    | 43.953 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.247  | 93   | 38161    | 43.717 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.711  | 146  | 53245    | 43.595 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.858  | 146  | 53223    | 43.419 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.175  | 146  | 51602    | 42.713 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.058  | 79   | 48695    | 43.275 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.346  | 45   | 60702    | 43.142 | ng    | 100      |
| 17) 2-Methylphenol            | 8.269  | 107  | 40881    | 43.800 | ng    | 100      |
| 18) Hexachloroethane          | 8.904  | 117  | 20312    | 41.981 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.628  | 70   | 36888    | 45.142 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.593  | 107  | 57201    | 43.917 | ng    | 100      |
| 22) Acetophenone              | 8.640  | 105  | 76751    | 42.634 | ng    | 100      |
| 24) Nitrobenzene              | 9.021  | 77   | 58730    | 42.592 | ng    | 100      |
| 25) Isophorone                | 9.539  | 82   | 107231   | 42.808 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.727  | 139  | 28524    | 41.564 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.791  | 122  | 44394    | 42.353 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.026 | 93   | 55697    | 43.620 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.261 | 162  | 50964    | 42.046 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.479 | 180  | 56079    | 42.432 | ng    | 100      |
| 31) Naphthalene               | 10.661 | 128  | 164638   | 43.002 | ng    | 100      |
| 32) Benzoic acid              | 9.944  | 122  | 34057m   | 42.319 | ng    |          |
| 33) 4-Chloroaniline           | 10.767 | 127  | 62035    | 42.224 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.949 | 225  | 47047    | 41.566 | ng    | 100      |
| 35) Caprolactam               | 11.542 | 113  | 17062    | 41.118 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.900 | 107  | 62176    | 42.181 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.271 | 142  | 125298   | 42.634 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.488 | 142  | 122645   | 41.851 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.641 | 216  | 79864    | 43.852 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.623 | 237  | 40946    | 42.981 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.882 | 196  | 50247    | 43.159 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064477.D  
 Acq On : 2 Oct 2025 12:14  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:52:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

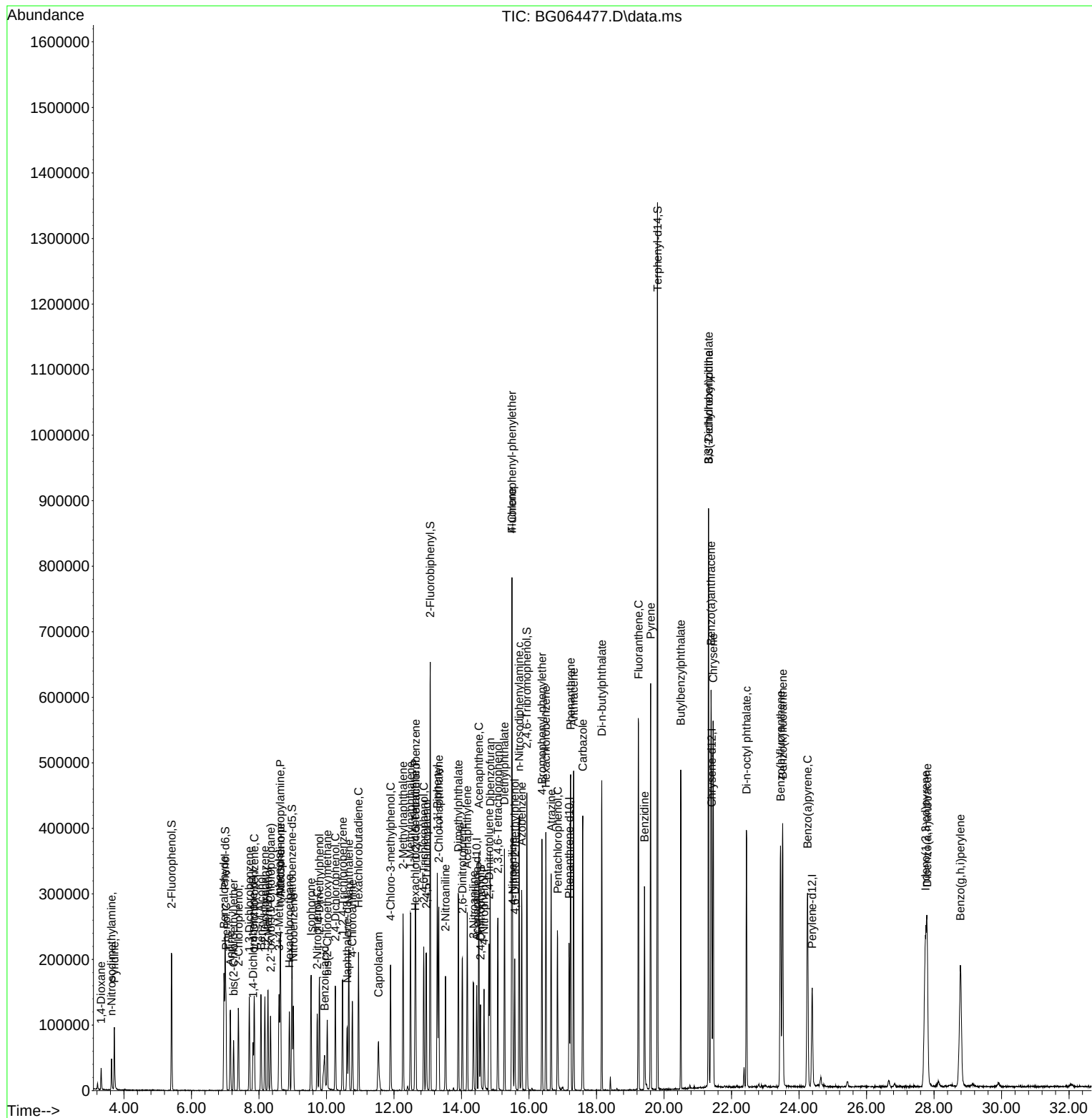
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.958 | 196  | 54781    | 42.147 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.287 | 154  | 171549   | 42.286 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.328 | 162  | 130095   | 42.951 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.528 | 65   | 44764    | 43.302 | ng    | 100      |
| 49) Acenaphthylene            | 14.168 | 152  | 192196   | 42.745 | ng    | 100      |
| 50) Dimethylphthalate         | 13.910 | 163  | 183253   | 41.482 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.027 | 165  | 38023    | 41.318 | ng    | 100      |
| 52) Acenaphthene              | 14.515 | 154  | 130718   | 41.846 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.356 | 138  | 36025    | 42.448 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.562 | 184  | 23359    | 35.006 | ng    | 100      |
| 55) Dibenzofuran              | 14.850 | 168  | 215338   | 41.749 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.668 | 139  | 29383    | 43.974 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.815 | 165  | 59462    | 42.268 | ng    | 100      |
| 58) Fluorene                  | 15.496 | 166  | 180574   | 42.112 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.079 | 232  | 57000    | 42.971 | ng    | 100      |
| 60) Diethylphthalate          | 15.273 | 149  | 195149   | 41.179 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.496 | 204  | 97895    | 41.818 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.520 | 138  | 37694    | 42.613 | ng    | 100      |
| 63) Azobenzene                | 15.784 | 77   | 151875   | 41.381 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.579 | 198  | 39733    | 41.634 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.708 | 169  | 155849   | 42.580 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.383 | 248  | 69462    | 43.066 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.501 | 284  | 79010    | 42.809 | ng    | 100      |
| 69) Atrazine                  | 16.660 | 200  | 68458    | 42.039 | ng    | 100      |
| 70) Pentachlorophenol         | 16.848 | 266  | 46456    | 43.049 | ng    | 100      |
| 71) Phenanthrene              | 17.235 | 178  | 304441   | 42.473 | ng    | 100      |
| 72) Anthracene                | 17.324 | 178  | 309798   | 43.082 | ng    | 100      |
| 73) Carbazole                 | 17.594 | 167  | 270505   | 43.520 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.158 | 149  | 325874   | 42.948 | ng    | 100      |
| 75) Fluoranthene              | 19.245 | 202  | 364596   | 42.577 | ng    | 100      |
| 77) Benzidine                 | 19.421 | 184  | 178853   | 52.157 | ng    | 100      |
| 78) Pyrene                    | 19.603 | 202  | 383571   | 42.890 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.496 | 149  | 136961   | 43.202 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.395 | 228  | 373009   | 42.392 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.319 | 252  | 126107   | 42.345 | ng    | 100      |
| 83) Chrysene                  | 21.460 | 228  | 357557   | 42.849 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.319 | 149  | 190838   | 42.664 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.447 | 149  | 317830   | 42.277 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.747 | 276  | 439448   | 42.906 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.452 | 252  | 356780   | 42.621 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.516 | 252  | 362948   | 43.050 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.251 | 252  | 330197   | 42.800 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.799 | 278  | 350192   | 42.755 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.781 | 276  | 339180   | 42.613 | ng    | 100      |

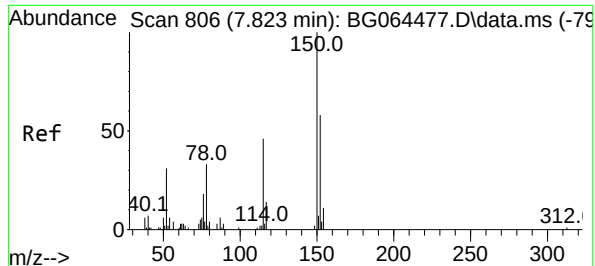
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICCC040

## Manual Integrations APPROVED

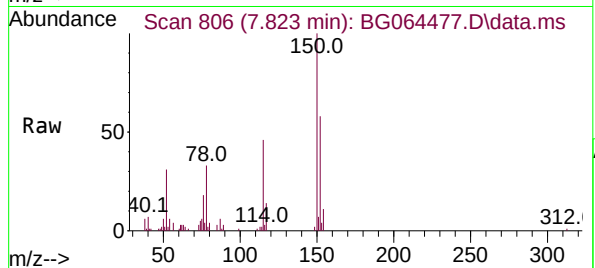
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.823 min Scan# 806  
Delta R.T. 0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

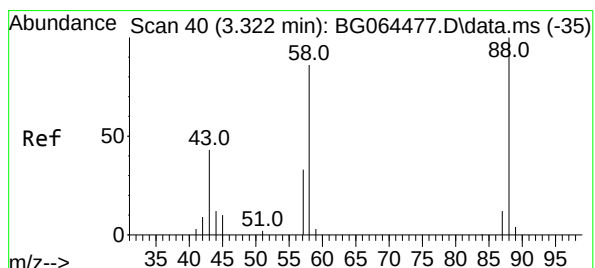
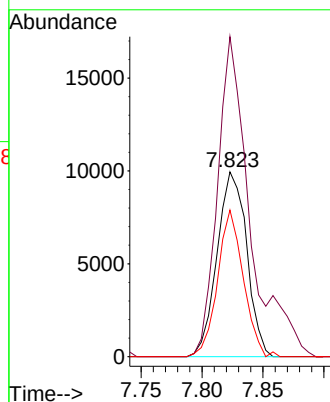
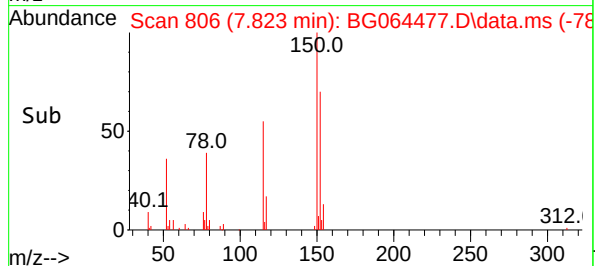
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:152 Resp: 16827  
Ion Ratio Lower Upper  
152 100  
150 173.2 138.6 207.8  
115 79.3 63.4 95.2

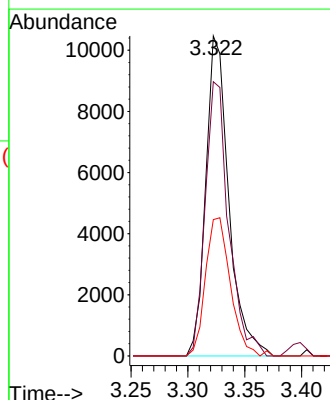
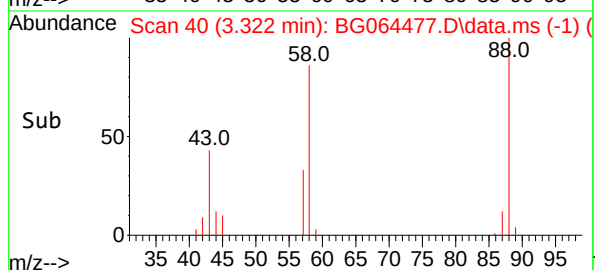
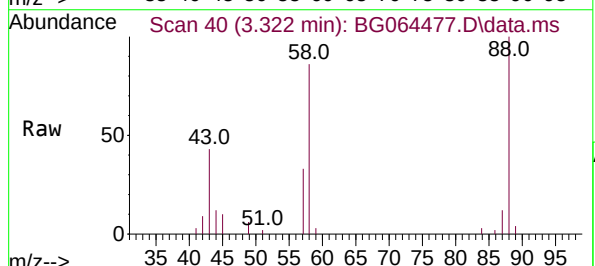
Manual Integrations  
APPROVED

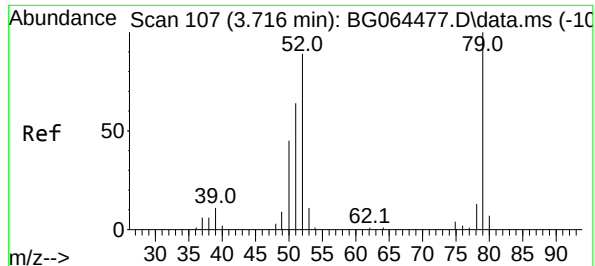
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#2  
1,4-Dioxane  
Concen: 41.013 ng  
RT: 3.322 min Scan# 40  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion: 88 Resp: 14750  
Ion Ratio Lower Upper  
88 100  
58 87.2 69.8 104.6  
43 46.7 37.4 56.0





#3

Pyridine

Concen: 43.032 ng

RT: 3.716 min Scan# 107

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

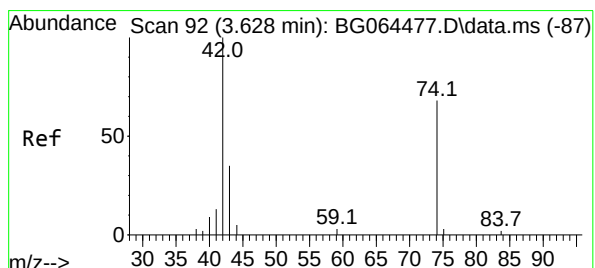
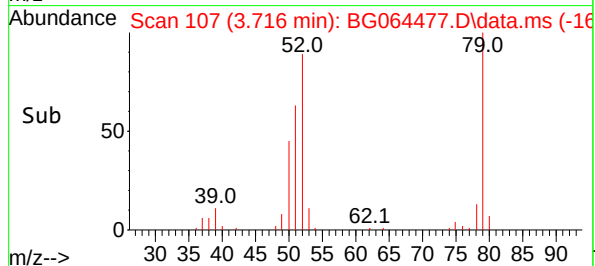
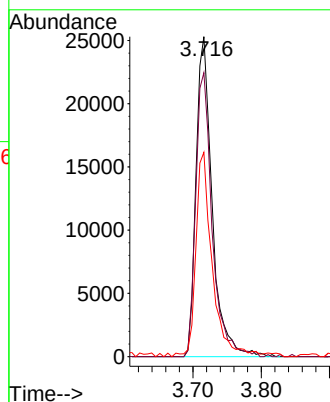
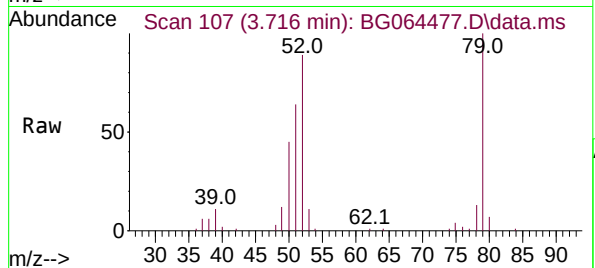
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 41592 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 88.7  | 71.0  | 106.4 |
| 51       | 63.8  | 51.0  | 76.6  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#4

n-Nitrosodimethylamine

Concen: 41.468 ng

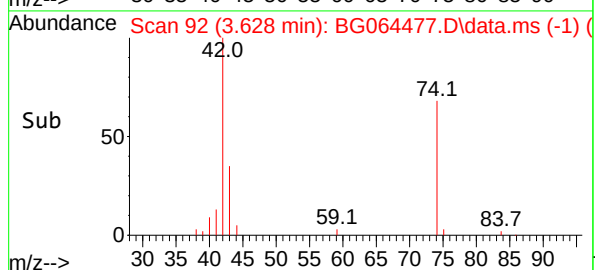
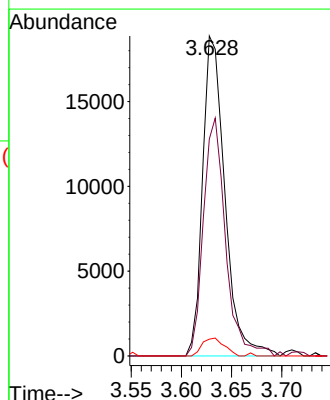
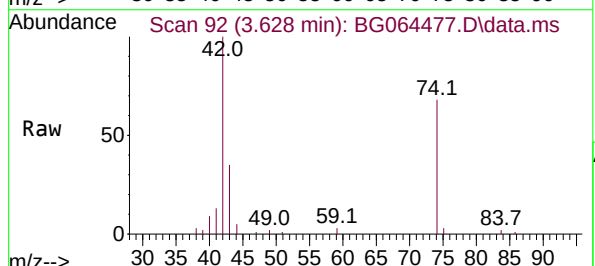
RT: 3.628 min Scan# 92

Delta R.T. 0.002 min

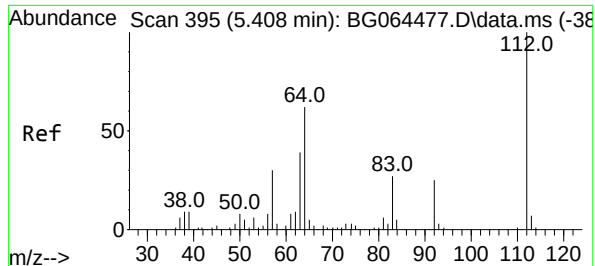
Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 29056 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 67.8  | 54.2  | 81.4  |
| 44       | 5.2   | 4.2   | 6.2   |

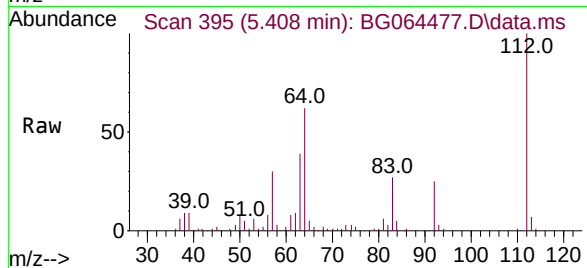






#5  
2-Fluorophenol  
Concen: 88.428 ng  
RT: 5.408 min Scan# 395  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

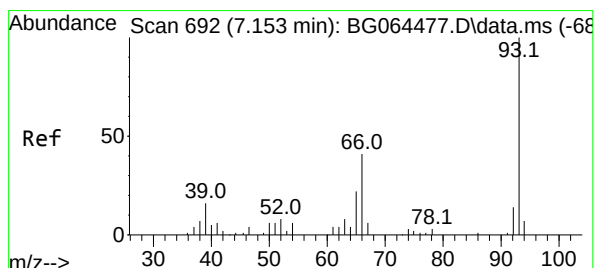
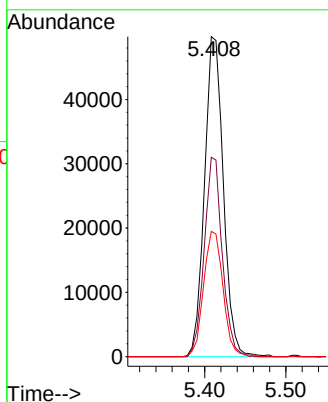
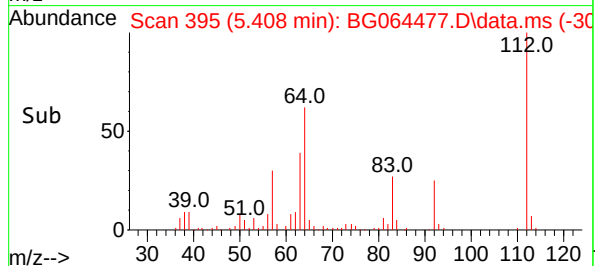
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:112 Resp: 80402  
Ion Ratio Lower Upper  
112 100  
64 62.3 49.8 74.8  
63 39.1 31.3 46.9

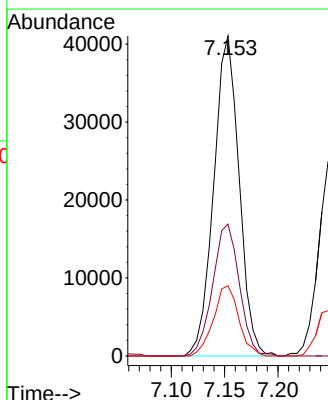
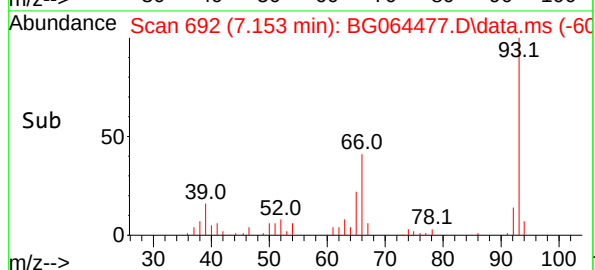
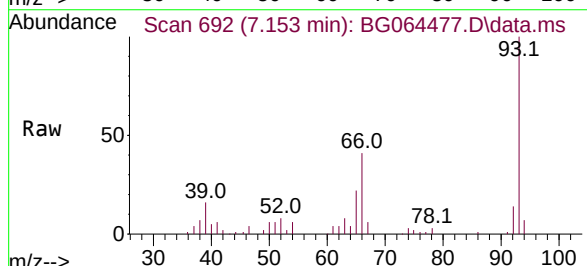
Manual Integrations  
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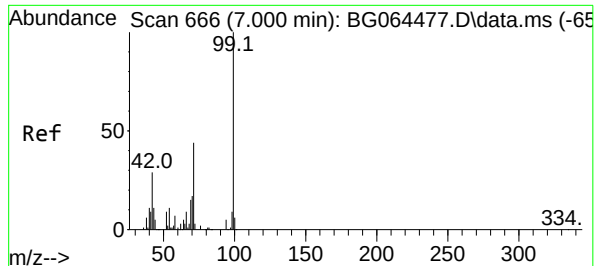
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#6  
Aniline  
Concen: 44.118 ng  
RT: 7.153 min Scan# 692  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion: 93 Resp: 67996  
Ion Ratio Lower Upper  
93 100  
66 41.2 33.0 49.4  
65 21.9 17.5 26.3





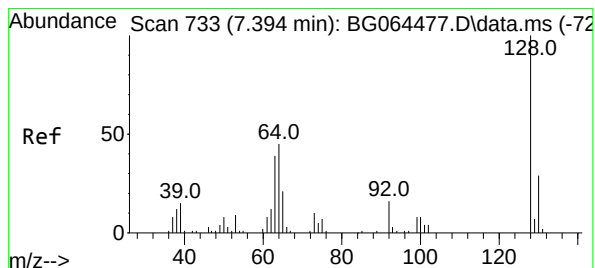
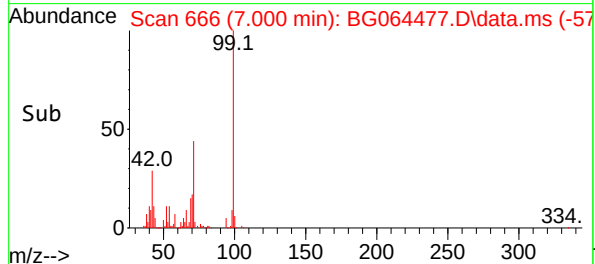
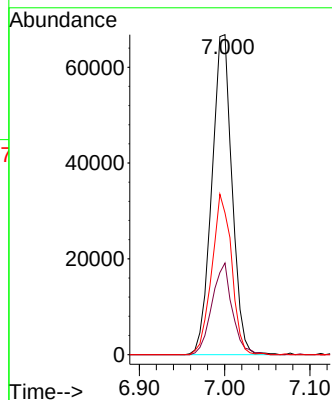
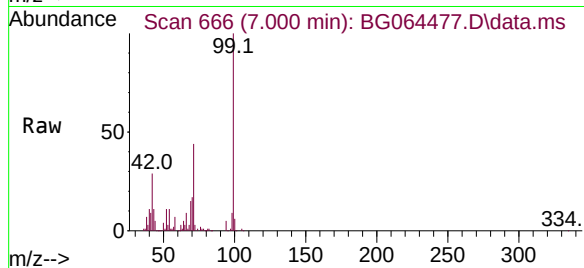
#7  
Phenol-d6  
Concen: 89.832 ng  
RT: 7.000 min Scan# 666  
Delta R.T. 0.014 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 99 Resp: 109762  
Ion Ratio Lower Upper  
99 100  
42 28.6 22.9 34.3  
71 44.3 35.4 53.2

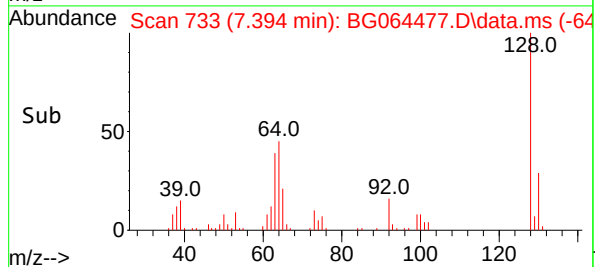
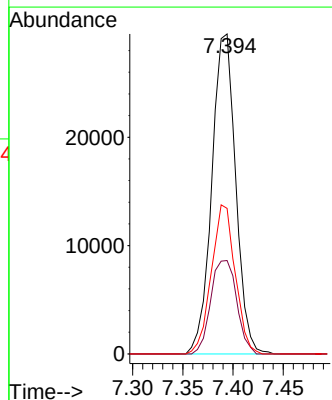
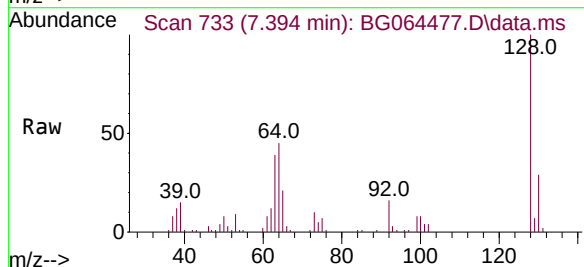
Manual Integrations  
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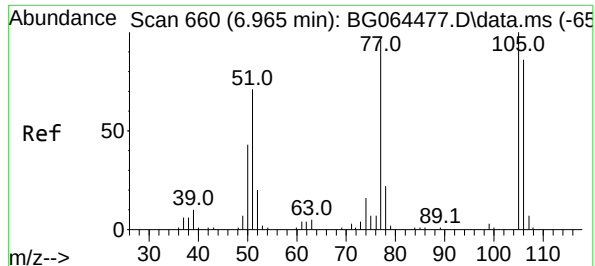
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#8  
2-Chlorophenol  
Concen: 43.861 ng  
RT: 7.394 min Scan# 733  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:128 Resp: 48971  
Ion Ratio Lower Upper  
128 100  
130 29.2 9.2 49.2  
64 45.5 25.5 65.5





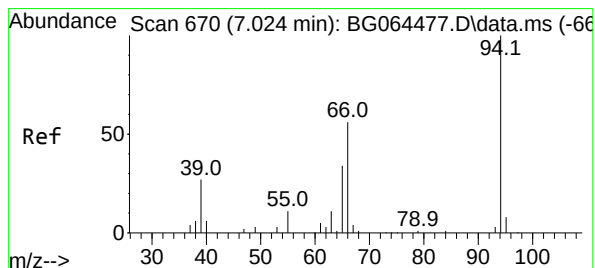
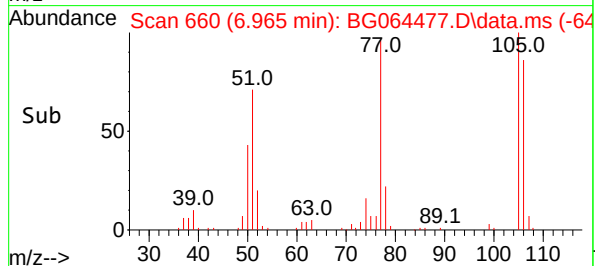
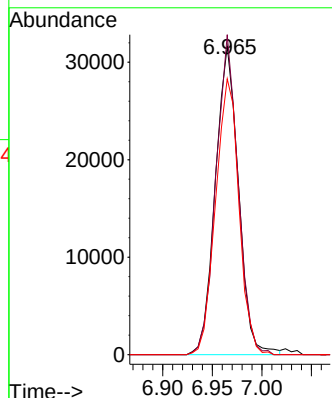
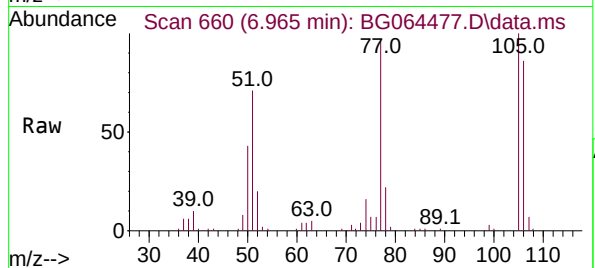
#9  
Benzaldehyde  
Concen: 47.387 ng m  
RT: 6.965 min Scan# 660  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 77 Resp: 51392  
Ion Ratio Lower Upper  
77 100  
105 103.7 83.7 123.7  
106 89.4 69.4 109.4

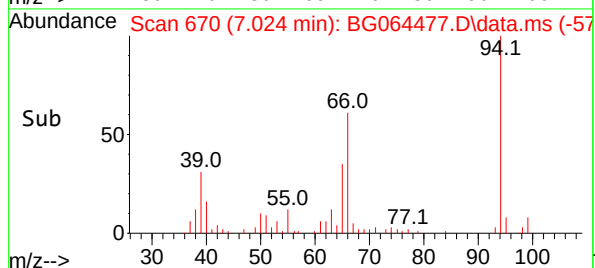
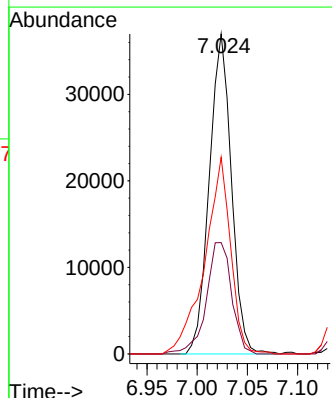
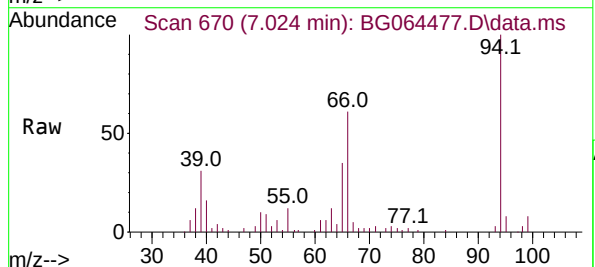
Manual Integrations  
APPROVED

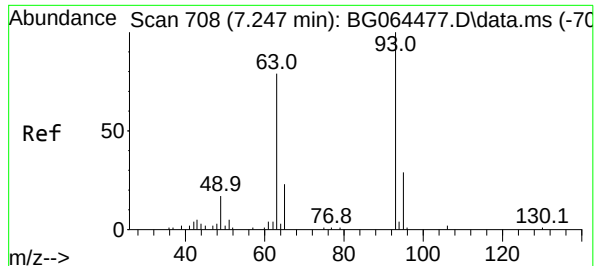
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#10  
Phenol  
Concen: 43.953 ng  
RT: 7.024 min Scan# 670  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion: 94 Resp: 56653  
Ion Ratio Lower Upper  
94 100  
65 34.8 14.8 54.8  
66 61.4 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 43.717 ng

RT: 7.247 min Scan# 708

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 3816

Ion Ratio Lower Upper

93 100

63 79.5 59.5 99.5

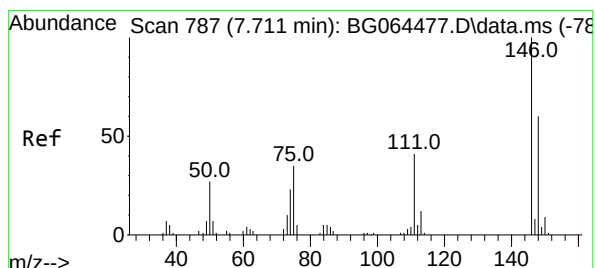
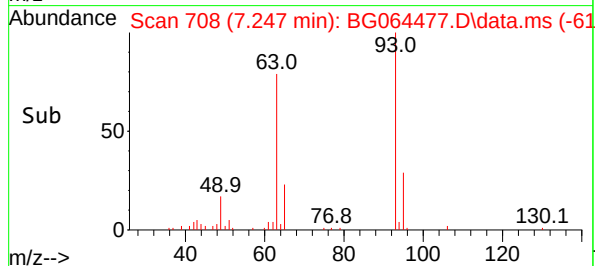
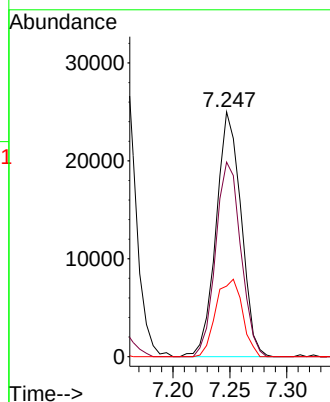
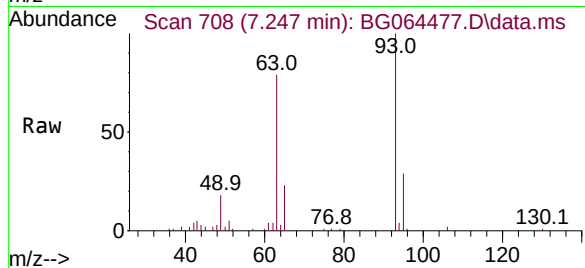
95 28.8 8.8 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 43.595 ng

RT: 7.711 min Scan# 787

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

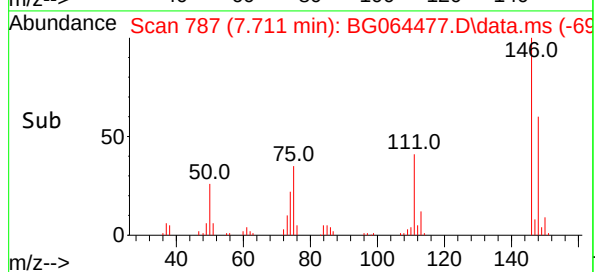
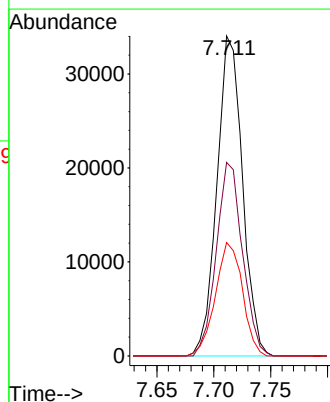
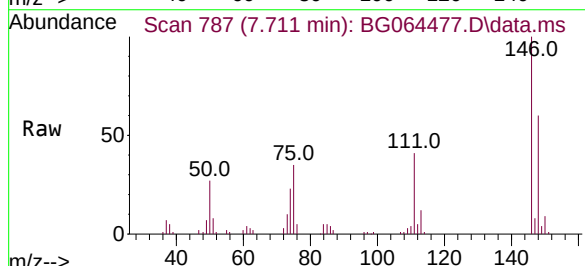
Tgt Ion:146 Resp: 53245

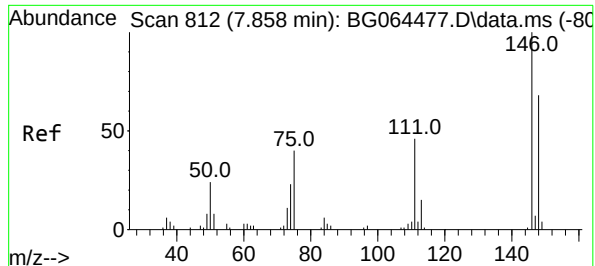
Ion Ratio Lower Upper

146 100

148 60.5 48.4 72.6

75 35.4 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 43.419 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 53223

Ion Ratio Lower Upper

146 100

148 68.0 54.4 81.6

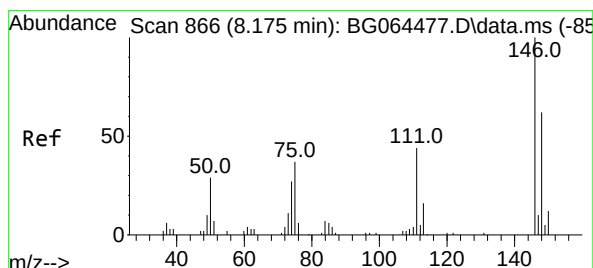
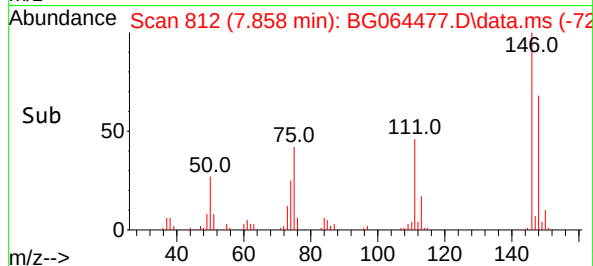
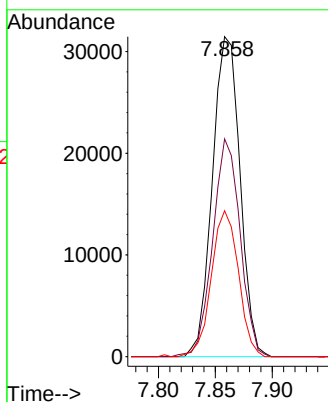
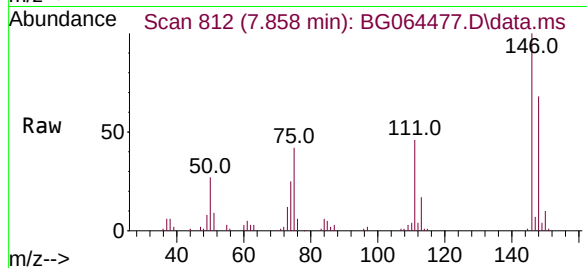
111 45.6 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 42.713 ng

RT: 8.175 min Scan# 866

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

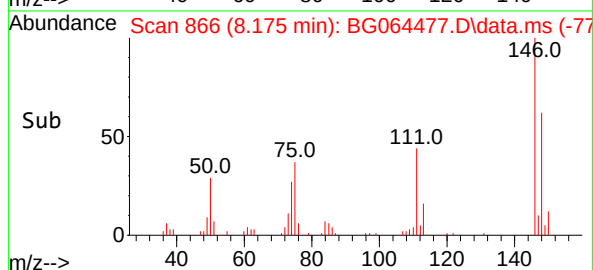
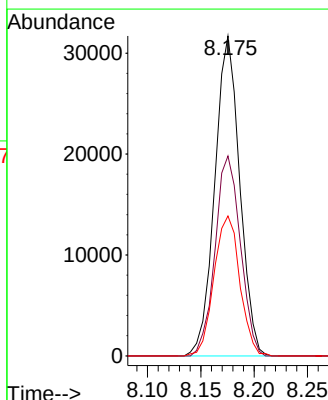
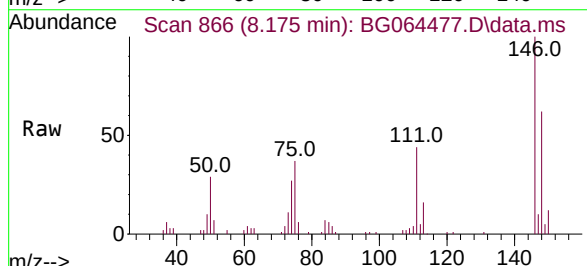
Tgt Ion:146 Resp: 51602

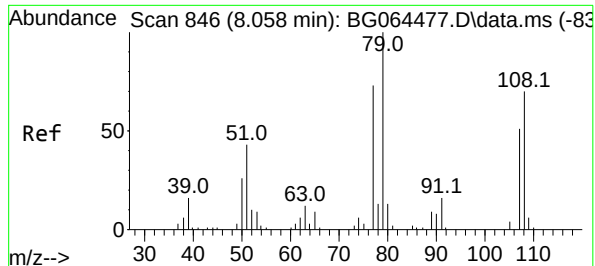
Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

111 43.7 35.0 52.4





#15

Benzyl Alcohol

Concen: 43.275 ng

RT: 8.058 min Scan# 846

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 48695

Ion Ratio Lower Upper

79 100

108 70.5 56.4 84.6

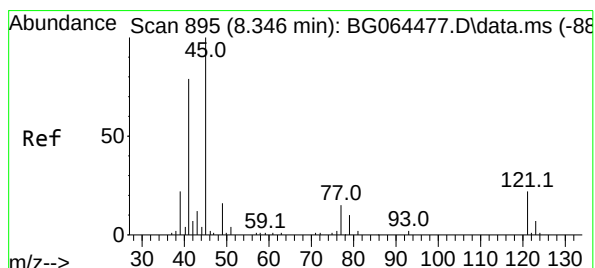
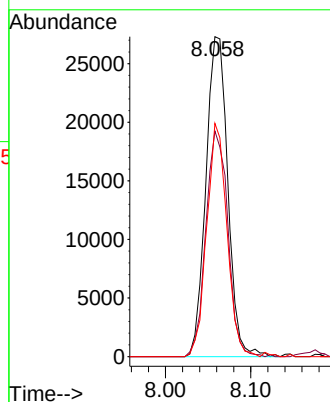
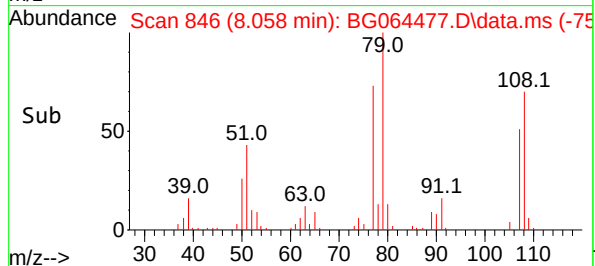
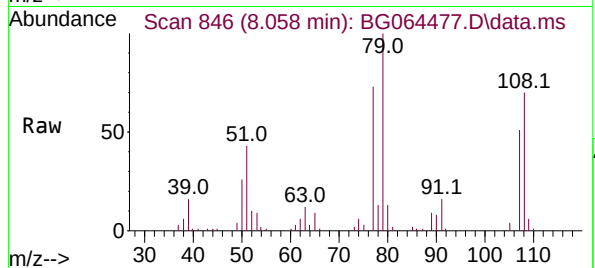
77 72.9 58.3 87.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.142 ng

RT: 8.346 min Scan# 895

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

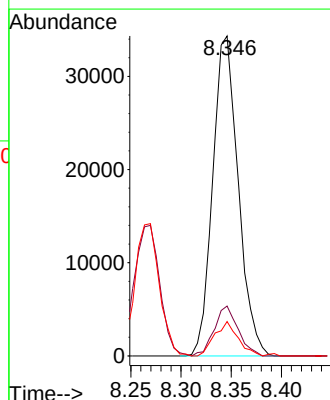
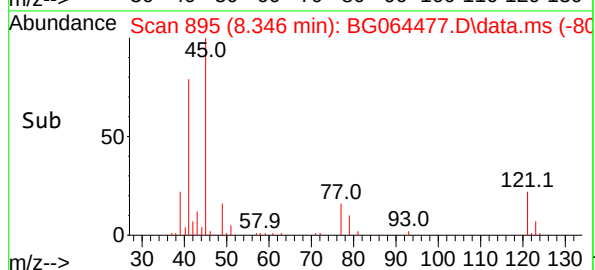
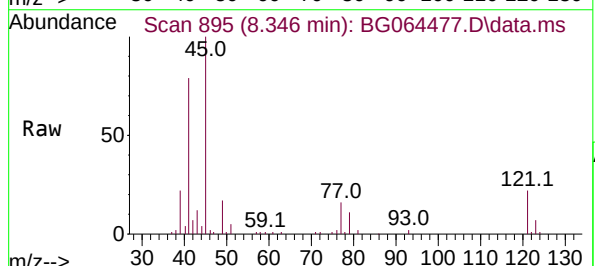
Tgt Ion: 45 Resp: 60702

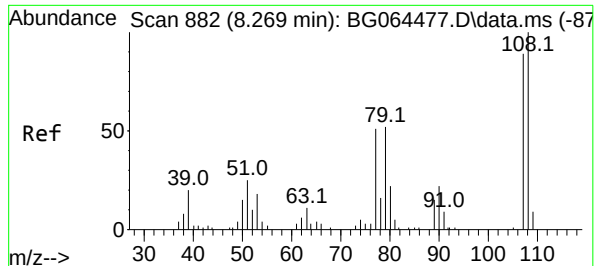
Ion Ratio Lower Upper

45 100

77 15.6 0.0 35.6

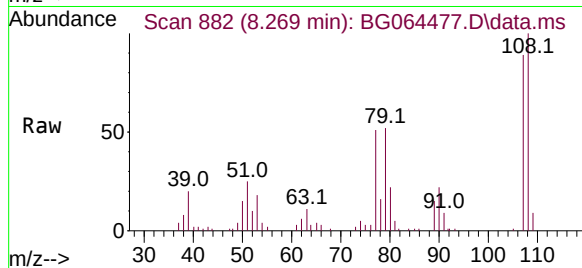
79 10.7 0.0 30.7





#17  
2-Methylphenol  
Concen: 43.800 ng  
RT: 8.269 min Scan# 882  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

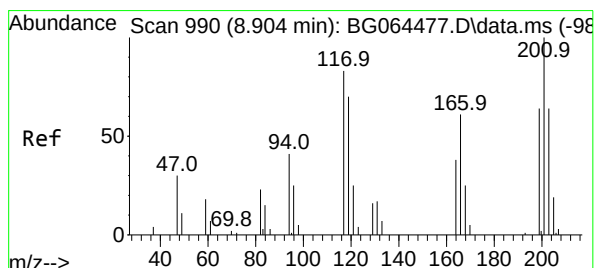
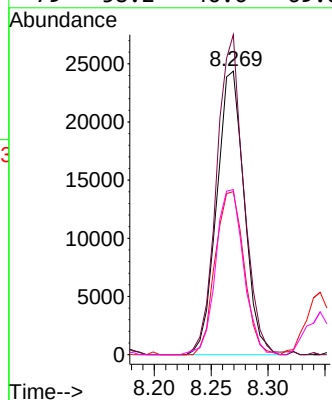
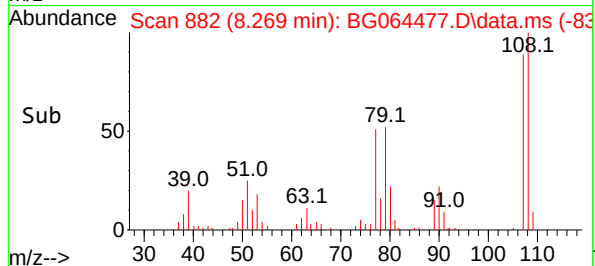
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:107 Resp: 4088  
Ion Ratio Lower Upper  
107 100  
108 112.9 90.3 135.5  
77 57.5 46.0 69.0  
79 58.2 46.6 69.8

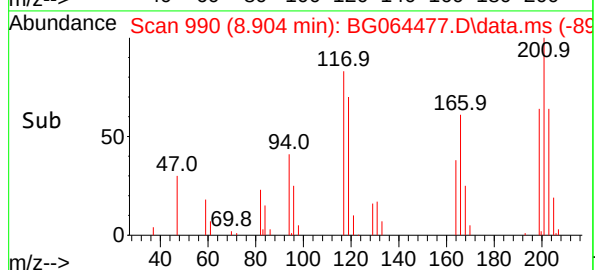
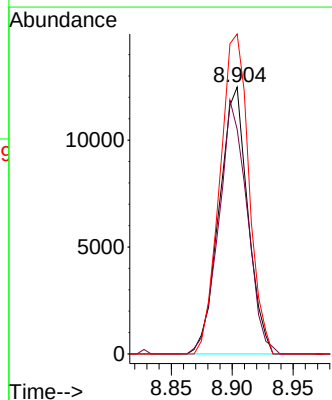
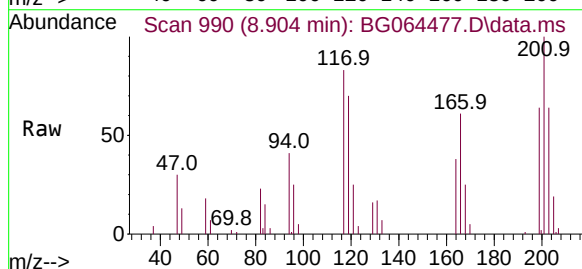
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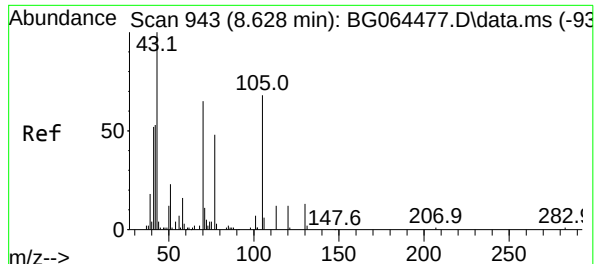
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#18  
Hexachloroethane  
Concen: 41.981 ng  
RT: 8.904 min Scan# 990  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:117 Resp: 20312  
Ion Ratio Lower Upper  
117 100  
119 84.2 67.4 101.0  
201 119.9 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 45.142 ng

RT: 8.628 min Scan# 943

Delta R.T. 0.014 min

Lab File: BG064477.D

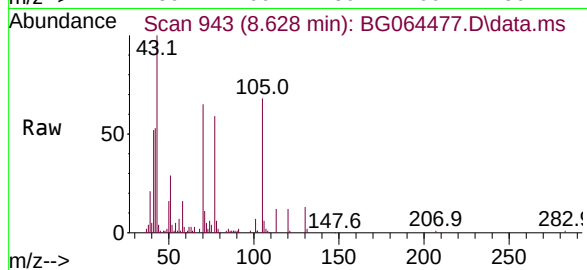
Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



Tgt Ion: 70 Resp: 3688

Ion Ratio Lower Upper

70 100

42 81.1 64.9 97.3

101 10.9 8.7 13.1

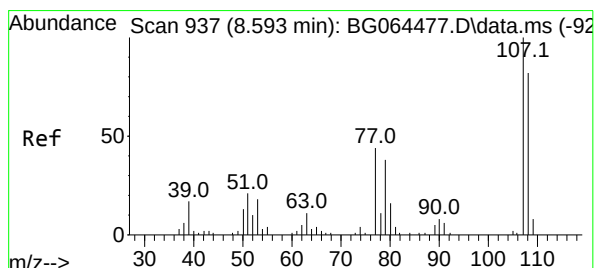
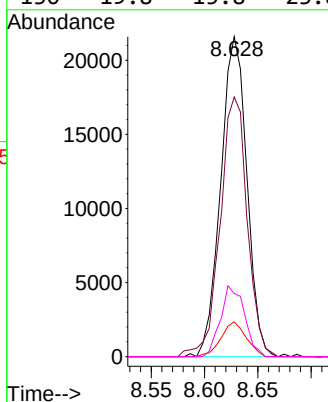
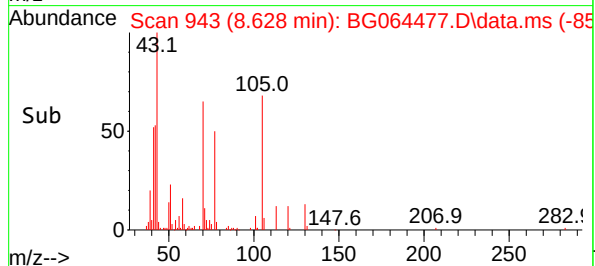
130 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 43.917 ng

RT: 8.593 min Scan# 937

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Tgt Ion:107 Resp: 57201

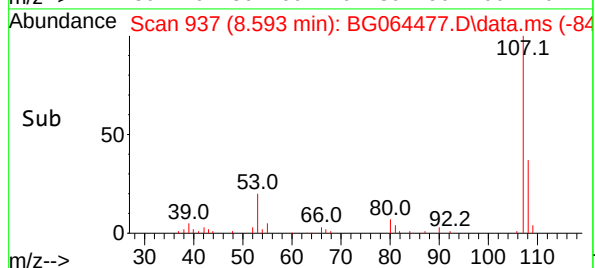
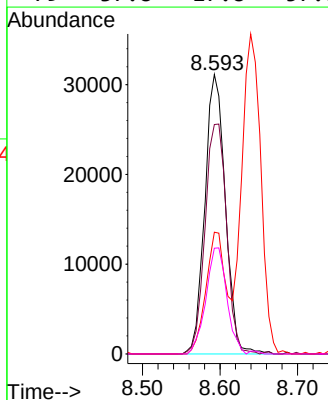
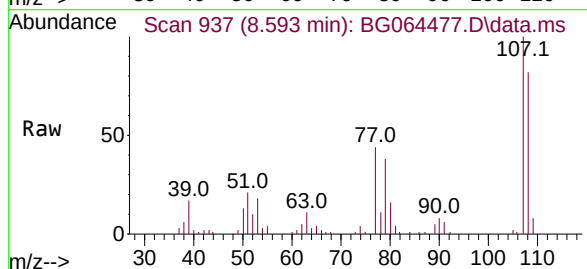
Ion Ratio Lower Upper

107 100

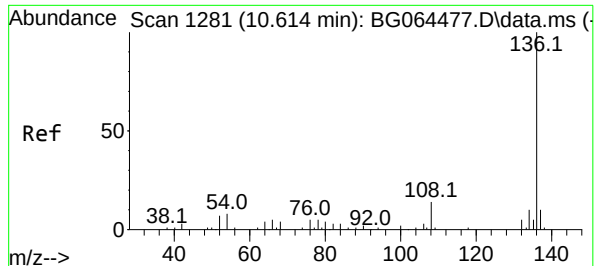
108 82.1 62.1 102.1

77 43.5 23.5 63.5

79 37.8 17.8 57.8

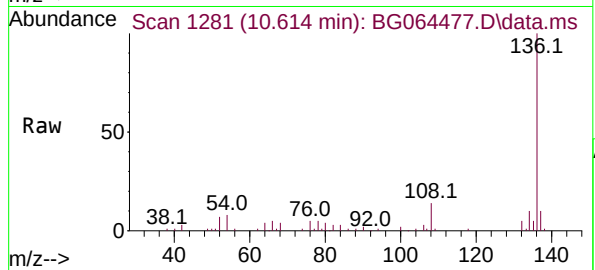






#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

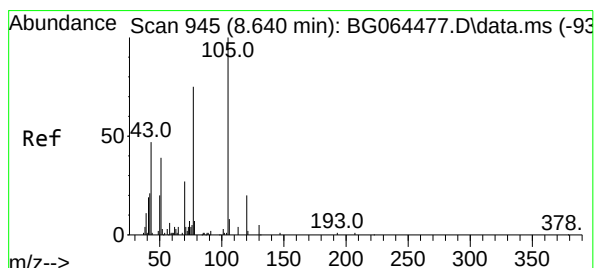
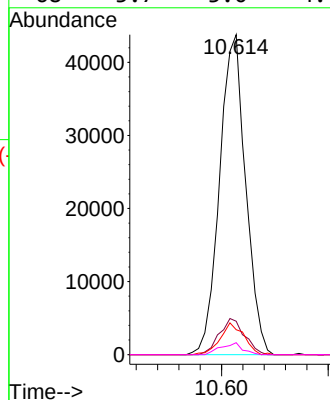
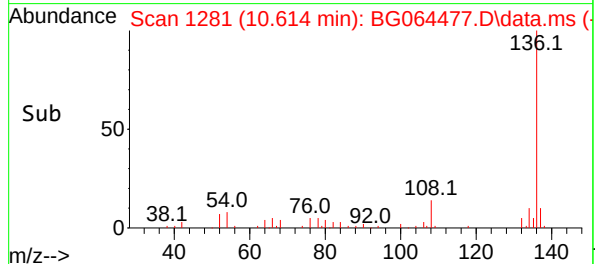
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:136 Resp: 74350  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.3 12.5  
54 7.8 6.2 9.4  
68 3.7 3.0 4.4

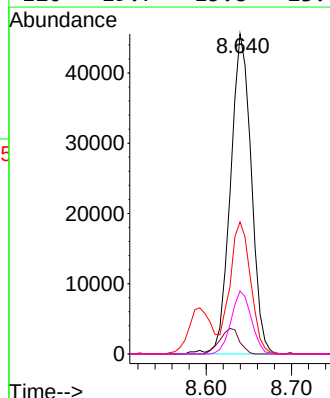
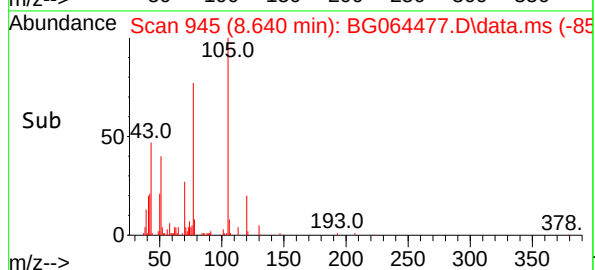
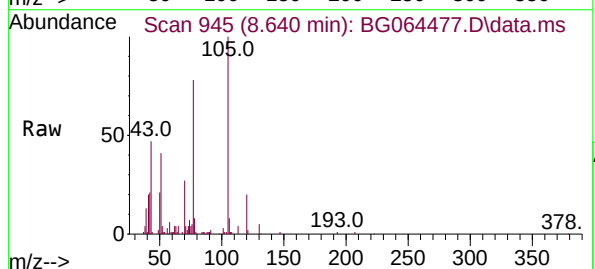
Manual Integrations  
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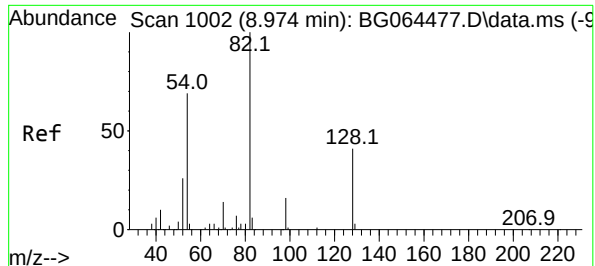
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#22  
Acetophenone  
Concen: 42.634 ng  
RT: 8.640 min Scan# 945  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:105 Resp: 76751  
Ion Ratio Lower Upper  
105 100  
71 3.5 2.8 4.2  
51 41.2 33.0 49.4  
120 19.7 15.8 23.6





#23

Nitrobenzene-d5

Concen: 85.074 ng

RT: 8.974 min Scan# 1002

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 117636

Ion Ratio Lower Upper

82 100

128 41.4 33.1 49.7

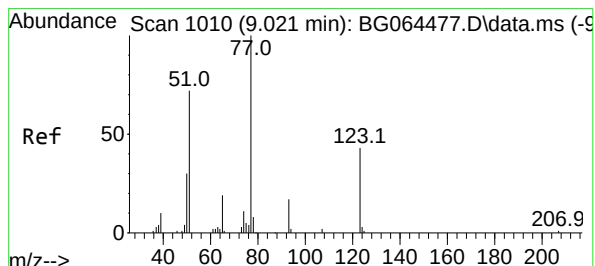
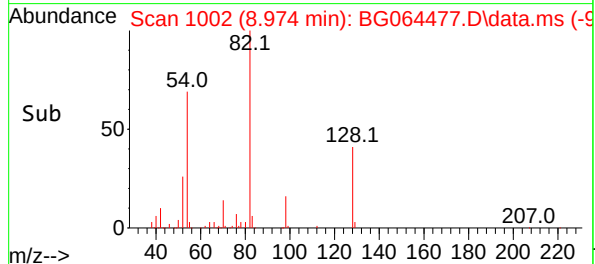
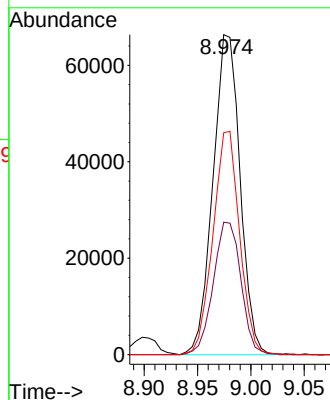
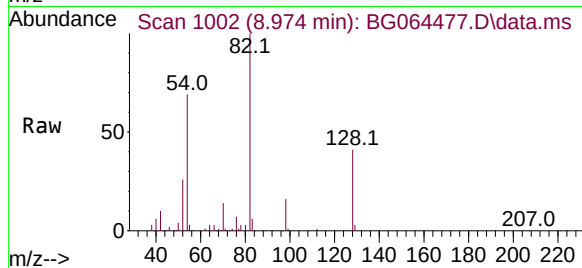
54 69.3 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 42.592 ng

RT: 9.021 min Scan# 1010

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

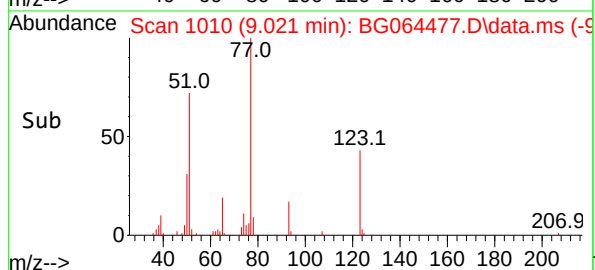
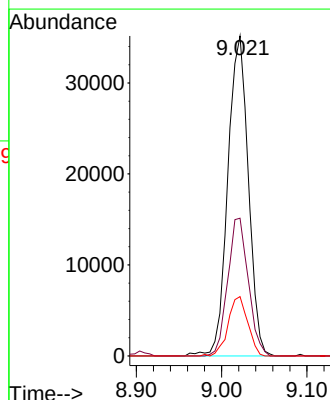
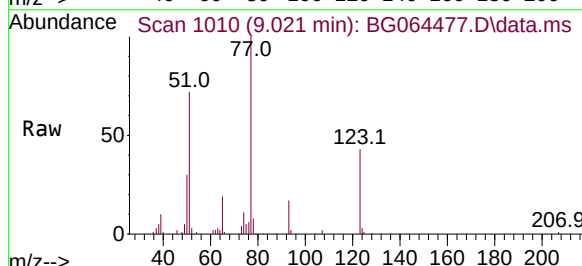
Tgt Ion: 77 Resp: 58730

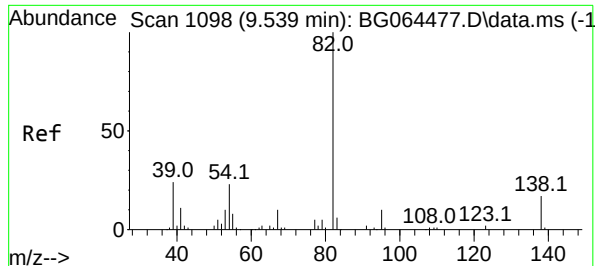
Ion Ratio Lower Upper

77 100

123 43.0 34.4 51.6

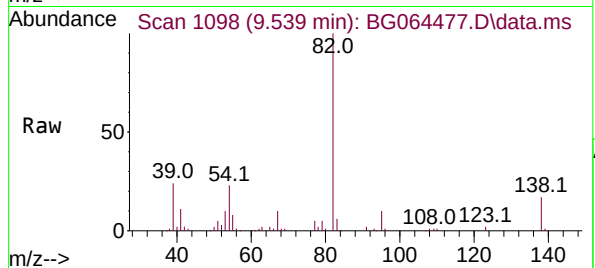
65 18.5 14.8 22.2





#25  
Isophorone  
Concen: 42.808 ng  
RT: 9.539 min Scan# 1098  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

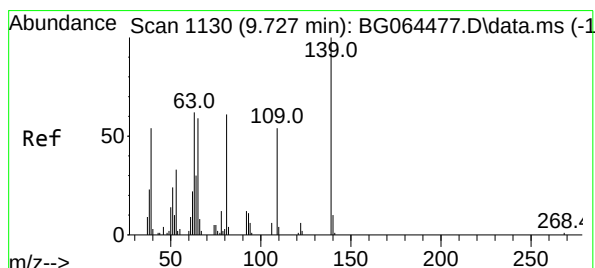
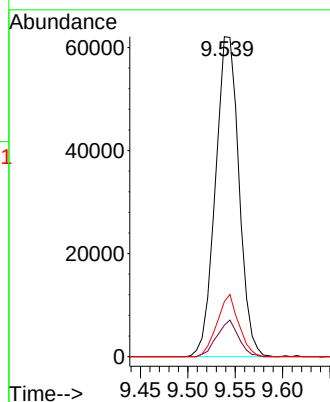
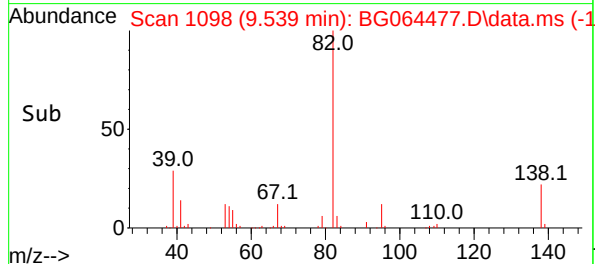
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 82 Resp: 107231  
Ion Ratio Lower Upper  
82 100  
95 9.8 7.8 11.8  
138 17.2 13.8 20.6

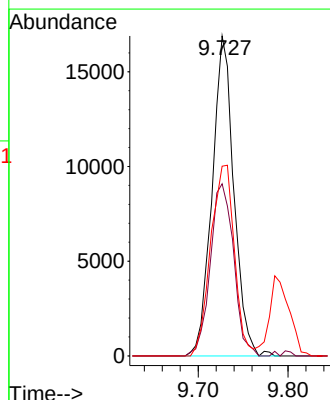
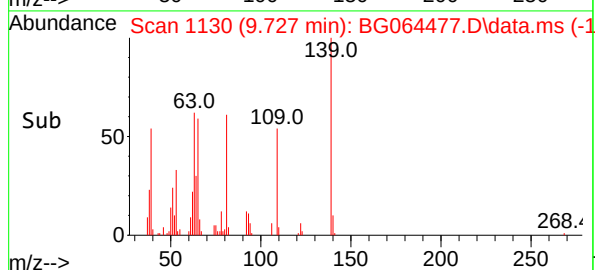
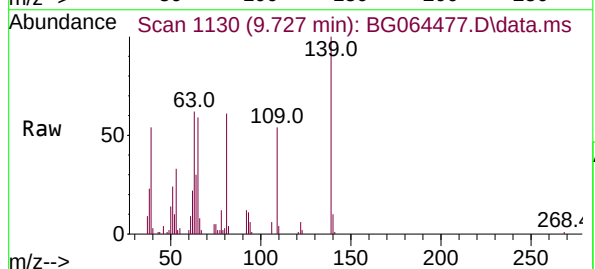
Manual Integrations  
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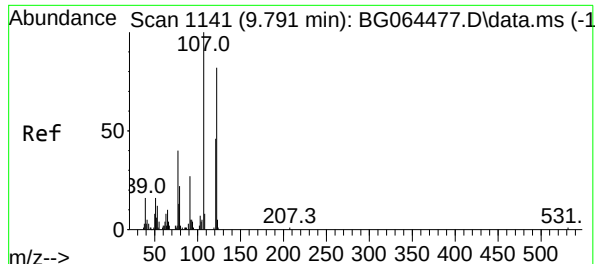
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#26  
2-Nitrophenol  
Concen: 41.564 ng  
RT: 9.727 min Scan# 1130  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:139 Resp: 28524  
Ion Ratio Lower Upper  
139 100  
109 53.8 43.0 64.6  
65 59.3 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 42.353 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

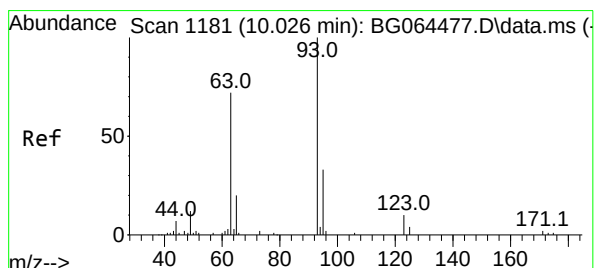
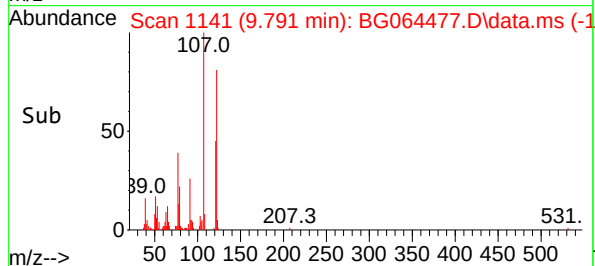
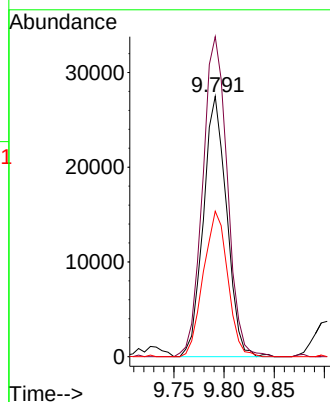
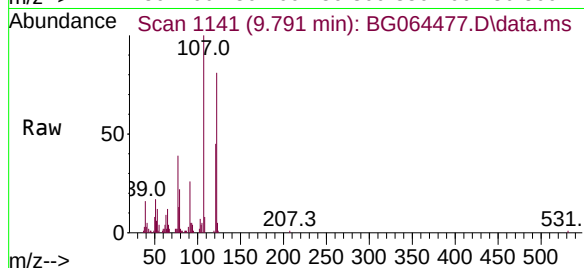
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 44394 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 122.9 | 98.3  | 147.5 |
| 121      | 55.9  | 44.7  | 67.1  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.620 ng

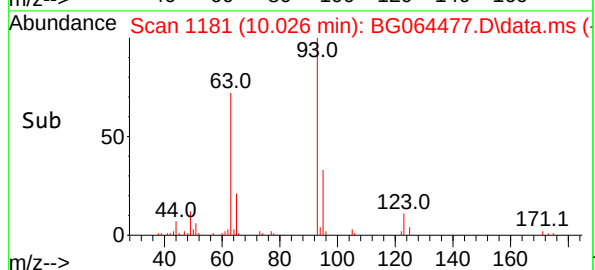
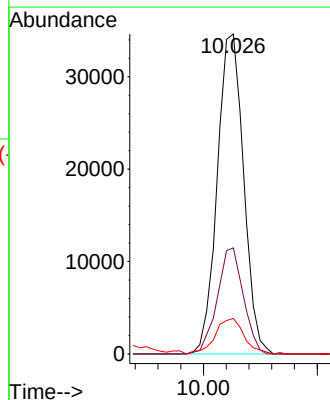
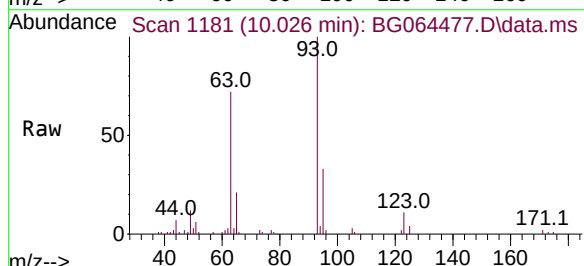
RT: 10.026 min Scan# 1181

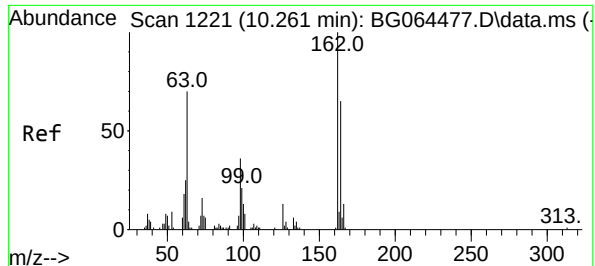
Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 55697 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 33.1  | 26.5  | 39.7  |
| 123      | 11.1  | 8.9   | 13.3  |





#29

2,4-Dichlorophenol

Concen: 42.046 ng

RT: 10.261 min Scan# 1221

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

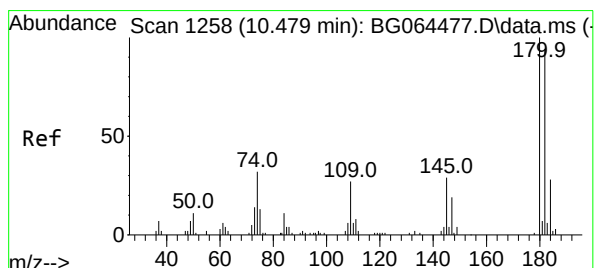
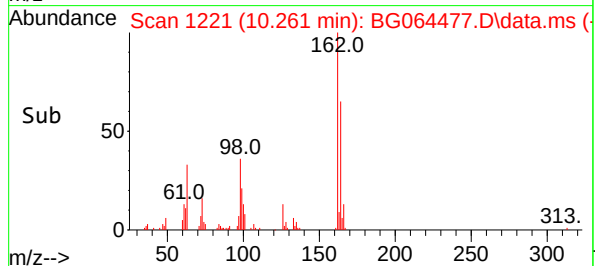
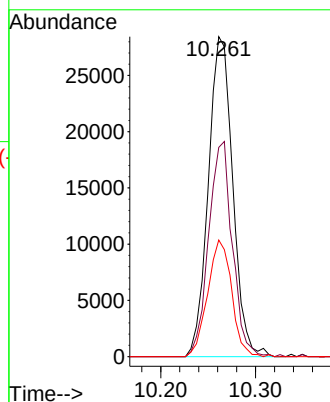
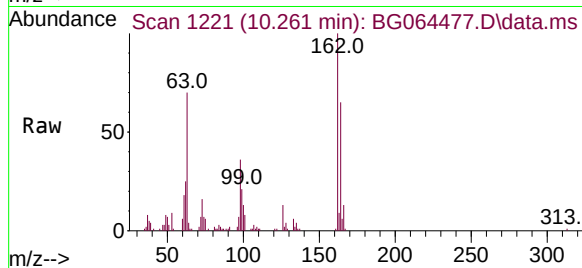
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 50964     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 65.4  | 45.4 85.4 |
| 98          | 36.4  | 16.4 56.4 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.432 ng

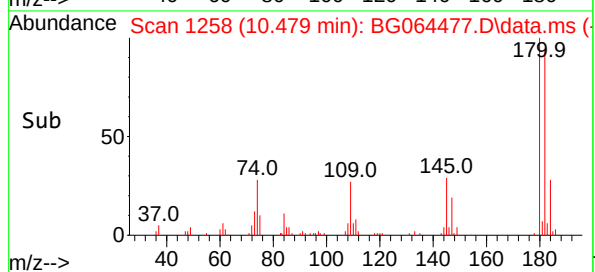
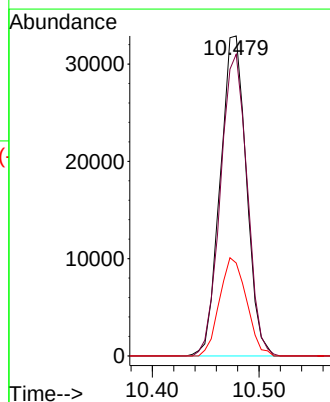
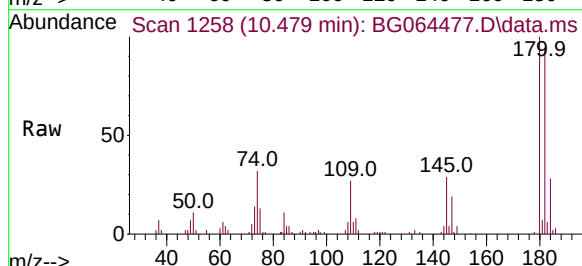
RT: 10.479 min Scan# 1258

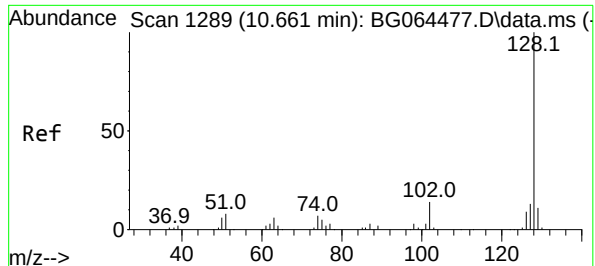
Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

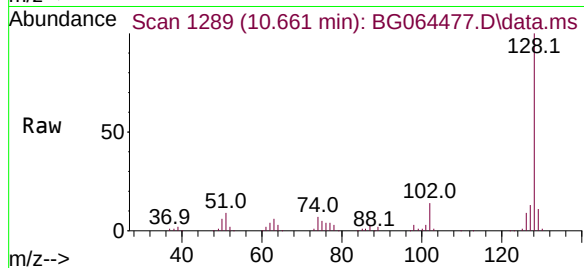
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 56079      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.3  | 75.4 113.2 |
| 145         | 29.0  | 23.2 34.8  |





#31  
Naphthalene  
Concen: 43.002 ng  
RT: 10.661 min Scan# 1289  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

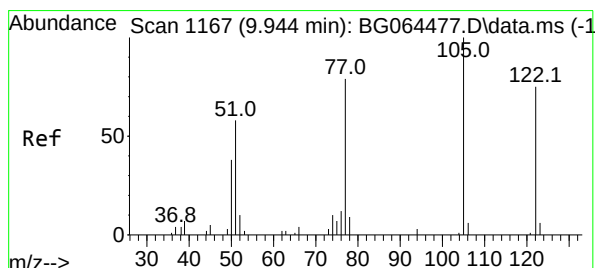
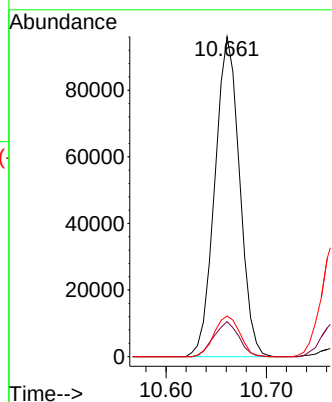
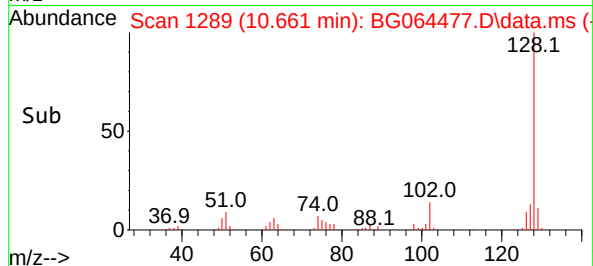
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:128 Resp: 164638  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 12.7 10.2 15.2

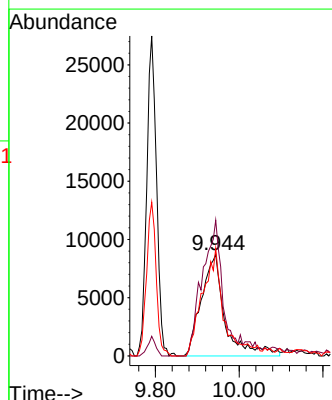
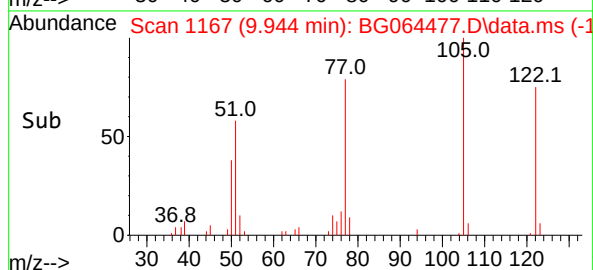
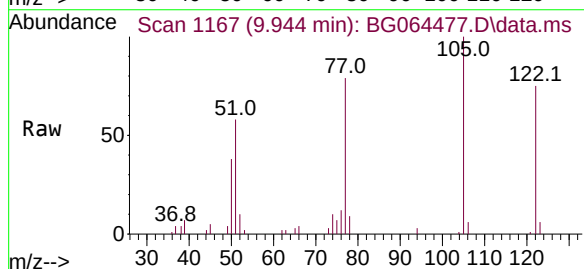
Manual Integrations  
APPROVED

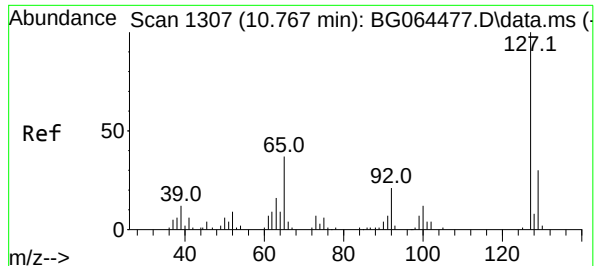
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#32  
Benzoic acid  
Concen: 42.319 ng m  
RT: 9.944 min Scan# 1167  
Delta R.T. 0.055 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

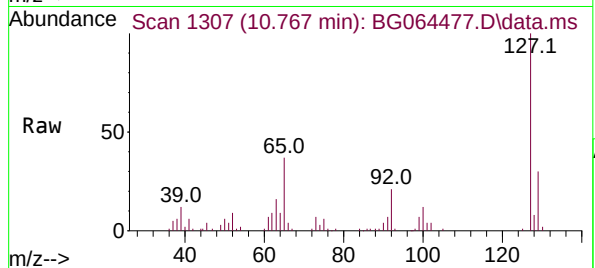
Tgt Ion:122 Resp: 34057  
Ion Ratio Lower Upper  
122 100  
105 133.9 113.9 153.9  
77 106.1 86.1 126.1





#33  
4-Chloroaniline  
Concen: 42.224 ng  
RT: 10.767 min Scan# 1307  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

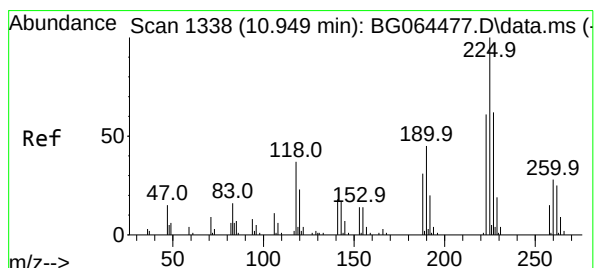
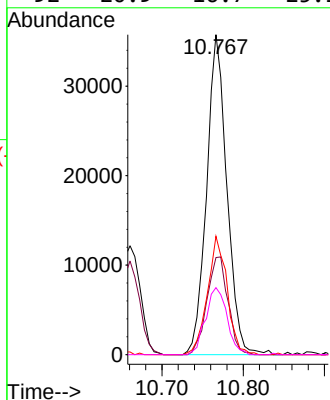
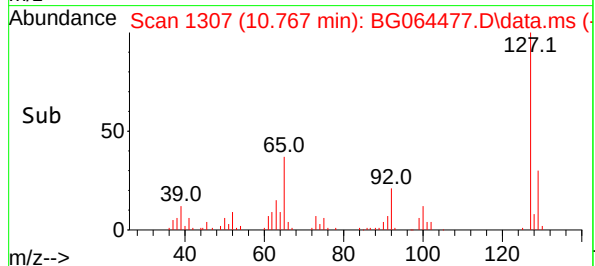
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:127 Resp: 62035  
Ion Ratio Lower Upper  
127 100  
129 30.3 24.2 36.4  
65 37.0 29.6 44.4  
92 20.9 16.7 25.1

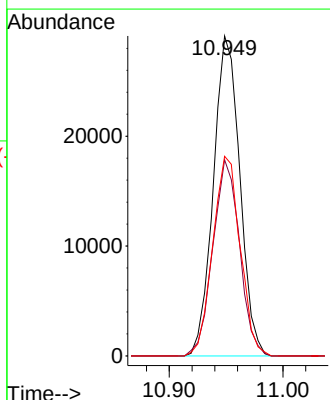
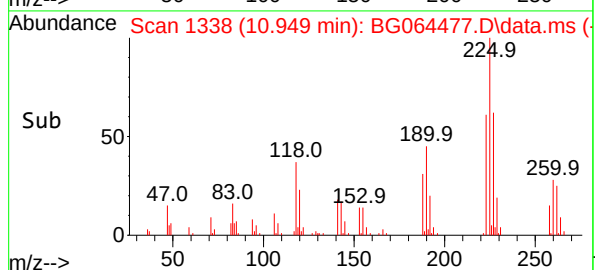
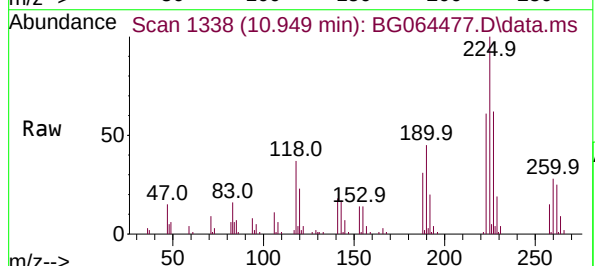
Manual Integrations  
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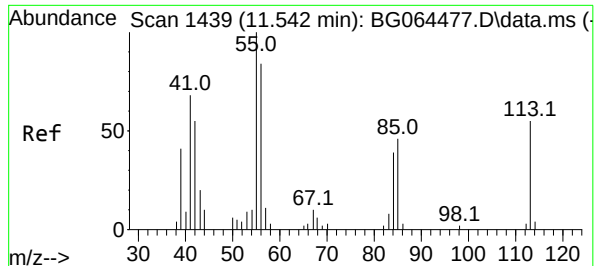
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#34  
Hexachlorobutadiene  
Concen: 41.566 ng  
RT: 10.949 min Scan# 1338  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

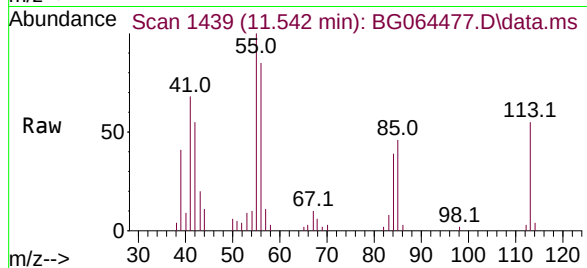
Tgt Ion:225 Resp: 47047  
Ion Ratio Lower Upper  
225 100  
223 61.3 49.0 73.6  
227 62.4 49.9 74.9





#35  
Caprolactam  
Concen: 41.118 ng  
RT: 11.542 min Scan# 1439  
Delta R.T. 0.032 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

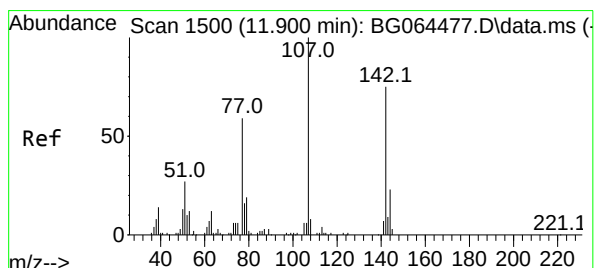
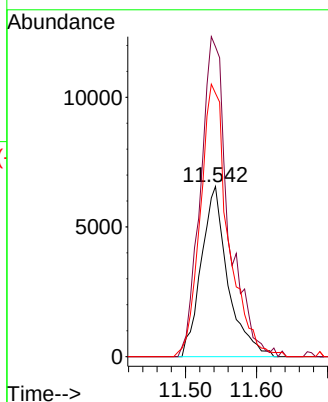
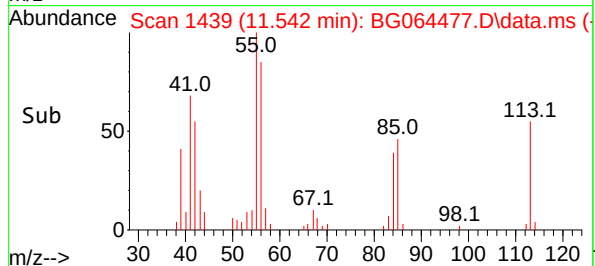
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:113 Resp: 17062  
Ion Ratio Lower Upper  
113 100  
55 182.0 162.0 202.0  
56 154.6 134.6 174.6

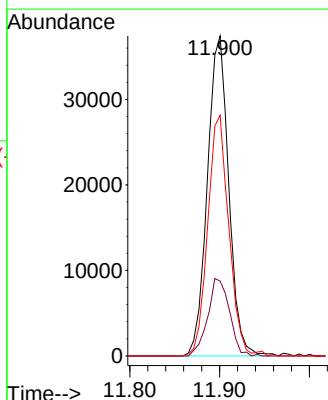
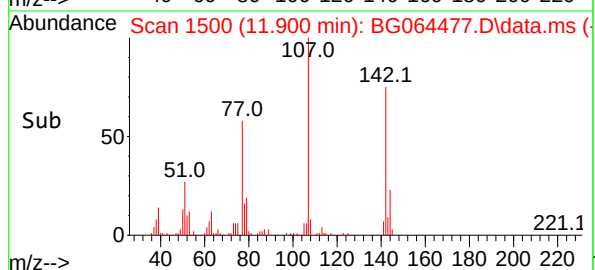
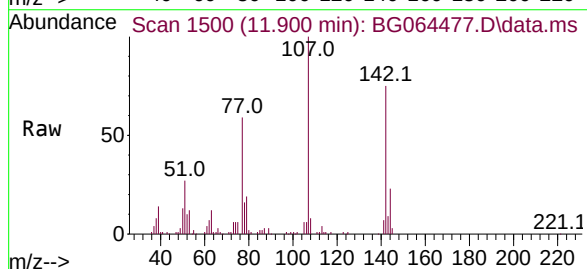
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

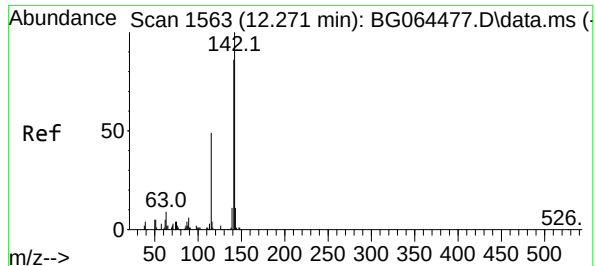


#36  
4-Chloro-3-methylphenol  
Concen: 42.181 ng  
RT: 11.900 min Scan# 1500  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:107 Resp: 62176  
Ion Ratio Lower Upper  
107 100  
144 23.4 18.7 28.1  
142 75.2 60.2 90.2

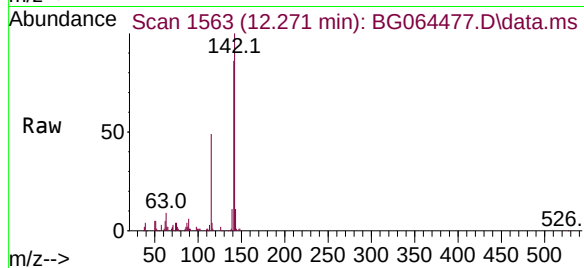






#37  
2-Methylnaphthalene  
Concen: 42.634 ng  
RT: 12.271 min Scan# 1563  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

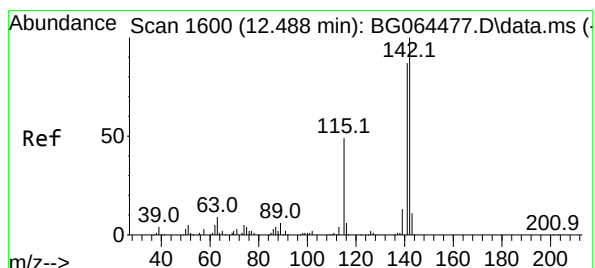
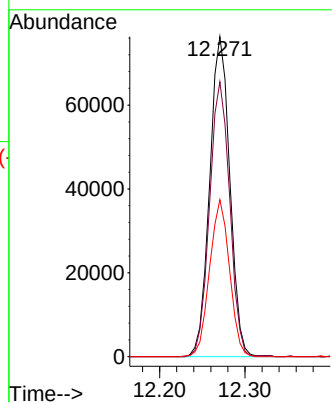
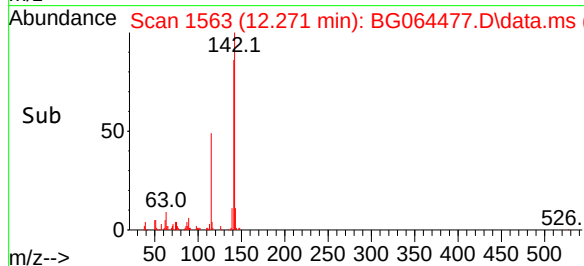
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:142 Resp: 125298  
Ion Ratio Lower Upper  
142 100  
141 85.9 68.7 103.1  
115 49.1 39.3 58.9

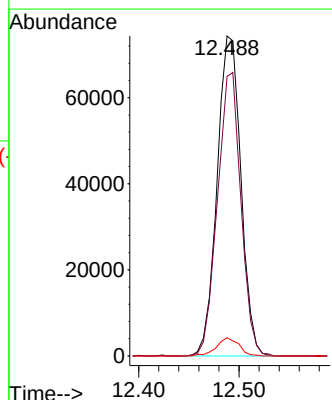
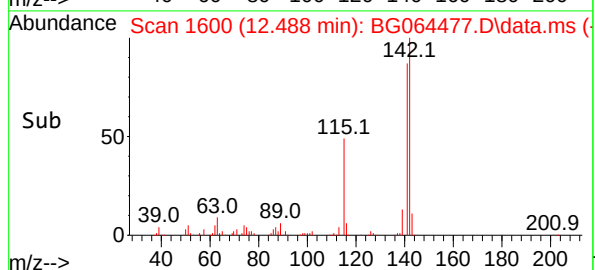
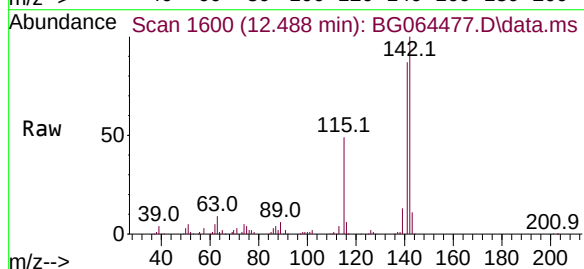
Manual Integrations  
APPROVED

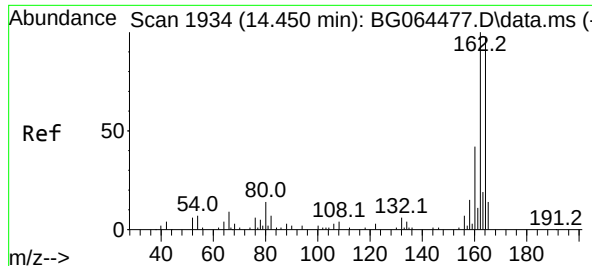
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#38  
1-Methylnaphthalene  
Concen: 41.851 ng  
RT: 12.488 min Scan# 1600  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

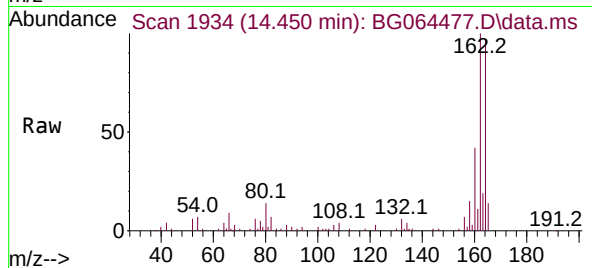
Tgt Ion:142 Resp: 122645  
Ion Ratio Lower Upper  
142 100  
141 87.3 69.8 104.8  
116 6.0 4.6 6.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.450 min Scan# 1934  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

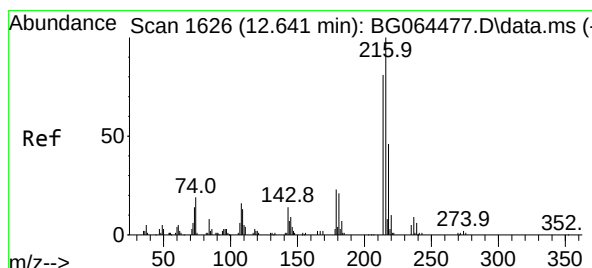
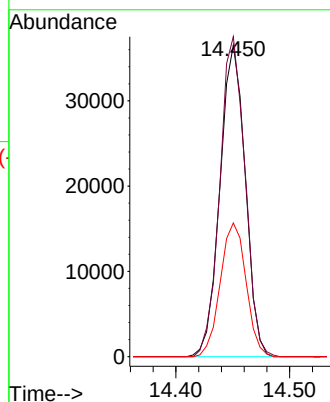
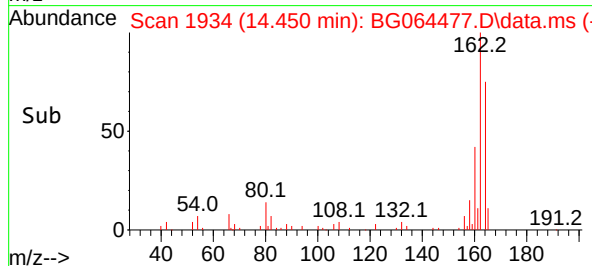
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:164 Resp: 56405  
Ion Ratio Lower Upper  
164 100  
162 102.7 82.2 123.2  
160 42.9 34.3 51.5

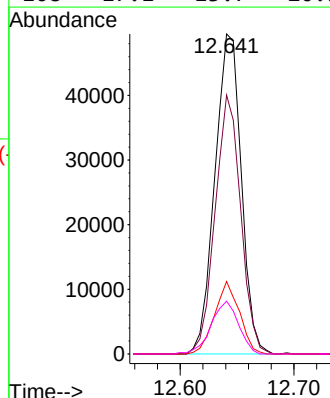
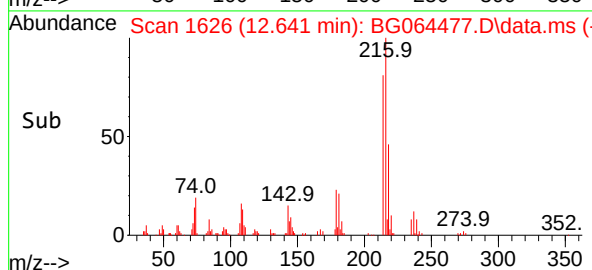
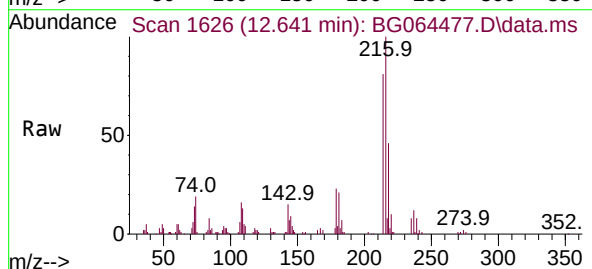
Manual Integrations  
APPROVED

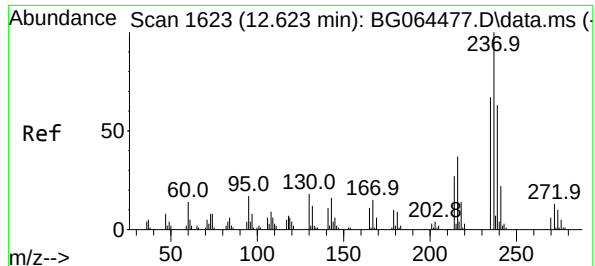
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.852 ng  
RT: 12.641 min Scan# 1626  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

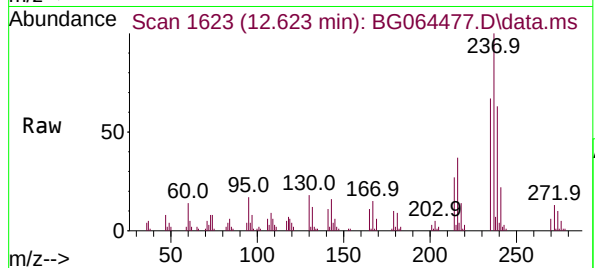
Tgt Ion:216 Resp: 79864  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.5 93.7  
179 21.3 17.0 25.6  
108 17.1 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 42.981 ng  
RT: 12.623 min Scan# 1623  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

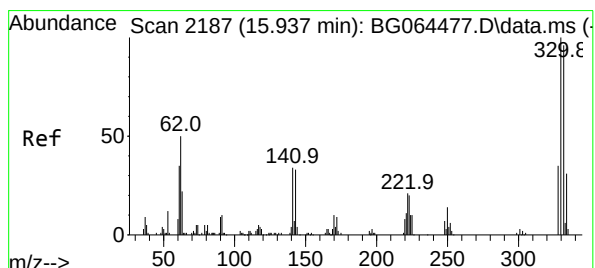
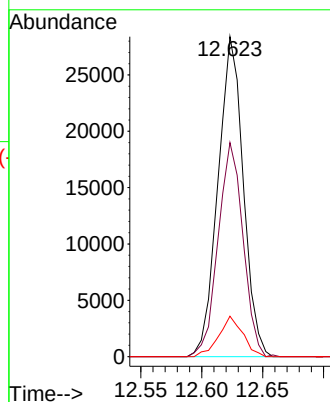
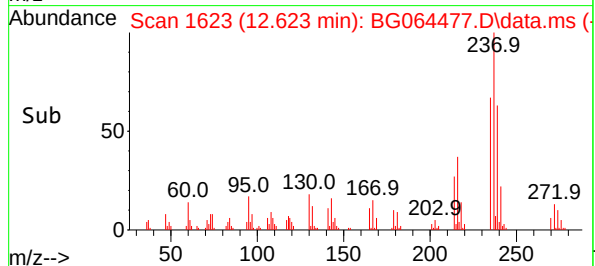
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



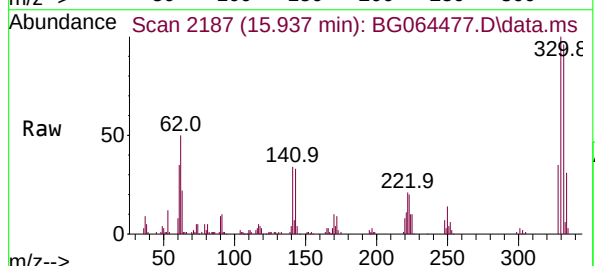
Tgt Ion:237 Resp: 40946  
Ion Ratio Lower Upper  
237 100  
235 66.9 46.9 86.9  
272 12.6 0.0 32.6

Manual Integrations  
APPROVED

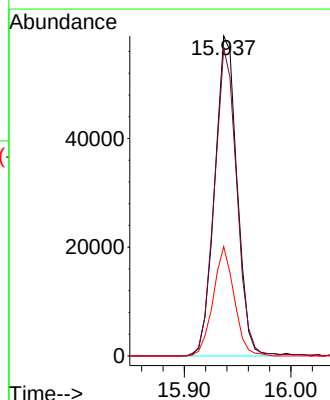
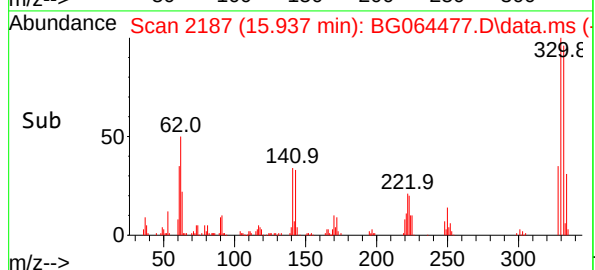
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

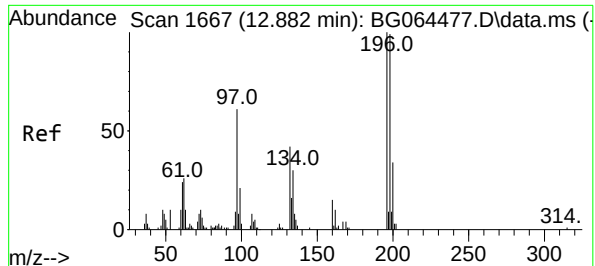


#42  
2,4,6-Tribromophenol  
Concen: 83.995 ng  
RT: 15.937 min Scan# 2187  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



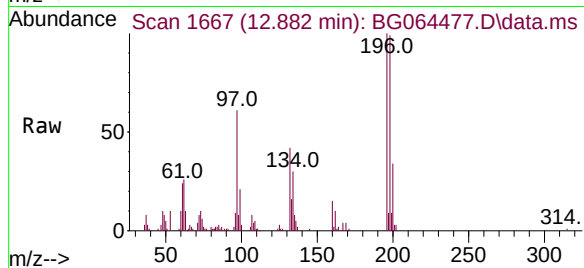
Tgt Ion:330 Resp: 85878  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.4 116.0  
141 32.2 25.8 38.6





#43  
2,4,6-Trichlorophenol  
Concen: 43.159 ng  
RT: 12.882 min Scan# 1667  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

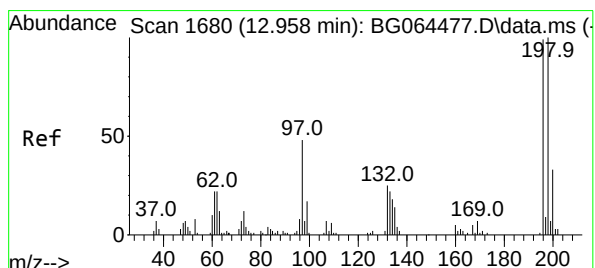
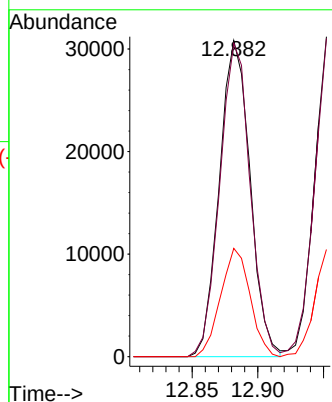
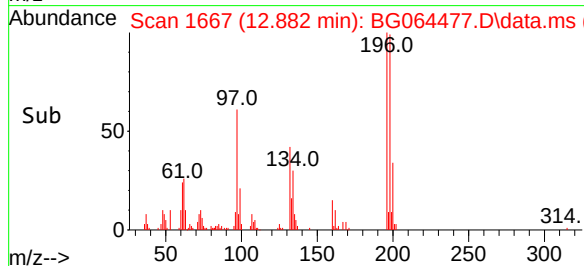
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:196 Resp: 5024  
Ion Ratio Lower Upper  
196 100  
198 99.1 79.3 118.9  
200 34.3 27.4 41.2

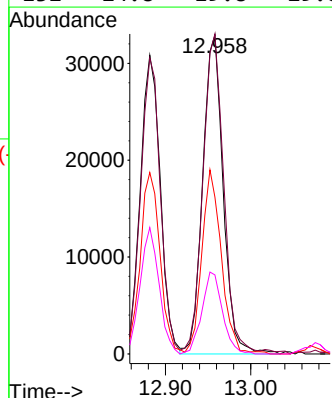
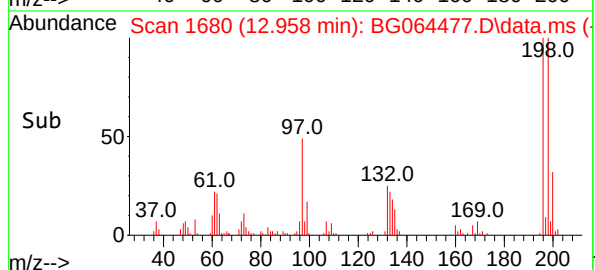
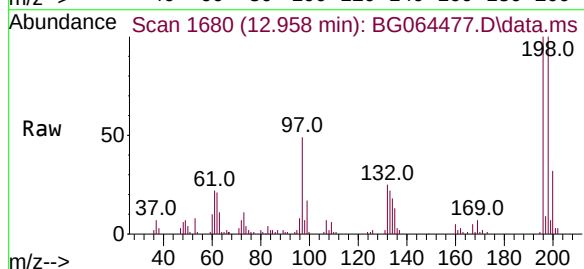
Manual Integrations  
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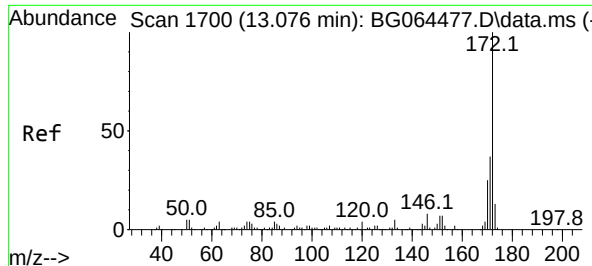
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#44  
2,4,5-Trichlorophenol  
Concen: 42.147 ng  
RT: 12.958 min Scan# 1680  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

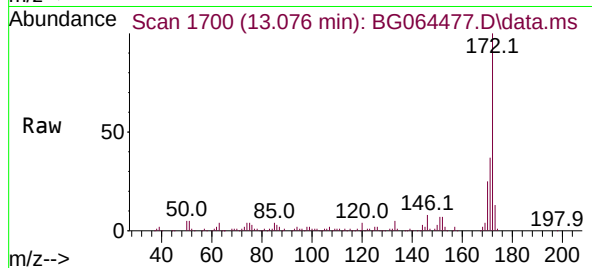
Tgt Ion:196 Resp: 54781  
Ion Ratio Lower Upper  
196 100  
198 100.4 80.3 120.5  
97 49.2 39.4 59.0  
132 24.8 19.8 29.8





#45  
2-Fluorobiphenyl  
Concen: 84.566 ng  
RT: 13.076 min Scan# 1700  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

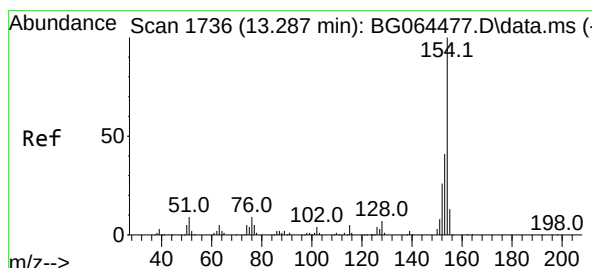
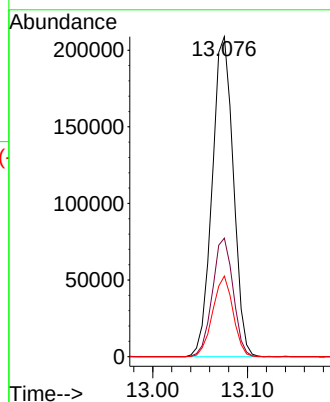
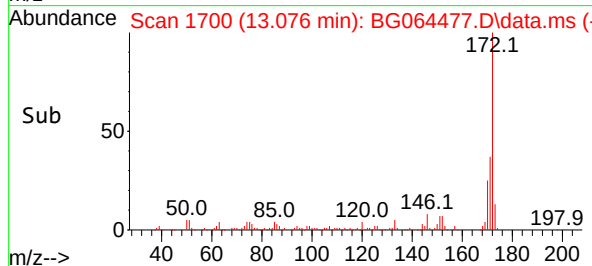
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:172 Resp: 323605  
Ion Ratio Lower Upper  
172 100  
171 37.0 29.6 44.4  
170 25.2 20.2 30.2

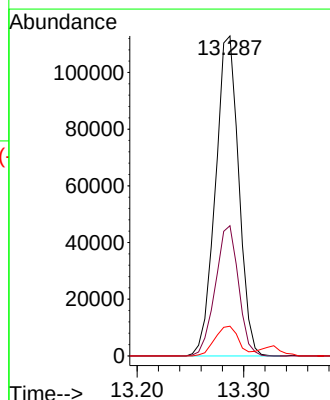
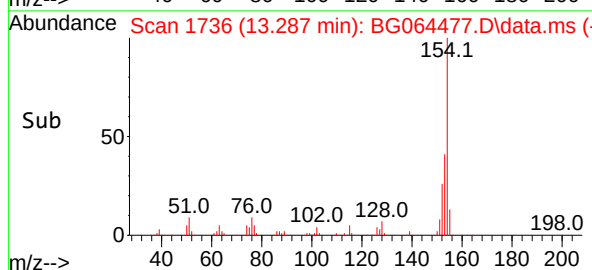
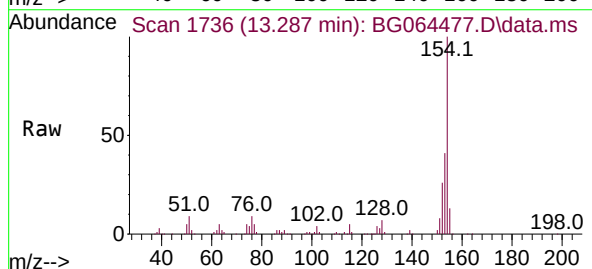
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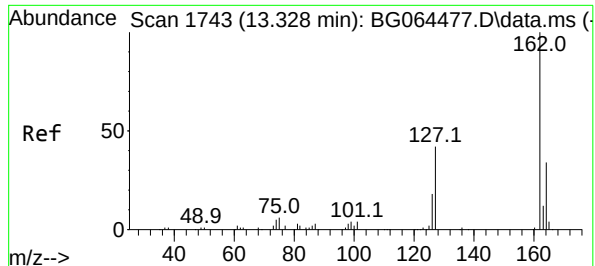
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#46  
1,1'-Biphenyl  
Concen: 42.286 ng  
RT: 13.287 min Scan# 1736  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:154 Resp: 171549  
Ion Ratio Lower Upper  
154 100  
153 40.7 20.7 60.7  
76 9.3 0.0 29.3





#47

2-Chloronaphthalene

Concen: 42.951 ng

RT: 13.328 min Scan# 1743

Delta R.T. 0.008 min

Lab File: BG064477.D

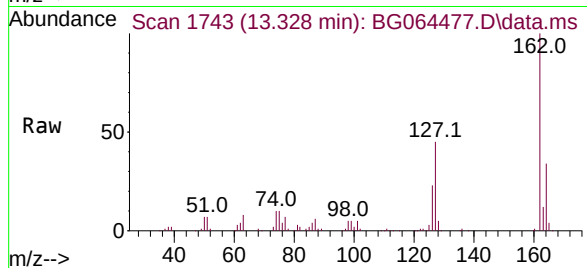
Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



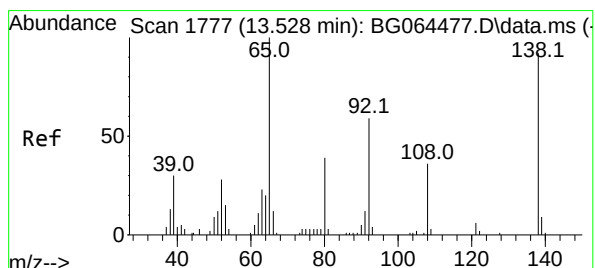
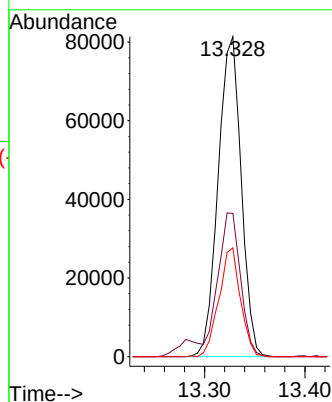
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 130095 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 44.8  | 35.8  | 53.8   |
| 164       | 34.0  | 27.2  | 40.8   |

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 43.302 ng

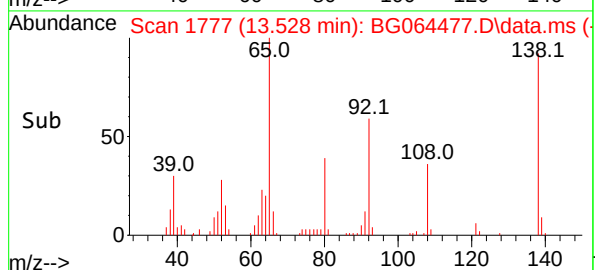
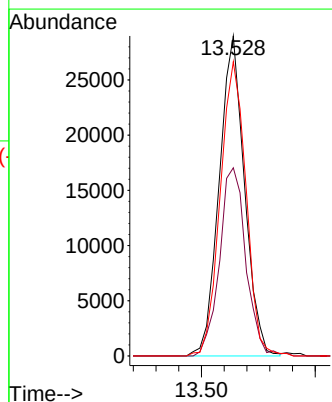
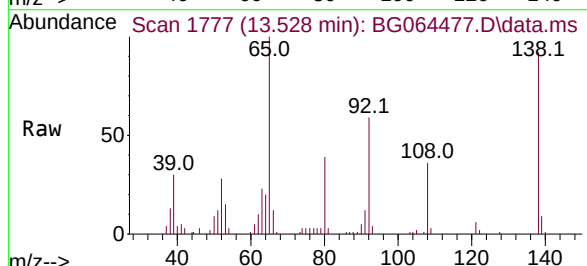
RT: 13.528 min Scan# 1777

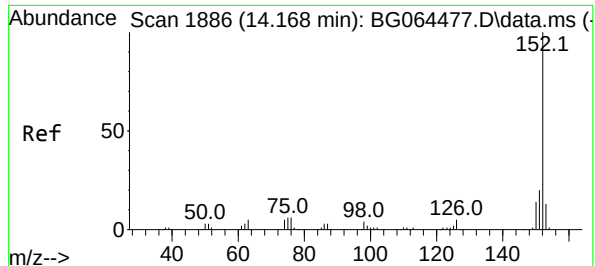
Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 44764 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 58.8  | 47.0  | 70.6  |
| 138       | 91.9  | 73.5  | 110.3 |





#49

Acenaphthylene

Concen: 42.745 ng

RT: 14.168 min Scan# 1886

Delta R.T. -0.003 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 192196

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

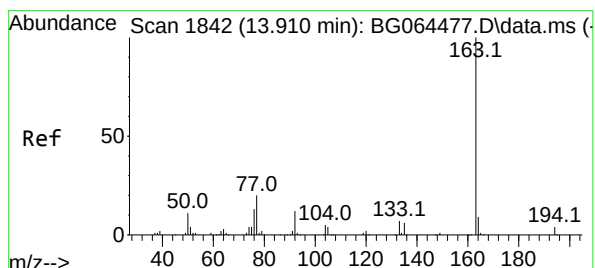
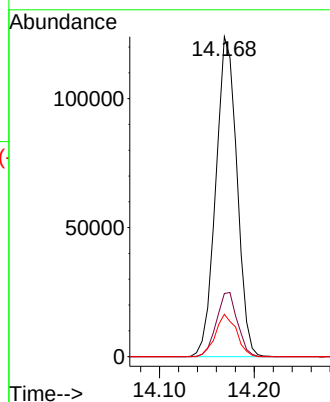
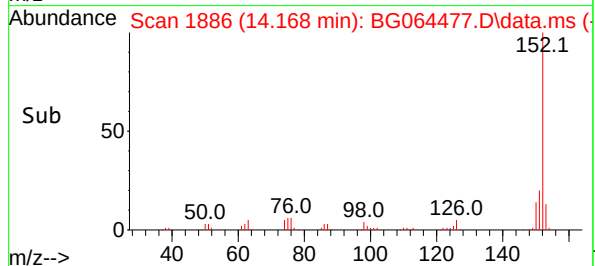
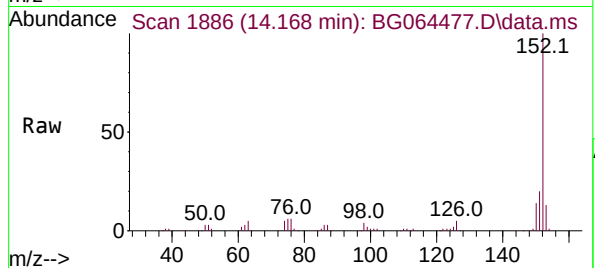
153 13.2 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 41.482 ng

RT: 13.910 min Scan# 1842

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

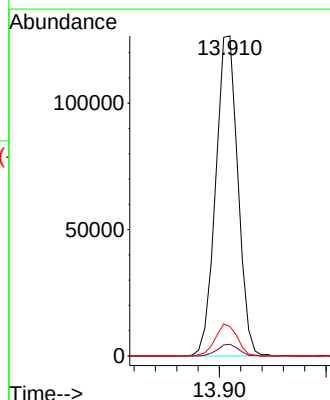
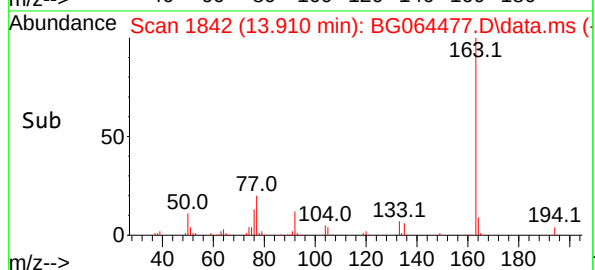
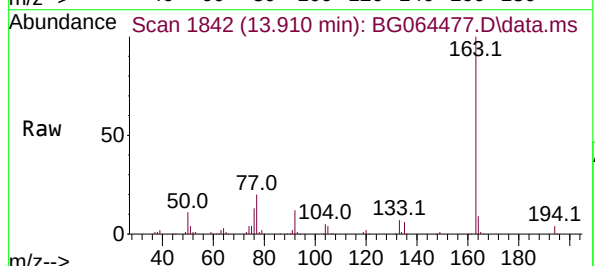
Tgt Ion:163 Resp: 183253

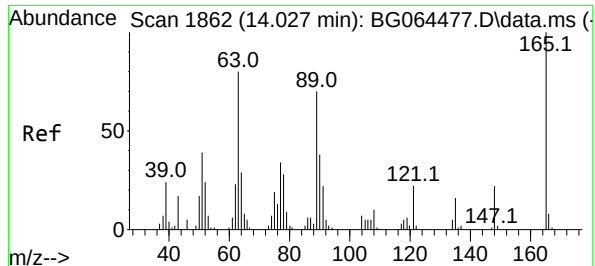
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

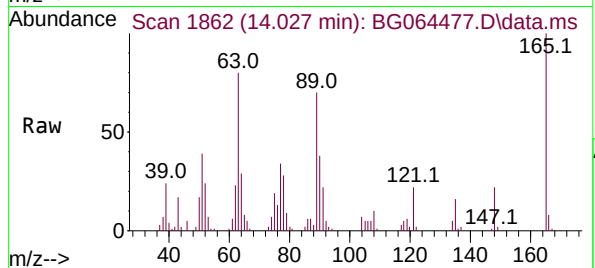
164 9.2 7.4 11.0





#51  
2,6-Dinitrotoluene  
Concen: 41.318 ng  
RT: 14.027 min Scan# 1862  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

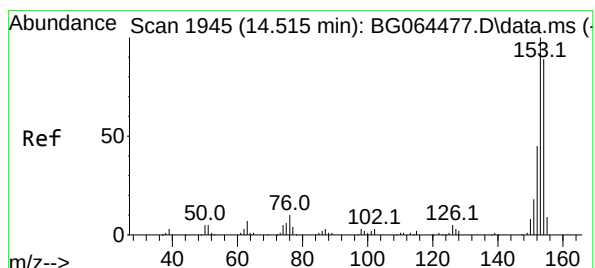
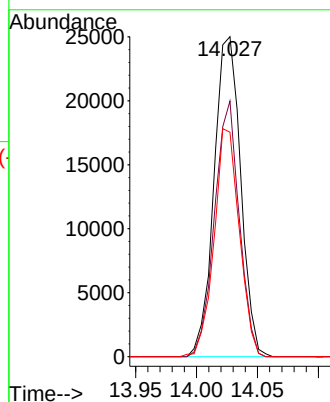
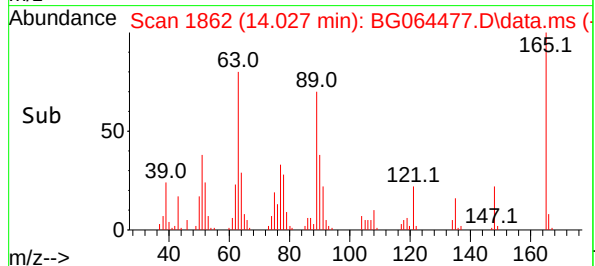
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:165 Resp: 38023  
Ion Ratio Lower Upper  
165 100  
63 79.9 63.9 95.9  
89 70.1 56.1 84.1

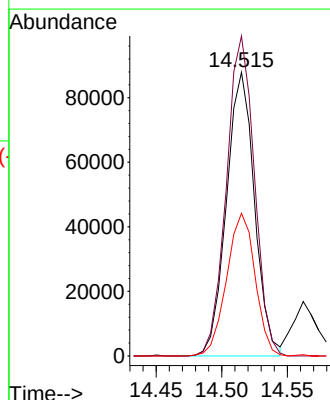
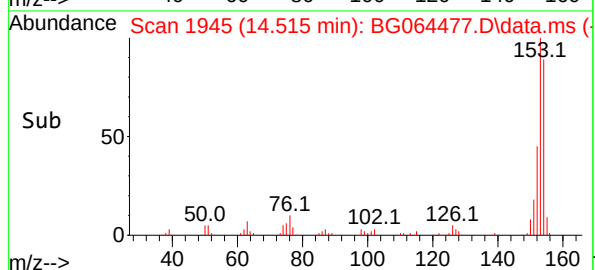
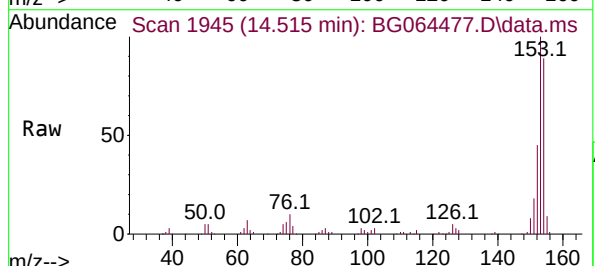
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

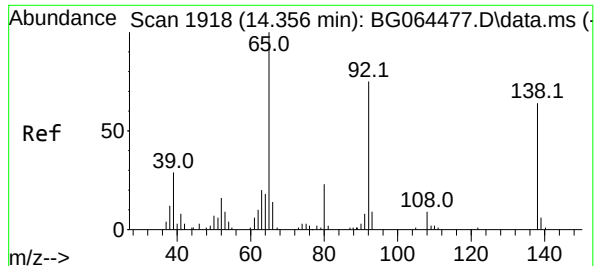


#52  
Acenaphthene  
Concen: 41.846 ng  
RT: 14.515 min Scan# 1945  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:154 Resp: 130718  
Ion Ratio Lower Upper  
154 100  
153 112.8 90.2 135.4  
152 50.3 40.2 60.4

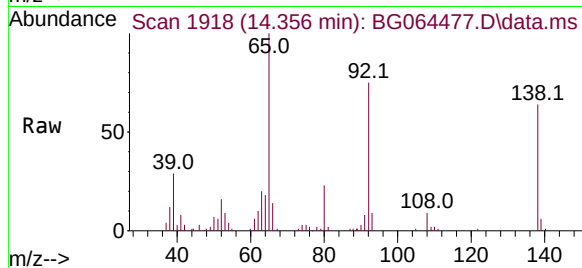






#53  
3-Nitroaniline  
Concen: 42.448 ng  
RT: 14.356 min Scan# 1918  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

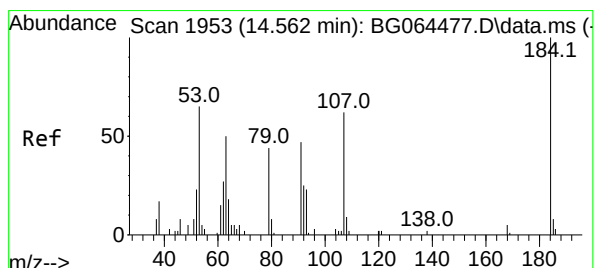
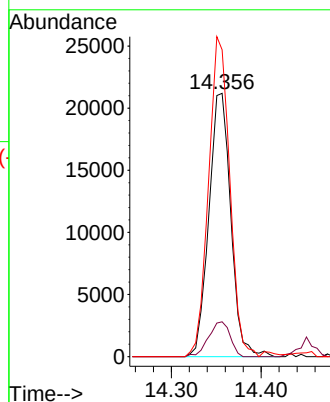
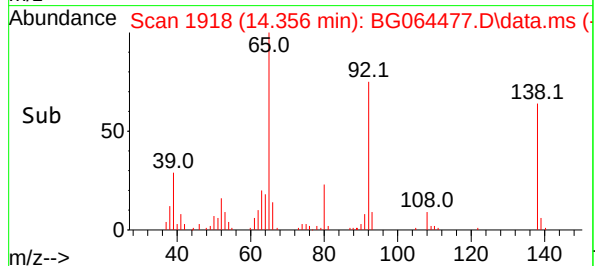
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:138 Resp: 36025  
Ion Ratio Lower Upper  
138 100  
108 13.2 10.6 15.8  
92 116.5 93.2 139.8

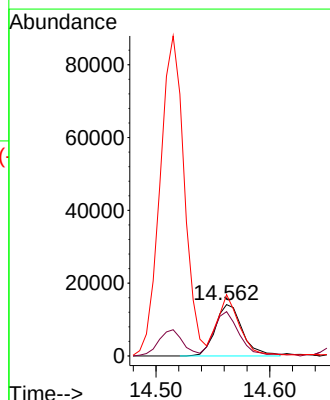
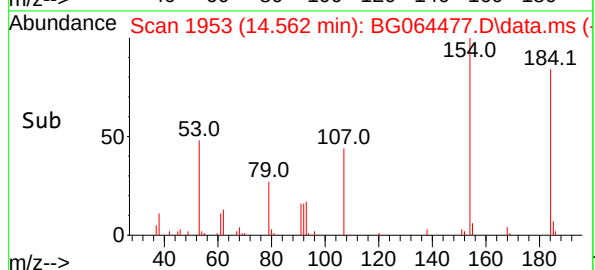
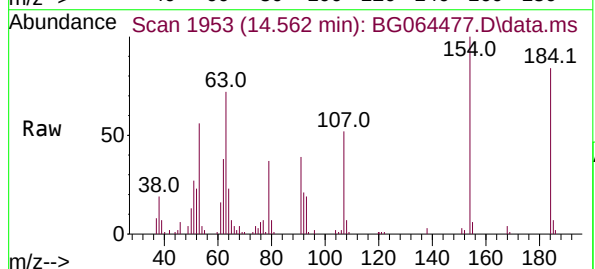
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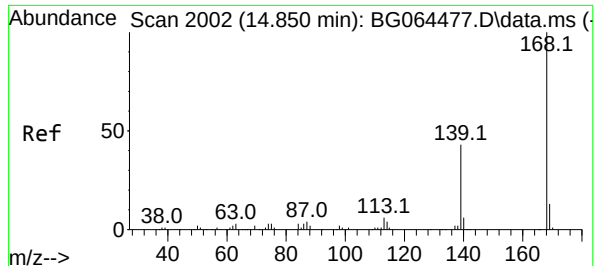
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#54  
2,4-Dinitrophenol  
Concen: 35.006 ng  
RT: 14.562 min Scan# 1953  
Delta R.T. -0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

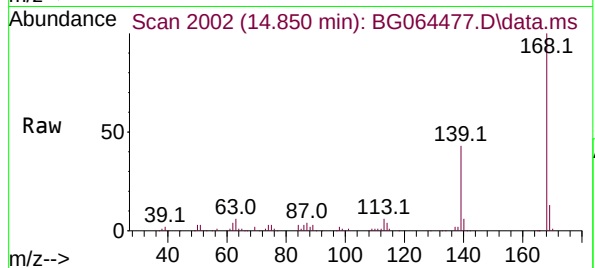
Tgt Ion:184 Resp: 23359  
Ion Ratio Lower Upper  
184 100  
63 86.2 69.0 103.4  
154 119.5 95.6 143.4





#55  
Dibenzenofuran  
Concen: 41.749 ng  
RT: 14.850 min Scan# 2002  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

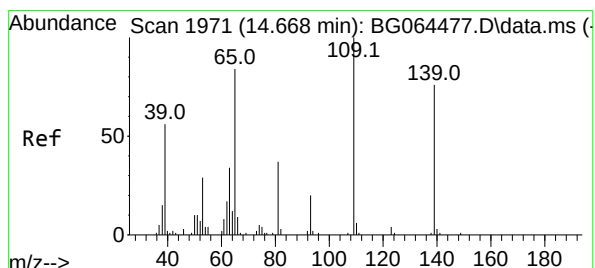
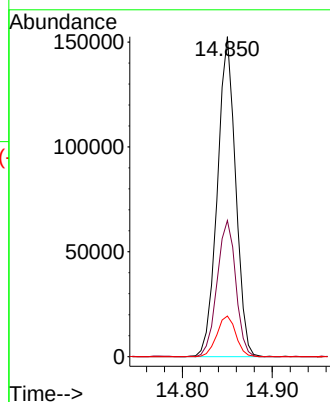
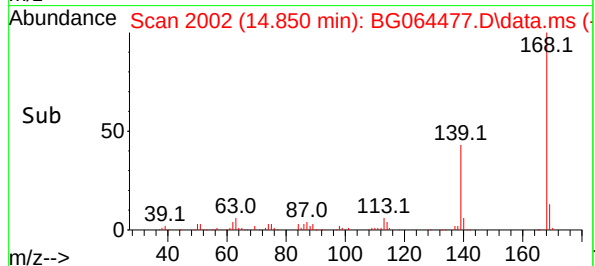
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:168 Resp: 215338  
Ion Ratio Lower Upper  
168 100  
139 42.5 34.0 51.0  
169 12.7 10.2 15.2

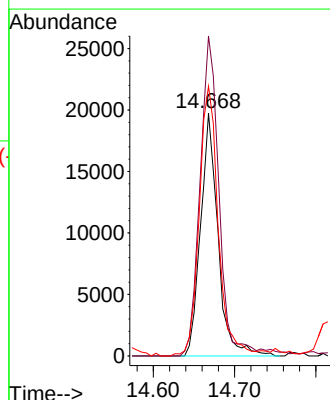
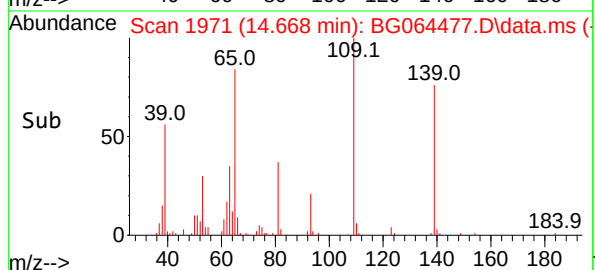
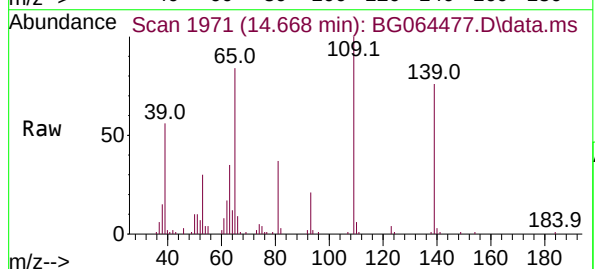
Manual Integrations  
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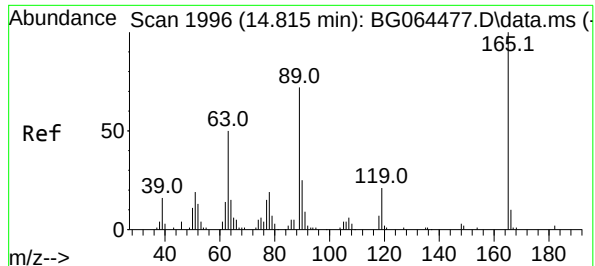
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#56  
4-Nitrophenol  
Concen: 43.974 ng  
RT: 14.668 min Scan# 1971  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

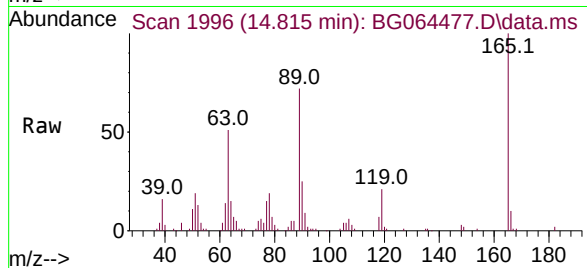
Tgt Ion:139 Resp: 29383  
Ion Ratio Lower Upper  
139 100  
109 131.8 111.8 151.8  
65 111.1 91.1 131.1





#57  
2,4-Dinitrotoluene  
Concen: 42.268 ng  
RT: 14.815 min Scan# 1996  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

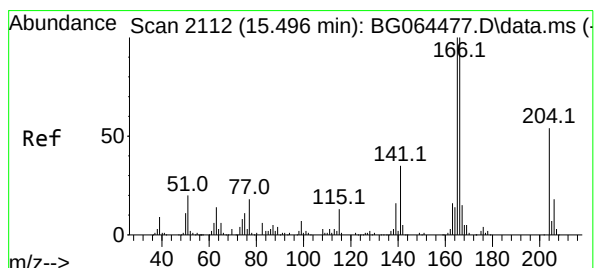
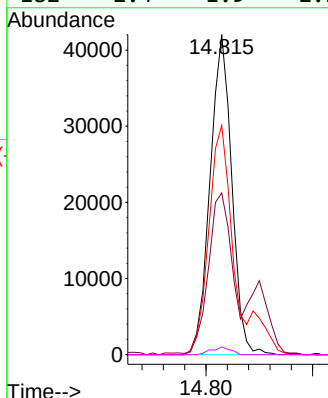
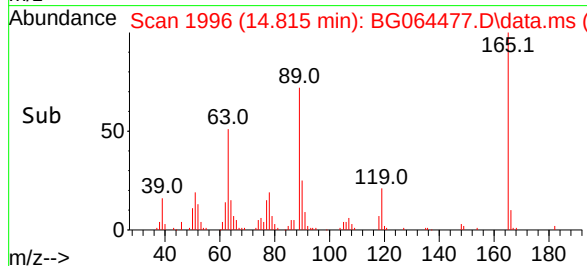
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



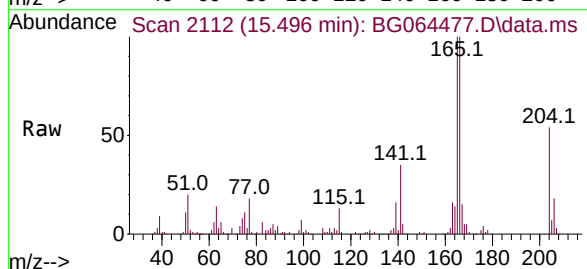
Tgt Ion:165 Resp: 59462  
Ion Ratio Lower Upper  
165 100  
63 50.5 40.4 60.6  
89 71.6 57.3 85.9  
182 2.4 1.9 2.9

Manual Integrations  
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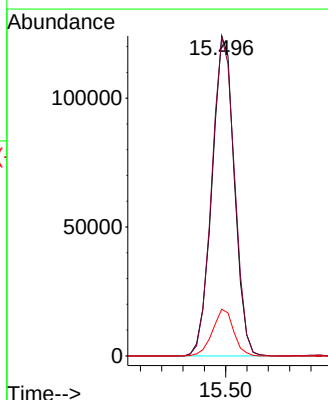
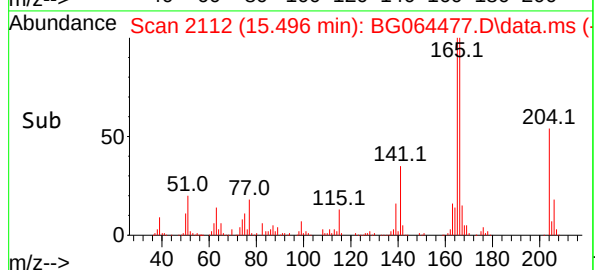
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

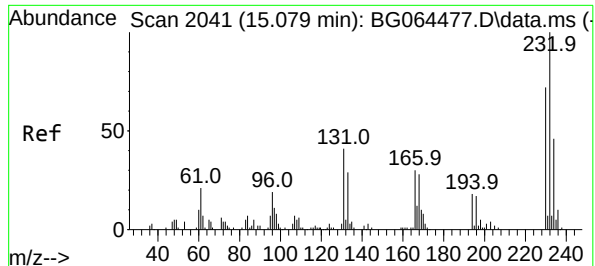


#58  
Fluorene  
Concen: 42.112 ng  
RT: 15.496 min Scan# 2112  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



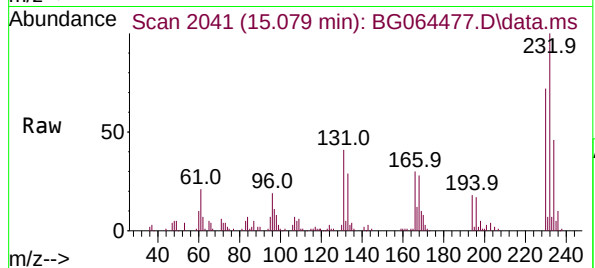
Tgt Ion:166 Resp: 180574  
Ion Ratio Lower Upper  
166 100  
165 99.7 79.8 119.6  
167 14.6 11.7 17.5





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.971 ng  
RT: 15.079 min Scan# 2041  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

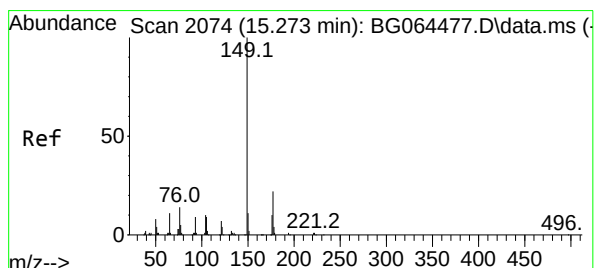
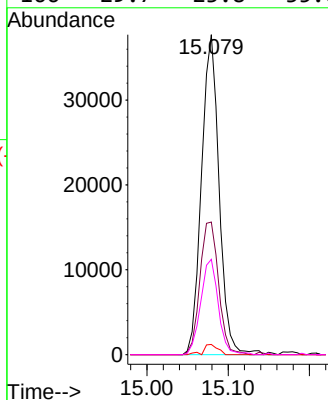
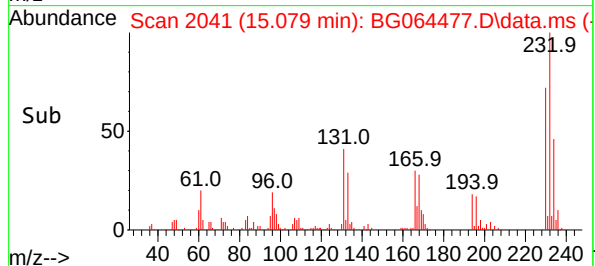
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:232 Resp: 57000  
Ion Ratio Lower Upper  
232 100  
131 43.7 35.0 52.4  
130 2.5 2.0 3.0  
166 29.7 23.8 35.6

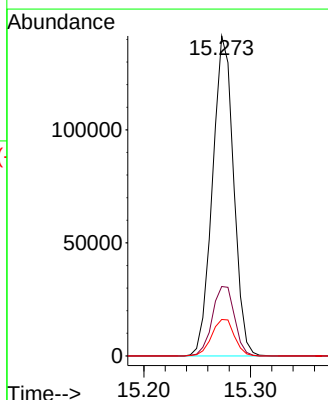
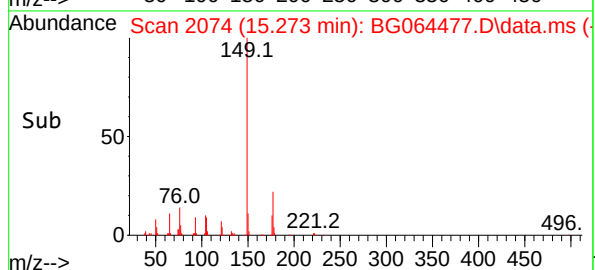
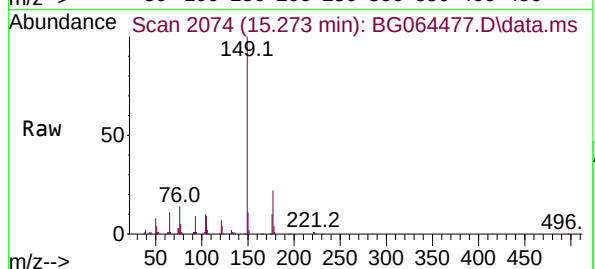
Manual Integrations  
APPROVED

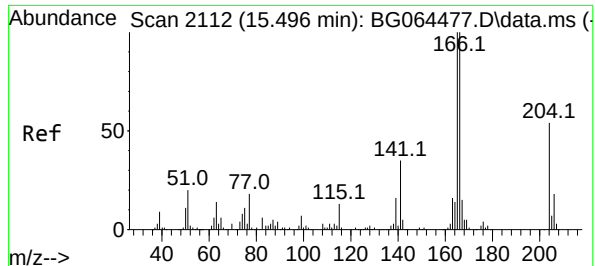
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#60  
Diethylphthalate  
Concen: 41.179 ng  
RT: 15.273 min Scan# 2074  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

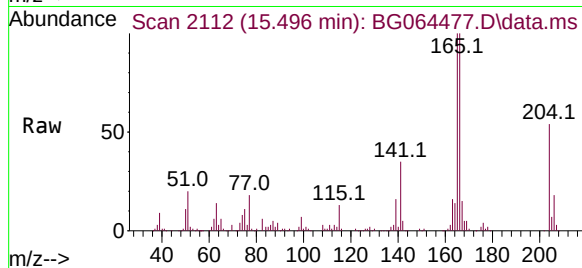
Tgt Ion:149 Resp: 195149  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.4 26.0  
150 11.4 9.1 13.7





#61  
4-Chlorophenyl-phenylether  
Concen: 41.818 ng  
RT: 15.496 min Scan# 2112  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

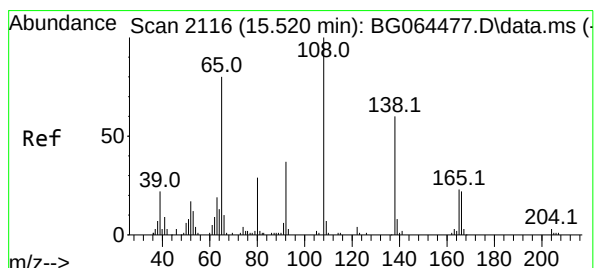
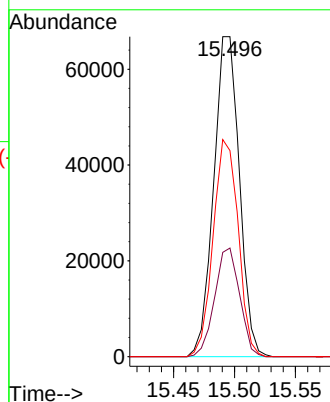
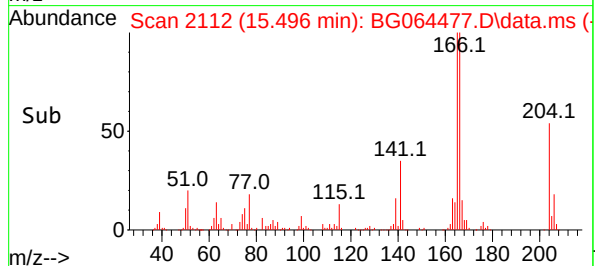
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:204 Resp: 97895  
Ion Ratio Lower Upper  
204 100  
206 33.9 27.1 40.7  
141 64.4 51.5 77.3

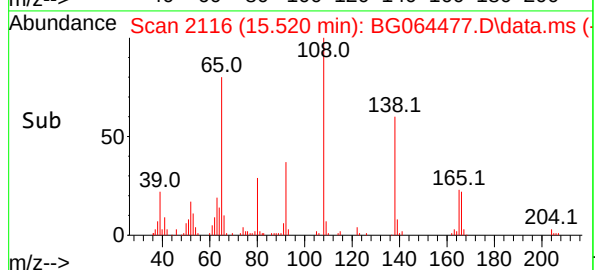
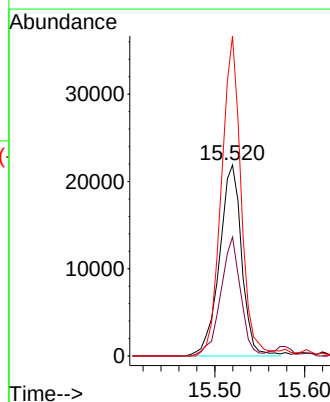
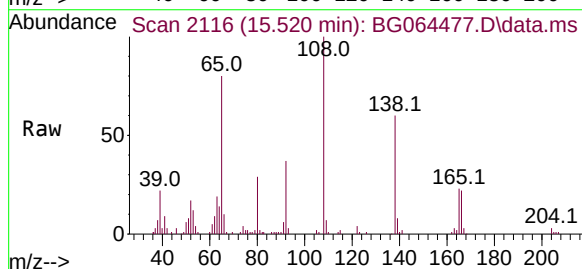
Manual Integrations  
APPROVED

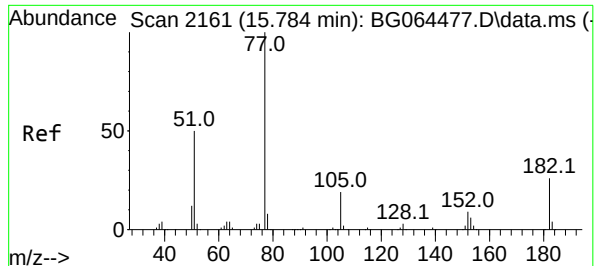
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#62  
4-Nitroaniline  
Concen: 42.613 ng  
RT: 15.520 min Scan# 2116  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

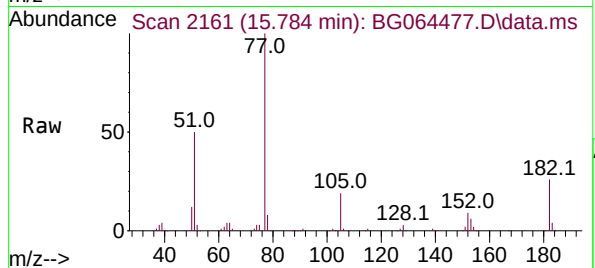
Tgt Ion:138 Resp: 37694  
Ion Ratio Lower Upper  
138 100  
92 62.3 42.3 82.3  
108 167.7 147.7 187.7





#63  
Azobenzene  
Concen: 41.381 ng  
RT: 15.784 min Scan# 2161  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

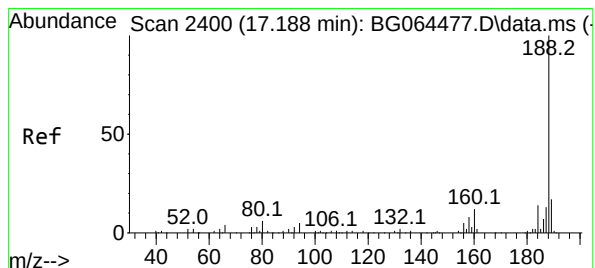
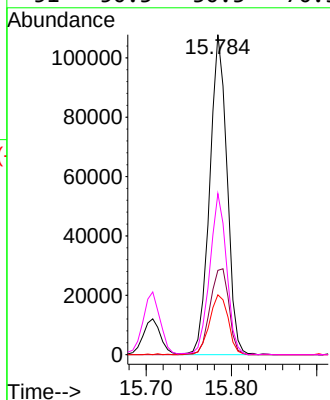
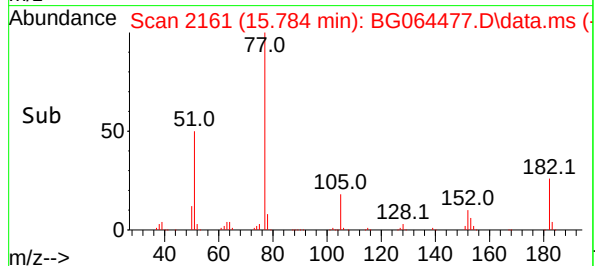
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



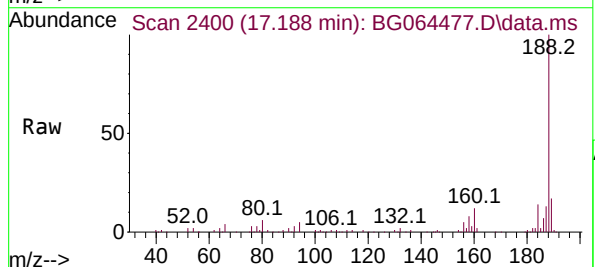
Tgt Ion: 77 Resp: 151875  
Ion Ratio Lower Upper  
77 100  
182 26.3 6.3 46.3  
105 18.7 0.0 38.7  
51 50.3 30.3 70.3

Manual Integrations  
APPROVED

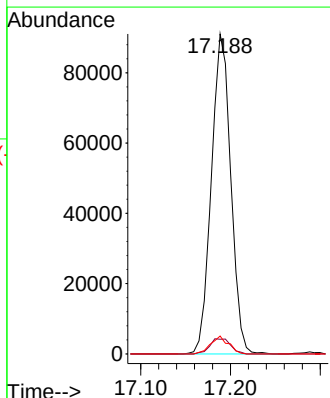
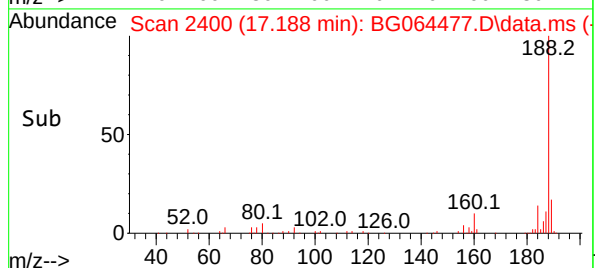
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

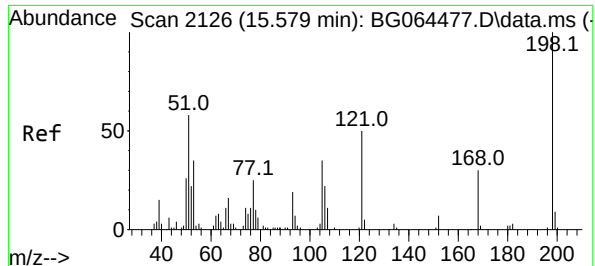


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.188 min Scan# 2400  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



Tgt Ion:188 Resp: 137065  
Ion Ratio Lower Upper  
188 100  
94 4.6 3.7 5.5  
80 5.6 4.5 6.7





#65

4,6-Dinitro-2-methylphenol

Concen: 41.634 ng

RT: 15.579 min Scan# 2126

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:198 Resp: 39733

Ion Ratio Lower Upper

198 100

51 59.0 39.0 79.0

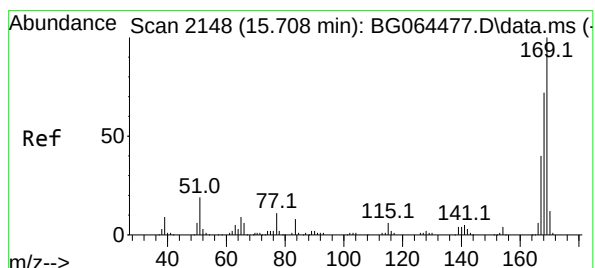
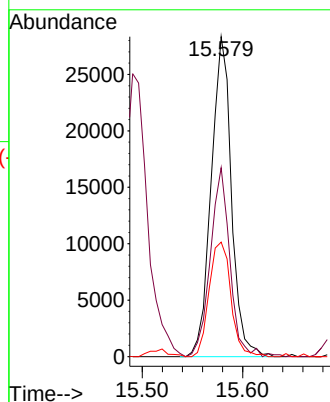
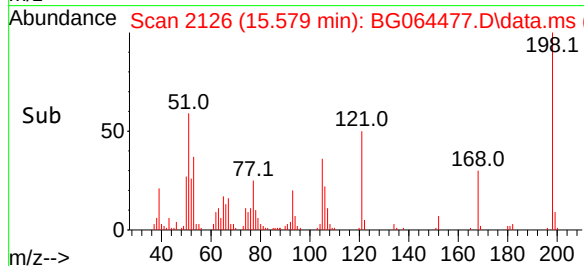
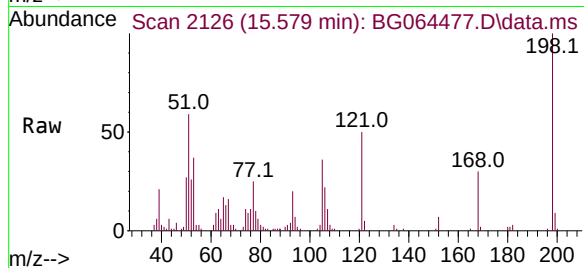
105 35.8 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#66

n-Nitrosodiphenylamine

Concen: 42.580 ng

RT: 15.708 min Scan# 2148

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

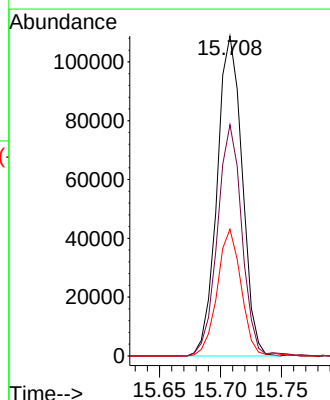
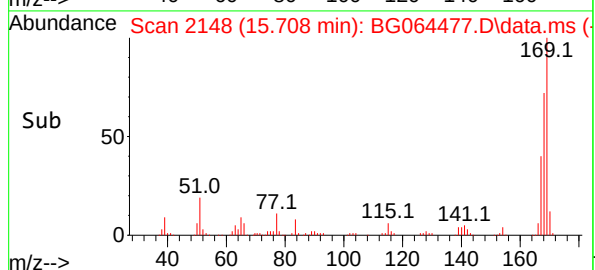
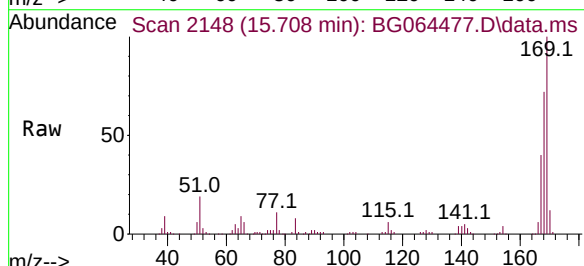
Tgt Ion:169 Resp: 155849

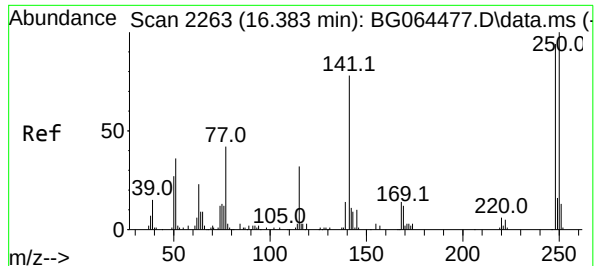
Ion Ratio Lower Upper

169 100

168 72.2 57.8 86.6

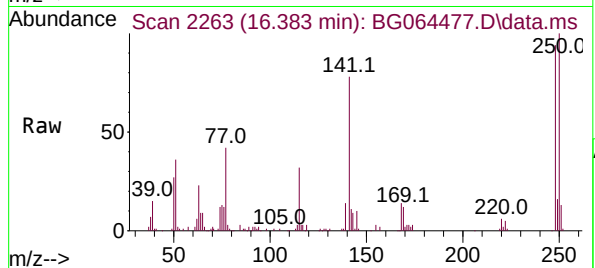
167 39.6 31.7 47.5





#67  
4-Bromophenyl-phenylether  
Concen: 43.066 ng  
RT: 16.383 min Scan# 2263  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

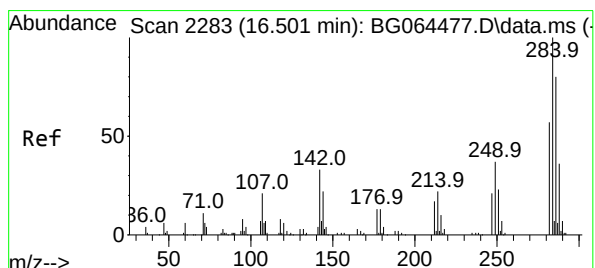
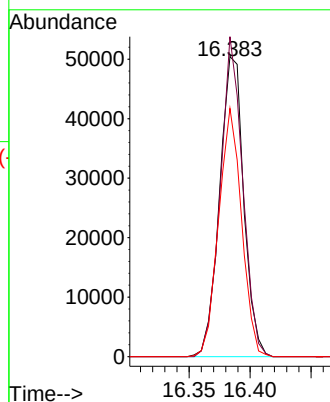
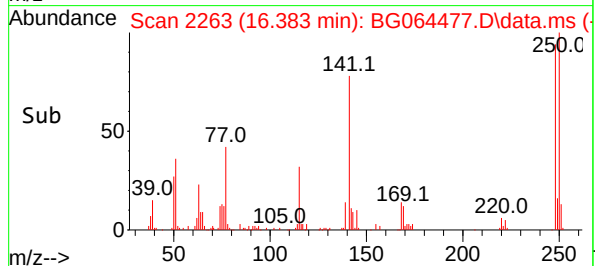
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:248 Resp: 69462  
Ion Ratio Lower Upper  
248 100  
250 106.6 85.3 127.9  
141 82.7 66.2 99.2

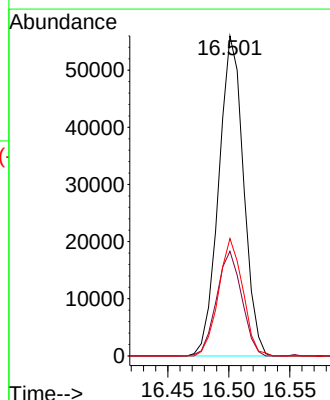
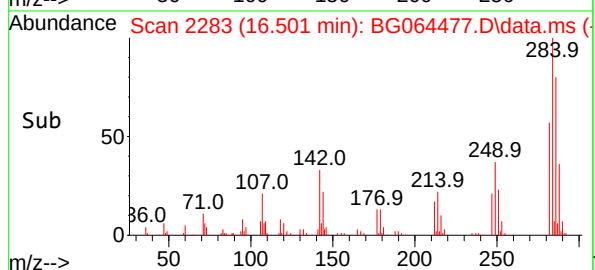
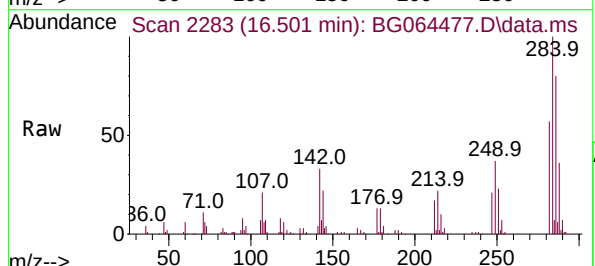
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

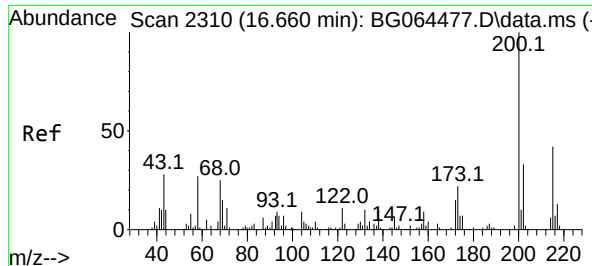


#68  
Hexachlorobenzene  
Concen: 42.809 ng  
RT: 16.501 min Scan# 2283  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:284 Resp: 79010  
Ion Ratio Lower Upper  
284 100  
142 32.7 26.2 39.2  
249 36.7 29.4 44.0







#69

Atrazine

Concen: 42.039 ng

RT: 16.660 min Scan# 2310

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 68458

Ion Ratio Lower Upper

200 100

173 22.5 2.5 42.5

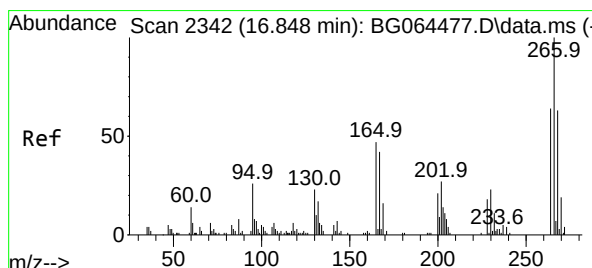
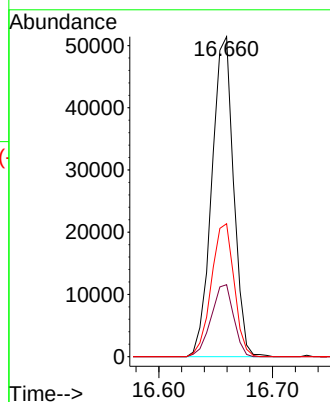
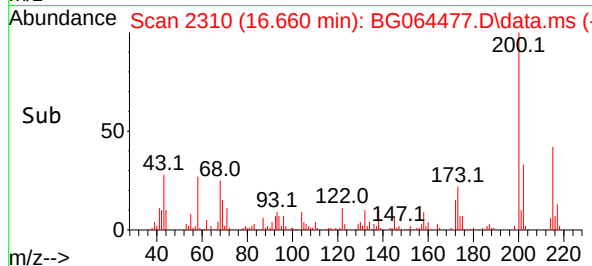
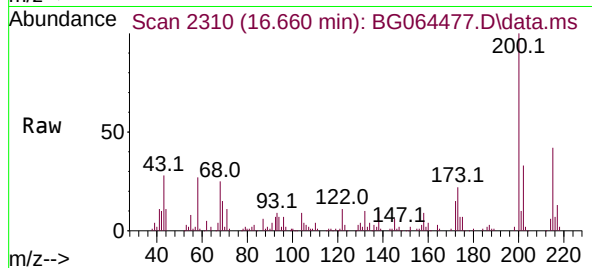
215 41.5 21.5 61.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 43.049 ng

RT: 16.848 min Scan# 2342

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

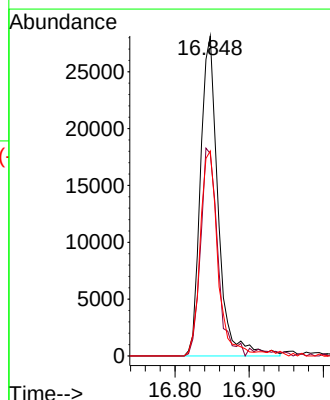
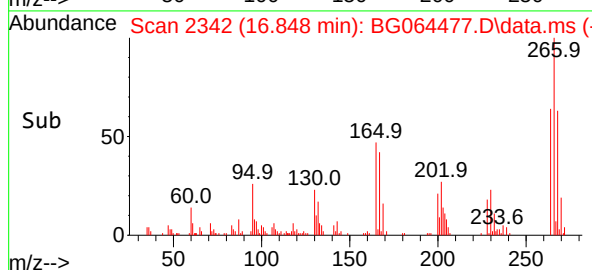
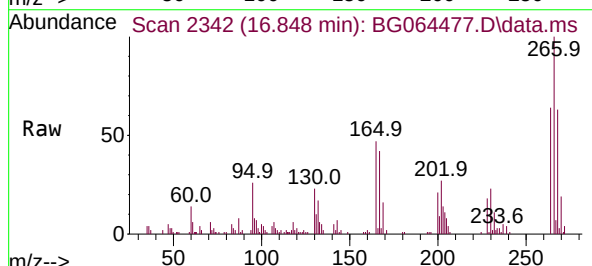
Tgt Ion:266 Resp: 46456

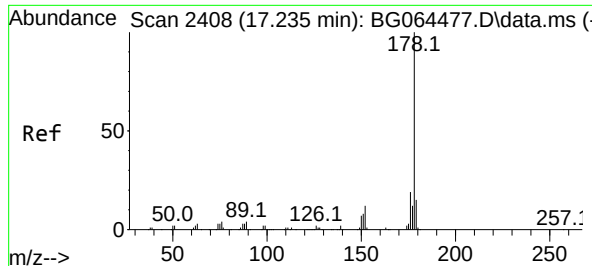
Ion Ratio Lower Upper

266 100

268 63.2 50.6 75.8

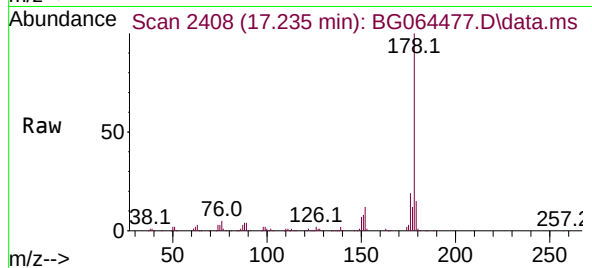
264 64.0 51.2 76.8





#71  
Phenanthrene  
Concen: 42.473 ng  
RT: 17.235 min Scan# 2408  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

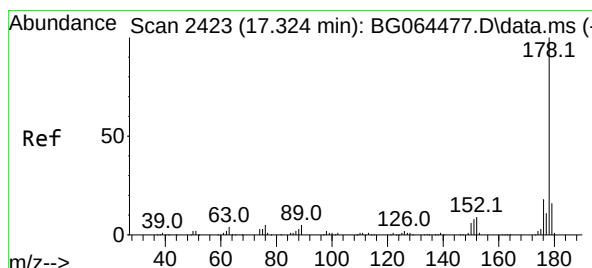
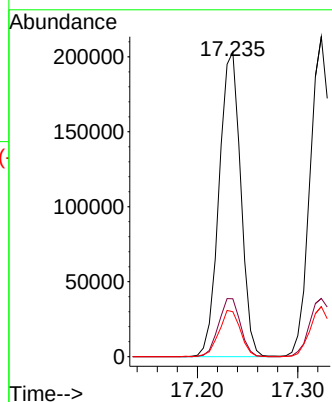
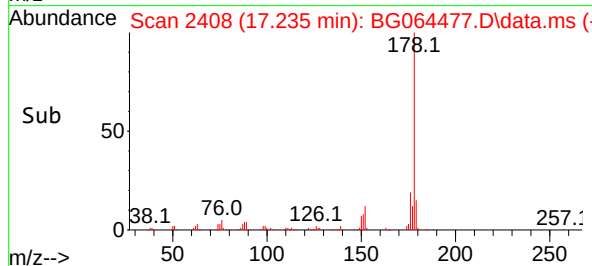
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:178 Resp: 30444  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.2 22.8  
179 14.7 11.8 17.6

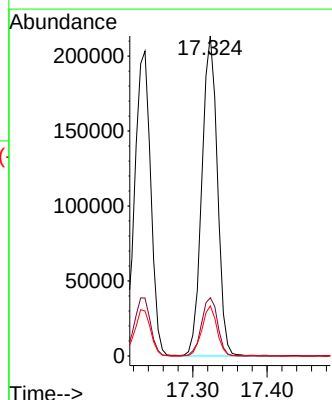
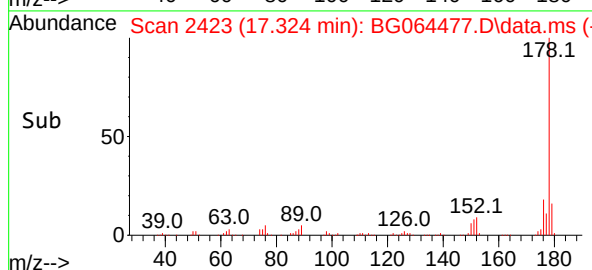
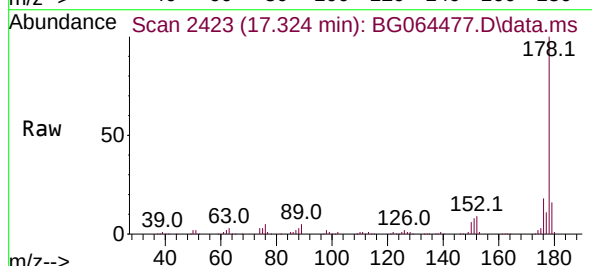
Manual Integrations  
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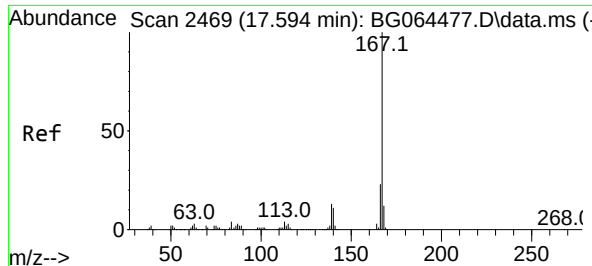
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#72  
Anthracene  
Concen: 43.082 ng  
RT: 17.324 min Scan# 2423  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

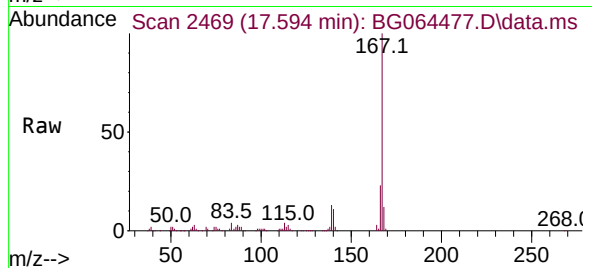
Tgt Ion:178 Resp: 309798  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.6 21.8  
179 15.6 12.5 18.7





#73  
Carbazole  
Concen: 43.520 ng  
RT: 17.594 min Scan# 2469  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

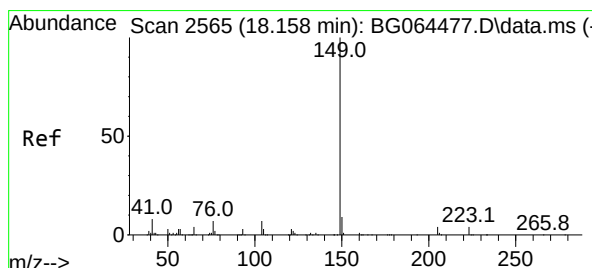
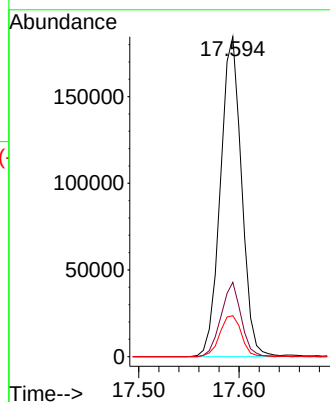
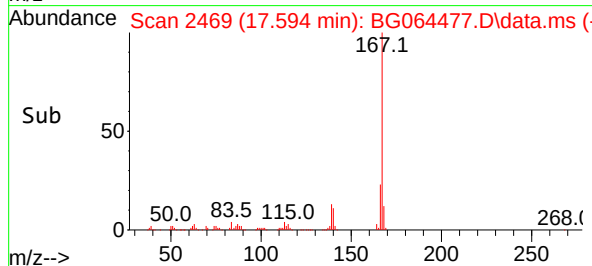
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:167 Resp: 270505  
Ion Ratio Lower Upper  
167 100  
166 23.2 18.6 27.8  
139 12.8 10.2 15.4

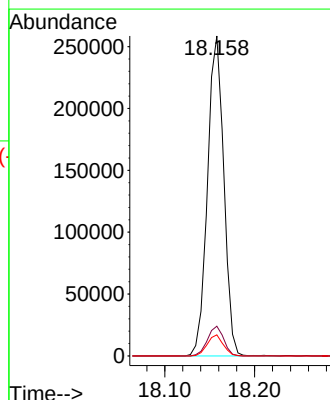
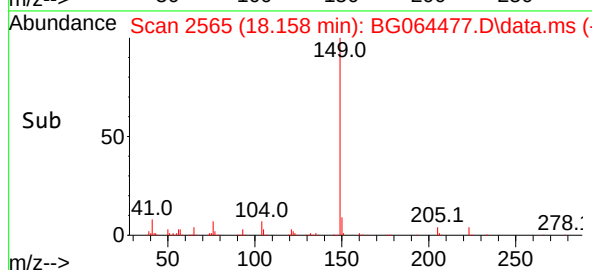
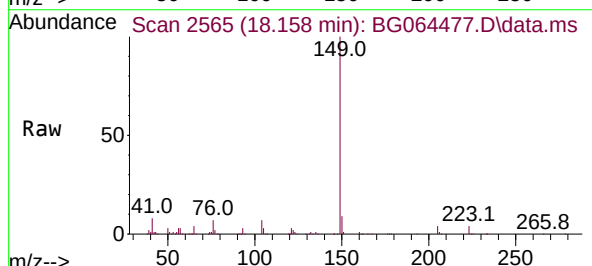
Manual Integrations  
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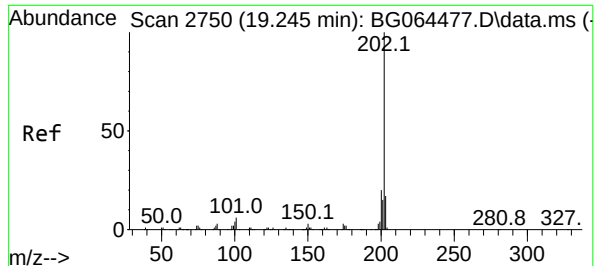
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#74  
Di-n-butylphthalate  
Concen: 42.948 ng  
RT: 18.158 min Scan# 2565  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

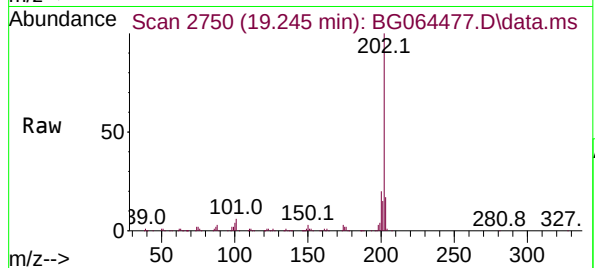
Tgt Ion:149 Resp: 325874  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.2  
104 6.6 5.3 7.9





#75  
Fluoranthene  
Concen: 42.577 ng  
RT: 19.245 min Scan# 2750  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

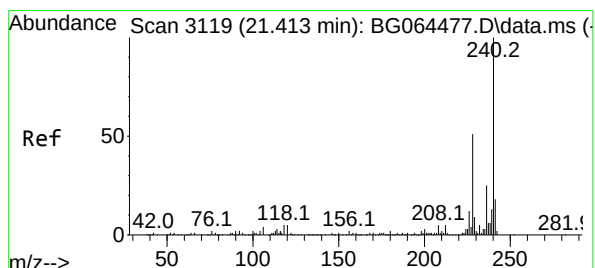
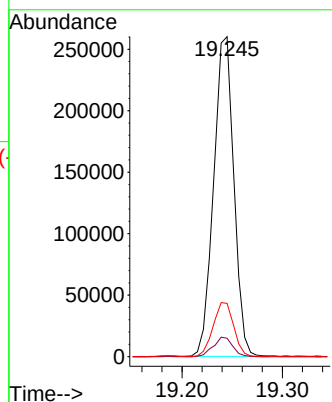
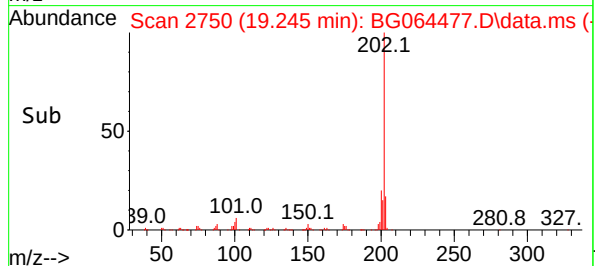
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



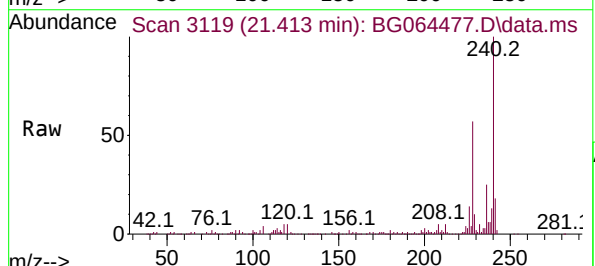
Tgt Ion:202 Resp: 364596  
Ion Ratio Lower Upper  
202 100  
101 5.7 0.0 25.7  
203 16.6 0.0 36.6

Manual Integrations  
APPROVED

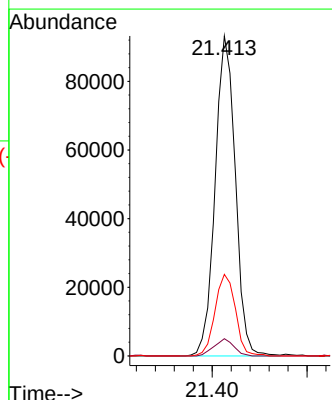
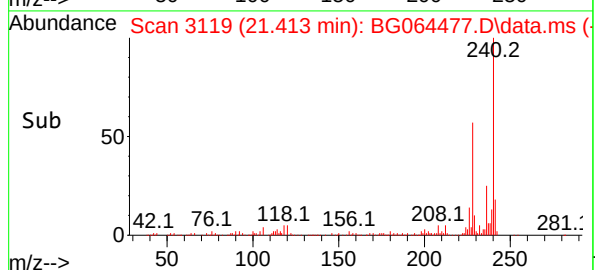
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

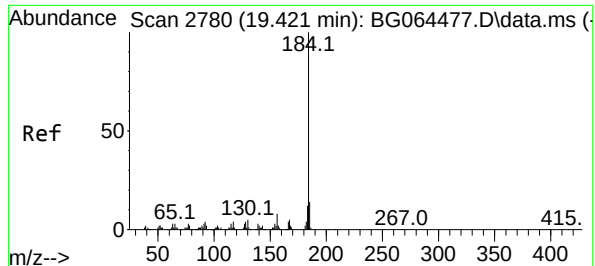


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.413 min Scan# 3119  
Delta R.T. 0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14



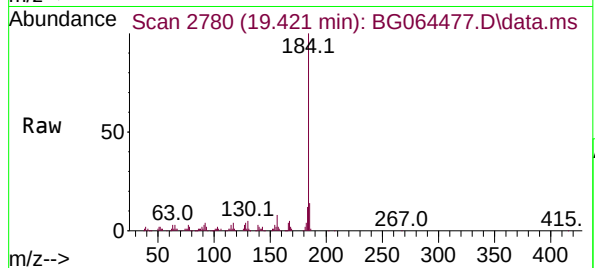
Tgt Ion:240 Resp: 137806  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.3 6.5  
236 25.5 20.4 30.6





#77  
Benzidine  
Concen: 52.157 ng  
RT: 19.421 min Scan# 2780  
Delta R.T. -0.004 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

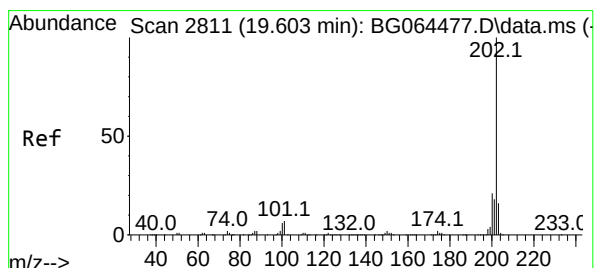
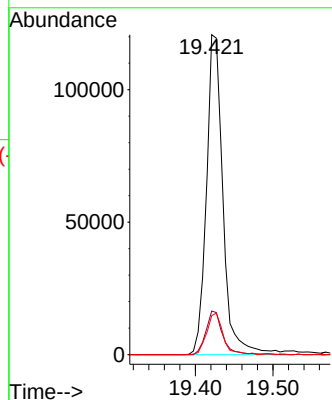
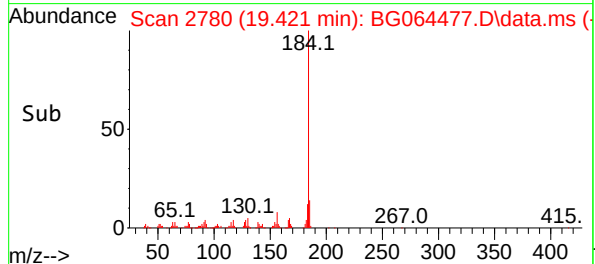
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:184 Resp: 178853  
Ion Ratio Lower Upper  
184 100  
185 13.6 10.9 16.3  
183 12.2 9.8 14.6

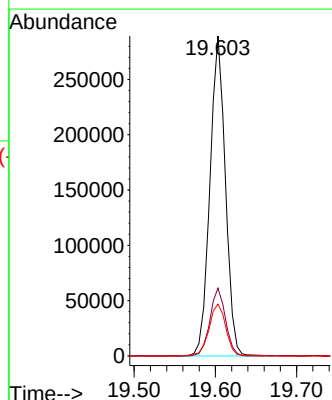
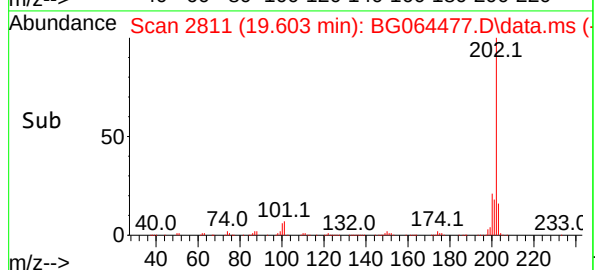
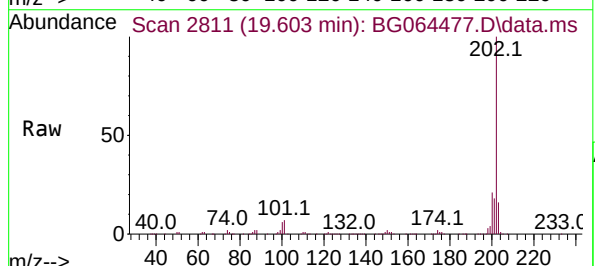
Manual Integrations  
APPROVED

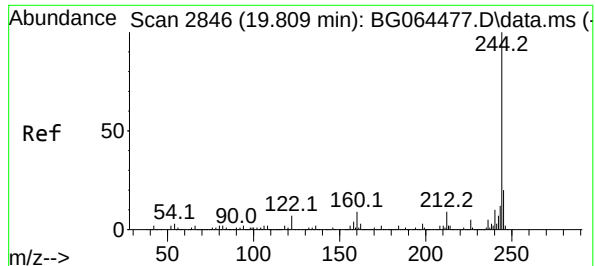
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#78  
Pyrene  
Concen: 42.890 ng  
RT: 19.603 min Scan# 2811  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

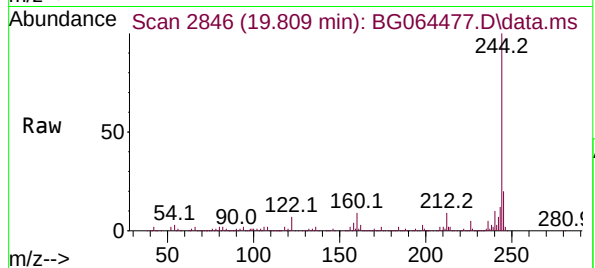
Tgt Ion:202 Resp: 383571  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 16.2 13.0 19.4





#79  
Terphenyl-d14  
Concen: 85.021 ng  
RT: 19.809 min Scan# 2846  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

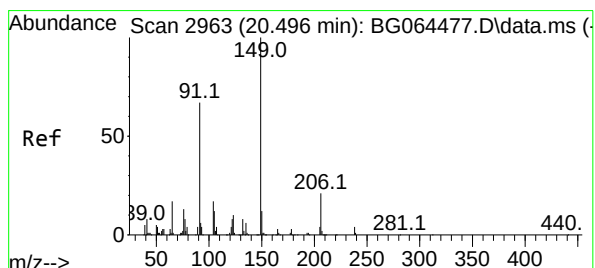
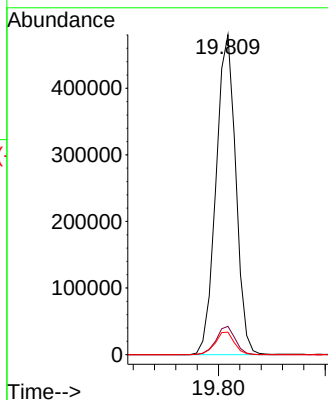
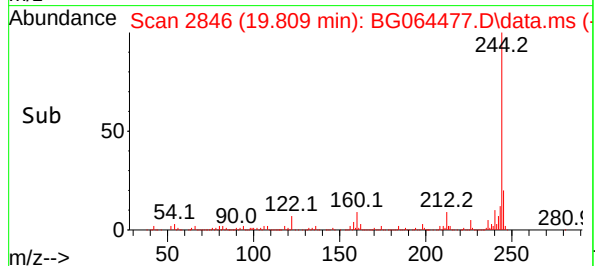
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:244 Resp: 619099  
Ion Ratio Lower Upper  
244 100  
212 8.8 7.0 10.6  
122 7.0 5.6 8.4

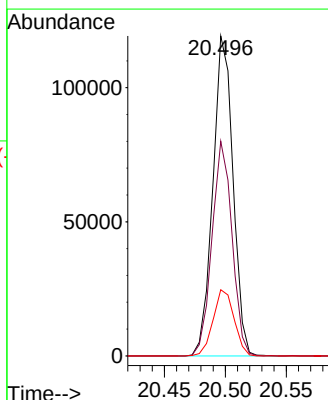
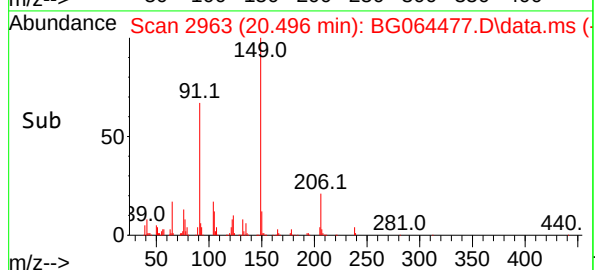
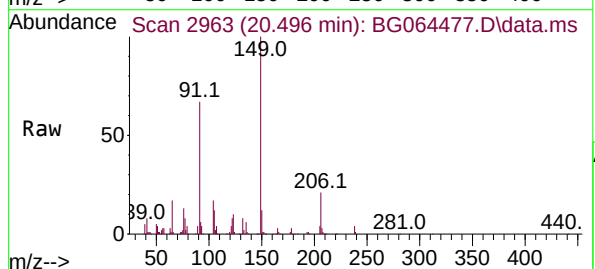
Manual Integrations  
APPROVED

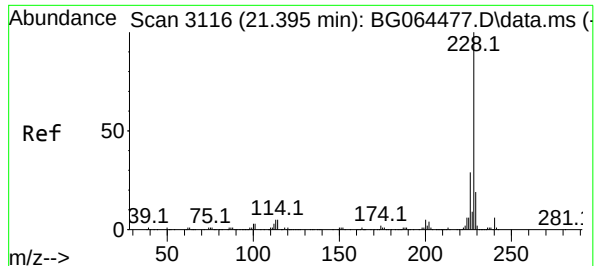
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#80  
Butylbenzylphthalate  
Concen: 43.202 ng  
RT: 20.496 min Scan# 2963  
Delta R.T. -0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

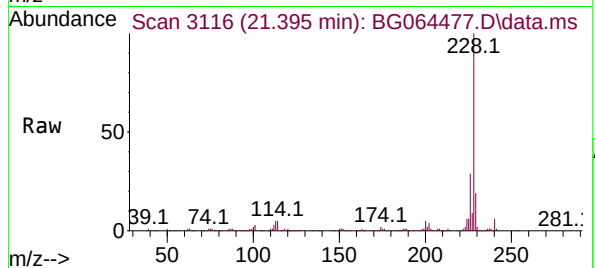
Tgt Ion:149 Resp: 136961  
Ion Ratio Lower Upper  
149 100  
91 67.1 53.7 80.5  
206 20.7 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 42.392 ng  
RT: 21.395 min Scan# 3116  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

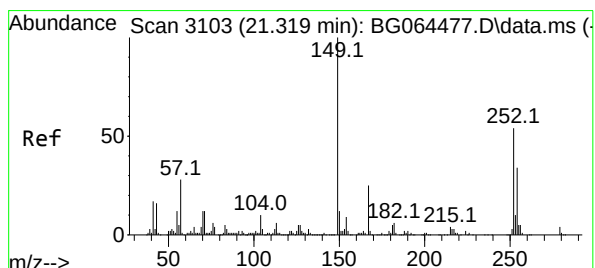
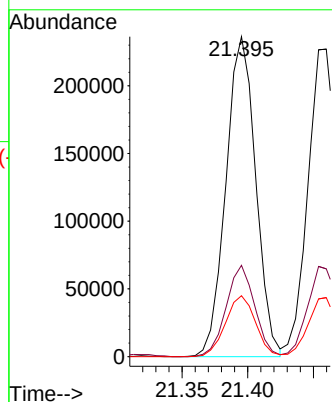
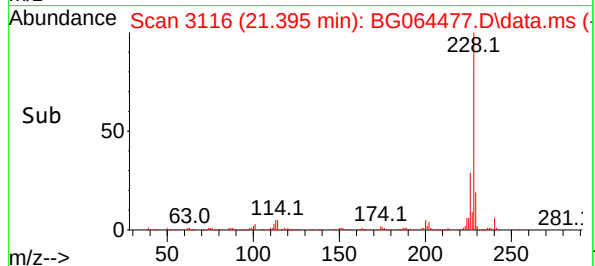
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:228 Resp: 373009  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.8 34.2  
229 19.0 15.2 22.8

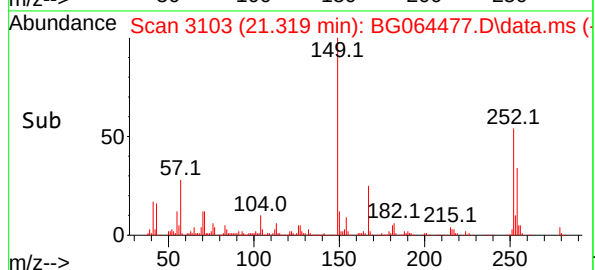
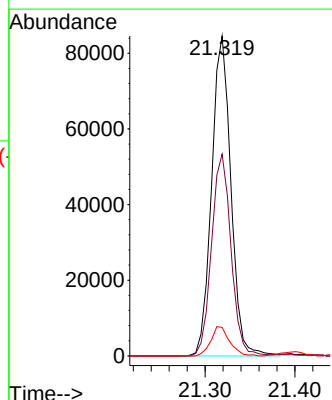
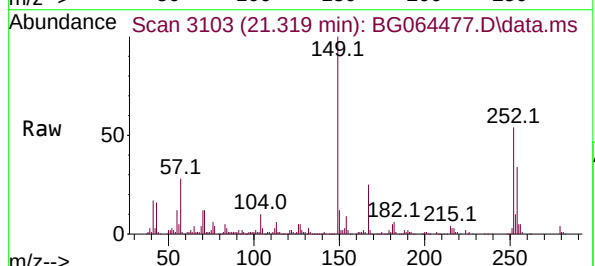
Manual Integrations  
APPROVED

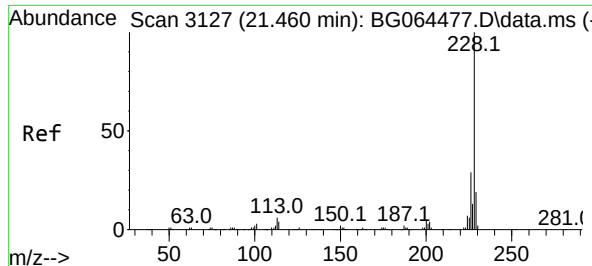
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 42.345 ng  
RT: 21.319 min Scan# 3103  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 126107  
Ion Ratio Lower Upper  
252 100  
254 63.1 50.5 75.7  
126 8.9 7.1 10.7





#83

Chrysene

Concen: 42.849 ng

RT: 21.460 min Scan# 3127

Delta R.T. 0.008 min

Lab File: BG064477.D

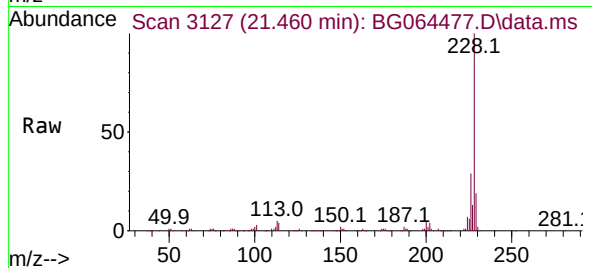
Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



Tgt Ion:228 Resp: 357552

Ion Ratio Lower Upper

228 100

226 28.5 22.8 34.2

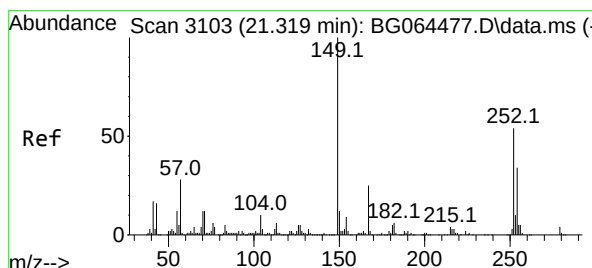
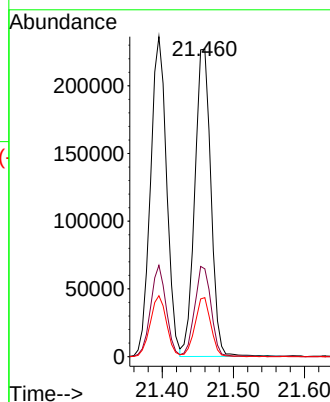
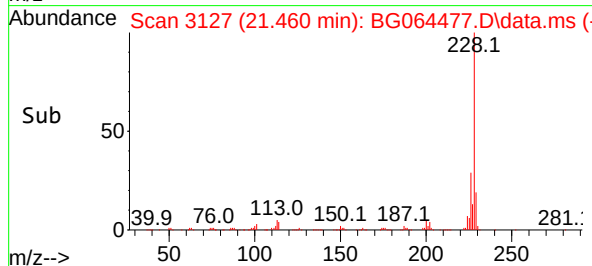
229 19.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.664 ng

RT: 21.319 min Scan# 3103

Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

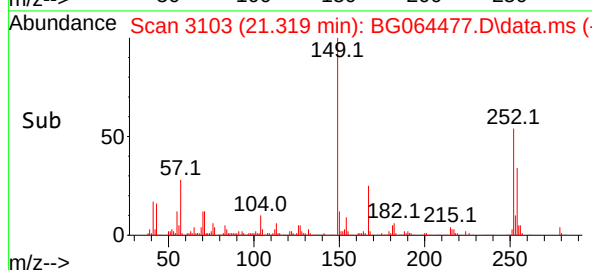
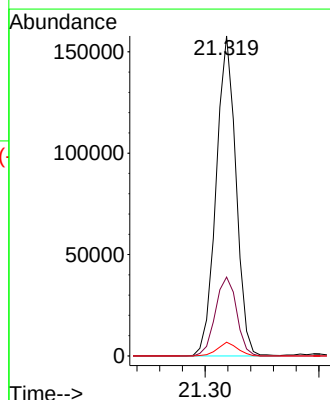
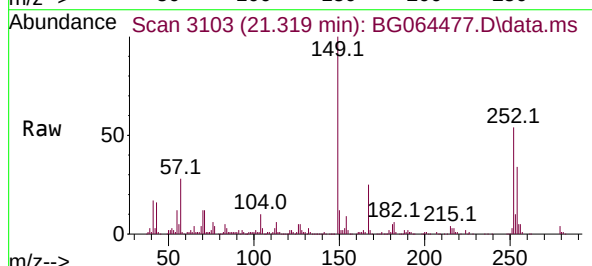
Tgt Ion:149 Resp: 190838

Ion Ratio Lower Upper

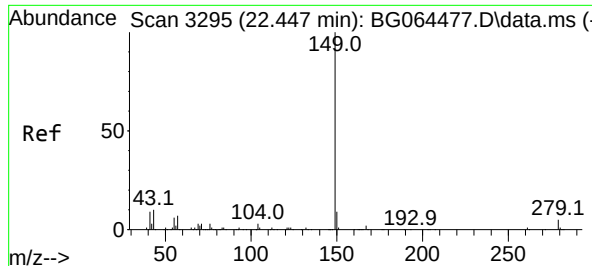
149 100

167 24.6 19.7 29.5

279 4.3 3.4 5.2

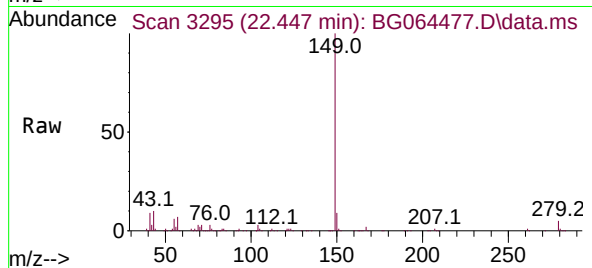






#85  
Di-n-octyl phthalate  
Concen: 42.277 ng  
RT: 22.447 min Scan# 31  
Delta R.T. 0.008 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

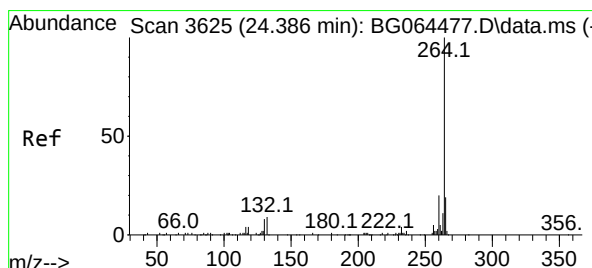
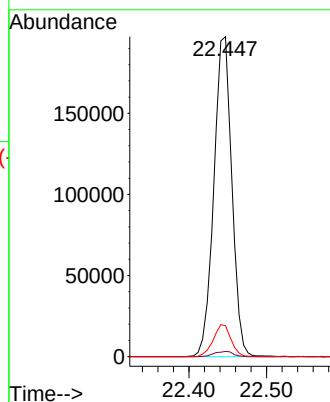
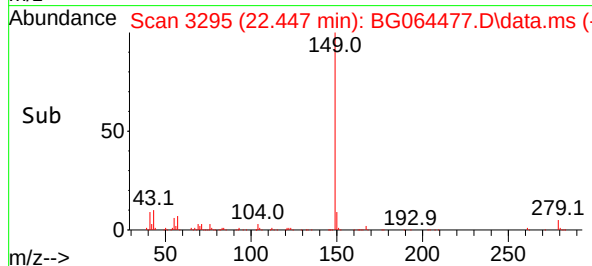
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:149 Resp: 317830  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 9.9 7.9 11.9

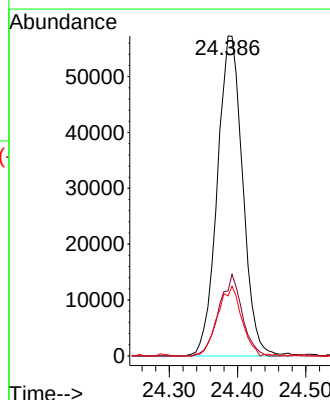
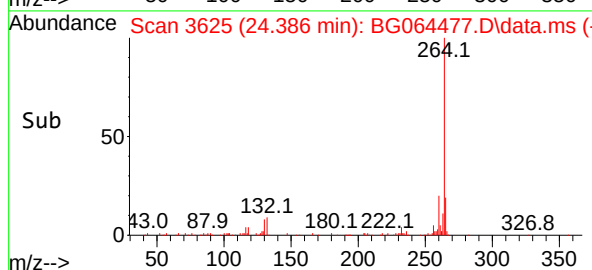
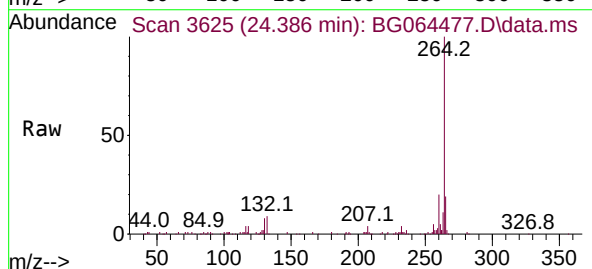
Manual Integrations  
APPROVED

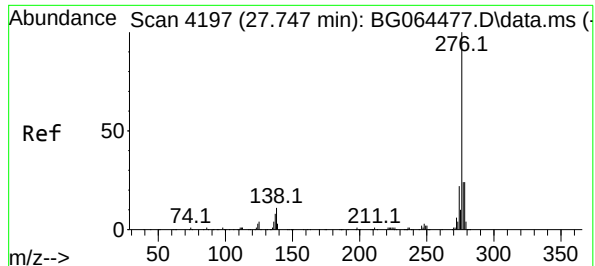
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.386 min Scan# 3625  
Delta R.T. -0.003 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

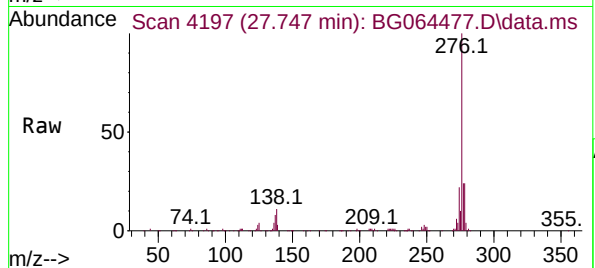
Tgt Ion:264 Resp: 147142  
Ion Ratio Lower Upper  
264 100  
260 20.3 16.2 24.4  
265 18.7 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.906 ng  
RT: 27.747 min Scan# 4197  
Delta R.T. 0.014 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

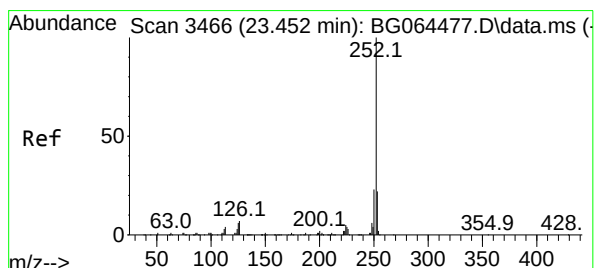
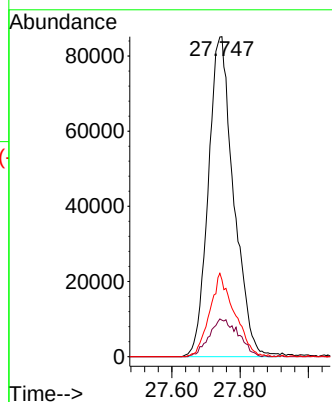
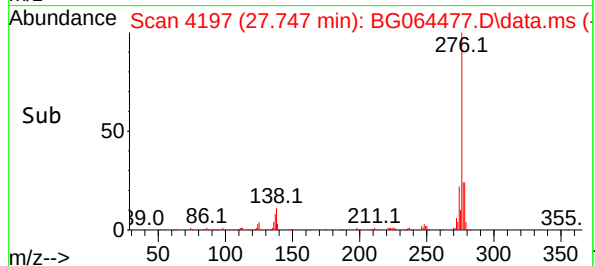
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:276 Resp: 439448  
Ion Ratio Lower Upper  
276 100  
138 13.5 10.8 16.2  
277 25.4 20.3 30.5

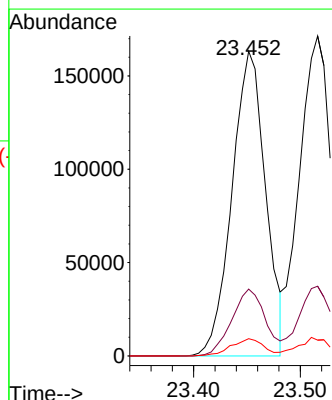
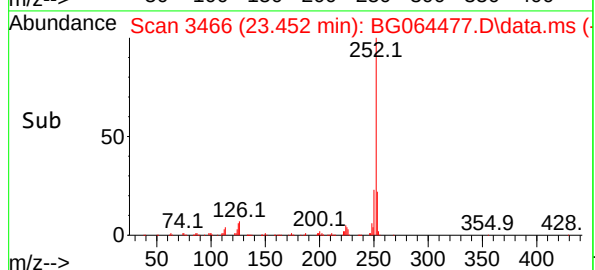
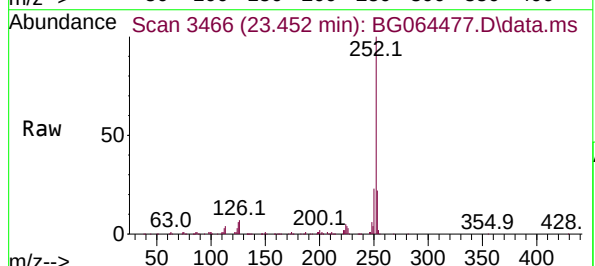
Manual Integrations  
APPROVED

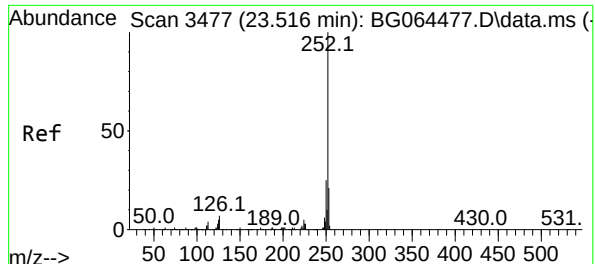
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#88  
Benzo(b)fluoranthene  
Concen: 42.621 ng  
RT: 23.452 min Scan# 3466  
Delta R.T. 0.002 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:252 Resp: 356780  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 5.6 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 43.050 ng

RT: 23.516 min Scan# 3477

Delta R.T. 0.008 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

Instrument :

BNA\_G

ClientSampleId :

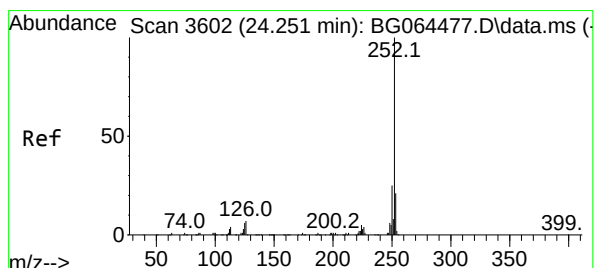
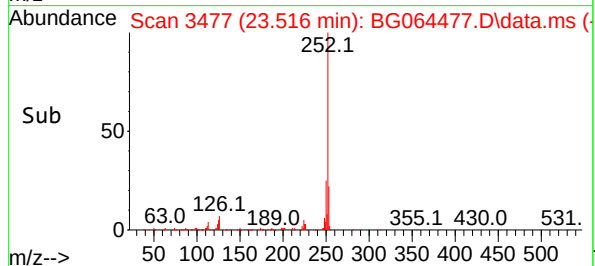
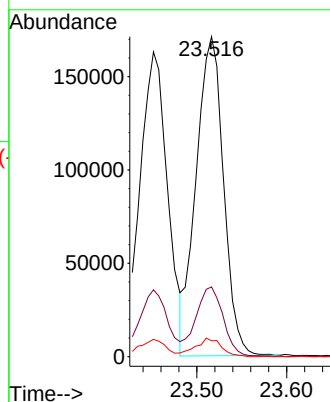
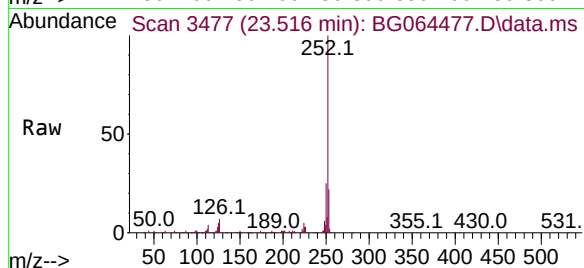
SSTDICCC040

Tgt Ion:252 Resp: 362948  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 5.0 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 42.800 ng

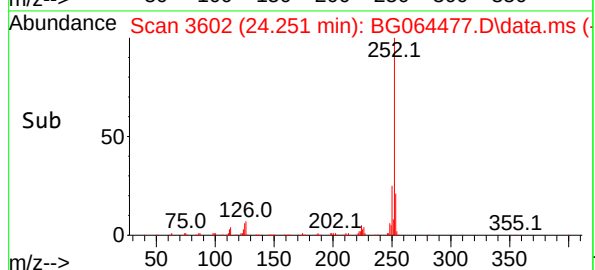
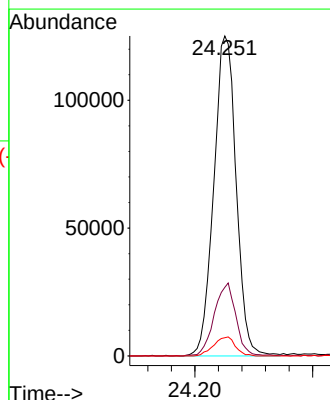
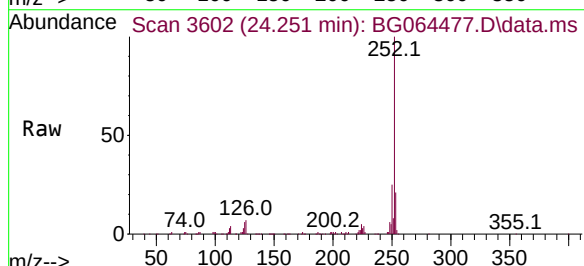
RT: 24.251 min Scan# 3602

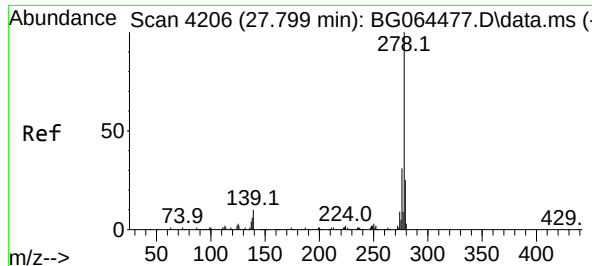
Delta R.T. 0.002 min

Lab File: BG064477.D

Acq: 2 Oct 2025 12:14

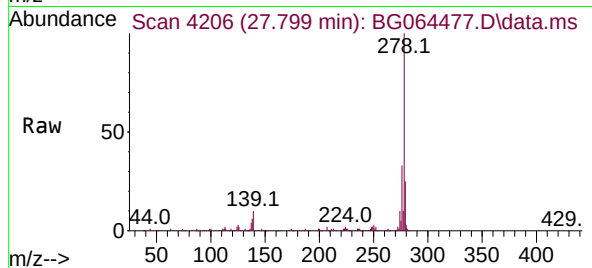
Tgt Ion:252 Resp: 330197  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.1 25.7  
125 5.7 4.6 6.8





#91  
Dibenzo(a,h)anthracene  
Concen: 42.755 ng  
RT: 27.799 min Scan# 4206  
Delta R.T. 0.020 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

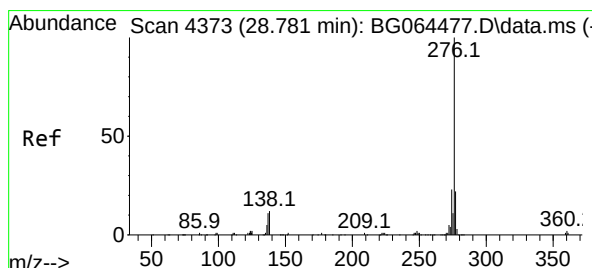
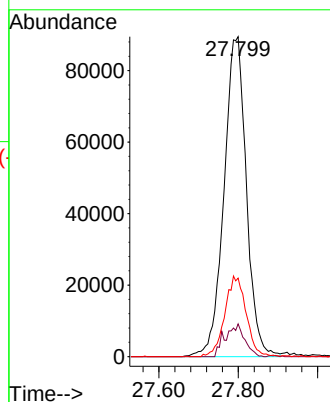
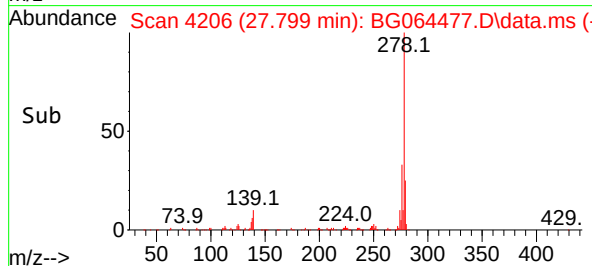
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:278 Resp: 350192  
Ion Ratio Lower Upper  
278 100  
139 10.2 8.2 12.2  
279 24.5 19.6 29.4

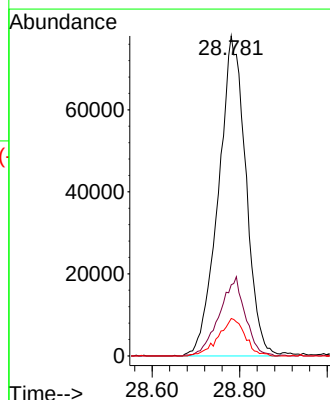
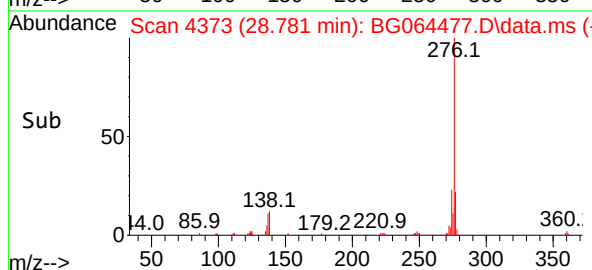
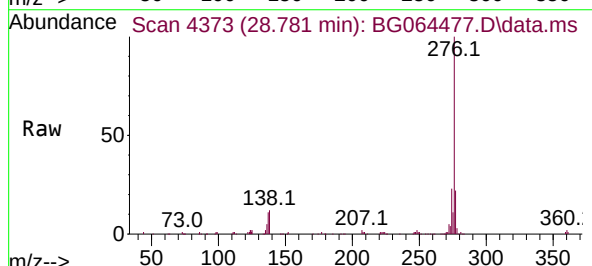
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 42.613 ng  
RT: 28.781 min Scan# 4373  
Delta R.T. 0.014 min  
Lab File: BG064477.D  
Acq: 2 Oct 2025 12:14

Tgt Ion:276 Resp: 339180  
Ion Ratio Lower Upper  
276 100  
277 22.2 17.8 26.6  
138 11.7 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064478.D  
 Acq On : 2 Oct 2025 12:55  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 23869    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.610 | 136  | 102736   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.452 | 164  | 77950    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.190 | 188  | 200361   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.415 | 240  | 197724   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.394 | 264  | 211036   | 20.000  | ng    | # 0.00   |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.410  | 112  | 127857   | 99.134  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.002  | 99   | 171087   | 98.712  | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.982  | 82   | 189687   | 99.278  | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 141783   | 100.345 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.078 | 172  | 516540   | 97.676  | ng    | 0.01     |
| 79) Terphenyl-d14             | 19.811 | 244  | 1018211  | 97.457  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.324  | 88   | 23748    | 46.551  | ng    | 93       |
| 3) Pyridine                   | 3.718  | 79   | 65738    | 47.947  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.636  | 42   | 49695    | 49.999  | ng    | 100      |
| 6) Aniline                    | 7.155  | 93   | 105749   | 48.370  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.390  | 128  | 75448    | 47.639  | ng    | 94       |
| 9) Benzaldehyde               | 6.967  | 77   | 68724    | 44.668  | ng    | 97       |
| 10) Phenol                    | 7.026  | 94   | 90535    | 49.517  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.249  | 93   | 59666    | 48.187  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.713  | 146  | 82662    | 47.713  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.860  | 146  | 84794    | 48.767  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.177  | 146  | 82182    | 47.956  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.060  | 79   | 80094    | 50.179  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.348  | 45   | 98476    | 49.340  | ng    | 95       |
| 17) 2-Methylphenol            | 8.271  | 107  | 64206    | 48.496  | ng    | 96       |
| 18) Hexachloroethane          | 8.900  | 117  | 33535    | 48.862  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.636  | 70   | 57232    | 49.375  | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.600  | 107  | 89015    | 48.180  | ng    | 95       |
| 22) Acetophenone              | 8.642  | 105  | 125989   | 50.649  | ng    | # 98     |
| 24) Nitrobenzene              | 9.023  | 77   | 93559    | 49.104  | ng    | 98       |
| 25) Isophorone                | 9.546  | 82   | 169476   | 48.963  | ng    | # 97     |
| 26) 2-Nitrophenol             | 9.729  | 139  | 47538    | 50.130  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.793  | 122  | 73076    | 50.454  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.028 | 93   | 86333    | 48.931  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.263 | 162  | 82797    | 49.435  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.481 | 180  | 87173    | 47.734  | ng    | 96       |
| 31) Naphthalene               | 10.663 | 128  | 255453   | 48.286  | ng    | 98       |
| 32) Benzoic acid              | 9.975  | 122  | 60774m   | 54.652  | ng    |          |
| 33) 4-Chloroaniline           | 10.768 | 127  | 99704    | 49.113  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.951 | 225  | 76081    | 48.646  | ng    | 97       |
| 35) Caprolactam               | 11.562 | 113  | 28417    | 49.561  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.902 | 107  | 100226   | 49.208  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.273 | 142  | 199899   | 49.224  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.490 | 142  | 192614   | 47.567  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.643 | 216  | 124648   | 49.525  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.625 | 237  | 69372    | 52.692  | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 12.884 | 196  | 81144    | 50.434  | ng    | 99       |

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 Data File : BG064478.D  
 Acq On : 2 Oct 2025 12:55  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

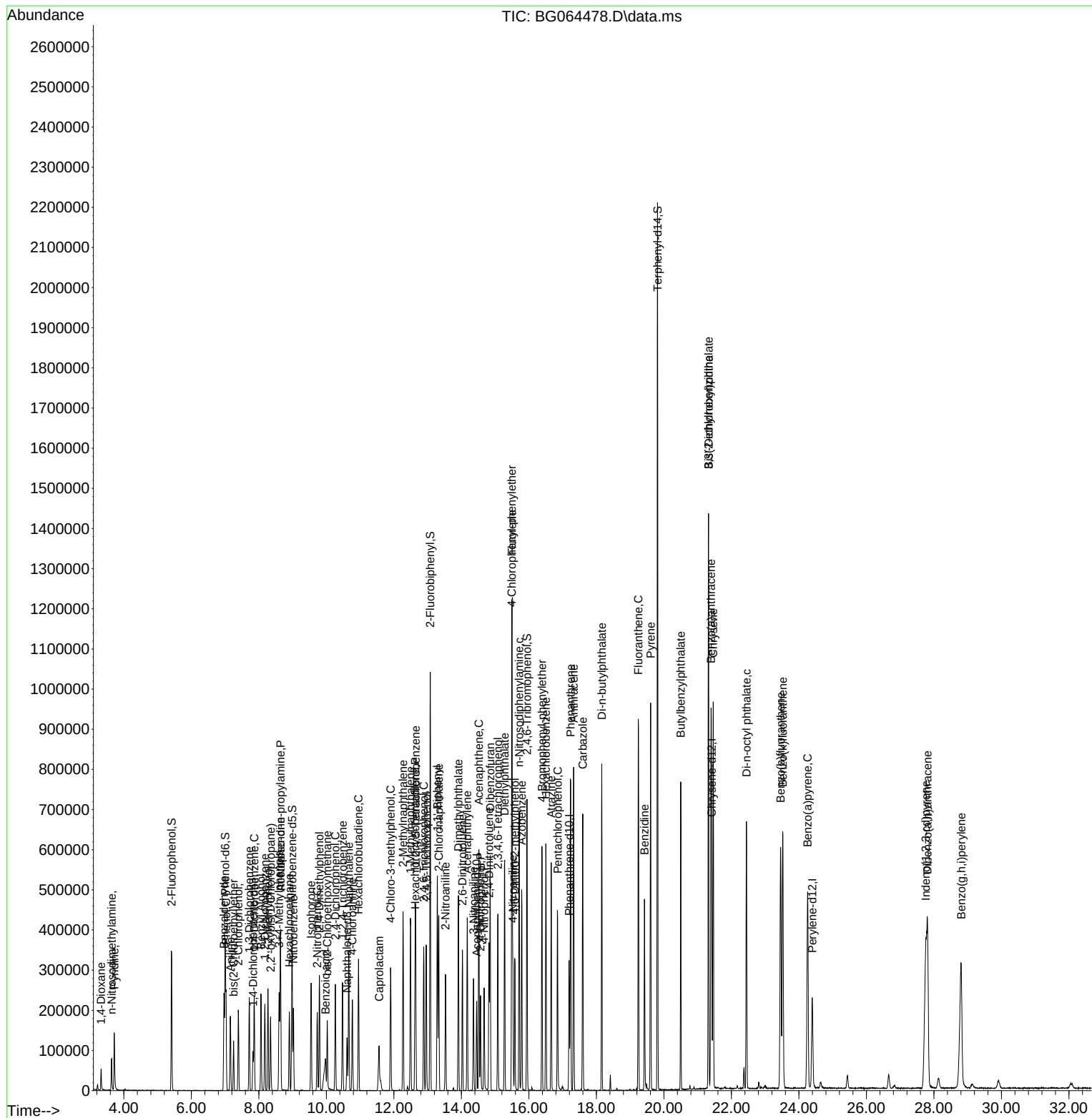
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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.960 | 196  | 90524    | 50.396 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.289 | 154  | 279537   | 49.860 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.330 | 162  | 205802   | 49.166 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.530 | 65   | 75138    | 52.594 | ng    | 94       |
| 49) Acenaphthylene            | 14.170 | 152  | 306740   | 49.365 | ng    | 98       |
| 50) Dimethylphthalate         | 13.912 | 163  | 298441   | 48.884 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.029 | 165  | 64970    | 51.087 | ng    | 93       |
| 52) Acenaphthene              | 14.517 | 154  | 215606   | 49.943 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.358 | 138  | 61347    | 52.305 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.564 | 184  | 44469    | 48.222 | ng    | 89       |
| 55) Dibenzofuran              | 14.852 | 168  | 354924   | 49.793 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.676 | 139  | 49950    | 54.092 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.817 | 165  | 99930    | 51.401 | ng    | 95       |
| 58) Fluorene                  | 15.498 | 166  | 290041   | 48.945 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.081 | 232  | 92595    | 50.511 | ng    | 98       |
| 60) Diethylphthalate          | 15.281 | 149  | 326367   | 49.833 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.492 | 204  | 159141   | 49.191 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.528 | 138  | 67296    | 55.050 | ng    | 89       |
| 63) Azobenzene                | 15.786 | 77   | 252408   | 49.764 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.580 | 198  | 69009    | 49.467 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.710 | 169  | 254244   | 47.518 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.385 | 248  | 112356   | 47.653 | ng    | 92       |
| 68) Hexachlorobenzene         | 16.503 | 284  | 130063   | 48.208 | ng    | 95       |
| 69) Atrazine                  | 16.662 | 200  | 116098   | 48.772 | ng    | 99       |
| 70) Pentachlorophenol         | 16.850 | 266  | 83126    | 52.695 | ng    | 96       |
| 71) Phenanthrene              | 17.237 | 178  | 501941   | 47.904 | ng    | 99       |
| 72) Anthracene                | 17.325 | 178  | 501276   | 47.688 | ng    | 98       |
| 73) Carbazole                 | 17.596 | 167  | 439490   | 48.370 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.160 | 149  | 538886   | 48.585 | ng    | 100      |
| 75) Fluoranthene              | 19.241 | 202  | 597309   | 47.718 | ng    | 99       |
| 77) Benzidine                 | 19.423 | 184  | 266730   | 54.213 | ng    | 100      |
| 78) Pyrene                    | 19.605 | 202  | 613709   | 47.828 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.498 | 149  | 221172   | 48.623 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.397 | 228  | 611850   | 48.464 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.321 | 252  | 208942   | 48.899 | ng    | 99       |
| 83) Chrysene                  | 21.462 | 228  | 579585   | 48.408 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149  | 317005   | 49.393 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.443 | 149  | 530469   | 49.179 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.754 | 276  | 731852   | 49.822 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.459 | 252  | 602249   | 50.163 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.518 | 252  | 592576   | 49.006 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.259 | 252  | 543872   | 49.152 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.807 | 278  | 588448   | 50.092 | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 28.806 | 276  | 564079   | 49.412 | ng    | 96       |

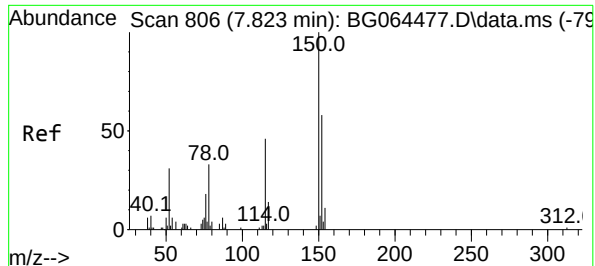
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**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC050

## Manual Integrations APPROVED

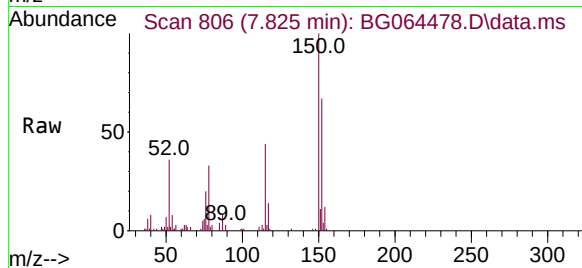
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.825 min Scan# 80  
Delta R.T. 0.005 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

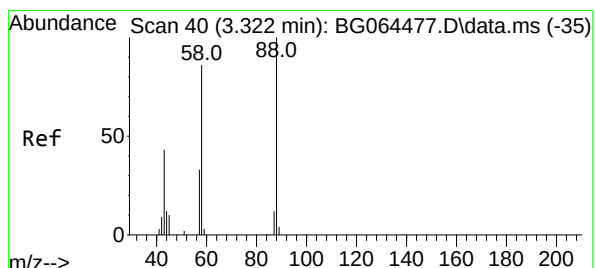
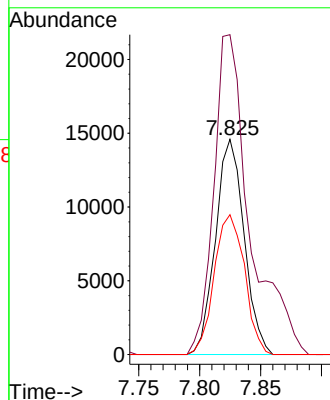
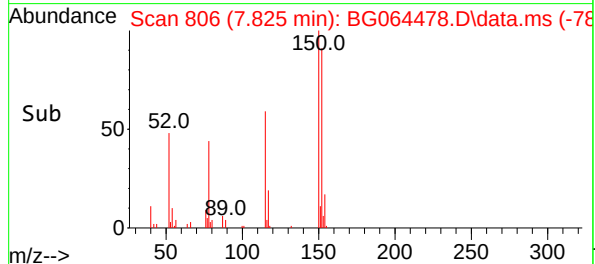
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:152 Resp: 23869  
Ion Ratio Lower Upper  
152 100  
150 148.6 138.6 207.8  
115 65.0 63.4 95.2

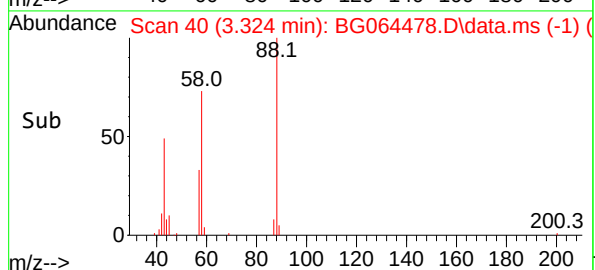
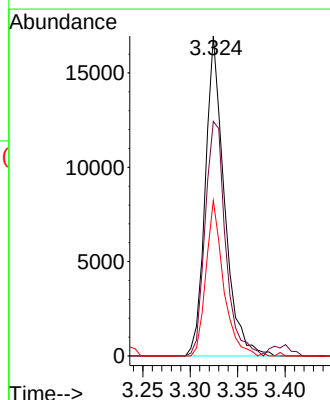
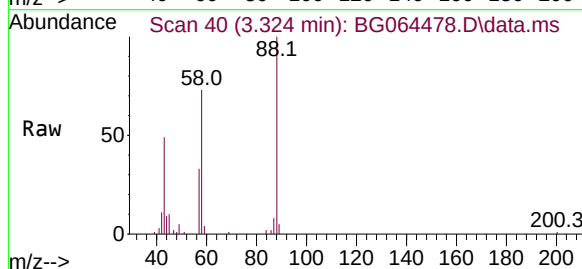
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

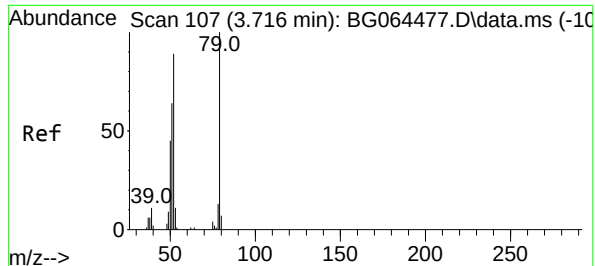


#2  
1,4-Dioxane  
Concen: 46.551 ng  
RT: 3.324 min Scan# 40  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion: 88 Resp: 23748  
Ion Ratio Lower Upper  
88 100  
58 78.5 69.8 104.6  
43 44.5 37.4 56.0

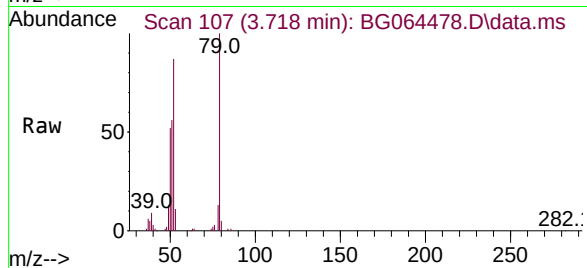






#3  
Pyridine  
Concen: 47.947 ng  
RT: 3.718 min Scan# 107  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

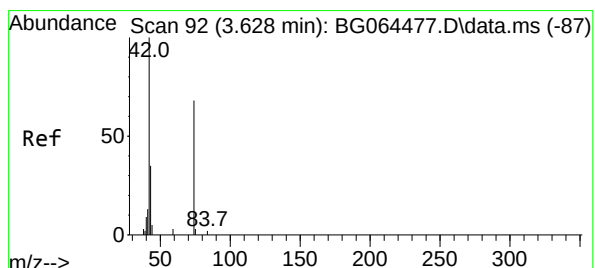
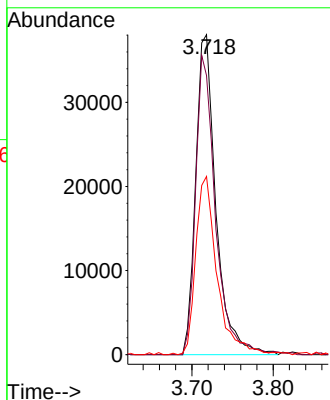
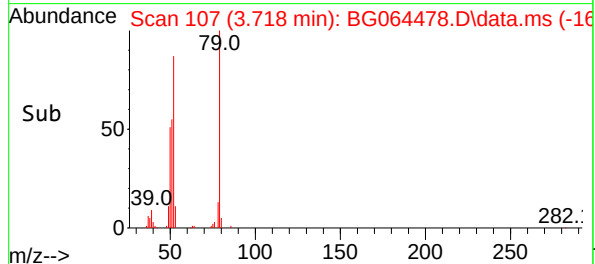
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 79 Resp: 65738  
Ion Ratio Lower Upper  
79 100  
52 87.2 71.0 106.4  
51 55.7 51.0 76.6

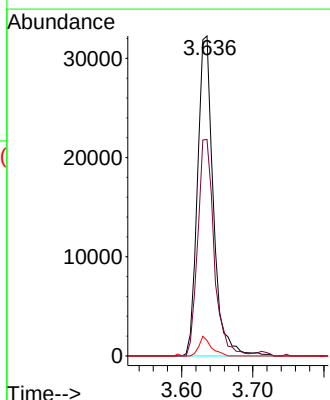
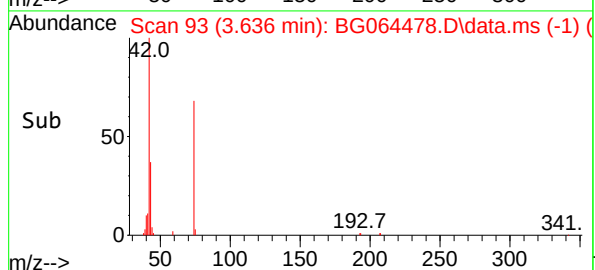
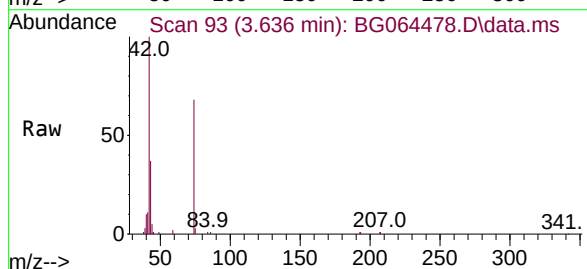
Manual Integrations  
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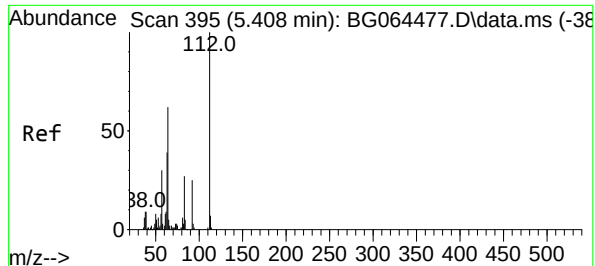
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#4  
n-Nitrosodimethylamine  
Concen: 49.999 ng  
RT: 3.636 min Scan# 93  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

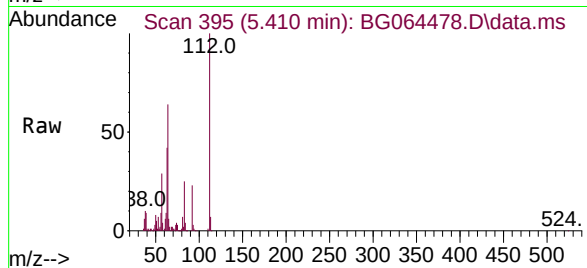
Tgt Ion: 42 Resp: 49695  
Ion Ratio Lower Upper  
42 100  
74 67.6 54.2 81.4  
44 4.8 4.2 6.2





#5  
2-Fluorophenol  
Concen: 99.134 ng  
RT: 5.410 min Scan# 395  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

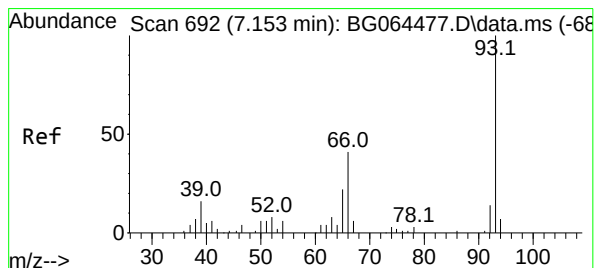
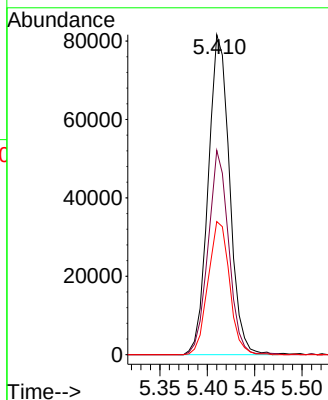
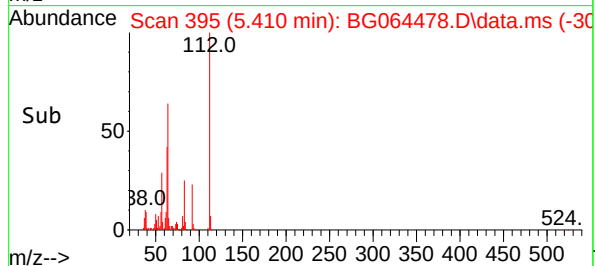
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:112 Resp: 127852  
Ion Ratio Lower Upper  
112 100  
64 63.8 49.8 74.8  
63 41.6 31.3 46.9

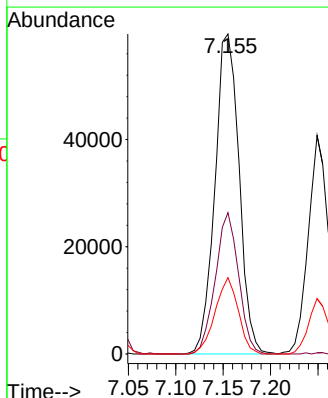
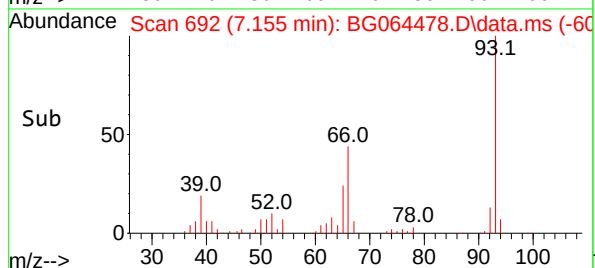
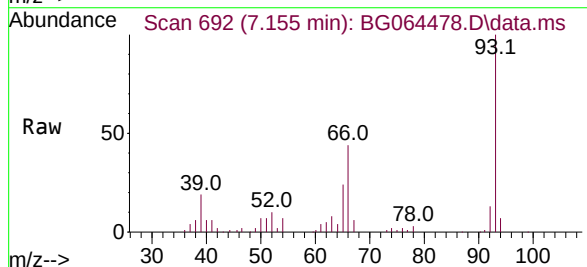
Manual Integrations  
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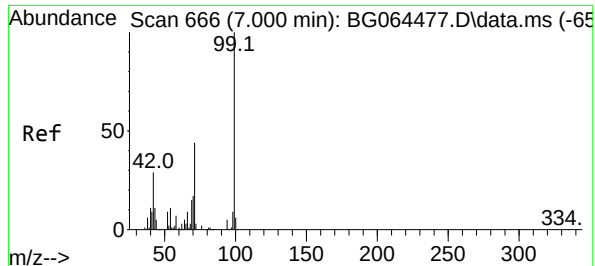
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#6  
Aniline  
Concen: 48.370 ng  
RT: 7.155 min Scan# 692  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion: 93 Resp: 105749  
Ion Ratio Lower Upper  
93 100  
66 44.1 33.0 49.4  
65 23.8 17.5 26.3





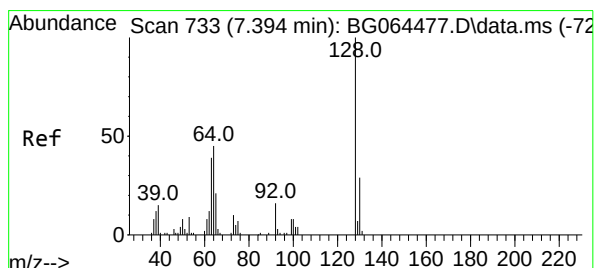
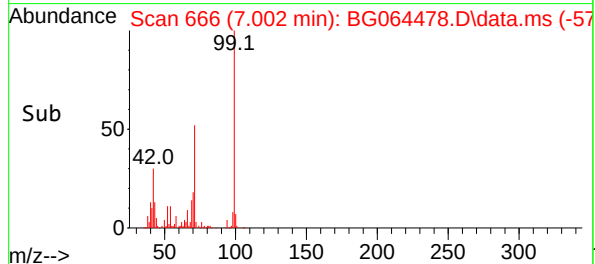
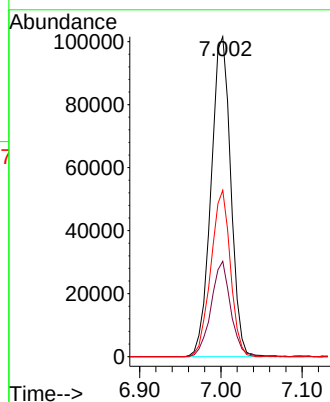
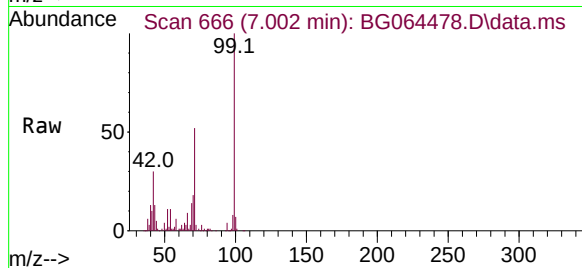
#7  
Phenol-d6  
Concen: 98.712 ng  
RT: 7.002 min Scan# 60  
Delta R.T. 0.016 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion: 99 Resp: 17108  
Ion Ratio Lower Upper  
99 100  
42 29.8 22.9 34.3  
71 52.0 35.4 53.2

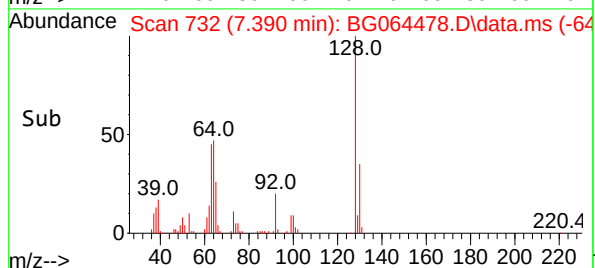
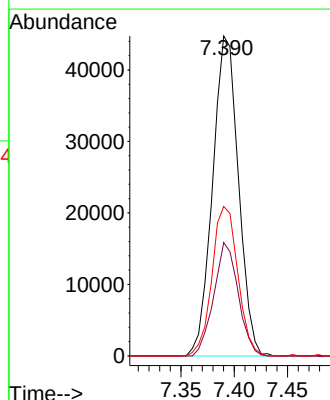
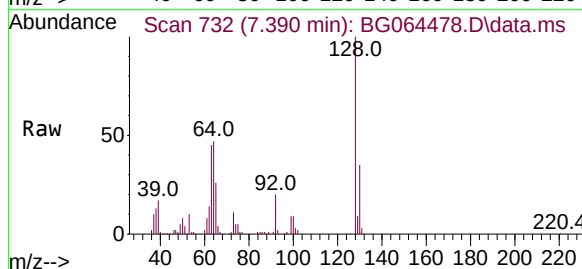
Manual Integrations  
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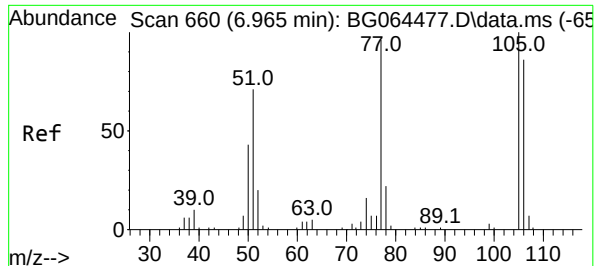
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#8  
2-Chlorophenol  
Concen: 47.639 ng  
RT: 7.390 min Scan# 732  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion:128 Resp: 75448  
Ion Ratio Lower Upper  
128 100  
130 35.4 9.2 49.2  
64 46.7 25.5 65.5





#9

Benzaldehyde

Concen: 44.668 ng

RT: 6.967 min Scan# 60

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 68724

Ion Ratio Lower Upper

77 100

105 98.3 83.7 123.7

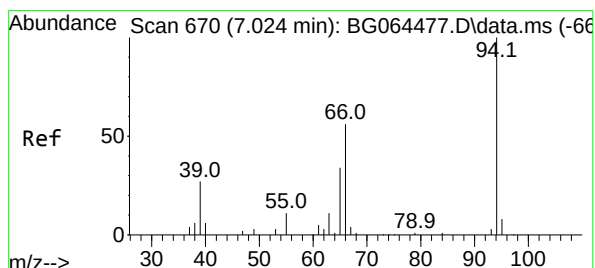
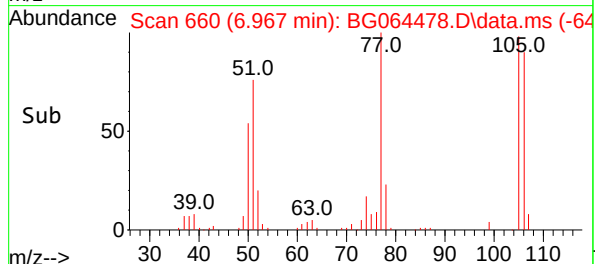
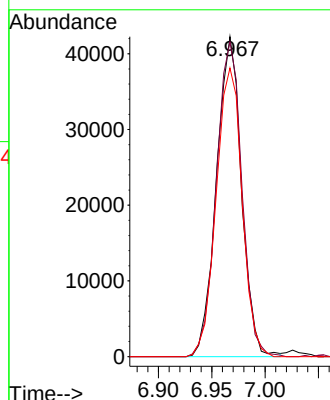
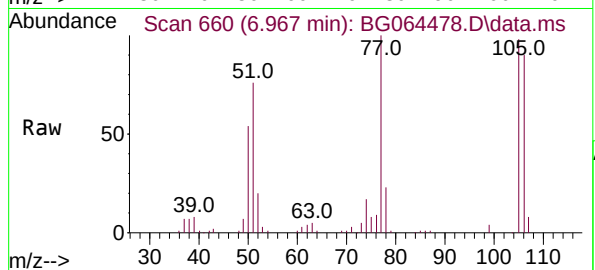
106 90.2 69.4 109.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#10

Phenol

Concen: 49.517 ng

RT: 7.026 min Scan# 670

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

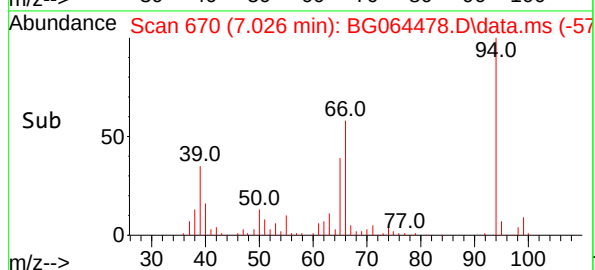
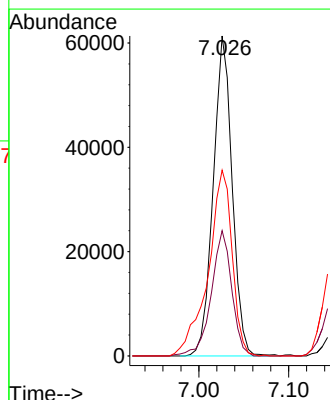
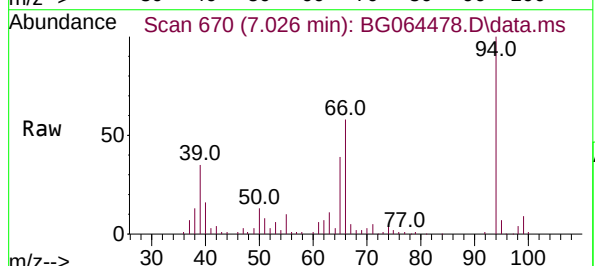
Tgt Ion: 94 Resp: 90535

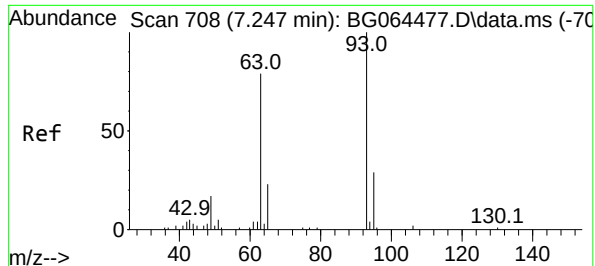
Ion Ratio Lower Upper

94 100

65 39.1 14.8 54.8

66 58.0 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 48.187 ng

RT: 7.249 min Scan# 708

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 5966

Ion Ratio Lower Upper

93 100

63 77.8 59.5 99.5

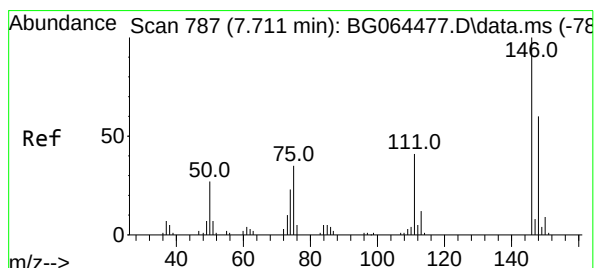
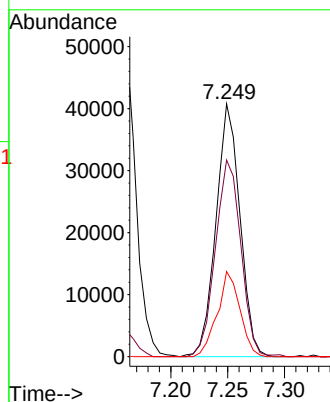
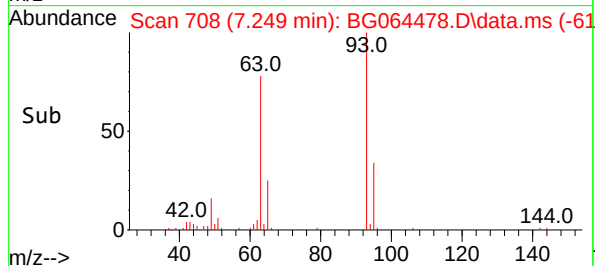
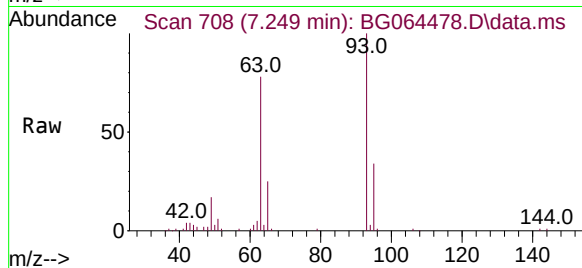
95 33.7 8.8 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 47.713 ng

RT: 7.713 min Scan# 787

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

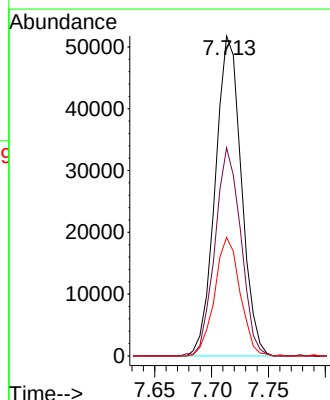
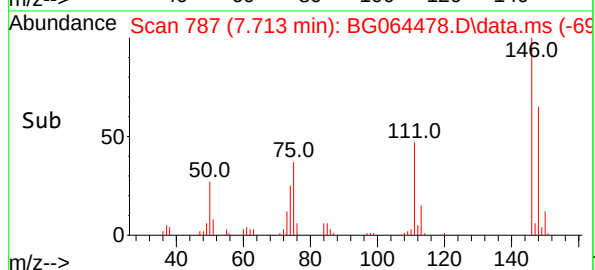
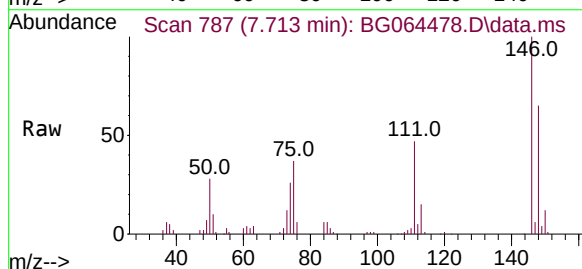
Tgt Ion:146 Resp: 82662

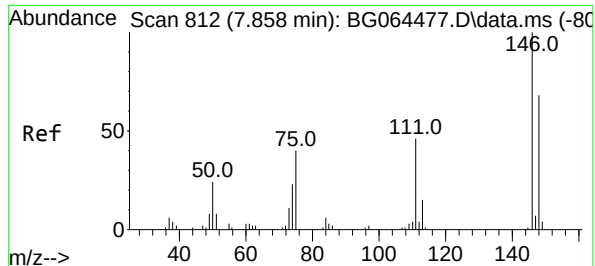
Ion Ratio Lower Upper

146 100

148 65.1 48.4 72.6

75 37.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 48.767 ng

RT: 7.860 min Scan# 812

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

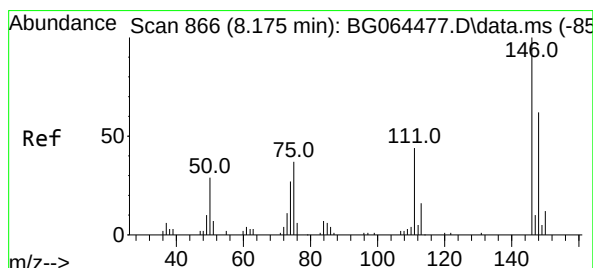
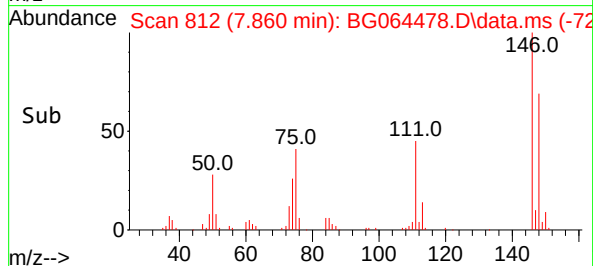
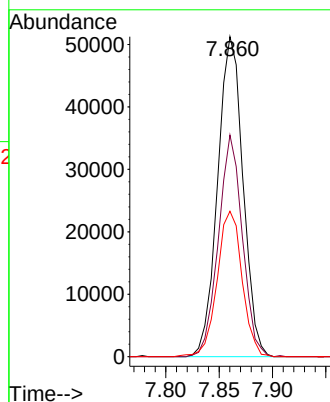
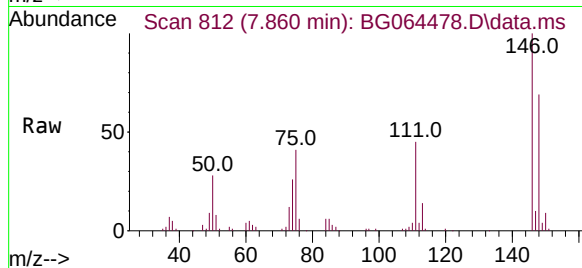
| Tgt Ion:  | 146   | Resp: | 84794 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 69.3  | 54.4  | 81.6  |
| 111       | 45.4  | 36.5  | 54.7  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 47.956 ng

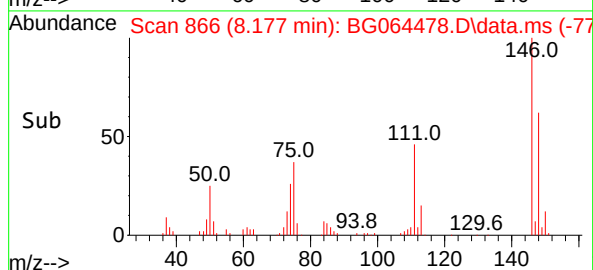
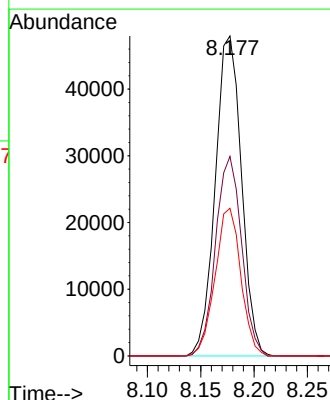
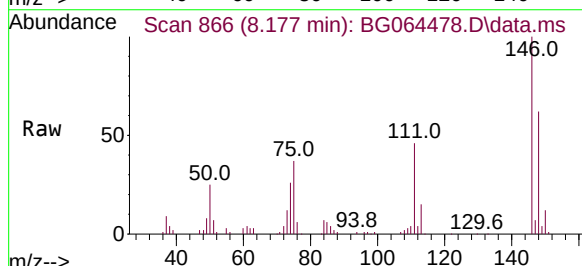
RT: 8.177 min Scan# 866

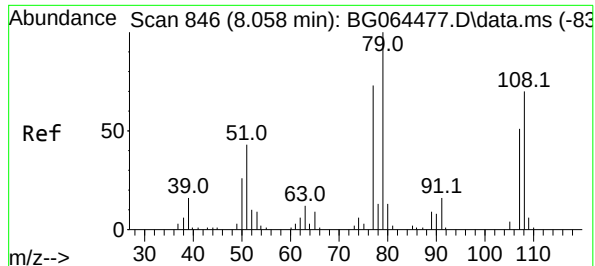
Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

| Tgt Ion:  | 146   | Resp: | 82182 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 62.3  | 50.0  | 75.0  |
| 111       | 46.1  | 35.0  | 52.4  |





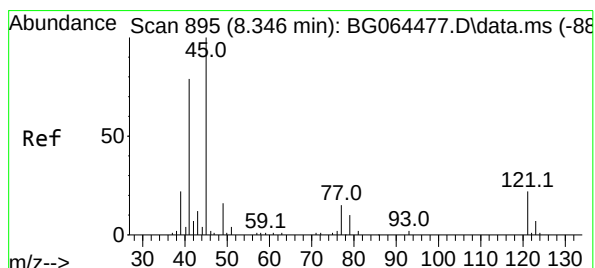
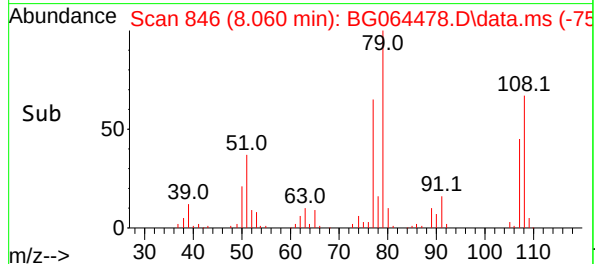
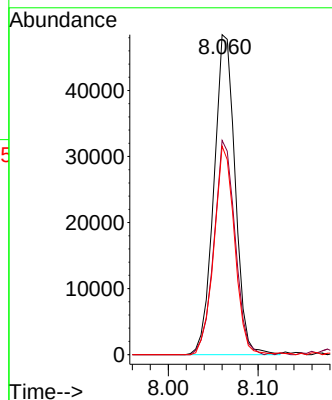
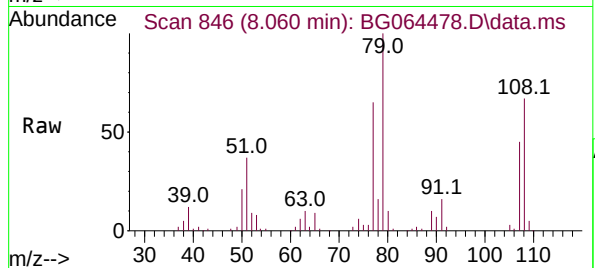
#15  
Benzyl Alcohol  
Concen: 50.179 ng  
RT: 8.060 min Scan# 846  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion: 79 Resp: 80094  
Ion Ratio Lower Upper  
79 100  
108 66.9 56.4 84.6  
77 65.1 58.3 87.5

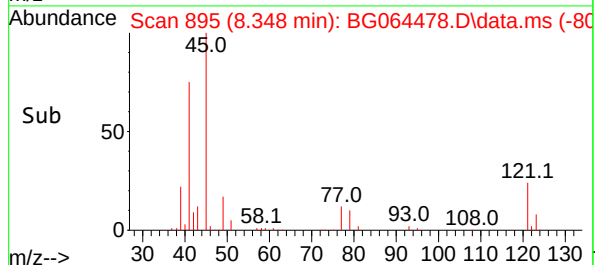
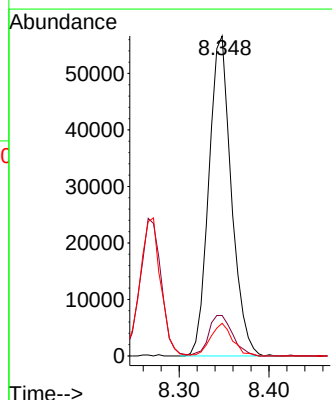
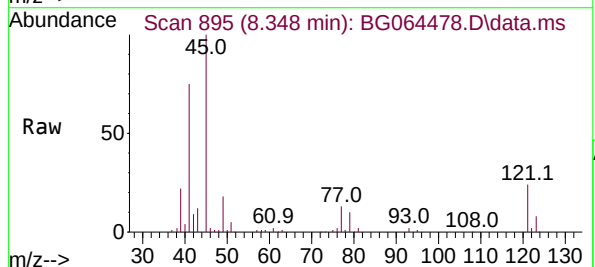
Manual Integrations  
APPROVED

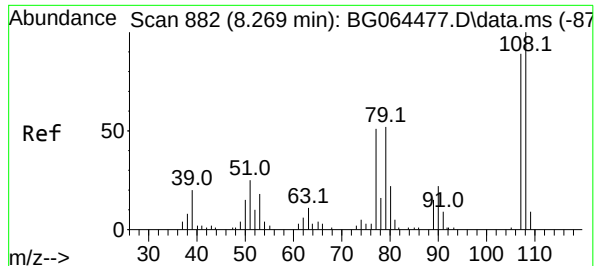
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.340 ng  
RT: 8.348 min Scan# 895  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion: 45 Resp: 98476  
Ion Ratio Lower Upper  
45 100  
77 12.6 0.0 35.6  
79 10.2 0.0 30.7





#17

2-Methylphenol

Concen: 48.496 ng

RT: 8.271 min Scan# 882

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 64206

Ion Ratio Lower Upper

107 100

108 116.9 90.3 135.5

77 59.2 46.0 69.0

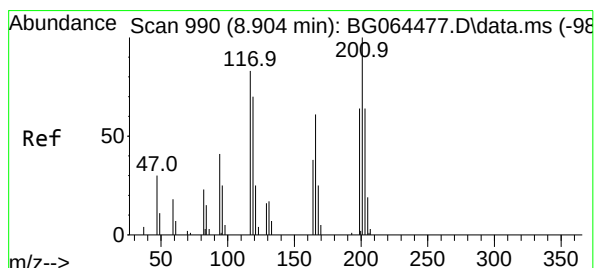
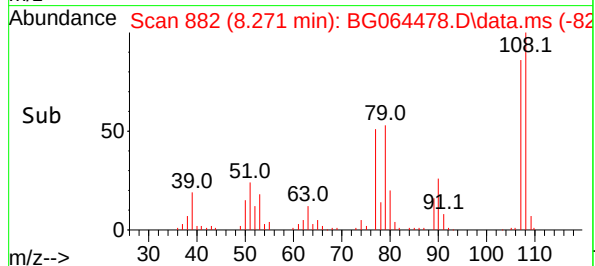
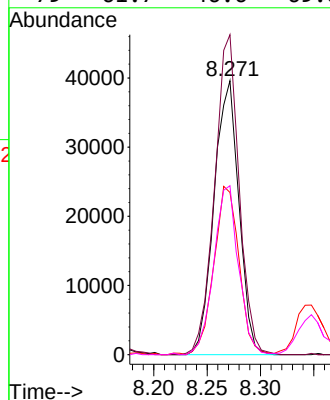
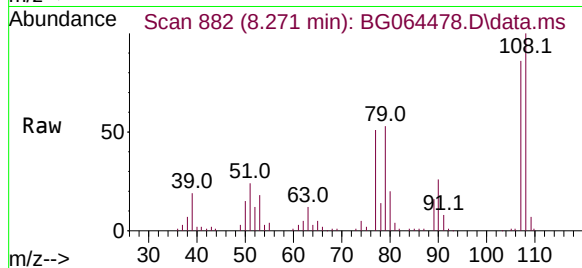
79 61.7 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 48.862 ng

RT: 8.900 min Scan# 989

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

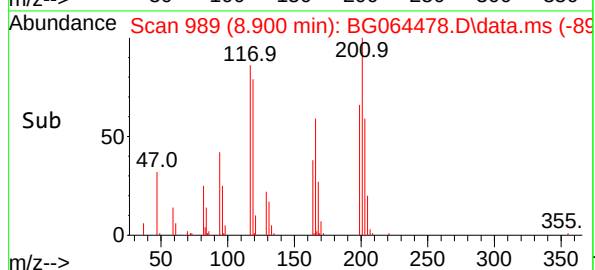
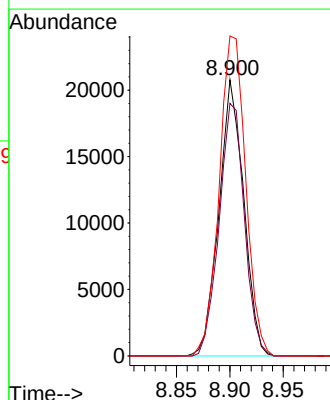
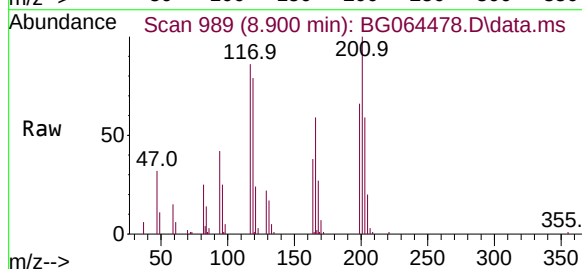
Tgt Ion:117 Resp: 33535

Ion Ratio Lower Upper

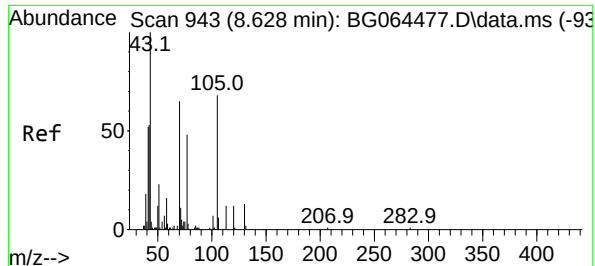
117 100

119 91.5 67.4 101.0

201 115.9 95.9 143.9

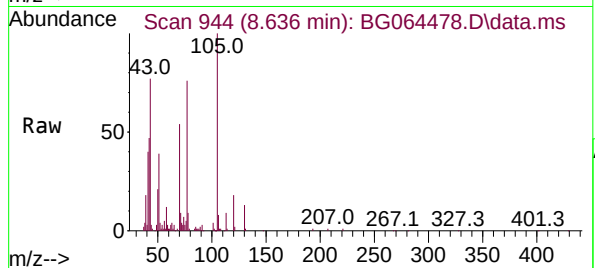






#19  
n-Nitroso-di-n-propylamine  
Concen: 49.375 ng  
RT: 8.636 min Scan# 943  
Delta R.T. 0.022 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

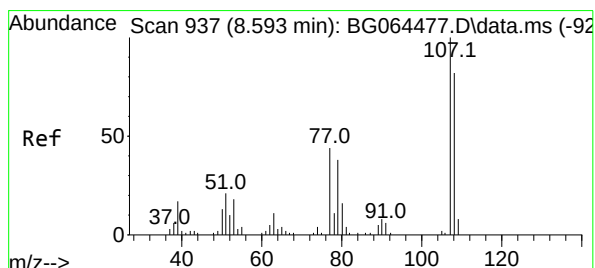
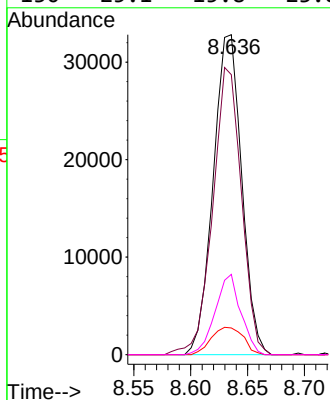
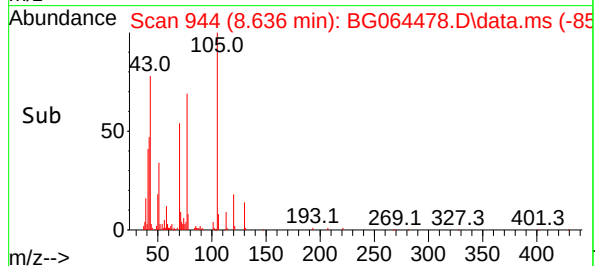
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



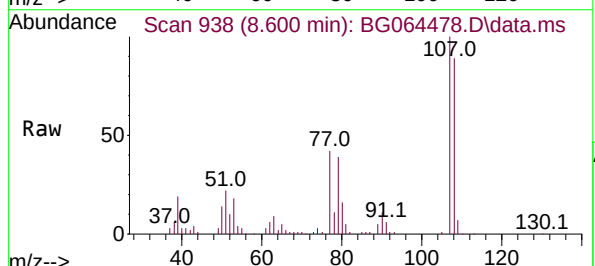
Tgt Ion: 70 Resp: 57232  
Ion Ratio Lower Upper  
70 100  
42 87.5 64.9 97.3  
101 8.3 8.7 13.1  
130 25.1 15.8 23.8#

Manual Integrations  
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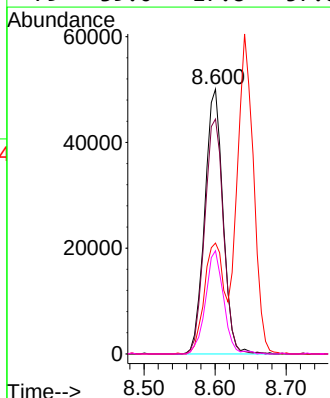
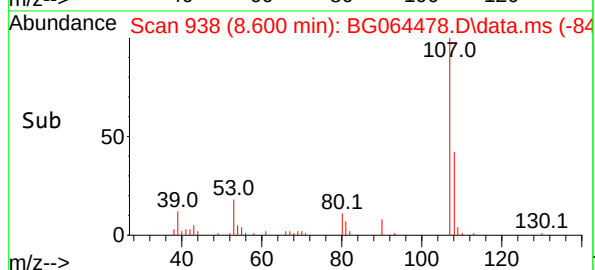
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

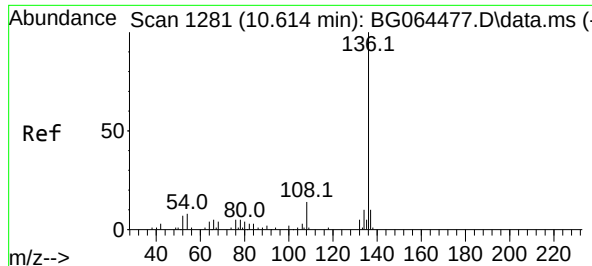


#20  
3+4-Methylphenols  
Concen: 48.180 ng  
RT: 8.600 min Scan# 938  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



Tgt Ion:107 Resp: 89015  
Ion Ratio Lower Upper  
107 100  
108 88.7 62.1 102.1  
77 41.8 23.5 63.5  
79 39.0 17.8 57.8





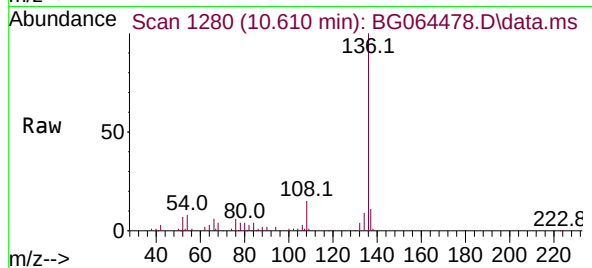
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.610 min Scan# 1281  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

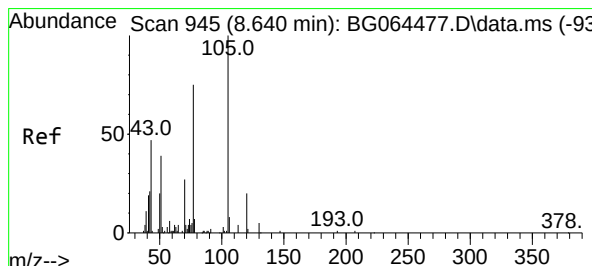
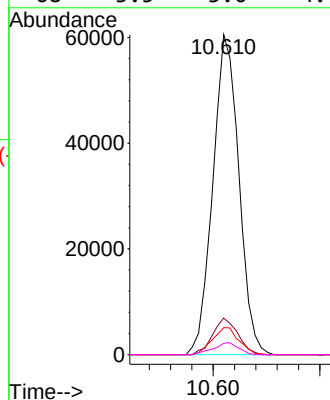
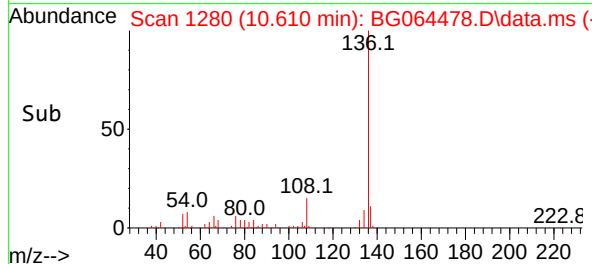


Tgt Ion:136 Resp: 102736  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.3 12.5  
54 8.4 6.2 9.4  
68 3.5 3.0 4.4

Manual Integrations

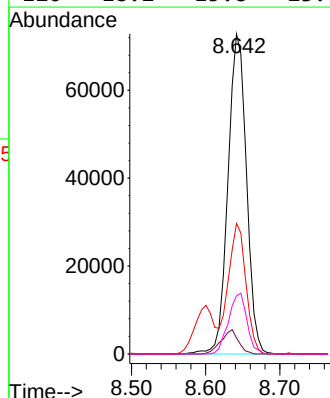
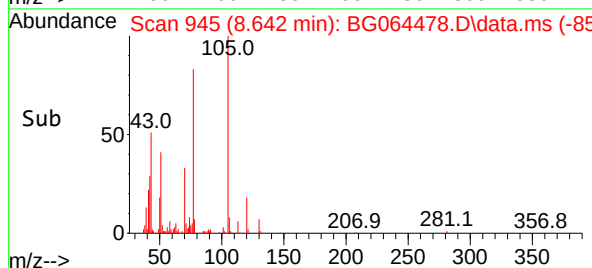
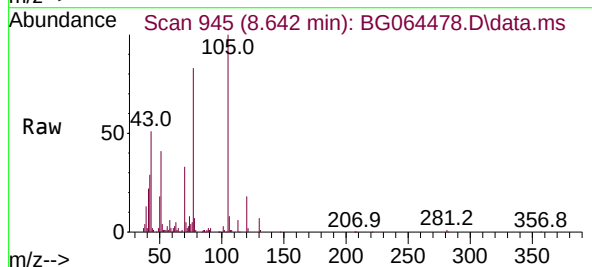
APPROVED

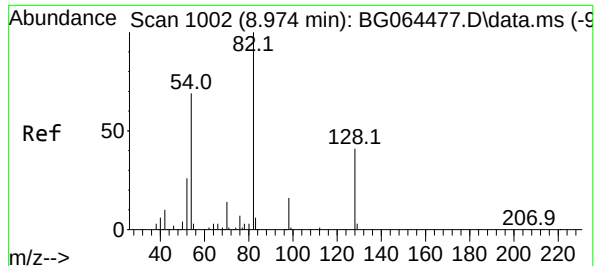
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#22  
Acetophenone  
Concen: 50.649 ng  
RT: 8.642 min Scan# 945  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

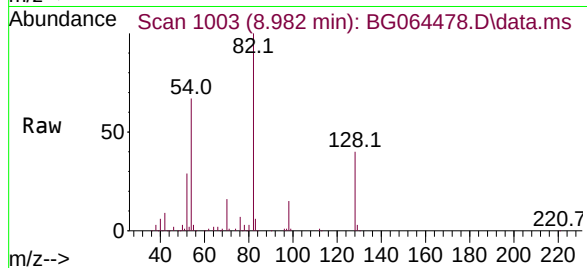
Tgt Ion:105 Resp: 125989  
Ion Ratio Lower Upper  
105 100  
71 5.0 2.8 4.2#  
51 40.8 33.0 49.4  
120 18.2 15.8 23.6





#23  
Nitrobenzene-d5  
Concen: 99.278 ng  
RT: 8.982 min Scan# 1003  
Delta R.T. 0.016 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

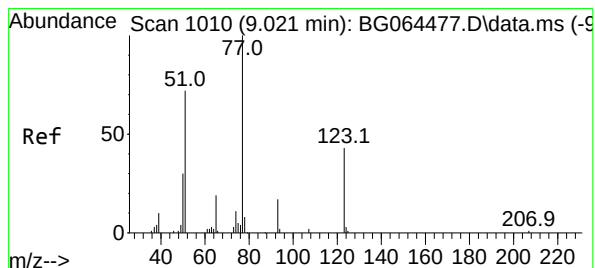
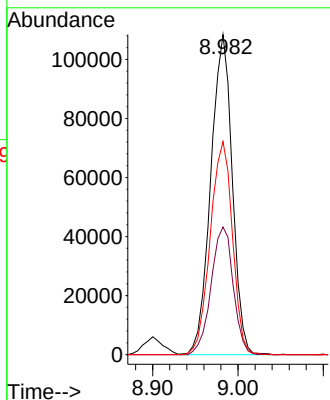
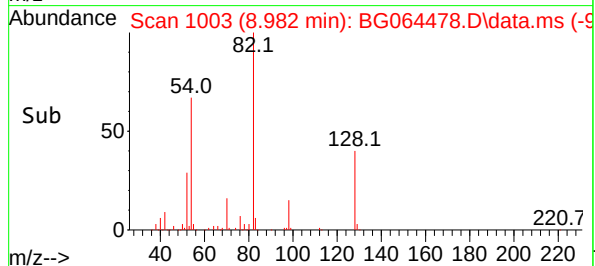
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 82 Resp: 18968  
Ion Ratio Lower Upper  
82 100  
128 39.9 33.1 49.7  
54 66.6 55.4 83.2

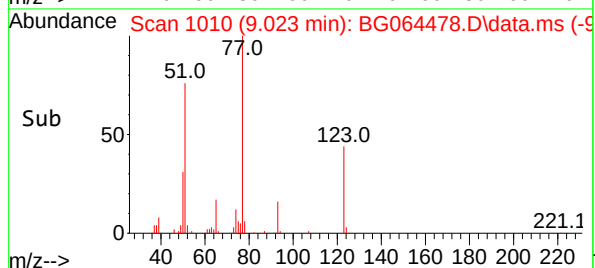
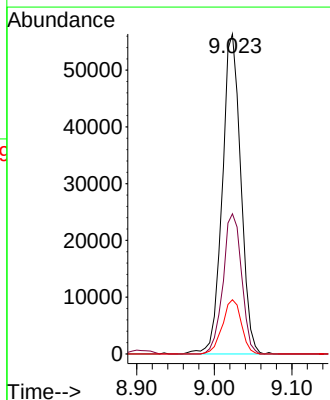
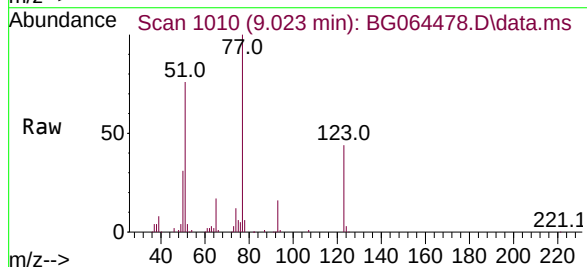
Manual Integrations  
APPROVED

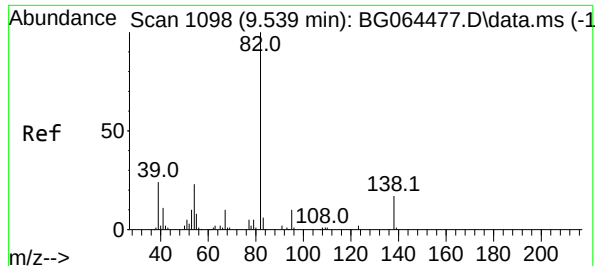
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#24  
Nitrobenzene  
Concen: 49.104 ng  
RT: 9.023 min Scan# 1010  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion: 77 Resp: 93559  
Ion Ratio Lower Upper  
77 100  
123 43.8 34.4 51.6  
65 16.9 14.8 22.2





#25

Isophorone

Concen: 48.963 ng

RT: 9.546 min Scan# 1098

Delta R.T. 0.016 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 169476

Ion Ratio Lower Upper

82 100

95 12.5 7.8 11.8

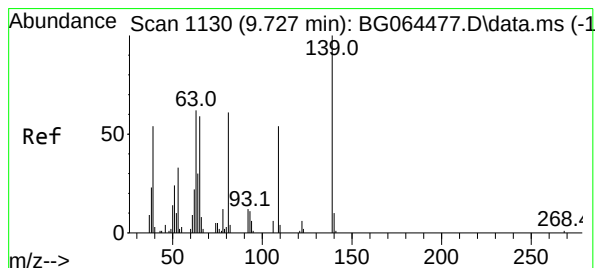
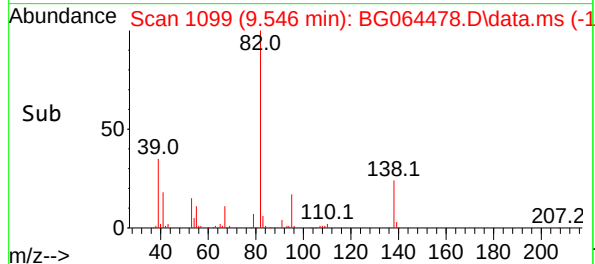
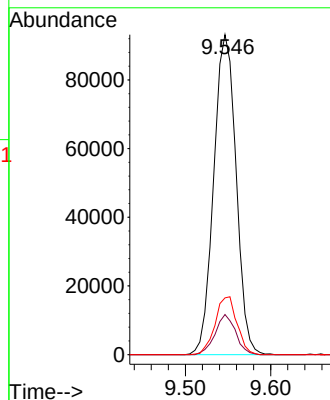
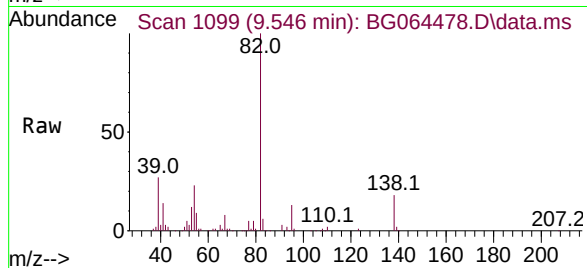
138 17.7 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 50.130 ng

RT: 9.729 min Scan# 1130

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

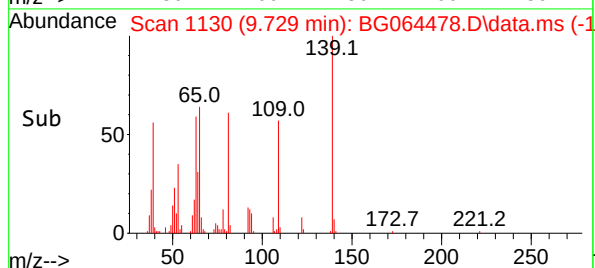
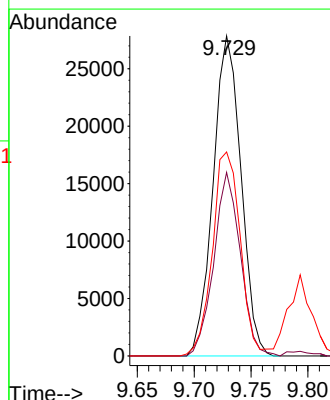
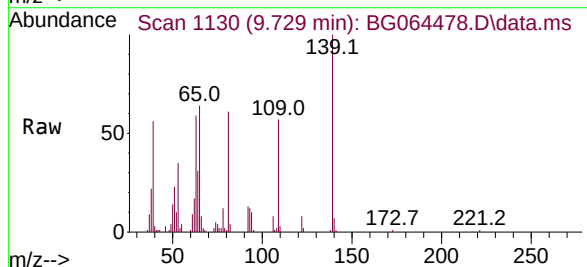
Tgt Ion:139 Resp: 47538

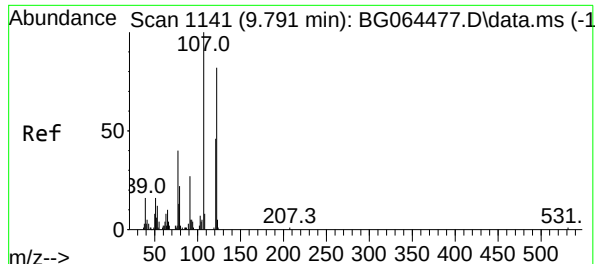
Ion Ratio Lower Upper

139 100

109 57.3 43.0 64.6

65 63.7 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 50.454 ng

RT: 9.793 min Scan# 1141

Delta R.T. 0.010 min

Lab File: BG064478.D

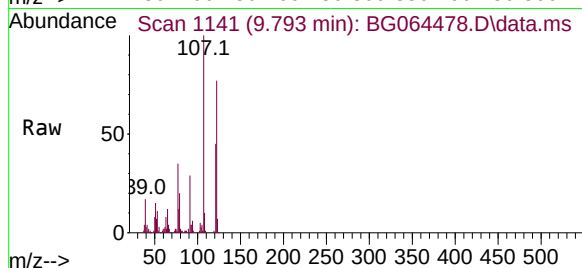
Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion:122 Resp: 73076

Ion Ratio Lower Upper

122 100

107 129.1 98.3 147.5

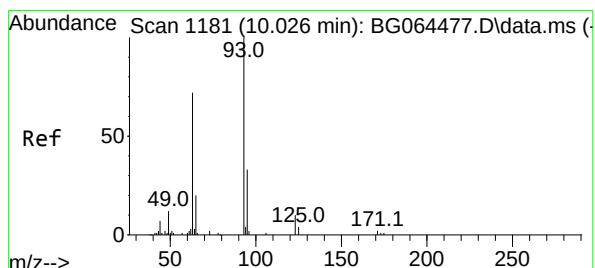
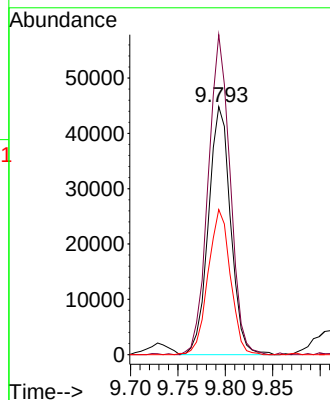
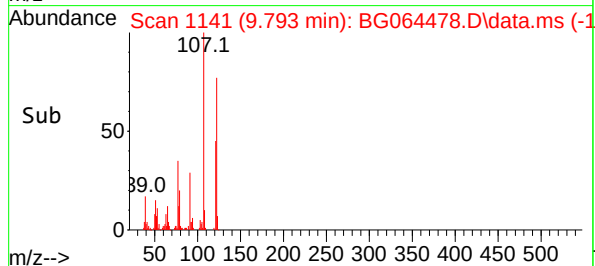
121 58.5 44.7 67.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

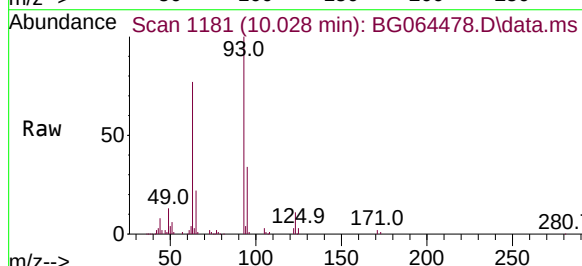
Concen: 48.931 ng

RT: 10.028 min Scan# 1181

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55



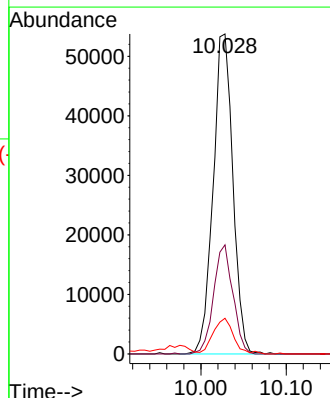
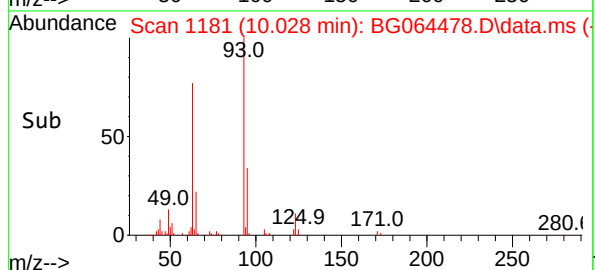
Tgt Ion: 93 Resp: 86333

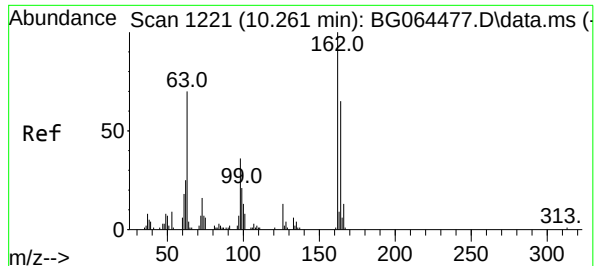
Ion Ratio Lower Upper

93 100

95 34.1 26.5 39.7

123 11.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.435 ng

RT: 10.263 min Scan# 1221

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

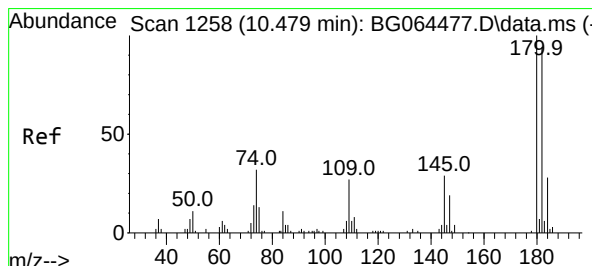
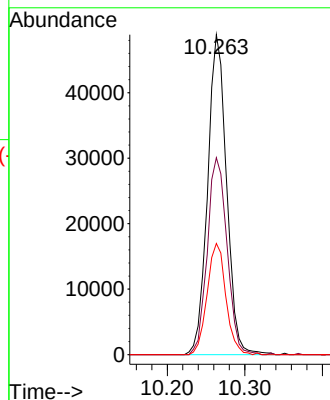
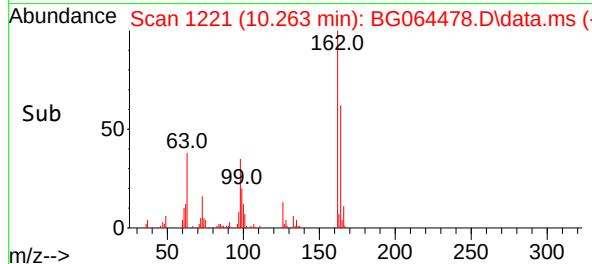
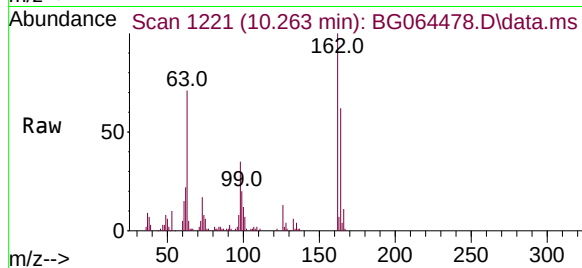
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 162   | Resp: | 8279 |
| Ion Ratio | Lower | Upper |      |
| 162       | 100   |       |      |
| 164       | 61.5  | 45.4  | 85.4 |
| 98        | 34.7  | 16.4  | 56.4 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.734 ng

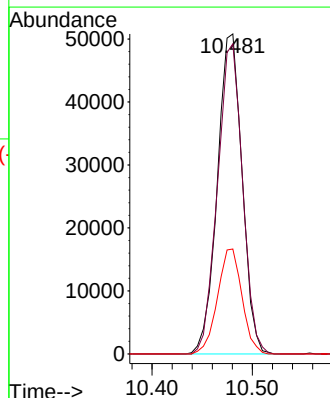
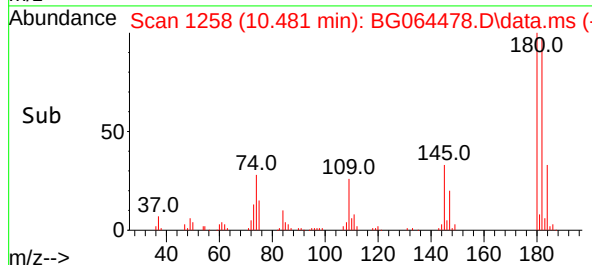
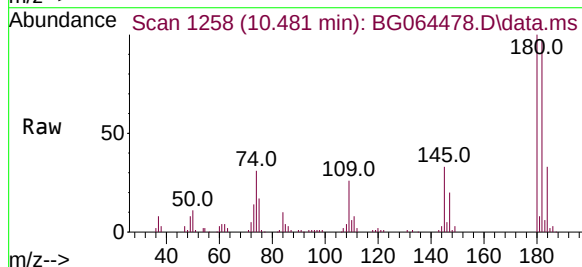
RT: 10.481 min Scan# 1258

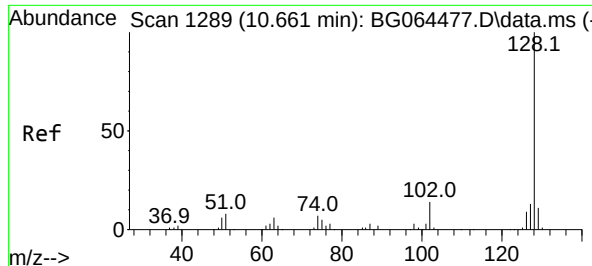
Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

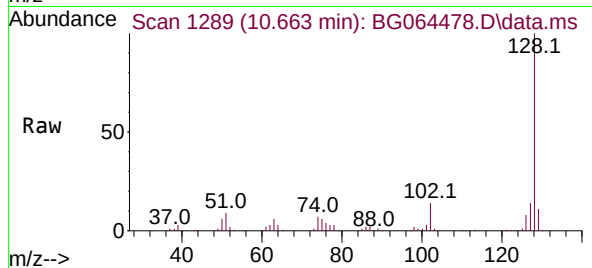
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 87173 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.9  | 75.4  | 113.2 |
| 145       | 32.8  | 23.2  | 34.8  |





#31  
Naphthalene  
Concen: 48.286 ng  
RT: 10.663 min Scan# 1172  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

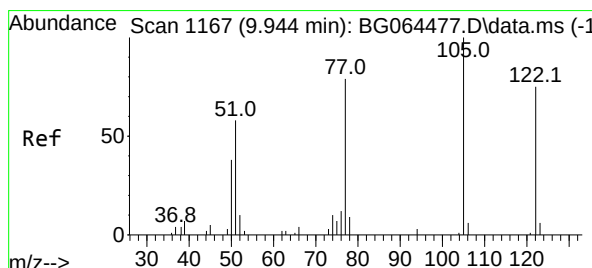
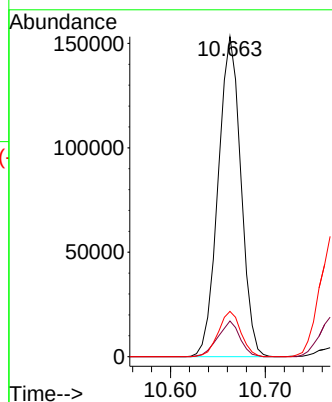
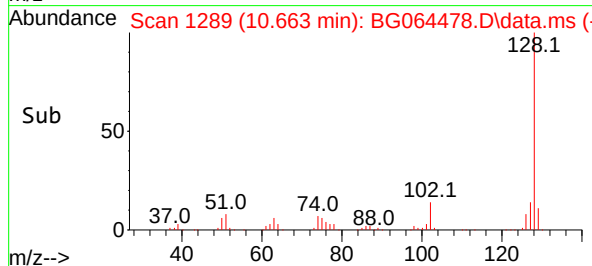
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:128 Resp: 255453  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 14.1 10.2 15.2

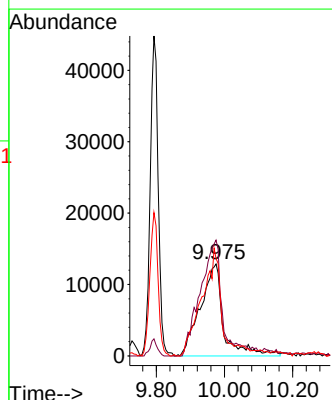
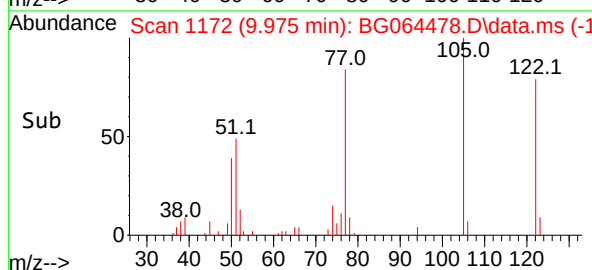
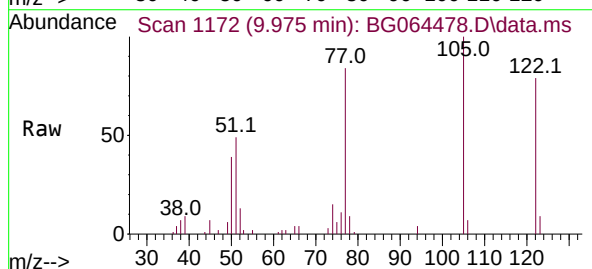
Manual Integrations  
APPROVED

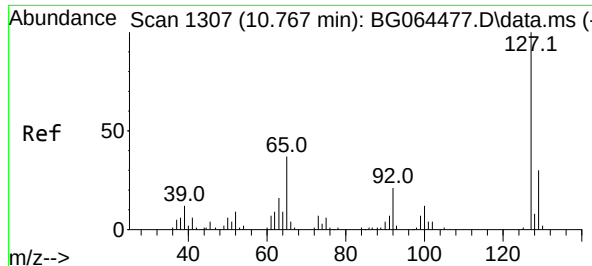
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#32  
Benzoic acid  
Concen: 54.652 ng m  
RT: 9.975 min Scan# 1172  
Delta R.T. 0.087 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion:122 Resp: 60774  
Ion Ratio Lower Upper  
122 100  
105 125.9 113.9 153.9  
77 105.8 86.1 126.1





#33

4-Chloroaniline

Concen: 49.113 ng

RT: 10.768 min Scan# 1307

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 99704

Ion Ratio Lower Upper

127 100

129 32.8 24.2 36.4

65 37.8 29.6 44.4

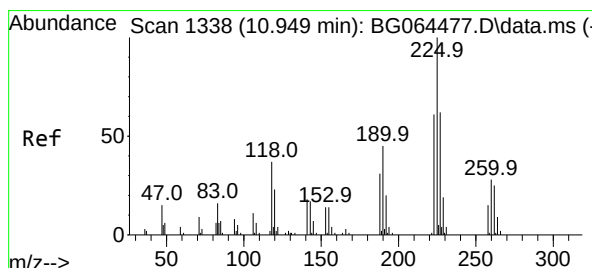
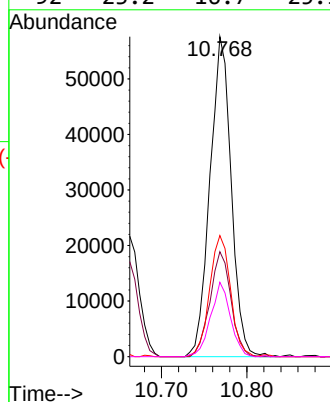
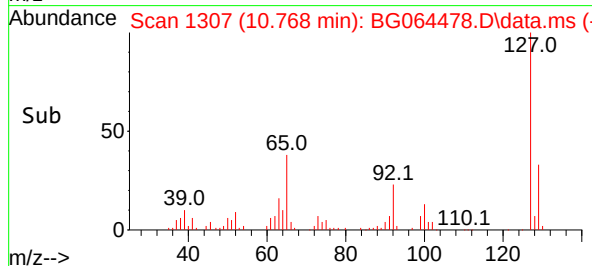
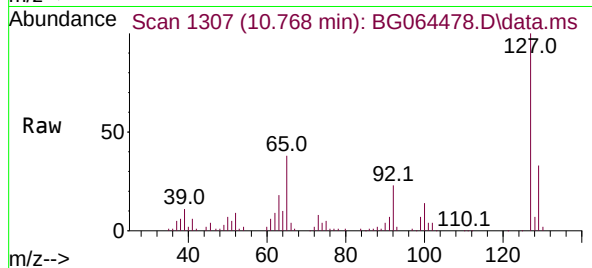
92 23.2 16.7 25.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#34

Hexachlorobutadiene

Concen: 48.646 ng

RT: 10.951 min Scan# 1338

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

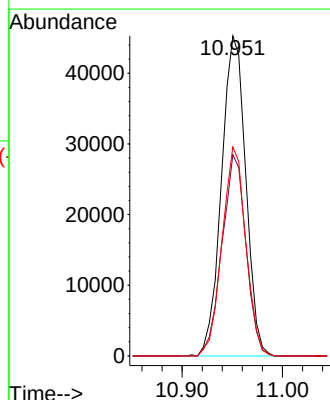
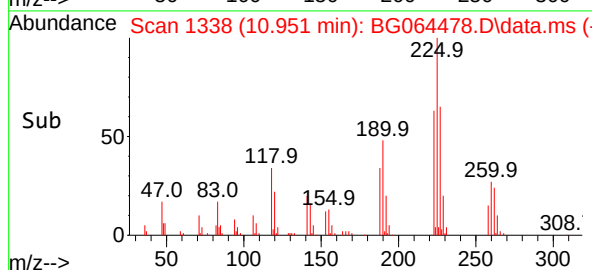
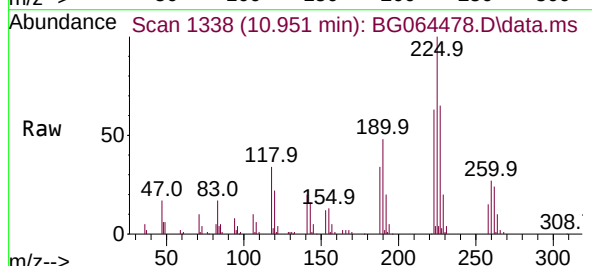
Tgt Ion:225 Resp: 76081

Ion Ratio Lower Upper

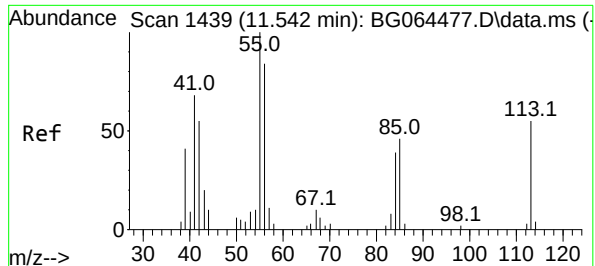
225 100

223 62.9 49.0 73.6

227 65.3 49.9 74.9

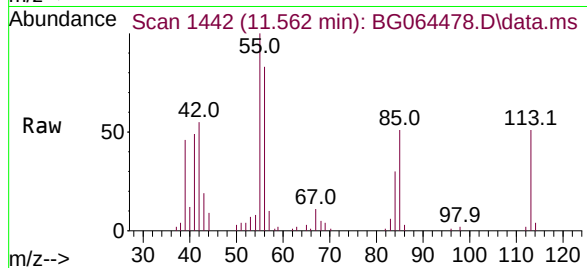






#35  
Caprolactam  
Concen: 49.561 ng  
RT: 11.562 min Scan# 1439  
Delta R.T. 0.051 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

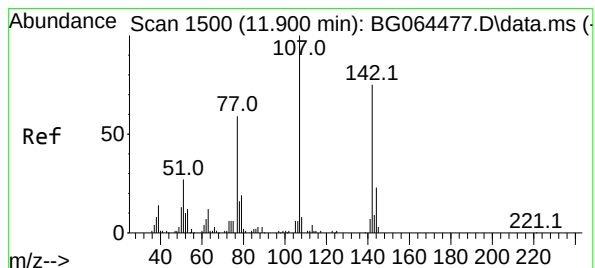
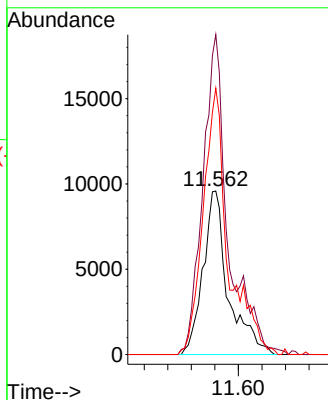
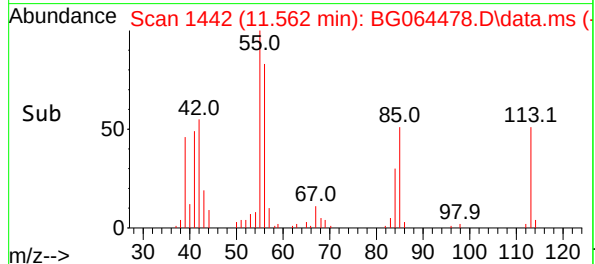
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



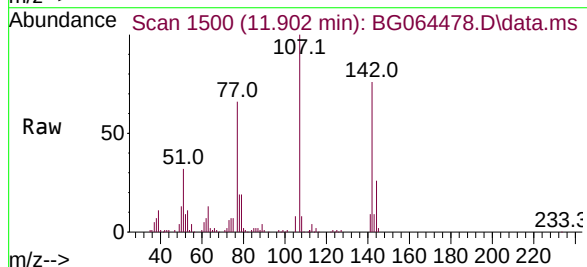
Tgt Ion:113 Resp: 2841  
Ion Ratio Lower Upper  
113 100  
55 195.6 162.0 202.0  
56 162.8 134.6 174.6

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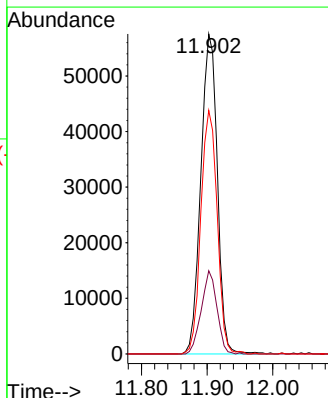
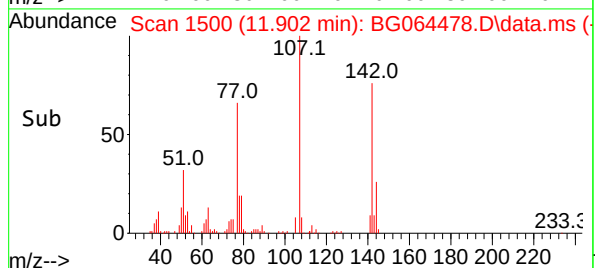
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

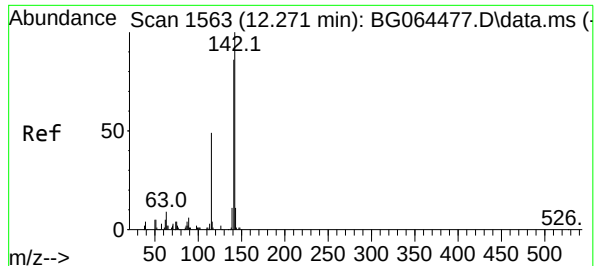


#36  
4-Chloro-3-methylphenol  
Concen: 49.208 ng  
RT: 11.902 min Scan# 1500  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



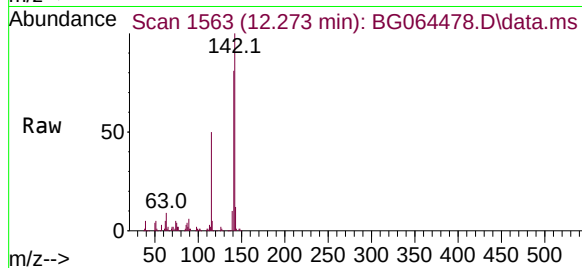
Tgt Ion:107 Resp: 100226  
Ion Ratio Lower Upper  
107 100  
144 26.0 18.7 28.1  
142 76.1 60.2 90.2





#37  
2-Methylnaphthalene  
Concen: 49.224 ng  
RT: 12.273 min Scan# 1563  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

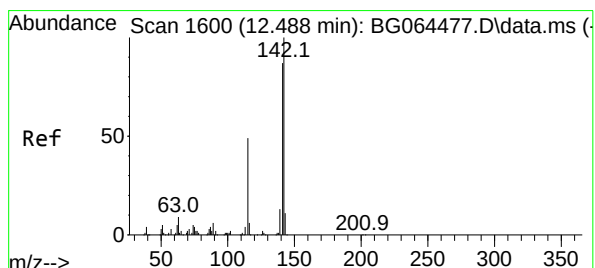
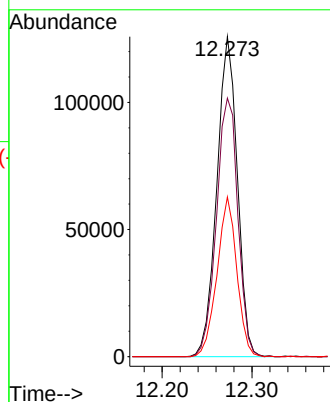
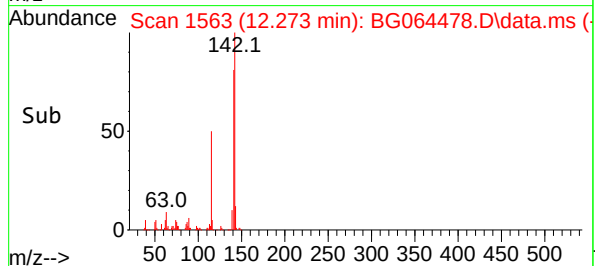
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:142 Resp: 199899  
Ion Ratio Lower Upper  
142 100  
141 80.8 68.7 103.1  
115 49.9 39.3 58.9

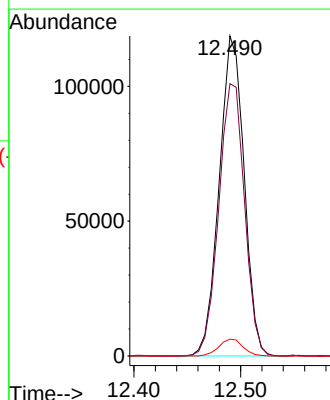
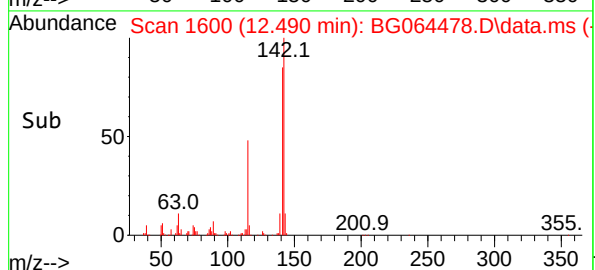
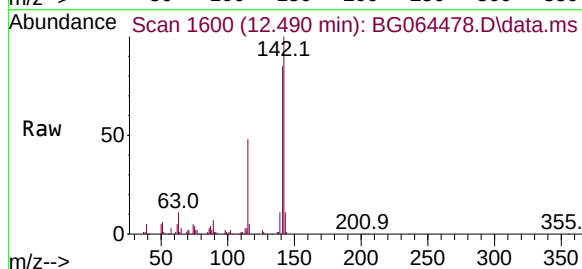
Manual Integrations  
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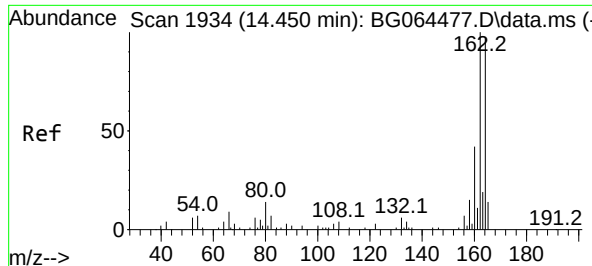
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#38  
1-Methylnaphthalene  
Concen: 47.567 ng  
RT: 12.490 min Scan# 1600  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

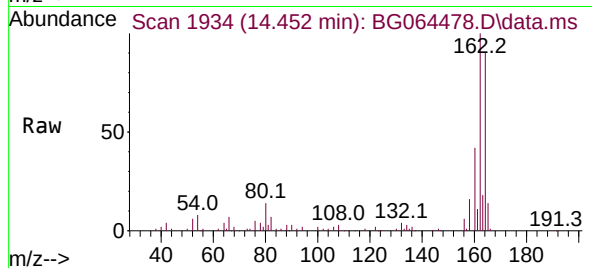
Tgt Ion:142 Resp: 192614  
Ion Ratio Lower Upper  
142 100  
141 85.1 69.8 104.8  
116 5.2 4.6 6.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.452 min Scan# 1934  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

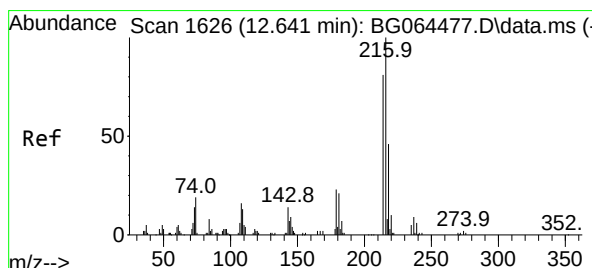
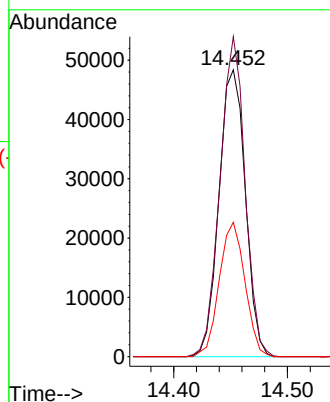
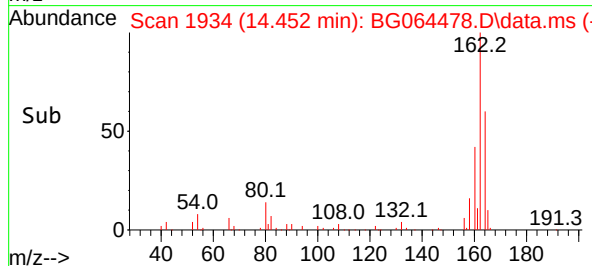
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:164 Resp: 77950  
Ion Ratio Lower Upper  
164 100  
162 111.6 82.2 123.2  
160 46.9 34.3 51.5

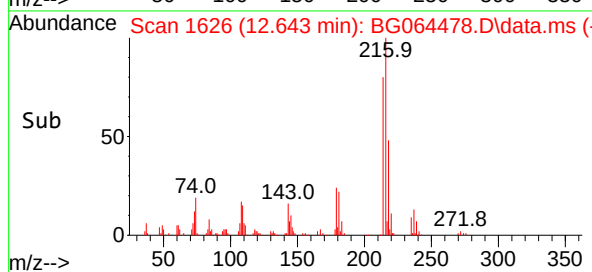
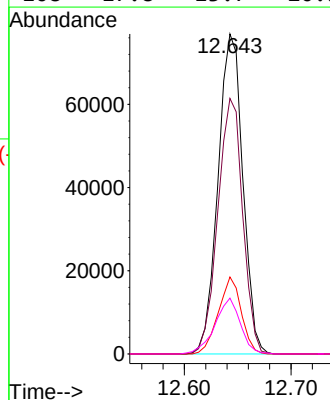
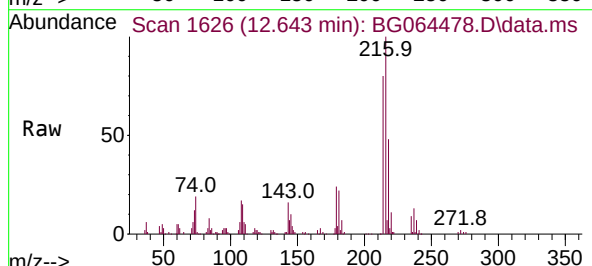
Manual Integrations  
APPROVED

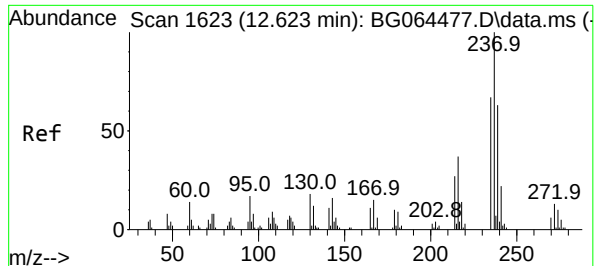
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.525 ng  
RT: 12.643 min Scan# 1626  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

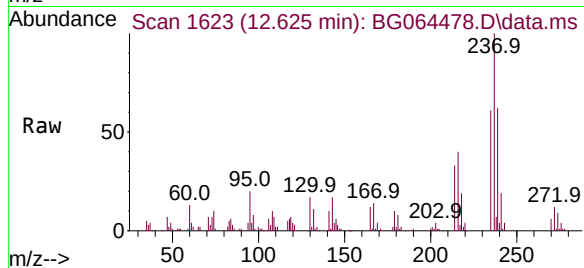
Tgt Ion:216 Resp: 124648  
Ion Ratio Lower Upper  
216 100  
214 80.0 62.5 93.7  
179 22.2 17.0 25.6  
108 17.8 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 52.692 ng  
RT: 12.625 min Scan# 1623  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

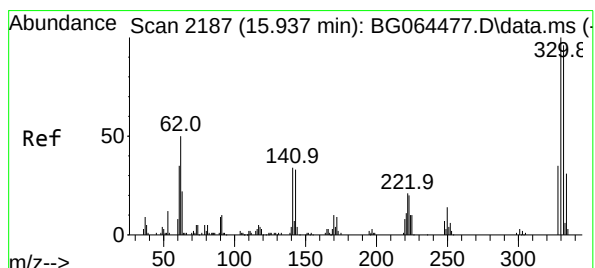
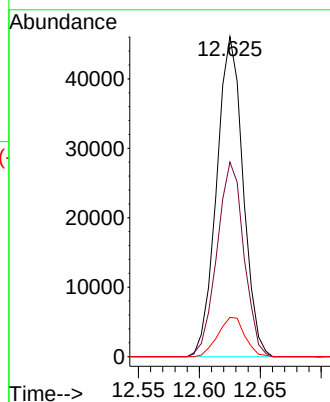
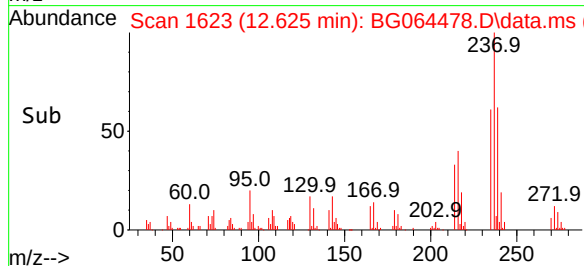
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



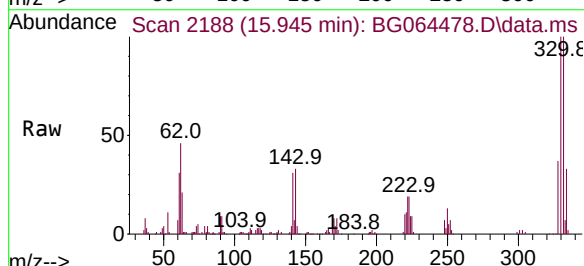
Tgt Ion:237 Resp: 69372  
Ion Ratio Lower Upper  
237 100  
235 60.8 46.9 86.9  
272 12.3 0.0 32.6

Manual Integrations  
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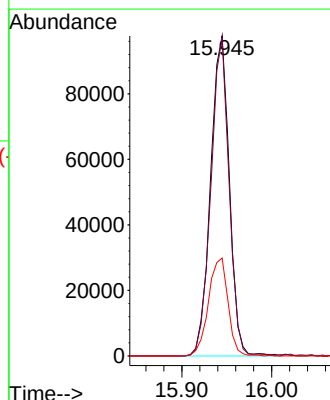
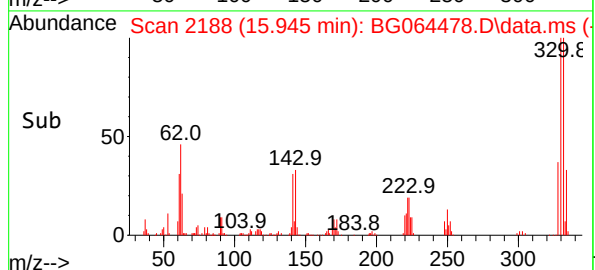
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

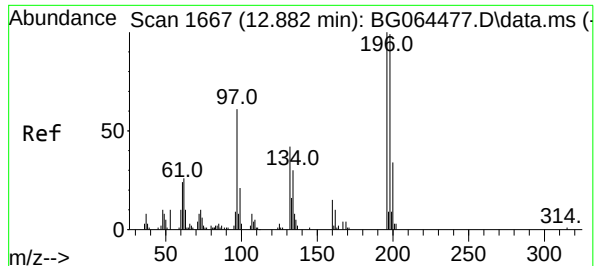


#42  
2,4,6-Tribromophenol  
Concen: 100.345 ng  
RT: 15.945 min Scan# 2188  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



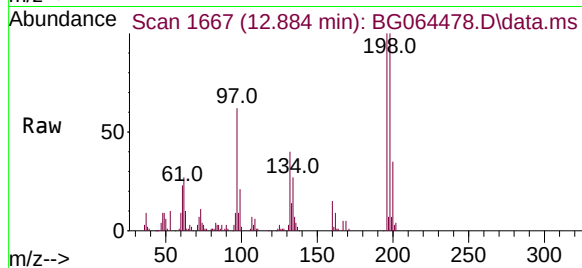
Tgt Ion:330 Resp: 141783  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.4 116.0  
141 31.9 25.8 38.6





#43  
2,4,6-Trichlorophenol  
Concen: 50.434 ng  
RT: 12.884 min Scan# 1667  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

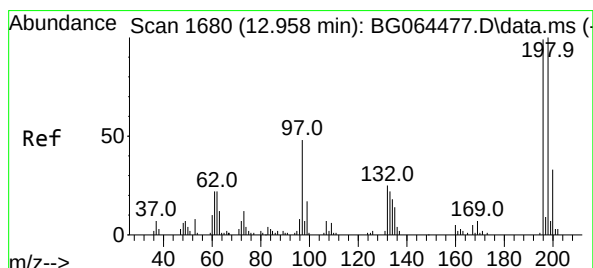
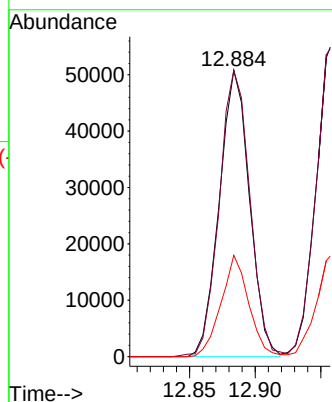
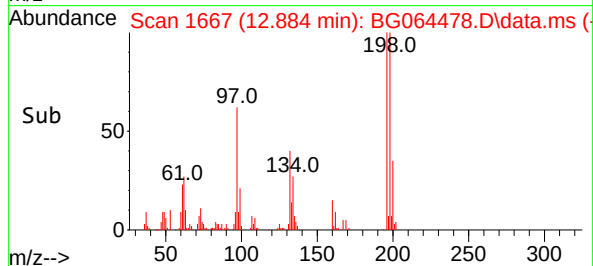
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:196 Resp: 81144  
Ion Ratio Lower Upper  
196 100  
198 100.0 79.3 118.9  
200 35.4 27.4 41.2

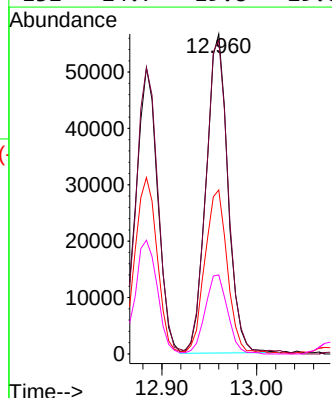
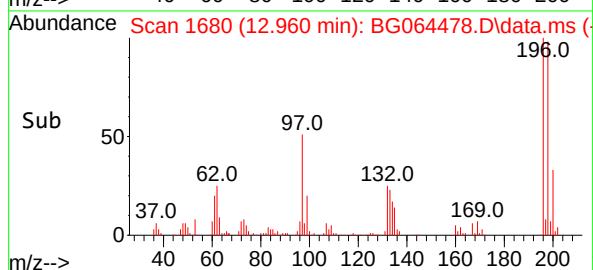
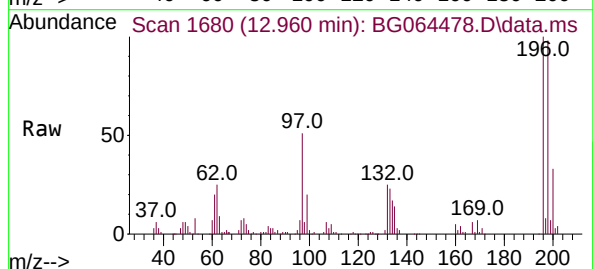
Manual Integrations  
APPROVED

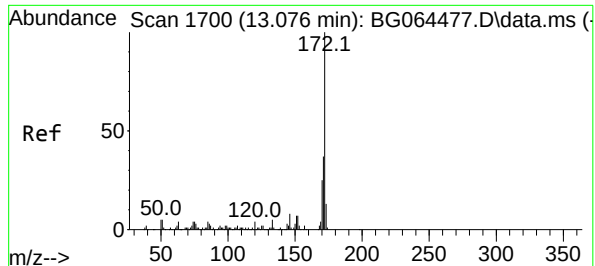
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#44  
2,4,5-Trichlorophenol  
Concen: 50.396 ng  
RT: 12.960 min Scan# 1680  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion:196 Resp: 90524  
Ion Ratio Lower Upper  
196 100  
198 98.0 80.3 120.5  
97 51.2 39.4 59.0  
132 24.7 19.8 29.8





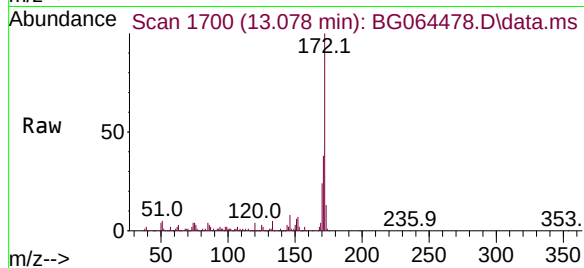
#45  
2-Fluorobiphenyl  
Concen: 97.676 ng  
RT: 13.078 min Scan# 1700  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

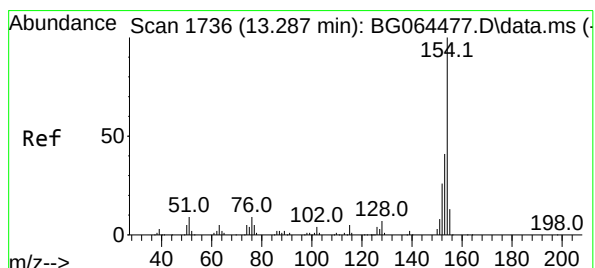
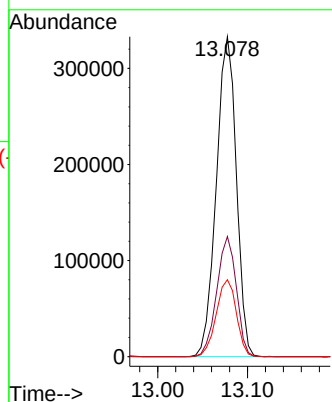
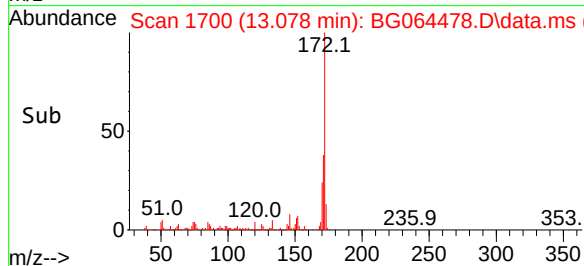


Tgt Ion:172 Resp: 516540  
Ion Ratio Lower Upper  
172 100  
171 37.5 29.6 44.4  
170 24.0 20.2 30.2

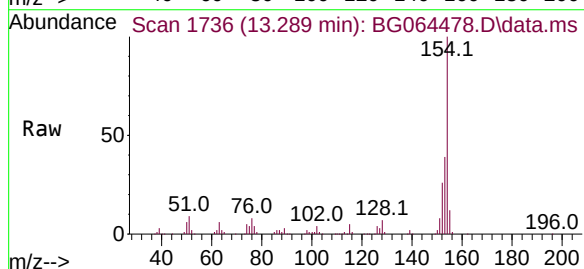
Manual Integrations

APPROVED

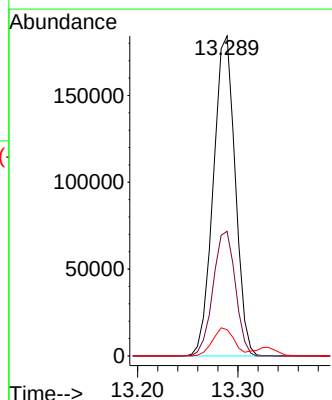
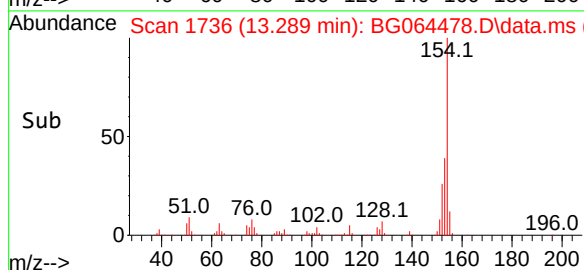
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

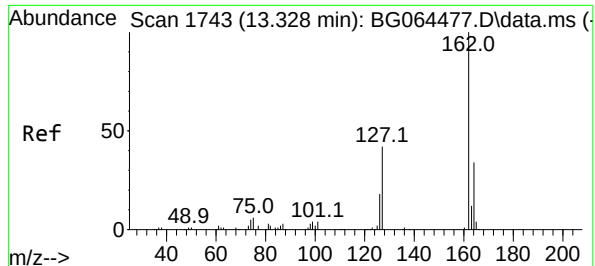


#46  
1,1'-Biphenyl  
Concen: 49.860 ng  
RT: 13.289 min Scan# 1736  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



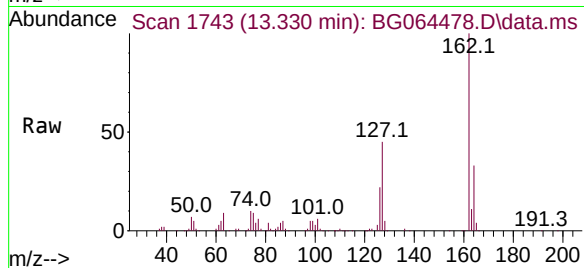
Tgt Ion:154 Resp: 279537  
Ion Ratio Lower Upper  
154 100  
153 38.9 20.7 60.7  
76 8.2 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 49.166 ng  
RT: 13.330 min Scan# 1743  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

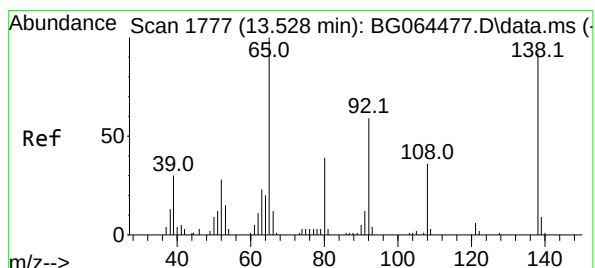
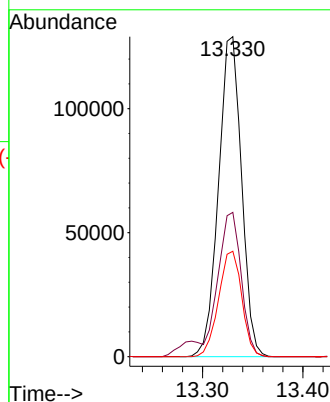
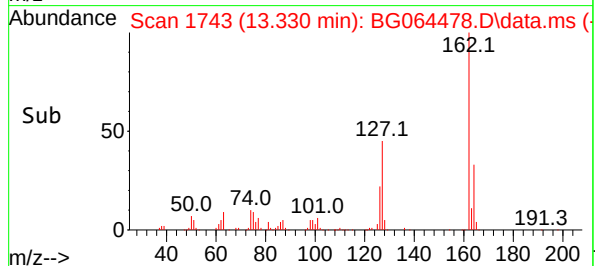
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:162 Resp: 205802  
Ion Ratio Lower Upper  
162 100  
127 45.1 35.8 53.8  
164 32.9 27.2 40.8

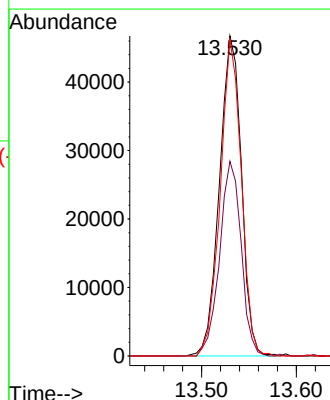
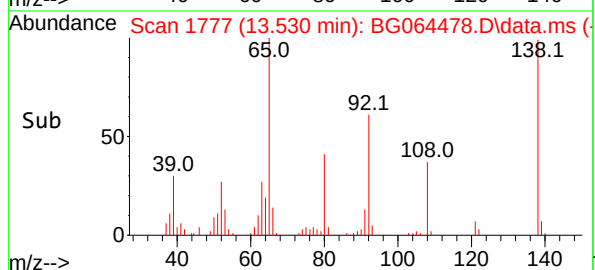
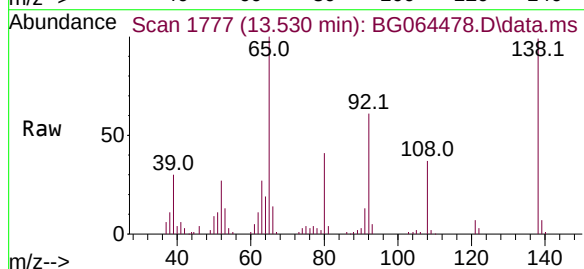
Manual Integrations  
APPROVED

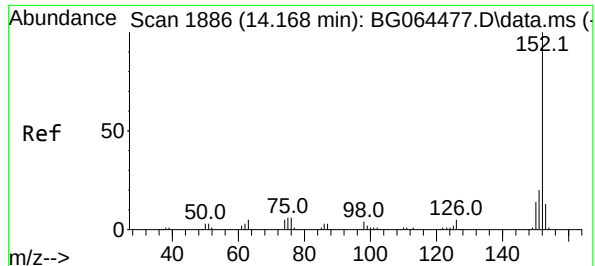
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#48  
2-Nitroaniline  
Concen: 52.594 ng  
RT: 13.530 min Scan# 1777  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion: 65 Resp: 75138  
Ion Ratio Lower Upper  
65 100  
92 60.8 47.0 70.6  
138 98.9 73.5 110.3





#49

Acenaphthylene

Concen: 49.365 ng

RT: 14.170 min Scan# 1886

Delta R.T. -0.002 min

Lab File: BG064478.D

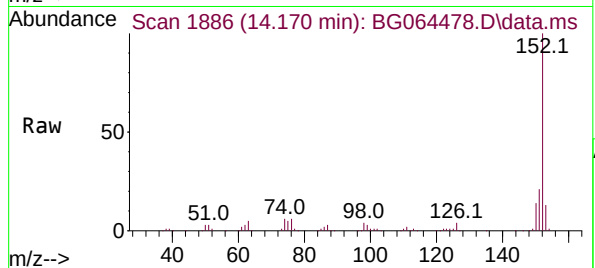
Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion:152 Resp: 306740

Ion Ratio Lower Upper

152 100

151 21.4 15.8 23.6

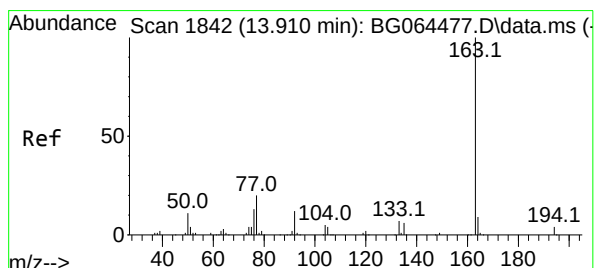
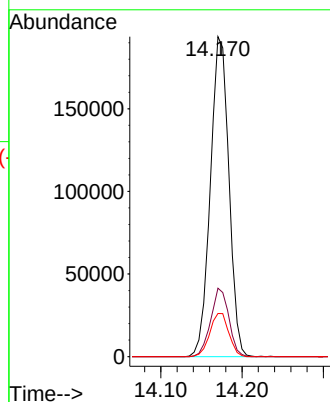
153 13.5 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

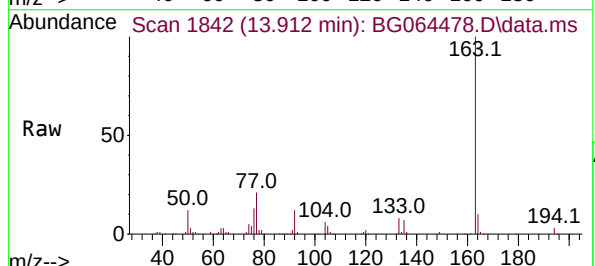
Concen: 48.884 ng

RT: 13.912 min Scan# 1842

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55



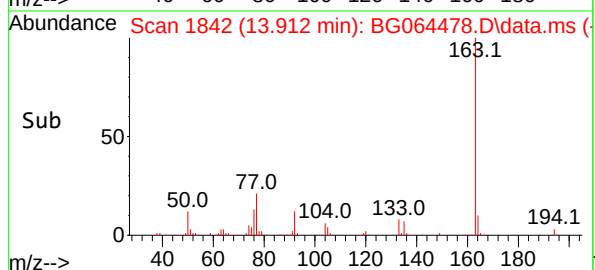
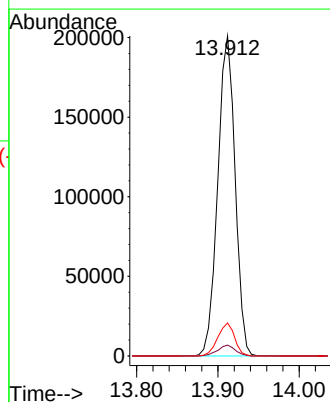
Tgt Ion:163 Resp: 298441

Ion Ratio Lower Upper

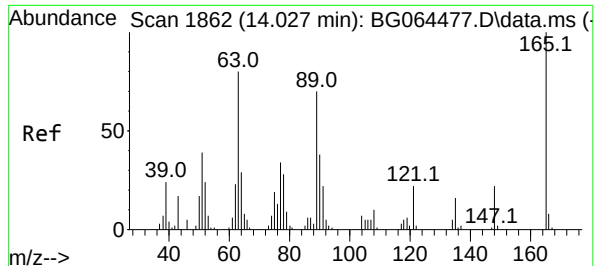
163 100

194 3.4 2.9 4.3

164 10.3 7.4 11.0

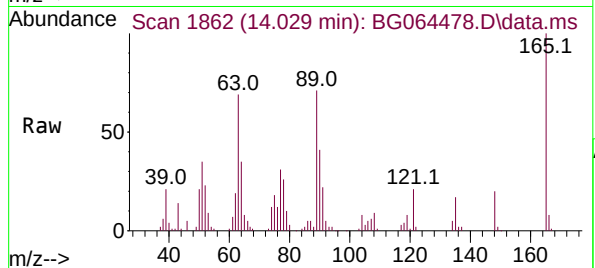






#51  
2,6-Dinitrotoluene  
Concen: 51.087 ng  
RT: 14.029 min Scan# 1862  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

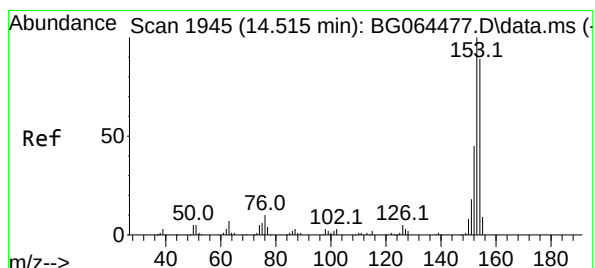
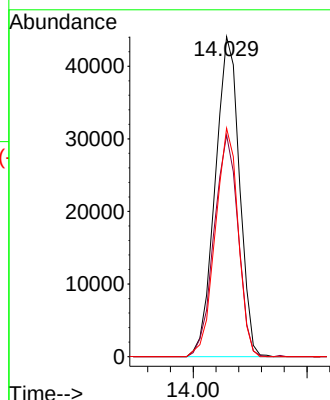
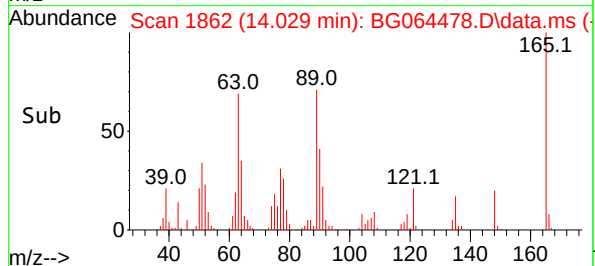
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:165 Resp: 64970  
Ion Ratio Lower Upper  
165 100  
63 69.2 63.9 95.9  
89 71.4 56.1 84.1

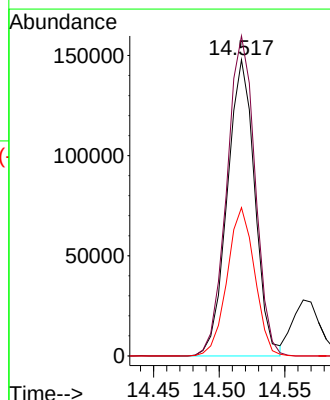
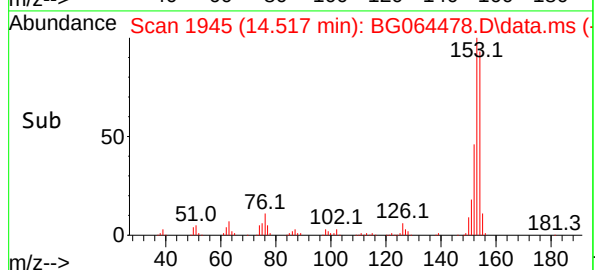
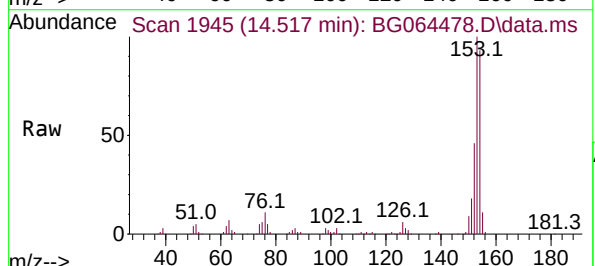
Manual Integrations  
APPROVED

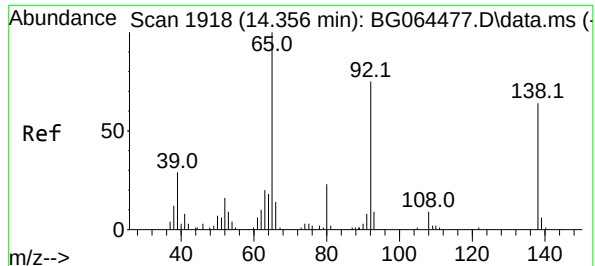
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#52  
Acenaphthene  
Concen: 49.943 ng  
RT: 14.517 min Scan# 1945  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion:154 Resp: 215606  
Ion Ratio Lower Upper  
154 100  
153 108.1 90.2 135.4  
152 50.1 40.2 60.4





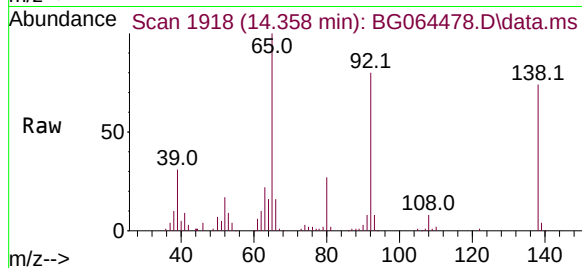
#53  
3-Nitroaniline  
Concen: 52.305 ng  
RT: 14.358 min Scan# 1918  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

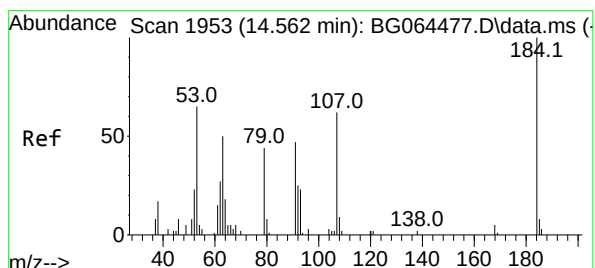
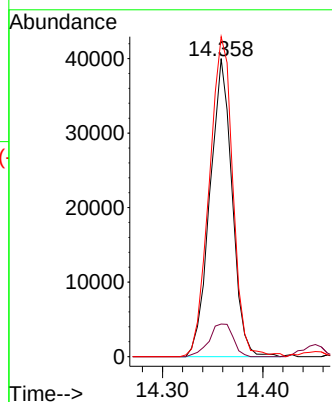
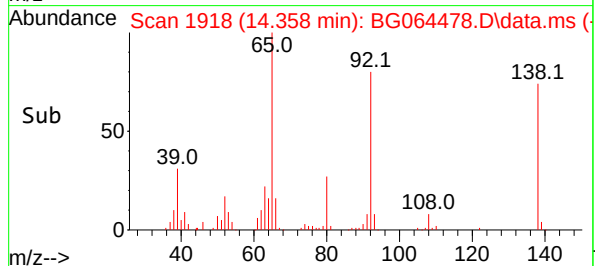


Tgt Ion:138 Resp: 61347  
Ion Ratio Lower Upper  
138 100  
108 10.9 10.6 15.8  
92 107.4 93.2 139.8

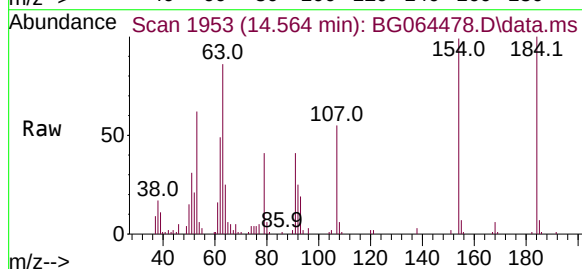
Manual Integrations

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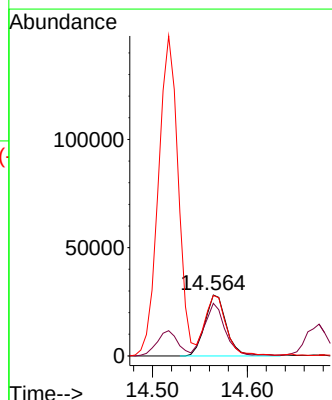
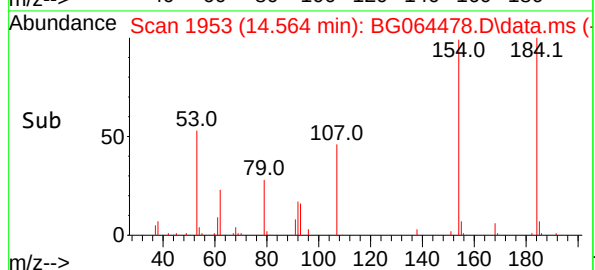
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

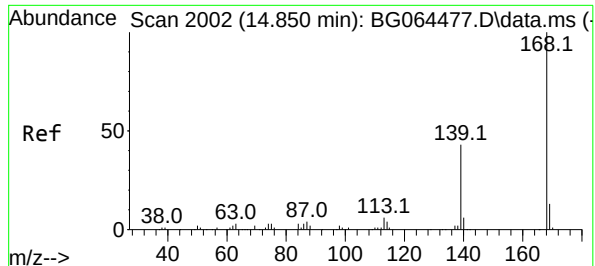


#54  
2,4-Dinitrophenol  
Concen: 48.222 ng  
RT: 14.564 min Scan# 1953  
Delta R.T. -0.002 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



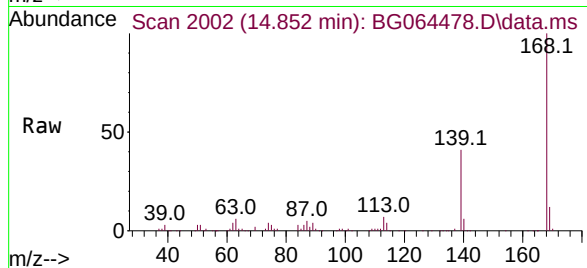
Tgt Ion:184 Resp: 44469  
Ion Ratio Lower Upper  
184 100  
63 86.4 69.0 103.4  
154 99.3 95.6 143.4





#55  
Dibenzenofuran  
Concen: 49.793 ng  
RT: 14.852 min Scan# 2002  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

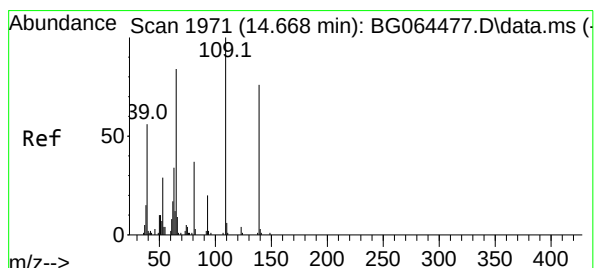
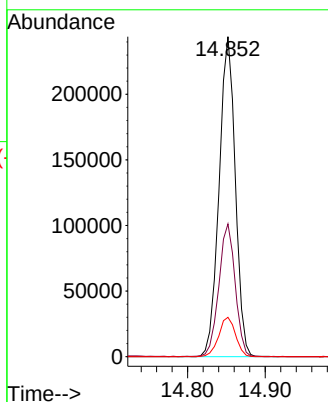
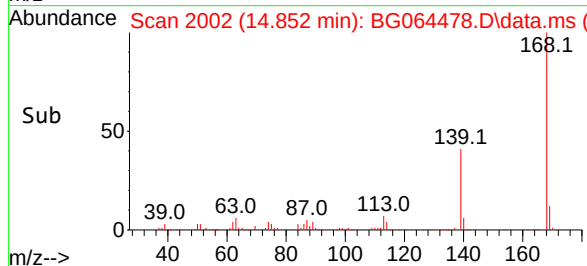
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



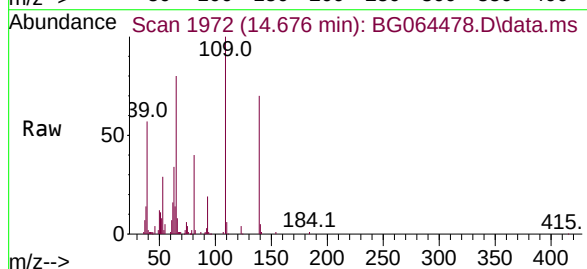
Tgt Ion:168 Resp: 354924  
Ion Ratio Lower Upper  
168 100  
139 41.5 34.0 51.0  
169 12.3 10.2 15.2

Manual Integrations  
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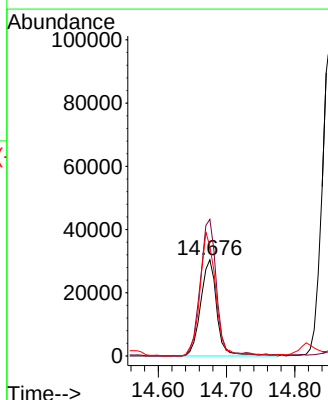
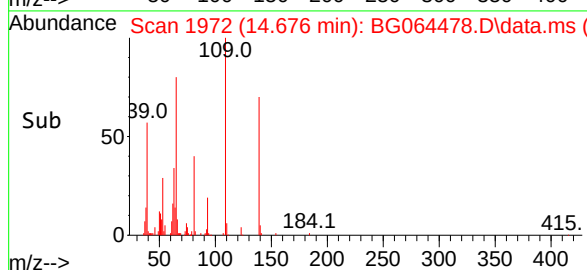
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

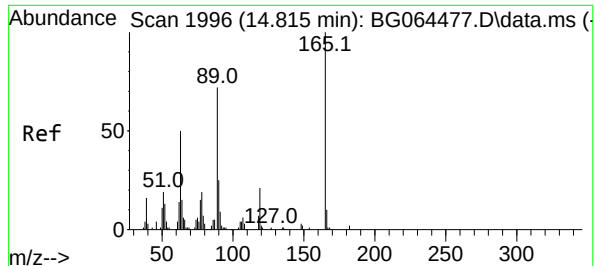


#56  
4-Nitrophenol  
Concen: 54.092 ng  
RT: 14.676 min Scan# 1972  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



Tgt Ion:139 Resp: 49950  
Ion Ratio Lower Upper  
139 100  
109 142.0 111.8 151.8  
65 113.8 91.1 131.1





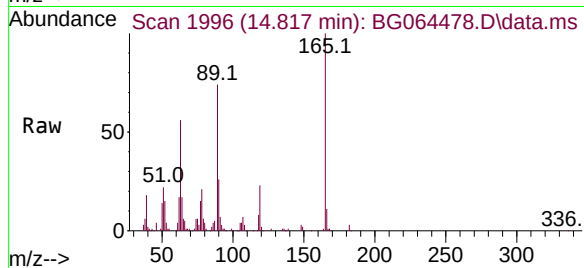
#57  
2,4-Dinitrotoluene  
Concen: 51.401 ng  
RT: 14.817 min Scan# 1996  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

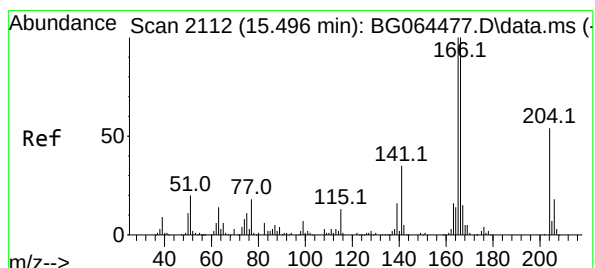
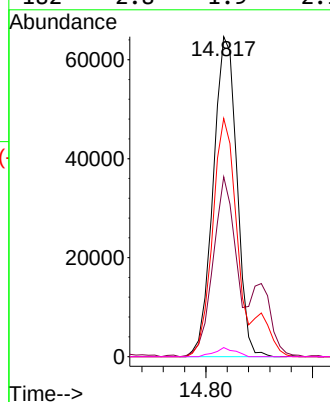
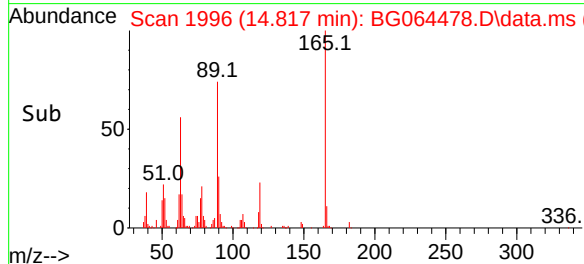


Tgt Ion:165 Resp: 99930  
Ion Ratio Lower Upper  
165 100  
63 56.2 40.4 60.6  
89 74.4 57.3 85.9  
182 2.8 1.9 2.9

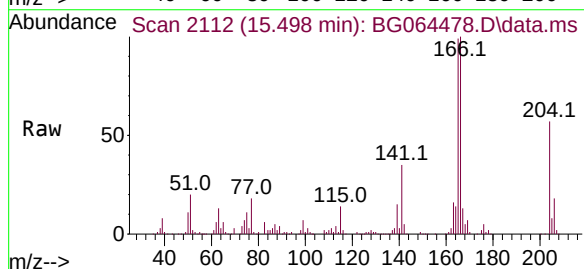
Manual Integrations

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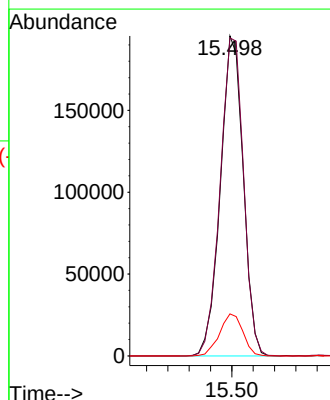
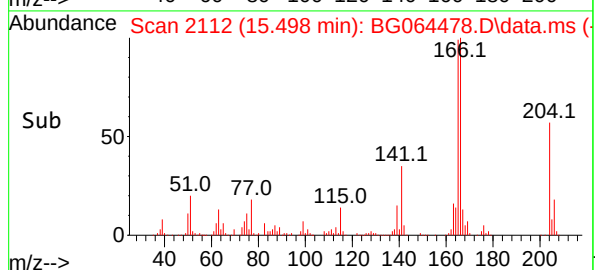
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

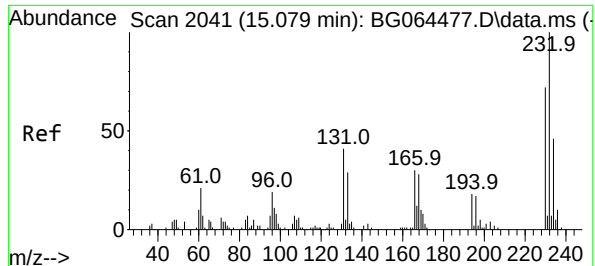


#58  
Fluorene  
Concen: 48.945 ng  
RT: 15.498 min Scan# 2112  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



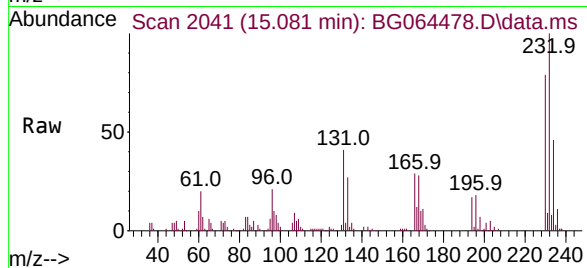
Tgt Ion:166 Resp: 290041  
Ion Ratio Lower Upper  
166 100  
165 99.4 79.8 119.6  
167 13.2 11.7 17.5





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.511 ng  
RT: 15.081 min Scan# 2041  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

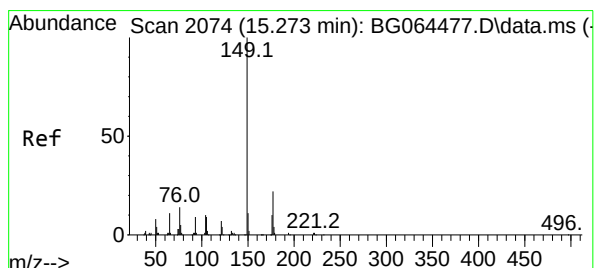
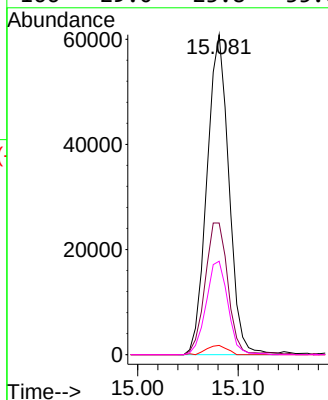
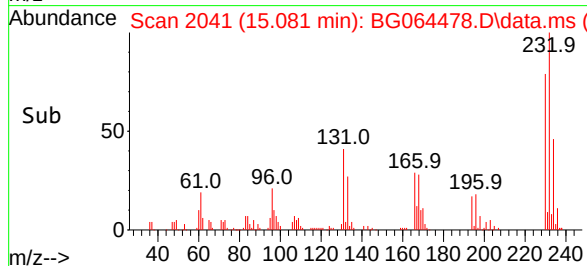
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:232 Resp: 92595  
Ion Ratio Lower Upper  
232 100  
131 42.5 35.0 52.4  
130 2.7 2.0 3.0  
166 29.0 23.8 35.6

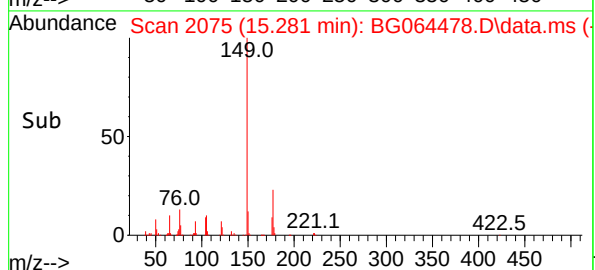
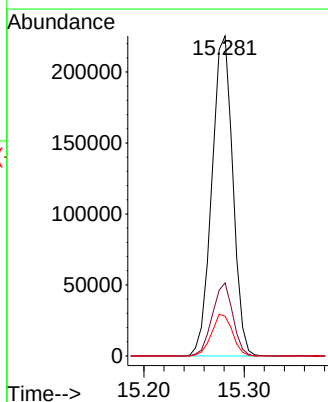
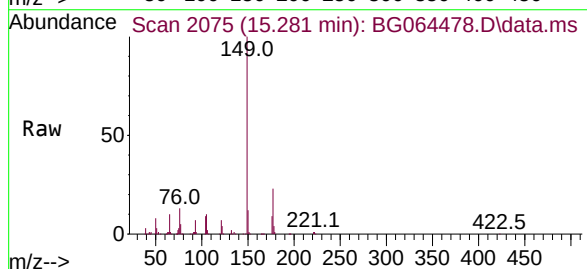
Manual Integrations  
APPROVED

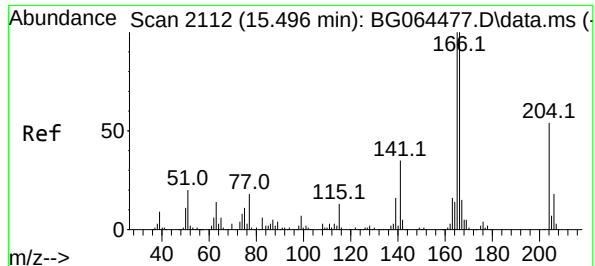
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#60  
Diethylphthalate  
Concen: 49.833 ng  
RT: 15.281 min Scan# 2075  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion:149 Resp: 326367  
Ion Ratio Lower Upper  
149 100  
177 22.8 17.4 26.0  
150 12.4 9.1 13.7





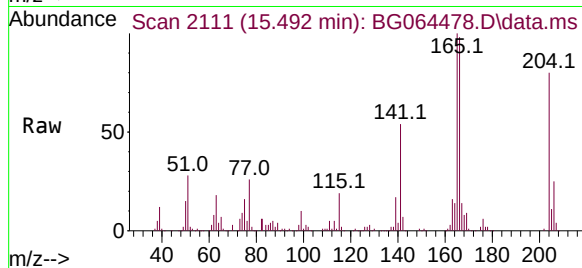
#61  
4-Chlorophenyl-phenylether  
Concen: 49.191 ng  
RT: 15.492 min Scan# 2111  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

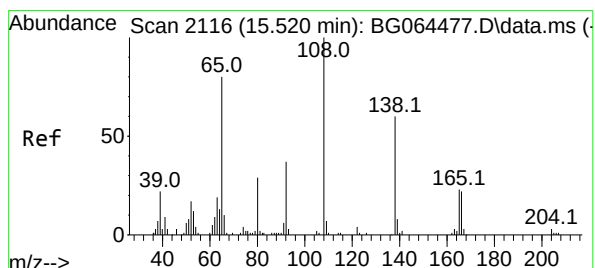
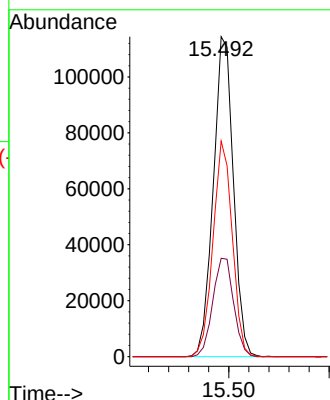
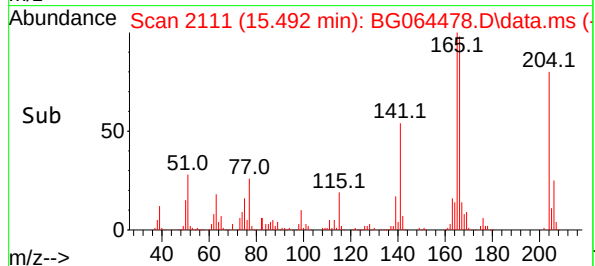


Tgt Ion:204 Resp: 15914  
Ion Ratio Lower Upper  
204 100  
206 30.7 27.1 40.7  
141 67.4 51.5 77.3

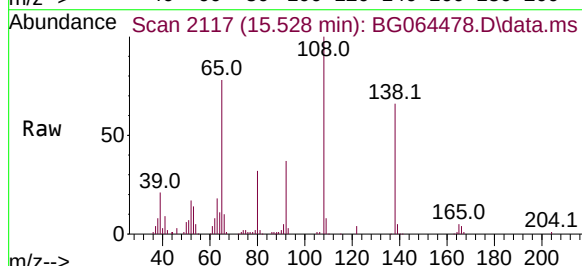
Manual Integrations

APPROVED

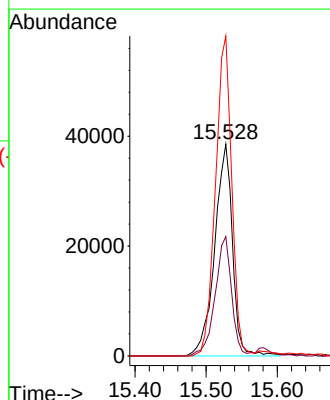
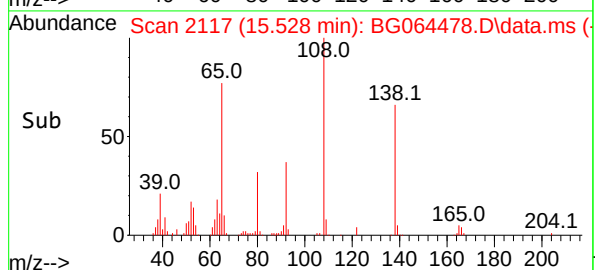
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

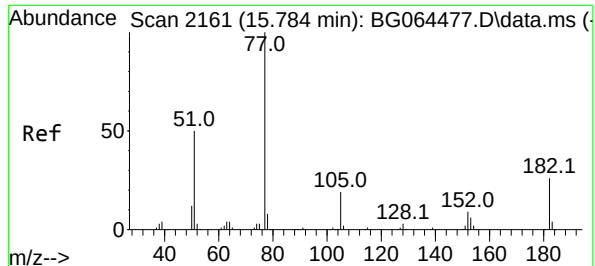


#62  
4-Nitroaniline  
Concen: 55.050 ng  
RT: 15.528 min Scan# 2117  
Delta R.T. 0.016 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



Tgt Ion:138 Resp: 67296  
Ion Ratio Lower Upper  
138 100  
92 56.4 42.3 82.3  
108 151.2 147.7 187.7





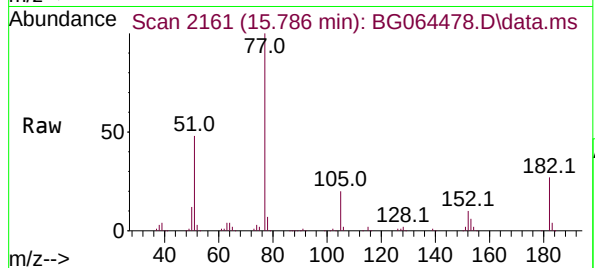
#63  
Azobenzene  
Concen: 49.764 ng  
RT: 15.786 min Scan# 2161  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

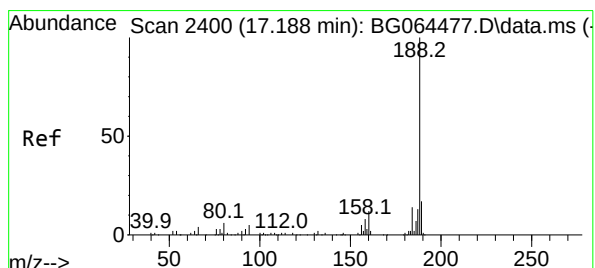
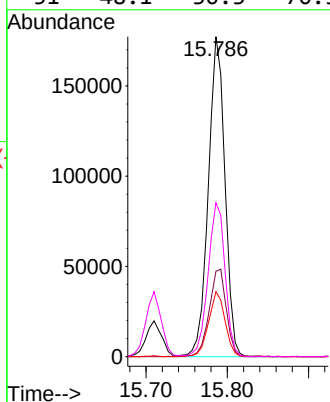
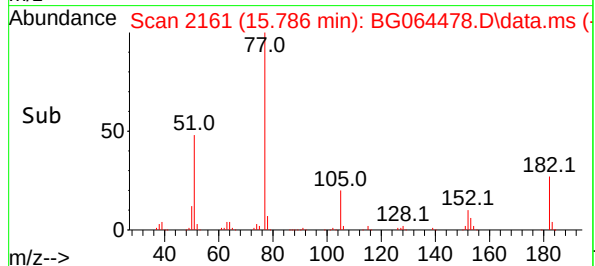


Tgt Ion: 77 Resp: 252408  
Ion Ratio Lower Upper  
77 100  
182 26.7 6.3 46.3  
105 20.3 0.0 38.7  
51 48.1 30.3 70.3

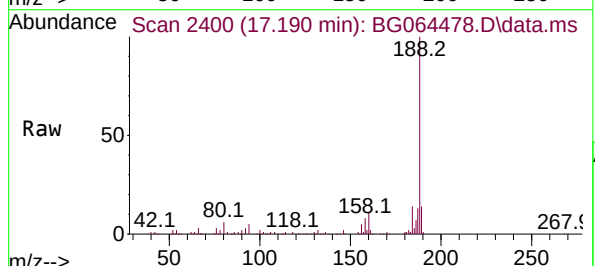
Manual Integrations

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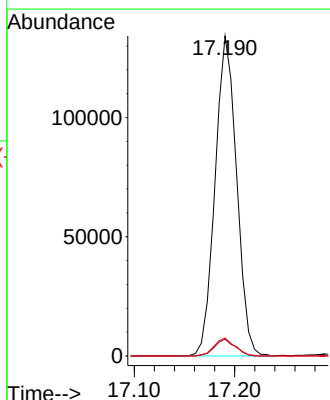
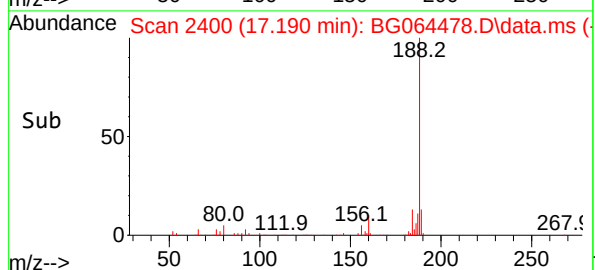
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

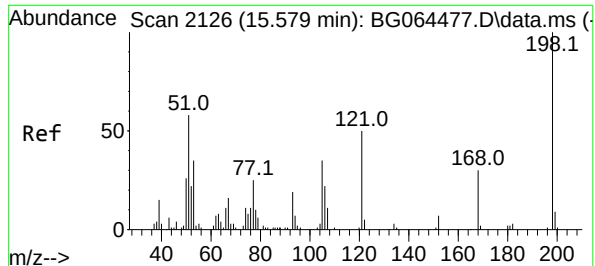


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.190 min Scan# 2400  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



Tgt Ion:188 Resp: 200361  
Ion Ratio Lower Upper  
188 100  
94 5.2 3.7 5.5  
80 5.6 4.5 6.7





#65

4,6-Dinitro-2-methylphenol

Concen: 49.467 ng

RT: 15.580 min Scan# 2126

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:198 Resp: 69009

Ion Ratio Lower Upper

198 100

51 55.6 39.0 79.0

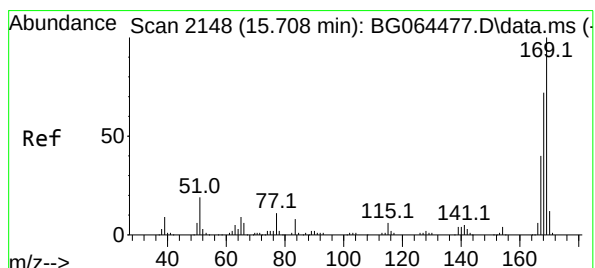
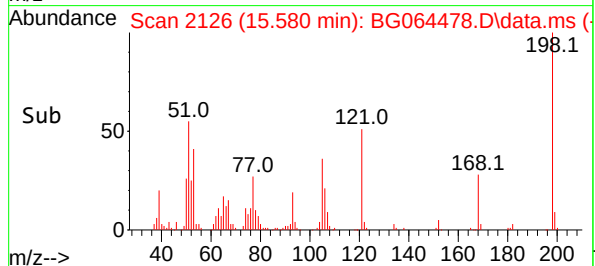
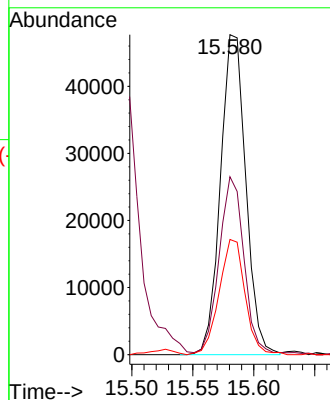
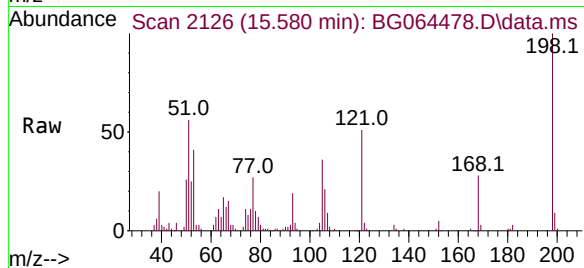
105 36.0 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#66

n-Nitrosodiphenylamine

Concen: 47.518 ng

RT: 15.710 min Scan# 2148

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

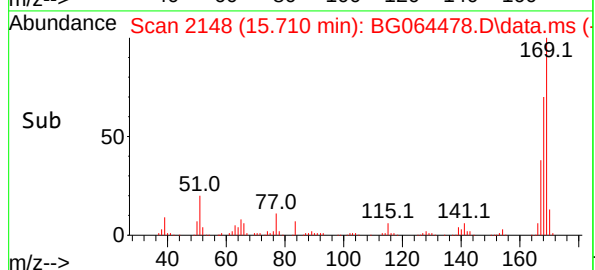
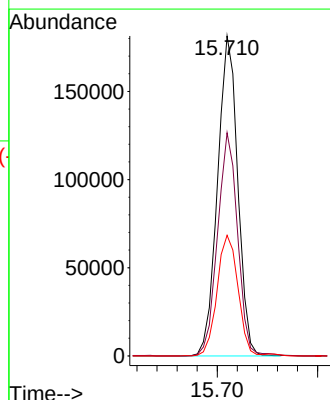
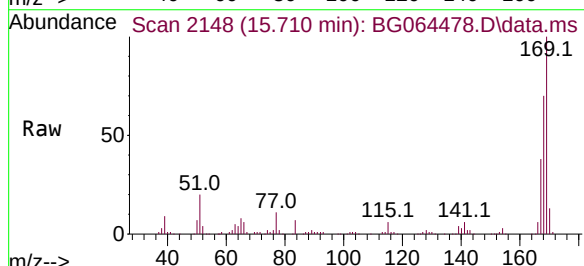
Tgt Ion:169 Resp: 254244

Ion Ratio Lower Upper

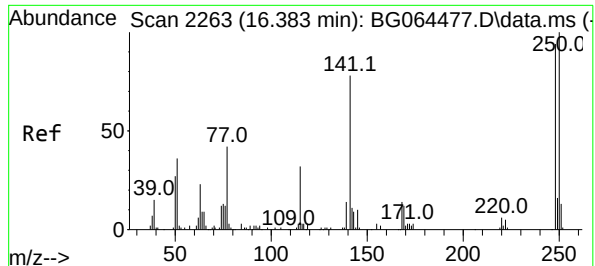
169 100

168 69.7 57.8 86.6

167 37.7 31.7 47.5

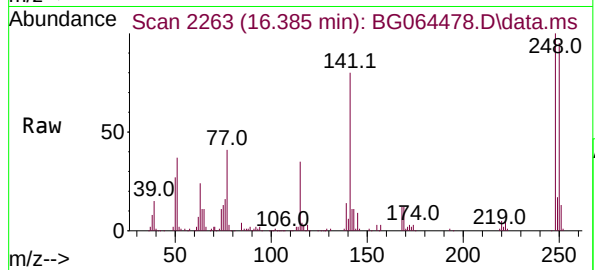






#67  
4-Bromophenyl-phenylether  
Concen: 47.653 ng  
RT: 16.385 min Scan# 2263  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

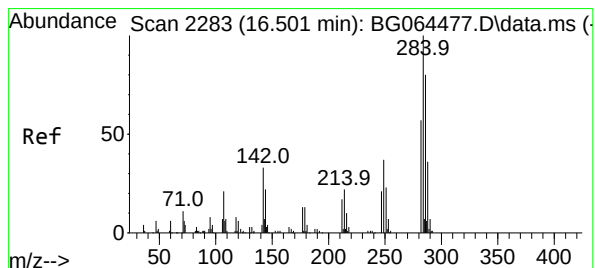
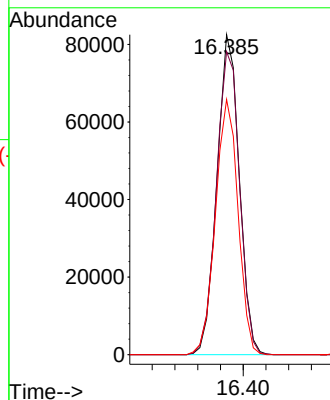
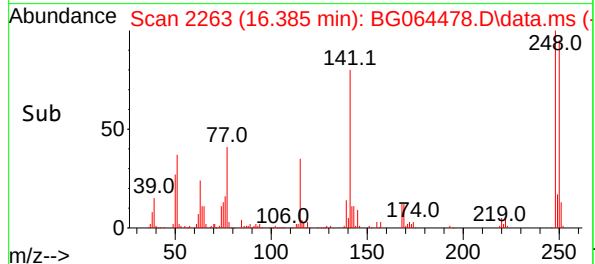
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:248 Resp: 112356  
Ion Ratio Lower Upper  
248 100  
250 94.7 85.3 127.9  
141 79.7 66.2 99.2

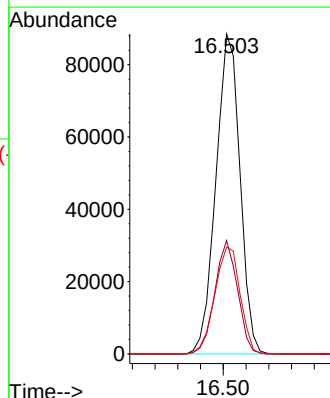
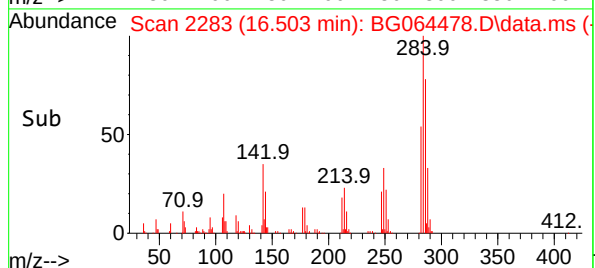
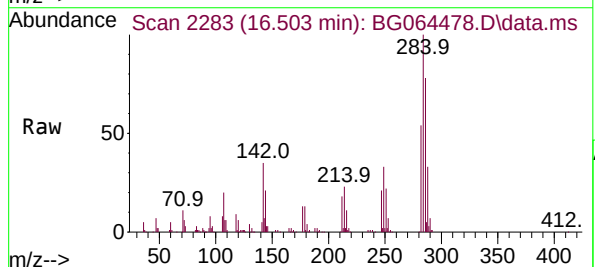
Manual Integrations  
APPROVED

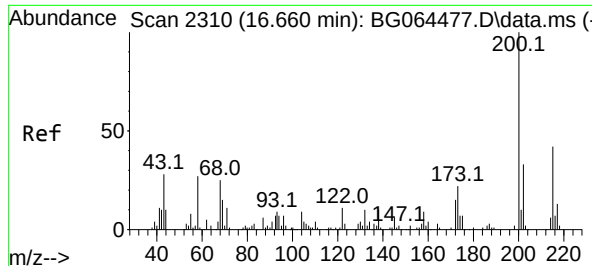
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#68  
Hexachlorobenzene  
Concen: 48.208 ng  
RT: 16.503 min Scan# 2283  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion:284 Resp: 130063  
Ion Ratio Lower Upper  
284 100  
142 35.4 26.2 39.2  
249 33.4 29.4 44.0





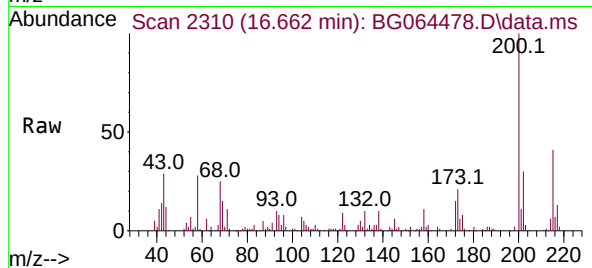
#69  
 Atrazine  
 Concen: 48.772 ng  
 RT: 16.662 min Scan# 2310  
 Delta R.T. 0.010 min  
 Lab File: BG064478.D  
 Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

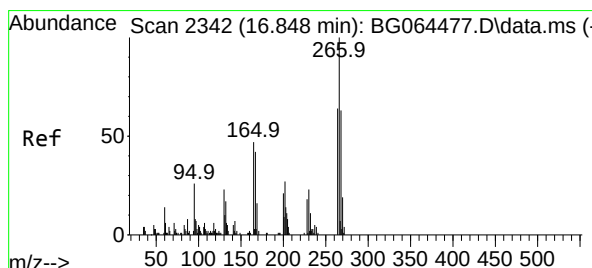
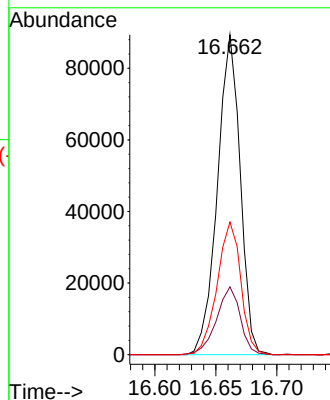
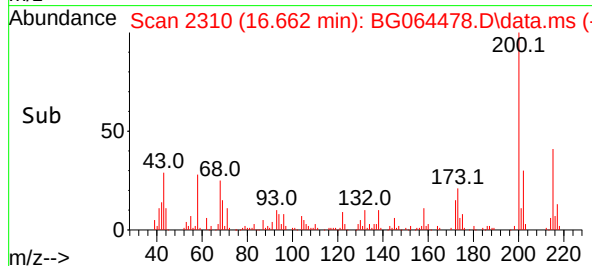


Tgt Ion:200 Resp: 116098  
 Ion Ratio Lower Upper  
 200 100  
 173 21.2 2.5 42.5  
 215 41.4 21.5 61.5

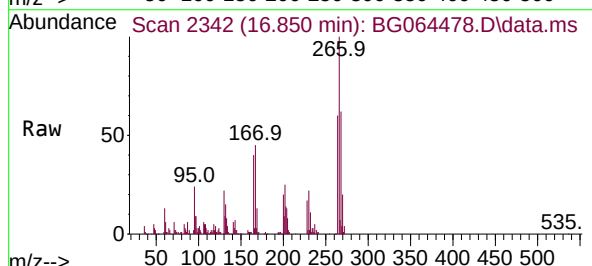
Manual Integrations

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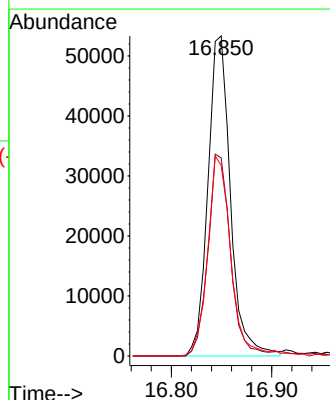
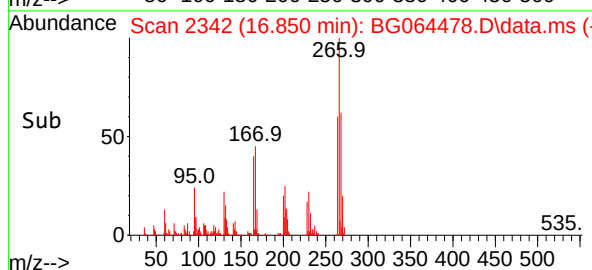
Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

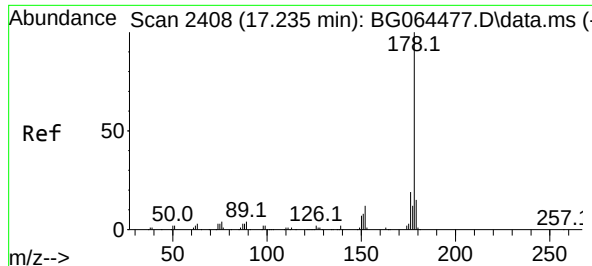


#70  
 Pentachlorophenol  
 Concen: 52.695 ng  
 RT: 16.850 min Scan# 2342  
 Delta R.T. 0.004 min  
 Lab File: BG064478.D  
 Acq: 2 Oct 2025 12:55



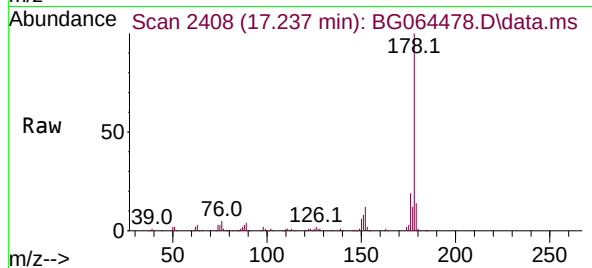
Tgt Ion:266 Resp: 83126  
 Ion Ratio Lower Upper  
 266 100  
 268 61.9 50.6 75.8  
 264 59.5 51.2 76.8





#71  
Phenanthrene  
Concen: 47.904 ng  
RT: 17.237 min Scan# 2408  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

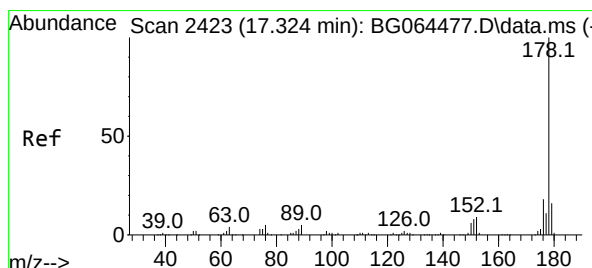
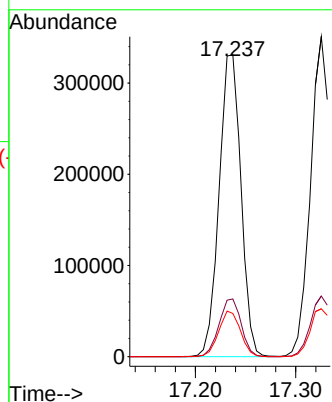
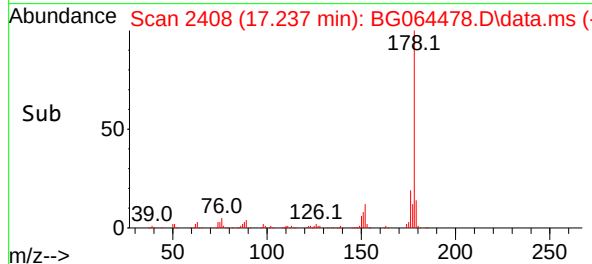
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:178 Resp: 50194  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.2 22.8  
179 14.3 11.8 17.6

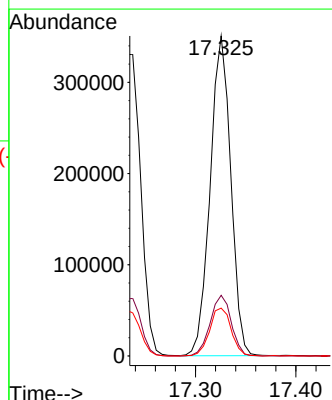
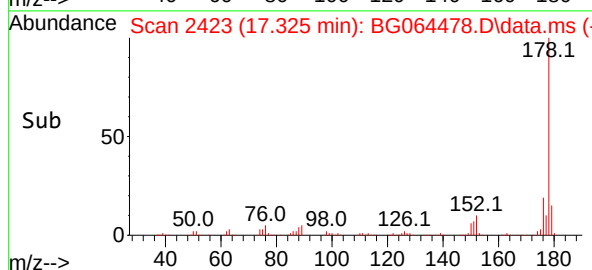
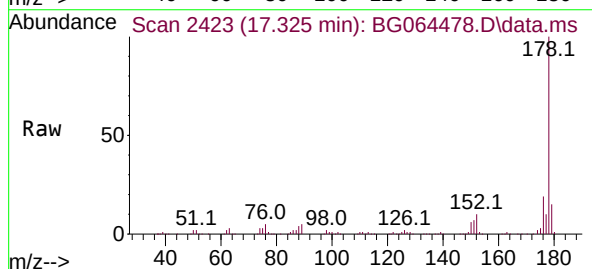
Manual Integrations  
APPROVED

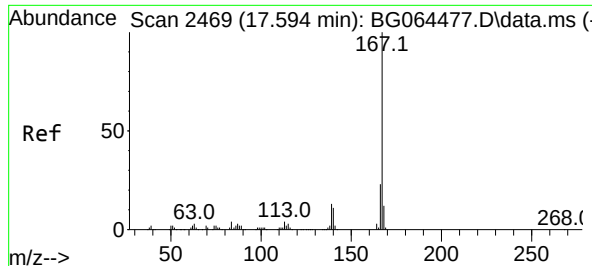
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#72  
Anthracene  
Concen: 47.688 ng  
RT: 17.325 min Scan# 2423  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

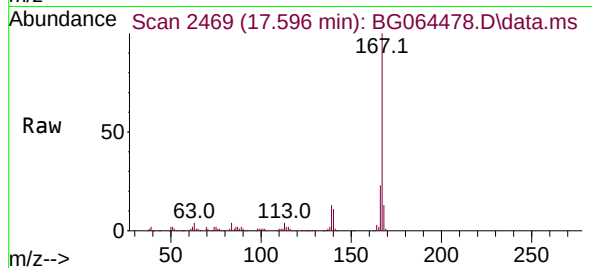
Tgt Ion:178 Resp: 501276  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.6 21.8  
179 14.9 12.5 18.7





#73  
Carbazole  
Concen: 48.370 ng  
RT: 17.596 min Scan# 2469  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

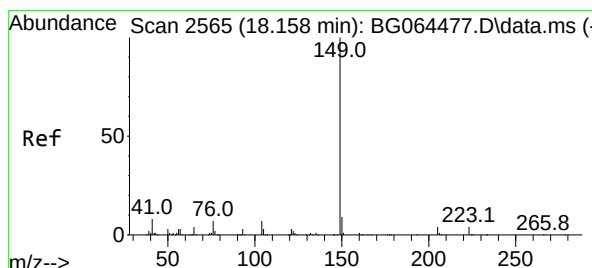
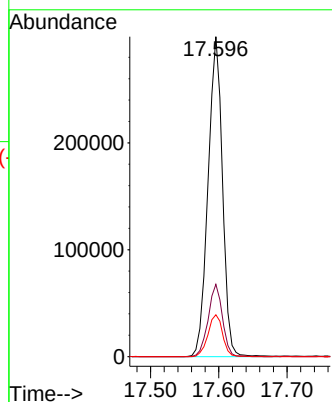
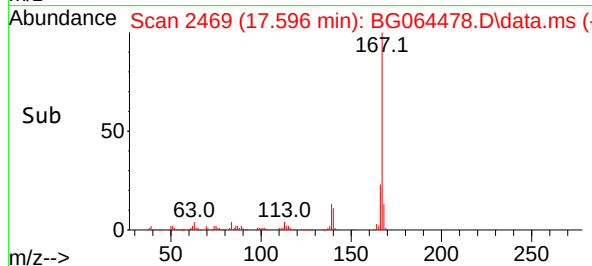
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:167 Resp: 439490  
Ion Ratio Lower Upper  
167 100  
166 22.6 18.6 27.8  
139 13.1 10.2 15.4

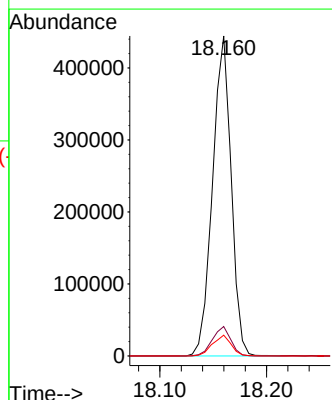
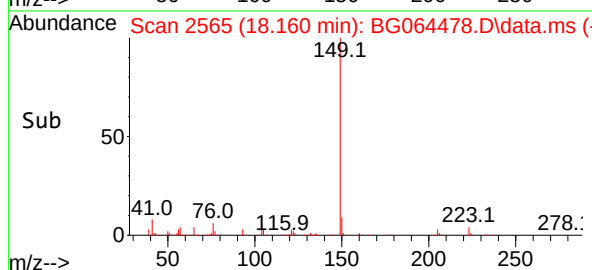
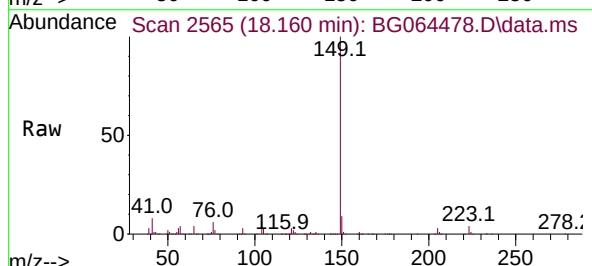
Manual Integrations  
APPROVED

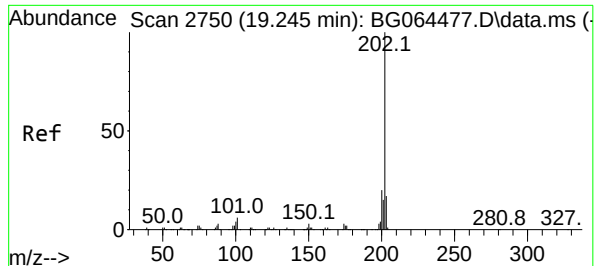
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#74  
Di-n-butylphthalate  
Concen: 48.585 ng  
RT: 18.160 min Scan# 2565  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

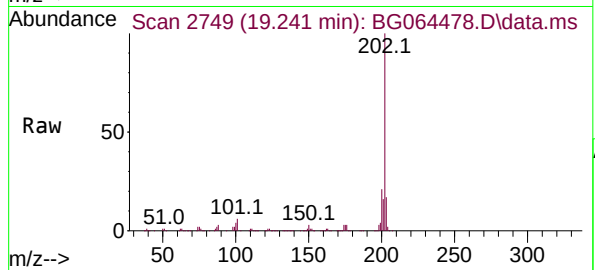
Tgt Ion:149 Resp: 538886  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.2  
104 6.5 5.3 7.9





#75  
Fluoranthene  
Concen: 47.718 ng  
RT: 19.241 min Scan# 2750  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

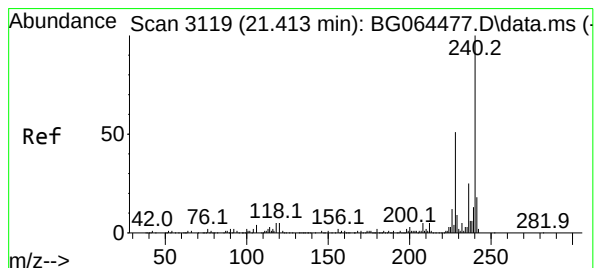
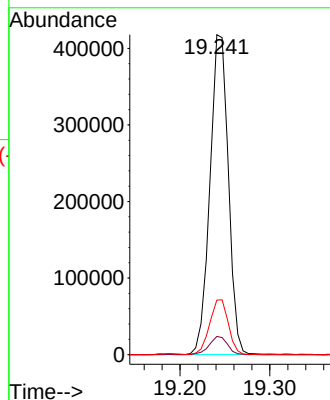
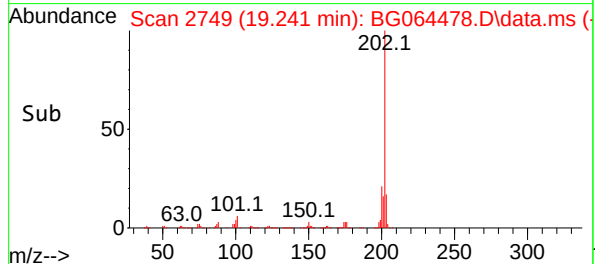
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:202 Resp: 597309  
Ion Ratio Lower Upper  
202 100  
101 5.7 0.0 25.7  
203 17.0 0.0 36.6

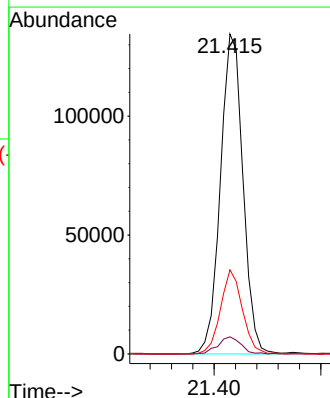
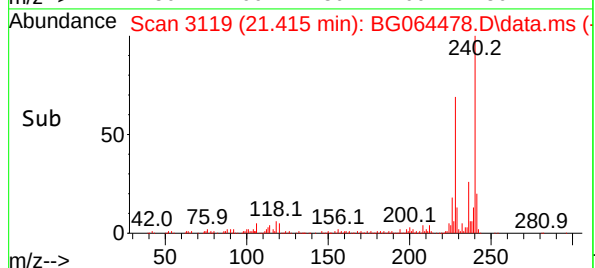
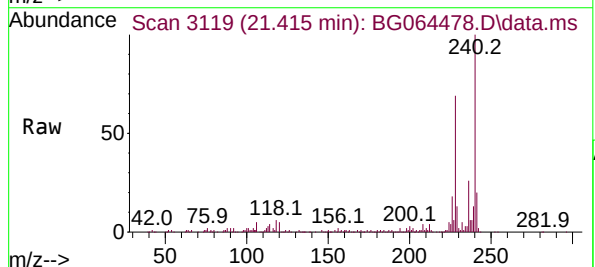
Manual Integrations  
APPROVED

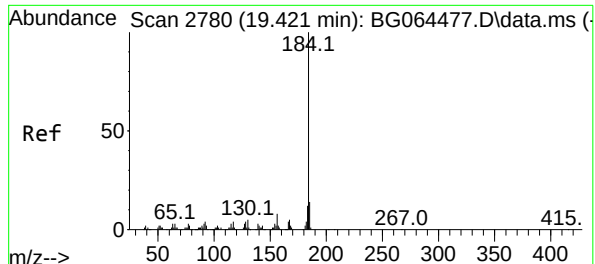
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.415 min Scan# 3119  
Delta R.T. 0.005 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

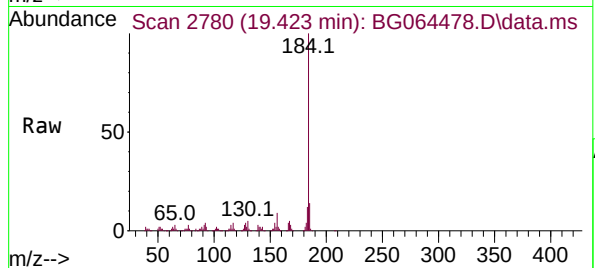
Tgt Ion:240 Resp: 197724  
Ion Ratio Lower Upper  
240 100  
120 5.3 4.3 6.5  
236 26.3 20.4 30.6





#77  
Benzidine  
Concen: 54.213 ng  
RT: 19.423 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

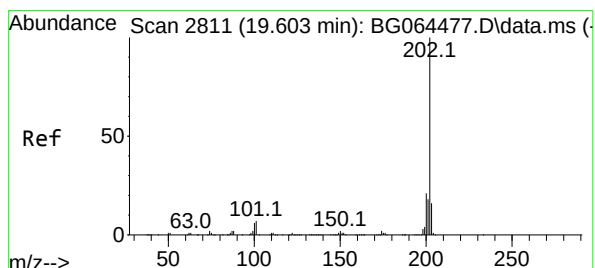
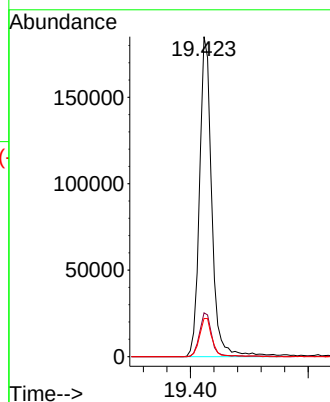
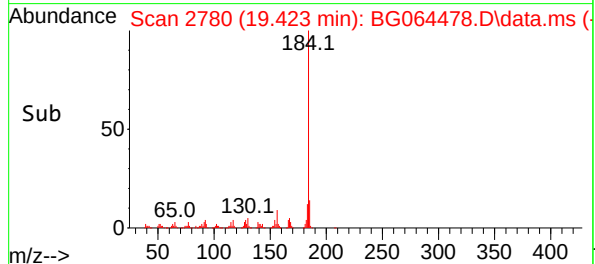
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:184 Resp: 266730  
Ion Ratio Lower Upper  
184 100  
185 13.7 10.9 16.3  
183 11.9 9.8 14.6

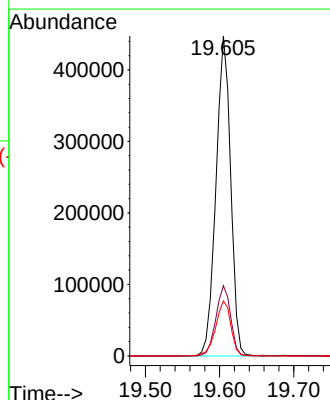
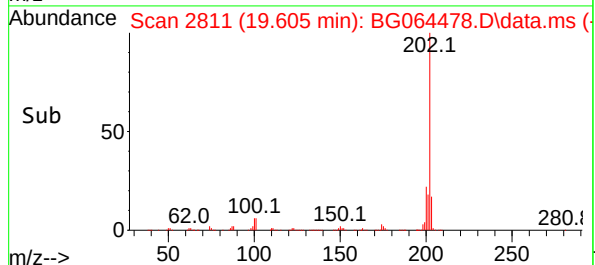
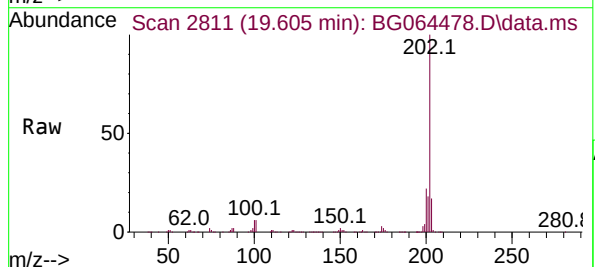
Manual Integrations  
APPROVED

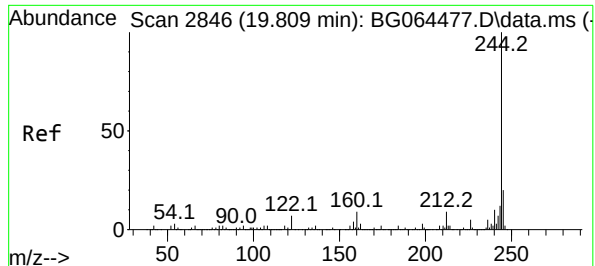
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#78  
Pyrene  
Concen: 47.828 ng  
RT: 19.605 min Scan# 2811  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

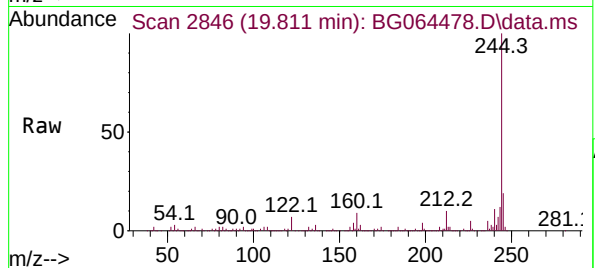
Tgt Ion:202 Resp: 613709  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.0 25.4  
203 17.2 13.0 19.4





#79  
Terphenyl-d14  
Concen: 97.457 ng  
RT: 19.811 min Scan# 2846  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

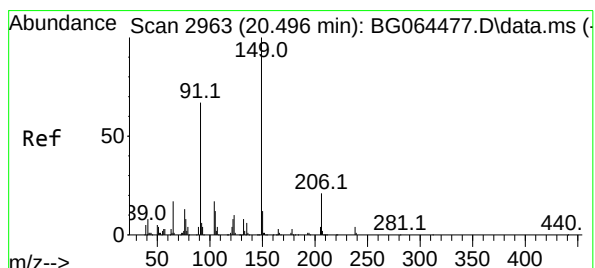
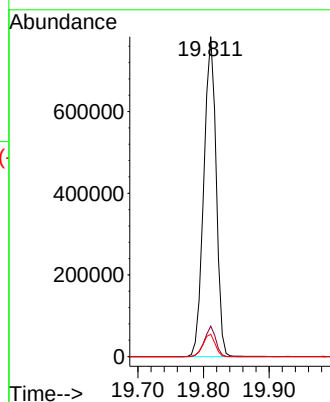
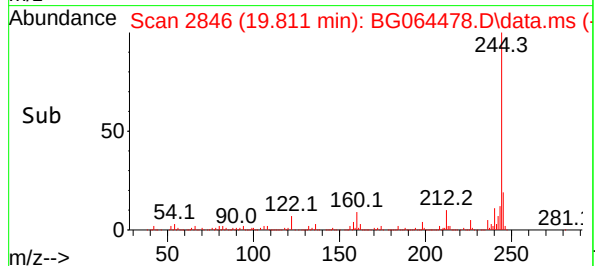
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:244 Resp: 1018211  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.0 10.6  
122 7.0 5.6 8.4

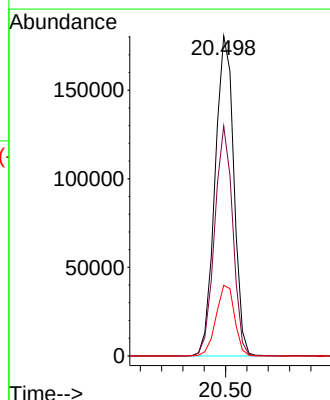
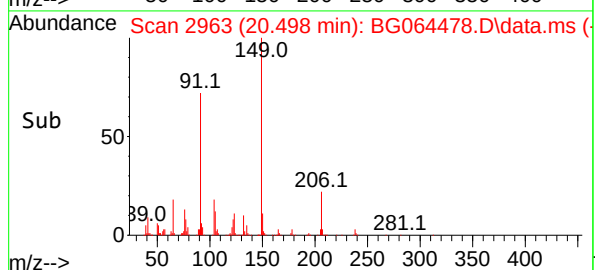
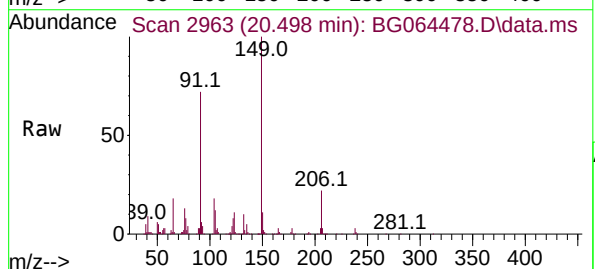
Manual Integrations  
APPROVED

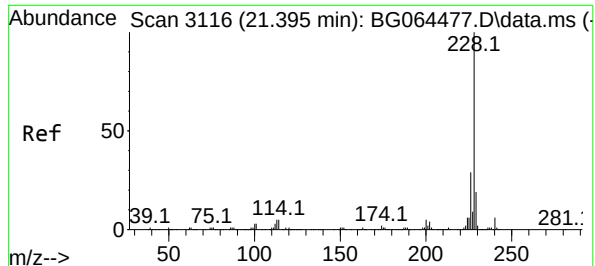
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#80  
Butylbenzylphthalate  
Concen: 48.623 ng  
RT: 20.498 min Scan# 2963  
Delta R.T. -0.001 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

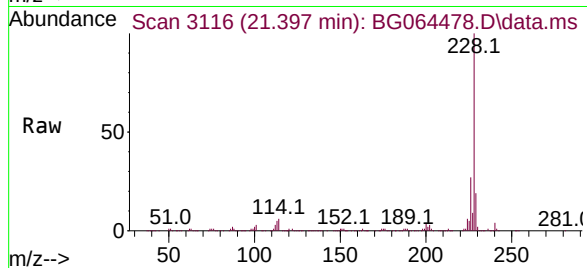
Tgt Ion:149 Resp: 221172  
Ion Ratio Lower Upper  
149 100  
91 71.8 53.7 80.5  
206 22.0 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 48.464 ng  
RT: 21.397 min Scan# 3116  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

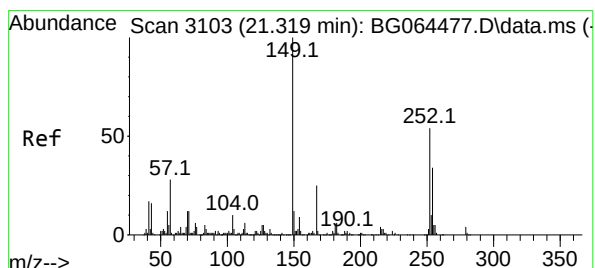
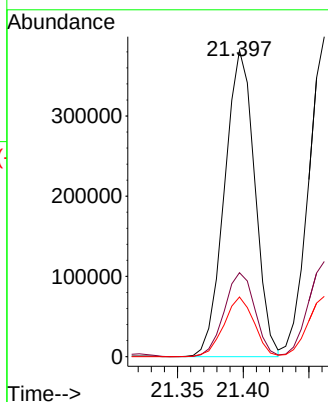
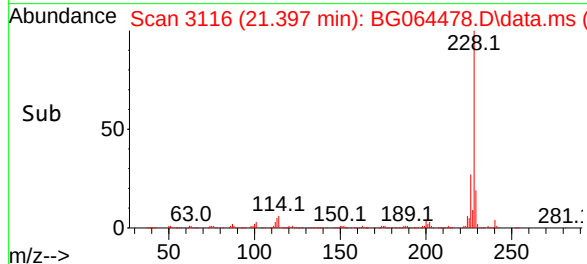
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 611850  
Ion Ratio Lower Upper  
228 100  
226 27.4 22.8 34.2  
229 19.5 15.2 22.8

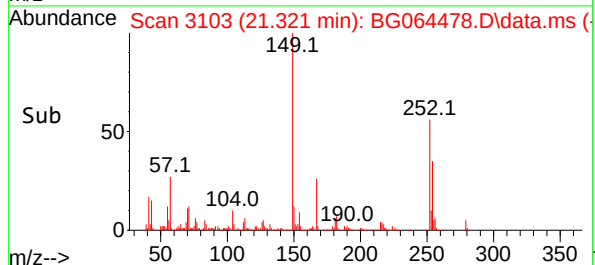
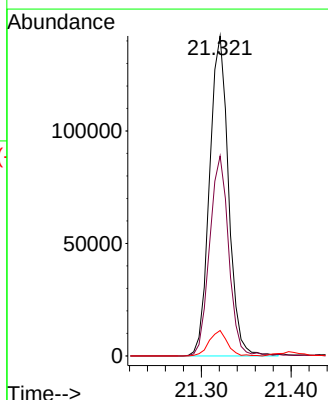
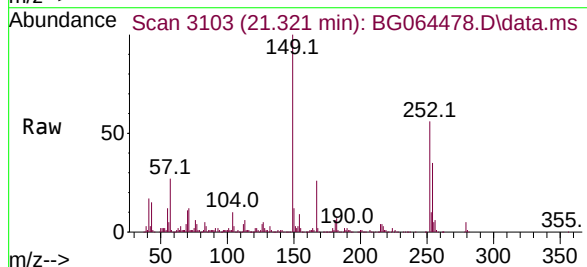
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

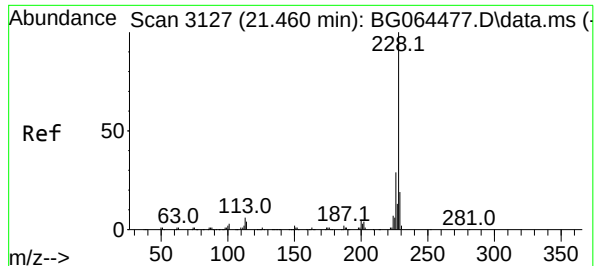


#82  
3,3'-Dichlorobenzidine  
Concen: 48.899 ng  
RT: 21.321 min Scan# 3103  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion:252 Resp: 208942  
Ion Ratio Lower Upper  
252 100  
254 62.5 50.5 75.7  
126 7.9 7.1 10.7







#83

Chrysene

Concen: 48.408 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 579585

Ion Ratio Lower Upper

228 100

226 29.7 22.8 34.2

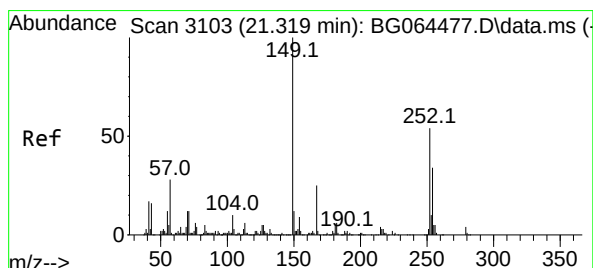
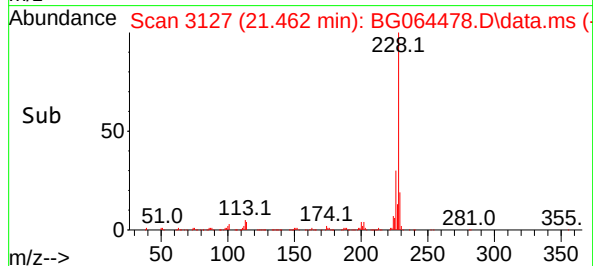
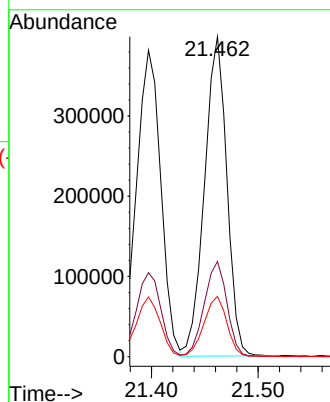
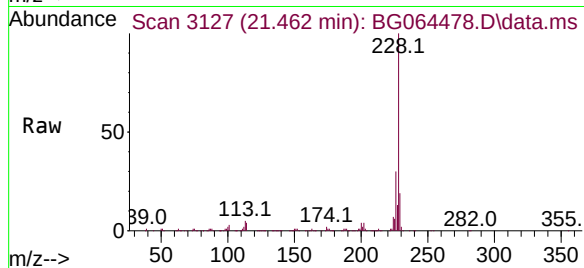
229 18.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.393 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.004 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

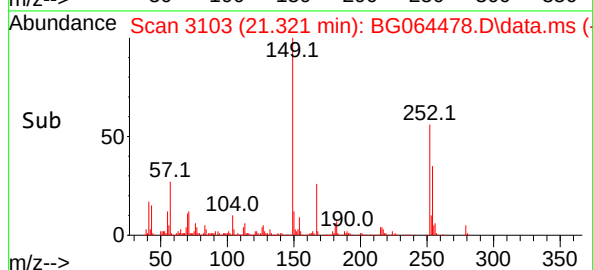
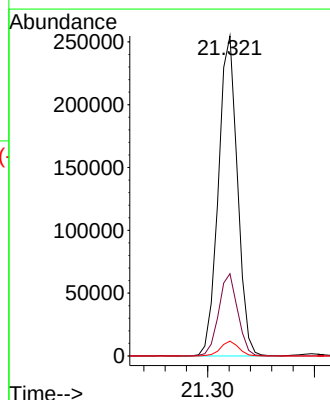
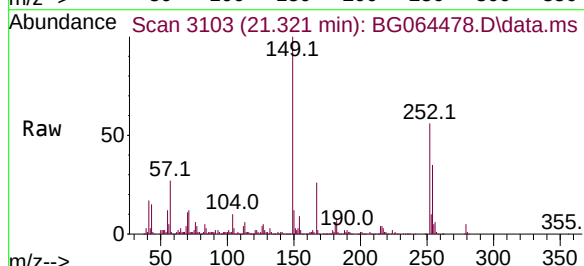
Tgt Ion:149 Resp: 317005

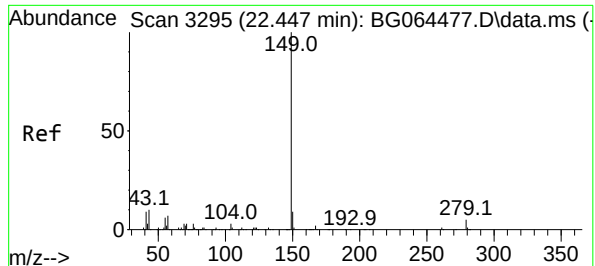
Ion Ratio Lower Upper

149 100

167 25.7 19.7 29.5

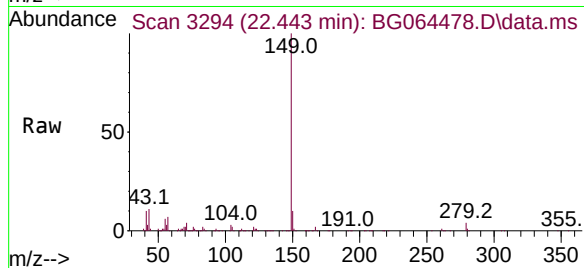
279 4.6 3.4 5.2





#85  
Di-n-octyl phthalate  
Concen: 49.179 ng  
RT: 22.443 min Scan# 3295  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

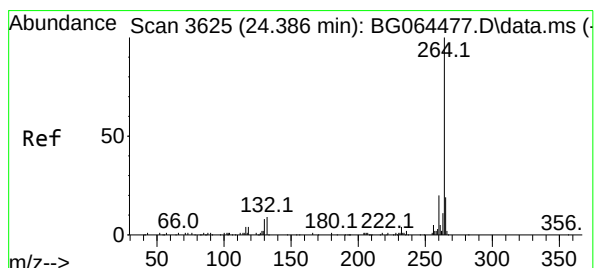
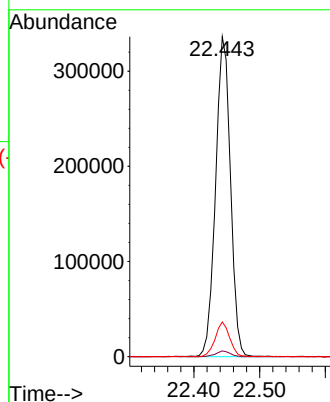
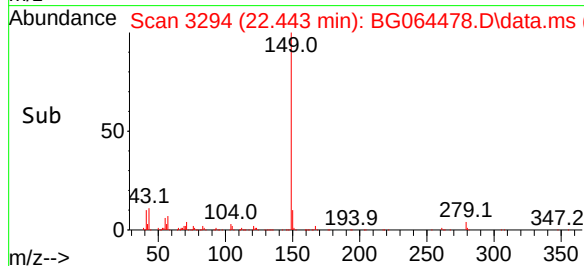
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:149 Resp: 530469  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 10.5 7.9 11.9

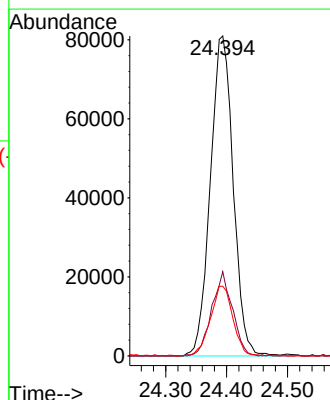
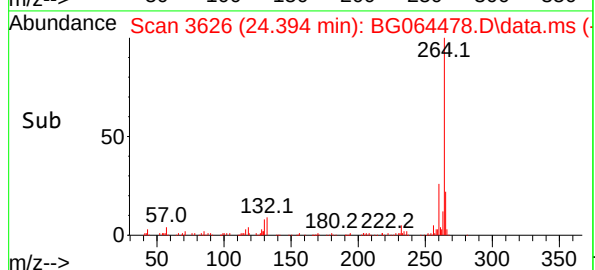
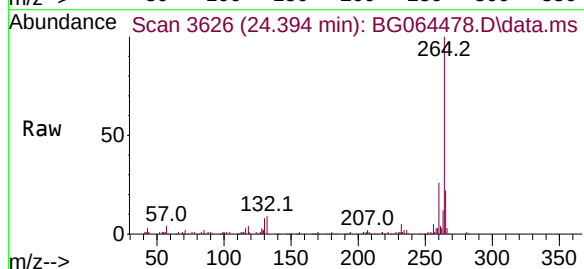
Manual Integrations  
APPROVED

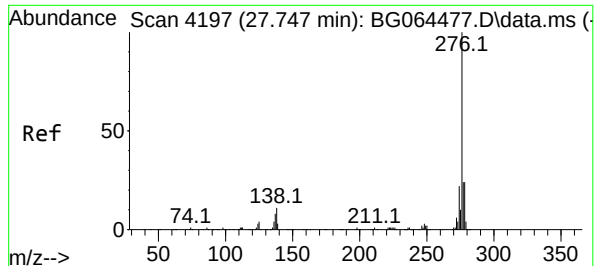
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.394 min Scan# 3626  
Delta R.T. 0.004 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

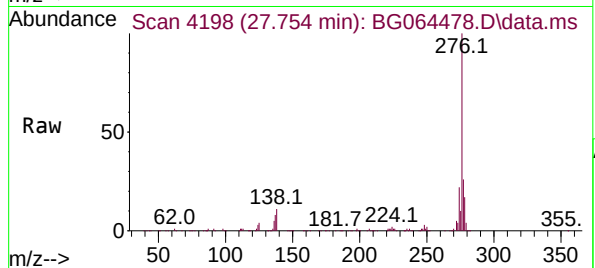
Tgt Ion:264 Resp: 211036  
Ion Ratio Lower Upper  
264 100  
260 26.3 16.2 24.4#  
265 21.8 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.822 ng  
RT: 27.754 min Scan# 4198  
Delta R.T. 0.022 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

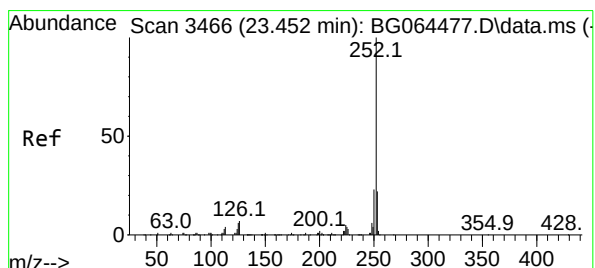
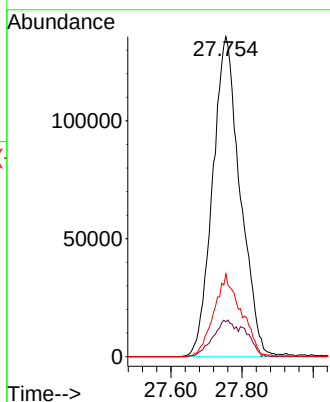
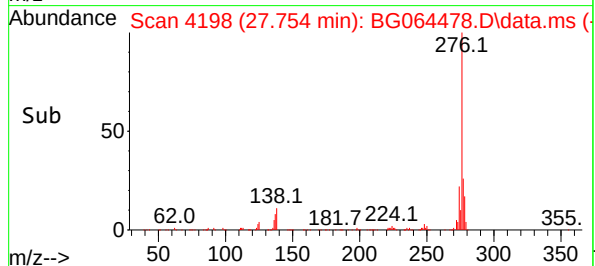
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



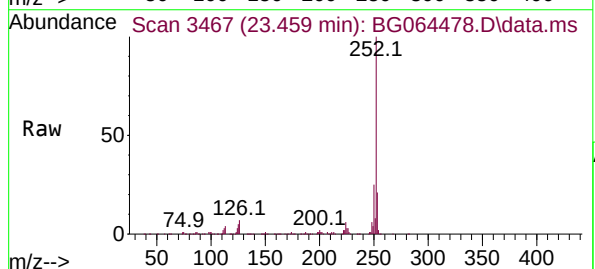
Tgt Ion:276 Resp: 731852  
Ion Ratio Lower Upper  
276 100  
138 9.5 10.8 16.2  
277 25.3 20.3 30.5

Manual Integrations  
APPROVED

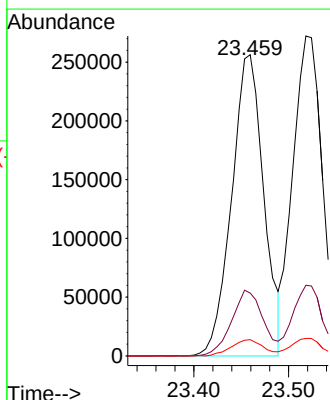
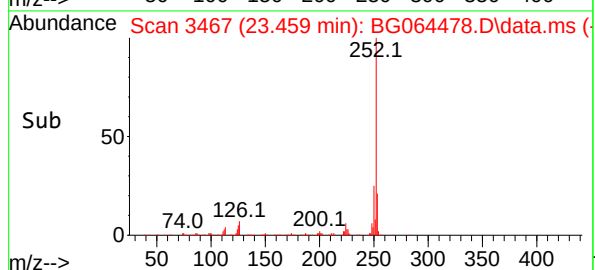
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

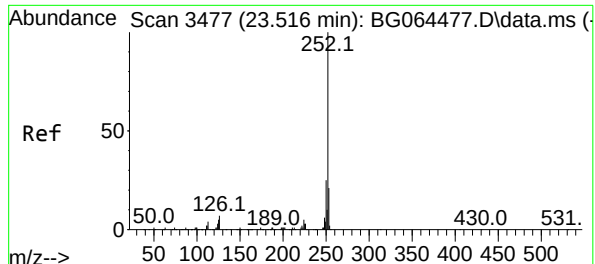


#88  
Benzo(b)fluoranthene  
Concen: 50.163 ng  
RT: 23.459 min Scan# 3467  
Delta R.T. 0.010 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55



Tgt Ion:252 Resp: 602249  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.5 26.3  
125 5.4 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 49.006 ng

RT: 23.518 min Scan# 3477

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 592576

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

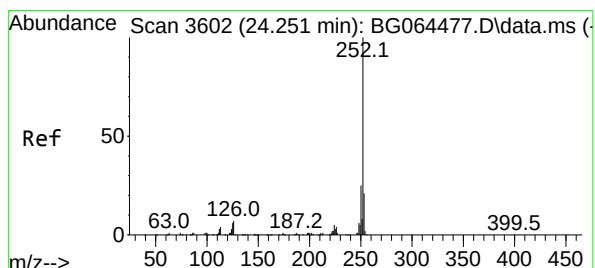
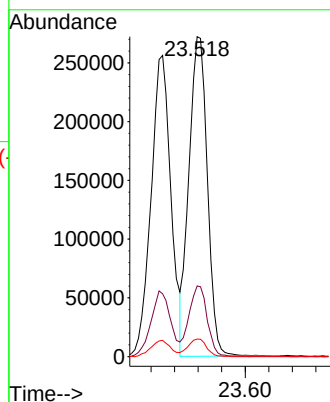
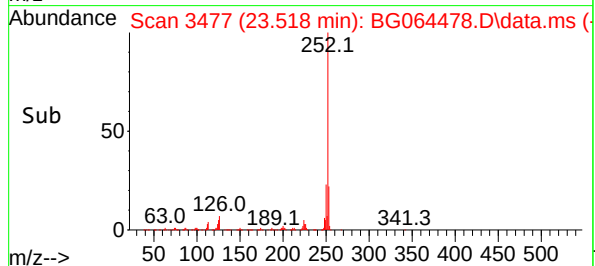
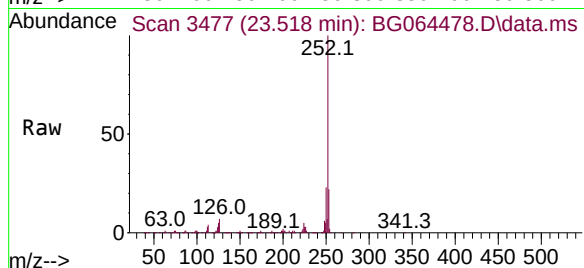
125 5.5 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 49.152 ng

RT: 24.259 min Scan# 3603

Delta R.T. 0.010 min

Lab File: BG064478.D

Acq: 2 Oct 2025 12:55

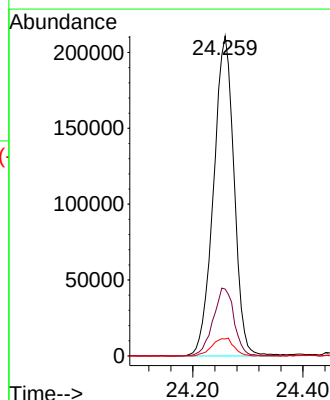
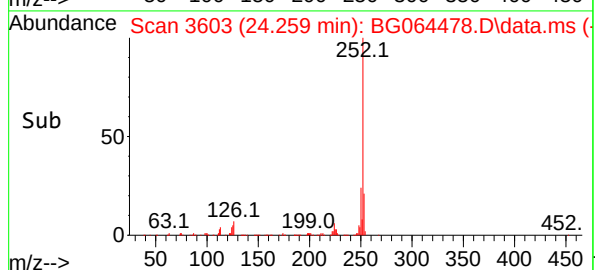
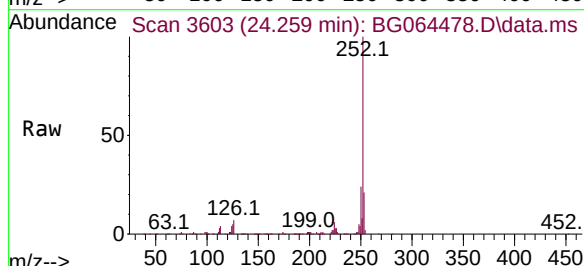
Tgt Ion:252 Resp: 543872

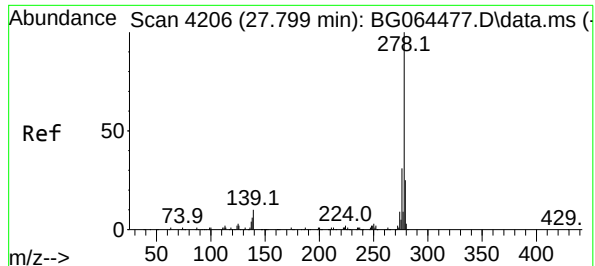
Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

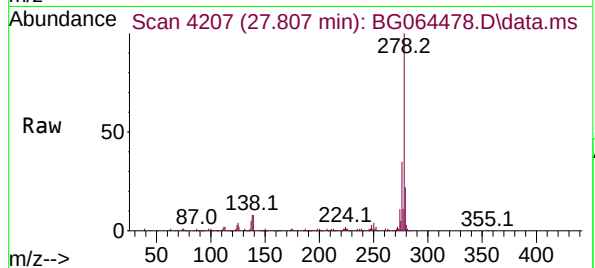
125 5.3 4.6 6.8





#91  
Dibenzo(a,h)anthracene  
Concen: 50.092 ng  
RT: 27.807 min Scan# 41  
Delta R.T. 0.028 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

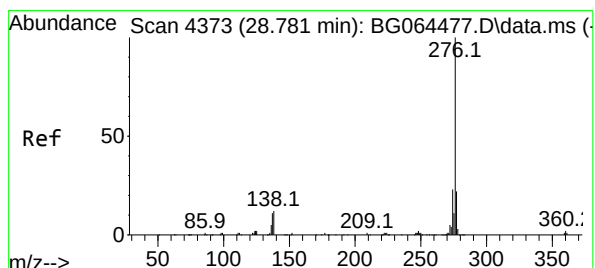
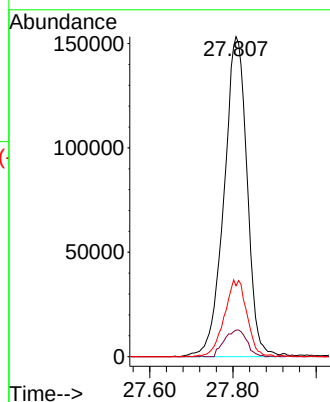
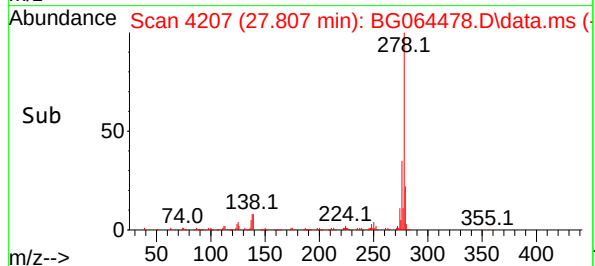
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:278 Resp: 588448  
Ion Ratio Lower Upper  
278 100  
139 8.3 8.2 12.2  
279 22.1 19.6 29.4

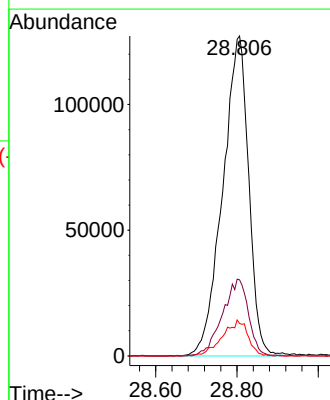
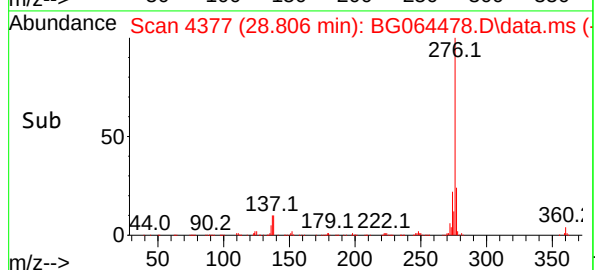
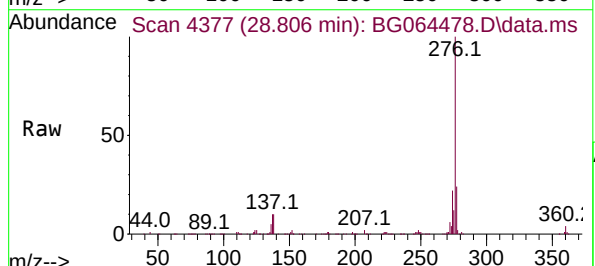
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 49.412 ng  
RT: 28.806 min Scan# 4377  
Delta R.T. 0.040 min  
Lab File: BG064478.D  
Acq: 2 Oct 2025 12:55

Tgt Ion:276 Resp: 564079  
Ion Ratio Lower Upper  
276 100  
277 23.8 17.8 26.6  
138 10.1 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064479.D  
 Acq On : 2 Oct 2025 13:35  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC060

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.823  | 152  | 18157    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.614 | 136  | 79713    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.451 | 164  | 59222    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.189 | 188  | 143075   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.419 | 240  | 144920   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.386 | 264  | 155027   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 120711   | 123.037 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.001  | 99   | 163006   | 123.636 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.981  | 82   | 182017   | 122.779 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 15.943 | 330  | 128452   | 119.659 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.076 | 172  | 493573   | 122.847 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.809 | 244  | 908174   | 118.598 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.328  | 88   | 21034    | 54.202  | ng    | 99       |
| 3) Pyridine                   | 3.716  | 79   | 59671    | 57.214  | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.634  | 42   | 45910    | 60.722  | ng    | 96       |
| 6) Aniline                    | 7.153  | 93   | 99315    | 59.718  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.394  | 128  | 72763    | 60.397  | ng    | 95       |
| 9) Benzaldehyde               | 6.965  | 77   | 84348    | 72.070  | ng    | 96       |
| 10) Phenol                    | 7.024  | 94   | 86206    | 61.981  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.253  | 93   | 57983    | 61.560  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.712  | 146  | 77246    | 58.613  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.858  | 146  | 77379    | 58.502  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.176  | 146  | 76212    | 58.463  | ng    | 90       |
| 15) Benzyl Alcohol            | 8.064  | 79   | 76230    | 62.783  | ng    | 91       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.346  | 45   | 93010    | 61.262  | ng    | 95       |
| 17) 2-Methylphenol            | 8.270  | 107  | 62263    | 61.823  | ng    | 98       |
| 18) Hexachloroethane          | 8.904  | 117  | 30824    | 59.041  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.634  | 70   | 57095    | 64.752  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.599  | 107  | 88330    | 62.850  | ng    | 94       |
| 22) Acetophenone              | 8.646  | 105  | 118355   | 61.322  | ng    | 96       |
| 24) Nitrobenzene              | 9.022  | 77   | 90145    | 60.977  | ng    | 99       |
| 25) Isophorone                | 9.545  | 82   | 163941   | 61.043  | ng    | # 96     |
| 26) 2-Nitrophenol             | 9.727  | 139  | 44985    | 61.140  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.791  | 122  | 71145    | 63.308  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.027 | 93   | 84101    | 61.433  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.262 | 162  | 80390    | 61.860  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.479 | 180  | 83491    | 58.922  | ng    | 94       |
| 31) Naphthalene               | 10.661 | 128  | 248965   | 60.652  | ng    | 99       |
| 32) Benzoic acid              | 9.974  | 122  | 57724m   | 66.902  | ng    |          |
| 33) 4-Chloroaniline           | 10.767 | 127  | 97069    | 61.625  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.949 | 225  | 71767    | 59.141  | ng    | 98       |
| 35) Caprolactam               | 11.554 | 113  | 26379    | 59.294  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 11.901 | 107  | 96815    | 61.261  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.271 | 142  | 190996   | 60.616  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.494 | 142  | 187504   | 59.679  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.641 | 216  | 120531   | 63.034  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.623 | 237  | 67135    | 67.119  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 12.888 | 196  | 77492    | 63.395  | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064479.D  
 Acq On : 2 Oct 2025 13:35  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.958 | 196  | 84004    | 61.556 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.287 | 154  | 263596   | 61.885 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.329 | 162  | 196507   | 61.791 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.528 | 65   | 68465    | 63.078 | ng    | 96       |
| 49) Acenaphthylene            | 14.175 | 152  | 291016   | 61.645 | ng    | 97       |
| 50) Dimethylphthalate         | 13.910 | 163  | 281798   | 60.755 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.028 | 165  | 61222    | 63.363 | ng    | 95       |
| 52) Acenaphthene              | 14.515 | 154  | 202179   | 61.643 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.363 | 138  | 53857    | 60.440 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.562 | 184  | 40673    | 58.053 | ng    | # 84     |
| 55) Dibenzofuran              | 14.850 | 168  | 332668   | 61.429 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.674 | 139  | 44975    | 64.107 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.821 | 165  | 89912    | 60.873 | ng    | 99       |
| 58) Fluorene                  | 15.502 | 166  | 272106   | 60.439 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.079 | 232  | 87720    | 62.984 | ng    | 98       |
| 60) Diethylphthalate          | 15.279 | 149  | 295396   | 59.367 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.497 | 204  | 145541   | 59.213 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.526 | 138  | 60477    | 65.117 | ng    | 88       |
| 63) Azobenzene                | 15.784 | 77   | 229063   | 59.443 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.585 | 198  | 62295    | 62.533 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.708 | 169  | 232383   | 60.822 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.384 | 248  | 101659   | 60.380 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.501 | 284  | 120060   | 62.318 | ng    | 96       |
| 69) Atrazine                  | 16.660 | 200  | 102498   | 60.299 | ng    | 98       |
| 70) Pentachlorophenol         | 16.848 | 266  | 72916    | 64.730 | ng    | 99       |
| 71) Phenanthrene              | 17.236 | 178  | 450582   | 60.221 | ng    | 98       |
| 72) Anthracene                | 17.324 | 178  | 458626   | 61.100 | ng    | 99       |
| 73) Carbazole                 | 17.594 | 167  | 395523   | 60.961 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.158 | 149  | 485256   | 61.267 | ng    | 100      |
| 75) Fluoranthene              | 19.245 | 202  | 537693   | 60.154 | ng    | 99       |
| 77) Benzidine                 | 19.427 | 184  | 270028   | 74.880 | ng    | 100      |
| 78) Pyrene                    | 19.604 | 202  | 556837   | 59.207 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.497 | 149  | 208125   | 62.426 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.396 | 228  | 561451   | 60.676 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.319 | 252  | 192733   | 61.540 | ng    | 97       |
| 83) Chrysene                  | 21.460 | 228  | 525893   | 59.928 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.319 | 149  | 291329   | 61.932 | ng    | 95       |
| 85) Di-n-octyl phthalate      | 22.447 | 149  | 489220   | 61.881 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.747 | 276  | 665573   | 61.679 | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 23.452 | 252  | 543592   | 61.635 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.517 | 252  | 537854   | 60.551 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.257 | 252  | 500159   | 61.533 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.806 | 278  | 535408   | 62.043 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.799 | 276  | 513293   | 61.207 | ng    | 98       |

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

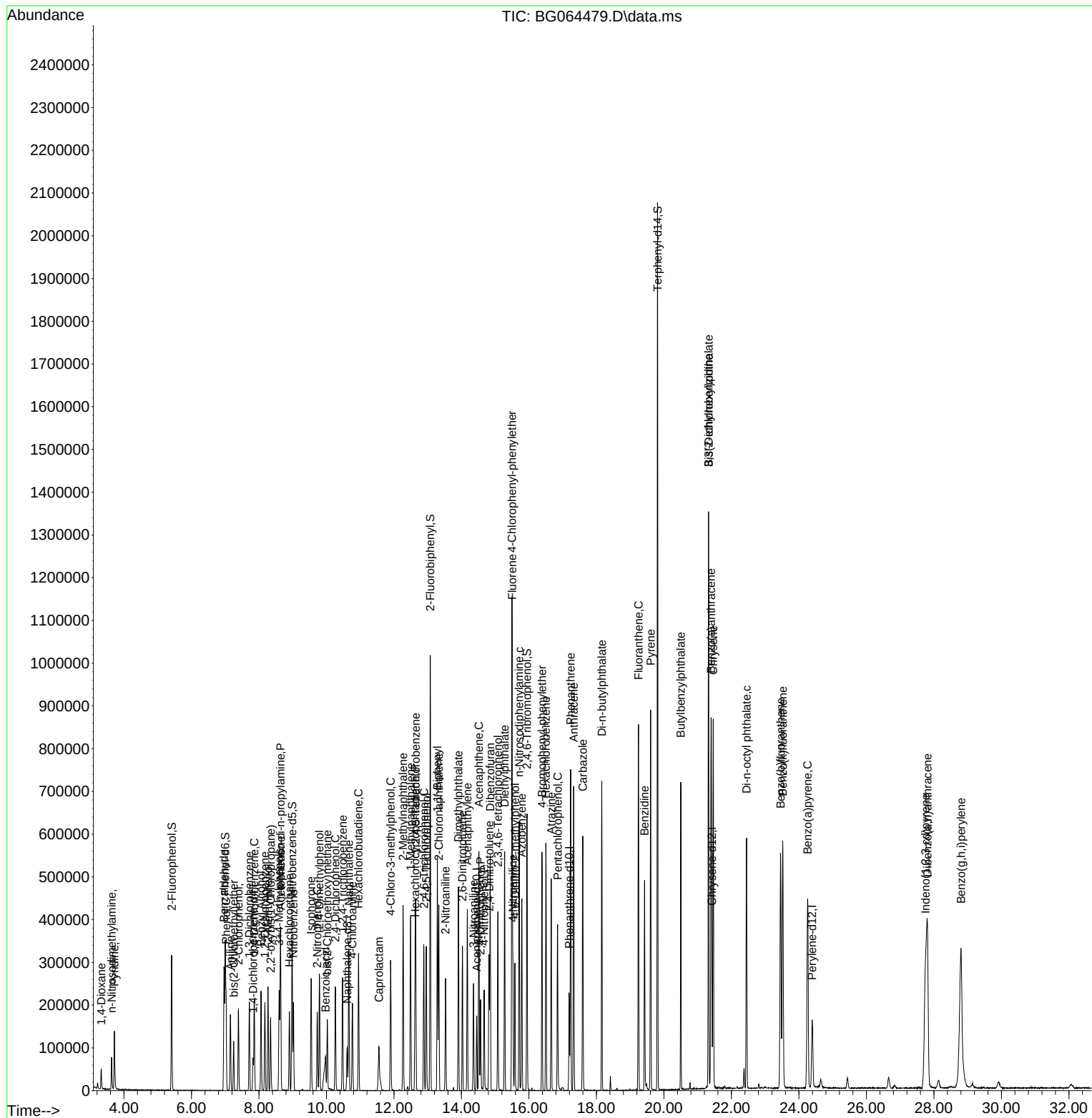
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Data File : BG064479.D  
Acq On : 2 Oct 2025 13:35  
Operator : RC/JU  
Sample : SSTDICC060  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC060

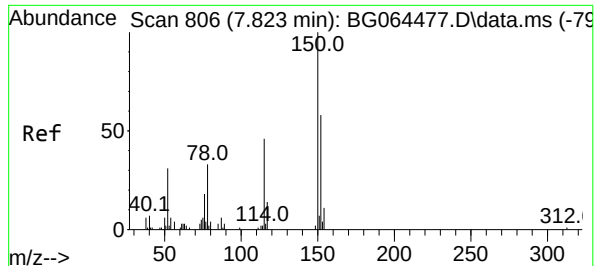
## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:15 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration

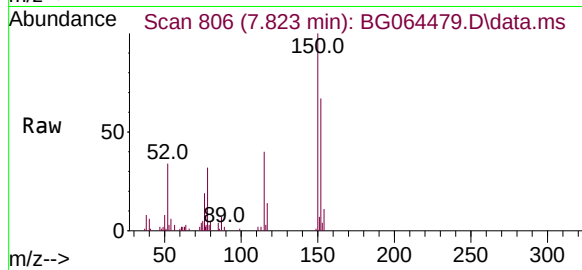






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.823 min Scan# 80  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

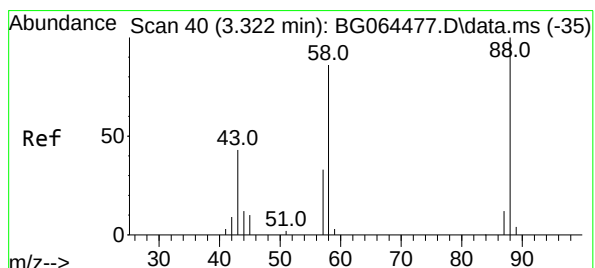
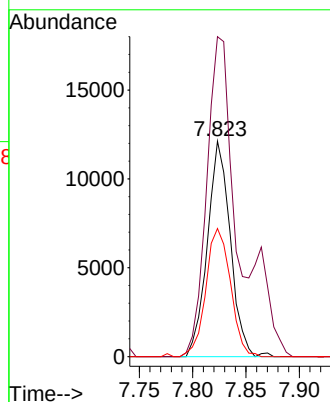
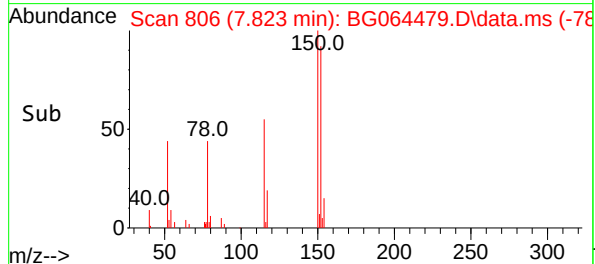
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:152 Resp: 1815  
Ion Ratio Lower Upper  
152 100  
150 148.6 138.6 207.8  
115 59.5 63.4 95.2

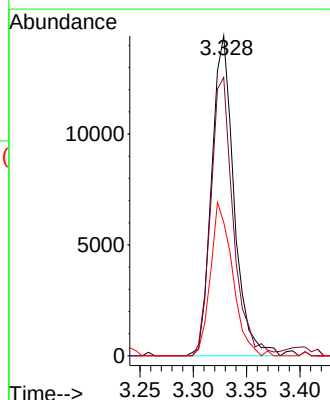
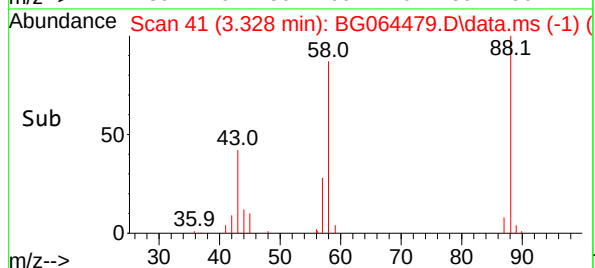
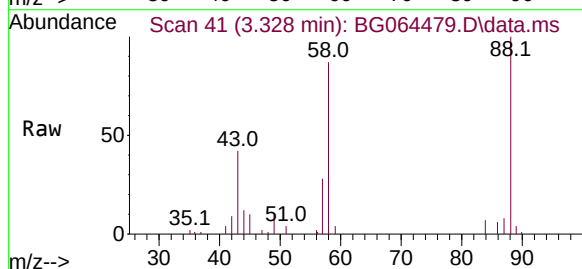
Manual Integrations  
APPROVED

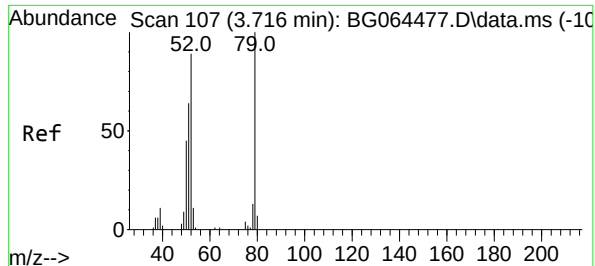
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#2  
1,4-Dioxane  
Concen: 54.202 ng  
RT: 3.328 min Scan# 41  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion: 88 Resp: 21034  
Ion Ratio Lower Upper  
88 100  
58 87.6 69.8 104.6  
43 47.3 37.4 56.0





#3

Pyridine

Concen: 57.214 ng

RT: 3.716 min Scan# 10

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 5967

Ion Ratio Lower Upper

79 100

52 99.0 71.0 106.4

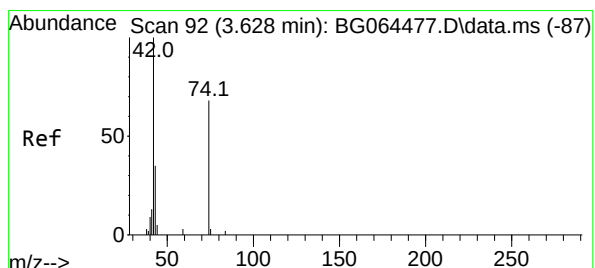
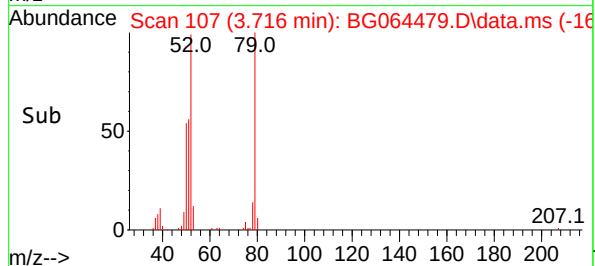
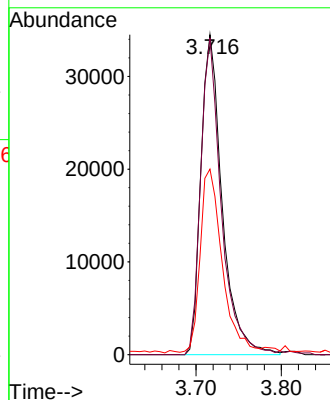
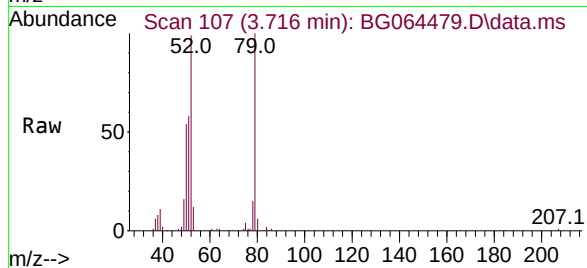
51 58.0 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#4

n-Nitrosodimethylamine

Concen: 60.722 ng

RT: 3.634 min Scan# 93

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

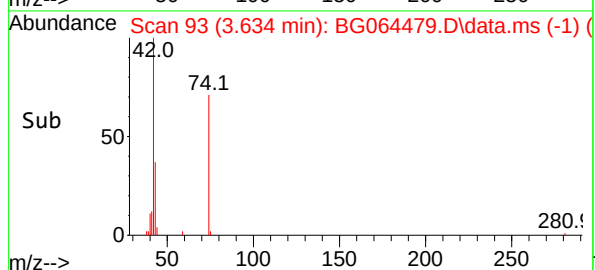
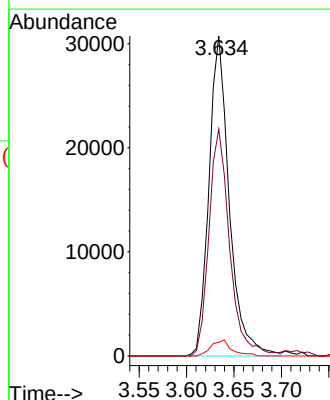
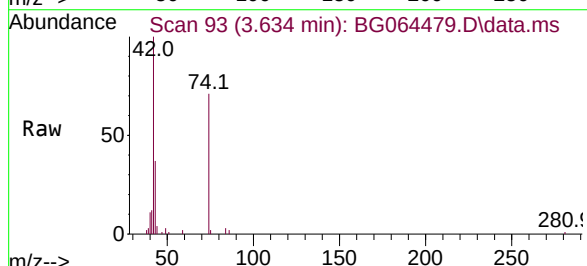
Tgt Ion: 42 Resp: 45910

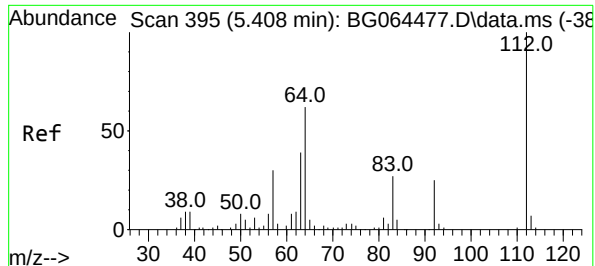
Ion Ratio Lower Upper

42 100

74 70.9 54.2 81.4

44 4.3 4.2 6.2





#5

2-Fluorophenol

Concen: 123.037 ng

RT: 5.414 min Scan# 395

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:112 Resp: 12071

Ion Ratio Lower Upper

112 100

64 57.3 49.8 74.8

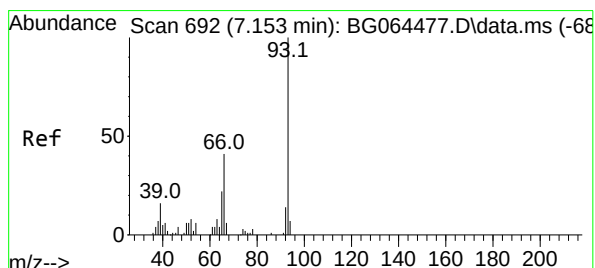
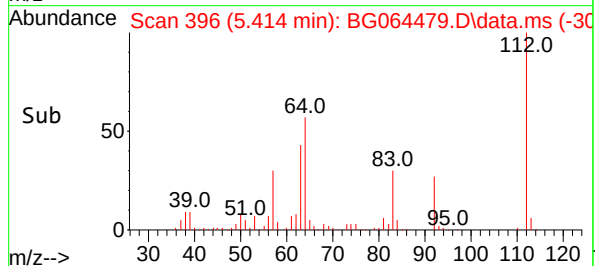
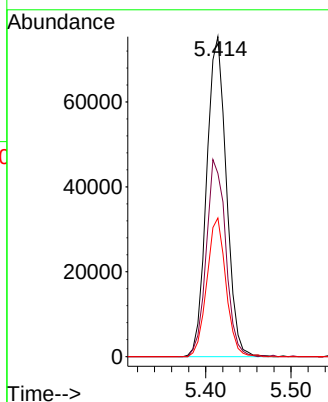
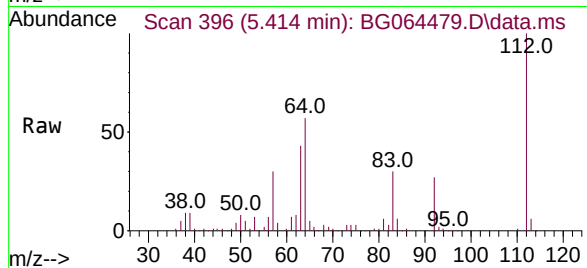
63 43.4 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#6

Aniline

Concen: 59.718 ng

RT: 7.153 min Scan# 692

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

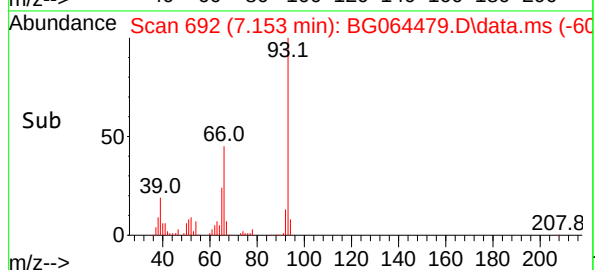
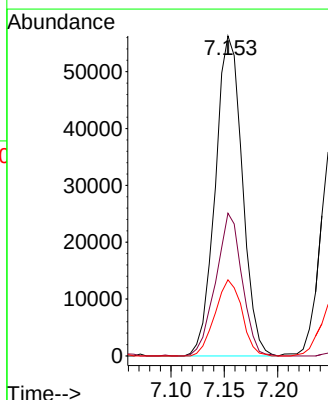
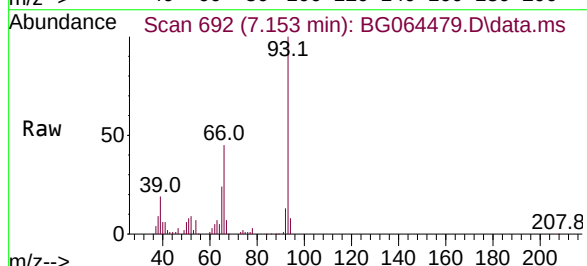
Tgt Ion: 93 Resp: 99315

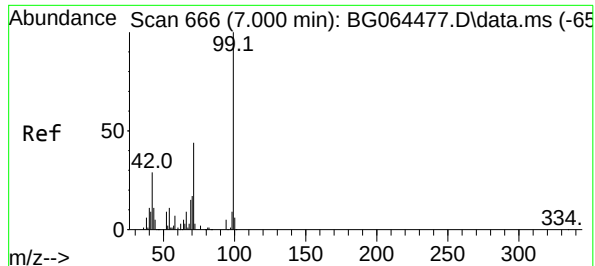
Ion Ratio Lower Upper

93 100

66 44.6 33.0 49.4

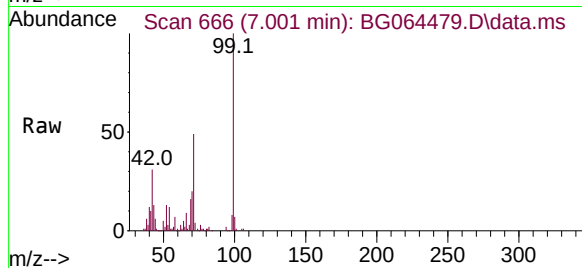
65 23.8 17.5 26.3





#7  
Phenol-d6  
Concen: 123.636 ng  
RT: 7.001 min Scan# 666  
Delta R.T. 0.014 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

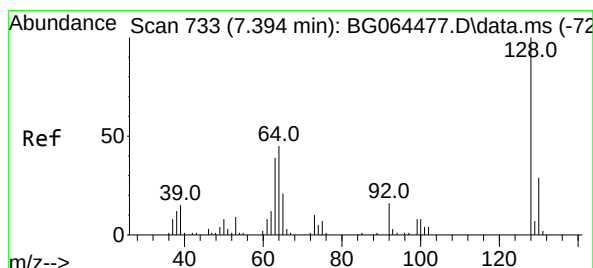
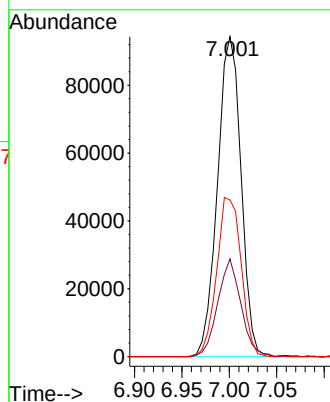
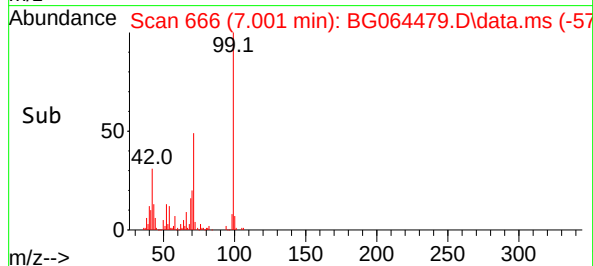
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



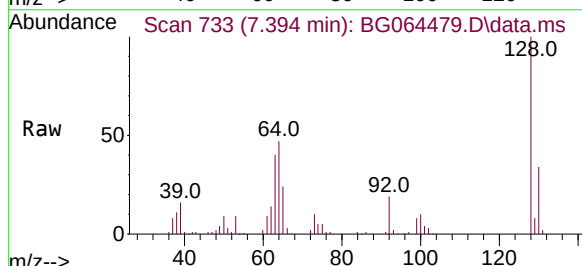
Tgt Ion: 99 Resp: 163006  
Ion Ratio Lower Upper  
99 100  
42 30.5 22.9 34.3  
71 49.0 35.4 53.2

Manual Integrations  
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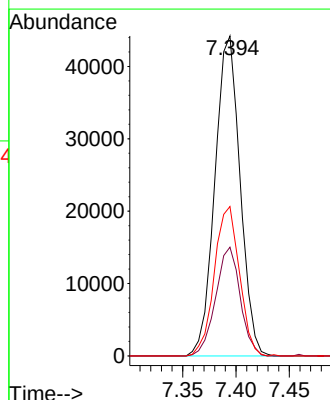
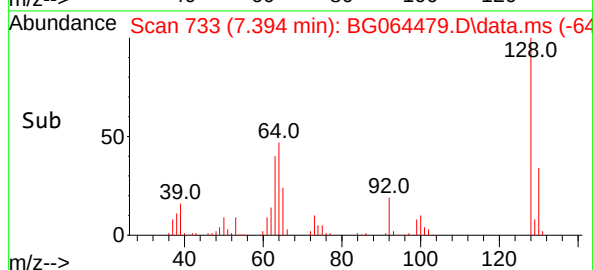
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

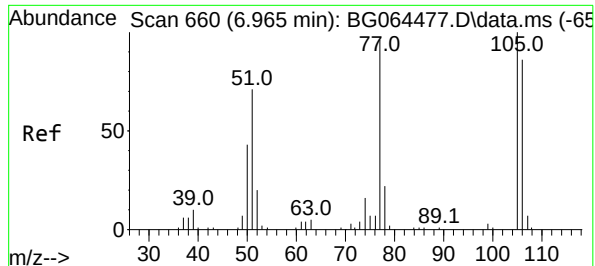


#8  
2-Chlorophenol  
Concen: 60.397 ng  
RT: 7.394 min Scan# 733  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



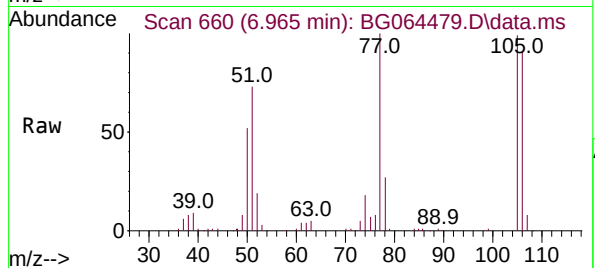
Tgt Ion:128 Resp: 72763  
Ion Ratio Lower Upper  
128 100  
130 34.0 9.2 49.2  
64 46.7 25.5 65.5





#9  
Benzaldehyde  
Concen: 72.070 ng  
RT: 6.965 min Scan# 60  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

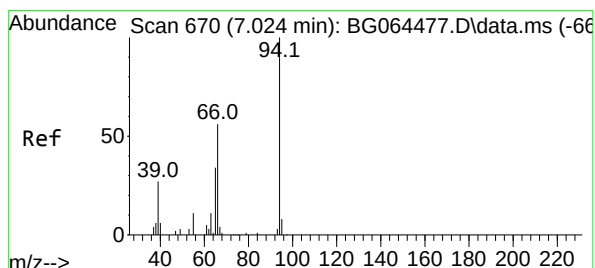
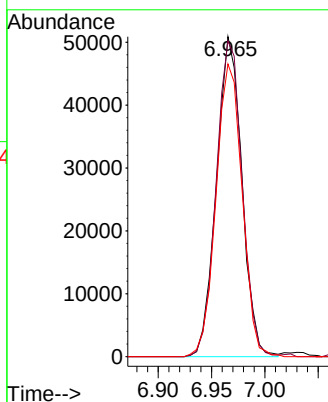
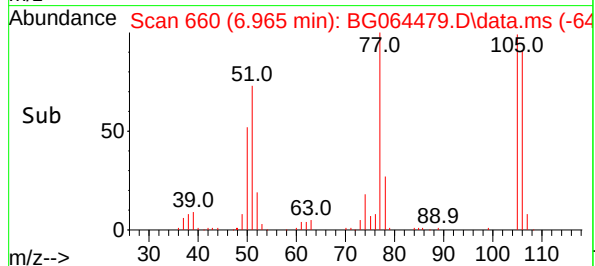
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 77 Resp: 84348  
Ion Ratio Lower Upper  
77 100  
105 98.6 83.7 123.7  
106 91.4 69.4 109.4

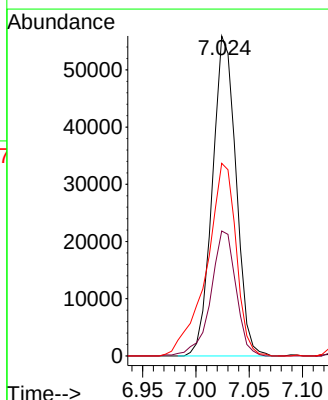
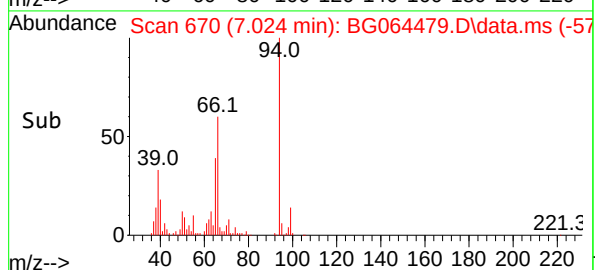
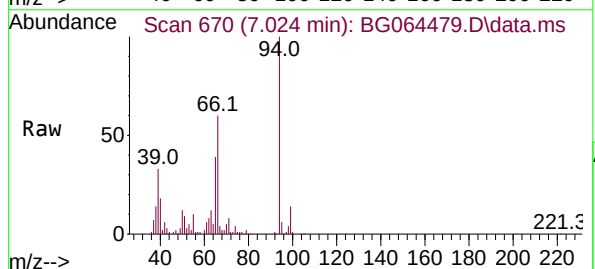
Manual Integrations  
APPROVED

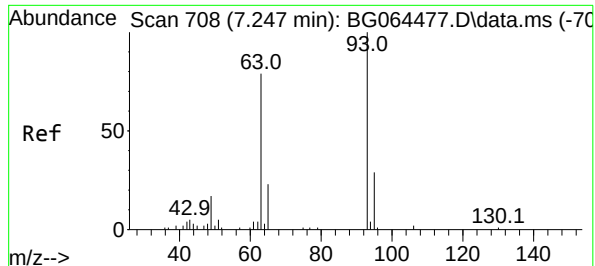
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#10  
Phenol  
Concen: 61.981 ng  
RT: 7.024 min Scan# 670  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion: 94 Resp: 86206  
Ion Ratio Lower Upper  
94 100  
65 39.0 14.8 54.8  
66 60.2 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 61.560 ng

RT: 7.253 min Scan# 708

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

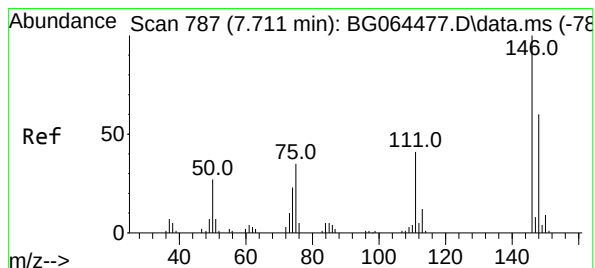
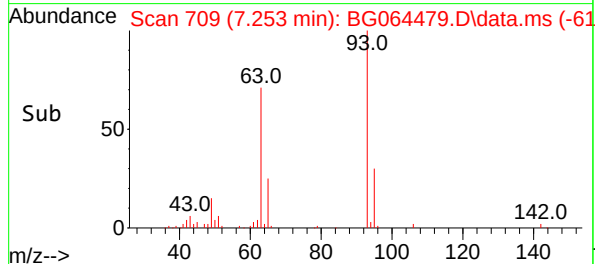
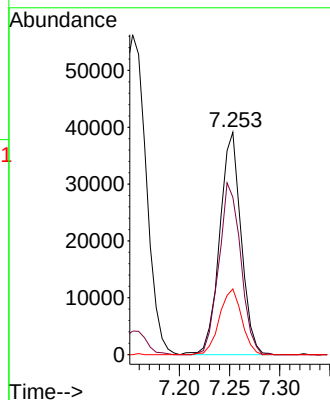
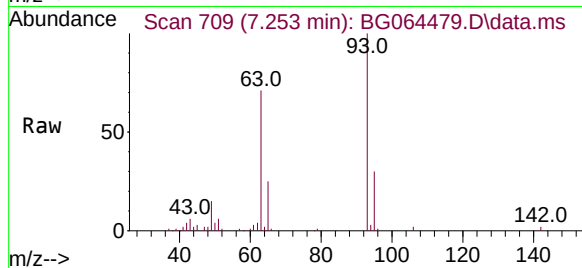
SSTDICC060

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 57983 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 70.8  | 59.5  | 99.5  |
| 95       | 29.6  | 8.8   | 48.8  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 58.613 ng

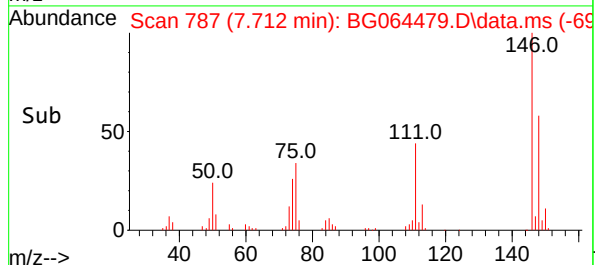
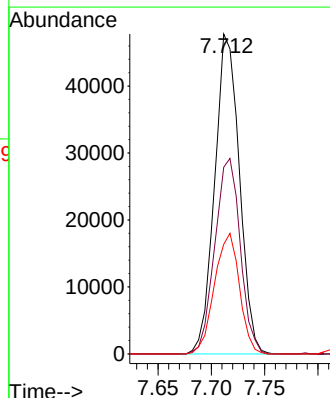
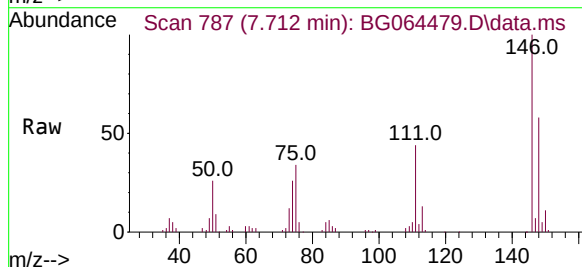
RT: 7.712 min Scan# 787

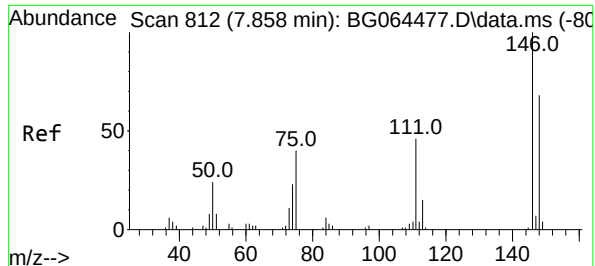
Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 77246 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 58.3  | 48.4  | 72.6  |
| 75       | 34.2  | 28.3  | 42.5  |





#13

1,4-Dichlorobenzene

Concen: 58.502 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 77379

Ion Ratio Lower Upper

146 100

148 67.0 54.4 81.6

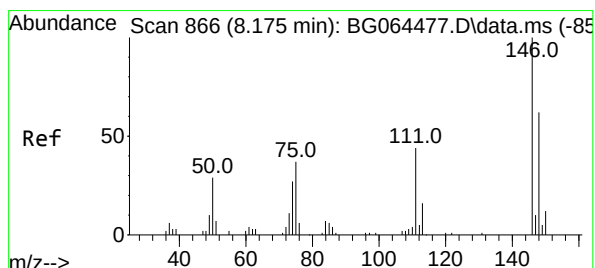
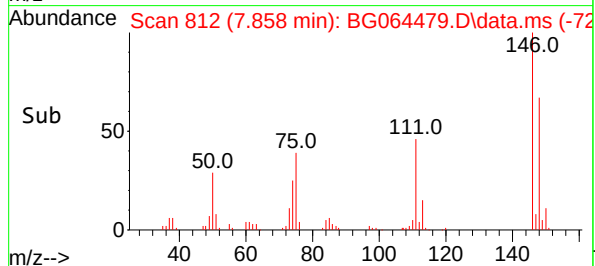
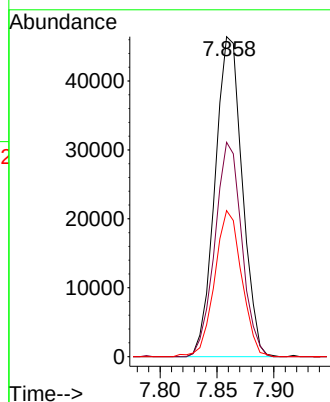
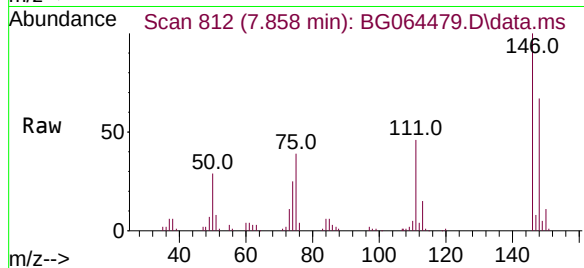
111 45.6 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 58.463 ng

RT: 8.176 min Scan# 866

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

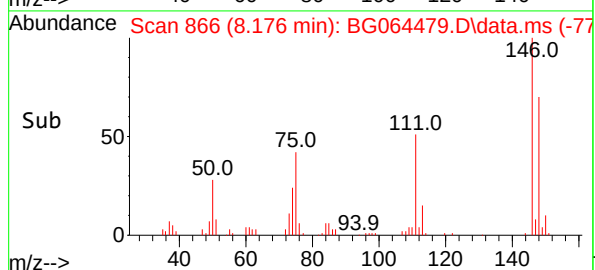
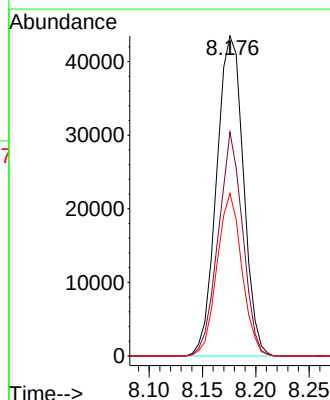
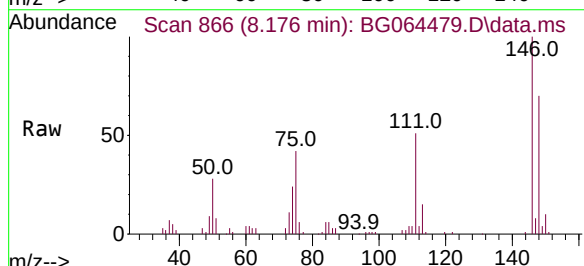
Tgt Ion:146 Resp: 76212

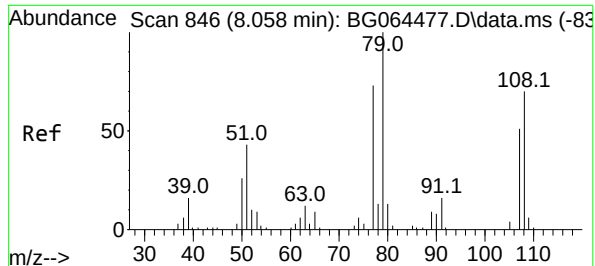
Ion Ratio Lower Upper

146 100

148 69.9 50.0 75.0

111 50.8 35.0 52.4





#15

Benzyl Alcohol

Concen: 62.783 ng

RT: 8.064 min Scan# 846

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 76230

Ion Ratio Lower Upper

79 100

108 65.9 56.4 84.6

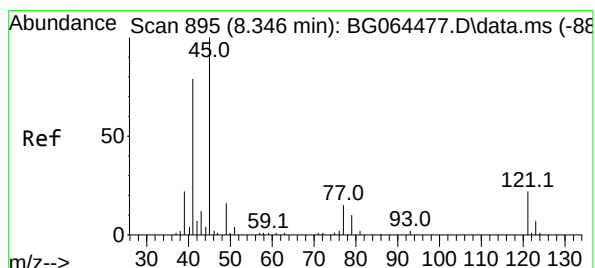
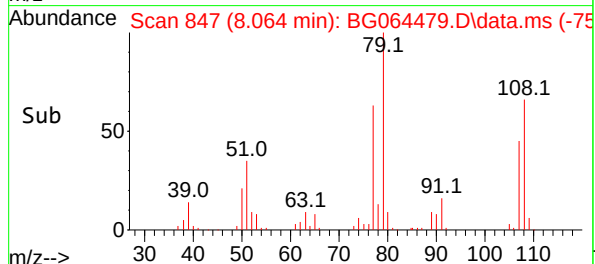
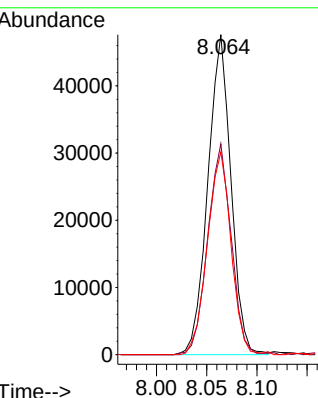
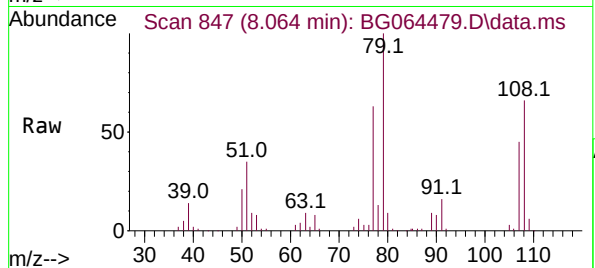
77 63.3 58.3 87.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.262 ng

RT: 8.346 min Scan# 895

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

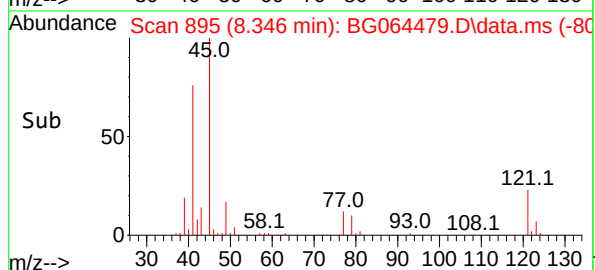
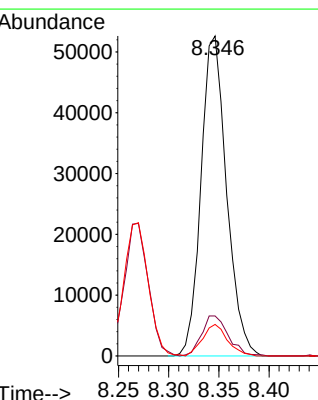
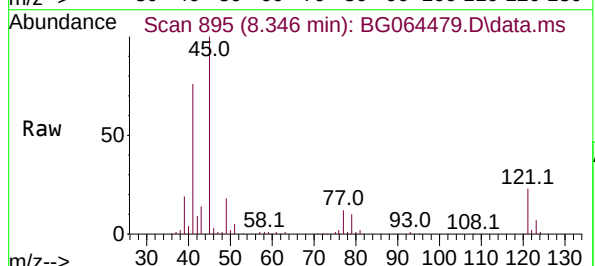
Tgt Ion: 45 Resp: 93010

Ion Ratio Lower Upper

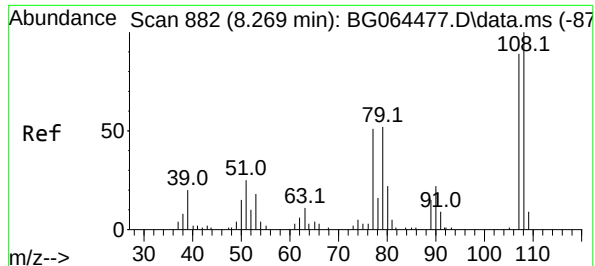
45 100

77 12.5 0.0 35.6

79 9.8 0.0 30.7







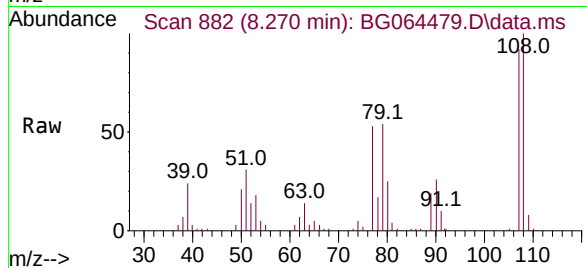
#17  
2-Methylphenol  
Concen: 61.823 ng  
RT: 8.270 min Scan# 882  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

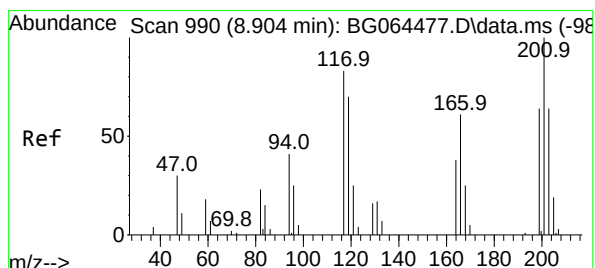
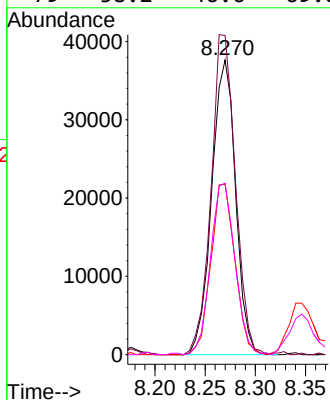
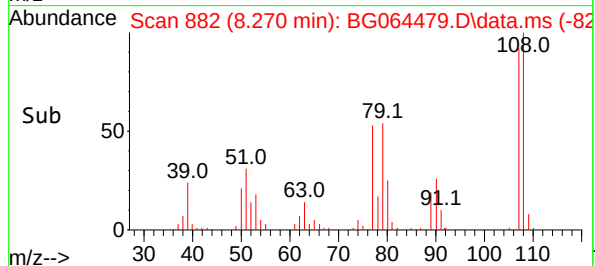


Tgt Ion:107 Resp: 62263  
Ion Ratio Lower Upper  
107 100  
108 108.3 90.3 135.5  
77 57.9 46.0 69.0  
79 58.2 46.6 69.8

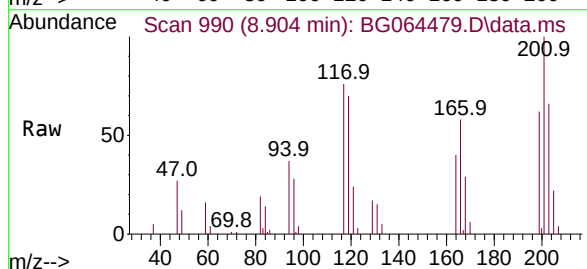
Manual Integrations

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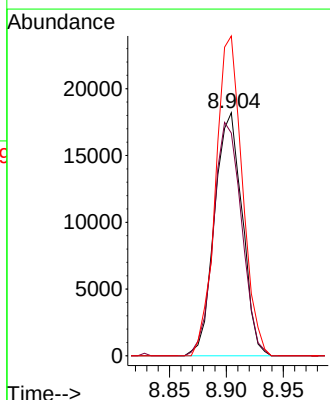
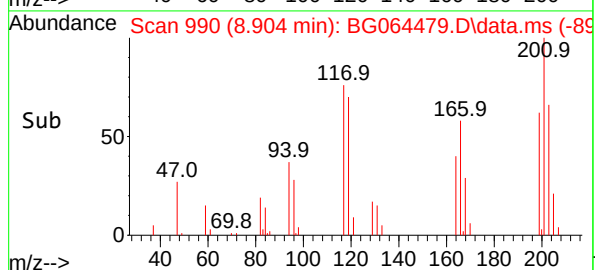
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

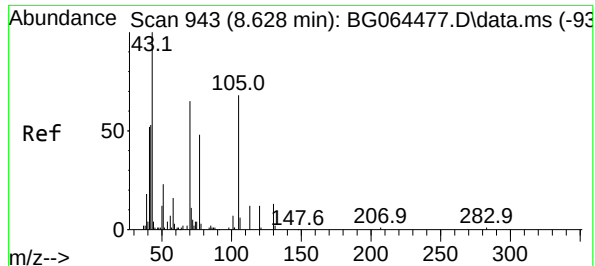


#18  
Hexachloroethane  
Concen: 59.041 ng  
RT: 8.904 min Scan# 990  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



Tgt Ion:117 Resp: 30824  
Ion Ratio Lower Upper  
117 100  
119 91.7 67.4 101.0  
201 131.7 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 64.752 ng

RT: 8.634 min Scan# 94

Delta R.T. 0.020 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 57095

Ion Ratio Lower Upper

70 100

42 81.7 64.9 97.3

101 9.8 8.7 13.1

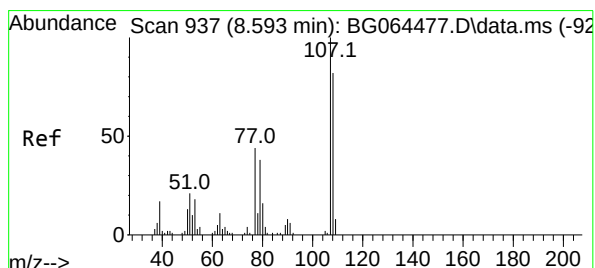
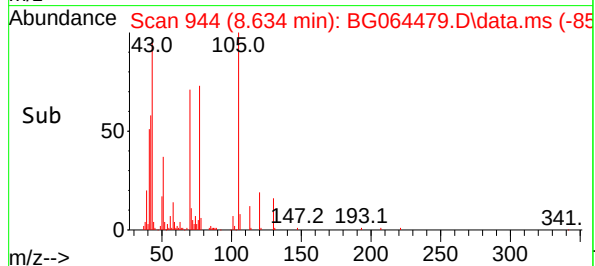
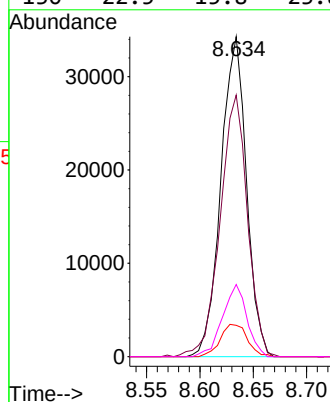
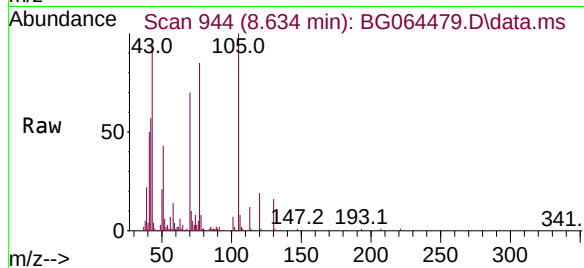
130 22.5 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 62.850 ng

RT: 8.599 min Scan# 938

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Tgt Ion:107 Resp: 88330

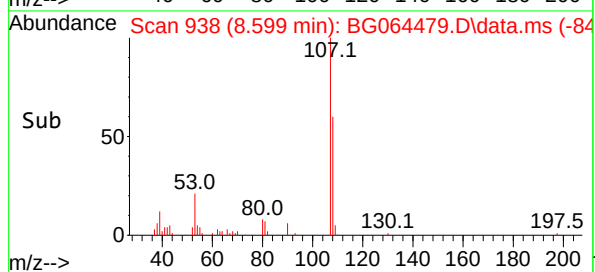
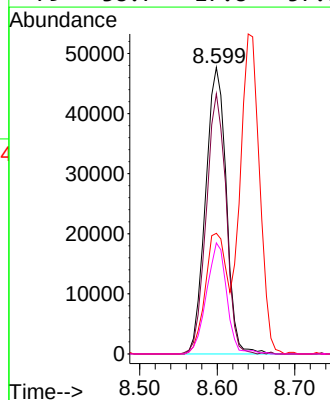
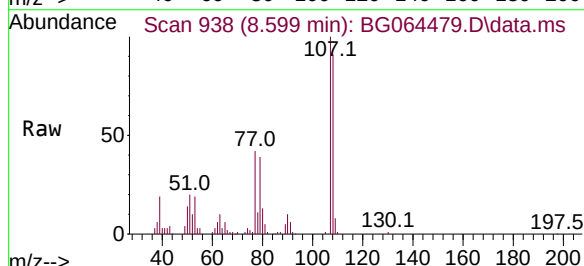
Ion Ratio Lower Upper

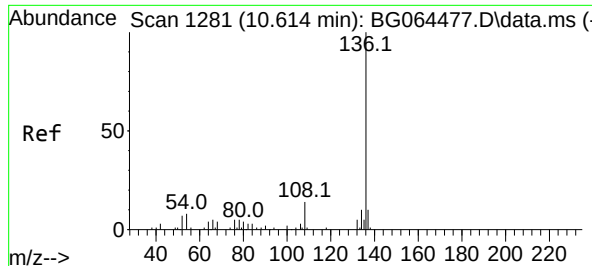
107 100

108 90.8 62.1 102.1

77 42.1 23.5 63.5

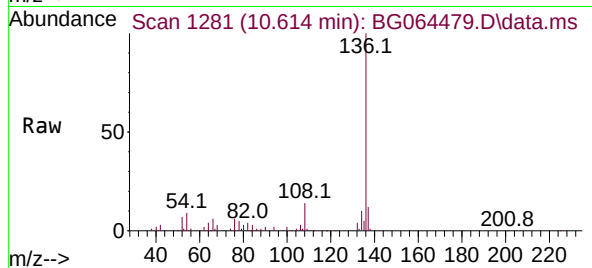
79 38.7 17.8 57.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

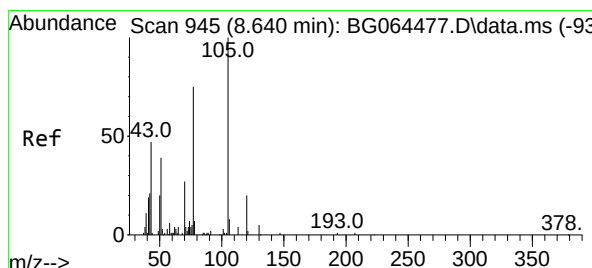
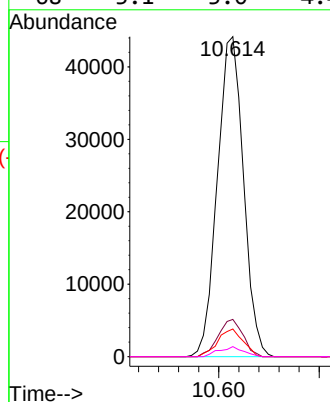
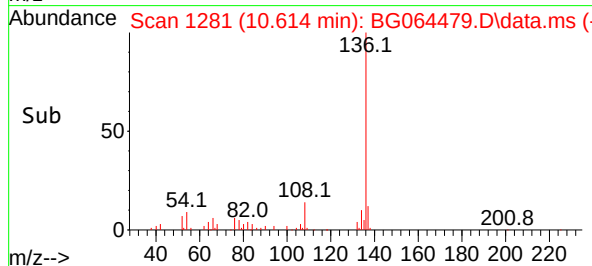
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:136 Resp: 79713  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.3 12.5  
54 8.6 6.2 9.4  
68 3.1 3.0 4.4

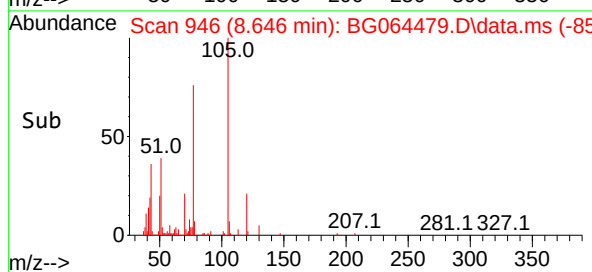
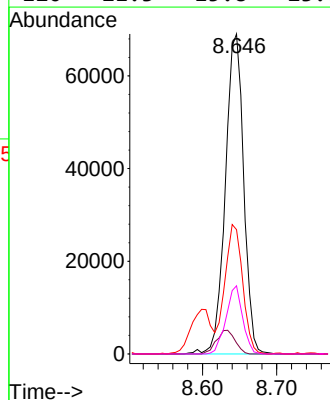
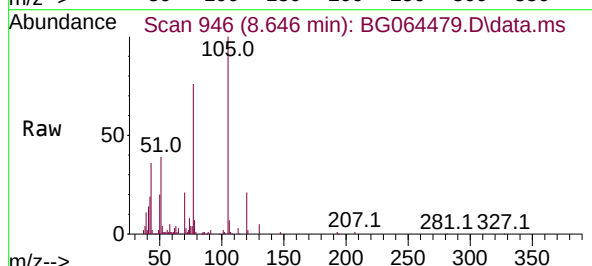
Manual Integrations  
APPROVED

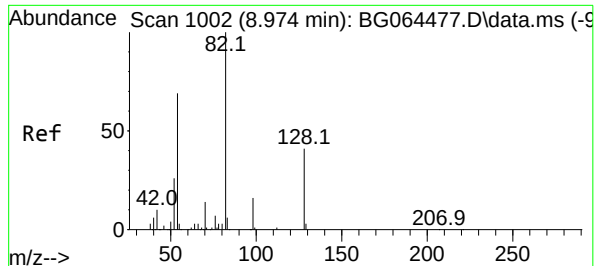
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#22  
Acetophenone  
Concen: 61.322 ng  
RT: 8.646 min Scan# 946  
Delta R.T. 0.014 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

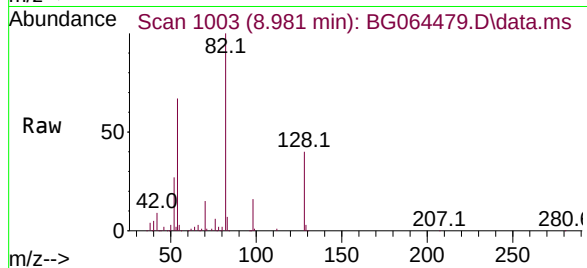
Tgt Ion:105 Resp: 118355  
Ion Ratio Lower Upper  
105 100  
71 3.5 2.8 4.2  
51 38.8 33.0 49.4  
120 21.3 15.8 23.6





#23  
Nitrobenzene-d5  
Concen: 122.779 ng  
RT: 8.981 min Scan# 1003  
Delta R.T. 0.014 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

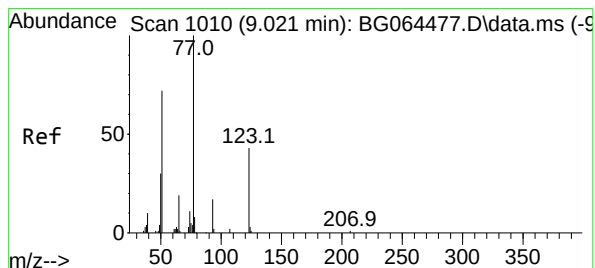
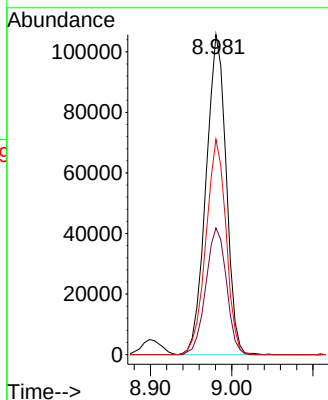
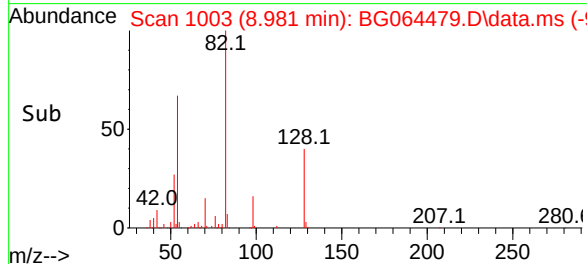
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 82 Resp: 182017  
Ion Ratio Lower Upper  
82 100  
128 39.6 33.1 49.7  
54 67.3 55.4 83.2

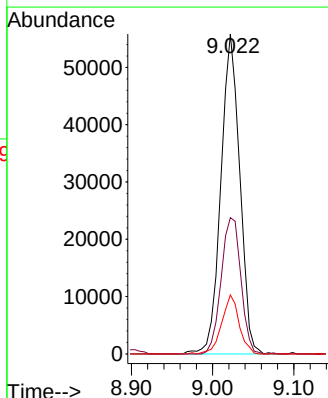
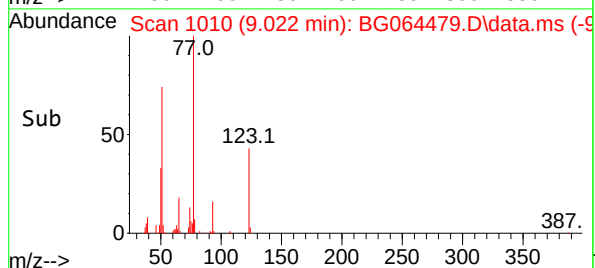
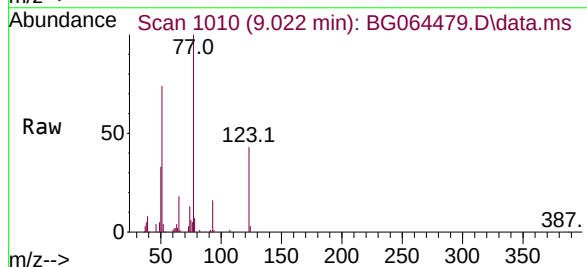
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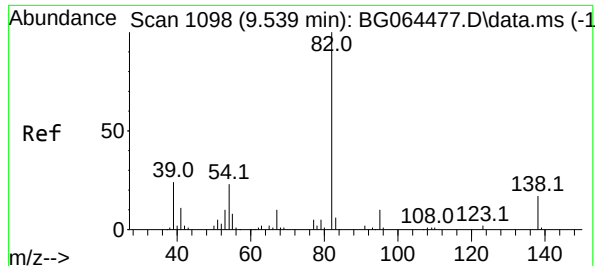
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#24  
Nitrobenzene  
Concen: 60.977 ng  
RT: 9.022 min Scan# 1010  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion: 77 Resp: 90145  
Ion Ratio Lower Upper  
77 100  
123 42.6 34.4 51.6  
65 18.4 14.8 22.2





#25

Isophorone

Concen: 61.043 ng

RT: 9.545 min Scan# 1099

Delta R.T. 0.014 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 16394

Ion Ratio Lower Upper

82 100

95 12.2 7.8 11.8

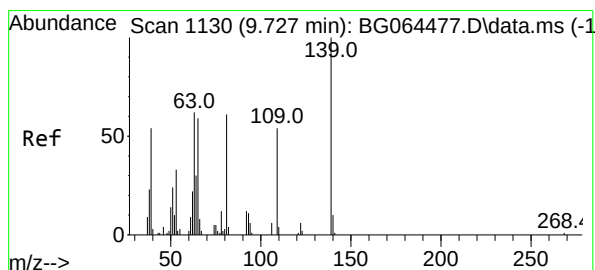
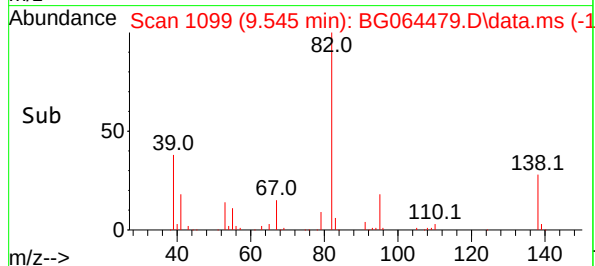
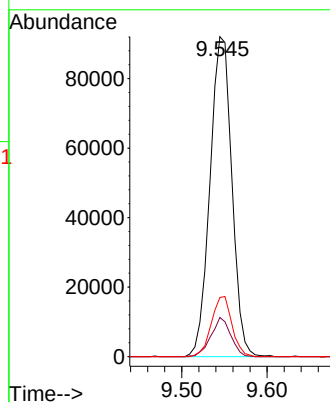
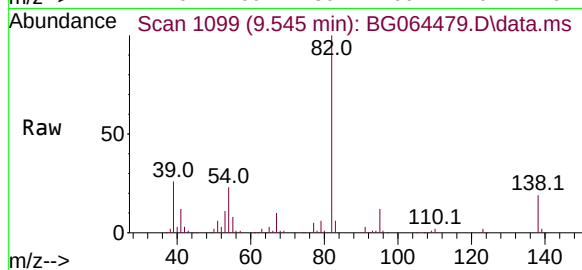
138 18.5 13.8 20.6

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 61.140 ng

RT: 9.727 min Scan# 1130

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

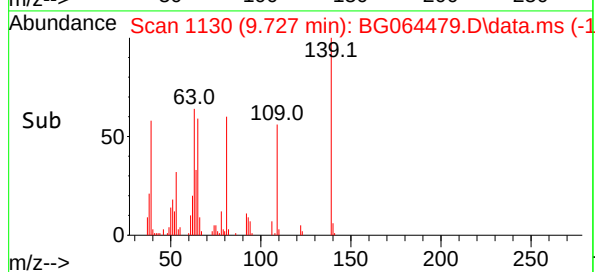
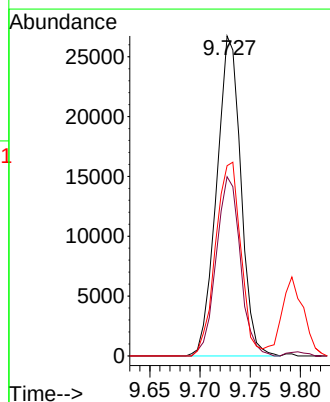
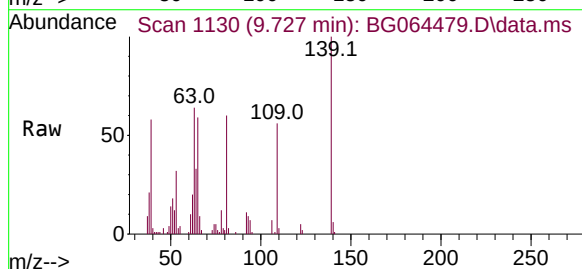
Tgt Ion:139 Resp: 44985

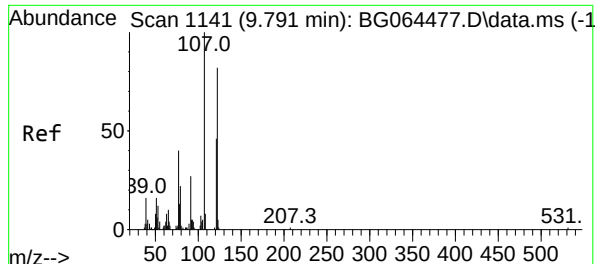
Ion Ratio Lower Upper

139 100

109 56.0 43.0 64.6

65 59.4 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 63.308 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.009 min

Lab File: BG064479.D

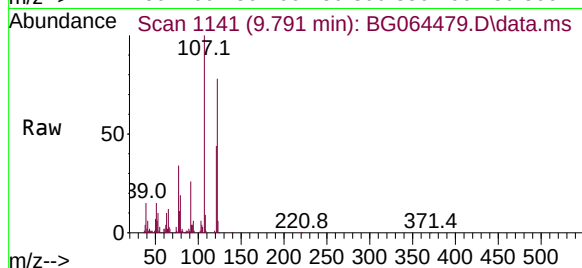
Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



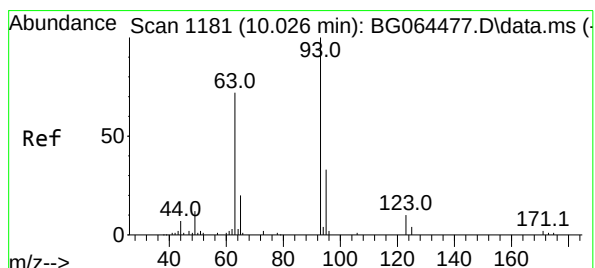
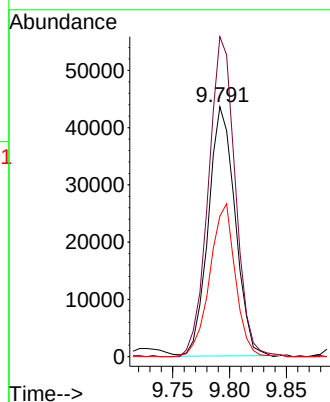
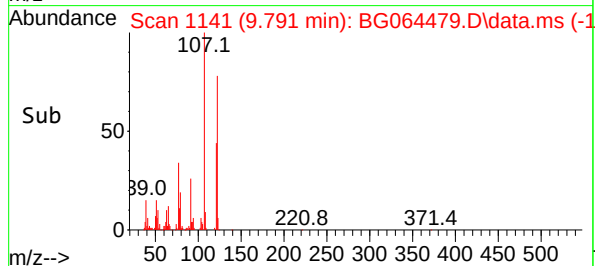
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 71145 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 128.1 | 98.3  | 147.5 |
| 121      | 56.2  | 44.7  | 67.1  |

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

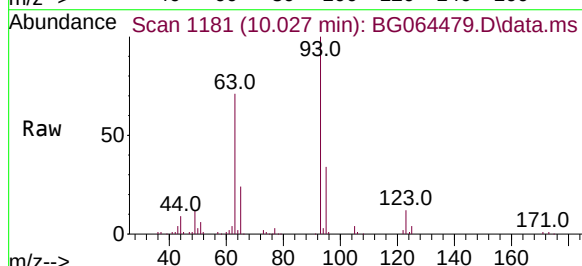
Concen: 61.433 ng

RT: 10.027 min Scan# 1181

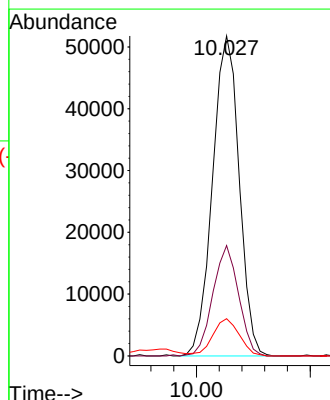
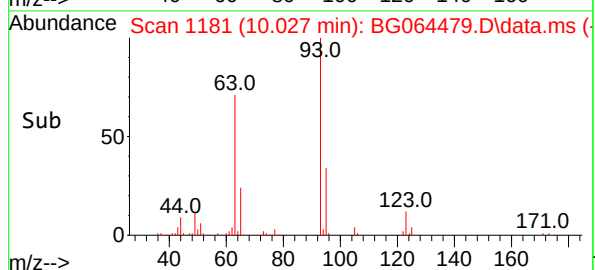
Delta R.T. 0.009 min

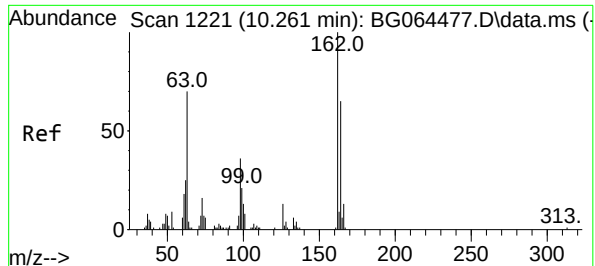
Lab File: BG064479.D

Acq: 2 Oct 2025 13:35



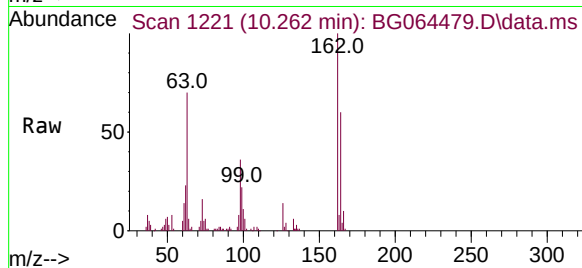
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 84101 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 34.5  | 26.5  | 39.7  |
| 123      | 11.6  | 8.9   | 13.3  |





#29  
2,4-Dichlorophenol  
Concen: 61.860 ng  
RT: 10.262 min Scan# 1221  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

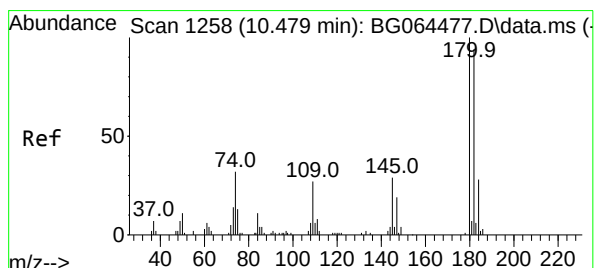
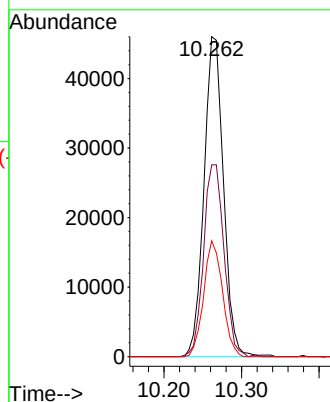
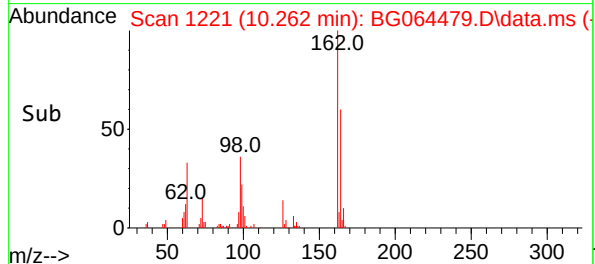
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:162 Resp: 80390  
Ion Ratio Lower Upper  
162 100  
164 59.9 45.4 85.4  
98 36.2 16.4 56.4

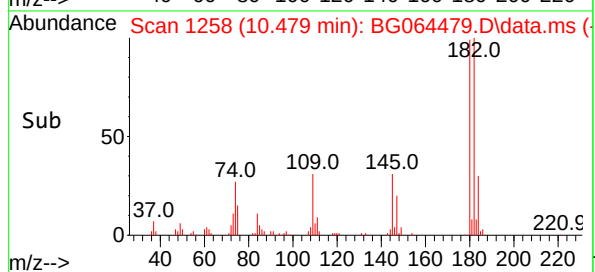
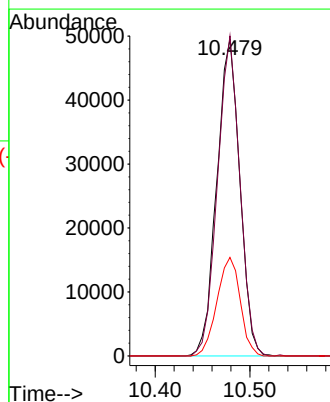
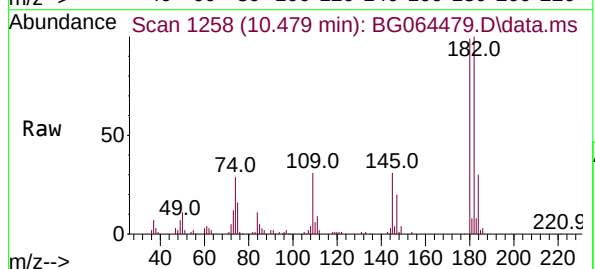
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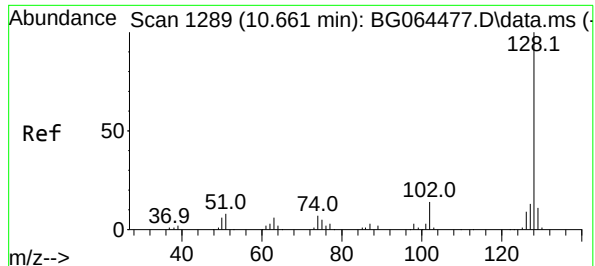
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 58.922 ng  
RT: 10.479 min Scan# 1258  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

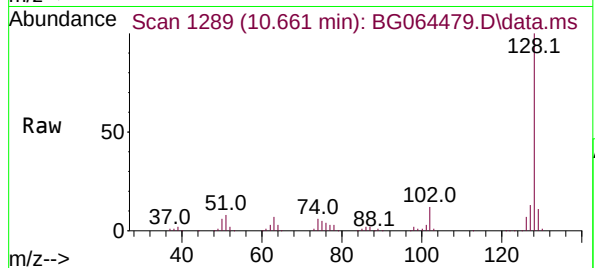
Tgt Ion:180 Resp: 83491  
Ion Ratio Lower Upper  
180 100  
182 101.0 75.4 113.2  
145 31.1 23.2 34.8





#31  
Naphthalene  
Concen: 60.652 ng  
RT: 10.661 min Scan# 1172  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

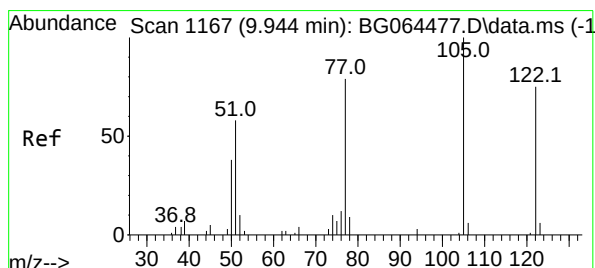
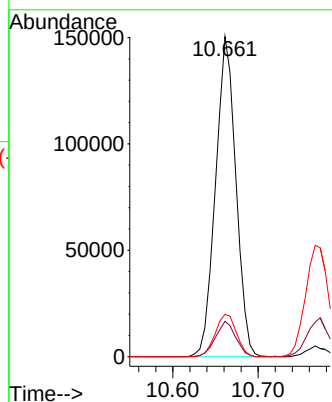
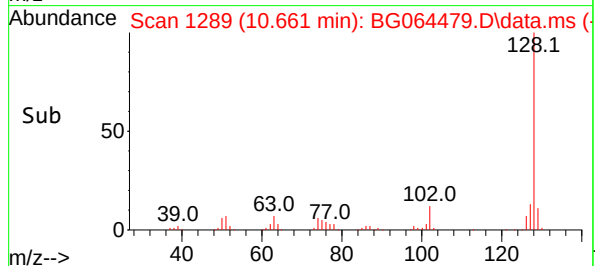
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:128 Resp: 248965  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.2 10.2 15.2

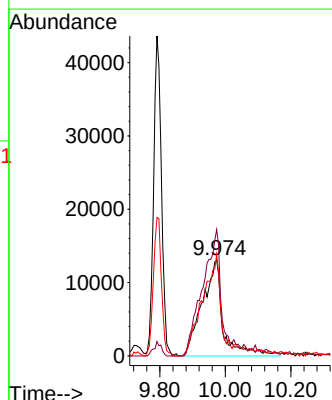
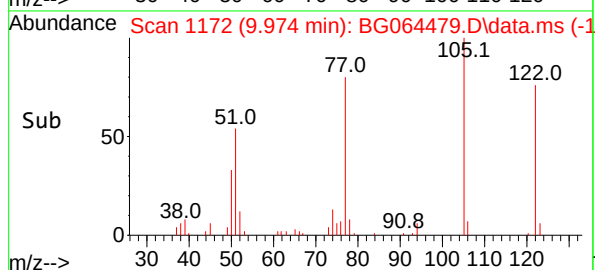
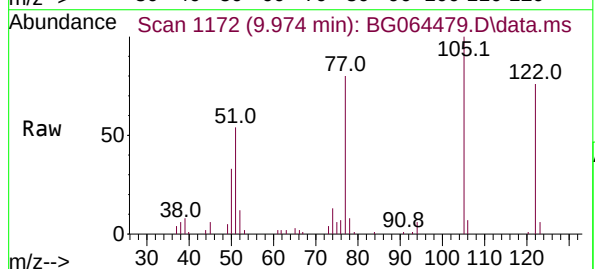
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

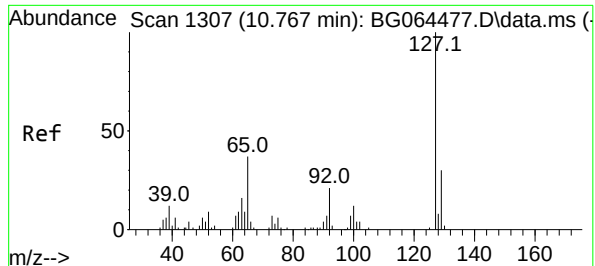


#32  
Benzoic acid  
Concen: 66.902 ng m  
RT: 9.974 min Scan# 1172  
Delta R.T. 0.085 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion:122 Resp: 57724  
Ion Ratio Lower Upper  
122 100  
105 132.1 113.9 153.9  
77 106.1 86.1 126.1

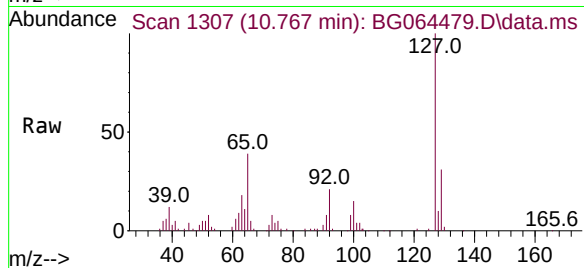






#33  
4-Chloroaniline  
Concen: 61.625 ng  
RT: 10.767 min Scan# 1307  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

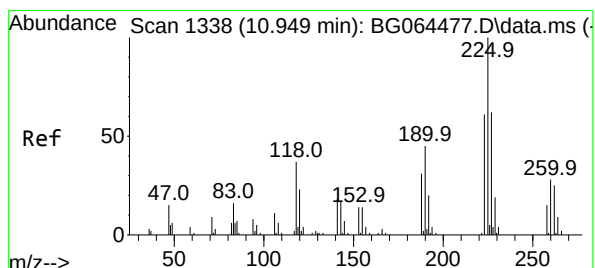
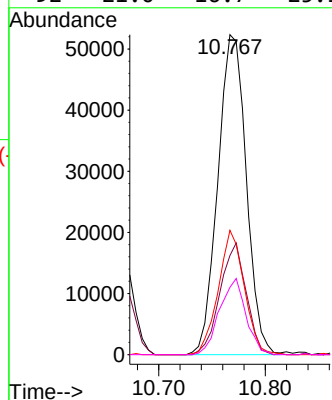
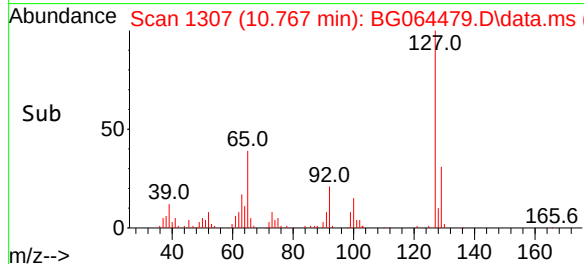
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



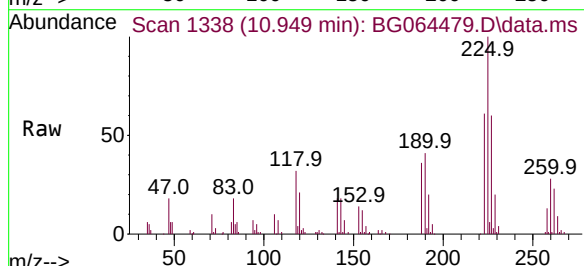
Tgt Ion:127 Resp: 97069  
Ion Ratio Lower Upper  
127 100  
129 31.0 24.2 36.4  
65 38.8 29.6 44.4  
92 21.0 16.7 25.1

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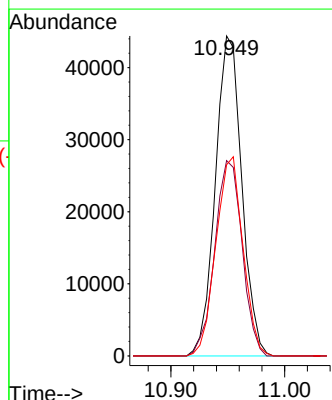
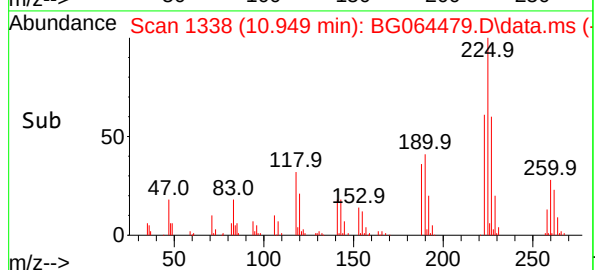
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

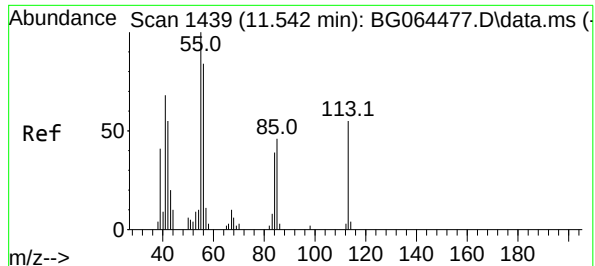


#34  
Hexachlorobutadiene  
Concen: 59.141 ng  
RT: 10.949 min Scan# 1338  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



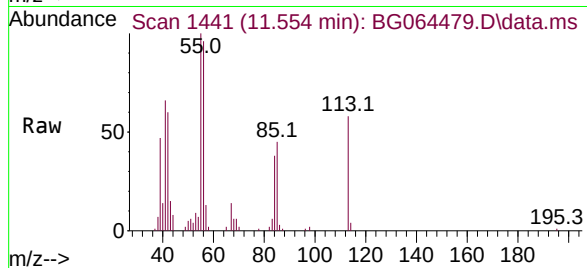
Tgt Ion:225 Resp: 71767  
Ion Ratio Lower Upper  
225 100  
223 61.0 49.0 73.6  
227 59.7 49.9 74.9





#35  
Caprolactam  
Concen: 59.294 ng  
RT: 11.554 min Scan# 1439  
Delta R.T. 0.044 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

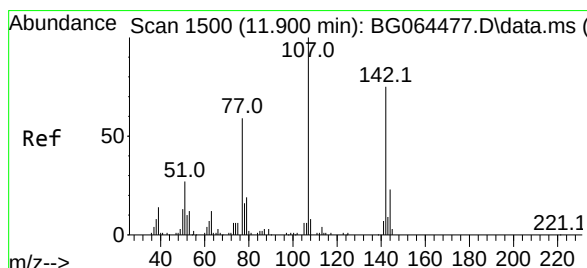
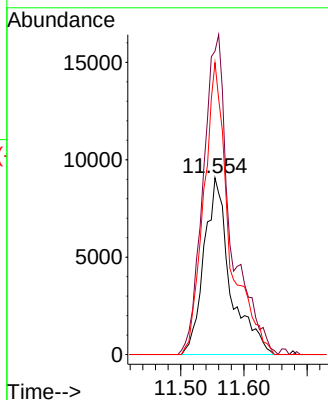
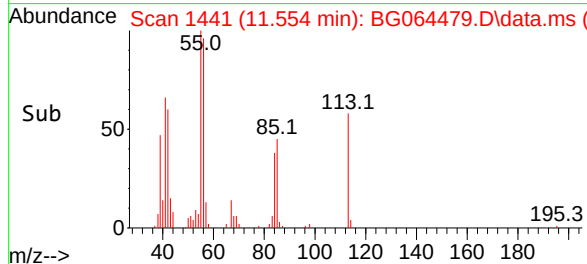
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:113 Resp: 26379  
Ion Ratio Lower Upper  
113 100  
55 171.8 162.0 202.0  
56 165.2 134.6 174.6

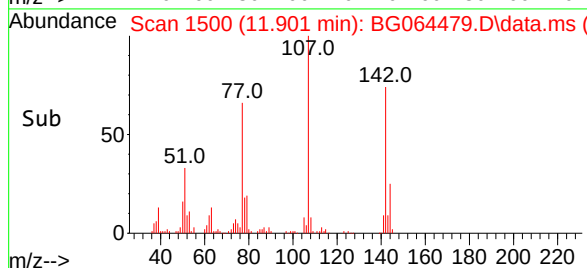
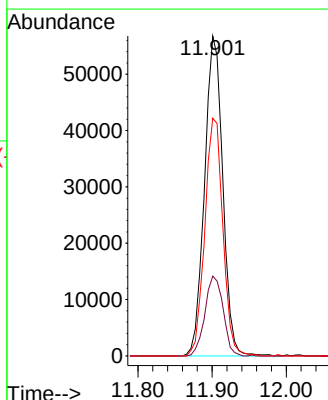
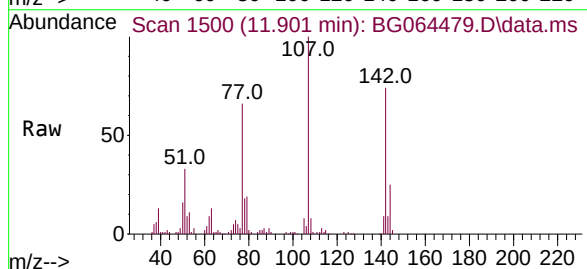
Manual Integrations  
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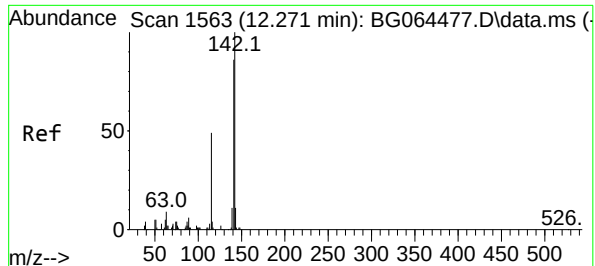
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#36  
4-Chloro-3-methylphenol  
Concen: 61.261 ng  
RT: 11.901 min Scan# 1500  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

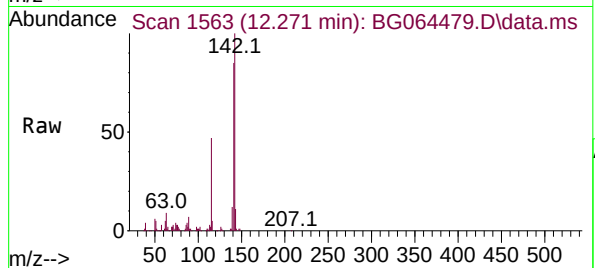
Tgt Ion:107 Resp: 96815  
Ion Ratio Lower Upper  
107 100  
144 24.9 18.7 28.1  
142 74.3 60.2 90.2





#37  
2-Methylnaphthalene  
Concen: 60.616 ng  
RT: 12.271 min Scan# 1563  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

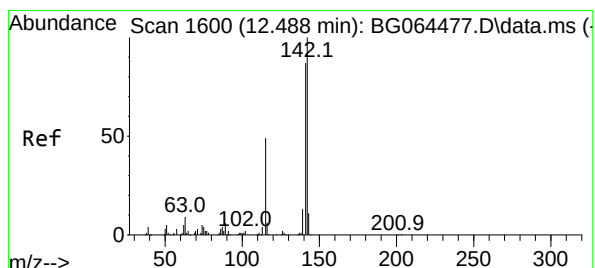
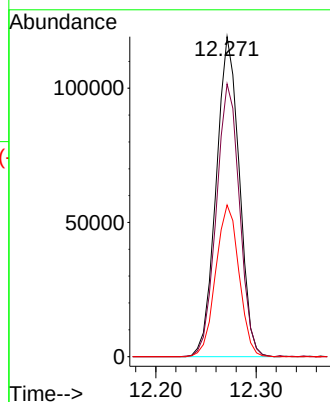
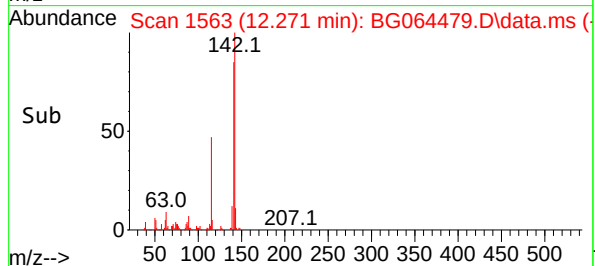
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:142 Resp: 190996  
Ion Ratio Lower Upper  
142 100  
141 85.2 68.7 103.1  
115 47.4 39.3 58.9

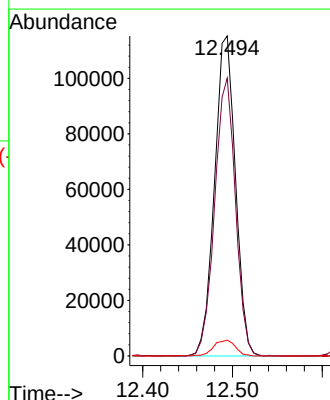
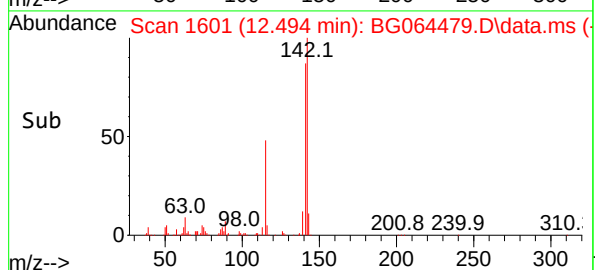
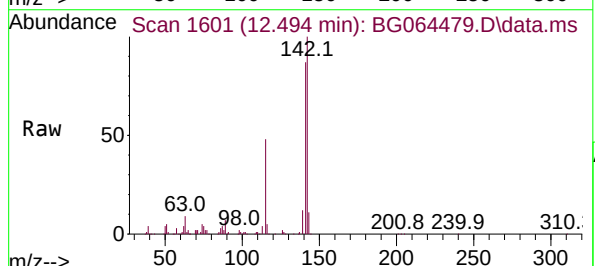
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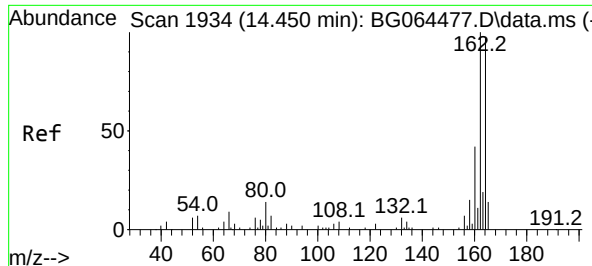
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#38  
1-Methylnaphthalene  
Concen: 59.679 ng  
RT: 12.494 min Scan# 1601  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

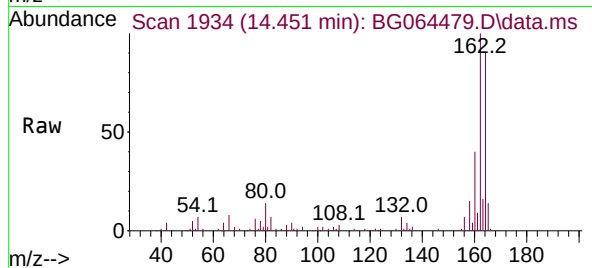
Tgt Ion:142 Resp: 187504  
Ion Ratio Lower Upper  
142 100  
141 86.8 69.8 104.8  
116 4.9 4.6 6.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1934  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

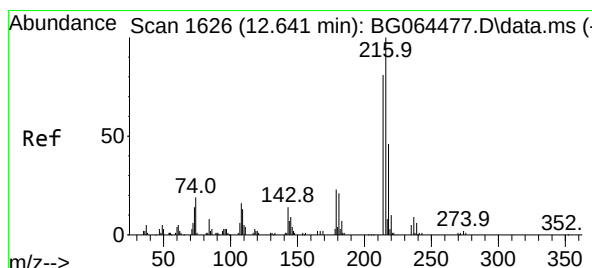
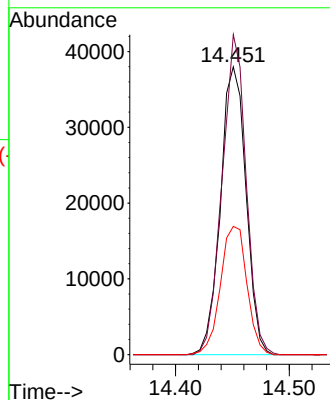
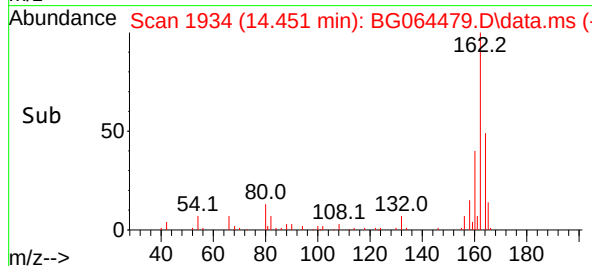
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:164 Resp: 59222  
Ion Ratio Lower Upper  
164 100  
162 111.2 82.2 123.2  
160 44.6 34.3 51.5

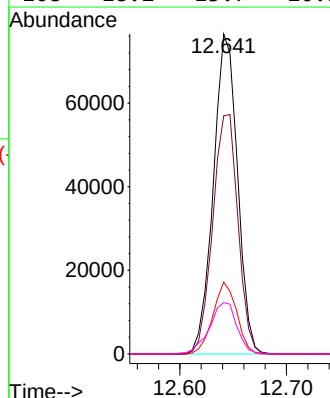
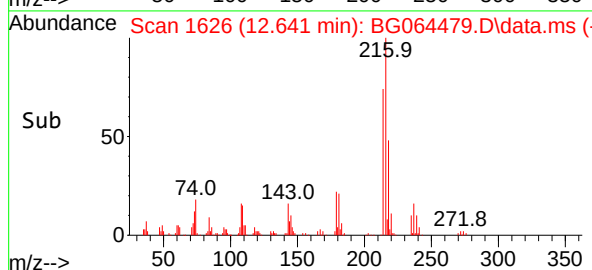
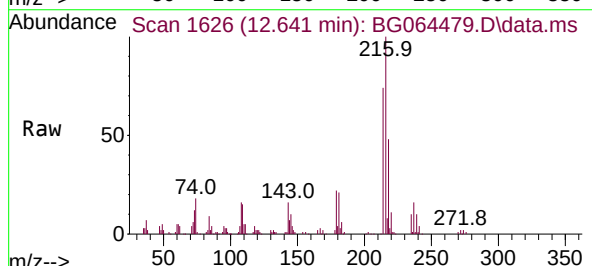
Manual Integrations  
APPROVED

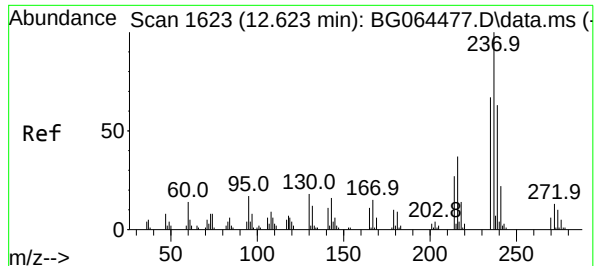
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 63.034 ng  
RT: 12.641 min Scan# 1626  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion:216 Resp: 120531  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.5 93.7  
179 22.0 17.0 25.6  
108 18.2 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 67.119 ng

RT: 12.623 min Scan# 1623

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:237 Resp: 67135

Ion Ratio Lower Upper

237 100

235 59.7 46.9 86.9

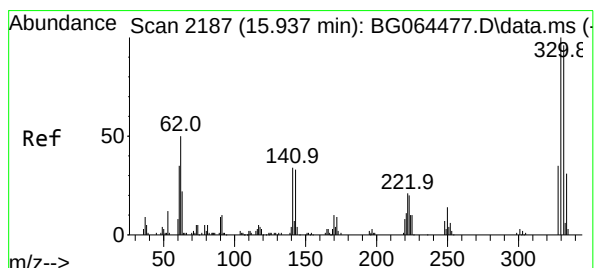
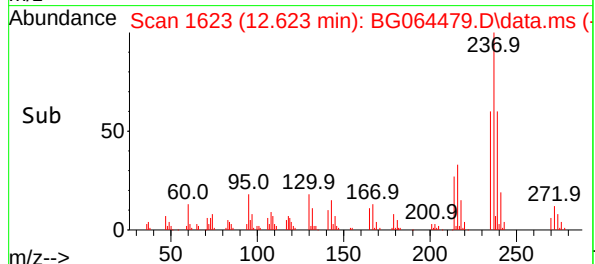
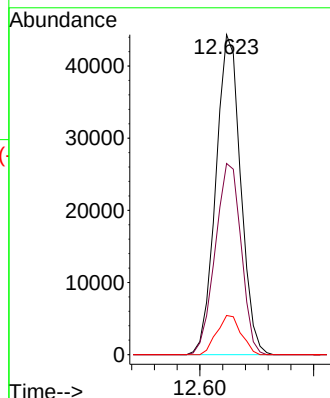
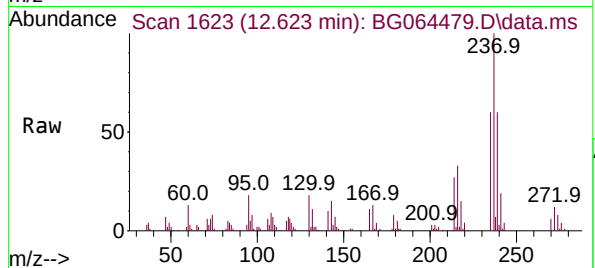
272 12.2 0.0 32.6

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#42

2,4,6-Tribromophenol

Concen: 119.659 ng

RT: 15.943 min Scan# 2188

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

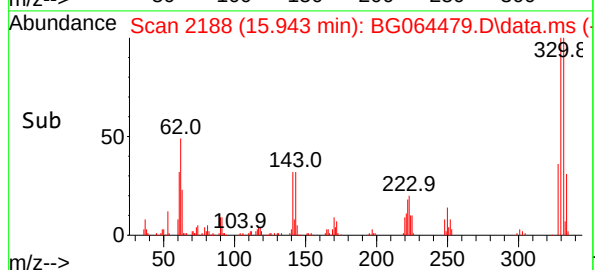
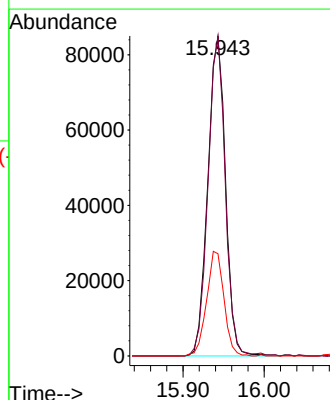
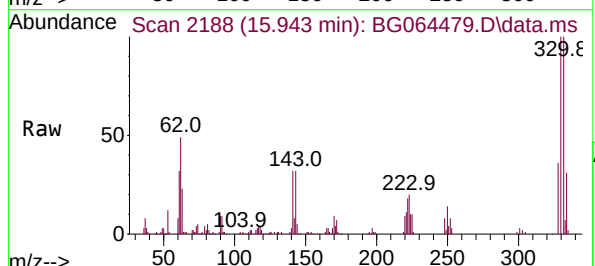
Tgt Ion:330 Resp: 128452

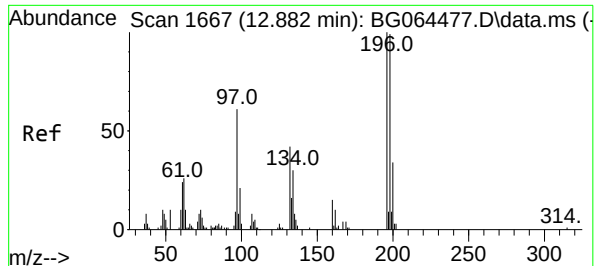
Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

141 32.1 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 63.395 ng

RT: 12.888 min Scan# 1667

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

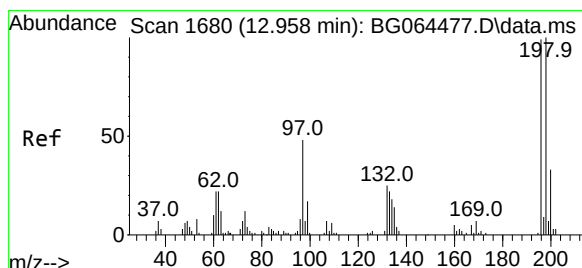
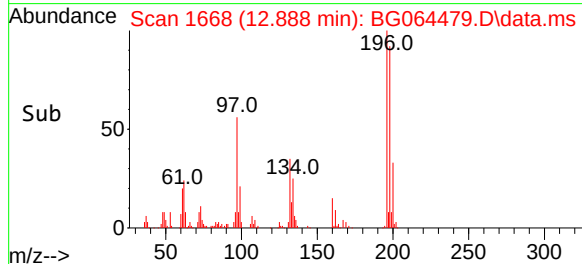
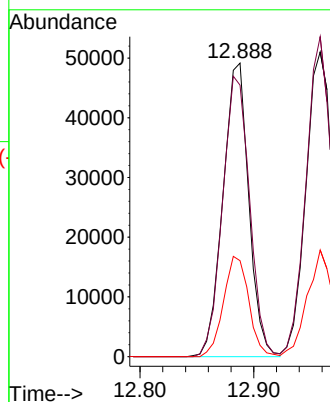
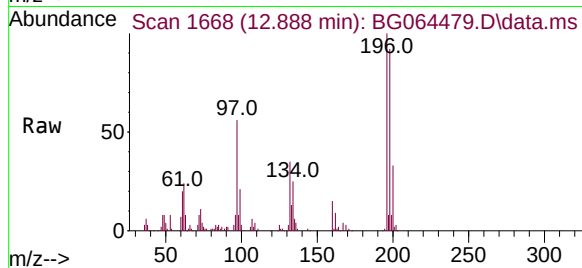
SSTDICC060

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 77492      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 92.4  | 79.3 118.9 |
| 200         | 32.7  | 27.4 41.2  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 61.556 ng

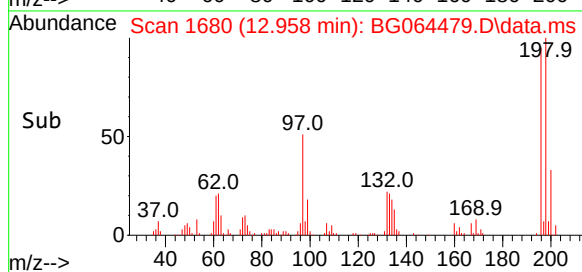
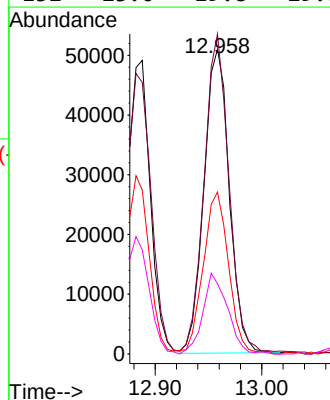
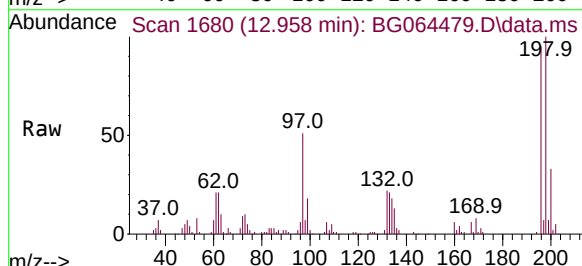
RT: 12.958 min Scan# 1680

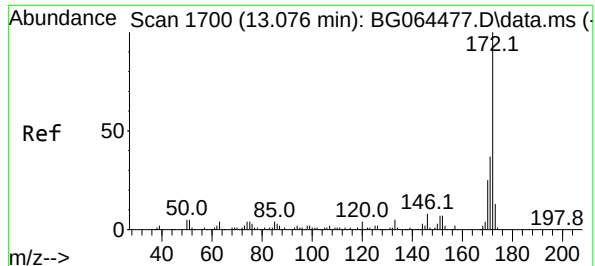
Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

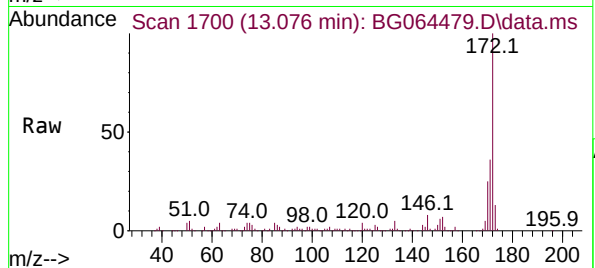
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 84004      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 105.0 | 80.3 120.5 |
| 97          | 53.1  | 39.4 59.0  |
| 132         | 23.0  | 19.8 29.8  |





#45  
2-Fluorobiphenyl  
Concen: 122.847 ng  
RT: 13.076 min Scan# 1700  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

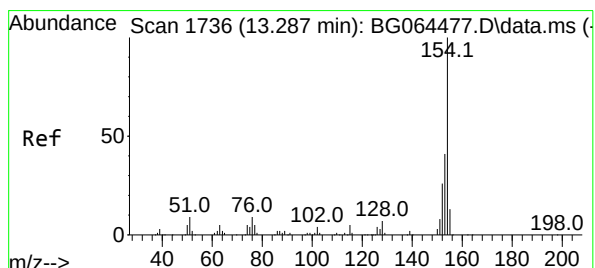
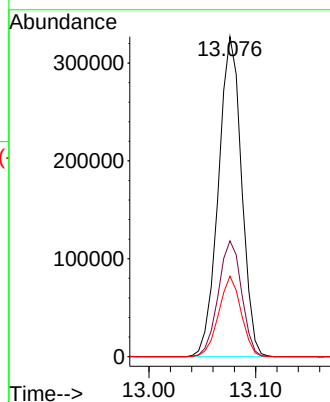
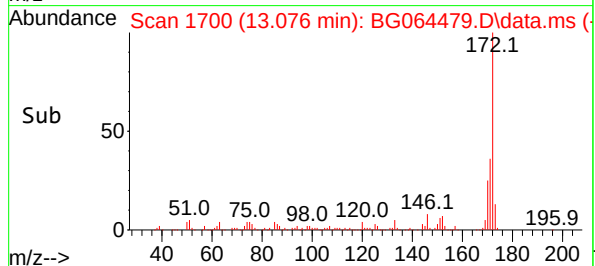
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



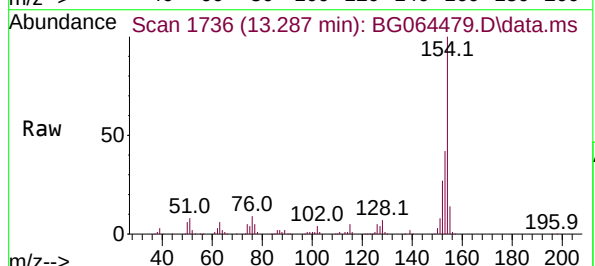
Tgt Ion:172 Resp: 493573  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.6 44.4  
170 25.1 20.2 30.2

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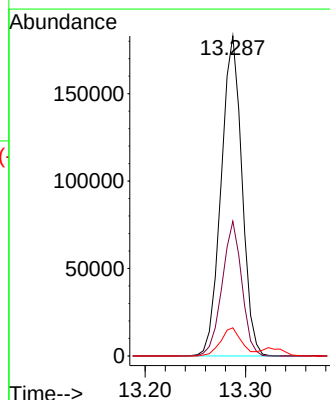
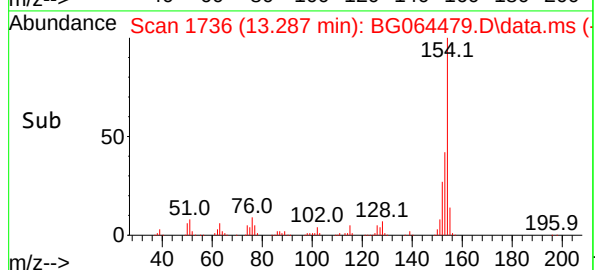
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

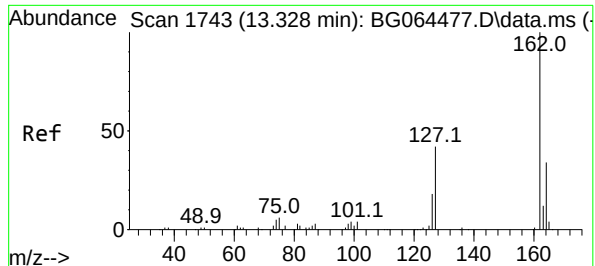


#46  
1,1'-Biphenyl  
Concen: 61.885 ng  
RT: 13.287 min Scan# 1736  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



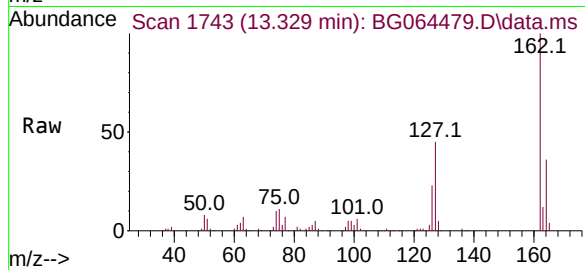
Tgt Ion:154 Resp: 263596  
Ion Ratio Lower Upper  
154 100  
153 42.1 20.7 60.7  
76 8.8 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 61.791 ng  
RT: 13.329 min Scan# 1743  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

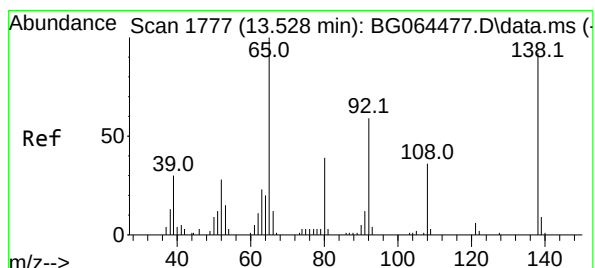
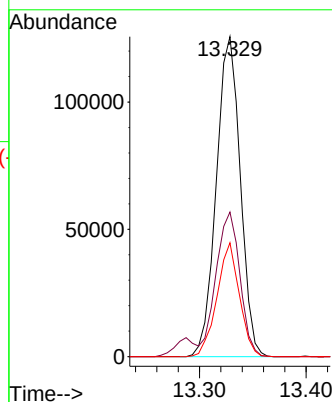
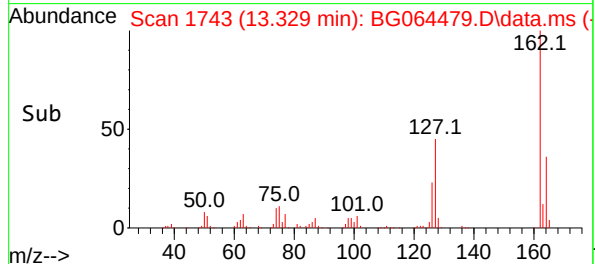
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:162 Resp: 196507  
Ion Ratio Lower Upper  
162 100  
127 45.2 35.8 53.8  
164 35.6 27.2 40.8

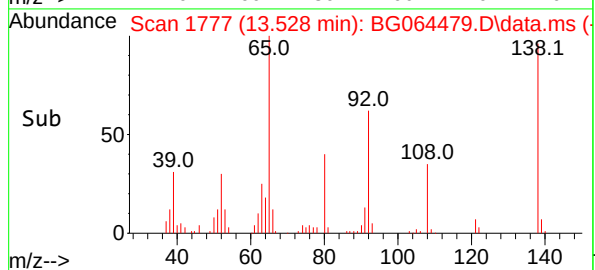
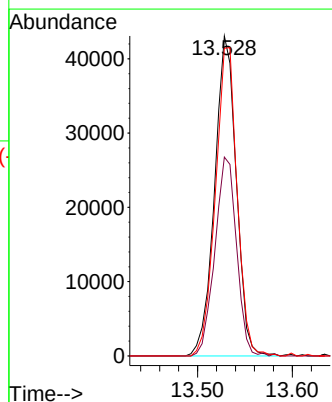
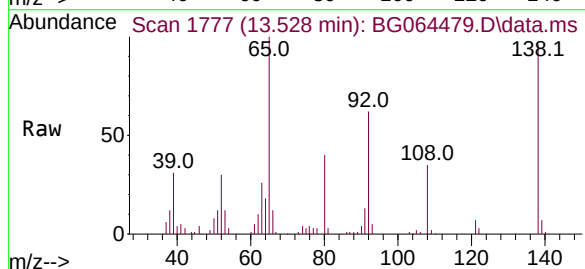
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

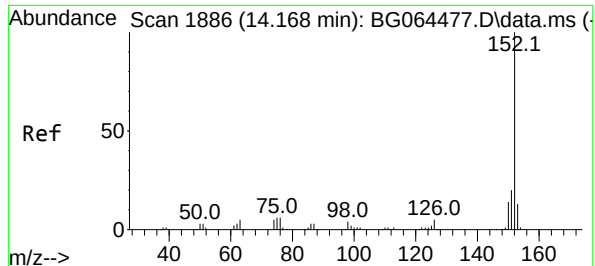


#48  
2-Nitroaniline  
Concen: 63.078 ng  
RT: 13.528 min Scan# 1777  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion: 65 Resp: 68465  
Ion Ratio Lower Upper  
65 100  
92 62.1 47.0 70.6  
138 96.1 73.5 110.3







#49

Acenaphthylene

Concen: 61.645 ng

RT: 14.175 min Scan# 1886

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 291016

Ion Ratio Lower Upper

152 100

151 21.2 15.8 23.6

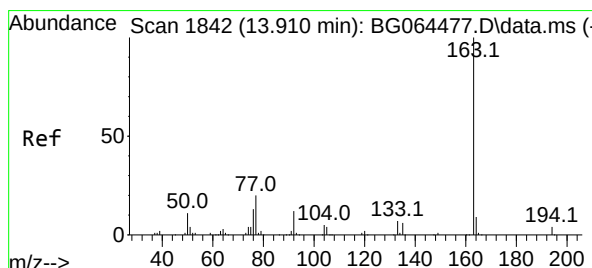
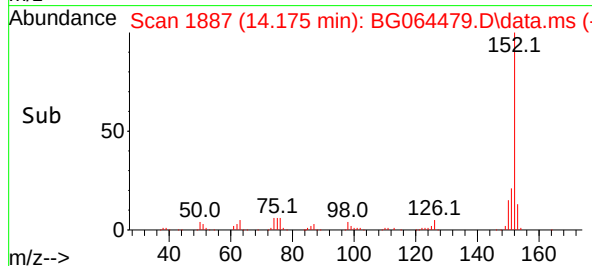
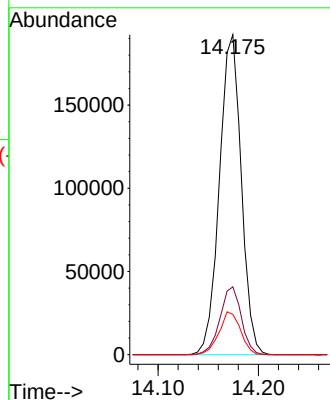
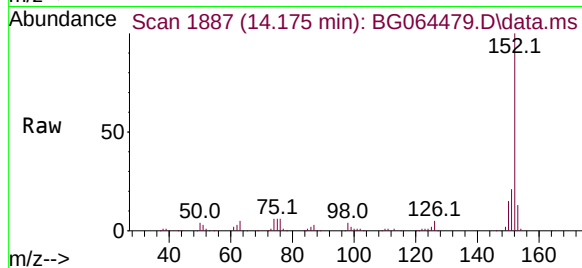
153 12.6 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 60.755 ng

RT: 13.910 min Scan# 1842

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

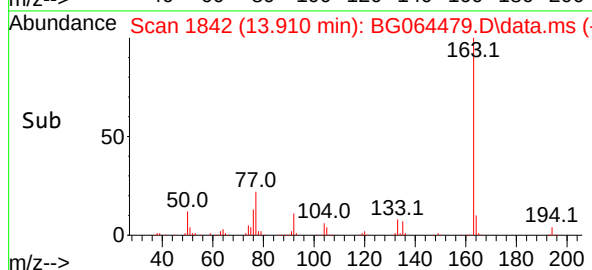
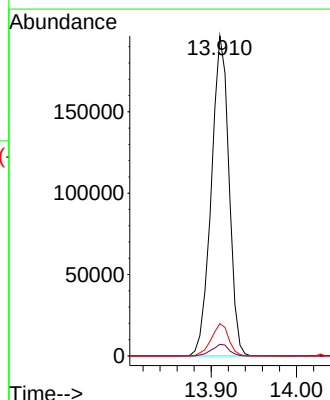
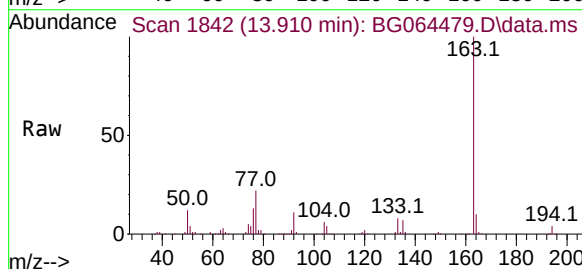
Tgt Ion:163 Resp: 281798

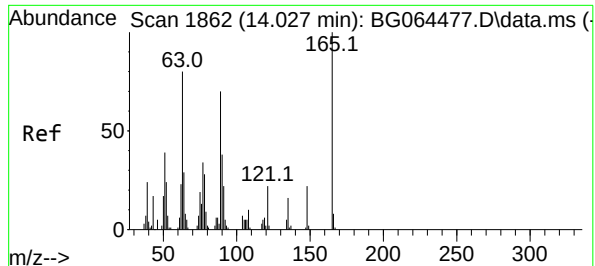
Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

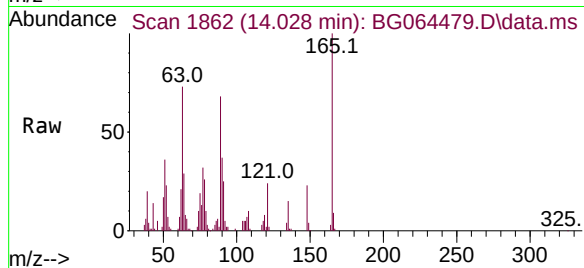
164 10.1 7.4 11.0





#51  
2,6-Dinitrotoluene  
Concen: 63.363 ng  
RT: 14.028 min Scan# 1862  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

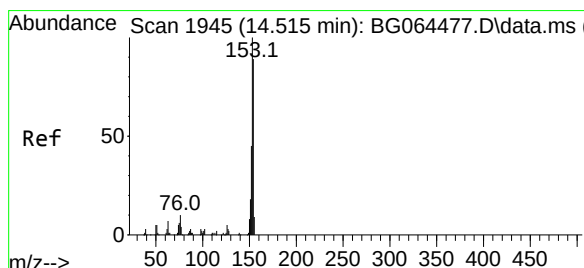
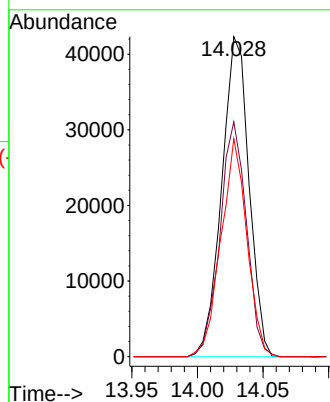
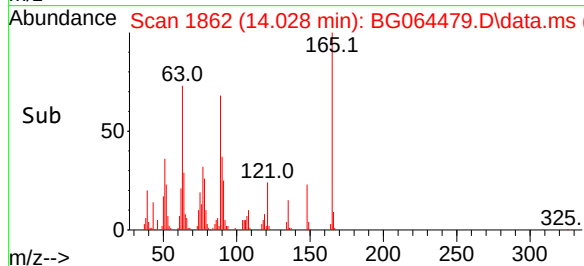
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:165 Resp: 61222  
Ion Ratio Lower Upper  
165 100  
63 73.4 63.9 95.9  
89 68.1 56.1 84.1

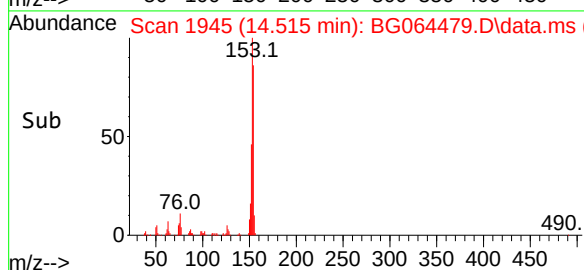
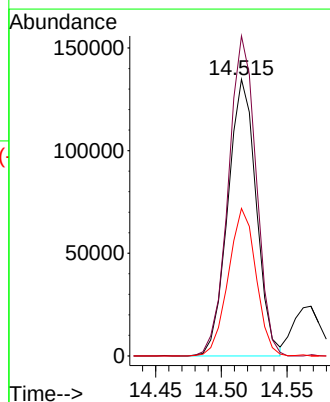
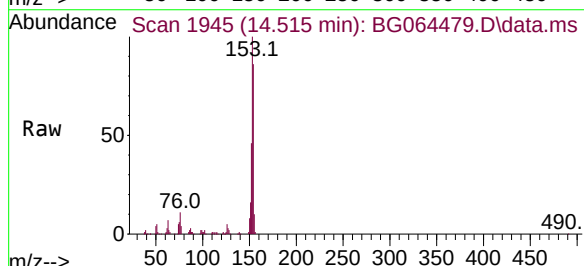
Manual Integrations  
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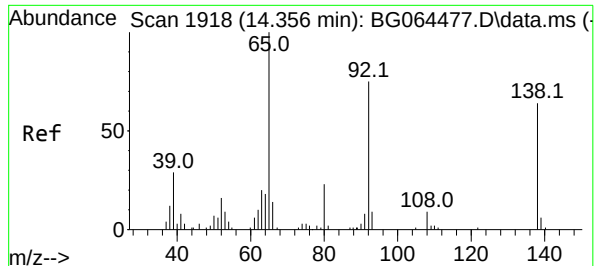
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#52  
Acenaphthene  
Concen: 61.643 ng  
RT: 14.515 min Scan# 1945  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

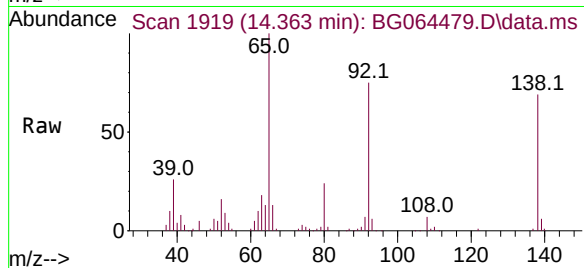
Tgt Ion:154 Resp: 202179  
Ion Ratio Lower Upper  
154 100  
153 115.7 90.2 135.4  
152 53.3 40.2 60.4





#53  
3-Nitroaniline  
Concen: 60.440 ng  
RT: 14.363 min Scan# 1918  
Delta R.T. 0.014 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

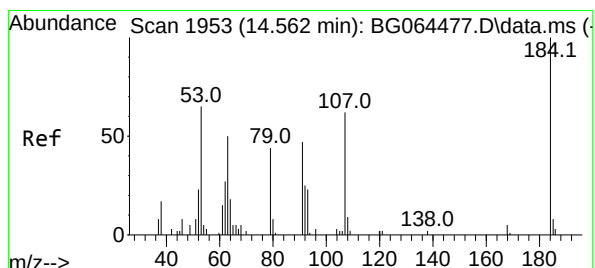
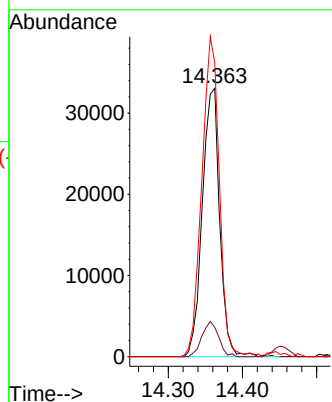
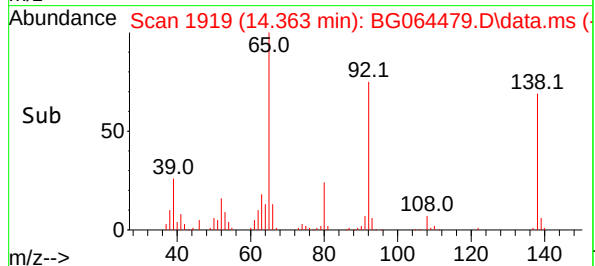
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:138 Resp: 5385  
Ion Ratio Lower Upper  
138 100  
108 10.9 10.6 15.8  
92 109.4 93.2 139.8

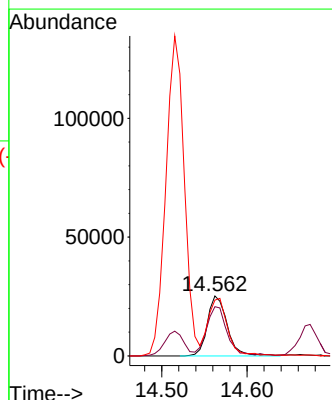
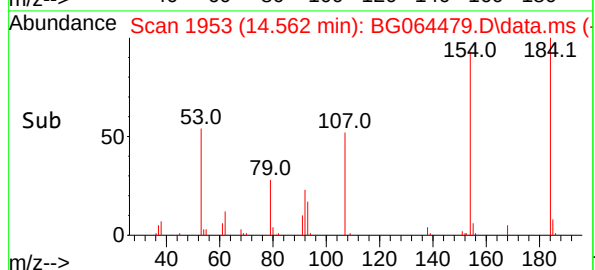
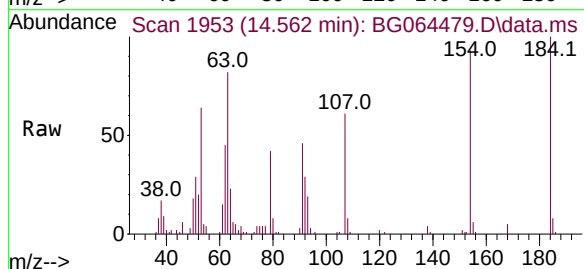
Manual Integrations  
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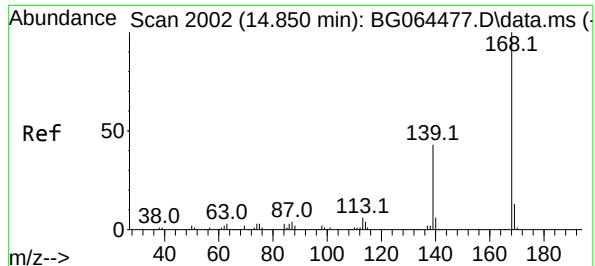
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#54  
2,4-Dinitrophenol  
Concen: 58.053 ng  
RT: 14.562 min Scan# 1953  
Delta R.T. -0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion:184 Resp: 40673  
Ion Ratio Lower Upper  
184 100  
63 82.0 69.0 103.4  
154 93.0 95.6 143.4#





#55

Dibenzofuran

Concen: 61.429 ng

RT: 14.850 min Scan# 2002

Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 332668

Ion Ratio Lower Upper

168 100

139 43.7 34.0 51.0

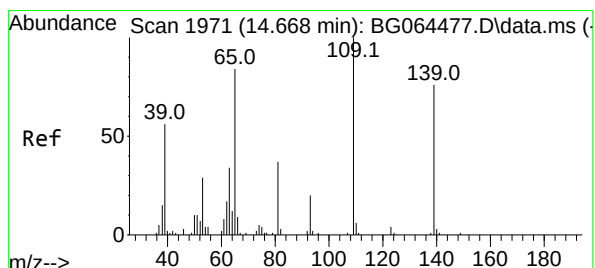
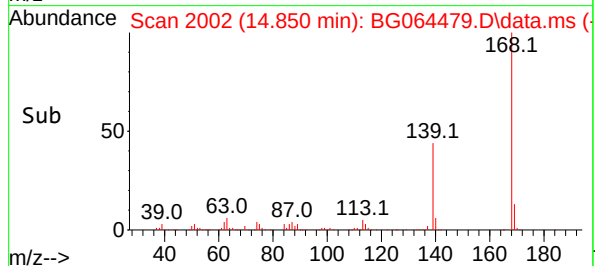
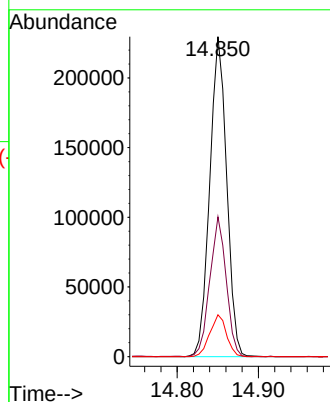
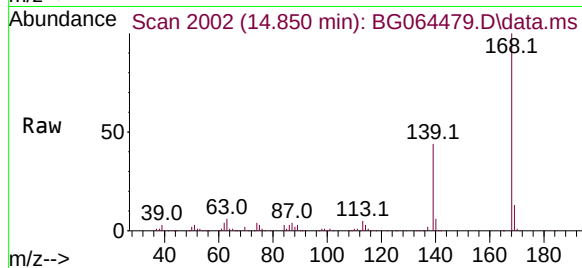
169 13.1 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#56

4-Nitrophenol

Concen: 64.107 ng

RT: 14.674 min Scan# 1972

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

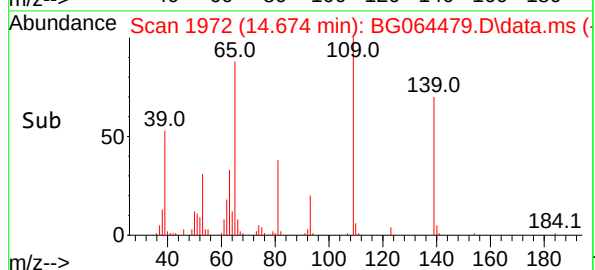
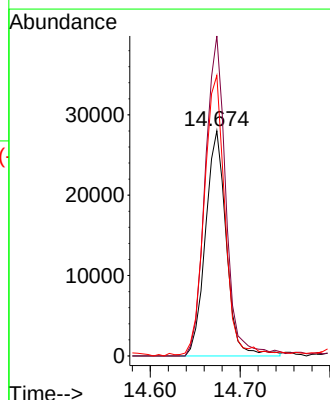
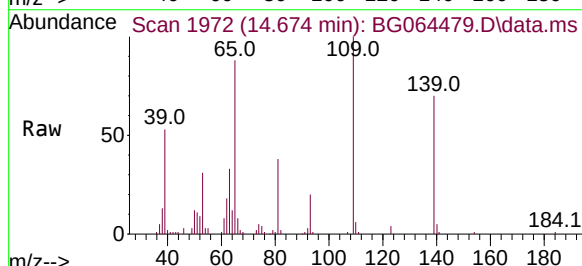
Tgt Ion:139 Resp: 44975

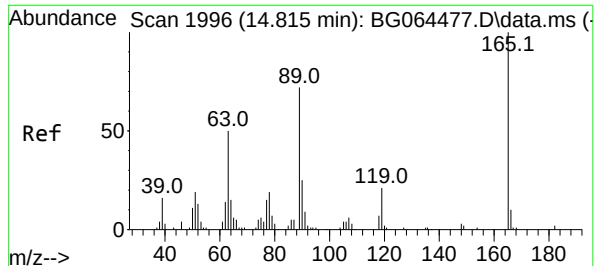
Ion Ratio Lower Upper

139 100

109 142.2 111.8 151.8

65 124.7 91.1 131.1





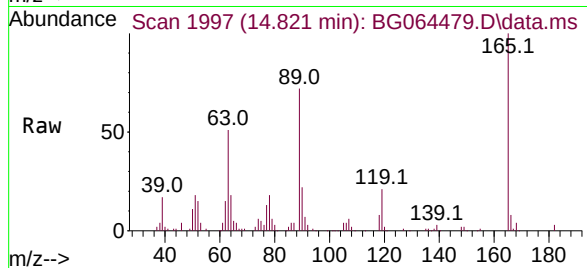
#57  
2,4-Dinitrotoluene  
Concen: 60.873 ng  
RT: 14.821 min Scan# 1996  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

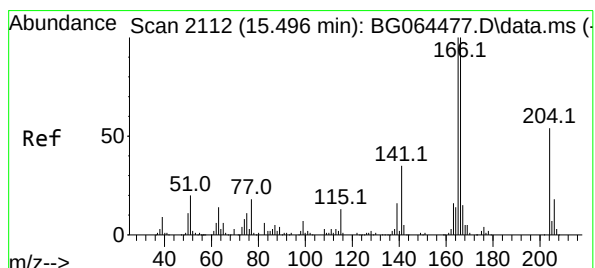
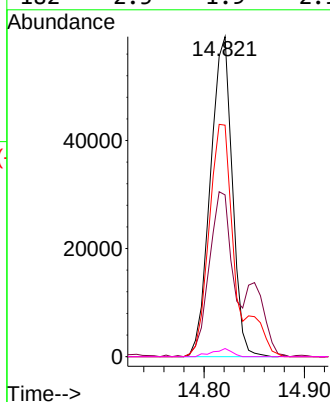
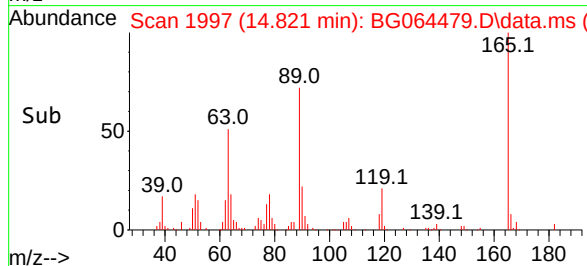


Tgt Ion:165 Resp: 89912  
Ion Ratio Lower Upper  
165 100  
63 50.5 40.4 60.6  
89 72.3 57.3 85.9  
182 2.5 1.9 2.9

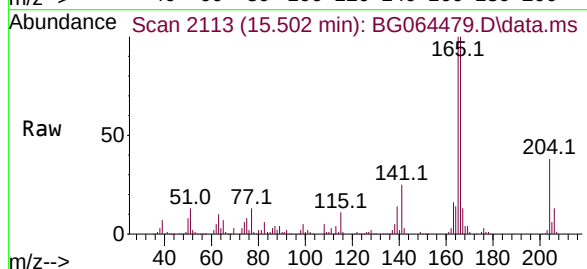
Manual Integrations

APPROVED

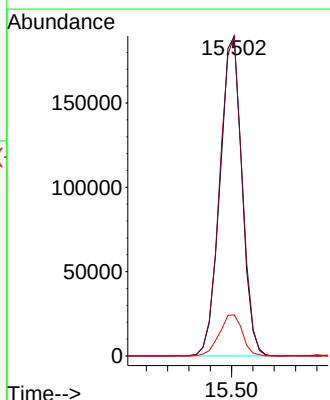
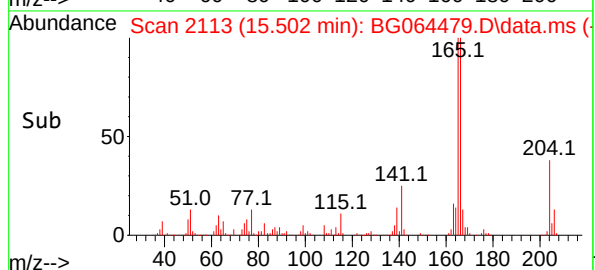
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

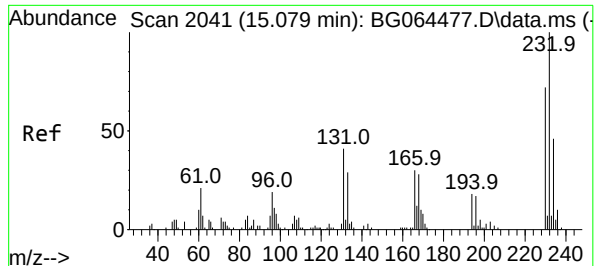


#58  
Fluorene  
Concen: 60.439 ng  
RT: 15.502 min Scan# 2113  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



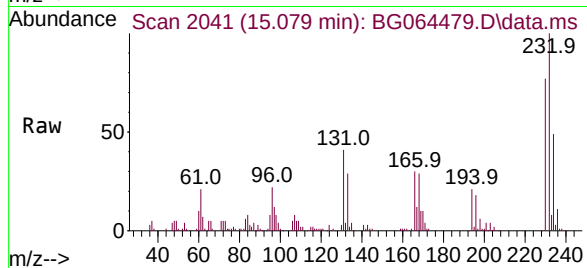
Tgt Ion:166 Resp: 272106  
Ion Ratio Lower Upper  
166 100  
165 100.2 79.8 119.6  
167 12.8 11.7 17.5





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 62.984 ng  
RT: 15.079 min Scan# 2041  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

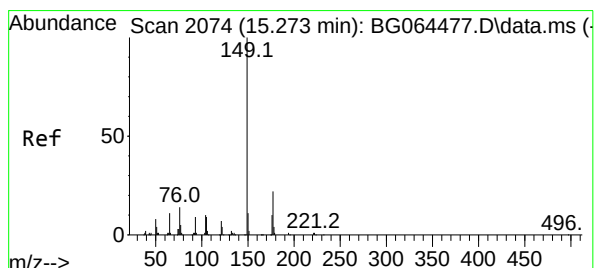
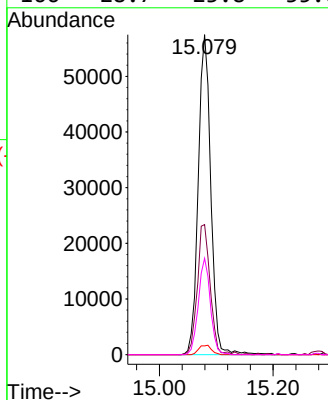
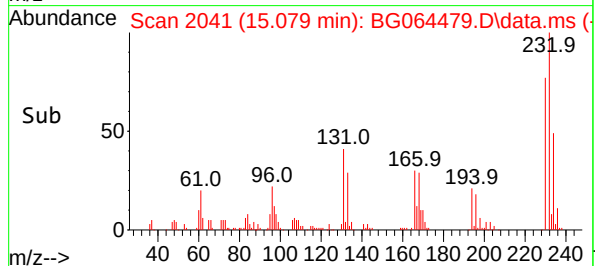
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



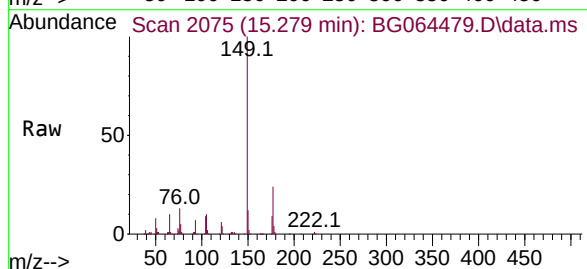
Tgt Ion:232 Resp: 87720  
Ion Ratio Lower Upper  
232 100  
131 41.8 35.0 52.4  
130 3.0 2.0 3.0  
166 28.7 23.8 35.6

Manual Integrations  
APPROVED

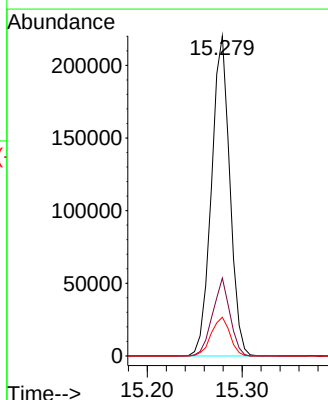
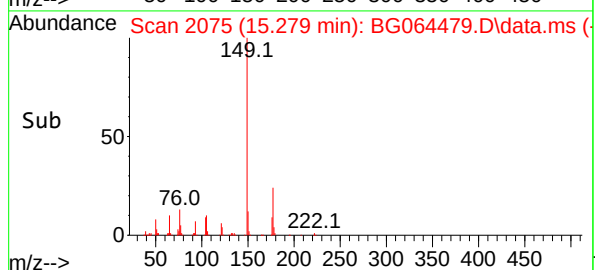
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

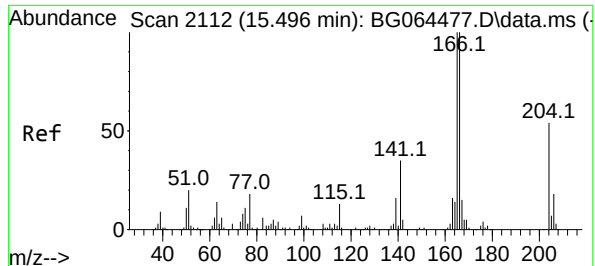


#60  
Diethylphthalate  
Concen: 59.367 ng  
RT: 15.279 min Scan# 2075  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



Tgt Ion:149 Resp: 295396  
Ion Ratio Lower Upper  
149 100  
177 24.3 17.4 26.0  
150 12.1 9.1 13.7





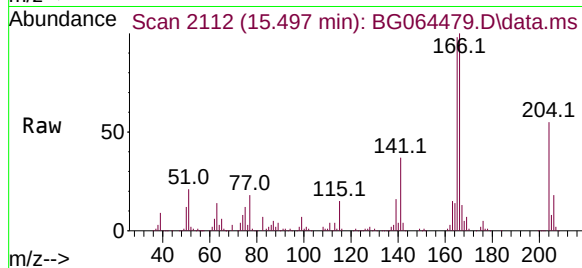
#61  
4-Chlorophenyl-phenylether  
Concen: 59.213 ng  
RT: 15.497 min Scan# 2112  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

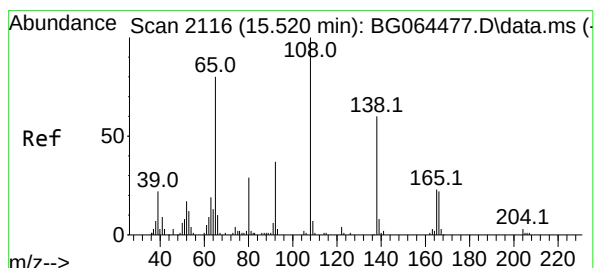
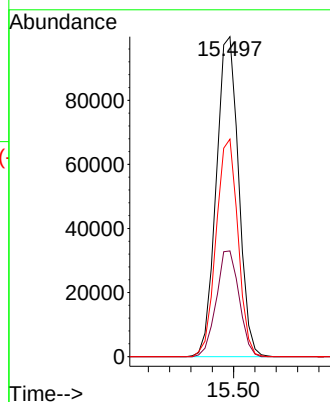
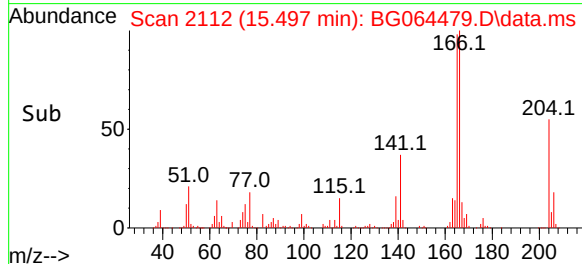


Tgt Ion:204 Resp: 14554  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.1 40.7  
141 68.0 51.5 77.3

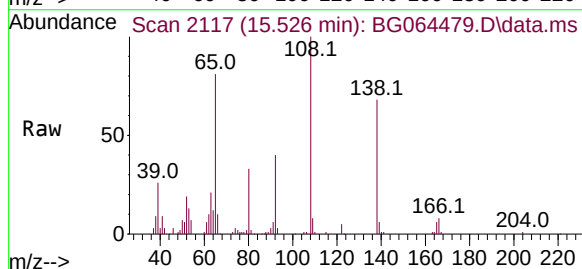
Manual Integrations

APPROVED

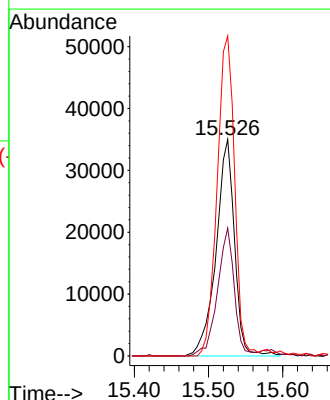
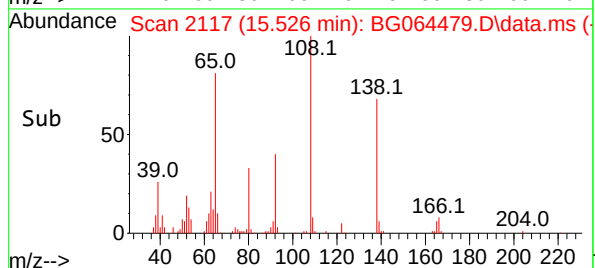
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

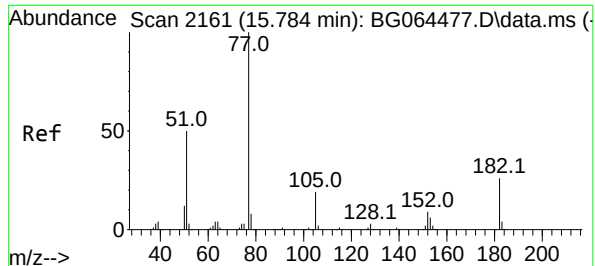


#62  
4-Nitroaniline  
Concen: 65.117 ng  
RT: 15.526 min Scan# 2117  
Delta R.T. 0.014 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



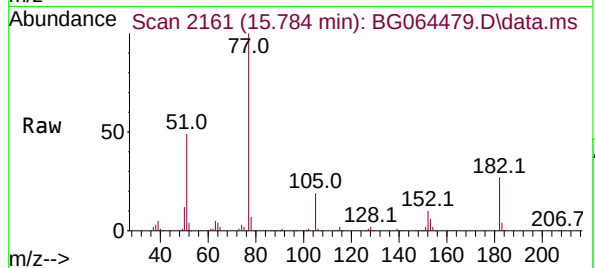
Tgt Ion:138 Resp: 60477  
Ion Ratio Lower Upper  
138 100  
92 59.0 42.3 82.3  
108 147.9 147.7 187.7





#63  
Azobenzene  
Concen: 59.443 ng  
RT: 15.784 min Scan# 2161  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

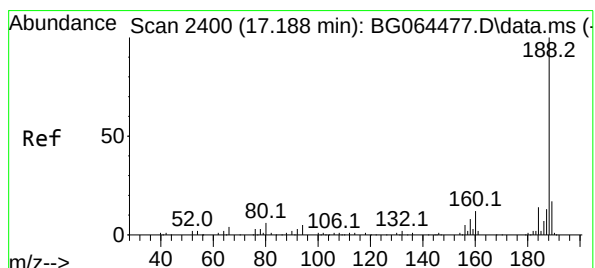
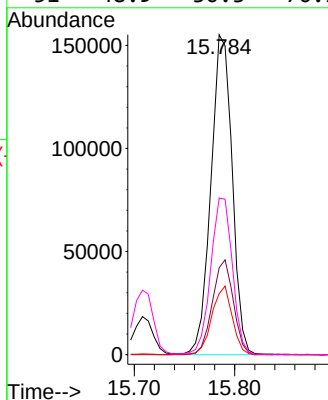
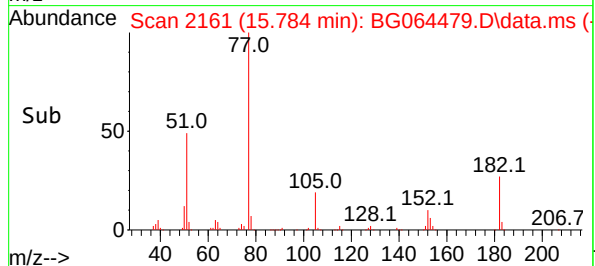
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



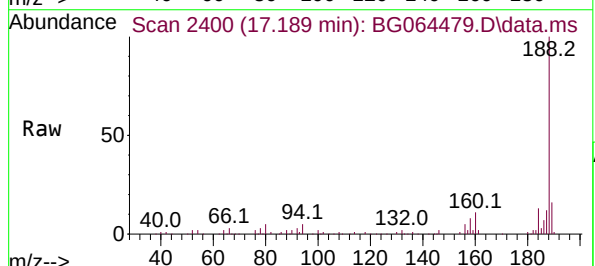
Tgt Ion: 77 Resp: 229063  
Ion Ratio Lower Upper  
77 100  
182 27.1 6.3 46.3  
105 19.0 0.0 38.7  
51 48.9 30.3 70.3

Manual Integrations  
APPROVED

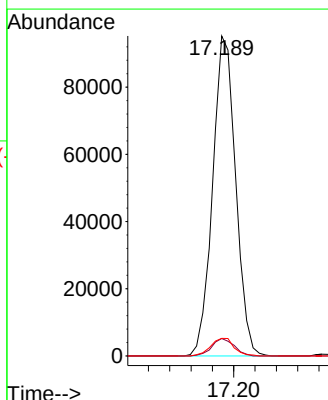
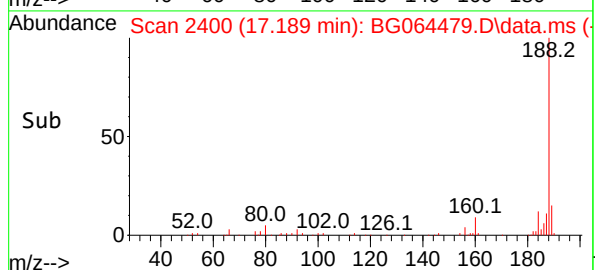
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



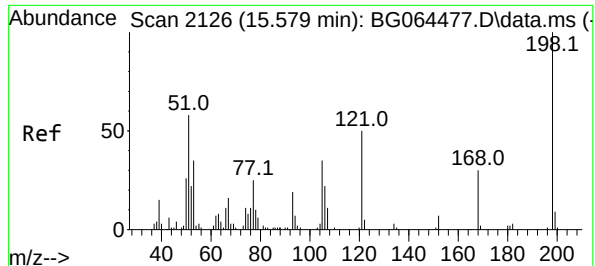
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.189 min Scan# 2400  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



Tgt Ion:188 Resp: 143075  
Ion Ratio Lower Upper  
188 100  
94 5.4 3.7 5.5  
80 5.5 4.5 6.7

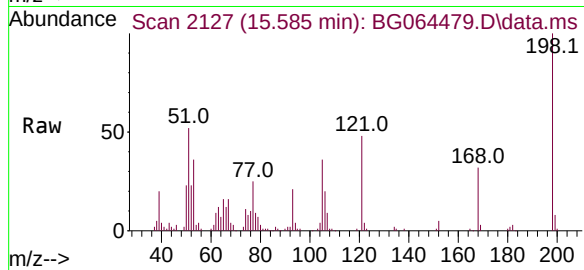






#65  
4,6-Dinitro-2-methylphenol  
Concen: 62.533 ng  
RT: 15.585 min Scan# 2127  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

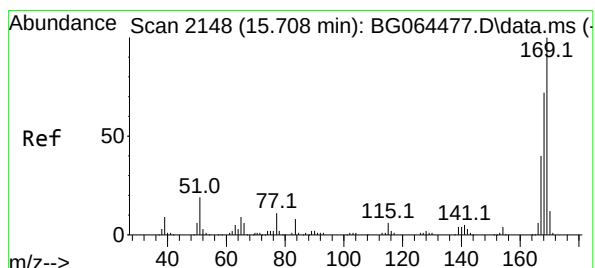
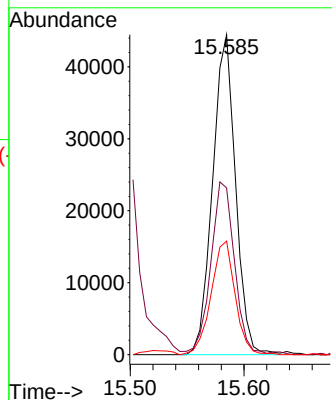
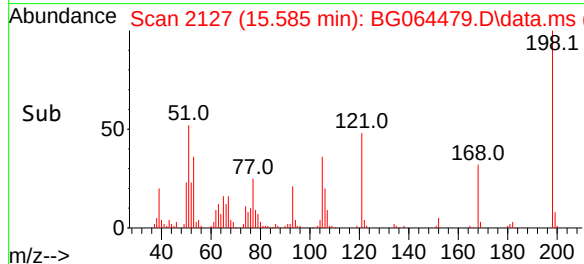
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



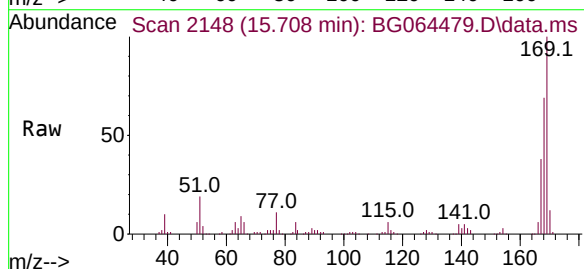
Tgt Ion:198 Resp: 62295  
Ion Ratio Lower Upper  
198 100  
51 52.1 39.0 79.0  
105 35.5 15.8 55.8

Manual Integrations  
APPROVED

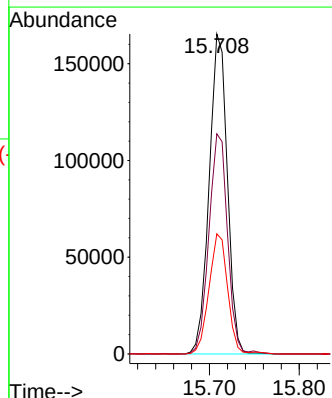
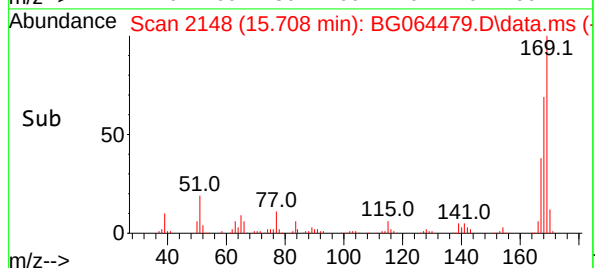
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

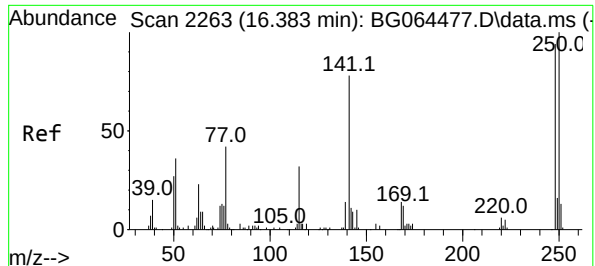


#66  
n-Nitrosodiphenylamine  
Concen: 60.822 ng  
RT: 15.708 min Scan# 2148  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



Tgt Ion:169 Resp: 232383  
Ion Ratio Lower Upper  
169 100  
168 68.8 57.8 86.6  
167 37.5 31.7 47.5





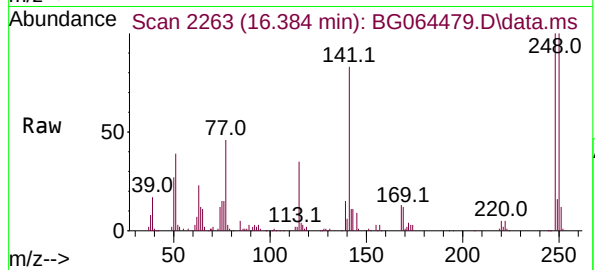
#67  
4-Bromophenyl-phenylether  
Concen: 60.380 ng  
RT: 16.384 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

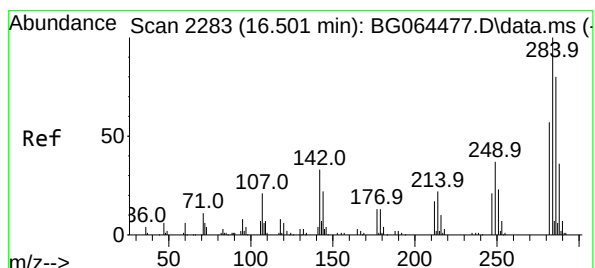
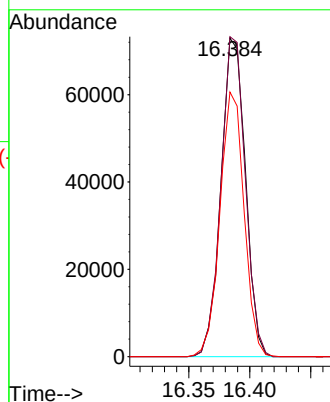
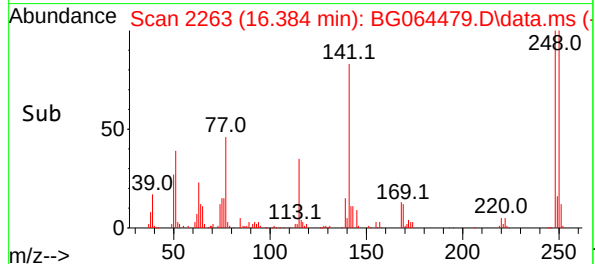


Tgt Ion:248 Resp: 101659  
Ion Ratio Lower Upper  
248 100  
250 100.5 85.3 127.9  
141 83.1 66.2 99.2

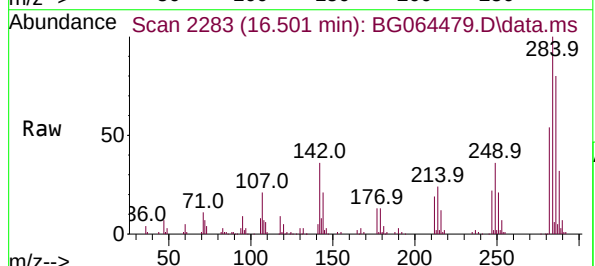
Manual Integrations

APPROVED

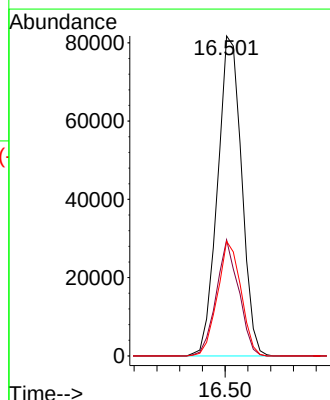
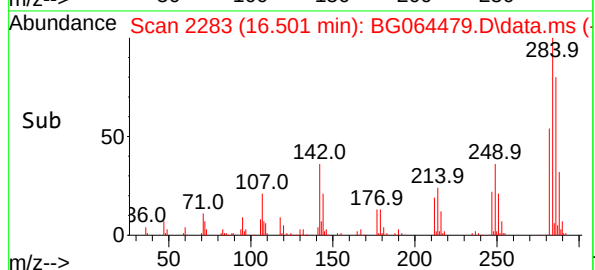
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

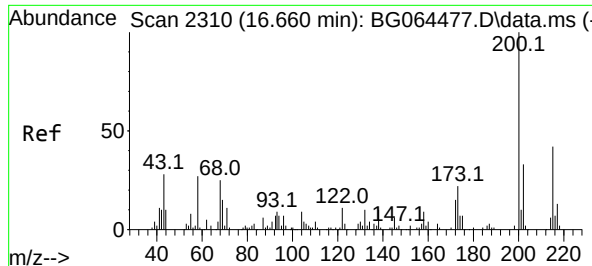


#68  
Hexachlorobenzene  
Concen: 62.318 ng  
RT: 16.501 min Scan# 2283  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



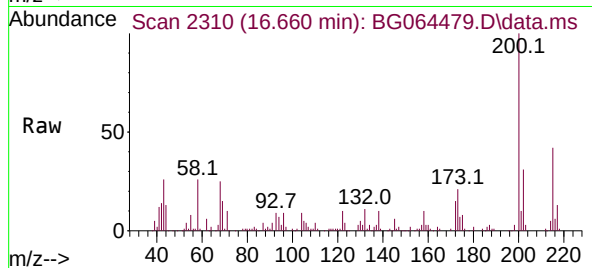
Tgt Ion:284 Resp: 120060  
Ion Ratio Lower Upper  
284 100  
142 36.3 26.2 39.2  
249 35.8 29.4 44.0





#69  
Atrazine  
Concen: 60.299 ng  
RT: 16.660 min Scan# 2310  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

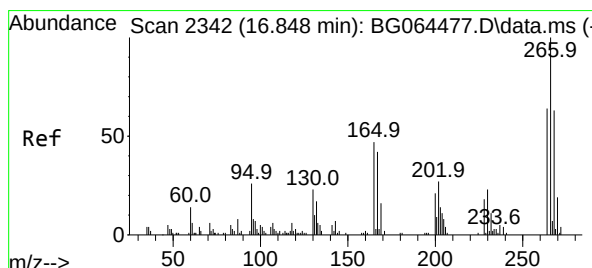
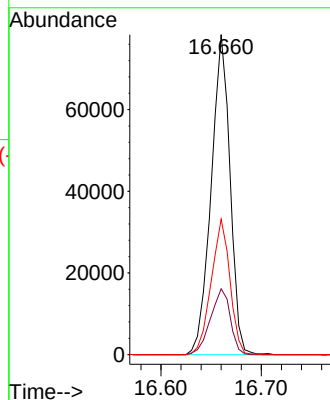
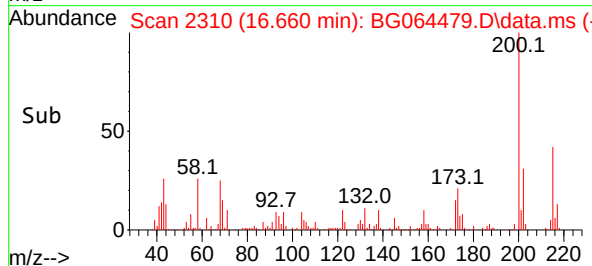
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



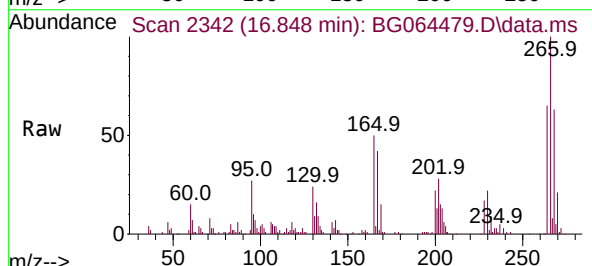
Tgt Ion:200 Resp: 102498  
Ion Ratio Lower Upper  
200 100  
173 20.6 2.5 42.5  
215 42.3 21.5 61.5

Manual Integrations  
APPROVED

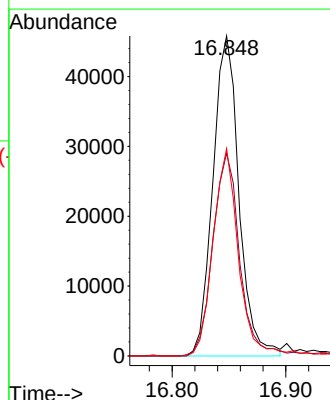
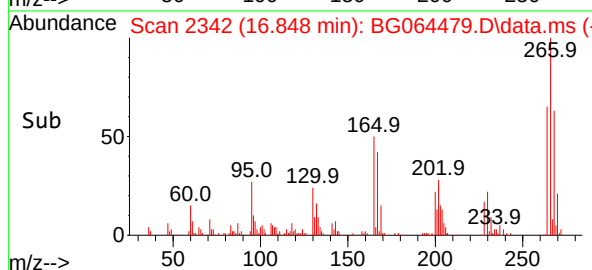
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

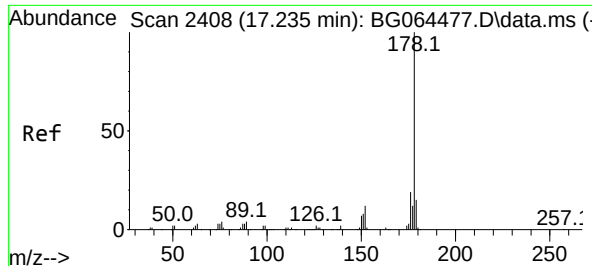


#70  
Pentachlorophenol  
Concen: 64.730 ng  
RT: 16.848 min Scan# 2342  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



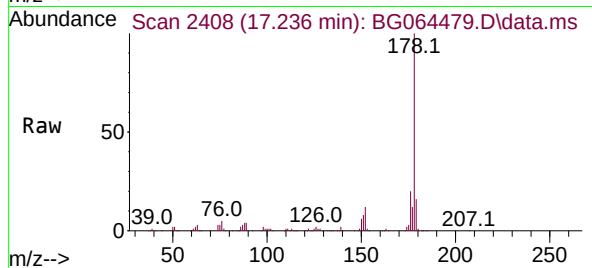
Tgt Ion:266 Resp: 72916  
Ion Ratio Lower Upper  
266 100  
268 63.3 50.6 75.8  
264 64.8 51.2 76.8





#71  
Phenanthrene  
Concen: 60.221 ng  
RT: 17.236 min Scan# 2408  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

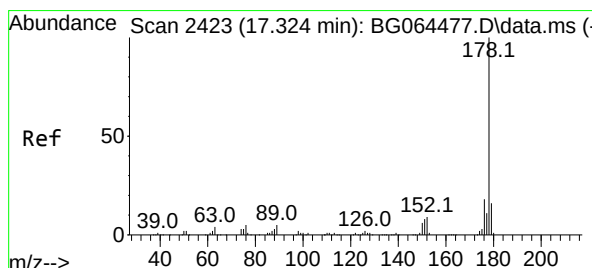
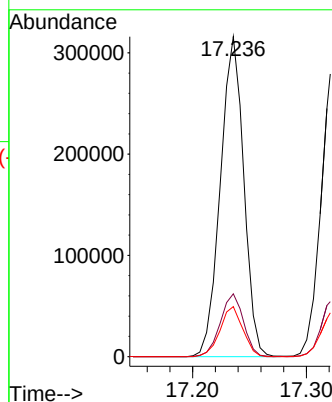
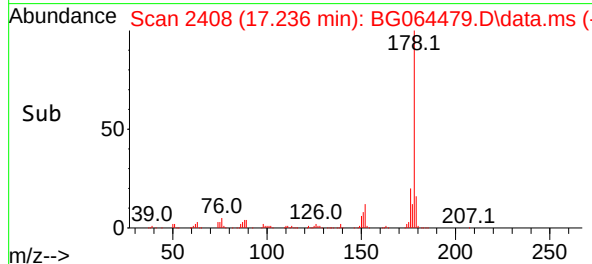
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:178 Resp: 450582  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.2 22.8  
179 15.6 11.8 17.6

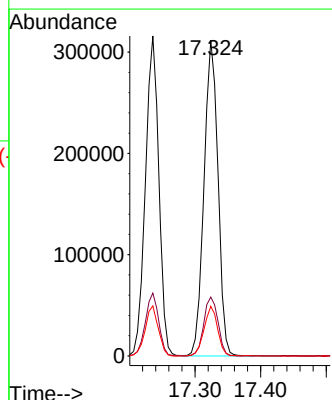
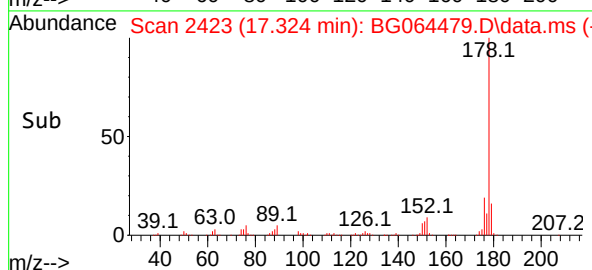
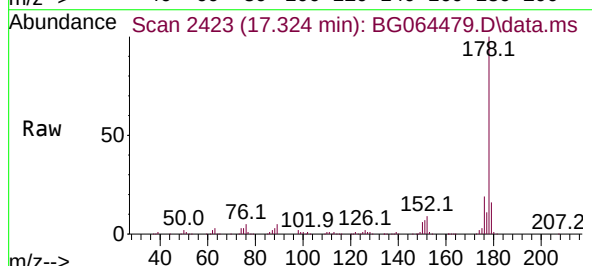
Manual Integrations  
APPROVED

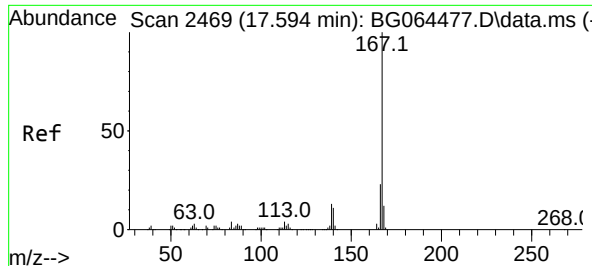
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#72  
Anthracene  
Concen: 61.100 ng  
RT: 17.324 min Scan# 2423  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

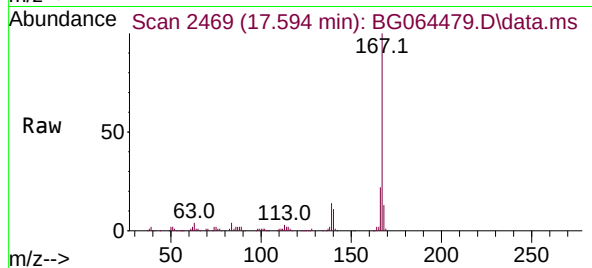
Tgt Ion:178 Resp: 458626  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.6 21.8  
179 15.7 12.5 18.7





#73  
Carbazole  
Concen: 60.961 ng  
RT: 17.594 min Scan# 2469  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

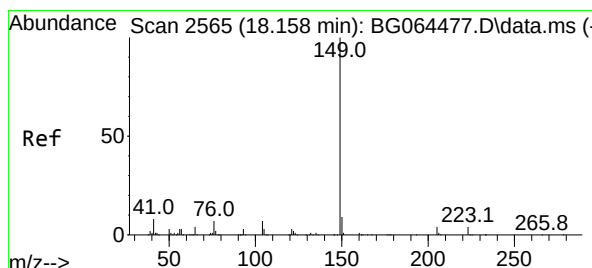
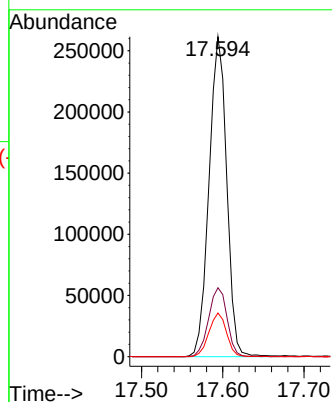
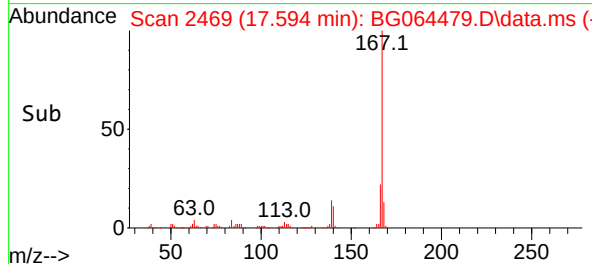
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:167 Resp: 395523  
Ion Ratio Lower Upper  
167 100  
166 21.5 18.6 27.8  
139 13.6 10.2 15.4

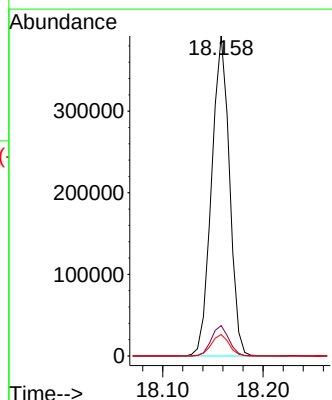
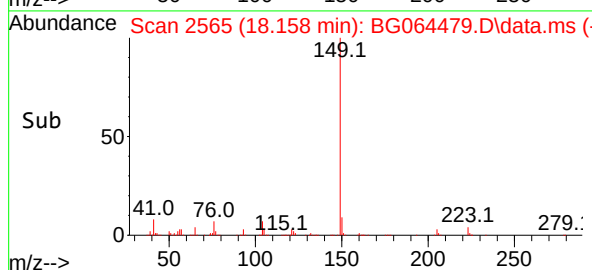
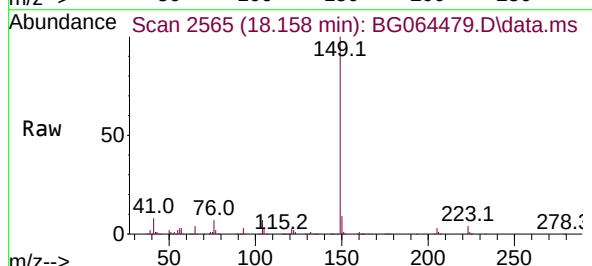
Manual Integrations  
APPROVED

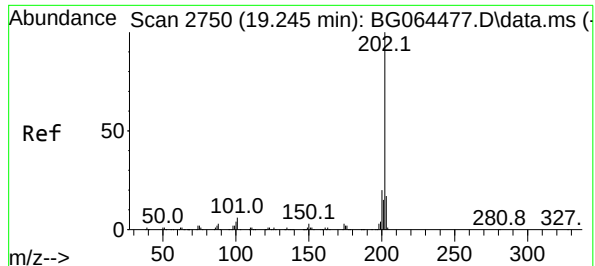
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#74  
Di-n-butylphthalate  
Concen: 61.267 ng  
RT: 18.158 min Scan# 2565  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

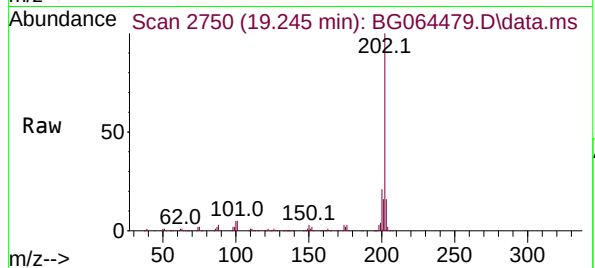
Tgt Ion:149 Resp: 485256  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.4 11.2  
104 6.7 5.3 7.9





#75  
Fluoranthene  
Concen: 60.154 ng  
RT: 19.245 min Scan# 2750  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

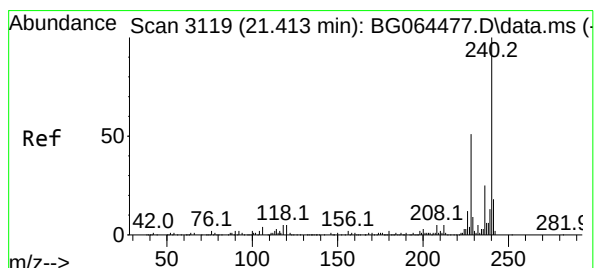
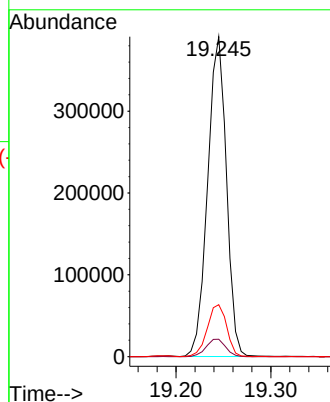
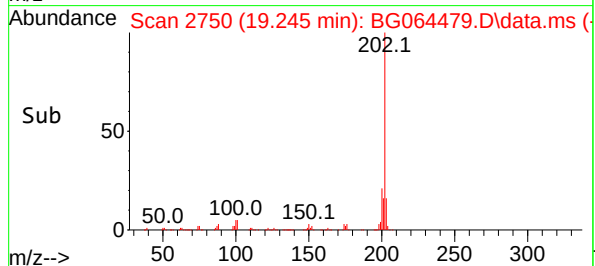
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



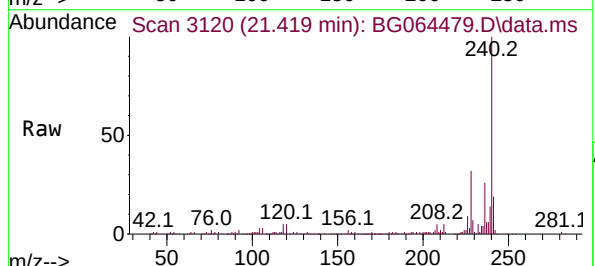
Tgt Ion:202 Resp: 537693  
Ion Ratio Lower Upper  
202 100  
101 5.4 0.0 25.7  
203 16.3 0.0 36.6

Manual Integrations  
APPROVED

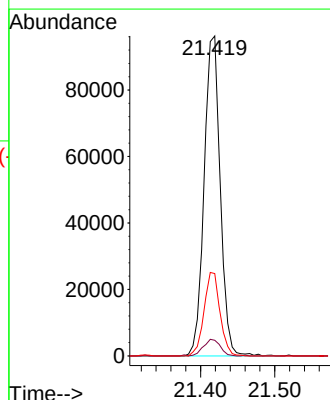
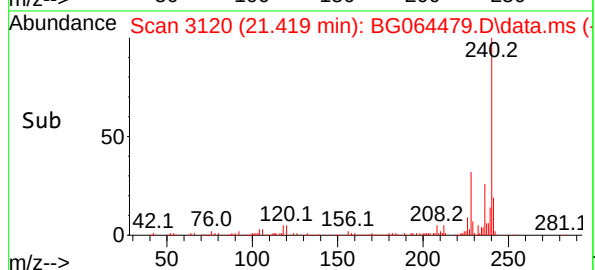
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

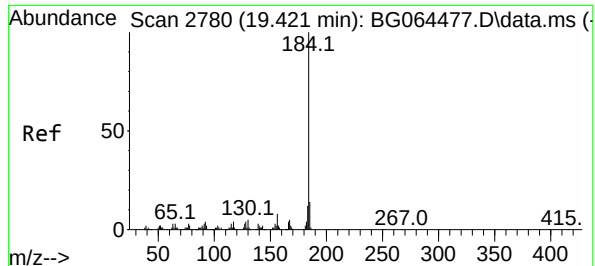


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.419 min Scan# 3120  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



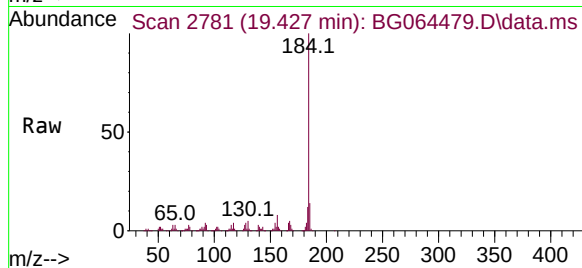
Tgt Ion:240 Resp: 144920  
Ion Ratio Lower Upper  
240 100  
120 4.9 4.3 6.5  
236 25.7 20.4 30.6





#77  
Benzidine  
Concen: 74.880 ng  
RT: 19.427 min Scan# 2780  
Delta R.T. 0.002 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

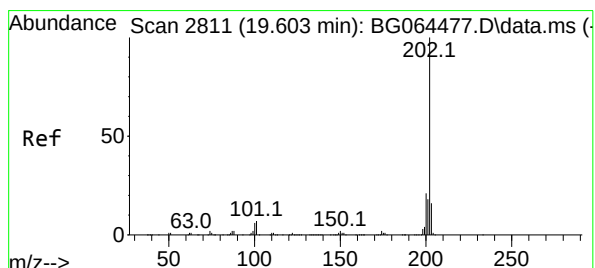
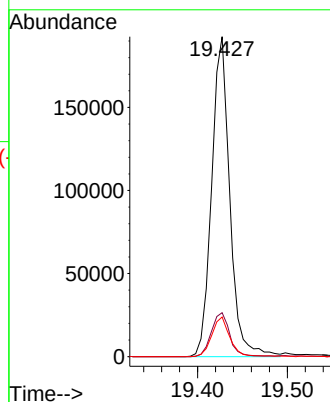
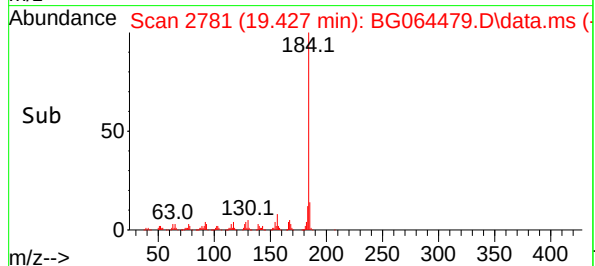
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:184 Resp: 270028  
Ion Ratio Lower Upper  
184 100  
185 13.7 10.9 16.3  
183 12.4 9.8 14.6

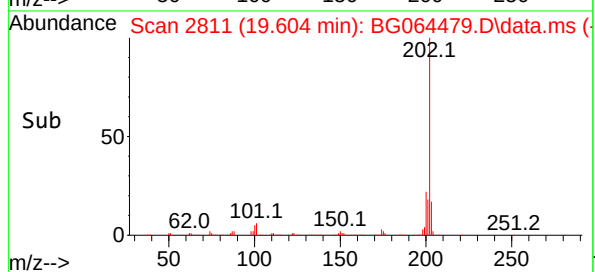
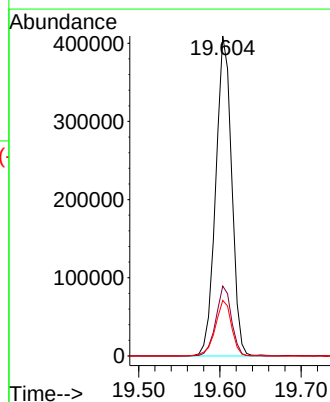
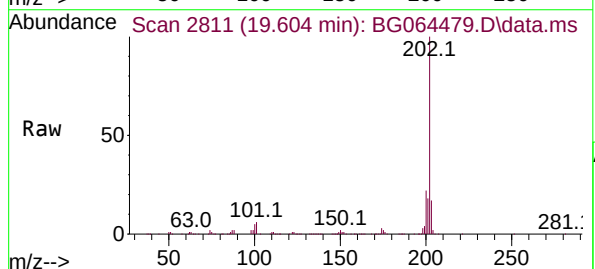
Manual Integrations  
APPROVED

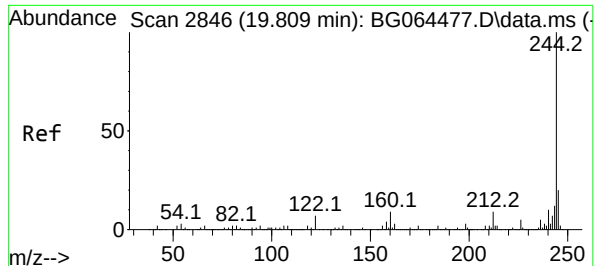
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#78  
Pyrene  
Concen: 59.207 ng  
RT: 19.604 min Scan# 2811  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion:202 Resp: 556837  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.0 25.4  
203 17.3 13.0 19.4





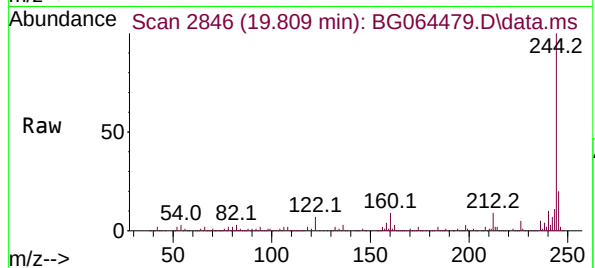
#79  
Terphenyl-d14  
Concen: 118.598 ng  
RT: 19.809 min Scan# 2846  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

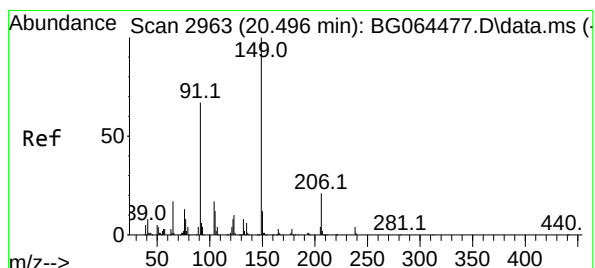
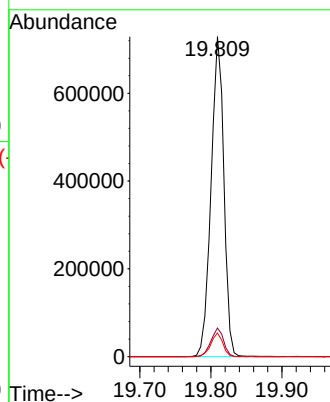
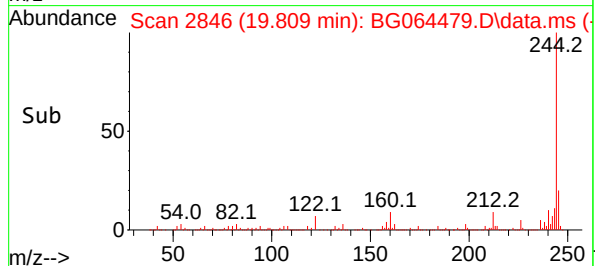


Tgt Ion:244 Resp: 908174  
Ion Ratio Lower Upper  
244 100  
212 8.9 7.0 10.6  
122 7.4 5.6 8.4

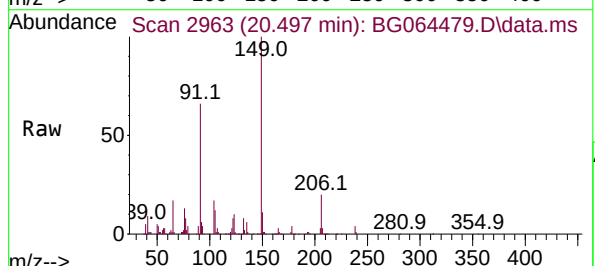
Manual Integrations

APPROVED

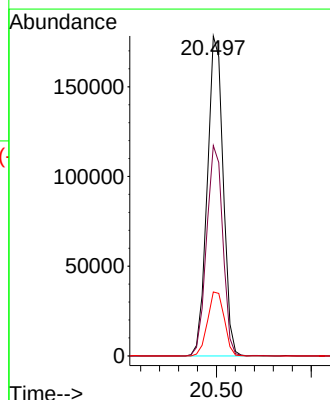
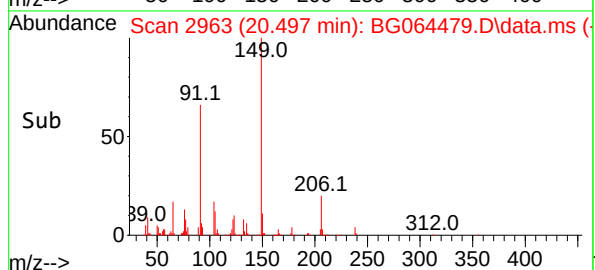
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



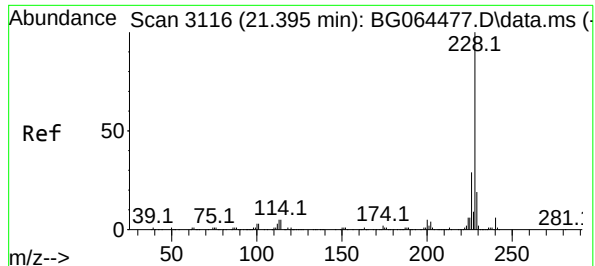
#80  
Butylbenzylphthalate  
Concen: 62.426 ng  
RT: 20.497 min Scan# 2963  
Delta R.T. -0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



Tgt Ion:149 Resp: 208125  
Ion Ratio Lower Upper  
149 100  
91 65.7 53.7 80.5  
206 20.0 16.6 24.8

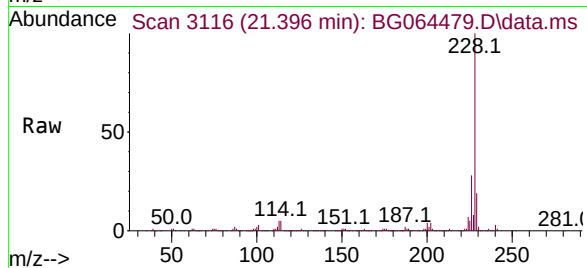






#81  
Benzo(a)anthracene  
Concen: 60.676 ng  
RT: 21.396 min Scan# 3116  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

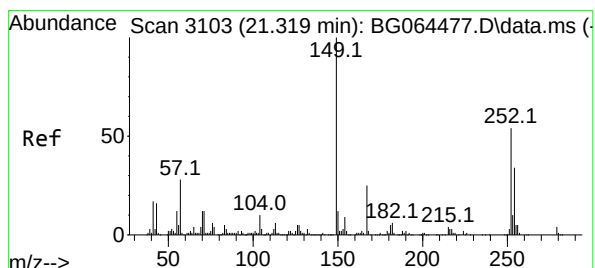
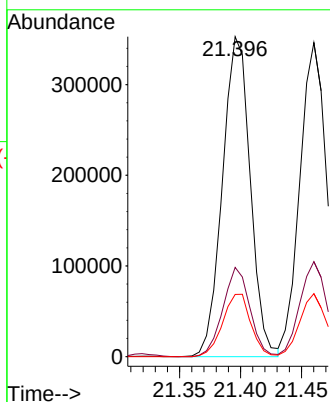
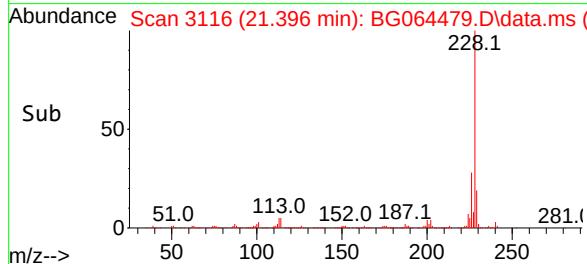
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



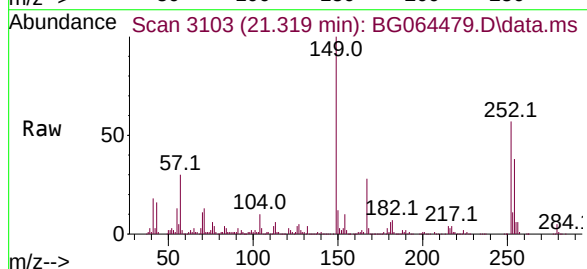
Tgt Ion:228 Resp: 561451  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.8 34.2  
229 19.4 15.2 22.8

Manual Integrations  
APPROVED

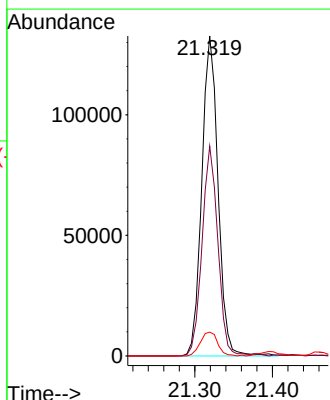
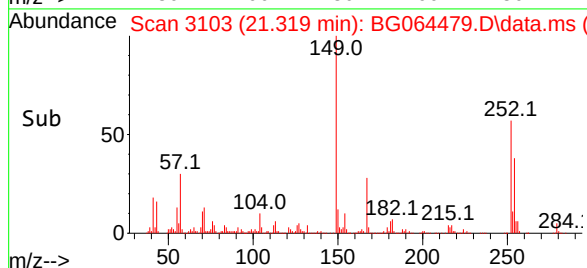
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

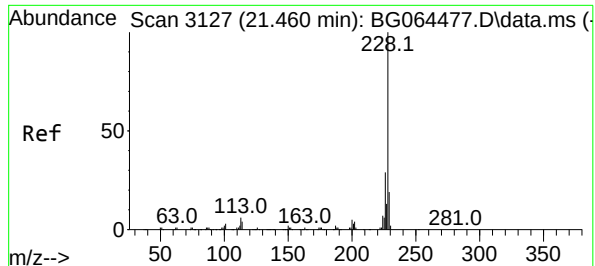


#82  
3,3'-Dichlorobenzidine  
Concen: 61.540 ng  
RT: 21.319 min Scan# 3103  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35



Tgt Ion:252 Resp: 192733  
Ion Ratio Lower Upper  
252 100  
254 65.6 50.5 75.7  
126 7.4 7.1 10.7





#83

Chrysene

Concen: 59.928 ng

RT: 21.460 min Scan# 3127

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

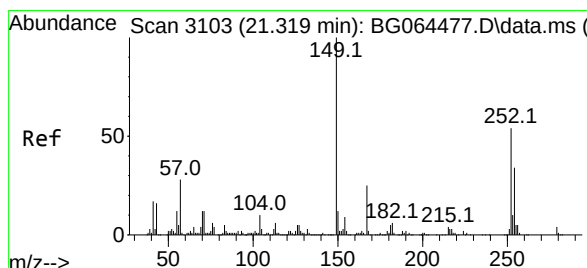
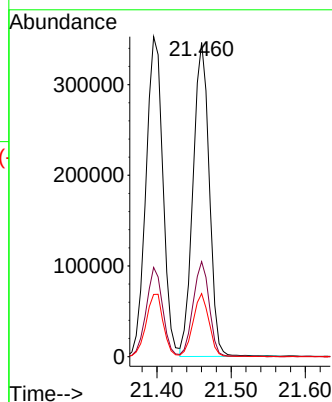
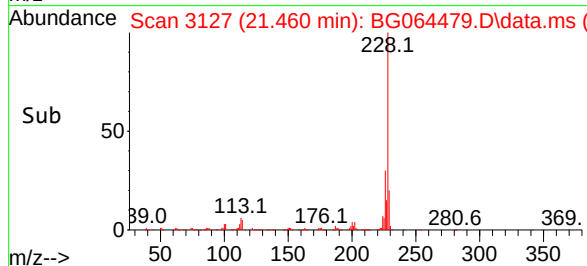
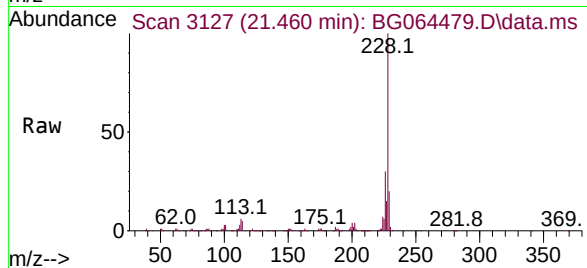
SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 525893 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.2  | 22.8  | 34.2   |
| 229       | 20.0  | 15.4  | 23.0   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.932 ng

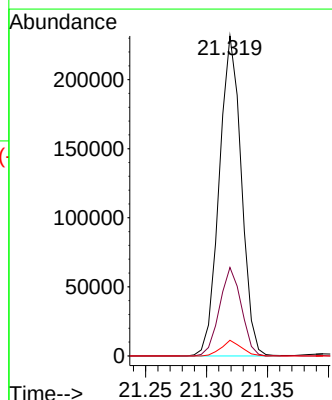
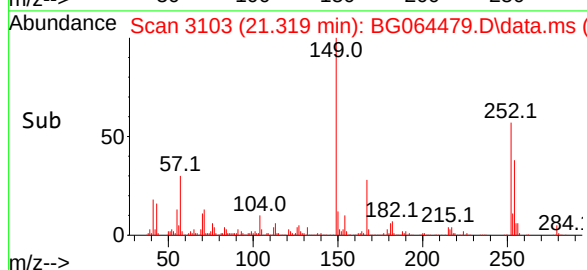
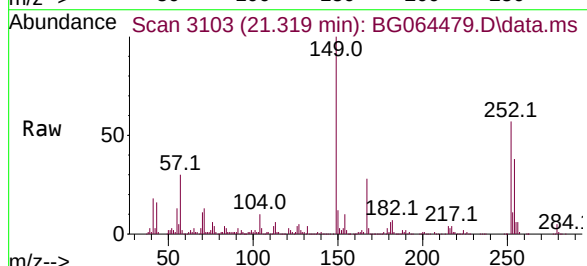
RT: 21.319 min Scan# 3103

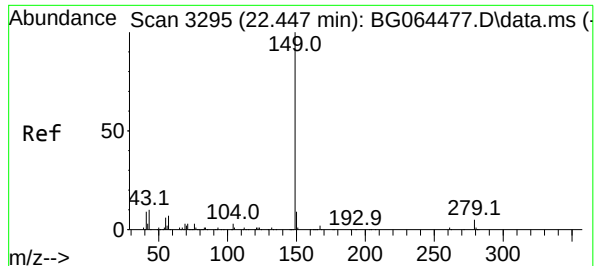
Delta R.T. 0.003 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

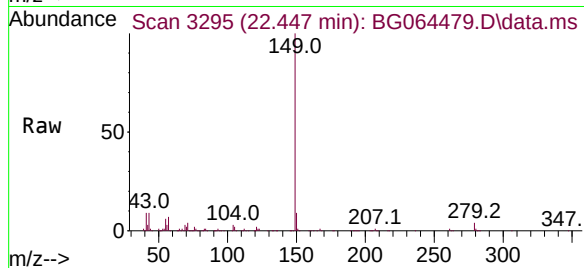
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 291329 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.6  | 19.7  | 29.5   |
| 279       | 4.9   | 3.4   | 5.2    |





#85  
Di-n-octyl phthalate  
Concen: 61.881 ng  
RT: 22.447 min Scan# 3295  
Delta R.T. 0.009 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

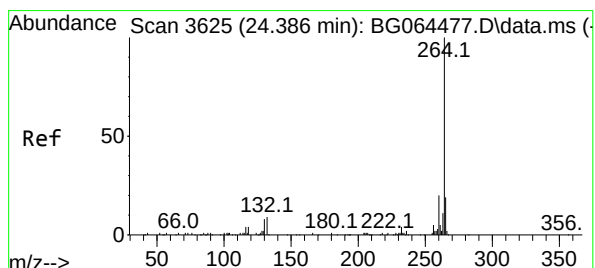
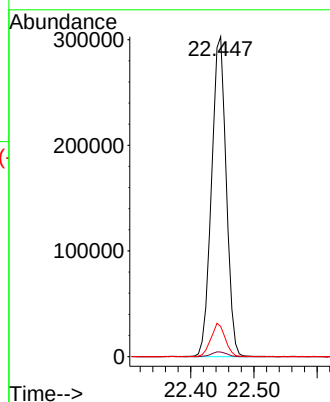
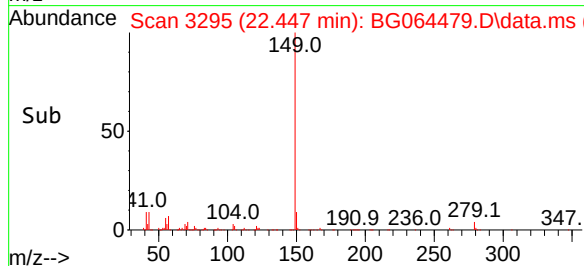
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:149 Resp: 489220  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.4 2.0  
43 10.2 7.9 11.9

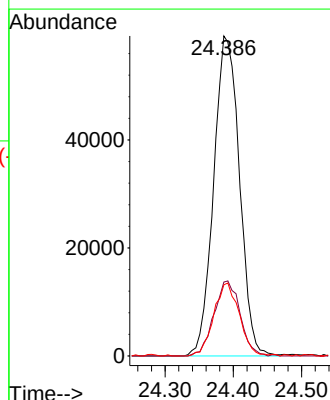
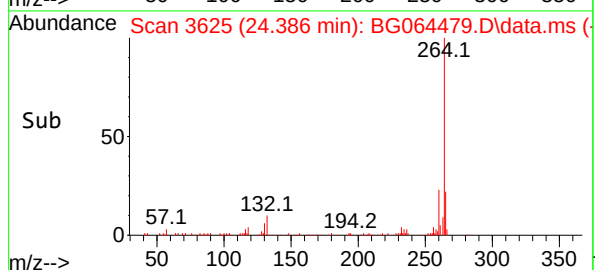
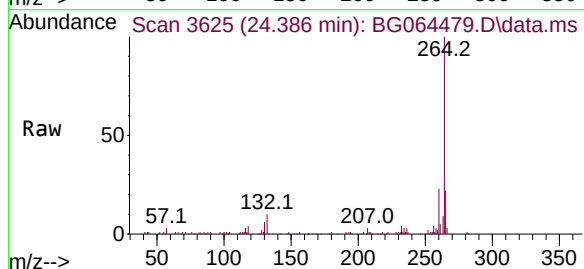
Manual Integrations  
APPROVED

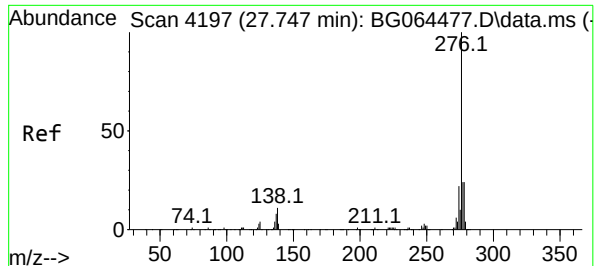
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.386 min Scan# 3625  
Delta R.T. -0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

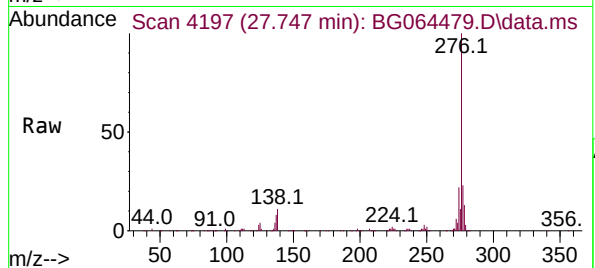
Tgt Ion:264 Resp: 155027  
Ion Ratio Lower Upper  
264 100  
260 23.1 16.2 24.4  
265 22.3 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 61.679 ng  
RT: 27.747 min Scan# 4197  
Delta R.T. 0.015 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

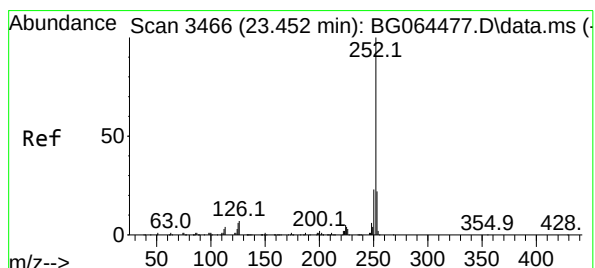
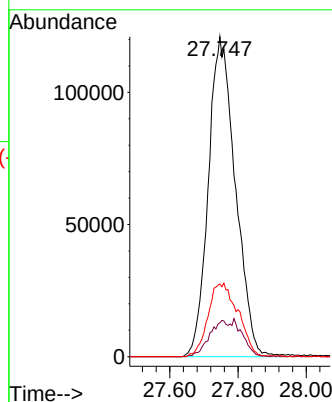
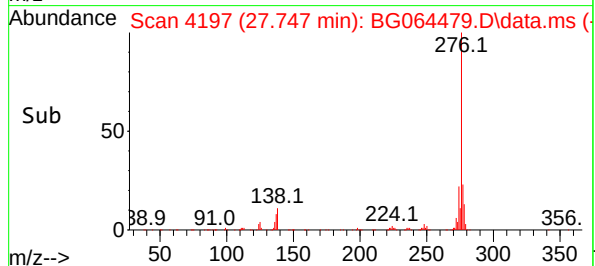
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:276 Resp: 665573  
Ion Ratio Lower Upper  
276 100  
138 7.6 10.8 16.2  
277 25.4 20.3 30.5

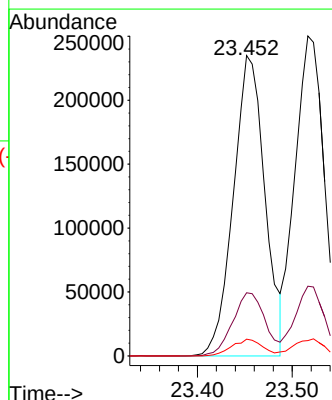
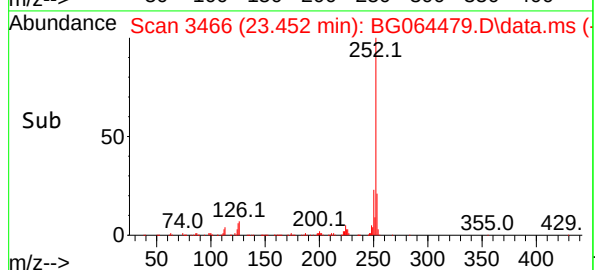
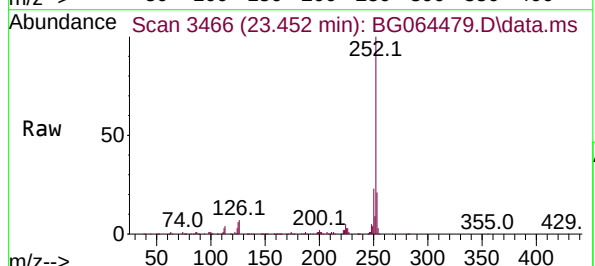
Manual Integrations  
APPROVED

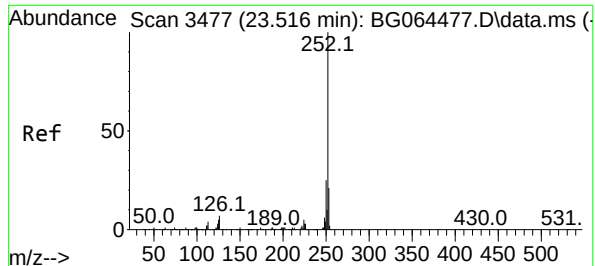
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#88  
Benzo(b)fluoranthene  
Concen: 61.635 ng  
RT: 23.452 min Scan# 3466  
Delta R.T. 0.003 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion:252 Resp: 543592  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.5 26.3  
125 5.6 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 60.551 ng

RT: 23.517 min Scan# 3477

Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

Instrument :

BNA\_G

ClientSampleId :

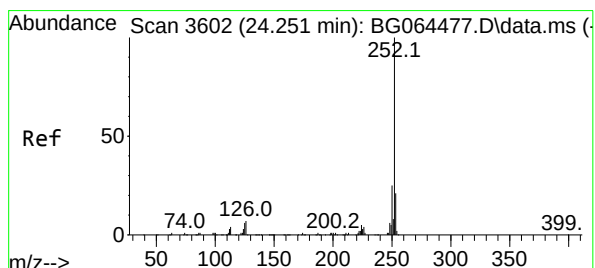
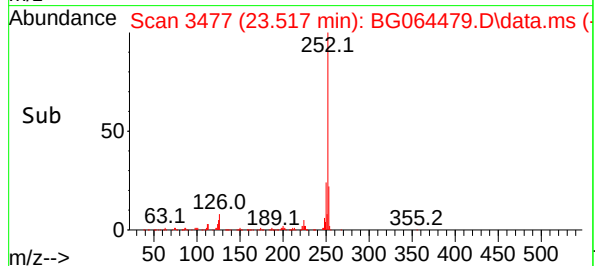
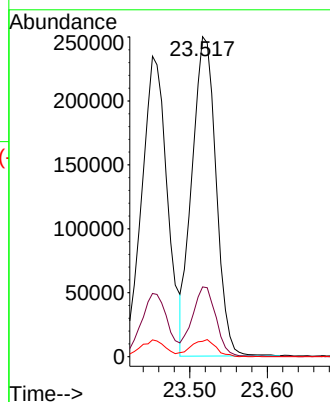
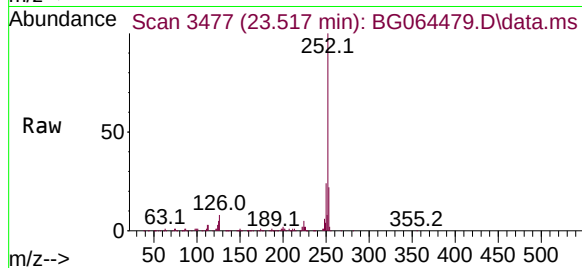
SSTDICC060

|             |                |
|-------------|----------------|
| Tgt Ion:252 | Resp: 537854   |
| Ion Ratio   | Lower Upper    |
| 252         | 100            |
| 253         | 21.8 17.4 26.2 |
| 125         | 4.8 4.0 6.0    |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 61.533 ng

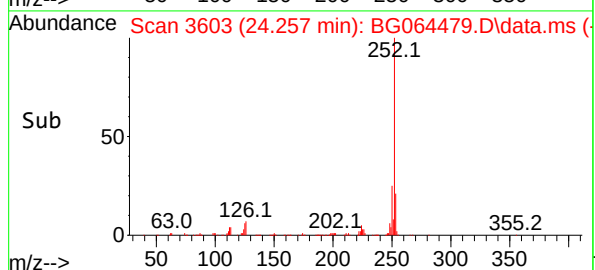
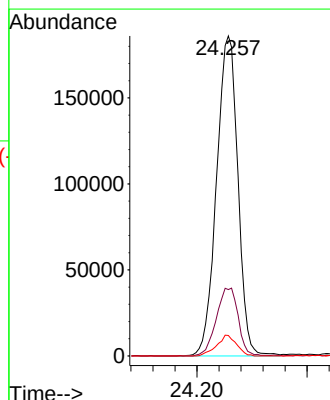
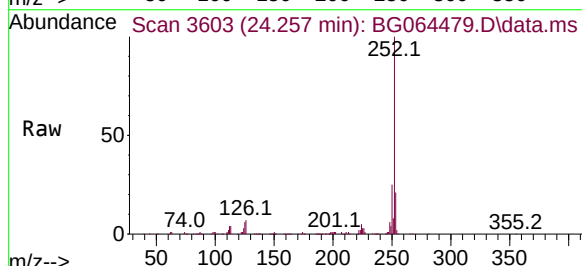
RT: 24.257 min Scan# 3603

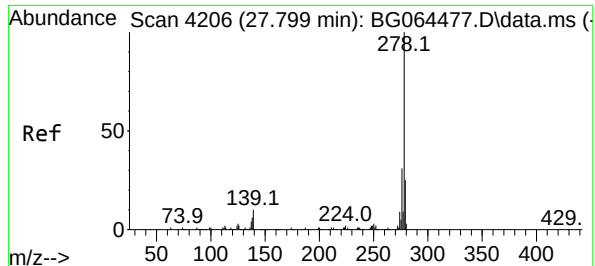
Delta R.T. 0.009 min

Lab File: BG064479.D

Acq: 2 Oct 2025 13:35

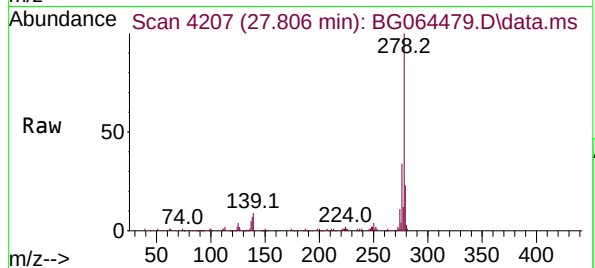
|             |                |
|-------------|----------------|
| Tgt Ion:252 | Resp: 500159   |
| Ion Ratio   | Lower Upper    |
| 252         | 100            |
| 253         | 20.7 17.1 25.7 |
| 125         | 6.4 4.6 6.8    |





#91  
Dibenzo(a,h)anthracene  
Concen: 62.043 ng  
RT: 27.806 min Scan# 4376  
Delta R.T. 0.026 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

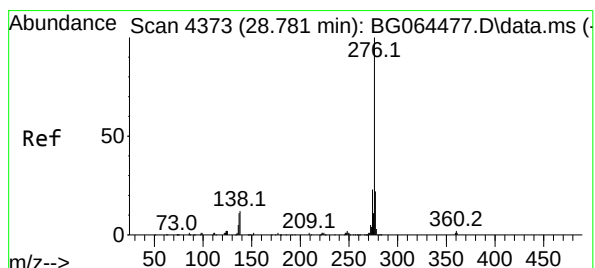
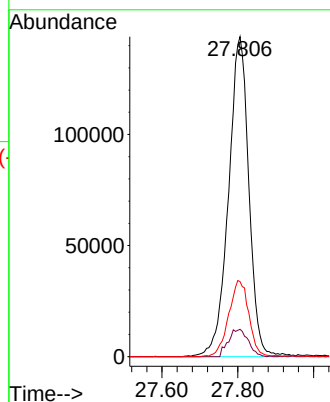
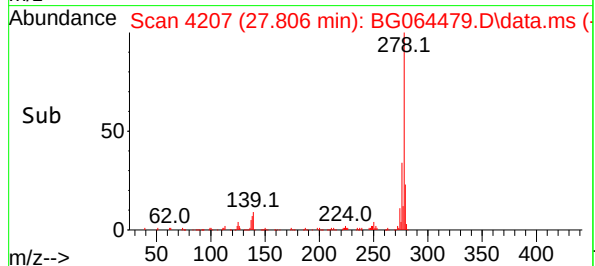
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:278 Resp: 535408  
Ion Ratio Lower Upper  
278 100  
139 8.6 8.2 12.2  
279 23.4 19.6 29.4

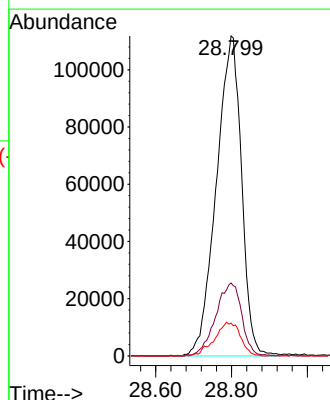
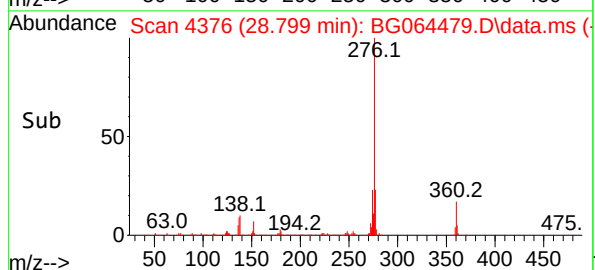
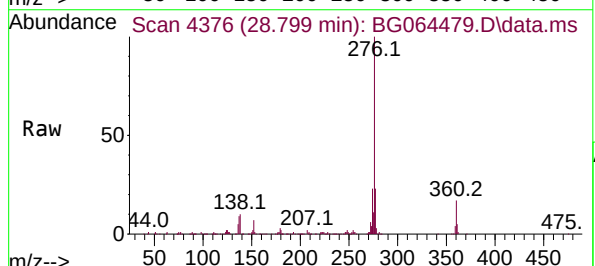
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 61.207 ng  
RT: 28.799 min Scan# 4376  
Delta R.T. 0.032 min  
Lab File: BG064479.D  
Acq: 2 Oct 2025 13:35

Tgt Ion:276 Resp: 513293  
Ion Ratio Lower Upper  
276 100  
277 22.8 17.8 26.6  
138 10.2 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064480.D  
 Acq On : 2 Oct 2025 14:16  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:24 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.825  | 152  | 22534    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.610 | 136  | 94569    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.453 | 164  | 72073    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.191 | 188  | 168856   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.415 | 240  | 171497   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.394 | 264  | 185893   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 189884   | 155.949 | ng    | 0.01     |
| 7) Phenol-d6                  | 7.009  | 99   | 250763   | 153.254 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.989  | 82   | 279078   | 158.678 | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 200950   | 153.817 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.078 | 172  | 755535   | 154.518 | ng    | 0.01     |
| 79) Terphenyl-d14             | 19.811 | 244  | 1375899  | 151.833 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.325  | 88   | 34310    | 71.240  | ng    | 94       |
| 3) Pyridine                   | 3.718  | 79   | 97843    | 75.592  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.636  | 42   | 73356    | 78.177  | ng    | 92       |
| 6) Aniline                    | 7.161  | 93   | 155867   | 75.518  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.396  | 128  | 114558   | 76.619  | ng    | 98       |
| 9) Benzaldehyde               | 6.968  | 77   | 93496    | 64.370  | ng    | 96       |
| 10) Phenol                    | 7.032  | 94   | 134875   | 78.138  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.255  | 93   | 89425    | 76.500  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.720  | 146  | 122844   | 75.107  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.861  | 146  | 124619   | 75.917  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.178  | 146  | 120364   | 74.398  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.066  | 79   | 118265   | 78.483  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.348  | 45   | 140388   | 74.507  | ng    | 96       |
| 17) 2-Methylphenol            | 8.272  | 107  | 97064    | 77.657  | ng    | 97       |
| 18) Hexachloroethane          | 8.901  | 117  | 49027    | 75.666  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.636  | 70   | 83485    | 76.290  | ng    | 91       |
| 20) 3+4-Methylphenols         | 8.607  | 107  | 134638   | 77.191  | ng    | 95       |
| 22) Acetophenone              | 8.648  | 105  | 183701   | 80.227  | ng    | # 98     |
| 24) Nitrobenzene              | 9.024  | 77   | 135264   | 77.123  | ng    | 97       |
| 25) Isophorone                | 9.553  | 82   | 245935   | 77.188  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.729  | 139  | 68332    | 78.281  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.794  | 122  | 106151   | 79.619  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.029 | 93   | 128813   | 79.313  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.264 | 162  | 125552   | 81.436  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.481 | 180  | 131315   | 78.115  | ng    | 94       |
| 31) Naphthalene               | 10.663 | 128  | 382573   | 78.560  | ng    | 98       |
| 32) Benzoic acid              | 10.011 | 122  | 91798m   | 89.680  | ng    |          |
| 33) 4-Chloroaniline           | 10.769 | 127  | 148423   | 79.425  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.951 | 225  | 109953   | 76.374  | ng    | 94       |
| 35) Caprolactam               | 11.580 | 113  | 40333    | 76.417  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.909 | 107  | 149274   | 79.618  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.273 | 142  | 291318   | 77.931  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.496 | 142  | 286731   | 76.924  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.643 | 216  | 186298   | 80.056  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.626 | 237  | 102505   | 84.207  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.884 | 196  | 119404   | 80.265  | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064480.D  
 Acq On : 2 Oct 2025 14:16  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 16:53:24 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.961 | 196  | 135525   | 81.602 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.290 | 154  | 399798   | 77.125 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.331 | 162  | 301691   | 77.951 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.530 | 65   | 105087   | 79.555 | ng    | 97       |
| 49) Acenaphthylene            | 14.177 | 152  | 445834   | 77.600 | ng    | 98       |
| 50) Dimethylphthalate         | 13.912 | 163  | 430419   | 76.251 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.036 | 165  | 91191    | 77.551 | ng    | 91       |
| 52) Acenaphthene              | 14.518 | 154  | 305038   | 76.421 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.365 | 138  | 85333    | 78.688 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.570 | 184  | 63374    | 74.326 | ng    | 91       |
| 55) Dibenzofuran              | 14.852 | 168  | 505395   | 76.684 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.676 | 139  | 66912    | 78.369 | ng    | 84       |
| 57) 2,4-Dinitrotoluene        | 14.823 | 165  | 137560   | 76.527 | ng    | 96       |
| 58) Fluorene                  | 15.505 | 166  | 420400   | 76.728 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.082 | 232  | 131866   | 77.799 | ng    | 99       |
| 60) Diethylphthalate          | 15.281 | 149  | 454922   | 75.126 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.499 | 204  | 228883   | 76.517 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.534 | 138  | 92207    | 81.579 | ng    | 91       |
| 63) Azobenzene                | 15.793 | 77   | 350430   | 74.723 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 198  | 97300    | 82.760 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.716 | 169  | 357258   | 79.230 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.386 | 248  | 162931   | 81.997 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.509 | 284  | 182054   | 80.068 | ng    | 97       |
| 69) Atrazine                  | 16.662 | 200  | 148051   | 73.799 | ng    | 99       |
| 70) Pentachlorophenol         | 16.850 | 266  | 117991   | 88.752 | ng    | 97       |
| 71) Phenanthrene              | 17.238 | 178  | 682440   | 77.283 | ng    | 99       |
| 72) Anthracene                | 17.326 | 178  | 694820   | 78.433 | ng    | 99       |
| 73) Carbazole                 | 17.596 | 167  | 594667   | 77.661 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.160 | 149  | 726555   | 77.727 | ng    | 100      |
| 75) Fluoranthene              | 19.247 | 202  | 812928   | 77.060 | ng    | 99       |
| 77) Benzidine                 | 19.424 | 184  | 246468   | 57.755 | ng    | 98       |
| 78) Pyrene                    | 19.606 | 202  | 844065   | 75.840 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.499 | 149  | 314484   | 79.710 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.398 | 228  | 859554   | 78.497 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.321 | 252  | 288449   | 77.829 | ng    | 98       |
| 83) Chrysene                  | 21.462 | 228  | 807967   | 77.803 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149  | 451147   | 81.044 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.449 | 149  | 747301   | 79.877 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.767 | 276  | 1017303  | 78.621 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.460 | 252  | 824972   | 78.008 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.525 | 252  | 849303   | 79.738 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.265 | 252  | 771257   | 79.130 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.820 | 278  | 829660   | 80.178 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.818 | 276  | 778918   | 77.460 | ng    | 99       |

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



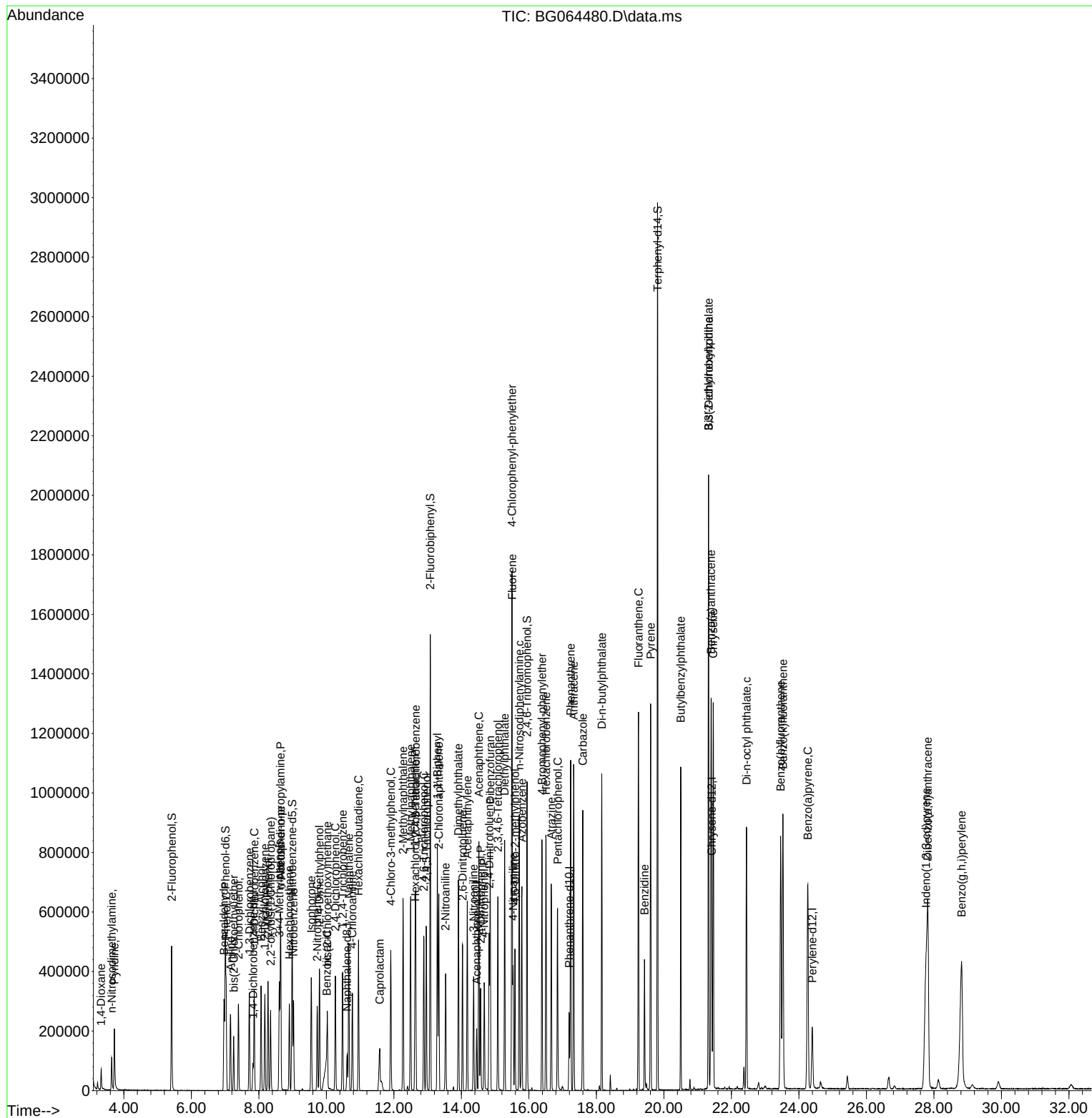
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Data File : BG064480.D  
Acq On : 2 Oct 2025 14:16  
Operator : RC/JU  
Sample : SSTDICC080  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

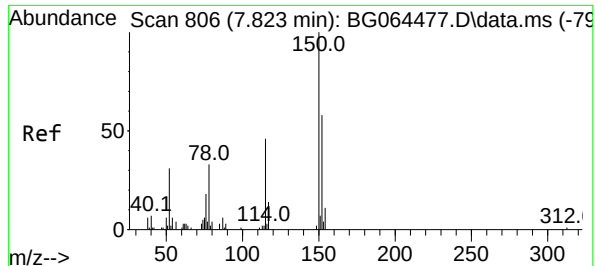
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC080

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

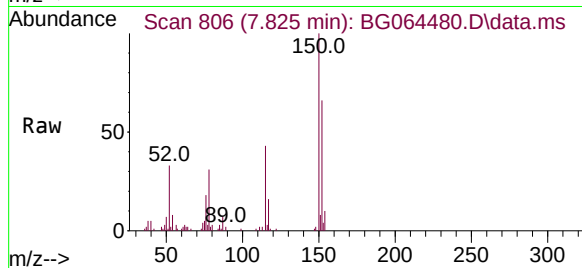
Quant Time: Oct 02 16:53:24 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.825 min Scan# 80  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

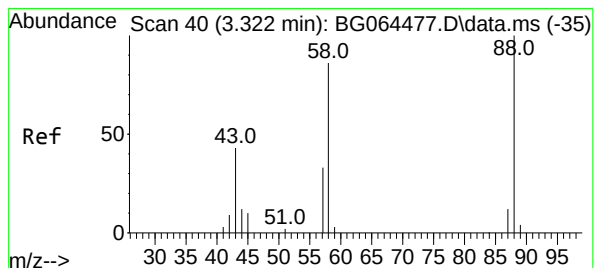
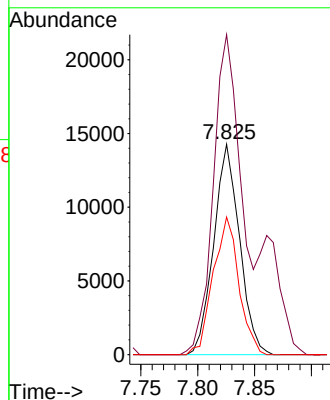
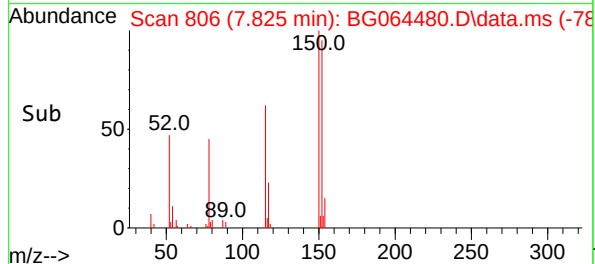
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:152 Resp: 22534  
Ion Ratio Lower Upper  
152 100  
150 152.2 138.6 207.8  
115 65.4 63.4 95.2

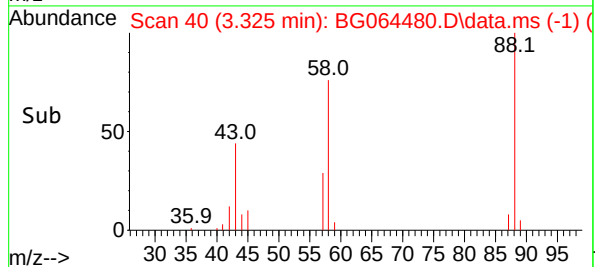
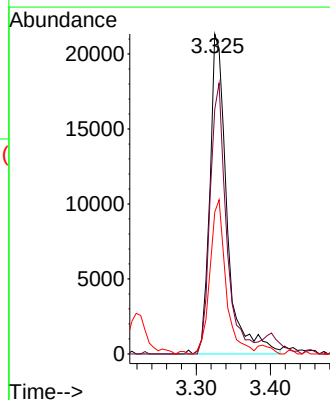
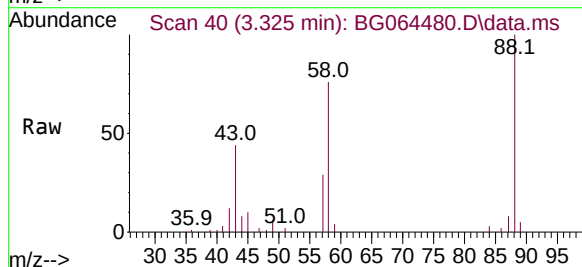
Manual Integrations  
APPROVED

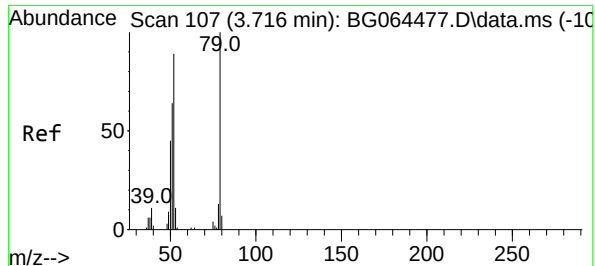
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#2  
1,4-Dioxane  
Concen: 71.240 ng  
RT: 3.325 min Scan# 40  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

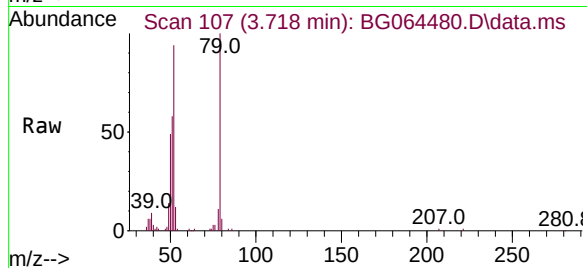
Tgt Ion: 88 Resp: 34310  
Ion Ratio Lower Upper  
88 100  
58 79.9 69.8 104.6  
43 44.7 37.4 56.0





#3  
Pyridine  
Concen: 75.592 ng  
RT: 3.718 min Scan# 107  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

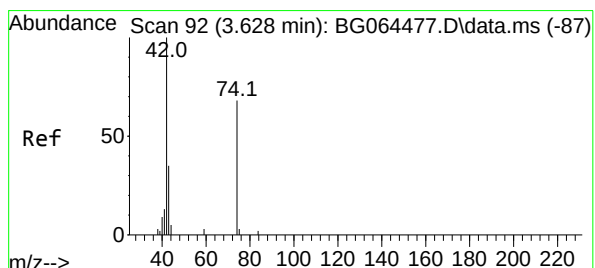
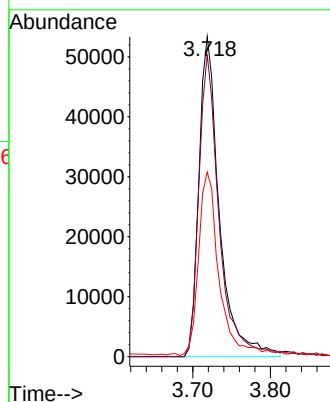
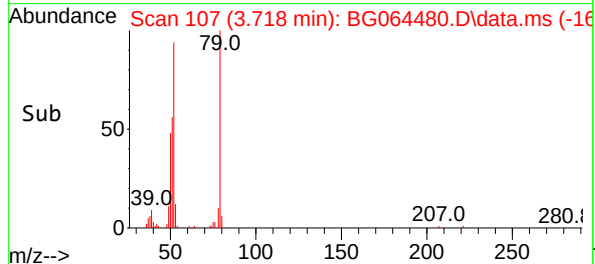
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 79 Resp: 97843  
Ion Ratio Lower Upper  
79 100  
52 94.4 71.0 106.4  
51 57.7 51.0 76.6

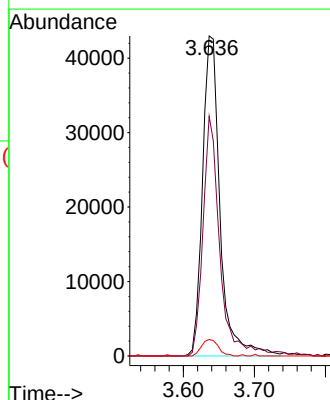
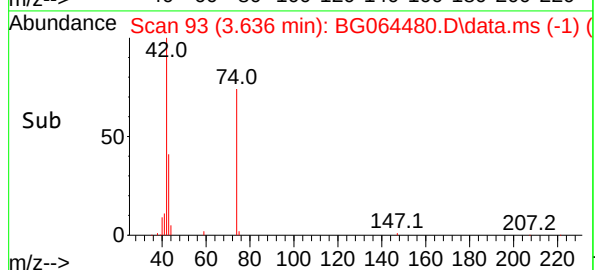
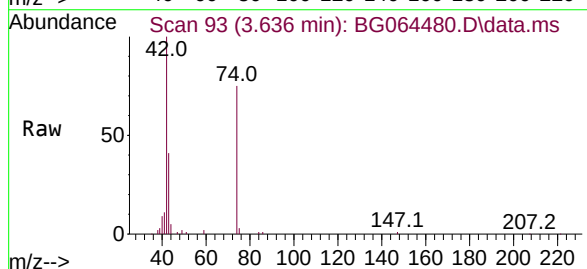
Manual Integrations  
APPROVED

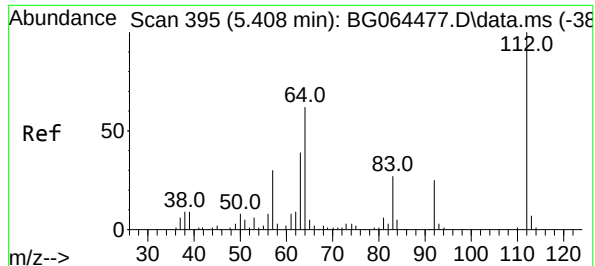
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#4  
n-Nitrosodimethylamine  
Concen: 78.177 ng  
RT: 3.636 min Scan# 93  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 42 Resp: 73356  
Ion Ratio Lower Upper  
42 100  
74 74.9 54.2 81.4  
44 5.1 4.2 6.2





#5

2-Fluorophenol

Concen: 155.949 ng

RT: 5.416 min Scan# 395

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 189884

Ion Ratio Lower Upper

112 100

64 63.8 49.8 74.8

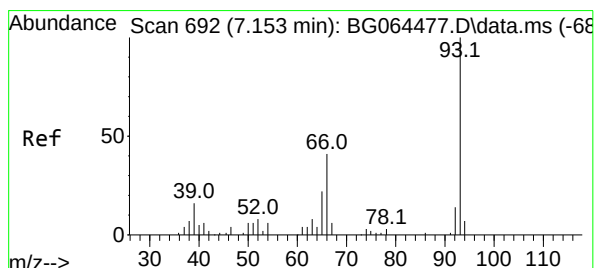
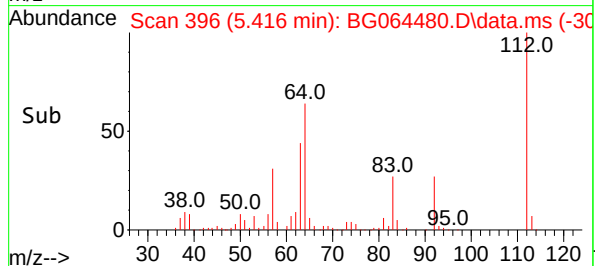
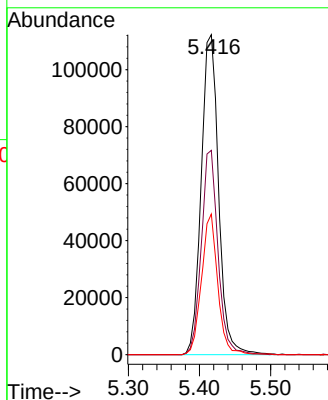
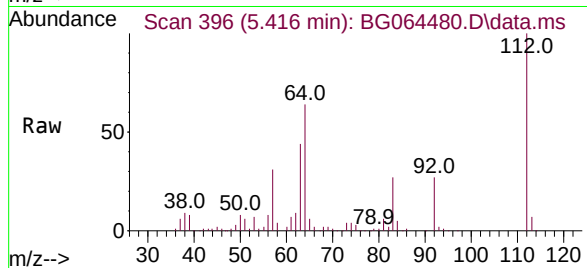
63 43.9 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#6

Aniline

Concen: 75.518 ng

RT: 7.161 min Scan# 693

Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

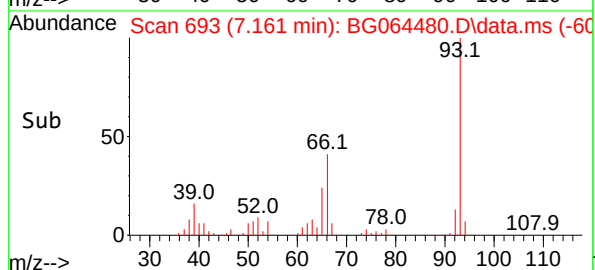
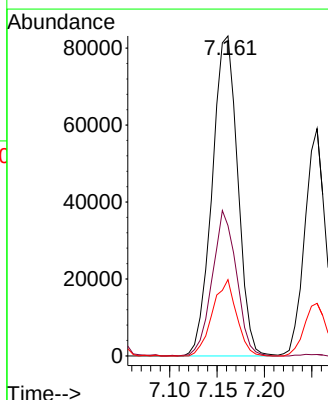
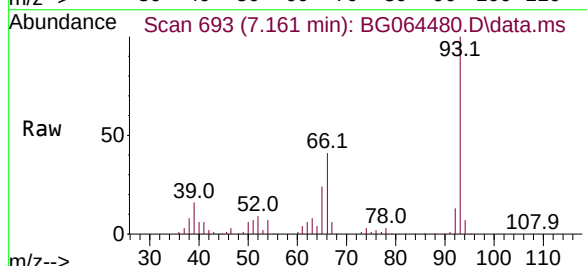
Tgt Ion: 93 Resp: 155867

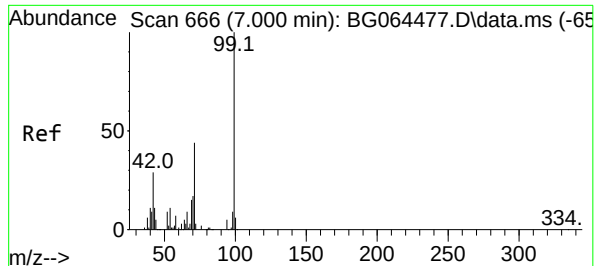
Ion Ratio Lower Upper

93 100

66 40.7 33.0 49.4

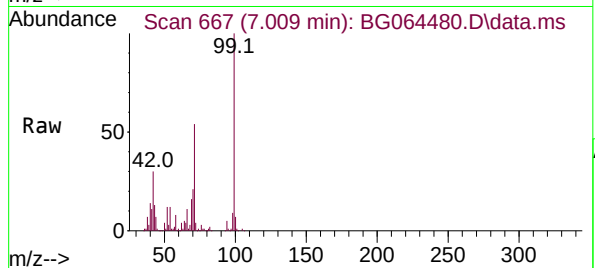
65 23.8 17.5 26.3





#7  
Phenol-d6  
Concen: 153.254 ng  
RT: 7.009 min Scan# 667  
Delta R.T. 0.023 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

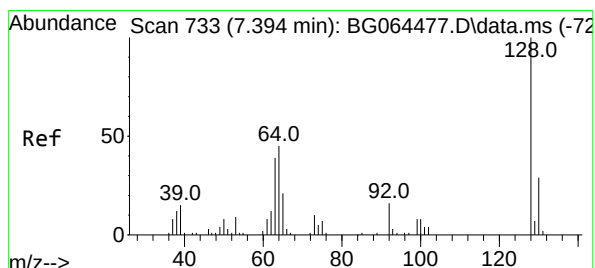
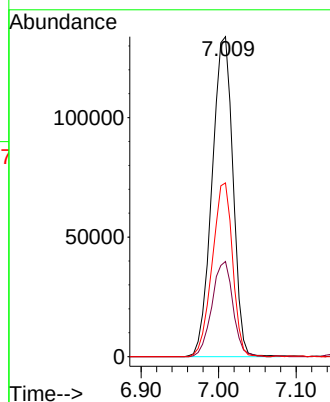
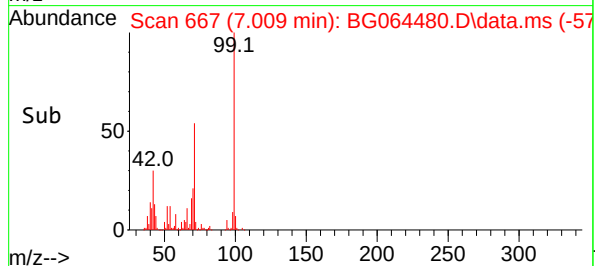
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 99 Resp: 250763  
Ion Ratio Lower Upper  
99 100  
42 29.7 22.9 34.3  
71 54.3 35.4 53.2

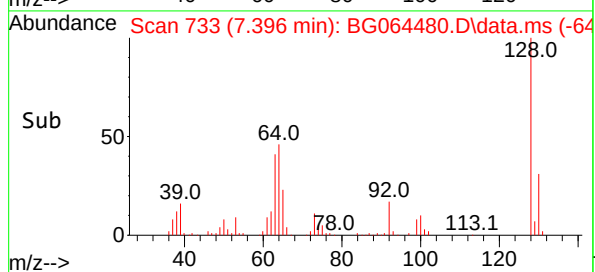
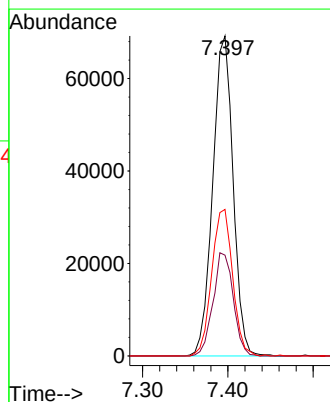
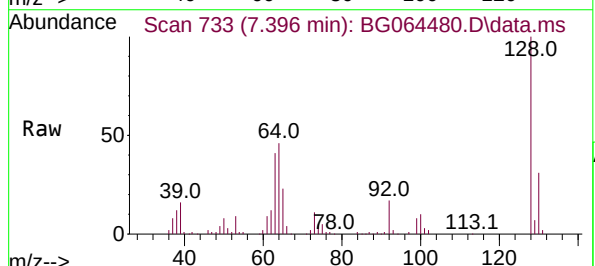
Manual Integrations  
APPROVED

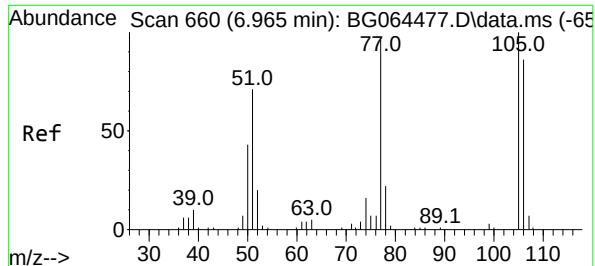
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#8  
2-Chlorophenol  
Concen: 76.619 ng  
RT: 7.396 min Scan# 733  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

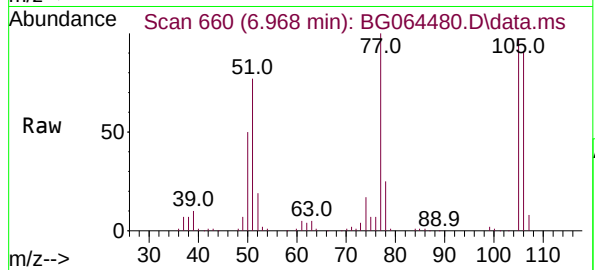
Tgt Ion:128 Resp: 114558  
Ion Ratio Lower Upper  
128 100  
130 31.5 9.2 49.2  
64 45.8 25.5 65.5





#9  
Benzaldehyde  
Concen: 64.370 ng  
RT: 6.968 min Scan# 60  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

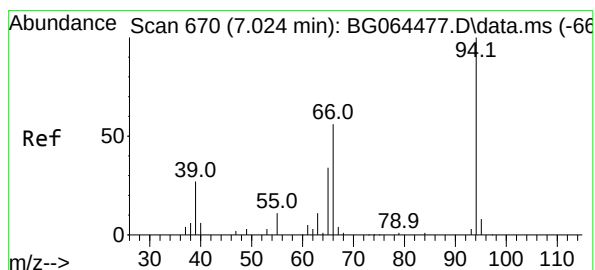
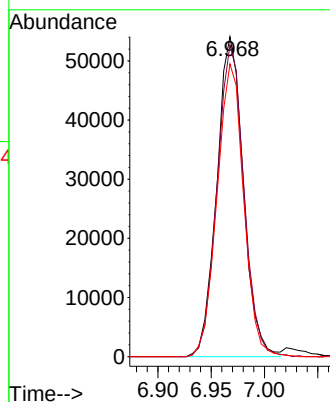
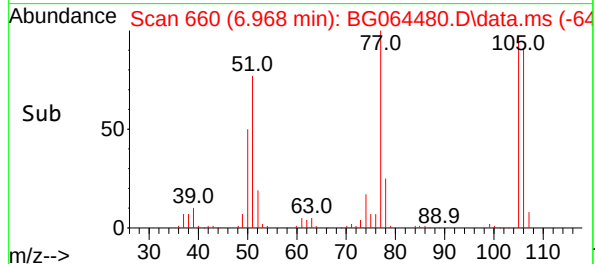
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 77 Resp: 93496  
Ion Ratio Lower Upper  
77 100  
105 97.4 83.7 123.7  
106 91.5 69.4 109.4

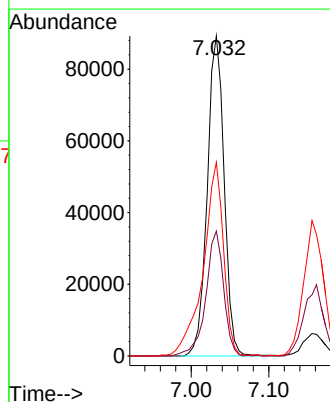
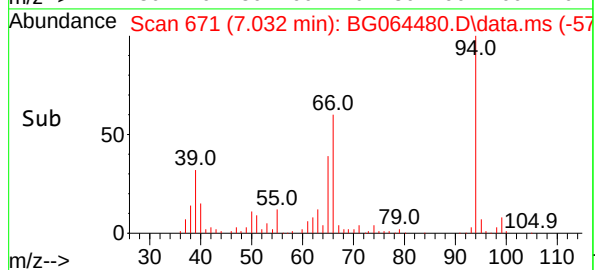
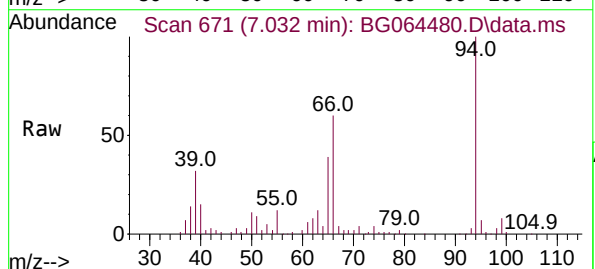
Manual Integrations  
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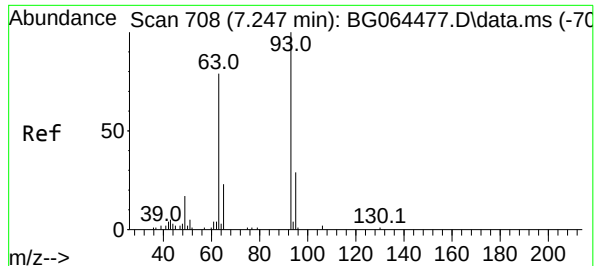
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#10  
Phenol  
Concen: 78.138 ng  
RT: 7.032 min Scan# 671  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 94 Resp: 134875  
Ion Ratio Lower Upper  
94 100  
65 39.0 14.8 54.8  
66 60.5 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 76.500 ng

RT: 7.255 min Scan# 708

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

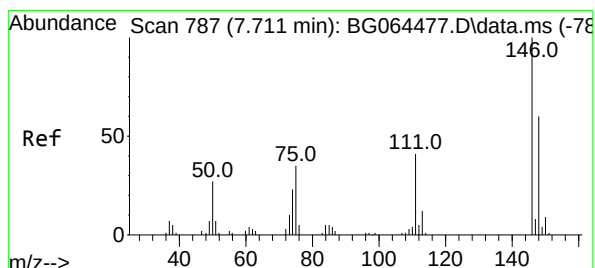
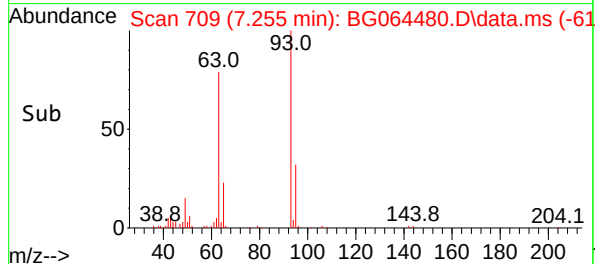
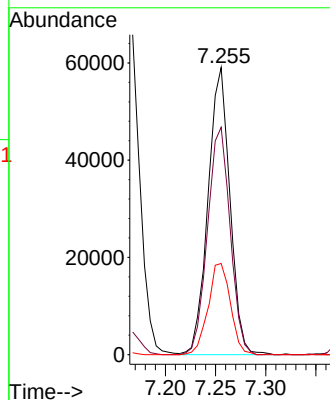
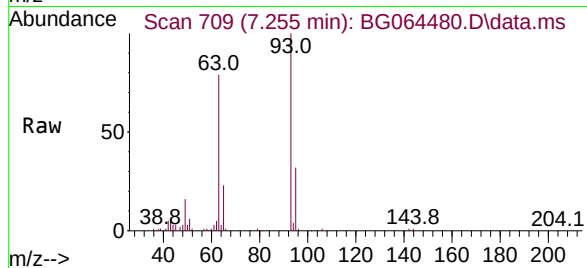
SSTDICC080

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 89425 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 79.2  | 59.5  | 99.5  |
| 95       | 31.7  | 8.8   | 48.8  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 75.107 ng

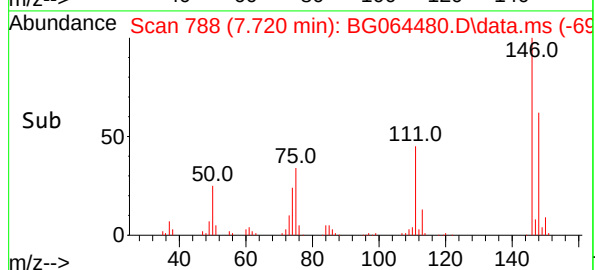
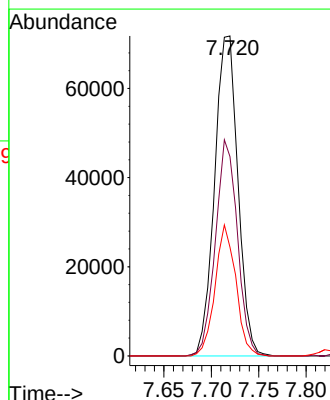
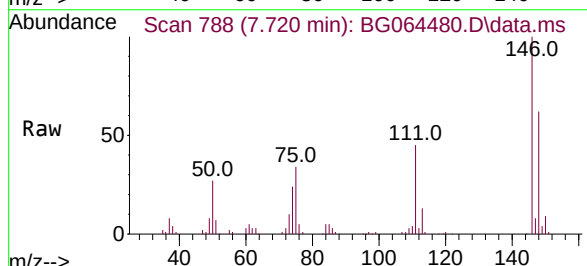
RT: 7.720 min Scan# 788

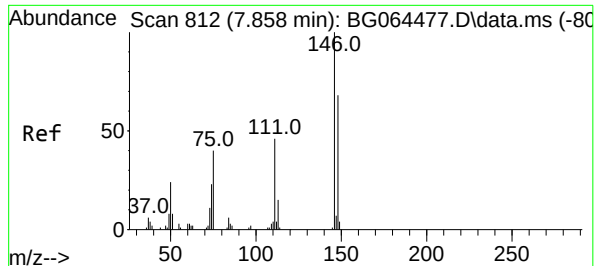
Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 122844 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 62.3  | 48.4  | 72.6   |
| 75       | 34.0  | 28.3  | 42.5   |





#13

1,4-Dichlorobenzene

Concen: 75.917 ng

RT: 7.861 min Scan# 812

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 124619

Ion Ratio Lower Upper

146 100

148 65.4 54.4 81.6

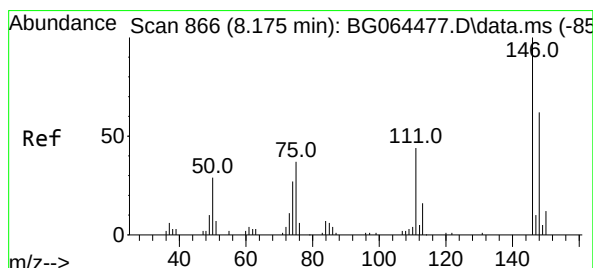
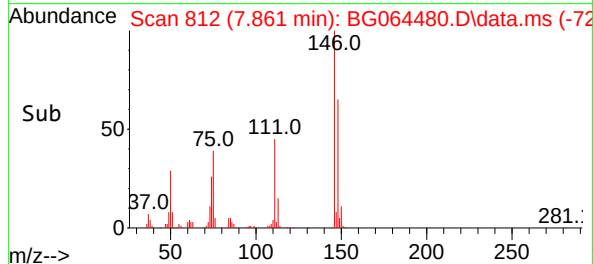
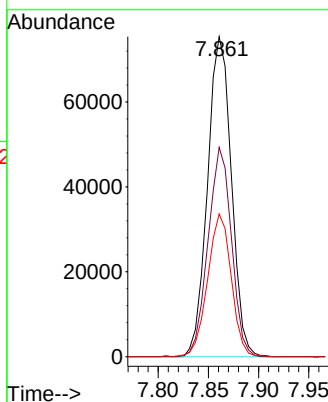
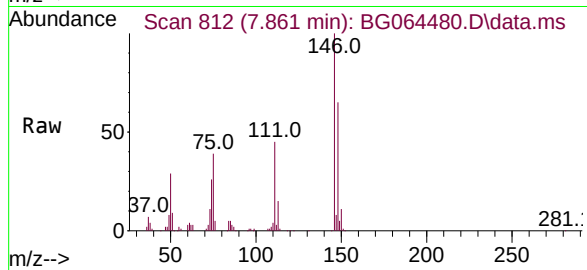
111 44.6 36.5 54.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 74.398 ng

RT: 8.178 min Scan# 866

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

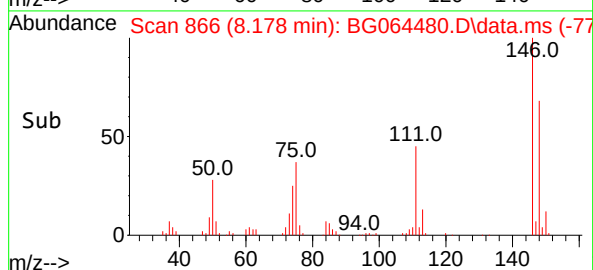
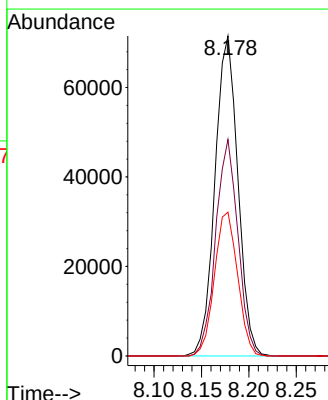
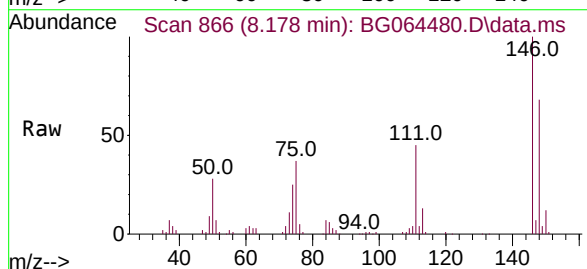
Tgt Ion:146 Resp: 120364

Ion Ratio Lower Upper

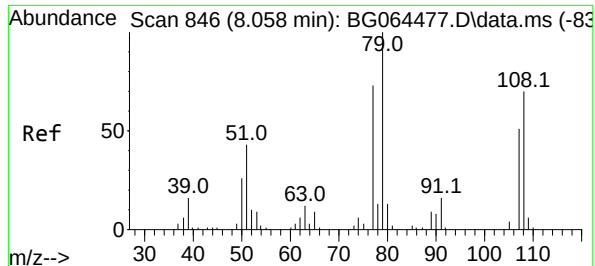
146 100

148 67.6 50.0 75.0

111 44.9 35.0 52.4







#15

Benzyl Alcohol

Concen: 78.483 ng

RT: 8.066 min Scan# 84

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 11826

Ion Ratio Lower Upper

79 100

108 72.7 56.4 84.6

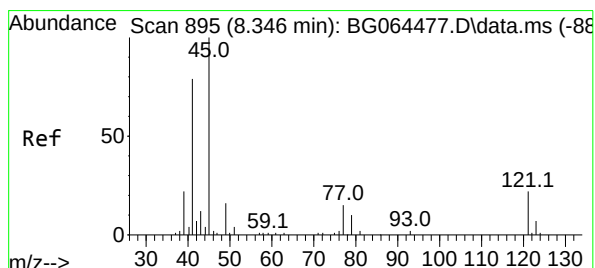
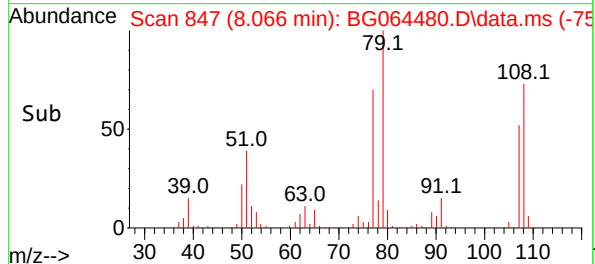
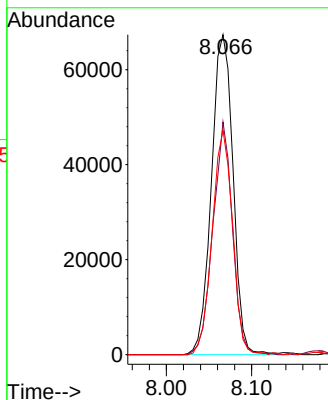
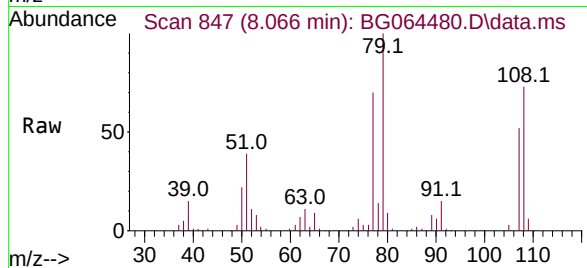
77 70.1 58.3 87.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 74.507 ng

RT: 8.348 min Scan# 895

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

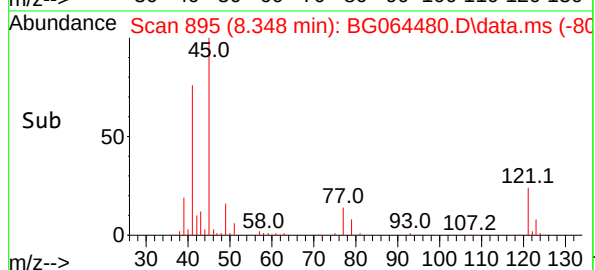
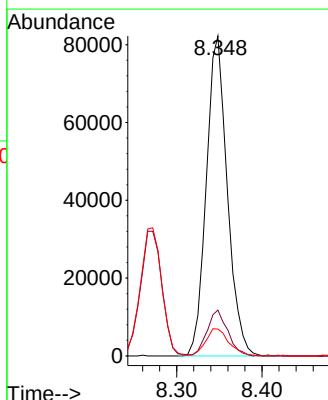
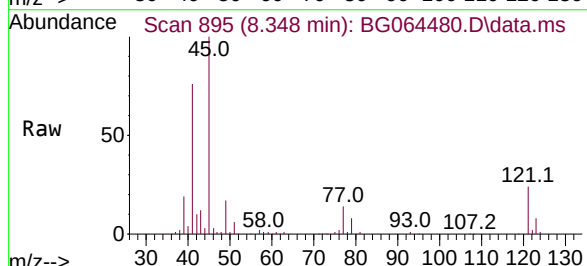
Tgt Ion: 45 Resp: 140388

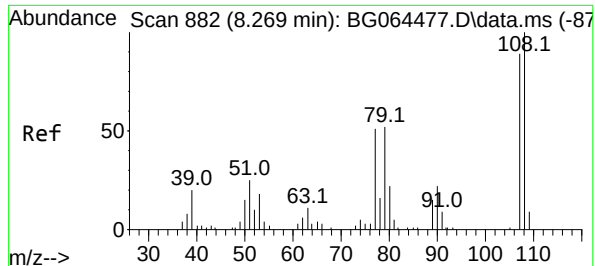
Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.6

79 8.4 0.0 30.7





#17

2-Methylphenol

Concen: 77.657 ng

RT: 8.272 min Scan# 882

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 97064

Ion Ratio Lower Upper

107 100

108 118.1 90.3 135.5

77 56.3 46.0 69.0

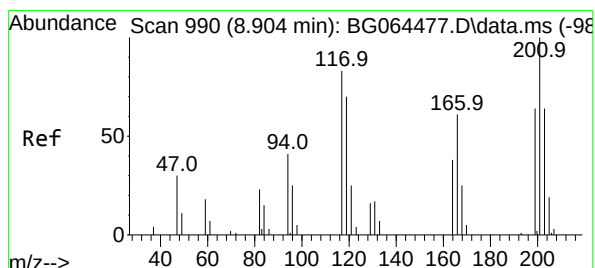
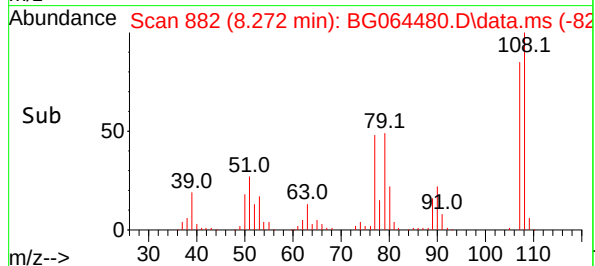
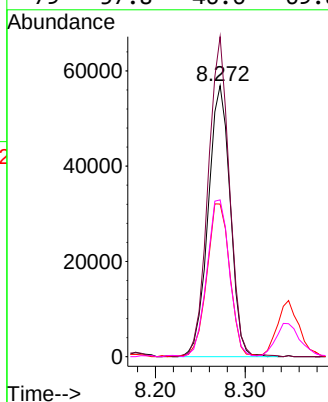
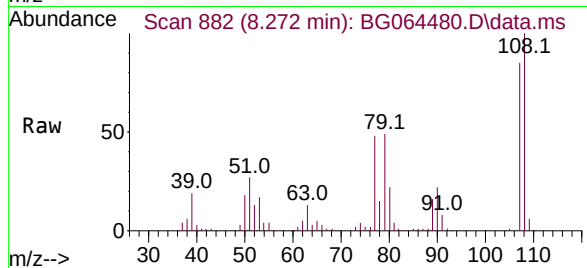
79 57.8 46.6 69.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 75.666 ng

RT: 8.901 min Scan# 989

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

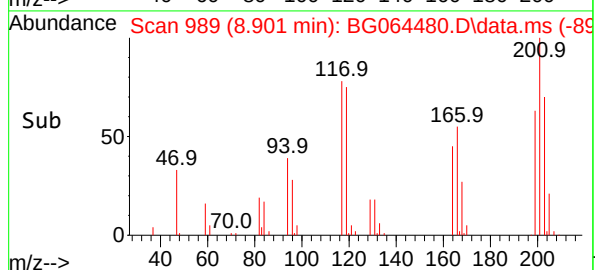
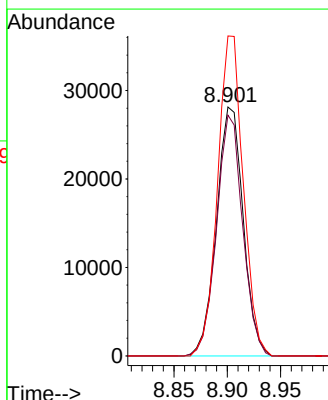
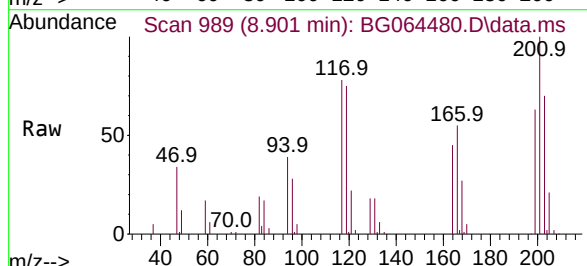
Tgt Ion:117 Resp: 49027

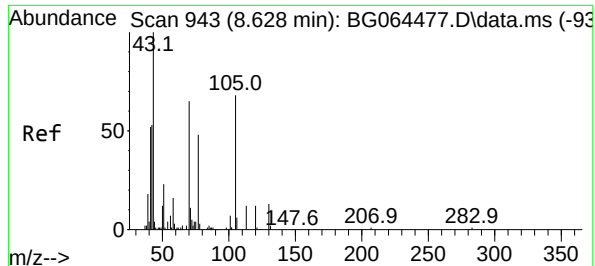
Ion Ratio Lower Upper

117 100

119 96.7 67.4 101.0

201 128.6 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 76.290 ng

RT: 8.636 min Scan# 94

Delta R.T. 0.023 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 83485

Ion Ratio Lower Upper

70 100

42 90.4 64.9 97.3

101 10.3 8.7 13.1

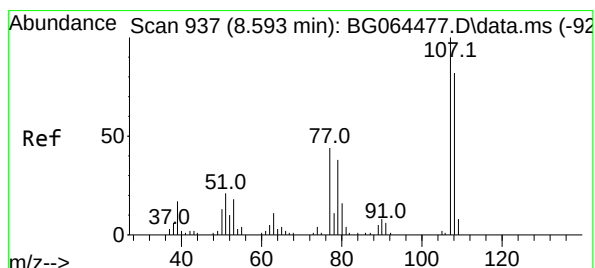
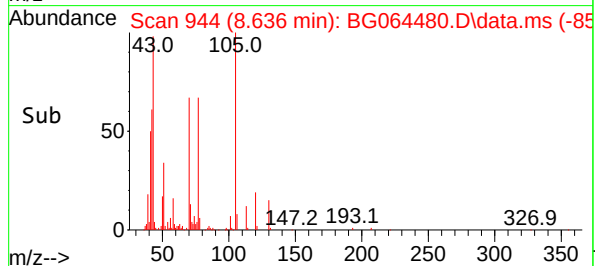
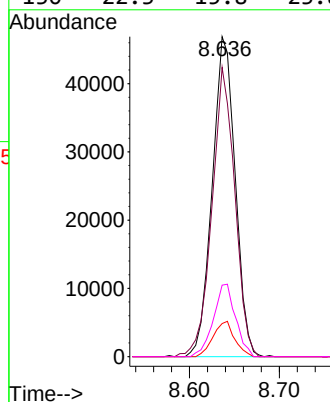
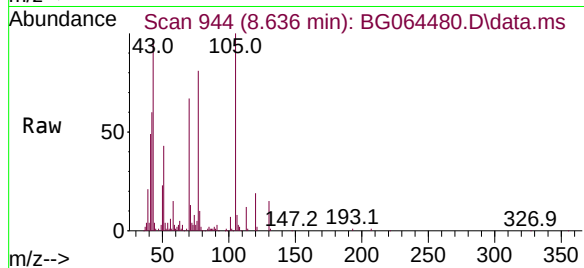
130 22.3 15.8 23.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 77.191 ng

RT: 8.607 min Scan# 939

Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Tgt Ion:107 Resp: 134638

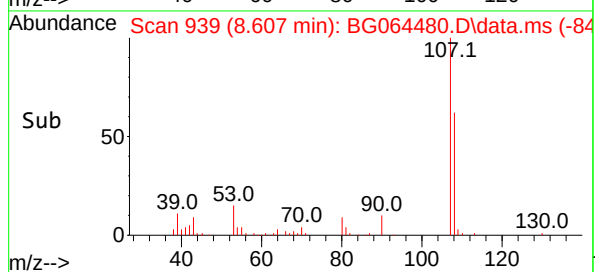
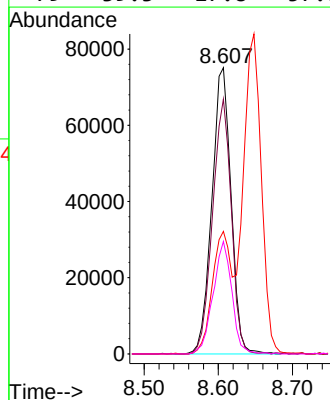
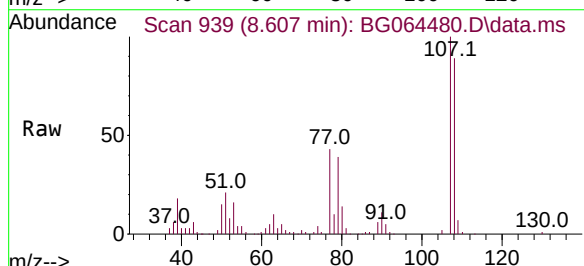
Ion Ratio Lower Upper

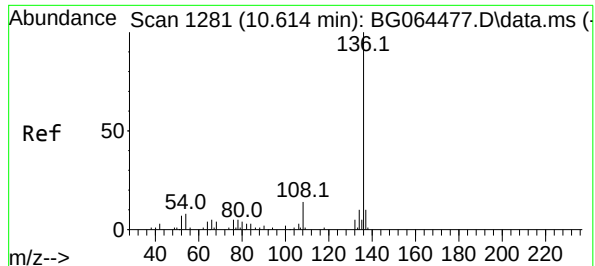
107 100

108 89.1 62.1 102.1

77 42.8 23.5 63.5

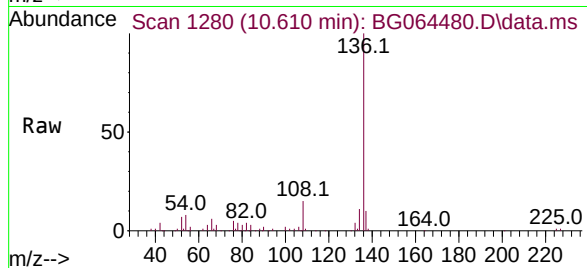
79 39.3 17.8 57.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.610 min Scan# 1281  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

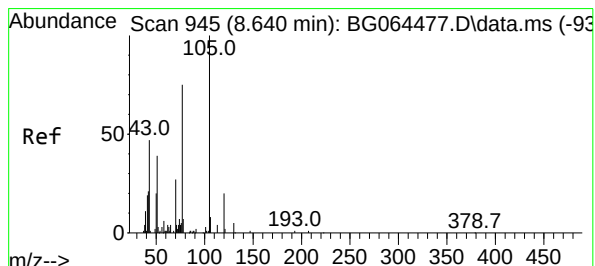
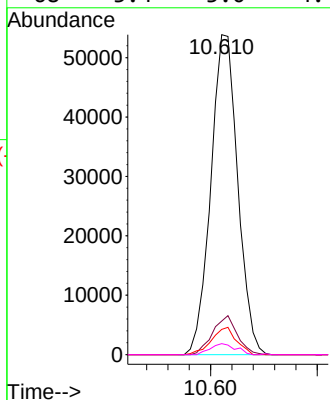
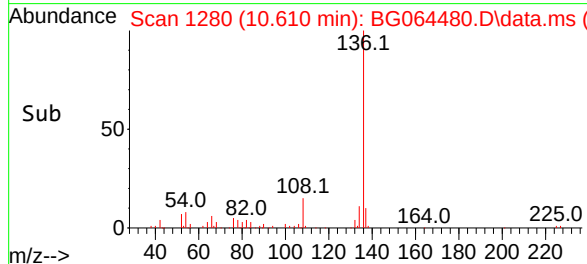
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:136 Resp: 94569  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.3 12.5  
54 7.9 6.2 9.4  
68 3.4 3.0 4.4

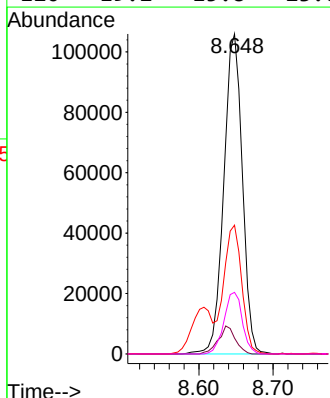
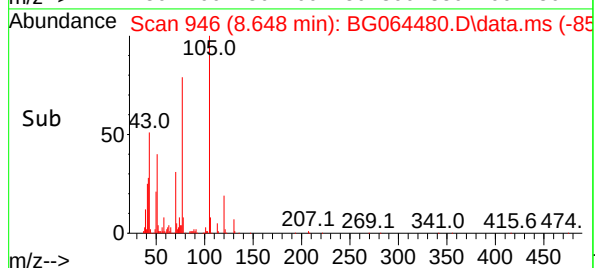
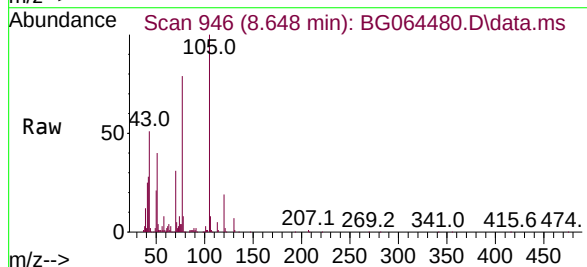
Manual Integrations  
APPROVED

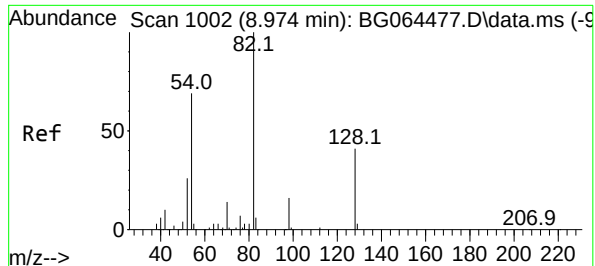
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#22  
Acetophenone  
Concen: 80.227 ng  
RT: 8.648 min Scan# 946  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:105 Resp: 183701  
Ion Ratio Lower Upper  
105 100  
71 4.9 2.8 4.2#  
51 40.2 33.0 49.4  
120 19.2 15.8 23.6





#23

Nitrobenzene-d5

Concen: 158.678 ng

RT: 8.989 min Scan# 1004

Delta R.T. 0.023 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 279078

Ion Ratio Lower Upper

82 100

128 41.3 33.1 49.7

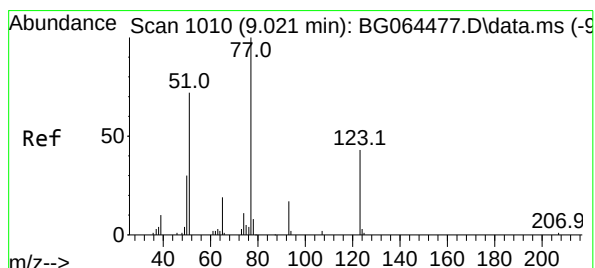
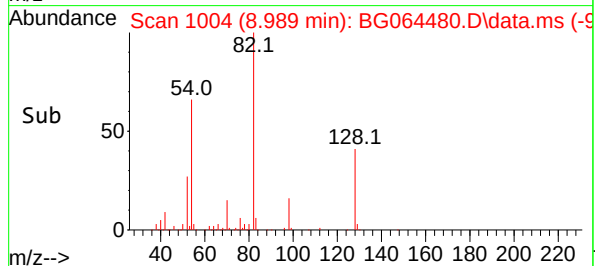
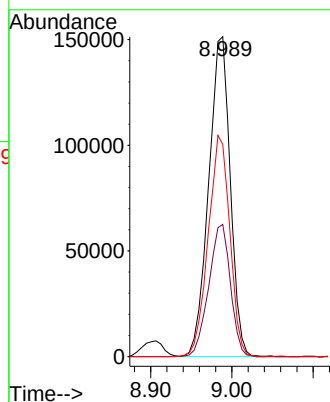
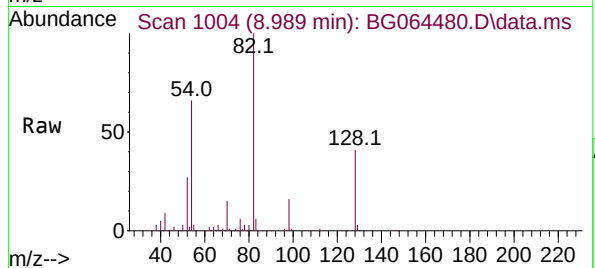
54 66.3 55.4 83.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 77.123 ng

RT: 9.024 min Scan# 1010

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

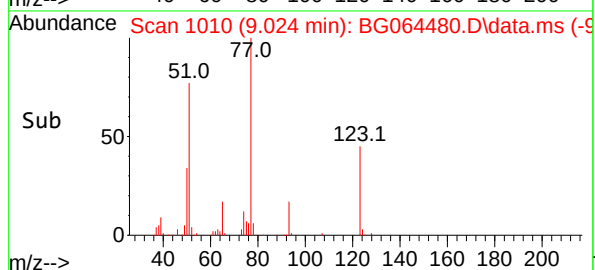
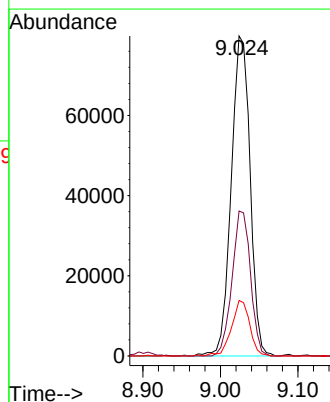
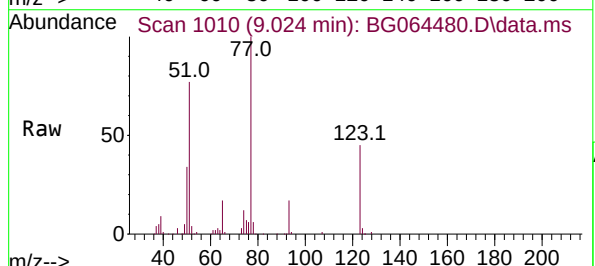
Tgt Ion: 77 Resp: 135264

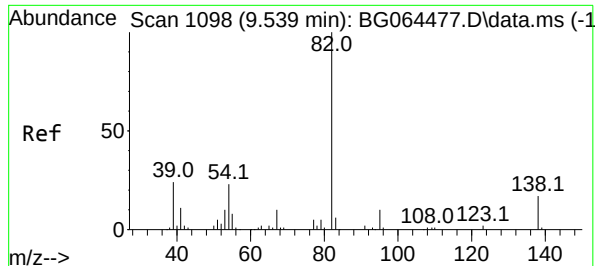
Ion Ratio Lower Upper

77 100

123 45.3 34.4 51.6

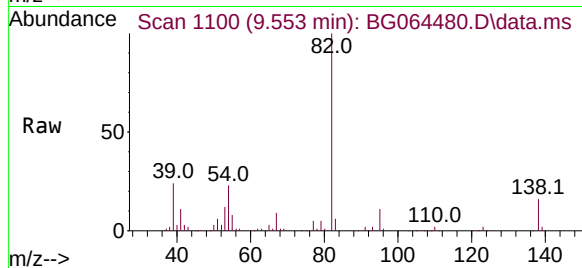
65 17.3 14.8 22.2





#25  
Isophorone  
Concen: 77.188 ng  
RT: 9.553 min Scan# 1100  
Delta R.T. 0.023 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

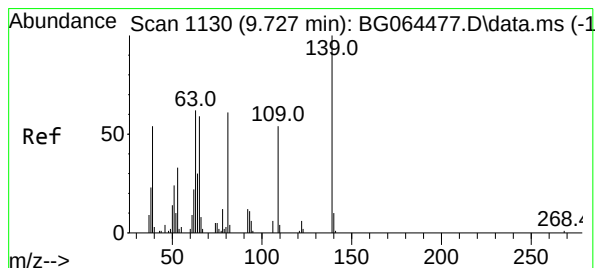
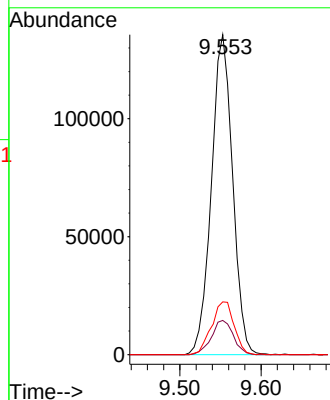
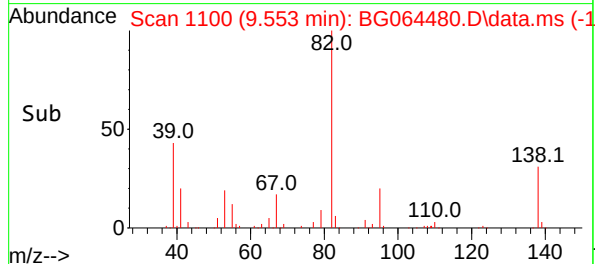
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



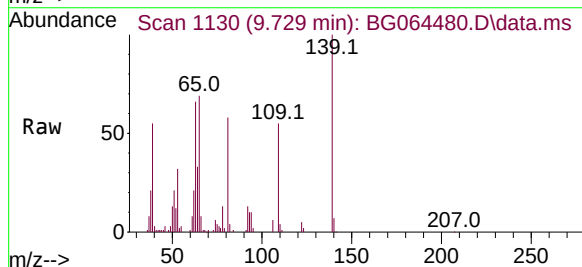
Tgt Ion: 82 Resp: 245935  
Ion Ratio Lower Upper  
82 100  
95 10.7 7.8 11.8  
138 16.5 13.8 20.6

Manual Integrations  
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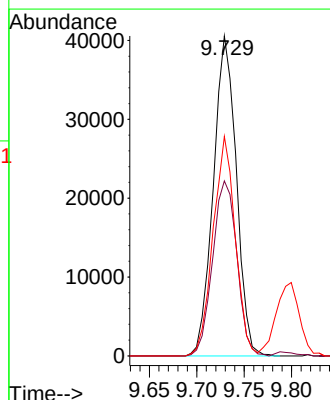
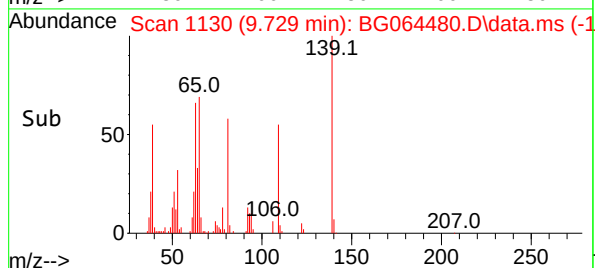
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

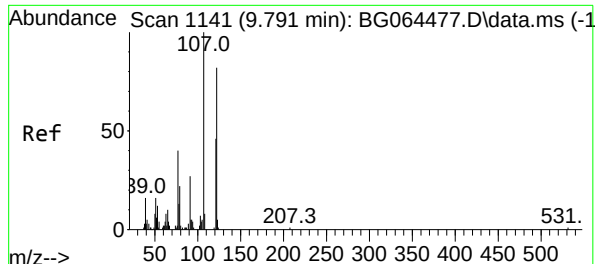


#26  
2-Nitrophenol  
Concen: 78.281 ng  
RT: 9.729 min Scan# 1130  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



Tgt Ion:139 Resp: 68332  
Ion Ratio Lower Upper  
139 100  
109 54.7 43.0 64.6  
65 68.6 47.4 71.2





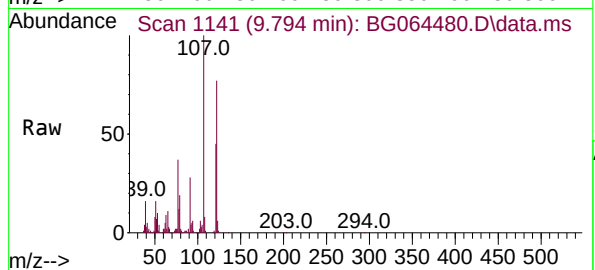
#27  
2,4-Dimethylphenol  
Concen: 79.619 ng  
RT: 9.794 min Scan# 1141  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



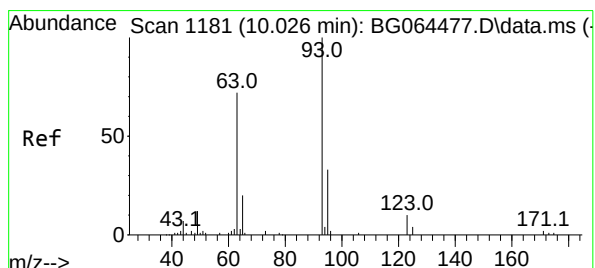
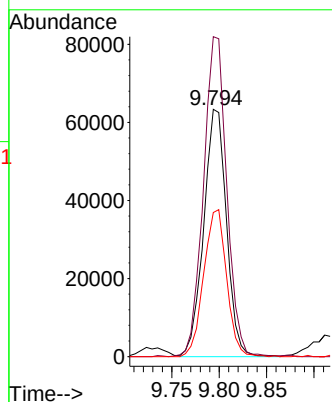
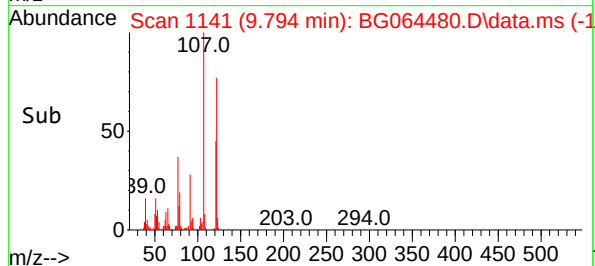
Tgt Ion:122 Resp: 10615  
Ion Ratio Lower Upper  
122 100  
107 129.4 98.3 147.5  
121 58.2 44.7 67.1

Manual Integrations

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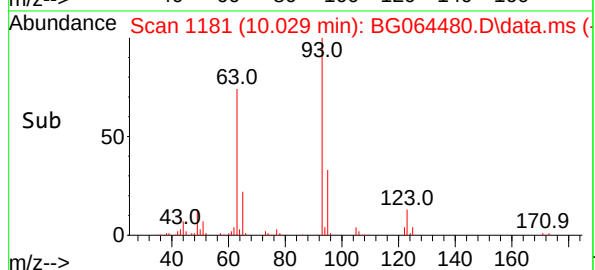
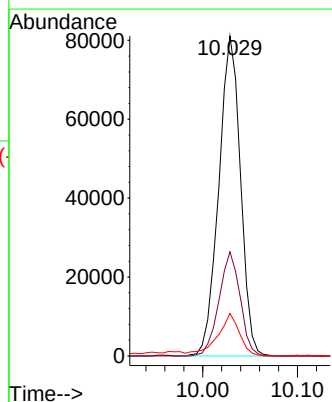
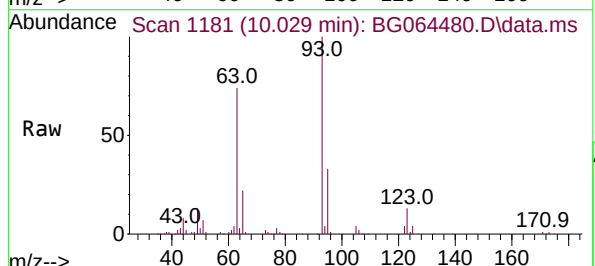
Reviewed By :Rahul Chavli 10/03/2025

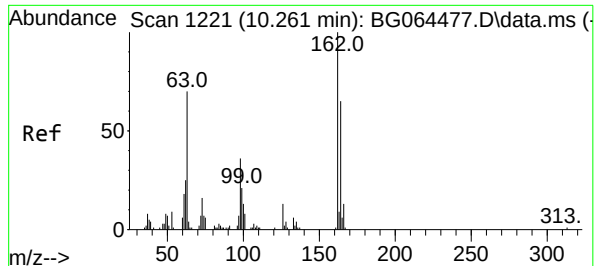
Supervised By :Jagrut Upadhyay 10/03/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 79.313 ng  
RT: 10.029 min Scan# 1181  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion: 93 Resp: 128813  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.5 39.7  
123 13.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 81.436 ng

RT: 10.264 min Scan# 1221

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 125552

Ion Ratio Lower Upper

162 100

164 62.5 45.4 85.4

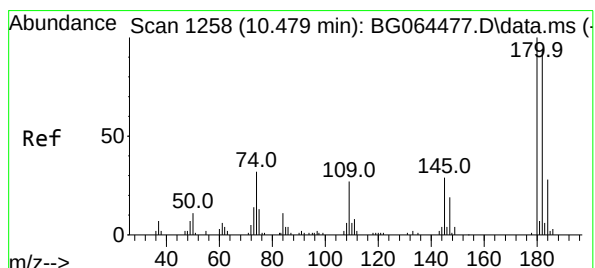
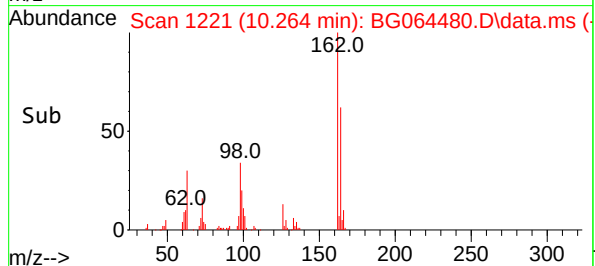
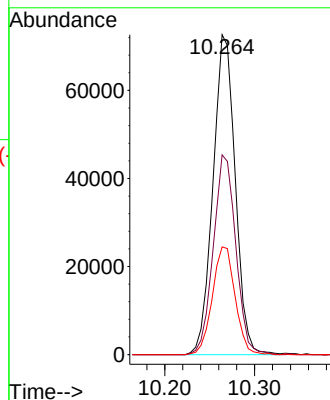
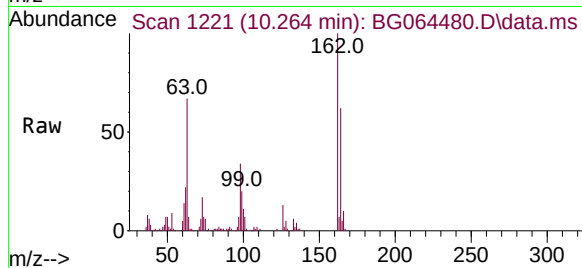
98 33.7 16.4 56.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 78.115 ng

RT: 10.481 min Scan# 1258

Delta R.T. 0.011 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

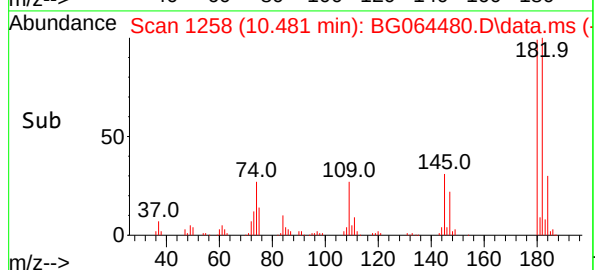
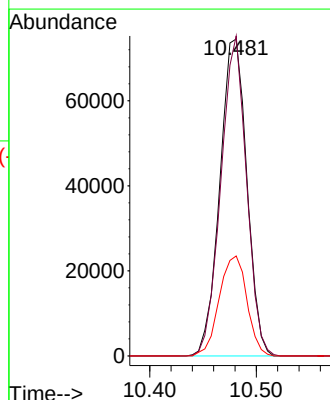
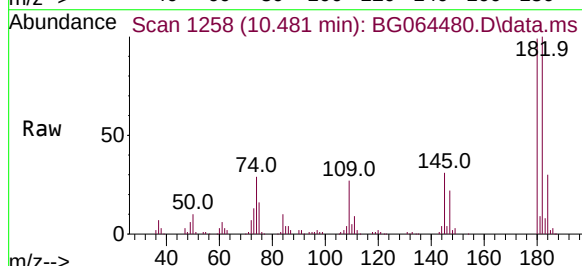
Tgt Ion:180 Resp: 131315

Ion Ratio Lower Upper

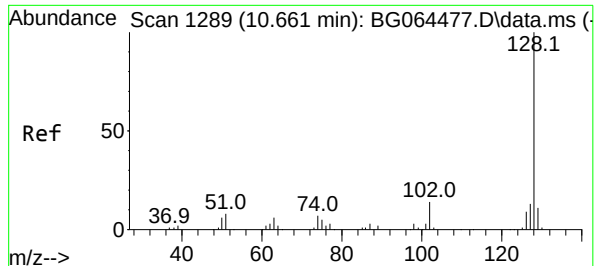
180 100

182 101.0 75.4 113.2

145 31.5 23.2 34.8

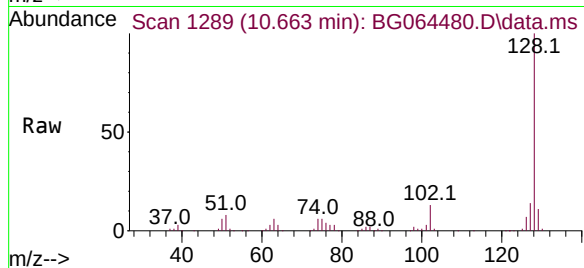






#31  
Naphthalene  
Concen: 78.560 ng  
RT: 10.663 min Scan# 1178  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

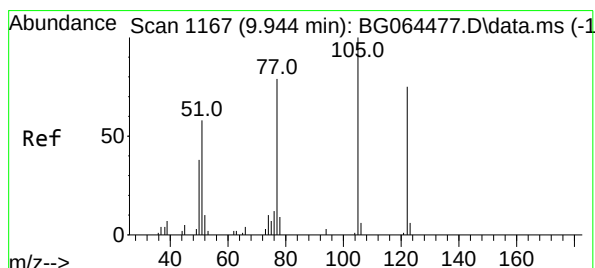
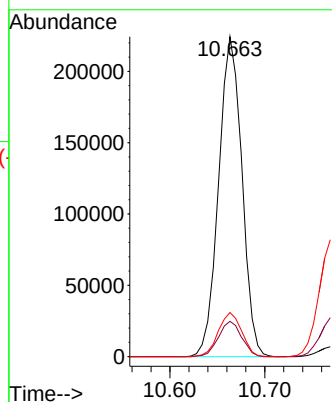
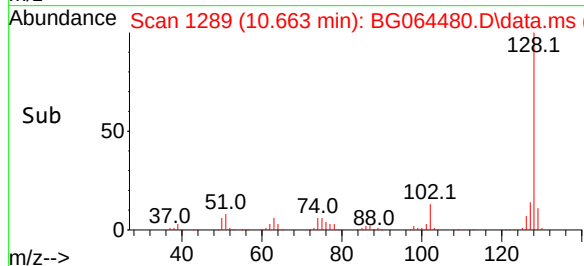
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:128 Resp: 382573  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.8 10.2 15.2

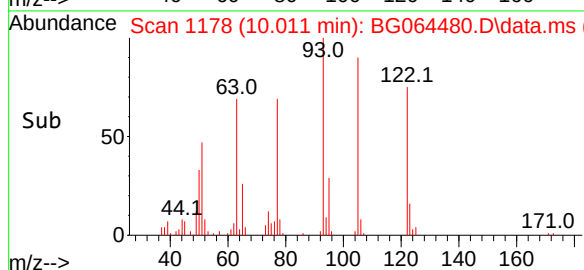
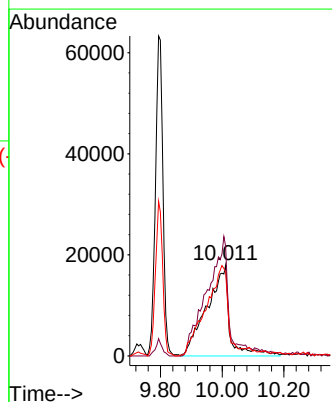
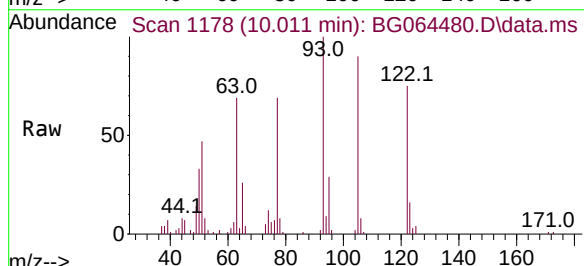
Manual Integrations  
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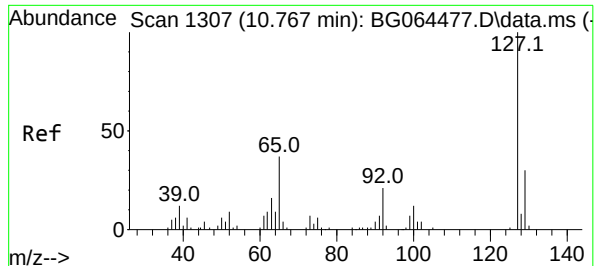
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#32  
Benzoic acid  
Concen: 89.680 ng m  
RT: 10.011 min Scan# 1178  
Delta R.T. 0.122 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

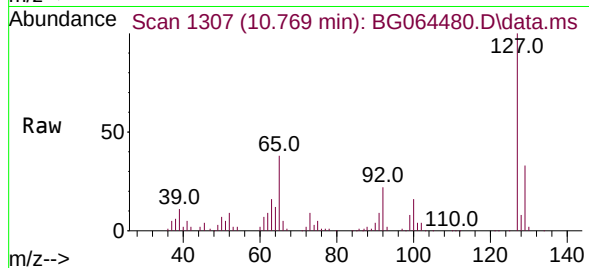
Tgt Ion:122 Resp: 91798  
Ion Ratio Lower Upper  
122 100  
105 120.9 113.9 153.9  
77 92.4 86.1 126.1





#33  
4-Chloroaniline  
Concen: 79.425 ng  
RT: 10.769 min Scan# 1307  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

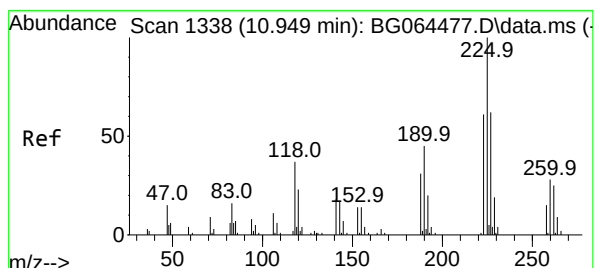
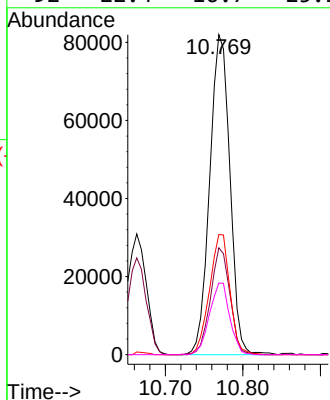
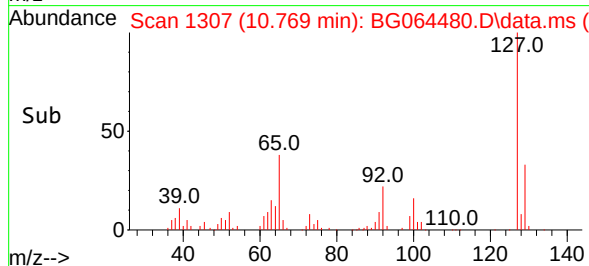
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



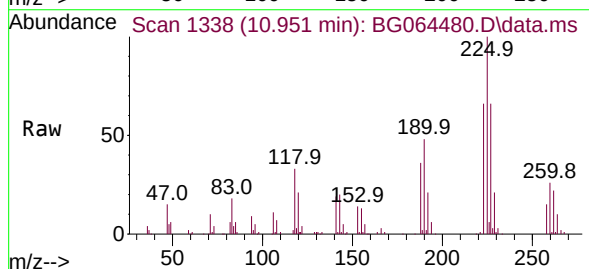
Tgt Ion:127 Resp: 148423  
Ion Ratio Lower Upper  
127 100  
129 33.4 24.2 36.4  
65 37.5 29.6 44.4  
92 22.4 16.7 25.1

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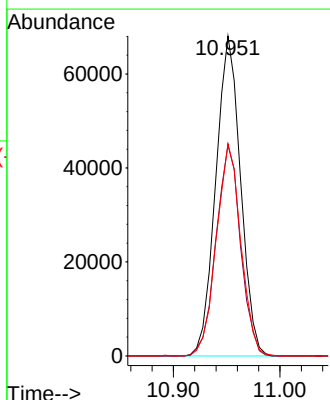
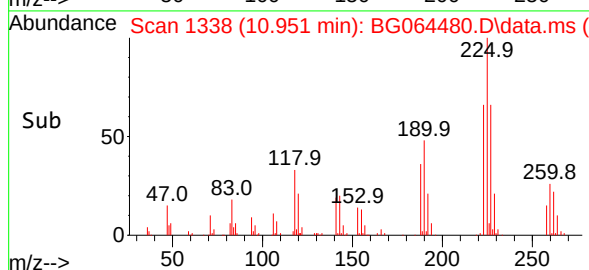
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

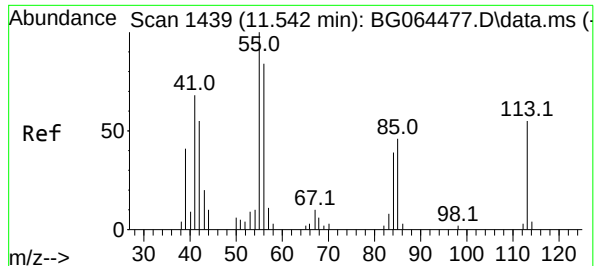


#34  
Hexachlorobutadiene  
Concen: 76.374 ng  
RT: 10.951 min Scan# 1338  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



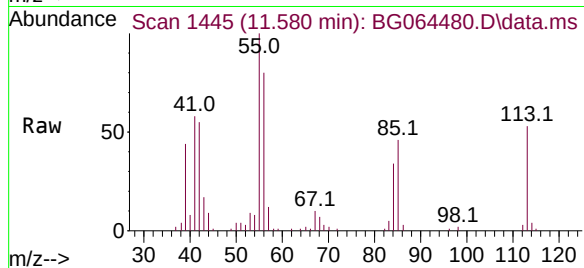
Tgt Ion:225 Resp: 109953  
Ion Ratio Lower Upper  
225 100  
223 65.9 49.0 73.6  
227 66.3 49.9 74.9





#35  
Caprolactam  
Concen: 76.417 ng  
RT: 11.580 min Scan# 1439  
Delta R.T. 0.070 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

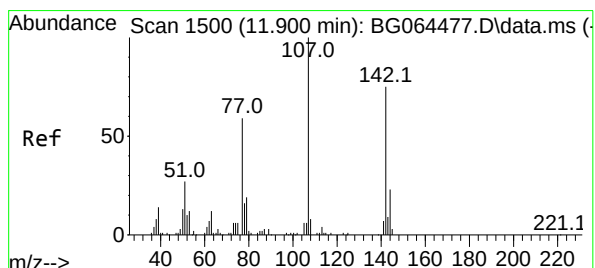
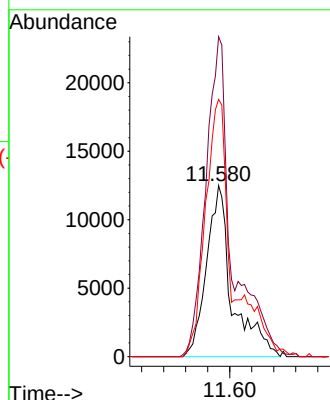
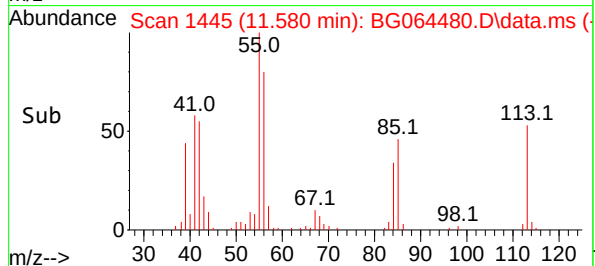
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:113 Resp: 40333  
Ion Ratio Lower Upper  
113 100  
55 187.1 162.0 202.0  
56 150.3 134.6 174.6

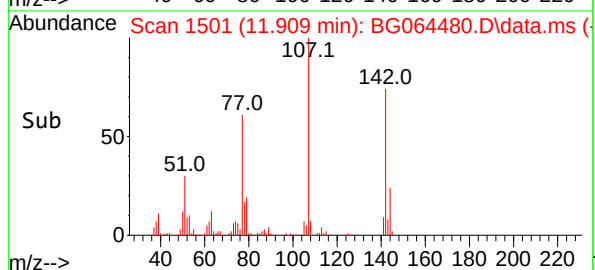
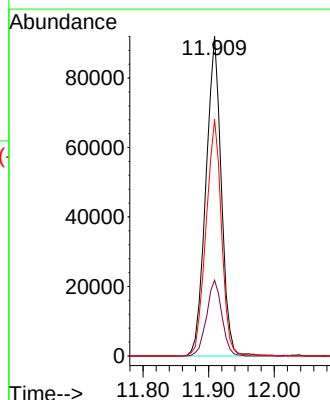
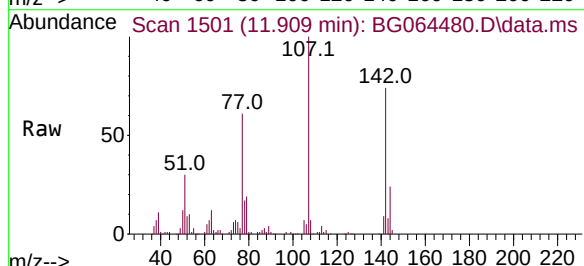
Manual Integrations  
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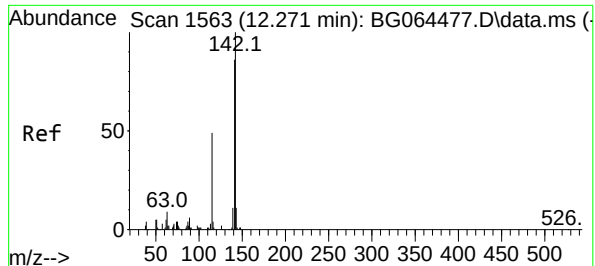
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#36  
4-Chloro-3-methylphenol  
Concen: 79.618 ng  
RT: 11.909 min Scan# 1501  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

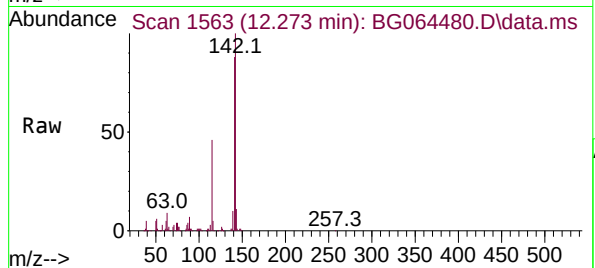
Tgt Ion:107 Resp: 149274  
Ion Ratio Lower Upper  
107 100  
144 23.6 18.7 28.1  
142 73.9 60.2 90.2





#37  
2-Methylnaphthalene  
Concen: 77.931 ng  
RT: 12.273 min Scan# 1563  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

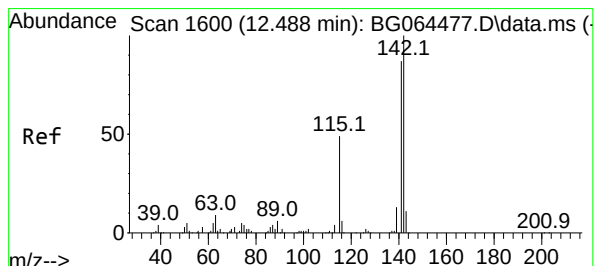
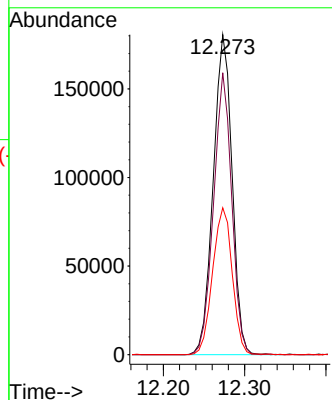
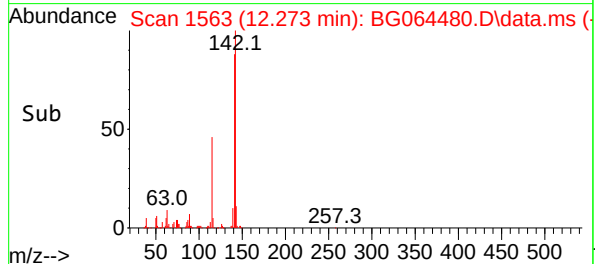
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:142 Resp: 291318  
Ion Ratio Lower Upper  
142 100  
141 88.1 68.7 103.1  
115 45.9 39.3 58.9

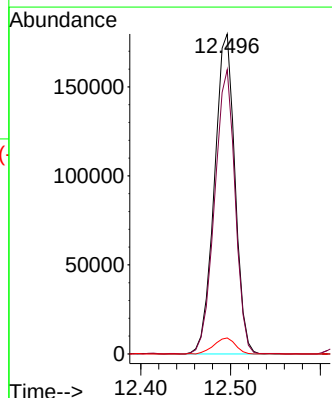
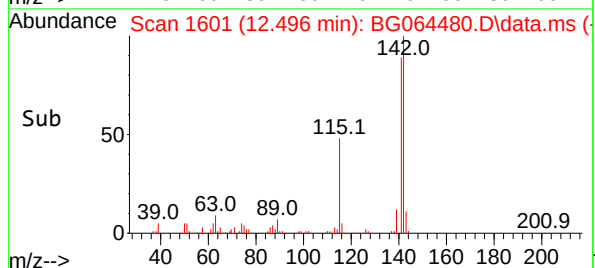
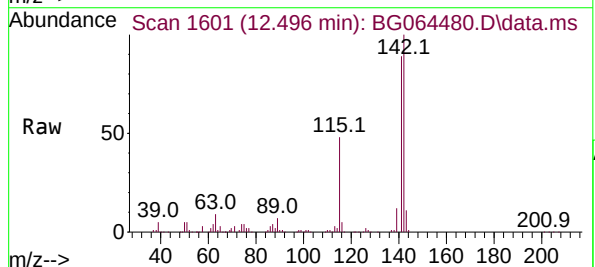
Manual Integrations  
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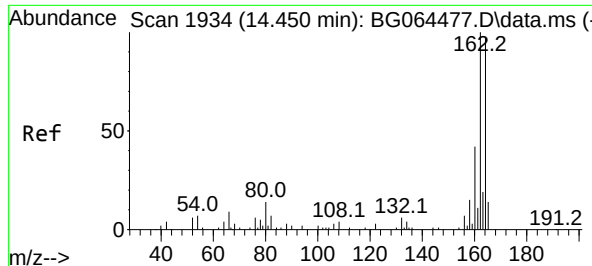
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#38  
1-Methylnaphthalene  
Concen: 76.924 ng  
RT: 12.496 min Scan# 1601  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:142 Resp: 286731  
Ion Ratio Lower Upper  
142 100  
141 88.8 69.8 104.8  
116 5.0 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.453 min Scan# 1934

Delta R.T. 0.005 min

Lab File: BG064480.D

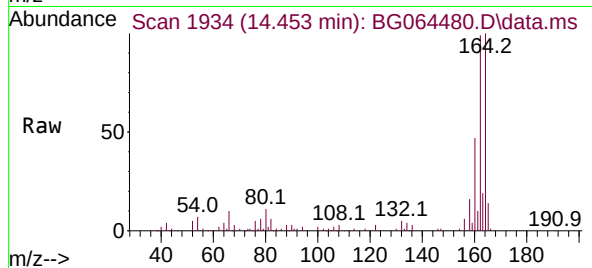
Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 72073

Ion Ratio Lower Upper

164 100

162 98.7 82.2 123.2

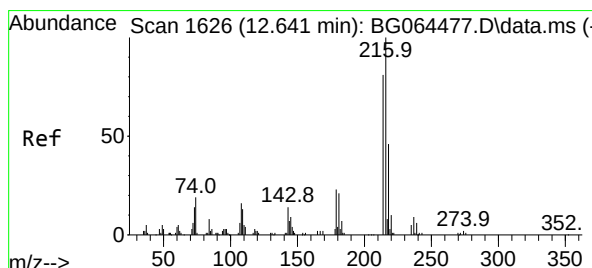
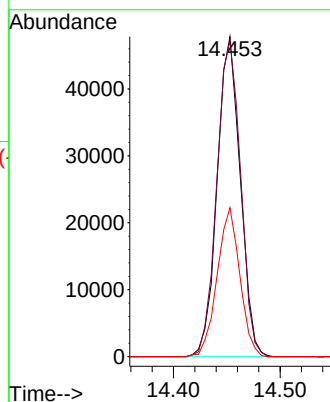
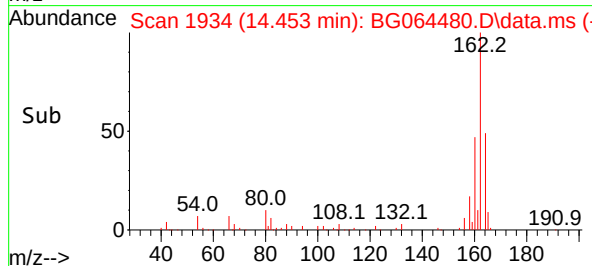
160 46.5 34.3 51.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 80.056 ng

RT: 12.643 min Scan# 1626

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Tgt Ion:216 Resp: 186298

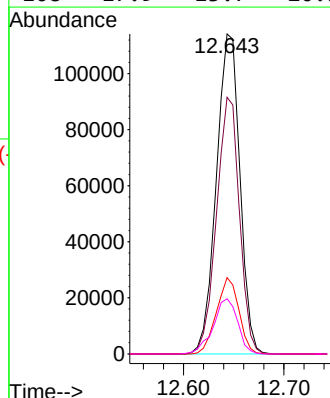
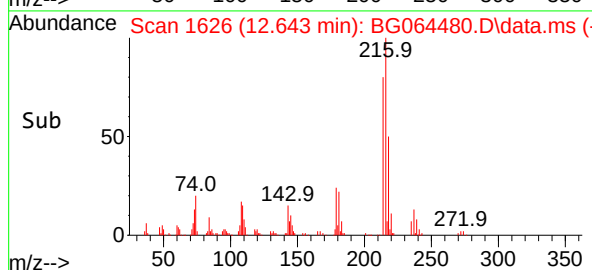
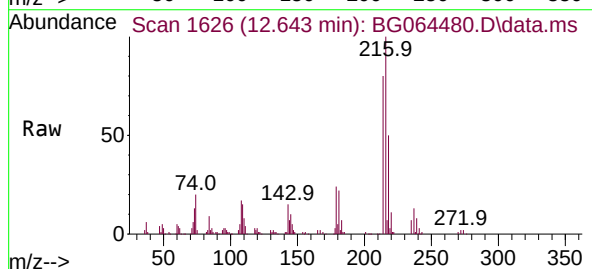
Ion Ratio Lower Upper

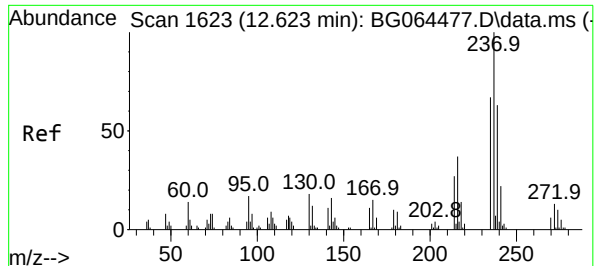
216 100

214 78.0 62.5 93.7

179 22.7 17.0 25.6

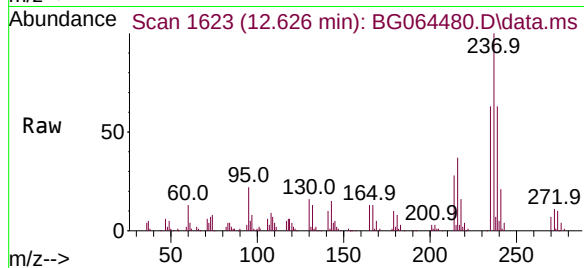
108 17.9 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 84.207 ng  
RT: 12.626 min Scan# 1623  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

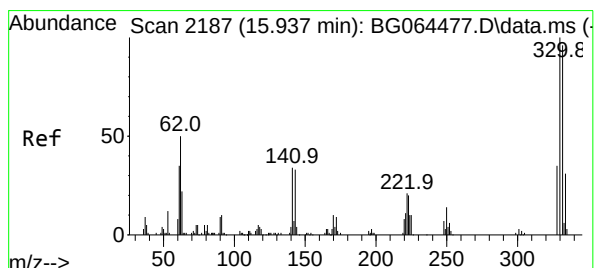
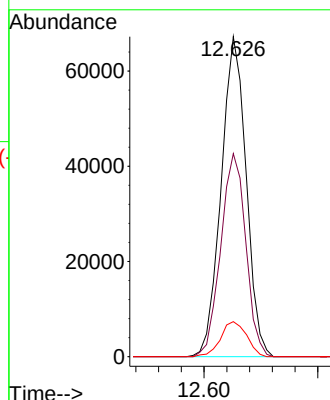
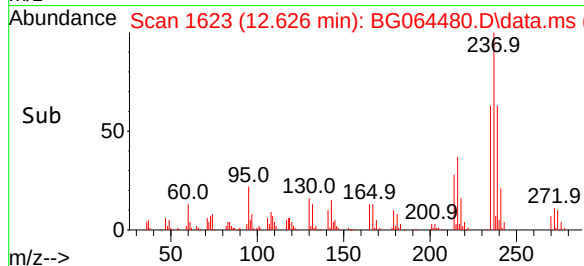
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:237 Resp: 102505  
Ion Ratio Lower Upper  
237 100  
235 63.4 46.9 86.9  
272 10.9 0.0 32.6

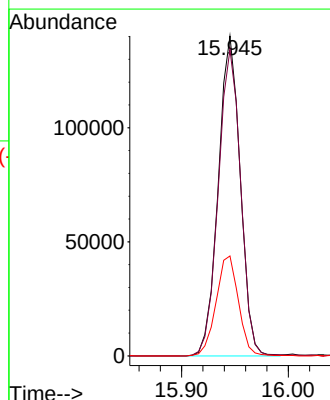
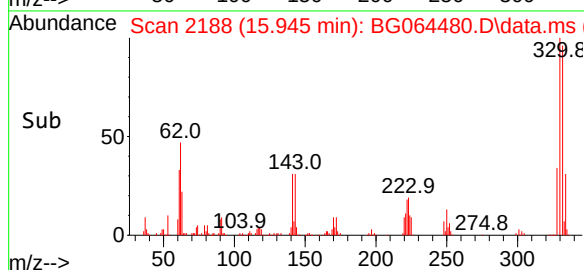
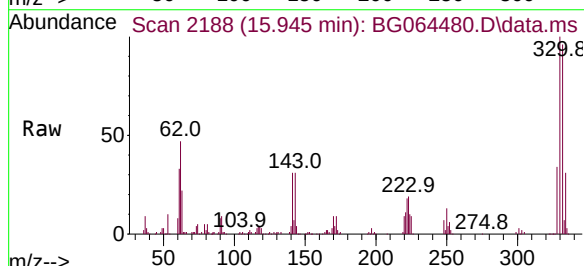
Manual Integrations  
APPROVED

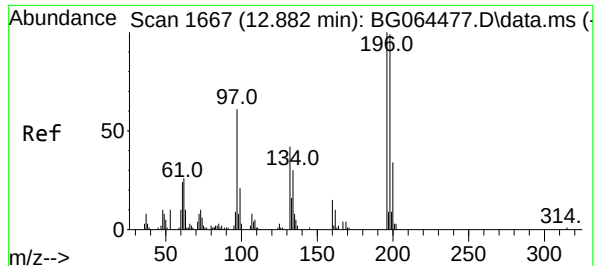
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#42  
2,4,6-Tribromophenol  
Concen: 153.817 ng  
RT: 15.945 min Scan# 2188  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:330 Resp: 200950  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.4 116.0  
141 31.9 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 80.265 ng

RT: 12.884 min Scan# 1667

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

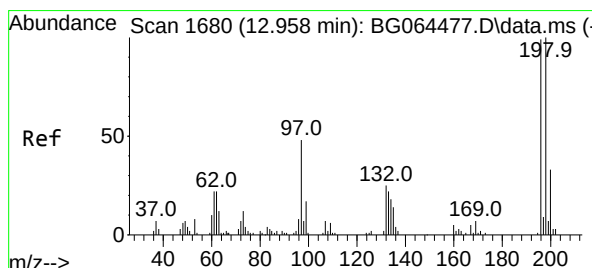
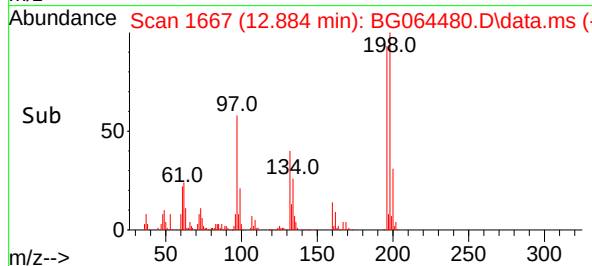
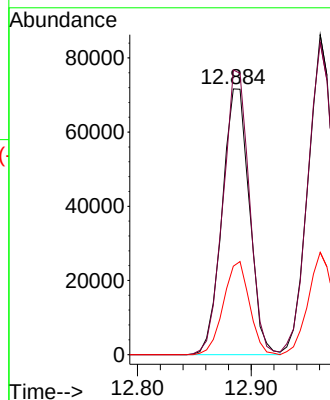
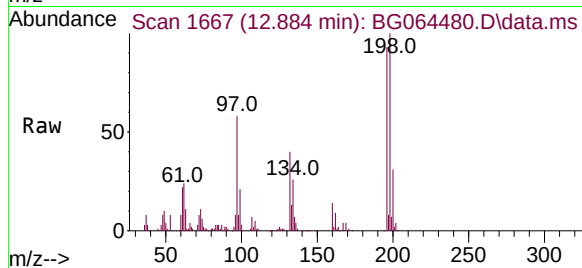
| Tgt Ion:  | 196   | Resp: | 119404 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 107.1 | 79.3  | 118.9  |
| 200       | 33.3  | 27.4  | 41.2   |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 81.602 ng

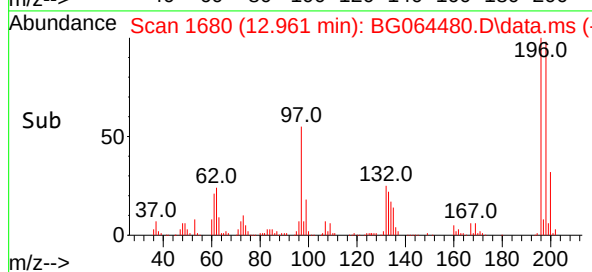
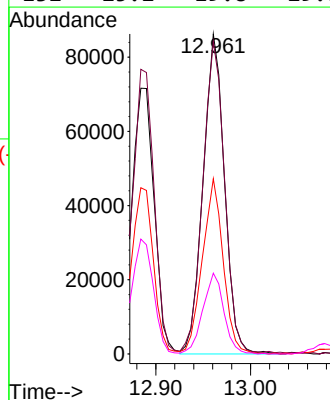
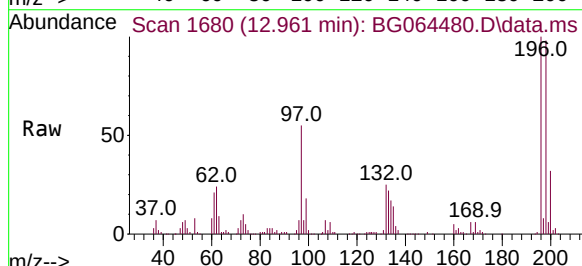
RT: 12.961 min Scan# 1680

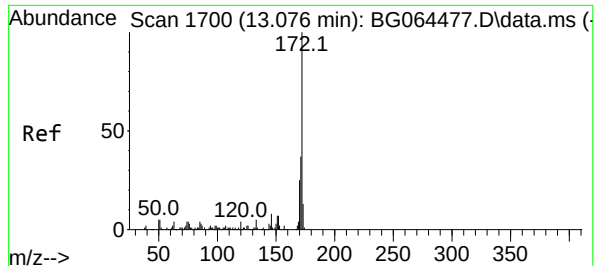
Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

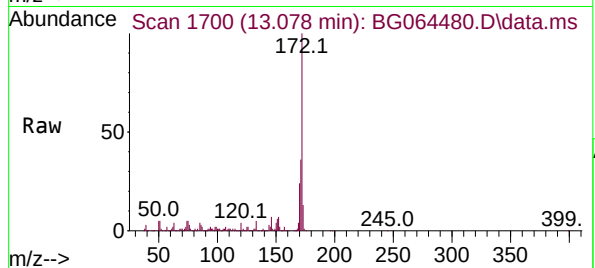
| Tgt Ion:  | 196   | Resp: | 135525 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.6  | 80.3  | 120.5  |
| 97        | 54.8  | 39.4  | 59.0   |
| 132       | 25.2  | 19.8  | 29.8   |





#45  
2-Fluorobiphenyl  
Concen: 154.518 ng  
RT: 13.078 min Scan# 1700  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

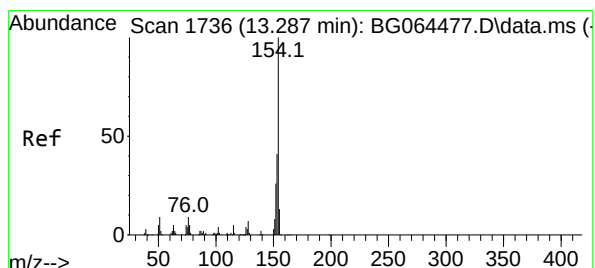
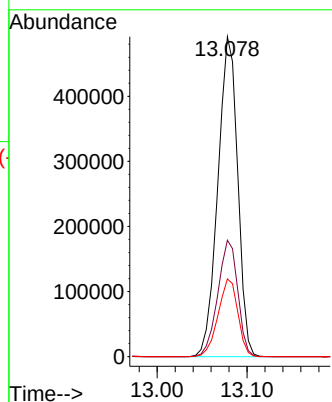
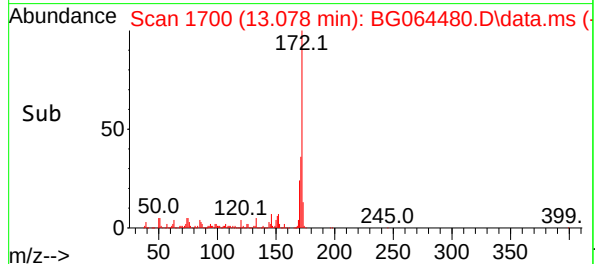
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:172 Resp: 755535  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.6 44.4  
170 24.3 20.2 30.2

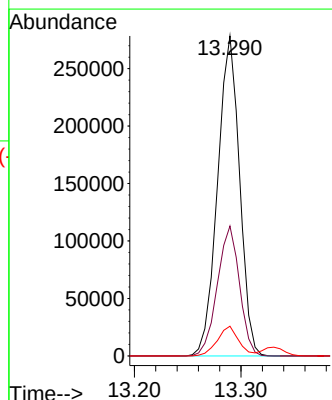
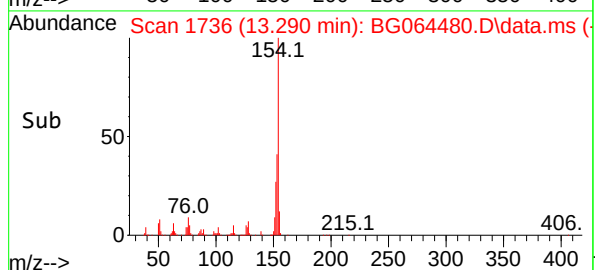
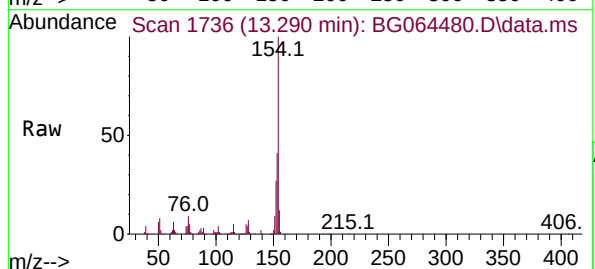
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

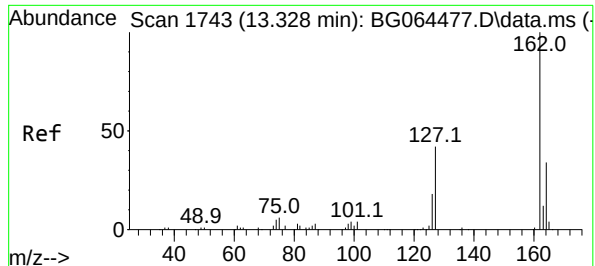


#46  
1,1'-Biphenyl  
Concen: 77.125 ng  
RT: 13.290 min Scan# 1736  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:154 Resp: 399798  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.7 60.7  
76 9.3 0.0 29.3







#47

2-Chloronaphthalene

Concen: 77.951 ng

RT: 13.331 min Scan# 1743

Delta R.T. 0.011 min

Lab File: BG064480.D

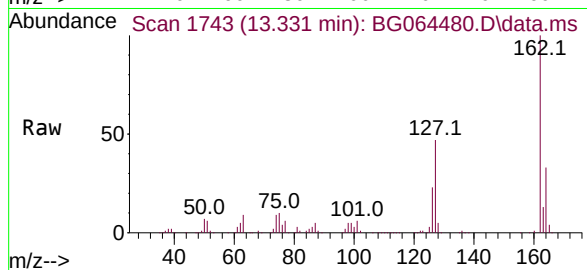
Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 30169

Ion Ratio Lower Upper

162 100

127 47.2 35.8 53.8

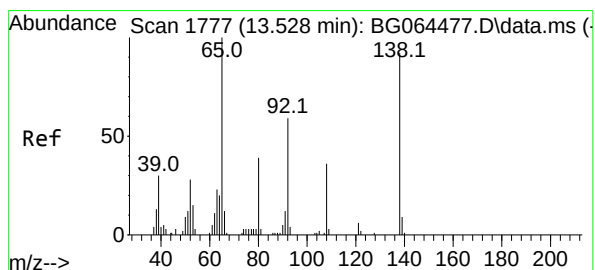
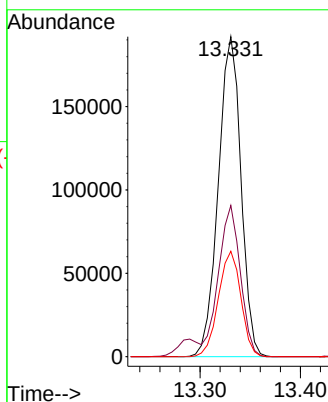
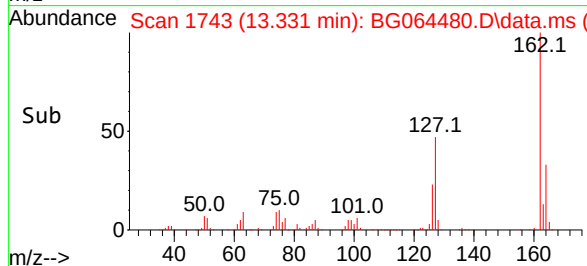
164 32.9 27.2 40.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 79.555 ng

RT: 13.530 min Scan# 1777

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

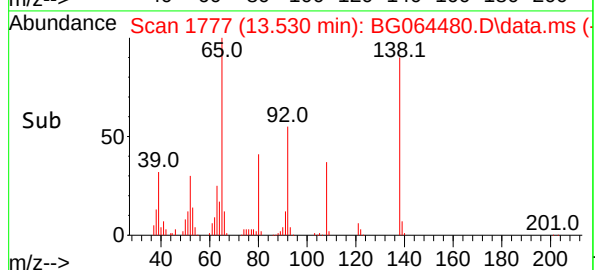
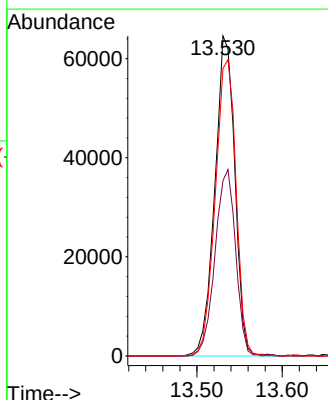
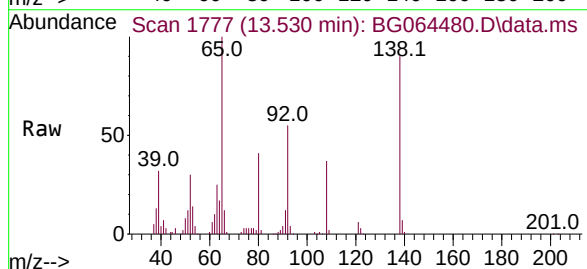
Tgt Ion: 65 Resp: 105087

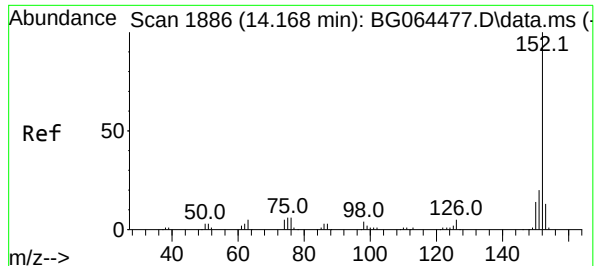
Ion Ratio Lower Upper

65 100

92 54.8 47.0 70.6

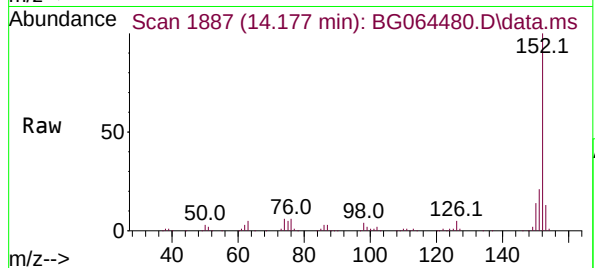
138 89.8 73.5 110.3





#49  
Acenaphthylene  
Concen: 77.600 ng  
RT: 14.177 min Scan# 1887  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

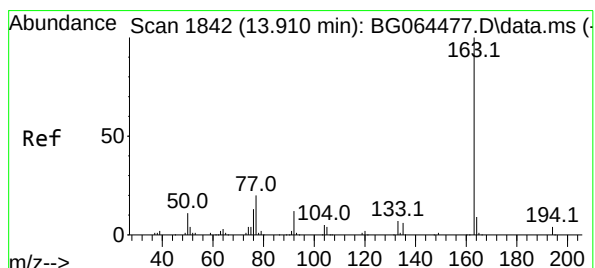
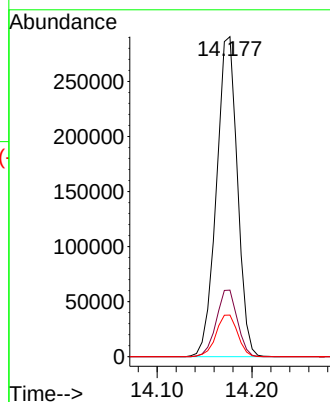
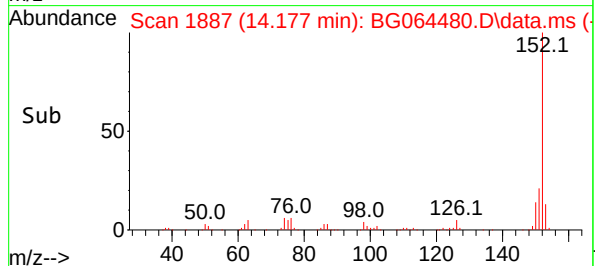
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:152 Resp: 445834  
Ion Ratio Lower Upper  
152 100  
151 20.8 15.8 23.6  
153 13.0 10.6 15.8

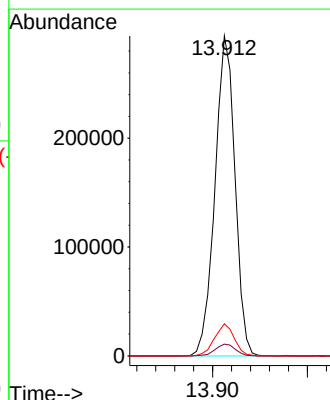
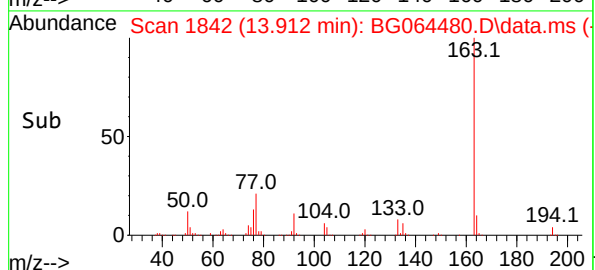
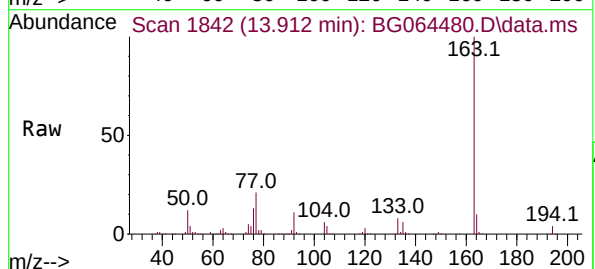
Manual Integrations  
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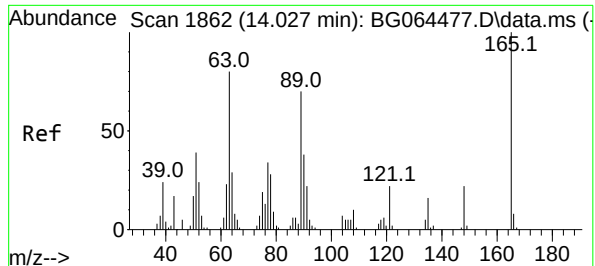
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#50  
Dimethylphthalate  
Concen: 76.251 ng  
RT: 13.912 min Scan# 1842  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:163 Resp: 430419  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.9 4.3  
164 10.0 7.4 11.0





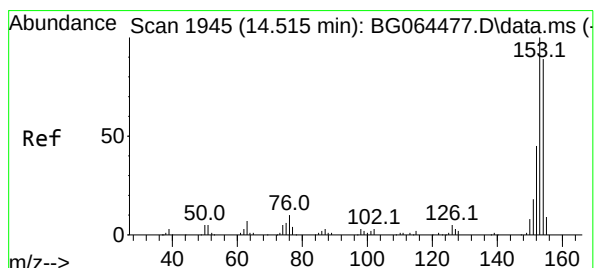
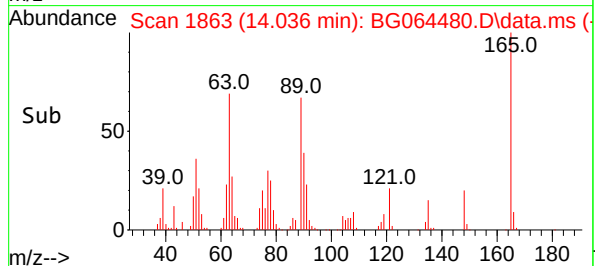
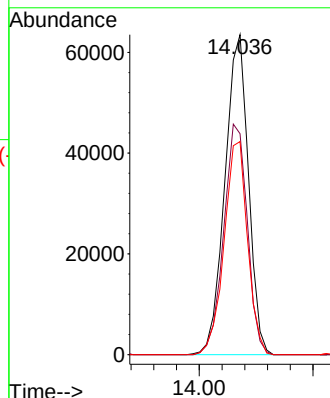
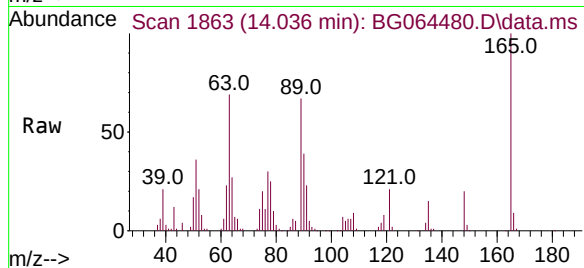
#51  
2,6-Dinitrotoluene  
Concen: 77.551 ng  
RT: 14.036 min Scan# 1862  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion:165 Resp: 91191  
Ion Ratio Lower Upper  
165 100  
63 69.0 63.9 95.9  
89 66.6 56.1 84.1

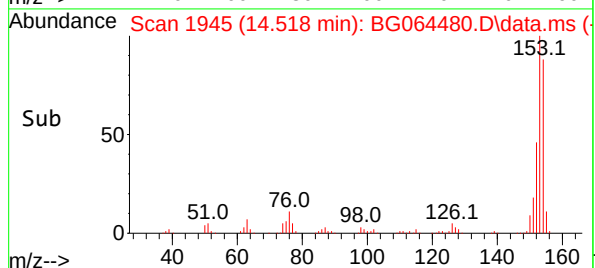
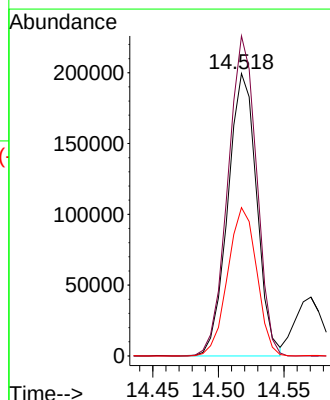
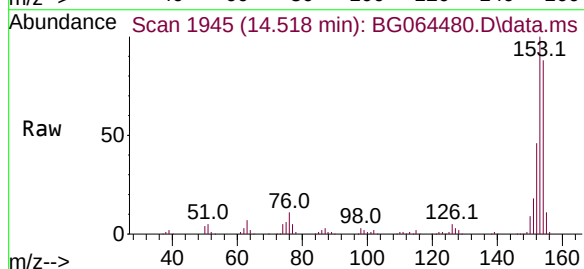
Manual Integrations  
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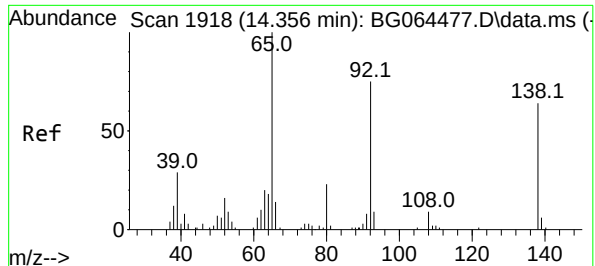
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#52  
Acenaphthene  
Concen: 76.421 ng  
RT: 14.518 min Scan# 1945  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

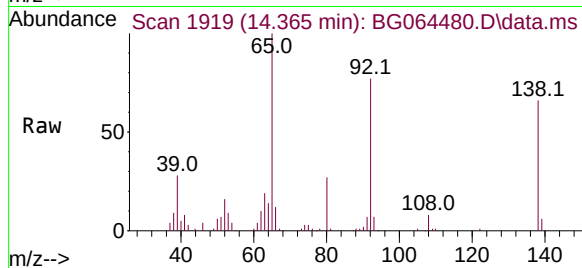
Tgt Ion:154 Resp: 305038  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.2 135.4  
152 52.5 40.2 60.4





#53  
3-Nitroaniline  
Concen: 78.688 ng  
RT: 14.365 min Scan# 1918  
Delta R.T. 0.017 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

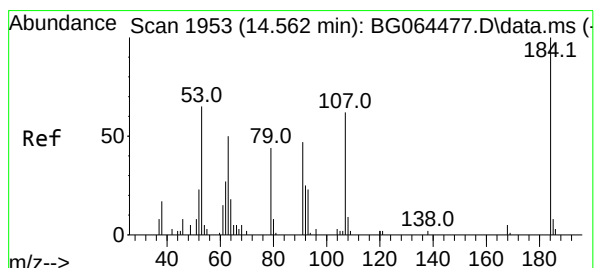
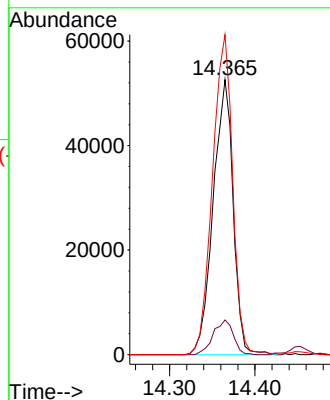
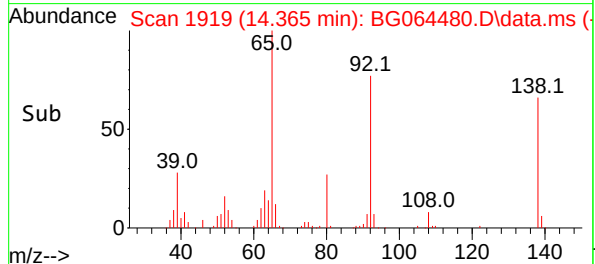
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:138 Resp: 85333  
Ion Ratio Lower Upper  
138 100  
108 12.6 10.6 15.8  
92 116.4 93.2 139.8

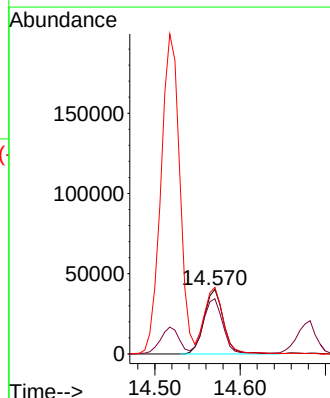
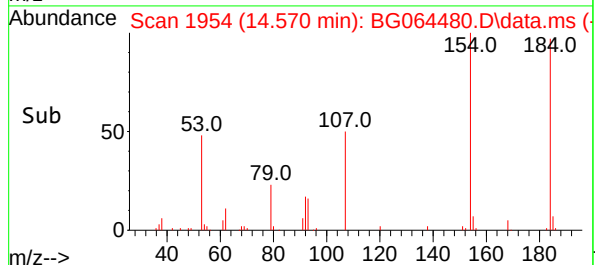
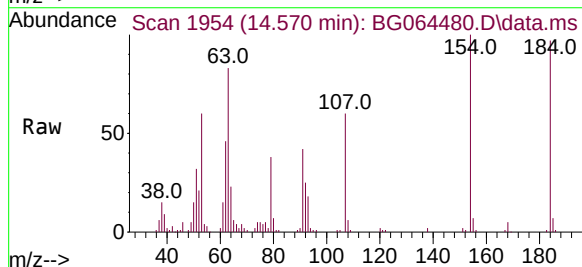
Manual Integrations  
APPROVED

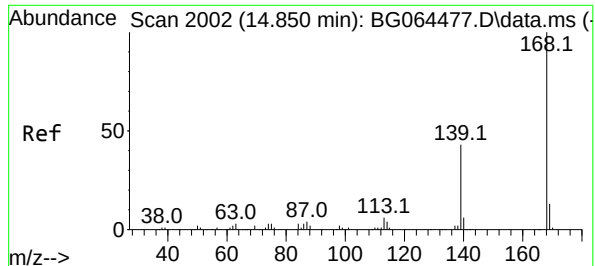
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#54  
2,4-Dinitrophenol  
Concen: 74.326 ng  
RT: 14.570 min Scan# 1954  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

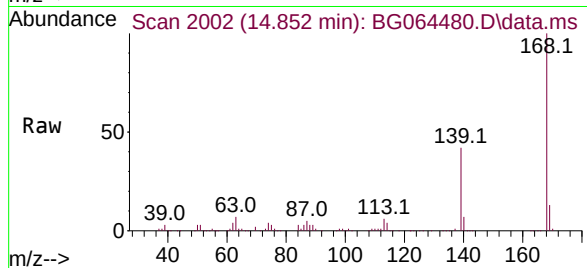
Tgt Ion:184 Resp: 63374  
Ion Ratio Lower Upper  
184 100  
63 85.4 69.0 103.4  
154 103.1 95.6 143.4





#55  
Dibenzenofuran  
Concen: 76.684 ng  
RT: 14.852 min Scan# 2002  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

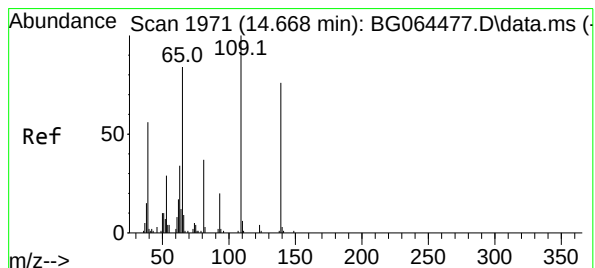
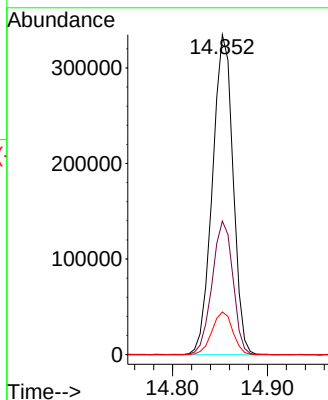
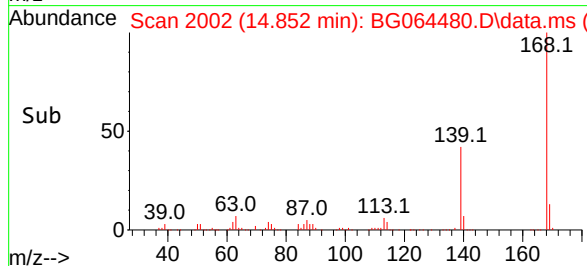
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:168 Resp: 505395  
Ion Ratio Lower Upper  
168 100  
139 41.7 34.0 51.0  
169 13.3 10.2 15.2

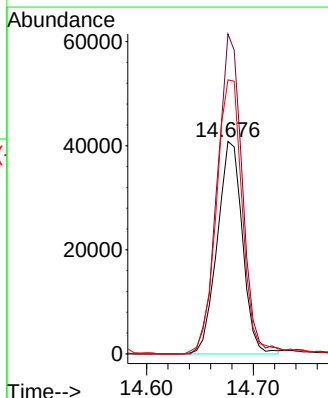
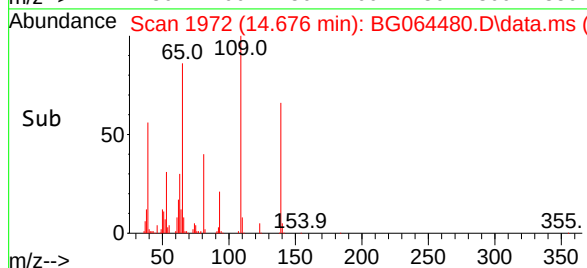
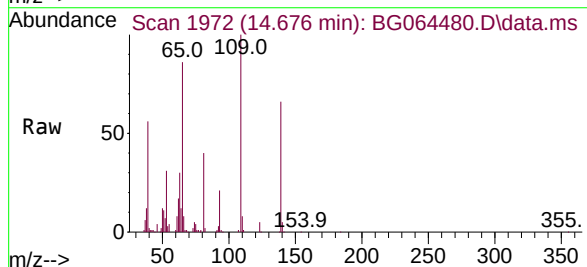
Manual Integrations  
APPROVED

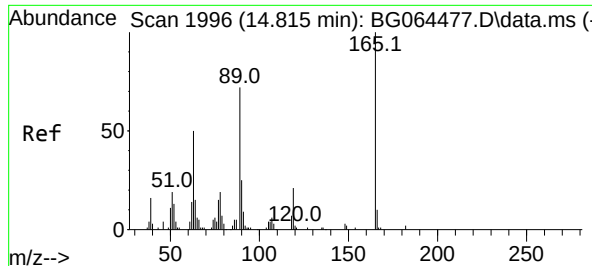
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#56  
4-Nitrophenol  
Concen: 78.369 ng  
RT: 14.676 min Scan# 1972  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

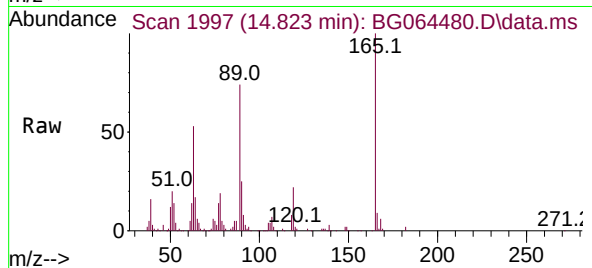
Tgt Ion:139 Resp: 66912  
Ion Ratio Lower Upper  
139 100  
109 150.7 111.8 151.8  
65 129.0 91.1 131.1





#57  
2,4-Dinitrotoluene  
Concen: 76.527 ng  
RT: 14.823 min Scan# 1996  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

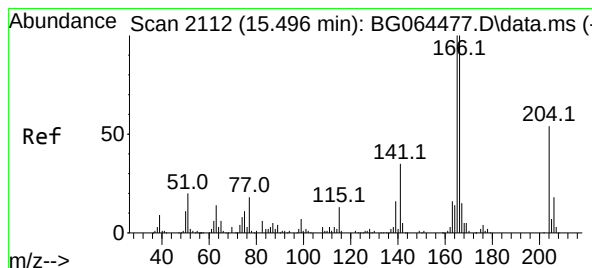
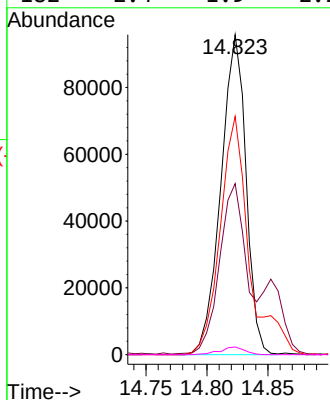
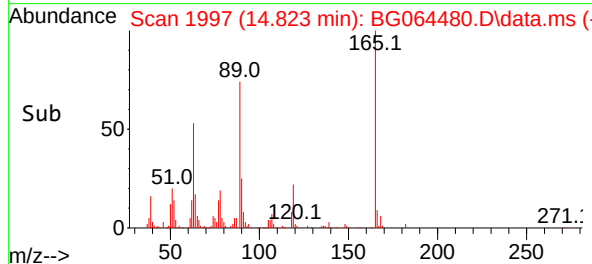
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:165 Resp: 137560  
Ion Ratio Lower Upper  
165 100  
63 53.4 40.4 60.6  
89 74.4 57.3 85.9  
182 2.4 1.9 2.9

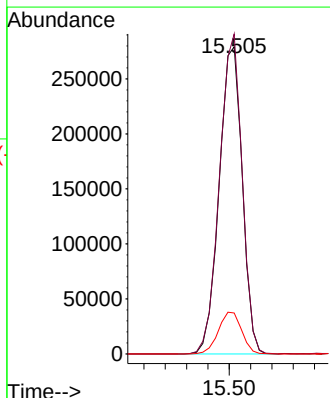
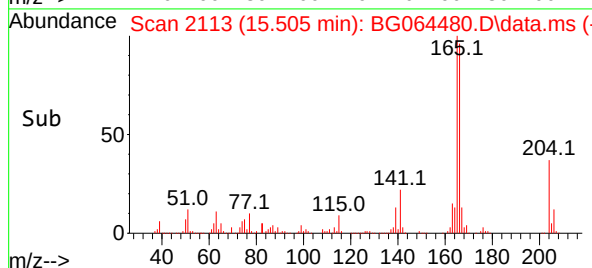
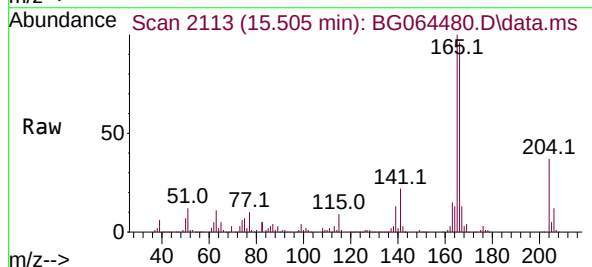
Manual Integrations  
APPROVED

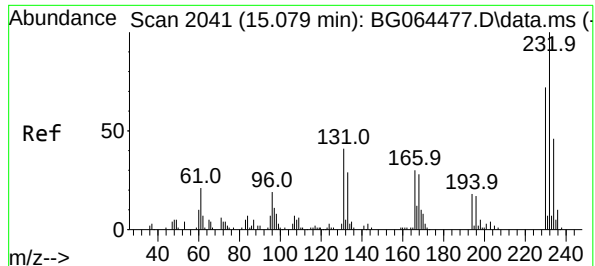
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#58  
Fluorene  
Concen: 76.728 ng  
RT: 15.505 min Scan# 2113  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:166 Resp: 420400  
Ion Ratio Lower Upper  
166 100  
165 104.2 79.8 119.6  
167 13.3 11.7 17.5





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 77.799 ng  
RT: 15.082 min Scan# 2041  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

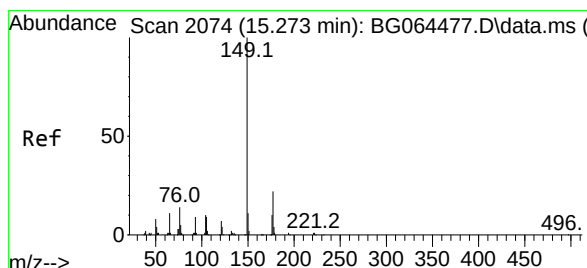
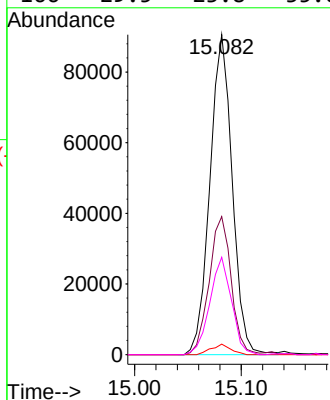
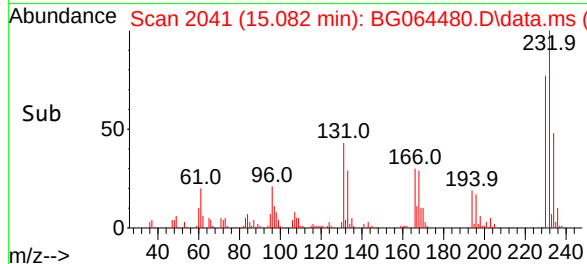
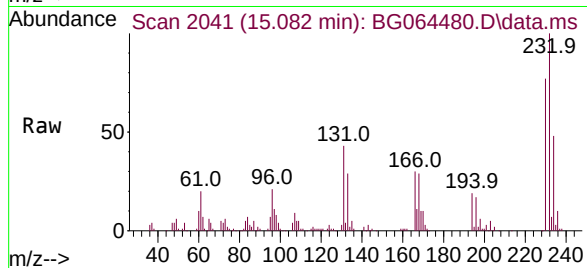
SSTDICC080

Tgt Ion:232 Resp: 131866  
Ion Ratio Lower Upper  
232 100  
131 43.0 35.0 52.4  
130 2.8 2.0 3.0  
166 29.5 23.8 35.6

Manual Integrations

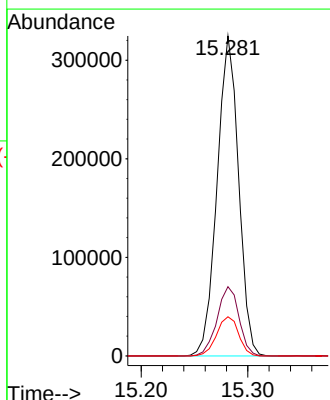
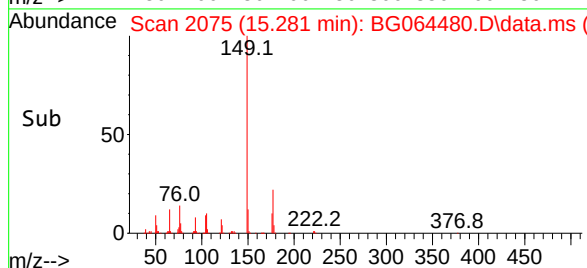
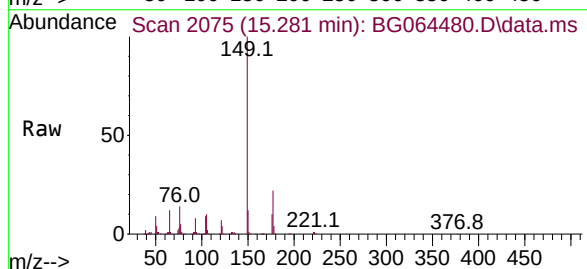
APPROVED

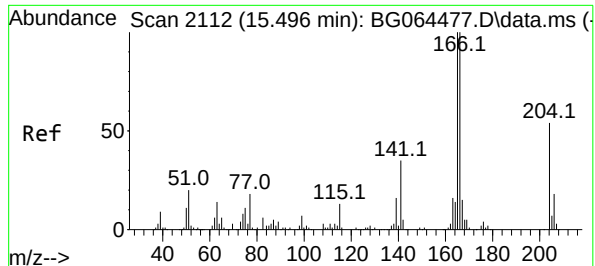
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#60  
Diethylphthalate  
Concen: 75.126 ng  
RT: 15.281 min Scan# 2075  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:149 Resp: 454922  
Ion Ratio Lower Upper  
149 100  
177 21.6 17.4 26.0  
150 12.2 9.1 13.7





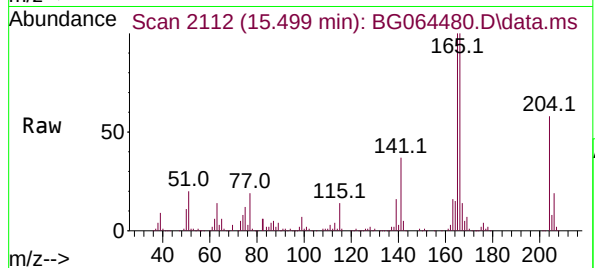
#61  
4-Chlorophenyl-phenylether  
Concen: 76.517 ng  
RT: 15.499 min Scan# 2112  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

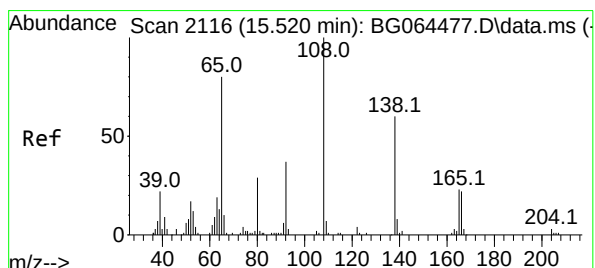
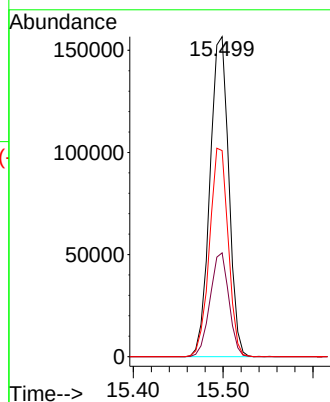
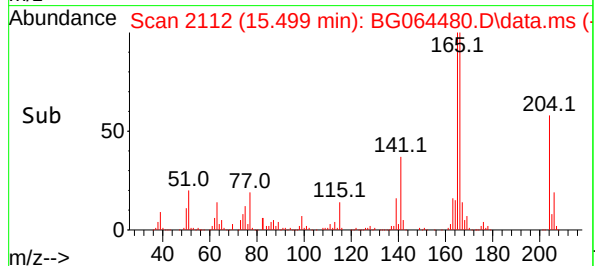


Tgt Ion:204 Resp: 228883  
Ion Ratio Lower Upper  
204 100  
206 32.5 27.1 40.7  
141 64.4 51.5 77.3

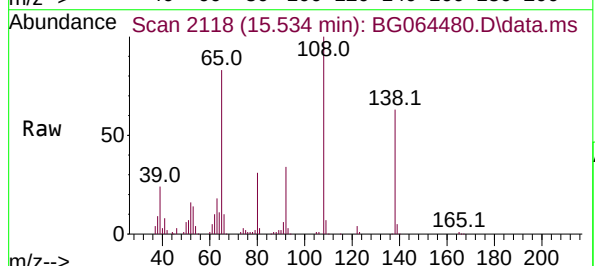
Manual Integrations

APPROVED

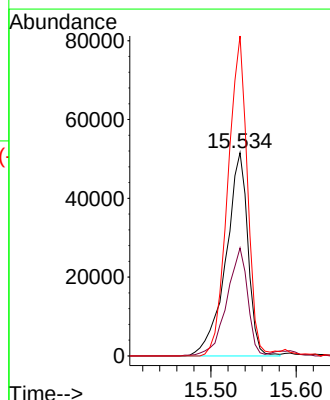
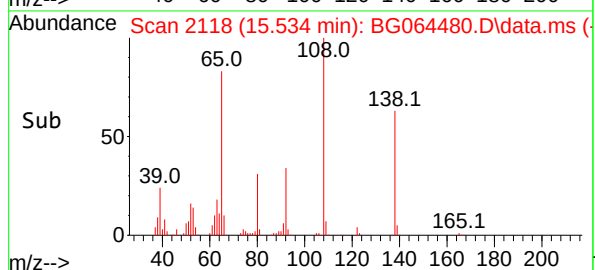
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



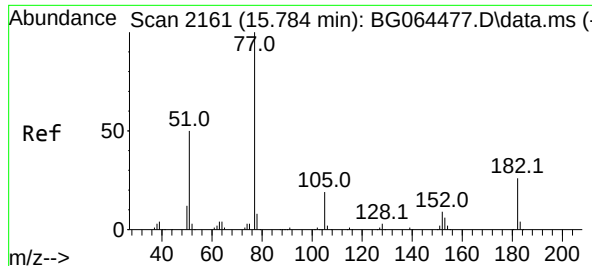
#62  
4-Nitroaniline  
Concen: 81.579 ng  
RT: 15.534 min Scan# 2118  
Delta R.T. 0.023 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



Tgt Ion:138 Resp: 92207  
Ion Ratio Lower Upper  
138 100  
92 53.1 42.3 82.3  
108 157.6 147.7 187.7







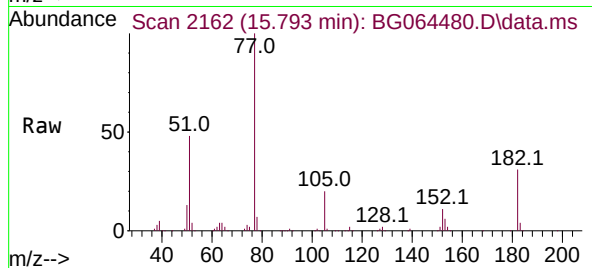
#63  
Azobenzene  
Concen: 74.723 ng  
RT: 15.793 min Scan# 2161  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

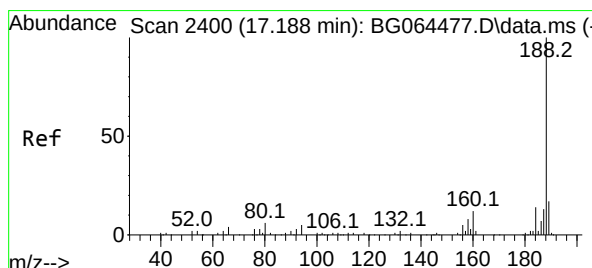
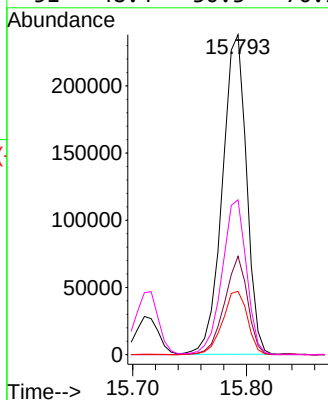
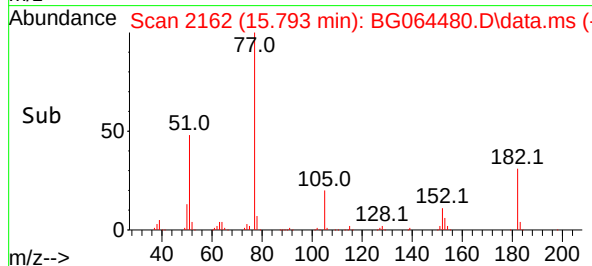


Tgt Ion: 77 Resp: 350430  
Ion Ratio Lower Upper  
77 100  
182 30.7 6.3 46.3  
105 19.8 0.0 38.7  
51 48.4 30.3 70.3

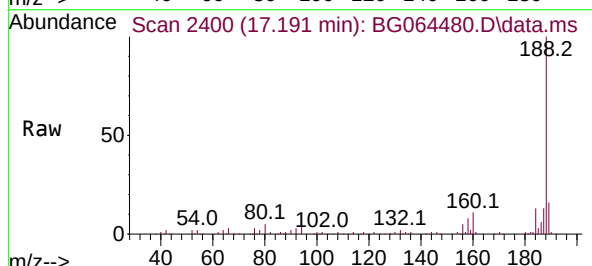
Manual Integrations

APPROVED

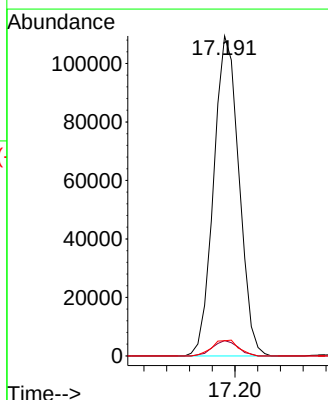
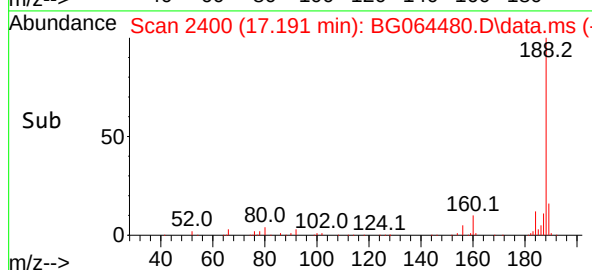
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

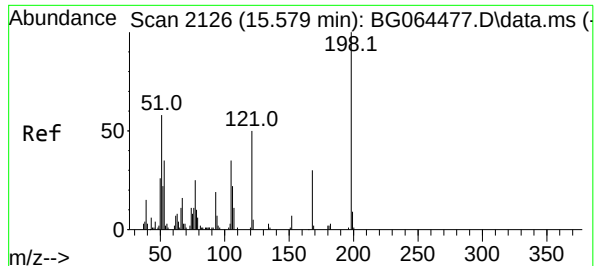


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.191 min Scan# 2400  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



Tgt Ion:188 Resp: 168856  
Ion Ratio Lower Upper  
188 100  
94 4.8 3.7 5.5  
80 4.7 4.5 6.7





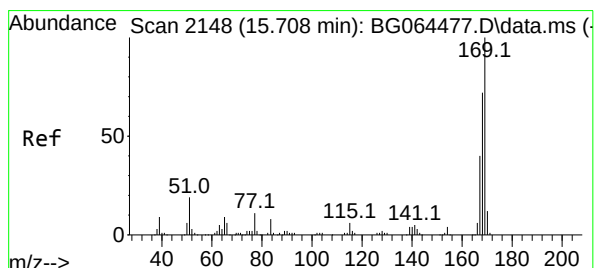
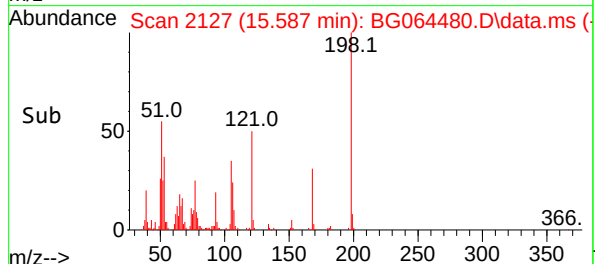
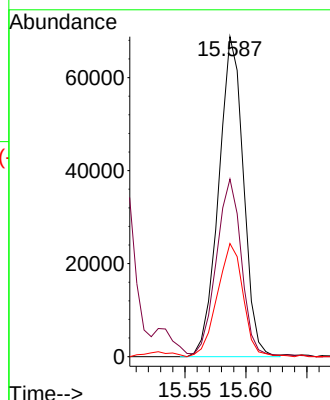
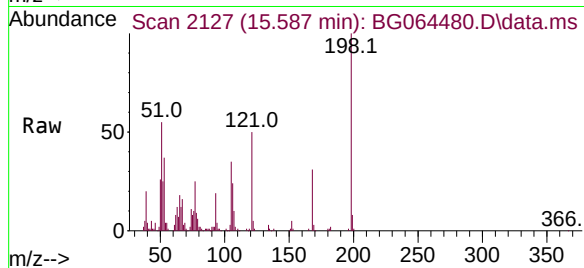
#65  
4,6-Dinitro-2-methylphenol  
Concen: 82.760 ng  
RT: 15.587 min Scan# 2126  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion:198 Resp: 97300  
Ion Ratio Lower Upper  
198 100  
51 55.5 39.0 79.0  
105 35.3 15.8 55.8

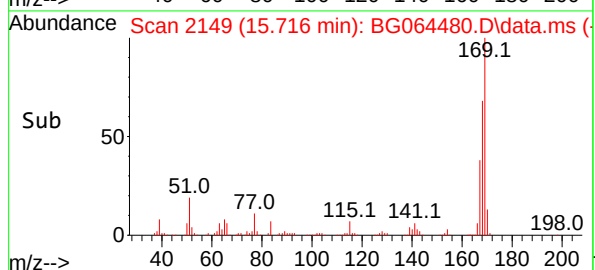
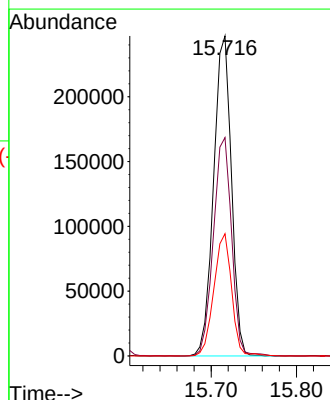
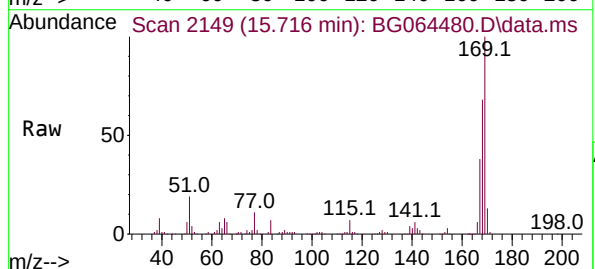
Manual Integrations  
APPROVED

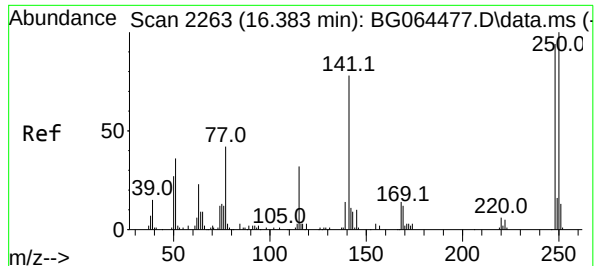
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#66  
n-Nitrosodiphenylamine  
Concen: 79.230 ng  
RT: 15.716 min Scan# 2149  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:169 Resp: 357258  
Ion Ratio Lower Upper  
169 100  
168 68.2 57.8 86.6  
167 38.2 31.7 47.5





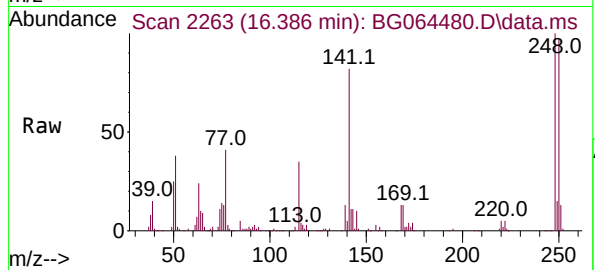
#67  
4-Bromophenyl-phenylether  
Concen: 81.997 ng  
RT: 16.386 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

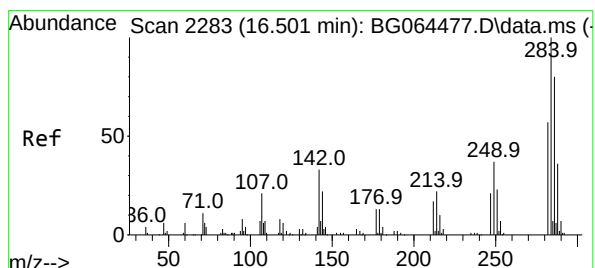
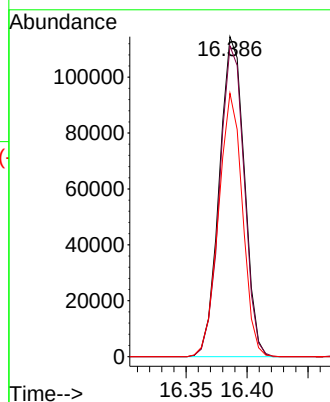
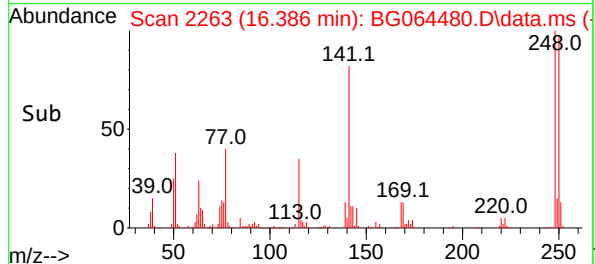


Tgt Ion:248 Resp: 162931  
Ion Ratio Lower Upper  
248 100  
250 97.1 85.3 127.9  
141 82.3 66.2 99.2

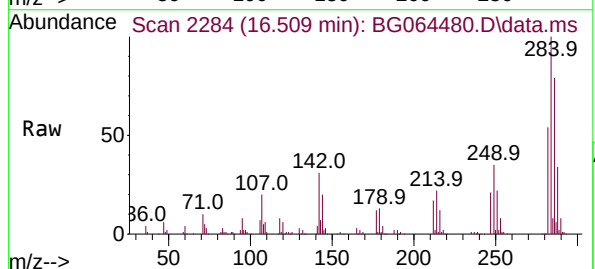
Manual Integrations

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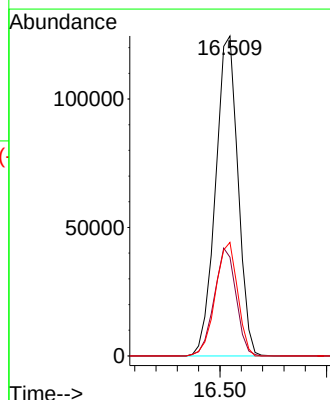
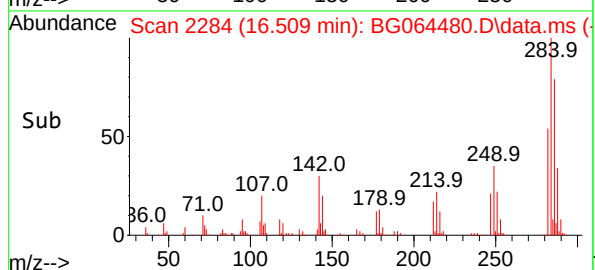
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

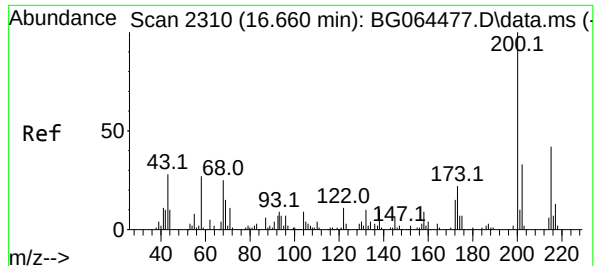


#68  
Hexachlorobenzene  
Concen: 80.068 ng  
RT: 16.509 min Scan# 2284  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



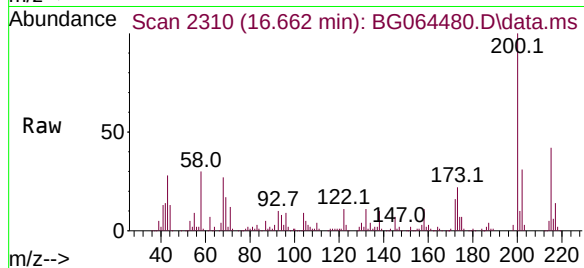
Tgt Ion:284 Resp: 182054  
Ion Ratio Lower Upper  
284 100  
142 30.8 26.2 39.2  
249 35.5 29.4 44.0





#69  
 Atrazine  
 Concen: 73.799 ng  
 RT: 16.662 min Scan# 2310  
 Delta R.T. 0.011 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16

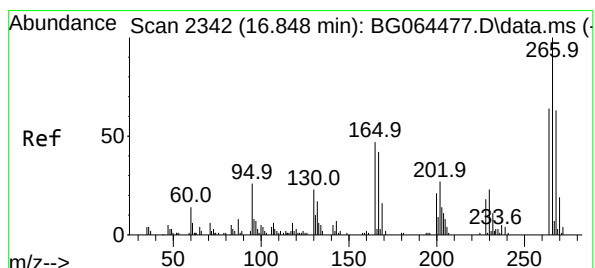
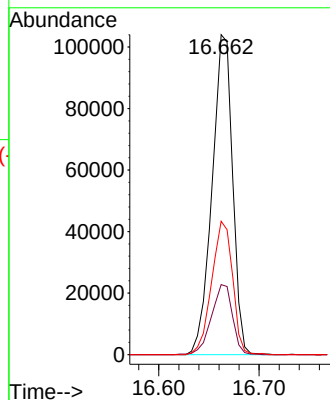
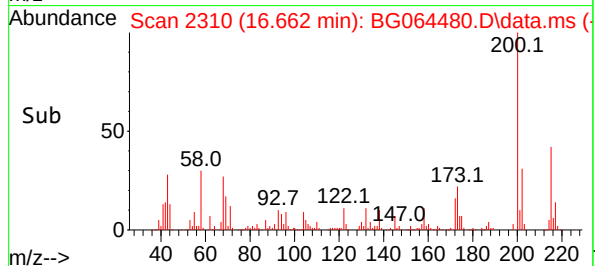
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080



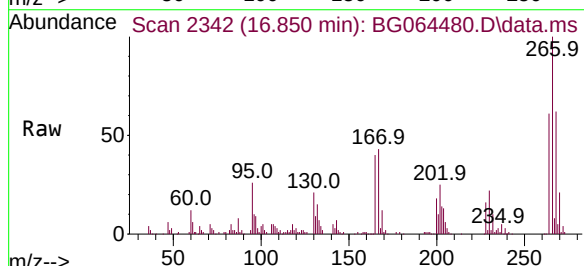
Tgt Ion:200 Resp: 148051  
 Ion Ratio Lower Upper  
 200 100  
 173 21.9 2.5 42.5  
 215 41.7 21.5 61.5

Manual Integrations  
 APPROVED

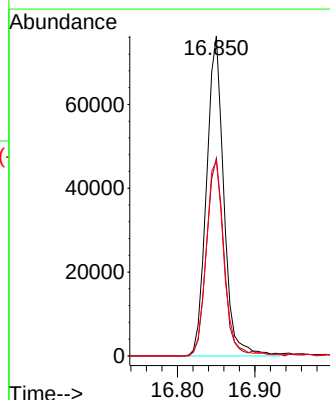
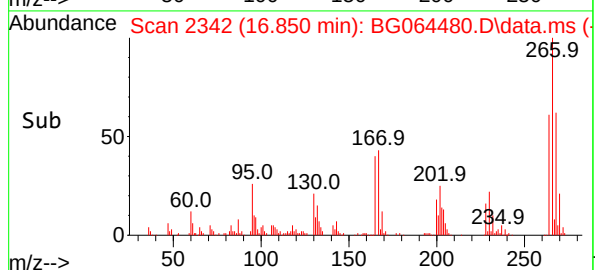
Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

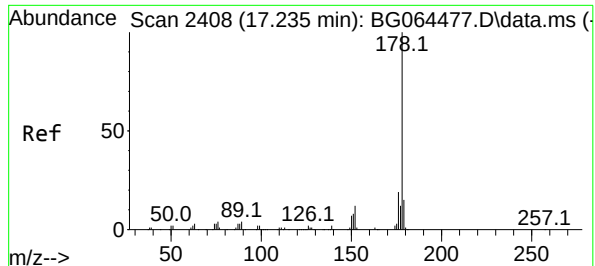


#70  
 Pentachlorophenol  
 Concen: 88.752 ng  
 RT: 16.850 min Scan# 2342  
 Delta R.T. 0.005 min  
 Lab File: BG064480.D  
 Acq: 2 Oct 2025 14:16



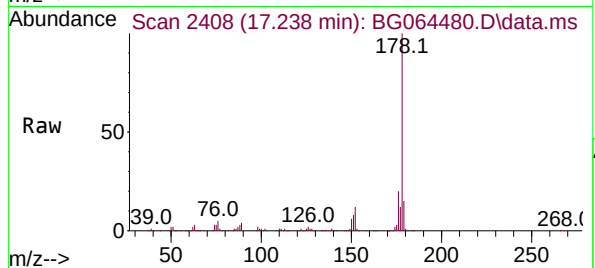
Tgt Ion:266 Resp: 117991  
 Ion Ratio Lower Upper  
 266 100  
 268 61.7 50.6 75.8  
 264 60.9 51.2 76.8





#71  
Phenanthrene  
Concen: 77.283 ng  
RT: 17.238 min Scan# 2408  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

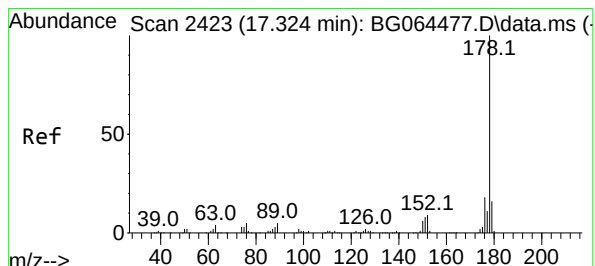
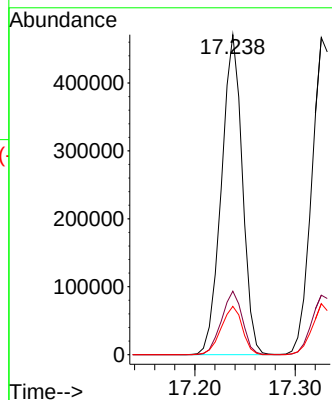
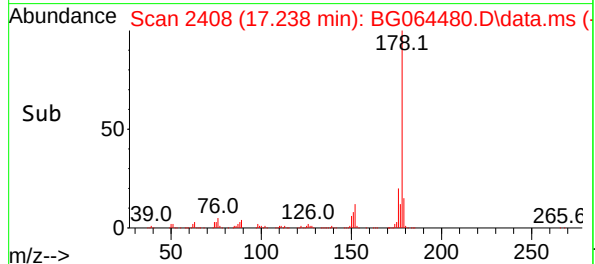
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:178 Resp: 682440  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.2 22.8  
179 15.1 11.8 17.6

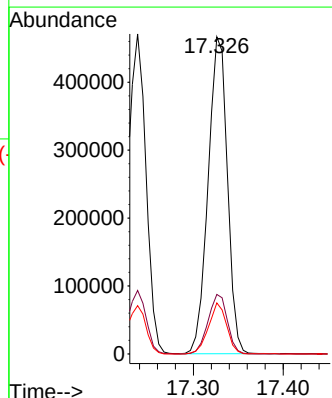
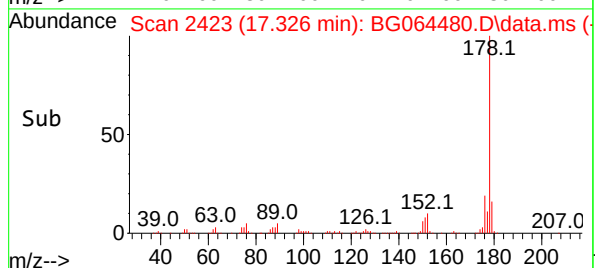
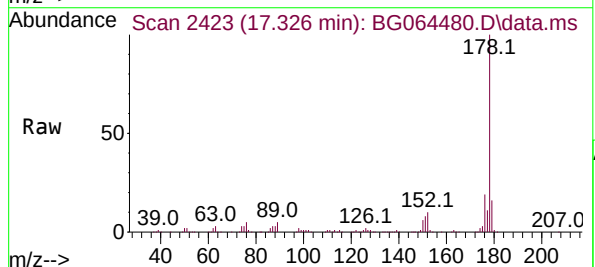
Manual Integrations  
APPROVED

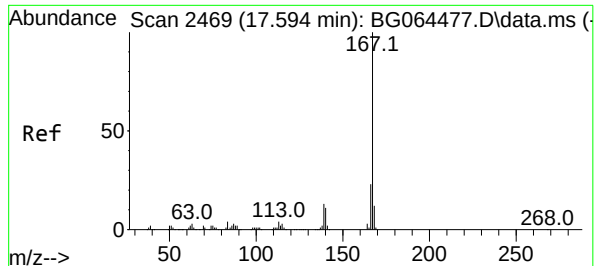
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#72  
Anthracene  
Concen: 78.433 ng  
RT: 17.326 min Scan# 2423  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

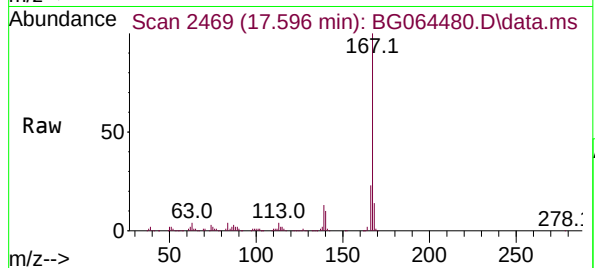
Tgt Ion:178 Resp: 694820  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.6 21.8  
179 16.1 12.5 18.7





#73  
Carbazole  
Concen: 77.661 ng  
RT: 17.596 min Scan# 2469  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

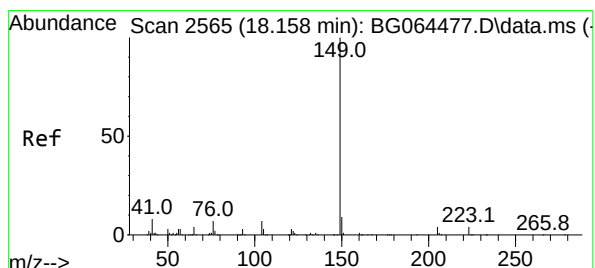
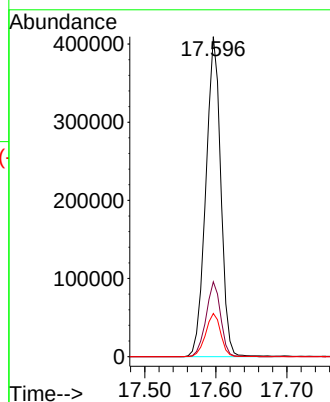
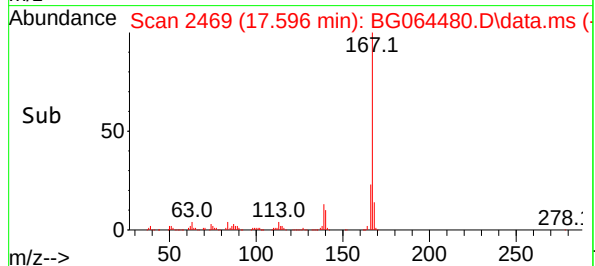
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:167 Resp: 594662  
Ion Ratio Lower Upper  
167 100  
166 23.4 18.6 27.8  
139 13.5 10.2 15.4

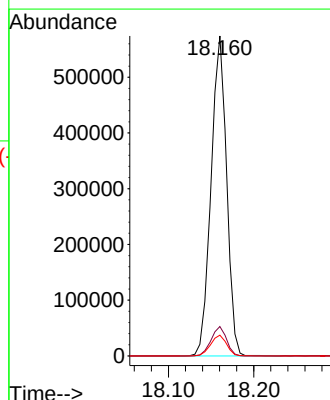
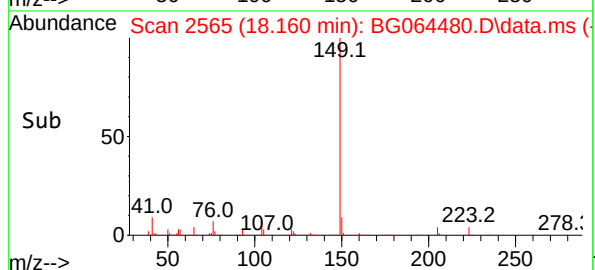
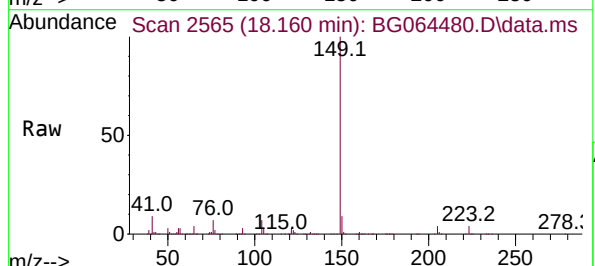
Manual Integrations  
APPROVED

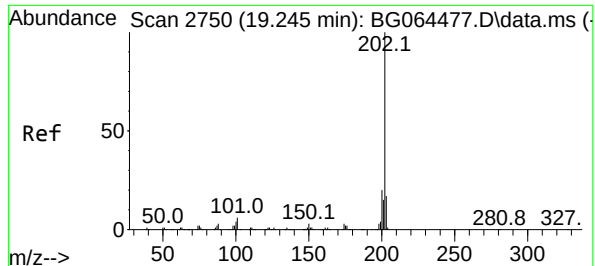
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#74  
Di-n-butylphthalate  
Concen: 77.727 ng  
RT: 18.160 min Scan# 2565  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

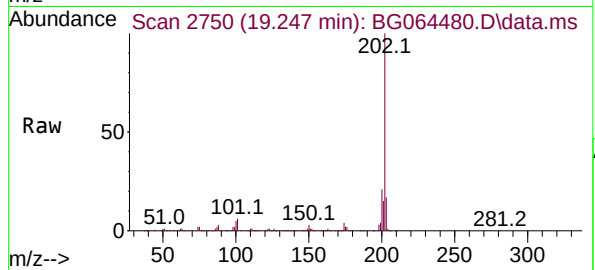
Tgt Ion:149 Resp: 726555  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.2  
104 6.5 5.3 7.9





#75  
Fluoranthene  
Concen: 77.060 ng  
RT: 19.247 min Scan# 2750  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

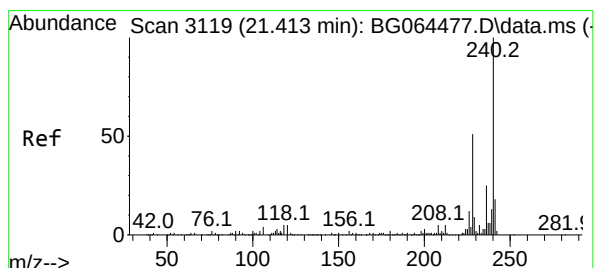
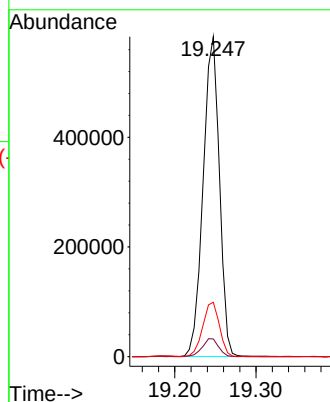
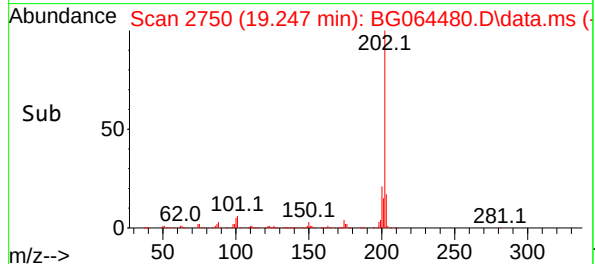
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:202 Resp: 812928  
Ion Ratio Lower Upper  
202 100  
101 5.5 0.0 25.7  
203 17.0 0.0 36.6

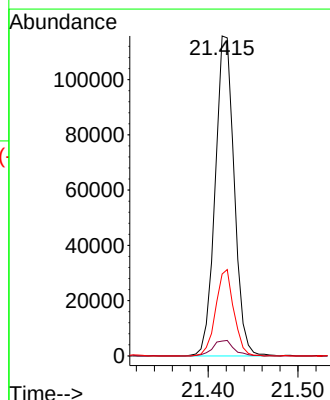
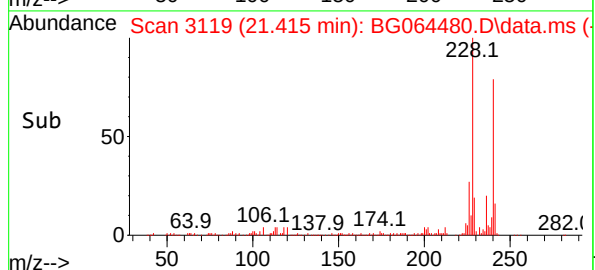
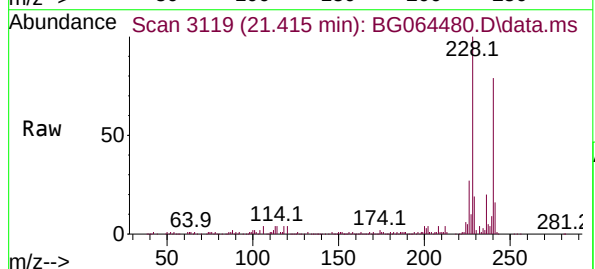
Manual Integrations  
APPROVED

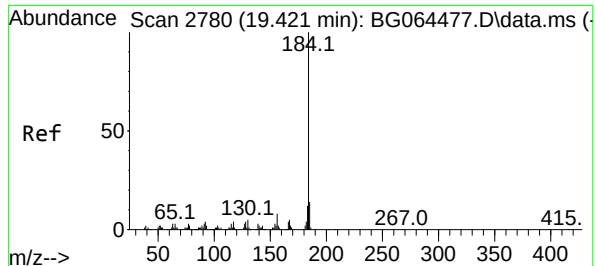
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.415 min Scan# 3119  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

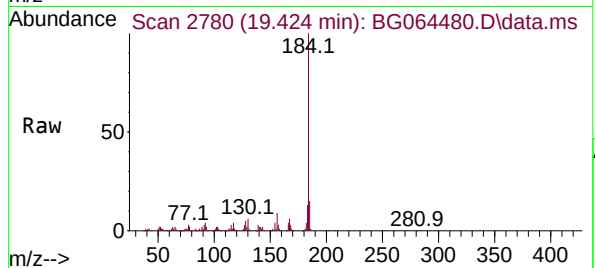
Tgt Ion:240 Resp: 171497  
Ion Ratio Lower Upper  
240 100  
120 4.6 4.3 6.5  
236 25.6 20.4 30.6





#77  
Benzidine  
Concen: 57.755 ng  
RT: 19.424 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

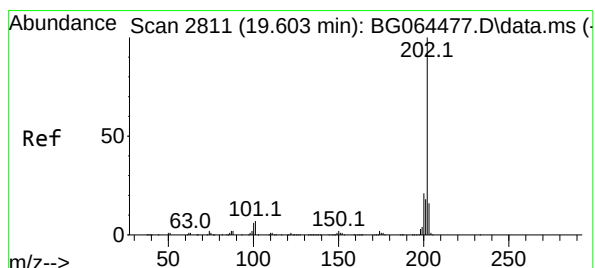
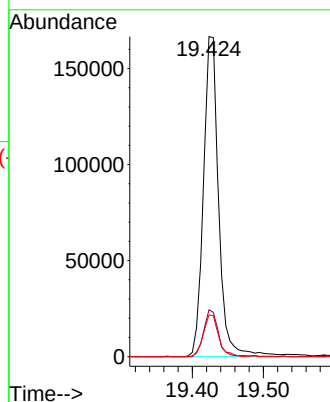
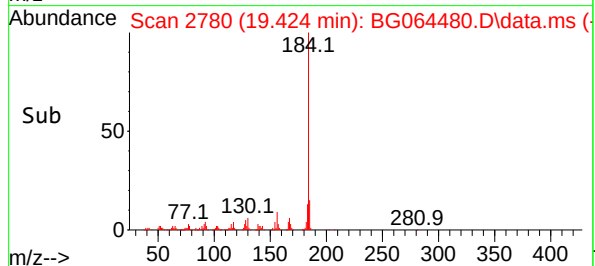
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:184 Resp: 246468  
Ion Ratio Lower Upper  
184 100  
185 14.6 10.9 16.3  
183 13.0 9.8 14.6

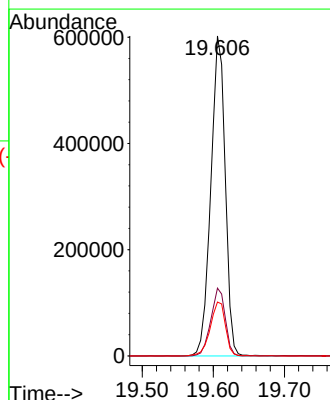
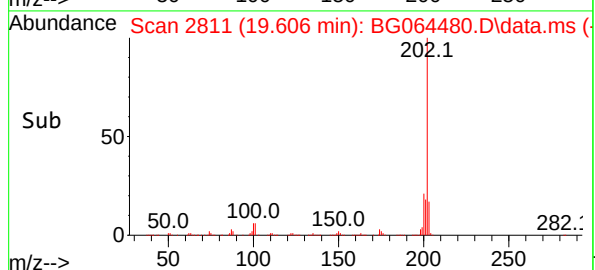
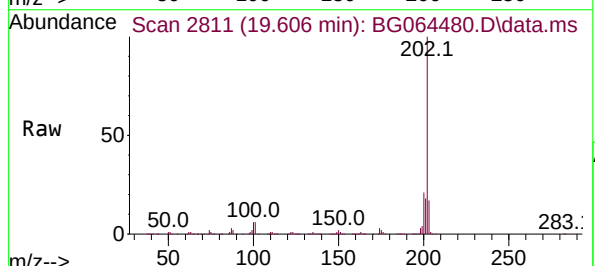
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

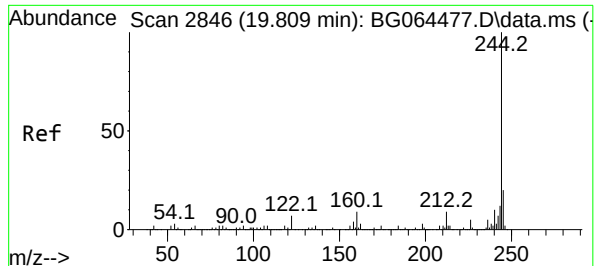


#78  
Pyrene  
Concen: 75.840 ng  
RT: 19.606 min Scan# 2811  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:202 Resp: 844065  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 16.8 13.0 19.4

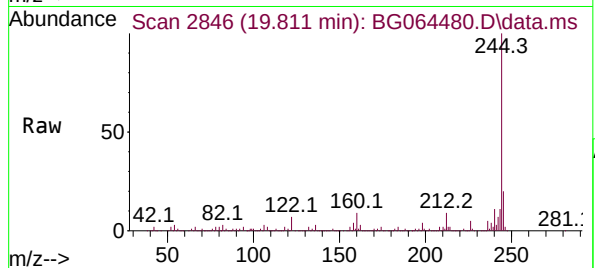






#79  
Terphenyl-d14  
Concen: 151.833 ng  
RT: 19.811 min Scan# 2846  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

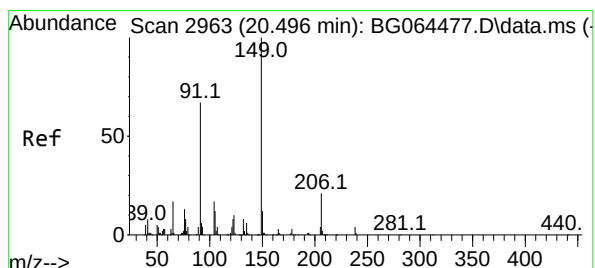
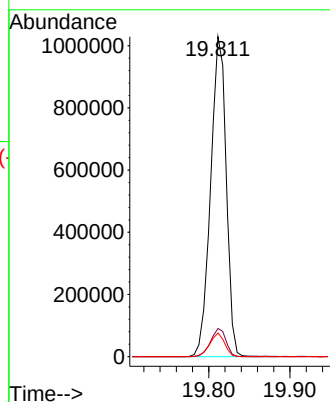
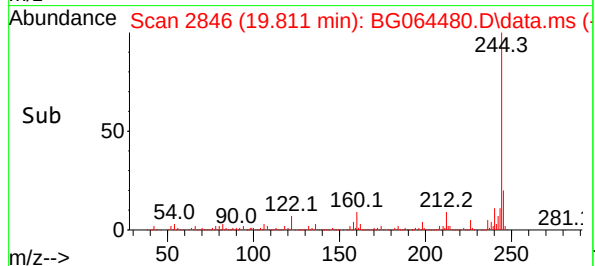
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



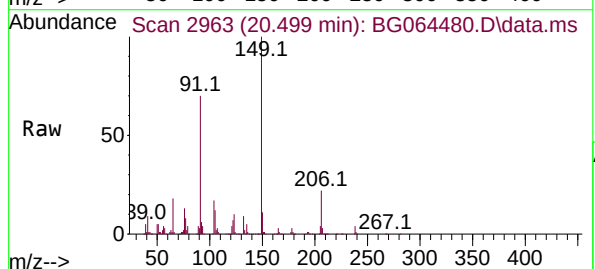
Tgt Ion:244 Resp: 1375899  
Ion Ratio Lower Upper  
244 100  
212 8.8 7.0 10.6  
122 7.4 5.6 8.4

Manual Integrations  
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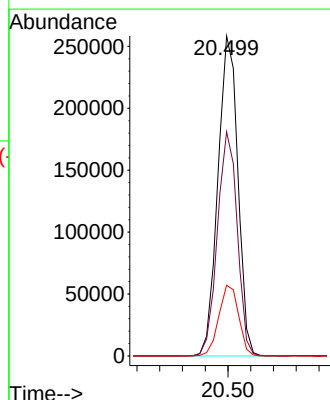
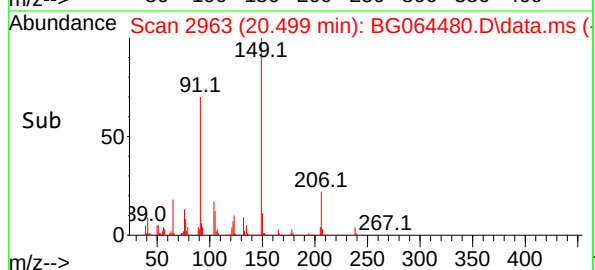
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

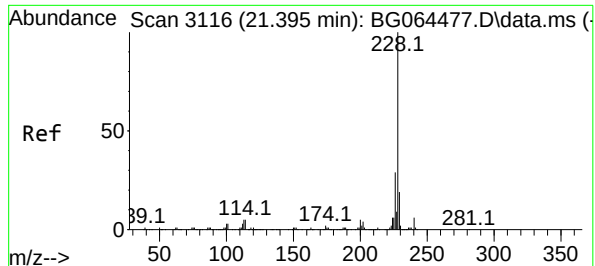


#80  
Butylbenzylphthalate  
Concen: 79.710 ng  
RT: 20.499 min Scan# 2963  
Delta R.T. -0.001 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



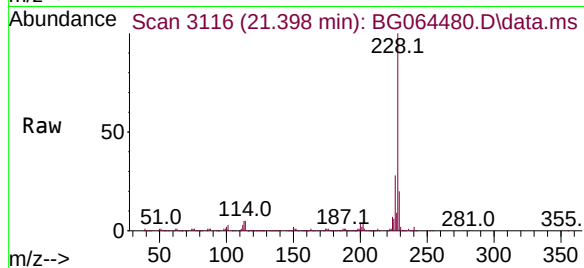
Tgt Ion:149 Resp: 314484  
Ion Ratio Lower Upper  
149 100  
91 70.0 53.7 80.5  
206 22.1 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 78.497 ng  
RT: 21.398 min Scan# 3116  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

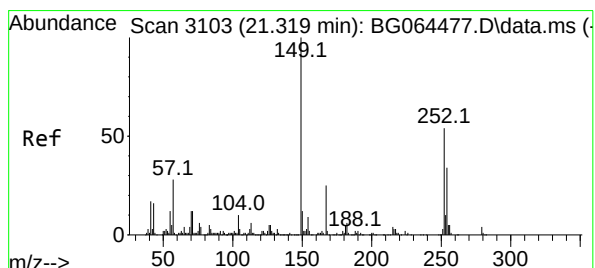
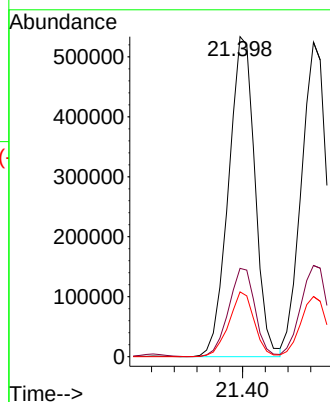
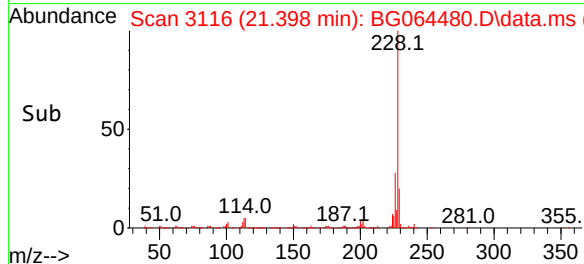
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:228 Resp: 859554  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.8 34.2  
229 20.2 15.2 22.8

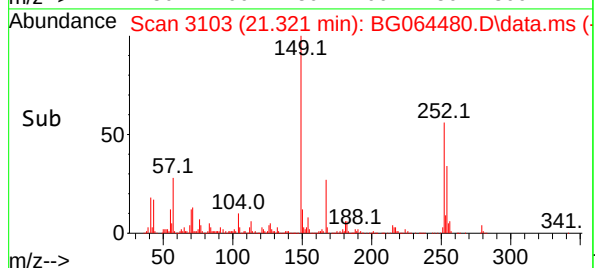
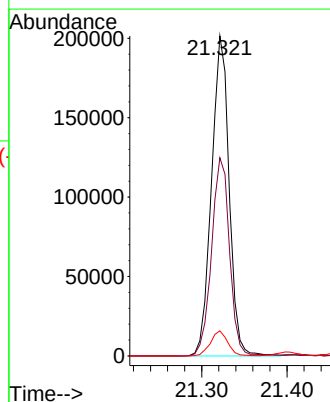
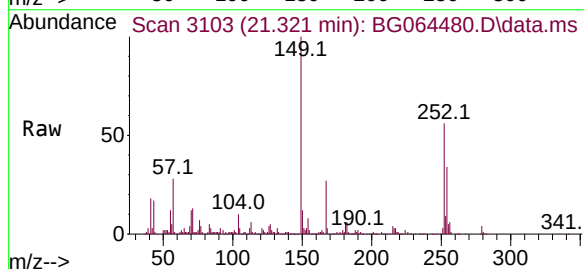
Manual Integrations  
APPROVED

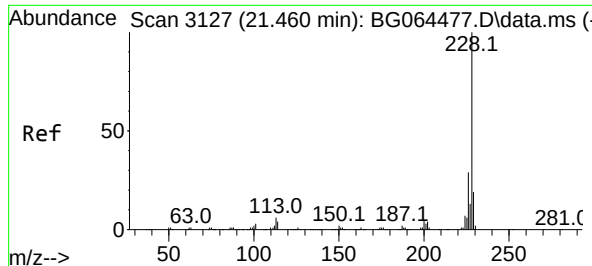
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 77.829 ng  
RT: 21.321 min Scan# 3103  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:252 Resp: 288449  
Ion Ratio Lower Upper  
252 100  
254 61.9 50.5 75.7  
126 7.8 7.1 10.7





#83

Chrysene

Concen: 77.803 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.011 min

Lab File: BG064480.D

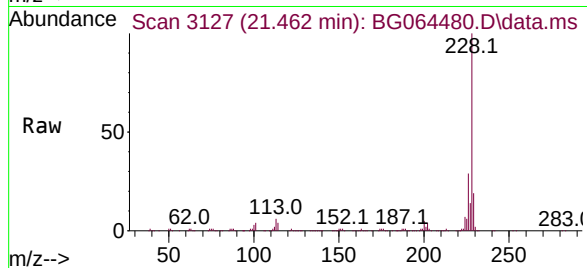
Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



Tgt Ion:228 Resp: 807962

Ion Ratio Lower Upper

228 100

226 29.0 22.8 34.2

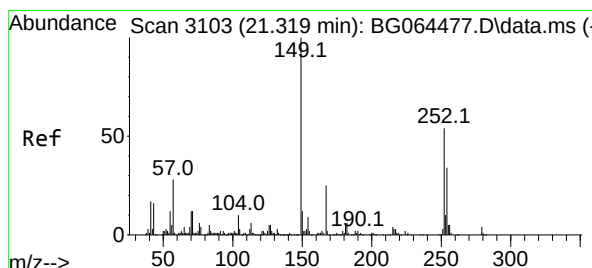
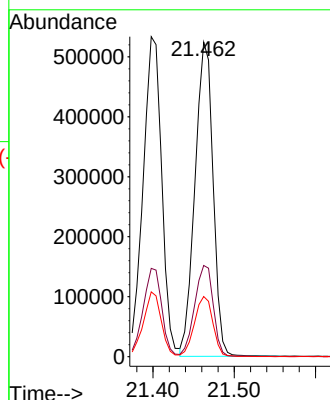
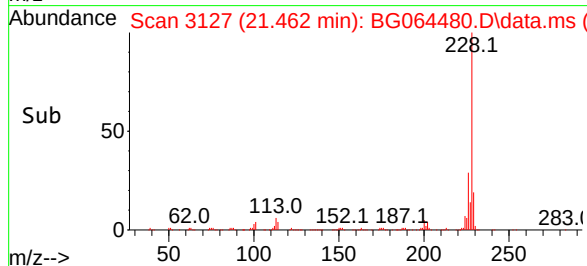
229 19.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.044 ng

RT: 21.321 min Scan# 3103

Delta R.T. 0.005 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

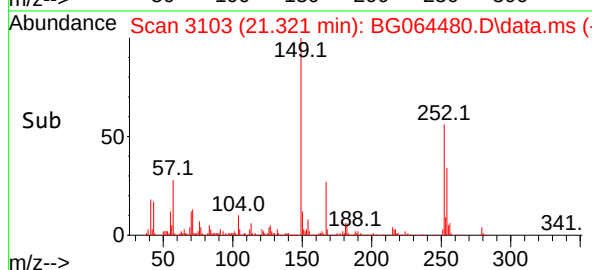
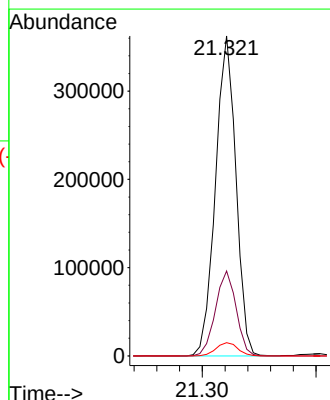
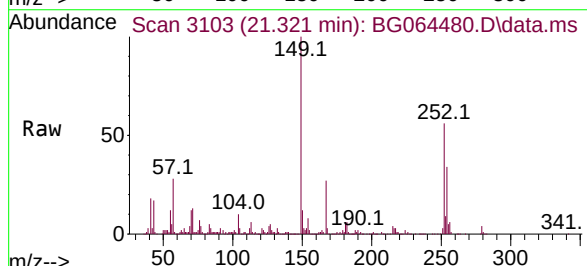
Tgt Ion:149 Resp: 451147

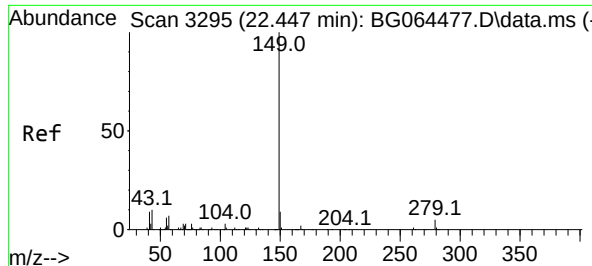
Ion Ratio Lower Upper

149 100

167 26.5 19.7 29.5

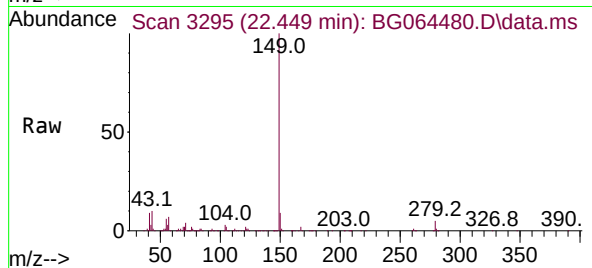
279 4.1 3.4 5.2





#85  
Di-n-octyl phthalate  
Concen: 79.877 ng  
RT: 22.449 min Scan# 31  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

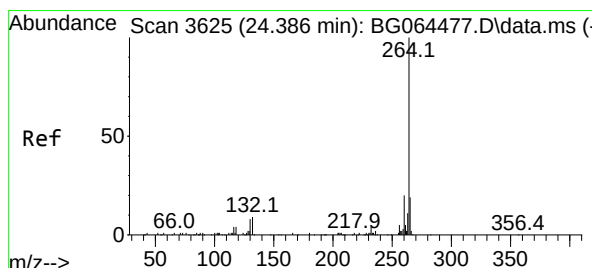
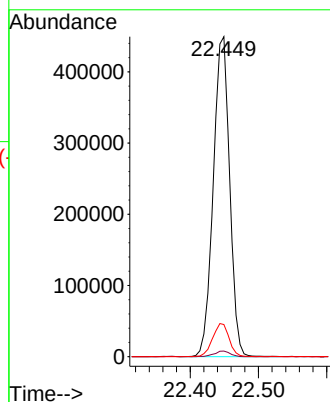
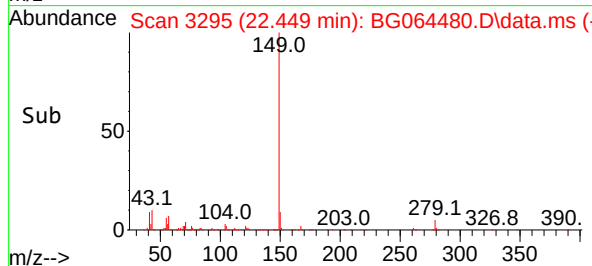
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:149 Resp: 747301  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 10.4 7.9 11.9

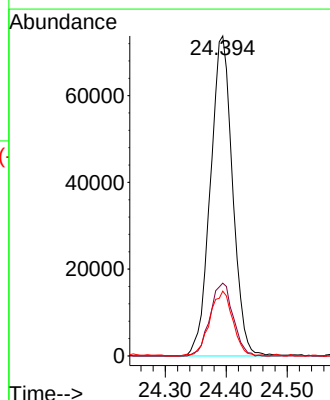
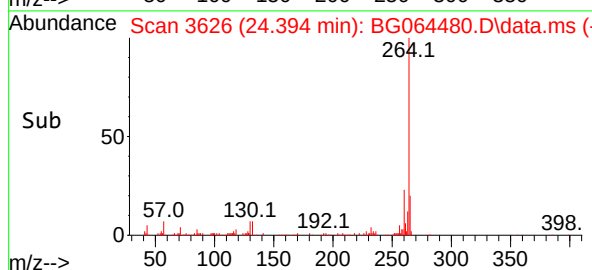
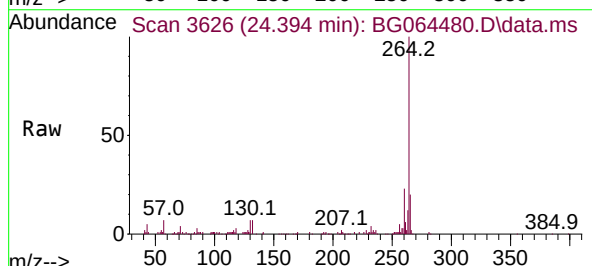
Manual Integrations  
APPROVED

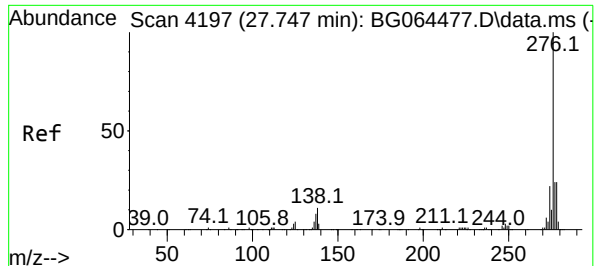
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.394 min Scan# 3626  
Delta R.T. 0.005 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

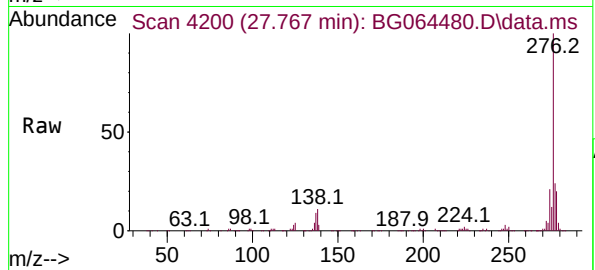
Tgt Ion:264 Resp: 185893  
Ion Ratio Lower Upper  
264 100  
260 22.7 16.2 24.4  
265 20.2 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 78.621 ng  
RT: 27.767 min Scan# 4197  
Delta R.T. 0.034 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

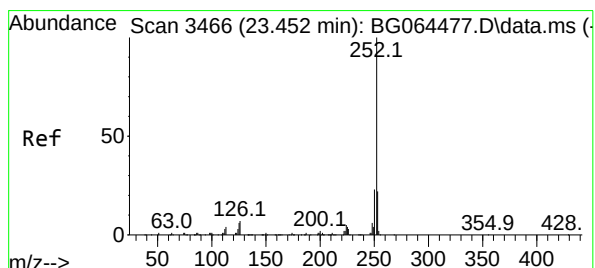
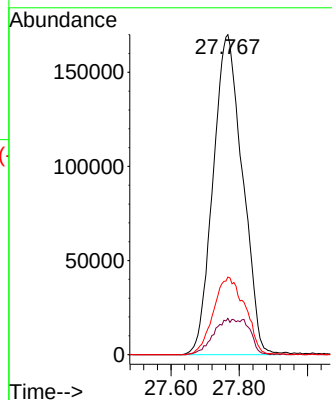
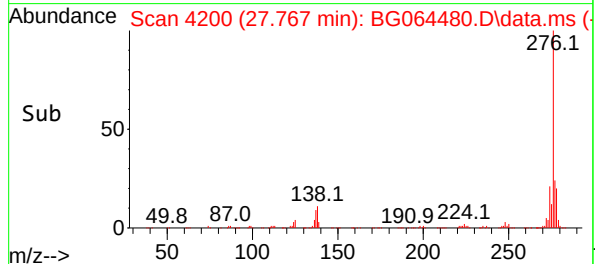
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



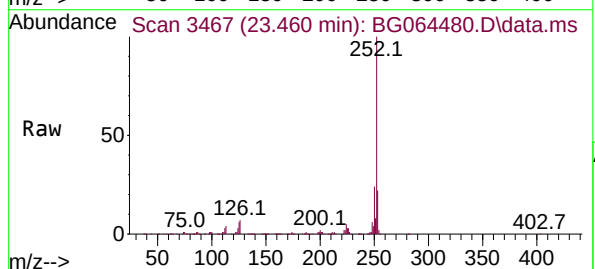
Tgt Ion:276 Resp: 1017303  
Ion Ratio Lower Upper  
276 100  
138 6.5 10.8 16.2  
277 26.0 20.3 30.5

Manual Integrations  
APPROVED

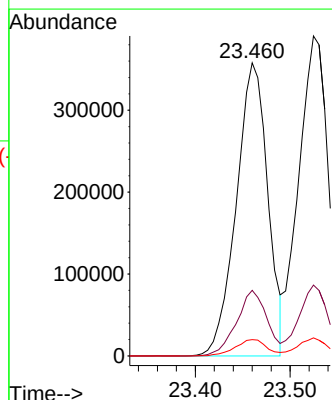
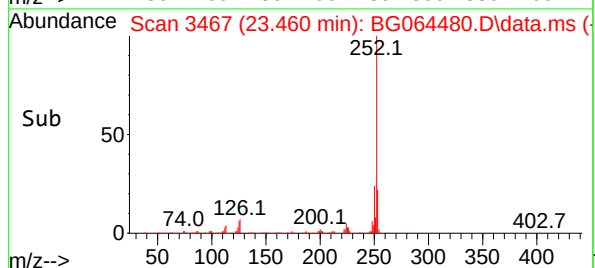
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

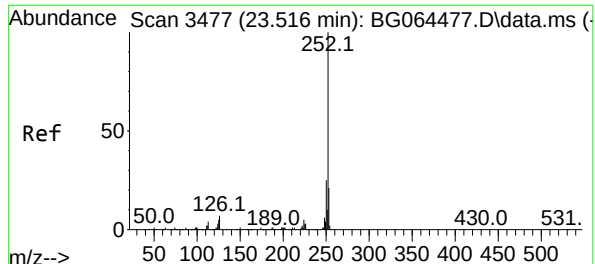


#88  
Benzo(b)fluoranthene  
Concen: 78.008 ng  
RT: 23.460 min Scan# 3467  
Delta R.T. 0.011 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16



Tgt Ion:252 Resp: 824972  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.5 26.3  
125 5.5 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 79.738 ng

RT: 23.525 min Scan# 3477

Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 849303

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

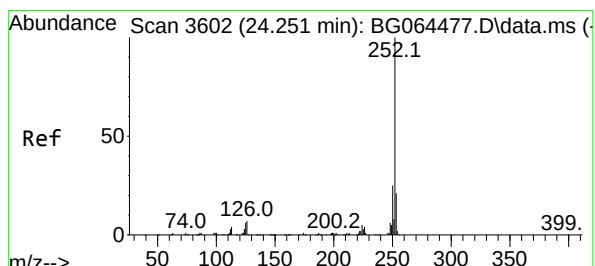
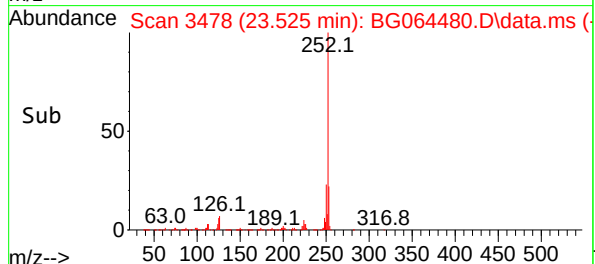
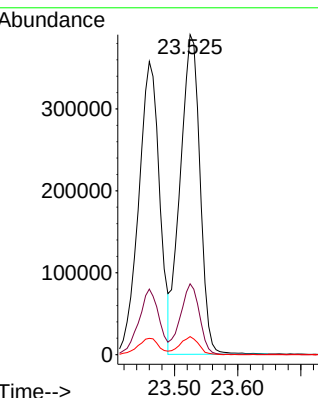
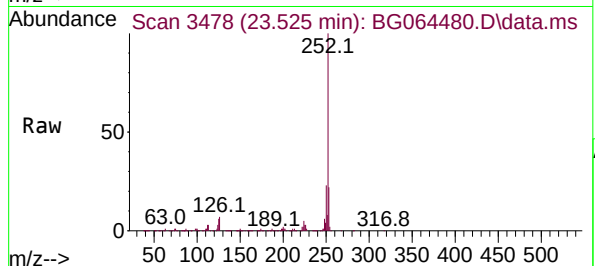
125 5.7 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 79.130 ng

RT: 24.265 min Scan# 3604

Delta R.T. 0.017 min

Lab File: BG064480.D

Acq: 2 Oct 2025 14:16

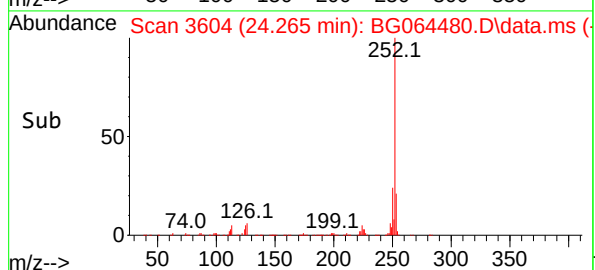
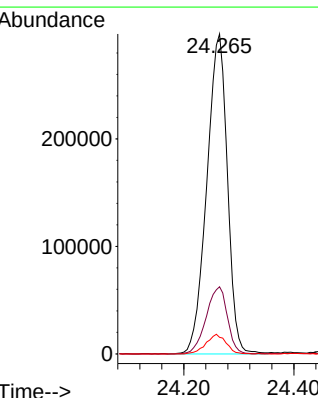
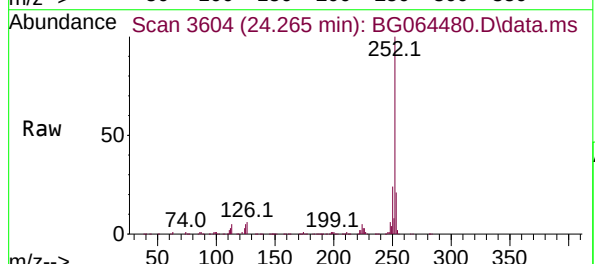
Tgt Ion:252 Resp: 771257

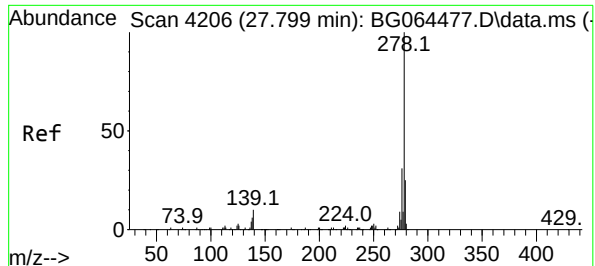
Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

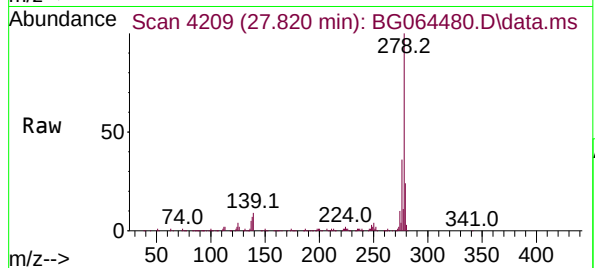
125 5.2 4.6 6.8





#91  
Dibenzo(a,h)anthracene  
Concen: 80.178 ng  
RT: 27.820 min Scan# 41  
Delta R.T. 0.040 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

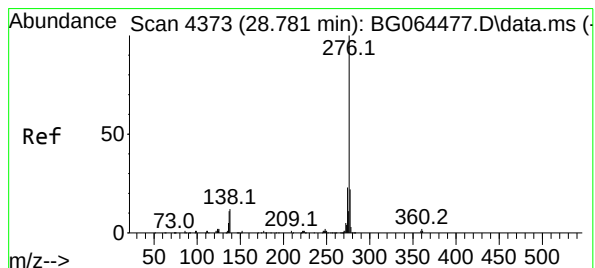
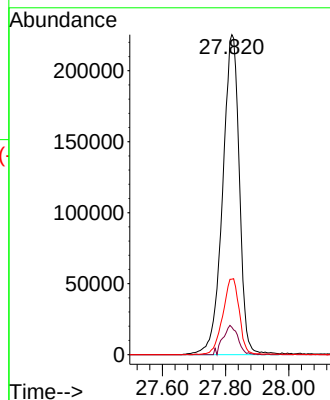
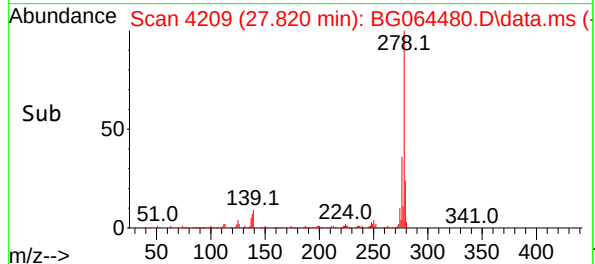
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:278 Resp: 829660  
Ion Ratio Lower Upper  
278 100  
139 8.5 8.2 12.2  
279 23.6 19.6 29.4

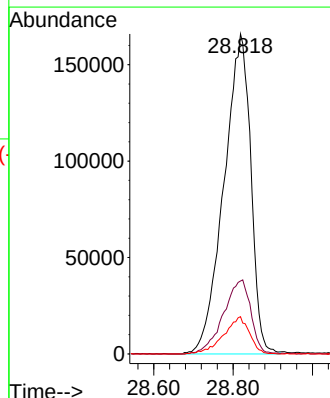
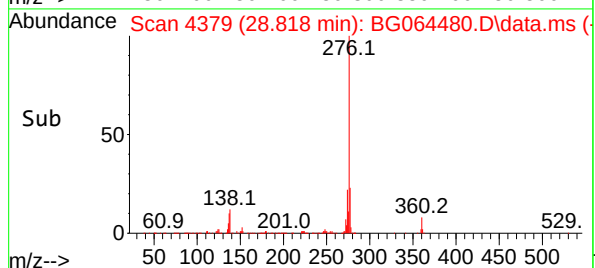
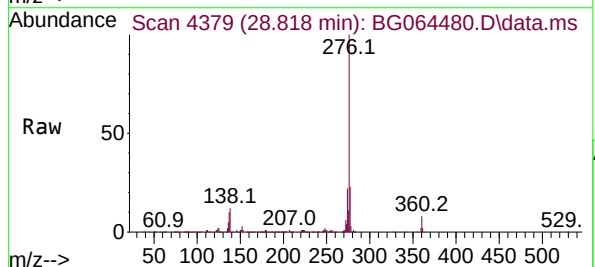
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 77.460 ng  
RT: 28.818 min Scan# 4379  
Delta R.T. 0.052 min  
Lab File: BG064480.D  
Acq: 2 Oct 2025 14:16

Tgt Ion:276 Resp: 778918  
Ion Ratio Lower Upper  
276 100  
277 22.8 17.8 26.6  
138 11.6 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064481.D  
 Acq On : 2 Oct 2025 15:49  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 17:12:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.820  | 152  | 18970    | 20.000 | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.605 | 136  | 83408    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.448 | 164  | 63487    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 165339   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.410 | 240  | 164846   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.389 | 264  | 177771   | 20.000 | ng    | # 0.00   |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.406  | 112  | 19317    | 18.845 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.986  | 99   | 26053    | 18.914 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.966  | 82   | 29358    | 18.926 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.934 | 330  | 22352    | 19.423 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.067 | 172  | 84929    | 19.718 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.806 | 244  | 174977   | 20.088 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.320  | 88   | 3907     | 9.636  | ng    | 90       |
| 3) Pyridine                   | 3.714  | 79   | 10914    | 10.016 | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.625  | 42   | 8097     | 10.250 | ng    | 99       |
| 6) Aniline                    | 7.145  | 93   | 16489    | 9.490  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.386  | 128  | 11988    | 9.524  | ng    | 92       |
| 9) Benzaldehyde               | 6.963  | 77   | 13633    | 11.149 | ng    | 86       |
| 10) Phenol                    | 7.016  | 94   | 13252    | 9.120  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.245  | 93   | 9040     | 9.186  | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 7.709  | 146  | 13843    | 10.054 | ng    | 91       |
| 13) 1,4-Dichlorobenzene       | 7.856  | 146  | 13607    | 9.847  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.173  | 146  | 13175    | 9.674  | ng    | 93       |
| 15) Benzyl Alcohol            | 8.055  | 79   | 11608    | 9.151  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.338  | 45   | 15268    | 9.625  | ng    | 95       |
| 17) 2-Methylphenol            | 8.261  | 107  | 10084    | 9.584  | ng    | 92       |
| 18) Hexachloroethane          | 8.896  | 117  | 5976     | 10.956 | ng    | 87       |
| 19) n-Nitroso-di-n-propyla... | 8.614  | 70   | 8658     | 9.398  | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.590  | 107  | 13961    | 9.508  | ng    | 96       |
| 22) Acetophenone              | 8.631  | 105  | 18753    | 9.286  | ng    | # 91     |
| 24) Nitrobenzene              | 9.013  | 77   | 14519    | 9.386  | ng    | # 92     |
| 25) Isophorone                | 9.530  | 82   | 27293    | 9.712  | ng    | # 95     |
| 26) 2-Nitrophenol             | 9.718  | 139  | 7029     | 9.130  | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 9.783  | 122  | 10726    | 9.122  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.018 | 93   | 13354    | 9.323  | ng    | 93       |
| 29) 2,4-Dichlorophenol        | 10.259 | 162  | 12712    | 9.349  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.470 | 180  | 13887    | 9.366  | ng    | # 89     |
| 31) Naphthalene               | 10.652 | 128  | 40855    | 9.512  | ng    | 97       |
| 32) Benzoic acid              | 9.889  | 122  | 6224m    | 6.894  | ng    |          |
| 33) 4-Chloroaniline           | 10.764 | 127  | 16589    | 10.065 | ng    | # 91     |
| 34) Hexachlorobutadiene       | 10.946 | 225  | 12067    | 9.503  | ng    | 97       |
| 35) Caprolactam               | 11.510 | 113  | 4491     | 9.648  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 11.892 | 107  | 15870    | 9.597  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.268 | 142  | 32141    | 9.749  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.486 | 142  | 32614    | 9.921  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.638 | 216  | 19175    | 9.354  | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 12.621 | 237  | 8845     | 8.249  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.879 | 196  | 12393    | 9.457  | ng    | 95       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064481.D  
 Acq On : 2 Oct 2025 15:49  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 17:12:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.956 | 196  | 14346    | 9.806  | ng    | # 94     |
| 46) 1,1'-Biphenyl             | 13.279 | 154  | 44053    | 9.648  | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.320 | 162  | 35050    | 10.281 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.526 | 65   | 11482    | 9.868  | ng    | 93       |
| 49) Acenaphthylene            | 14.172 | 152  | 48705    | 9.624  | ng    | # 93     |
| 50) Dimethylphthalate         | 13.902 | 163  | 50268    | 10.110 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.019 | 165  | 10337    | 9.980  | ng    | 98       |
| 52) Acenaphthene              | 14.513 | 154  | 34887    | 9.922  | ng    | 96       |
| 53) 3-Nitroaniline            | 14.348 | 138  | 9342     | 9.780  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.566 | 184  | 8424     | 11.216 | ng    | # 71     |
| 55) Dibenzofuran              | 14.848 | 168  | 57456    | 9.897  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.665 | 139  | 6104     | 8.116  | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.812 | 165  | 15843    | 10.006 | ng    | 97       |
| 58) Fluorene                  | 15.494 | 166  | 47958    | 9.937  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.071 | 232  | 14205    | 9.514  | ng    | 97       |
| 60) Diethylphthalate          | 15.271 | 149  | 53695    | 10.066 | ng    | # 94     |
| 61) 4-Chlorophenyl-phenyle... | 15.488 | 204  | 25669    | 9.742  | ng    | 94       |
| 62) 4-Nitroaniline            | 15.511 | 138  | 9390     | 9.431  | ng    | # 85     |
| 63) Azobenzene                | 15.782 | 77   | 41235    | 9.982  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.576 | 198  | 10315    | 8.960  | ng    | 79       |
| 66) n-Nitrosodiphenylamine    | 15.705 | 169  | 42881    | 9.712  | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 16.381 | 248  | 18933    | 9.731  | ng    | 92       |
| 68) Hexachlorobenzene         | 16.499 | 284  | 21542    | 9.676  | ng    | 99       |
| 69) Atrazine                  | 16.651 | 200  | 19877    | 10.119 | ng    | 92       |
| 70) Pentachlorophenol         | 16.845 | 266  | 9789     | 7.520  | ng    | # 84     |
| 71) Phenanthrene              | 17.227 | 178  | 84477    | 9.770  | ng    | 96       |
| 72) Anthracene                | 17.321 | 178  | 84981    | 9.797  | ng    | 100      |
| 73) Carbazole                 | 17.591 | 167  | 73994    | 9.869  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.155 | 149  | 89166    | 9.742  | ng    | 97       |
| 75) Fluoranthene              | 19.236 | 202  | 101360   | 9.813  | ng    | 98       |
| 77) Benzidine                 | 19.425 | 184  | 32380    | 7.894  | ng    | 98       |
| 78) Pyrene                    | 19.601 | 202  | 109573   | 10.242 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.500 | 149  | 36112    | 9.522  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.393 | 228  | 102096   | 9.700  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.316 | 252  | 34449    | 9.670  | ng    | 99       |
| 83) Chrysene                  | 21.452 | 228  | 98898    | 9.908  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.316 | 149  | 52514    | 9.814  | ng    | 94       |
| 85) Di-n-octyl phthalate      | 22.439 | 149  | 86988    | 9.673  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.732 | 276  | 117303   | 9.480  | ng    | # 75     |
| 88) Benzo(b)fluoranthene      | 23.449 | 252  | 96327    | 9.525  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.508 | 252  | 96178    | 9.442  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.248 | 252  | 88822    | 9.529  | ng    | # 93     |
| 91) Dibenzo(a,h)anthracene    | 27.779 | 278  | 93585    | 9.457  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.767 | 276  | 93612    | 9.735  | ng    | # 92     |

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

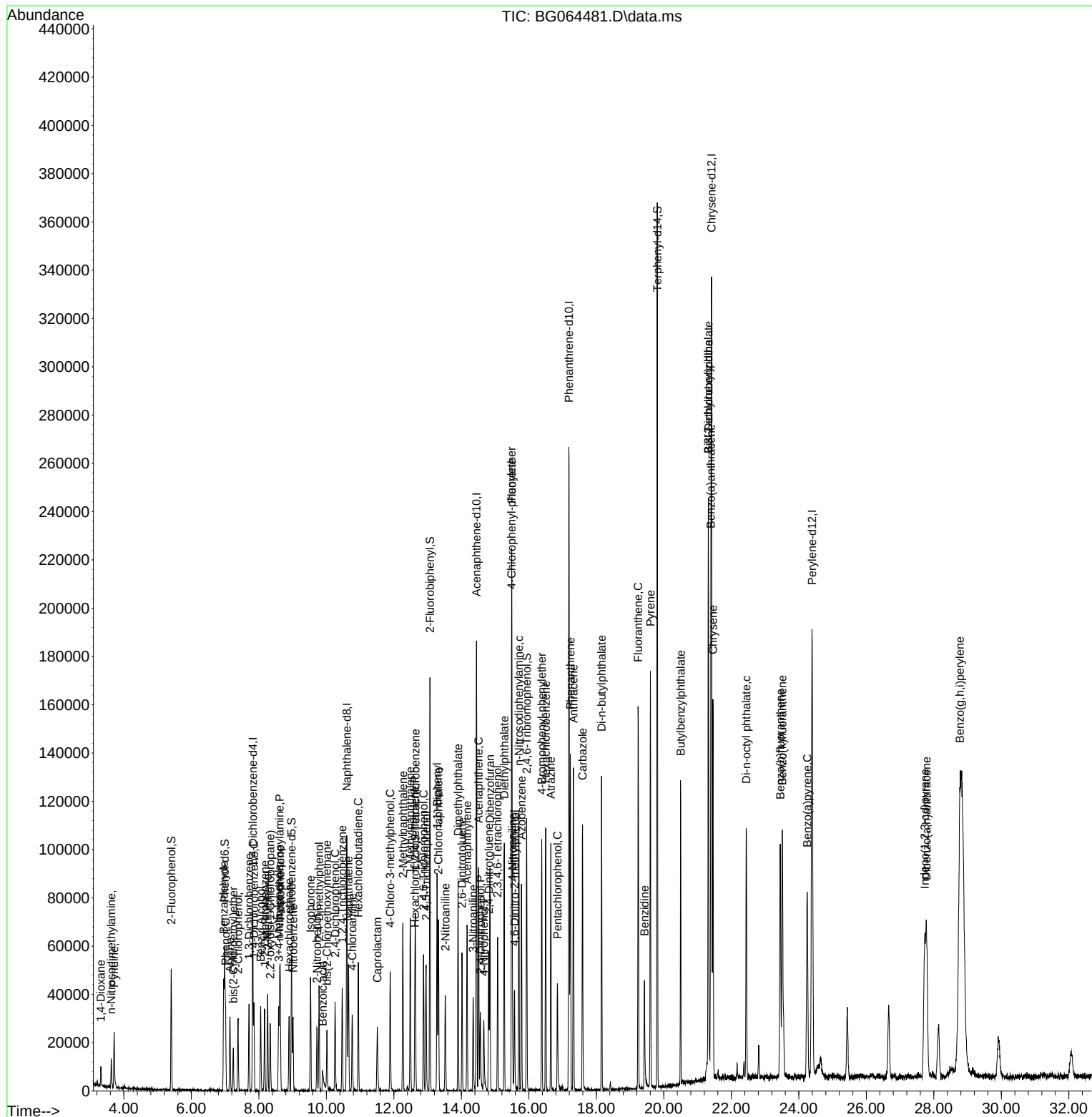
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Data File : BG064481.D  
Acq On    : 2 Oct 2025 15:49  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 10 Sample Multiplier: 1
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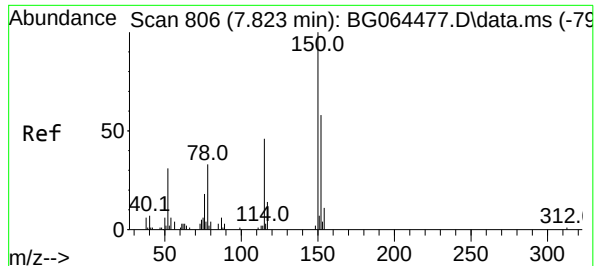
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC010

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

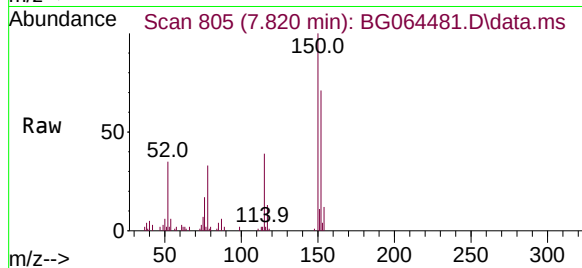
Quant Time: Oct 02 17:12:17 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.820 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

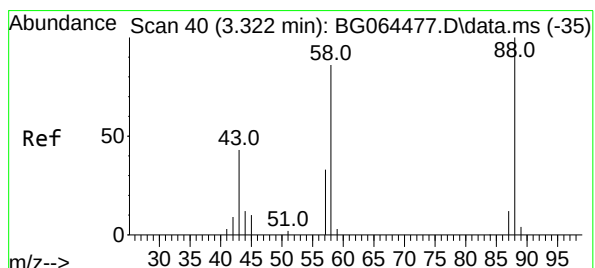
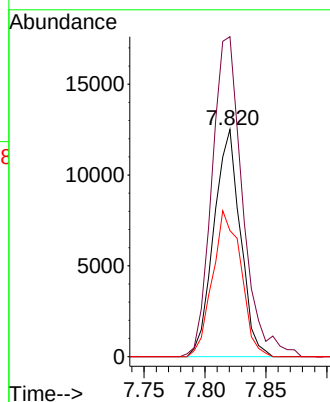
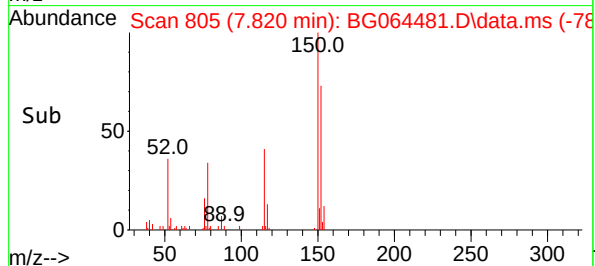
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:152 Resp: 18970  
Ion Ratio Lower Upper  
152 100  
150 140.9 138.6 207.8  
115 55.5 63.4 95.2

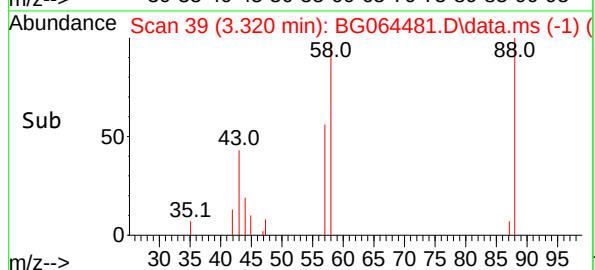
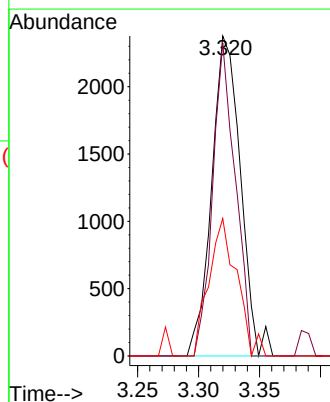
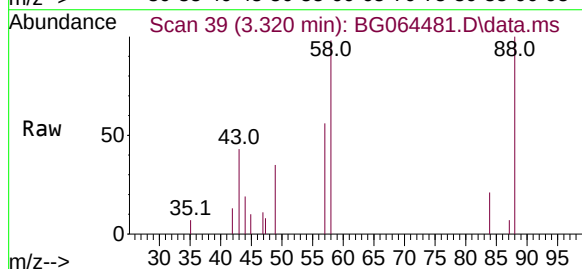
Manual Integrations  
APPROVED

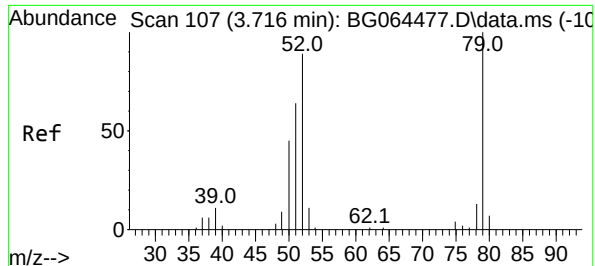
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#2  
1,4-Dioxane  
Concen: 9.636 ng  
RT: 3.320 min Scan# 39  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

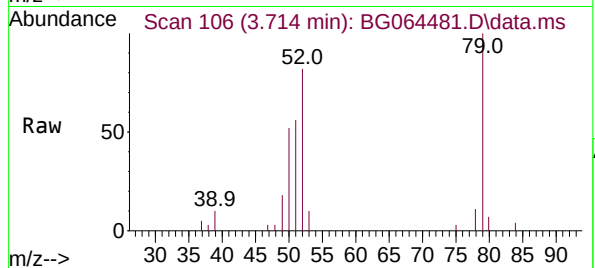
Tgt Ion: 88 Resp: 3907  
Ion Ratio Lower Upper  
88 100  
58 77.0 69.8 104.6  
43 41.6 37.4 56.0





#3  
Pyridine  
Concen: 10.016 ng  
RT: 3.714 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

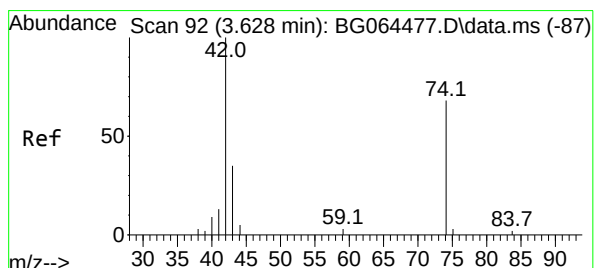
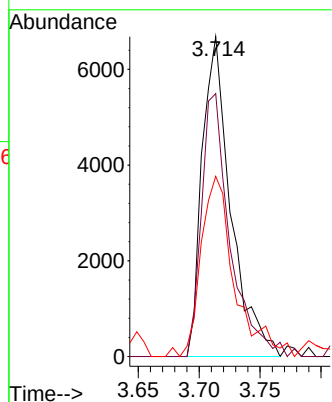
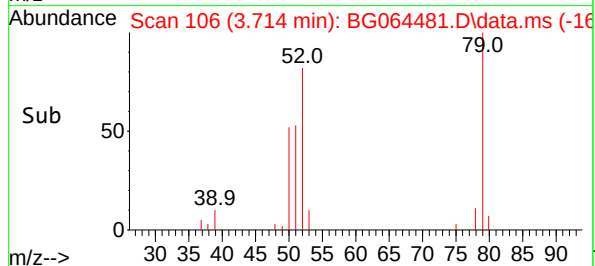
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion: 79 Resp: 10914  
Ion Ratio Lower Upper  
79 100  
52 82.2 71.0 106.4  
51 56.3 51.0 76.6

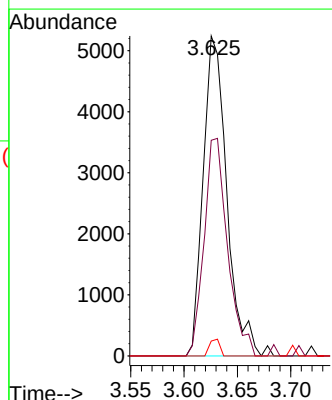
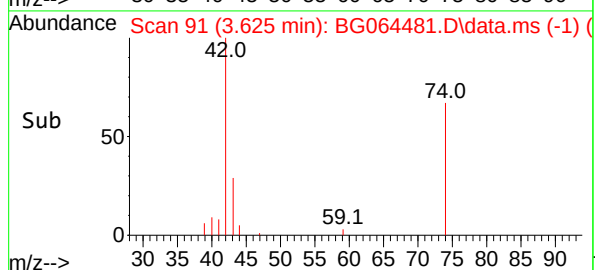
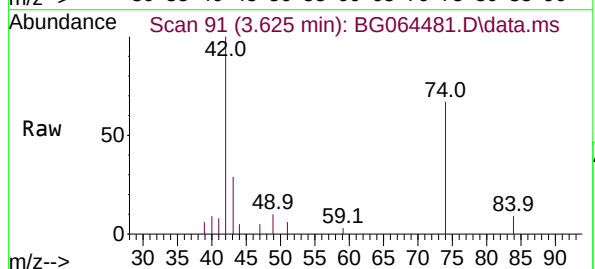
Manual Integrations  
APPROVED

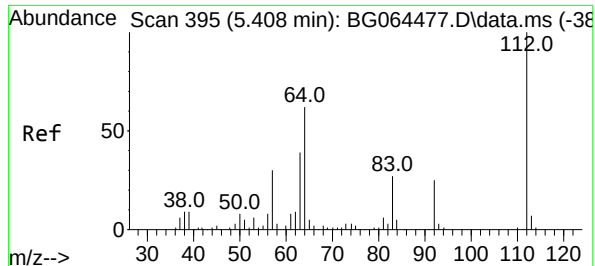
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#4  
n-Nitrosodimethylamine  
Concen: 10.250 ng  
RT: 3.625 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

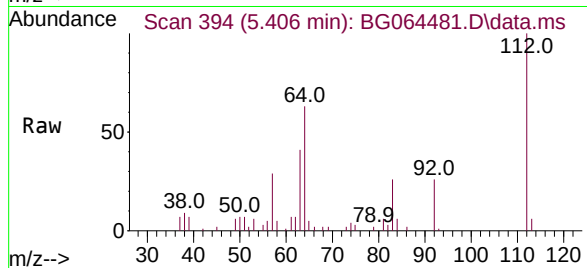
Tgt Ion: 42 Resp: 8097  
Ion Ratio Lower Upper  
42 100  
74 67.4 54.2 81.4  
44 4.7 4.2 6.2





#5  
2-Fluorophenol  
Concen: 18.845 ng  
RT: 5.406 min Scan# 395  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

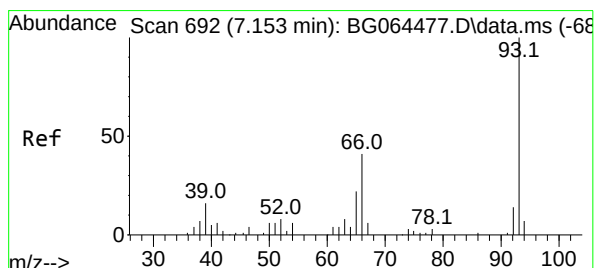
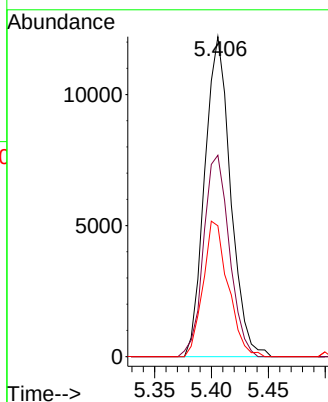
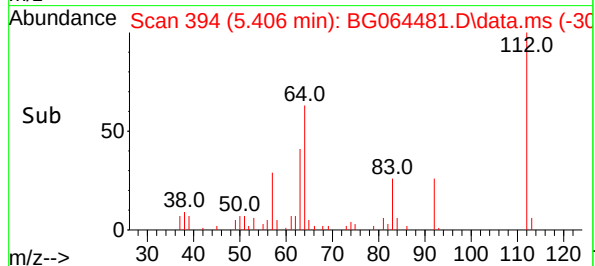
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:112 Resp: 19317  
Ion Ratio Lower Upper  
112 100  
64 62.9 49.8 74.8  
63 40.9 31.3 46.9

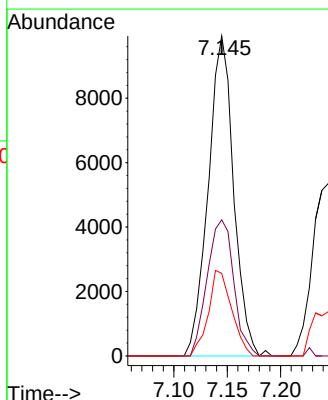
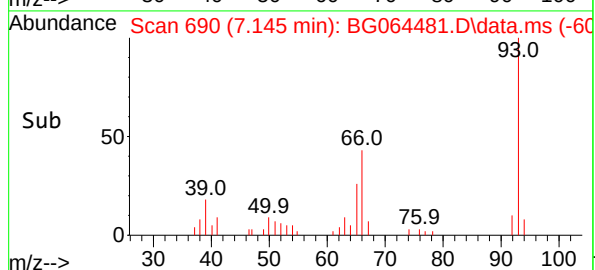
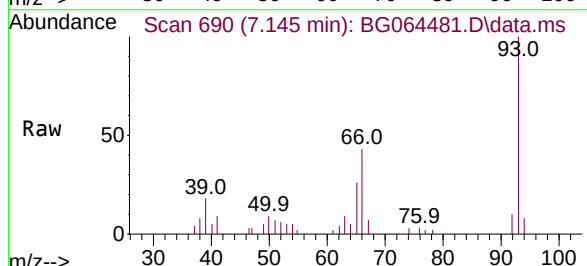
Manual Integrations  
APPROVED

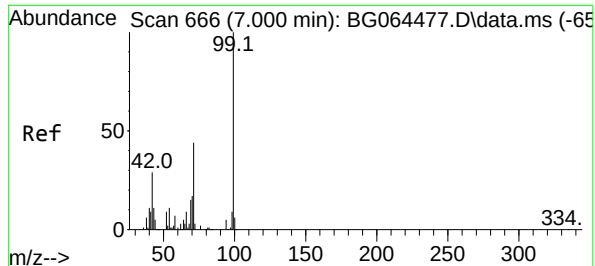
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#6  
Aniline  
Concen: 9.490 ng  
RT: 7.145 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Tgt Ion: 93 Resp: 16489  
Ion Ratio Lower Upper  
93 100  
66 42.5 33.0 49.4  
65 25.8 17.5 26.3





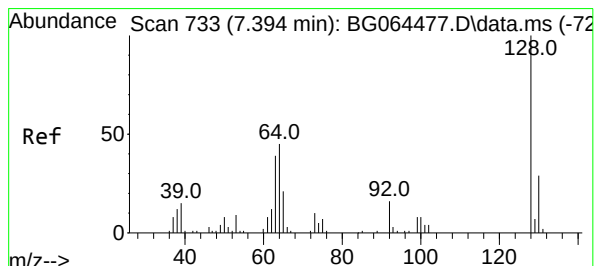
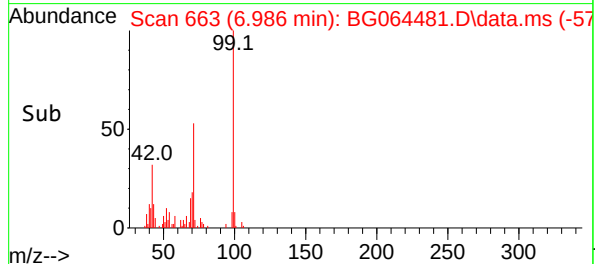
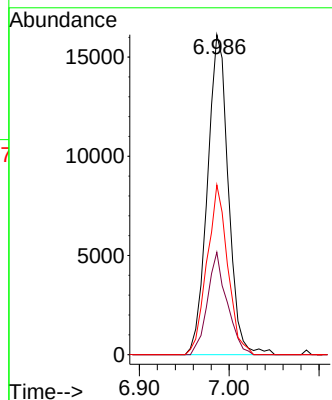
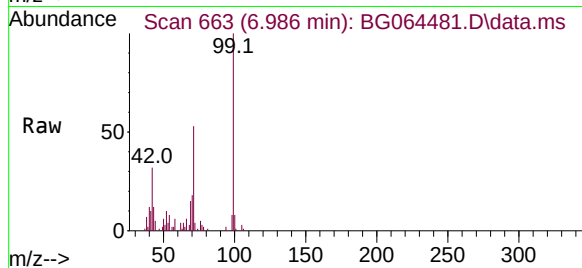
#7  
Phenol-d6  
Concen: 18.914 ng  
RT: 6.986 min Scan# 60  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

| Tgt Ion: | 99   | Ratio | 100  | Lower | Upper |
|----------|------|-------|------|-------|-------|
| 99       | 100  |       |      |       |       |
| 42       | 32.0 |       | 22.9 | 34.3  |       |
| 71       | 53.0 |       | 35.4 | 53.2  |       |

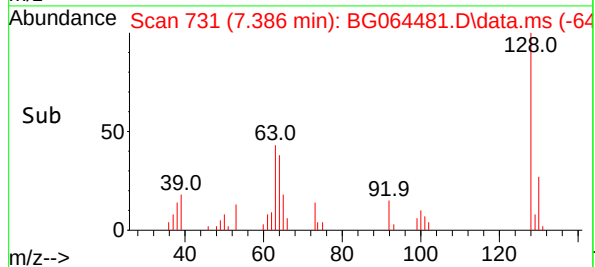
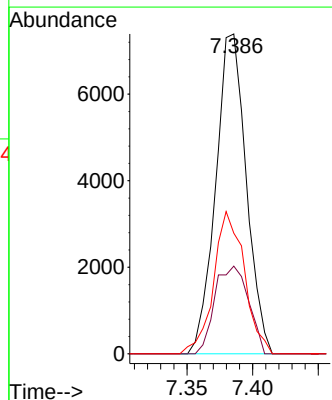
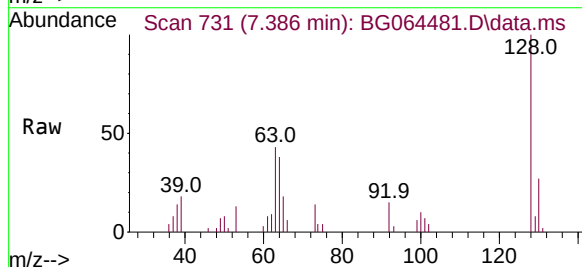
Manual Integrations  
APPROVED

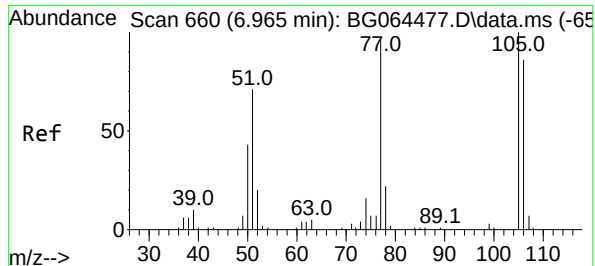
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#8  
2-Chlorophenol  
Concen: 9.524 ng  
RT: 7.386 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

| Tgt Ion: | 128  | Ratio | 100  | Lower | Upper |
|----------|------|-------|------|-------|-------|
| 128      | 100  |       |      |       |       |
| 130      | 27.4 |       | 9.2  | 49.2  |       |
| 64       | 37.7 |       | 25.5 | 65.5  |       |





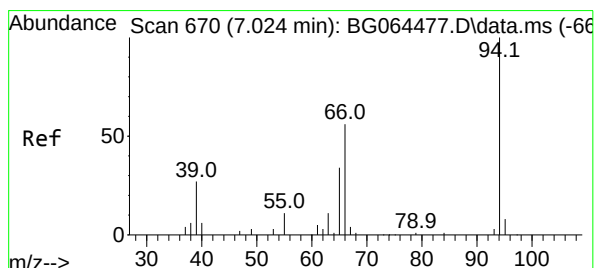
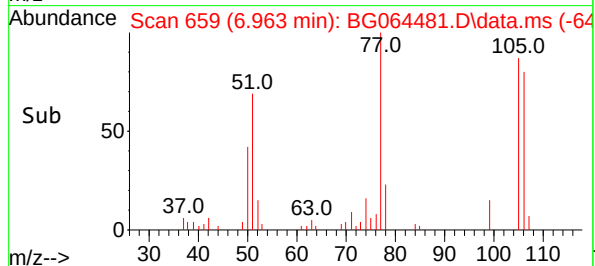
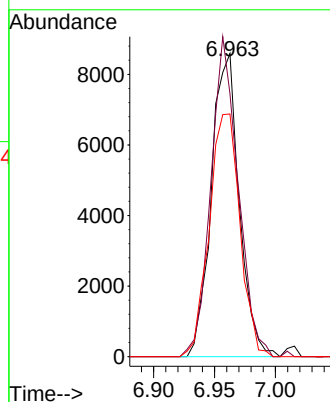
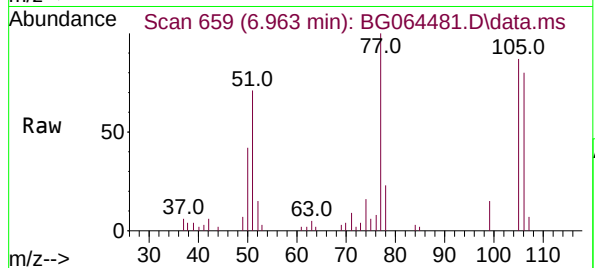
#9  
Benzaldehyde  
Concen: 11.149 ng  
RT: 6.963 min Scan# 660  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion: 77 Resp: 1363  
Ion Ratio Lower Upper  
77 100  
105 86.7 83.7 123.7  
106 80.0 69.4 109.4

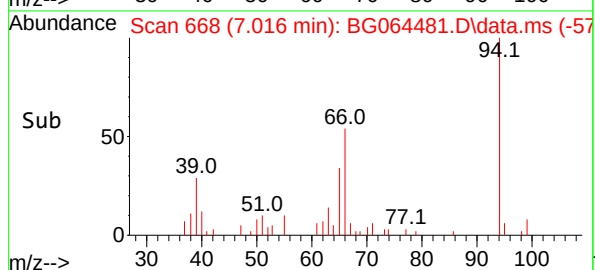
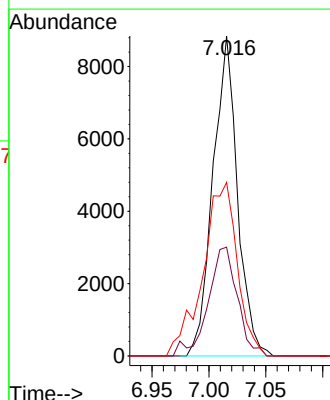
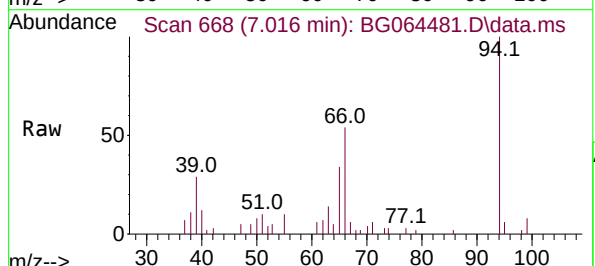
Manual Integrations  
APPROVED

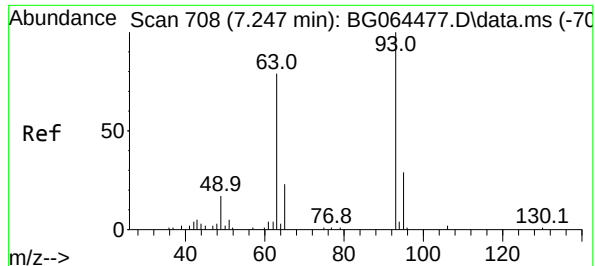
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#10  
Phenol  
Concen: 9.120 ng  
RT: 7.016 min Scan# 668  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

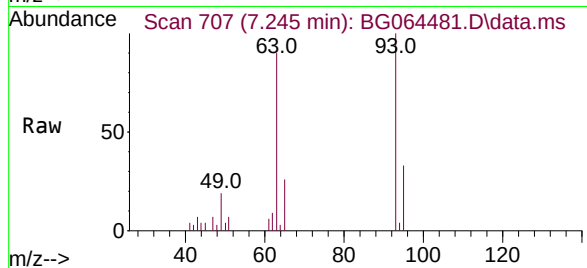
Tgt Ion: 94 Resp: 13252  
Ion Ratio Lower Upper  
94 100  
65 34.0 14.8 54.8  
66 54.2 41.4 81.4





#11  
bis(2-Chloroethyl)ether  
Concen: 9.186 ng  
RT: 7.245 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

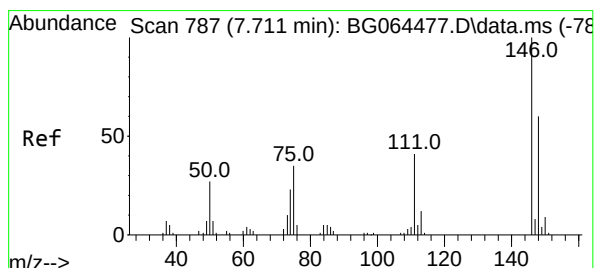
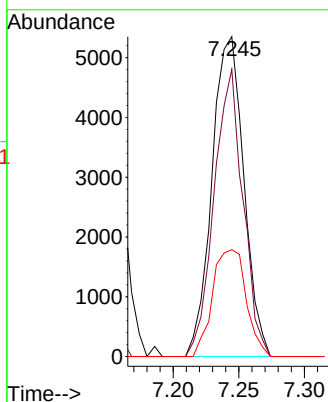
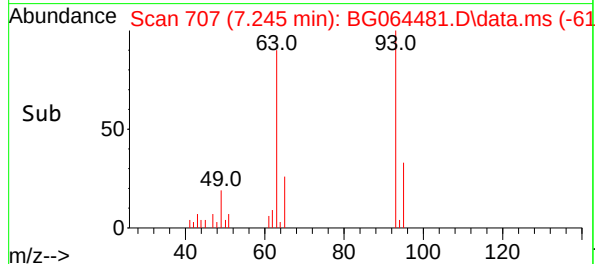
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



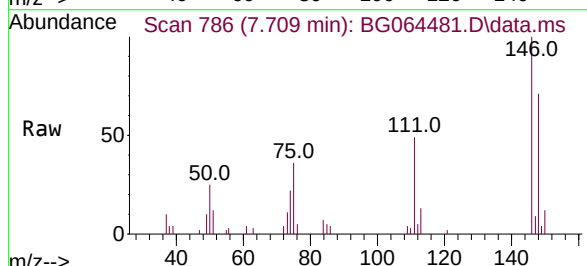
Tgt Ion: 93 Resp: 9040  
Ion Ratio Lower Upper  
93 100  
63 89.8 59.5 99.5  
95 33.4 8.8 48.8

Manual Integrations  
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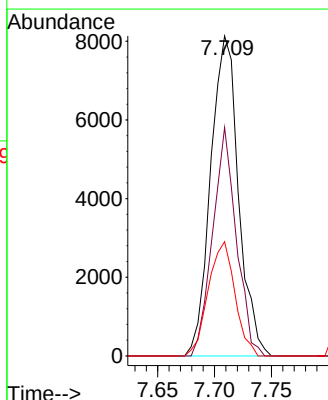
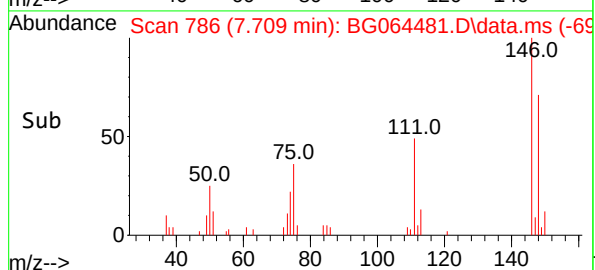
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



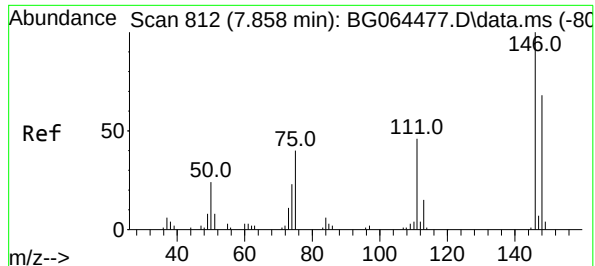
#12  
1,3-Dichlorobenzene  
Concen: 10.054 ng  
RT: 7.709 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion:146 Resp: 13843  
Ion Ratio Lower Upper  
146 100  
148 71.4 48.4 72.6  
75 35.7 28.3 42.5







#13

1,4-Dichlorobenzene

Concen: 9.847 ng

RT: 7.856 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

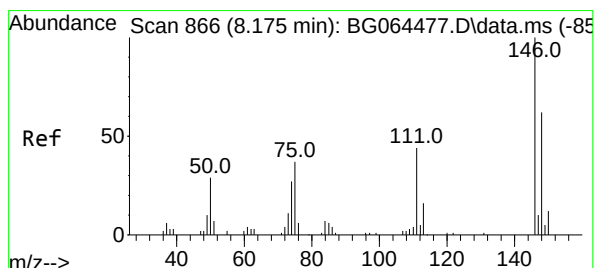
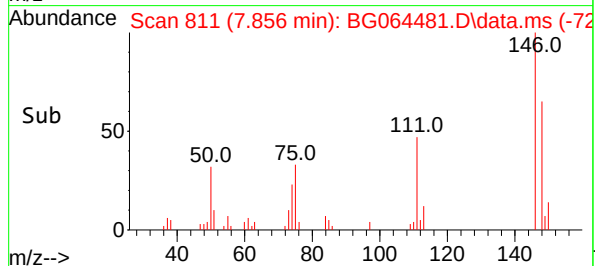
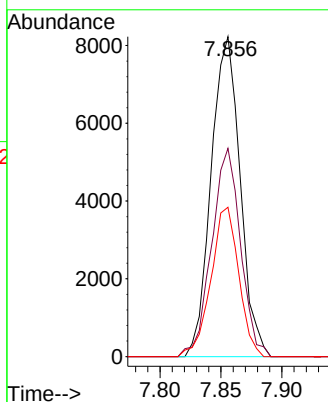
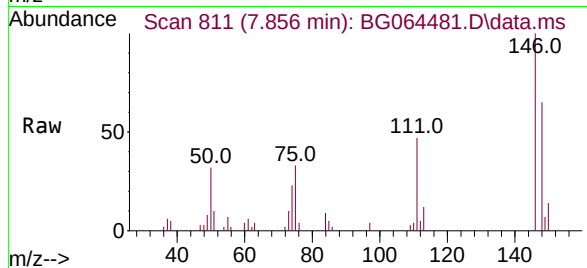
| Tgt Ion | 146  | 148  | 111  |
|---------|------|------|------|
| Resp:   | 1360 |      |      |
| Ratio   | 100  | 65.1 | 46.7 |
| Lower   |      | 54.4 | 36.5 |
| Upper   |      | 81.6 | 54.7 |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 9.674 ng

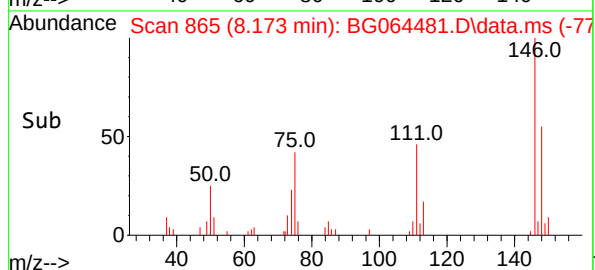
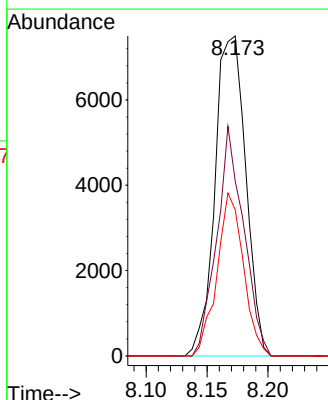
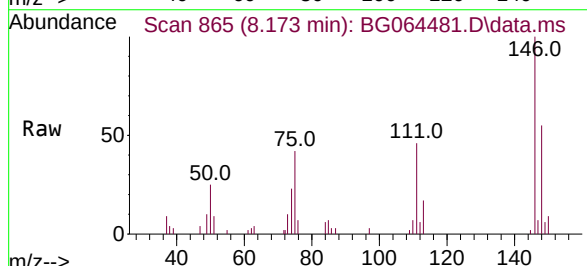
RT: 8.173 min Scan# 865

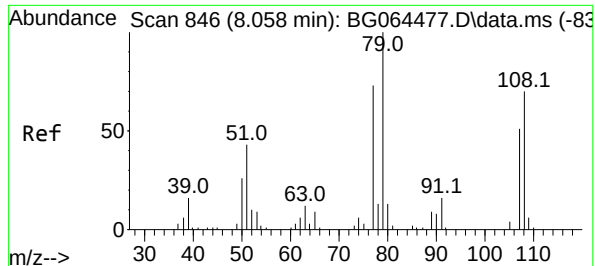
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

| Tgt Ion | 146   | 148  | 111  |
|---------|-------|------|------|
| Resp:   | 13175 |      |      |
| Ratio   | 100   | 54.7 | 45.7 |
| Lower   |       | 50.0 | 35.0 |
| Upper   |       | 75.0 | 52.4 |





#15

Benzyl Alcohol

Concen: 9.151 ng

RT: 8.055 min Scan# 84

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 11608

Ion Ratio Lower Upper

79 100

108 70.0 56.4 84.6

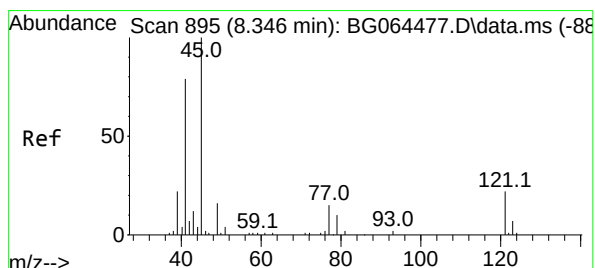
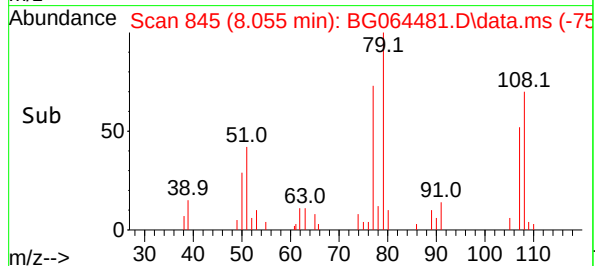
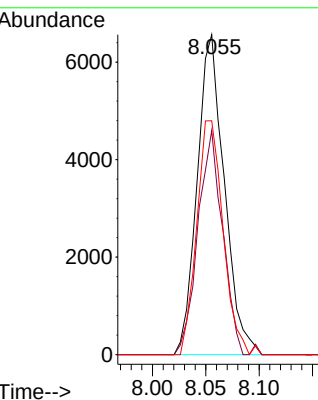
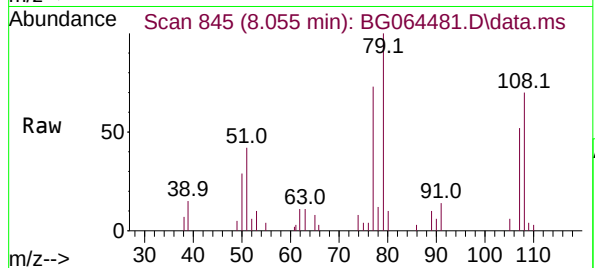
77 73.1 58.3 87.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.625 ng

RT: 8.338 min Scan# 893

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

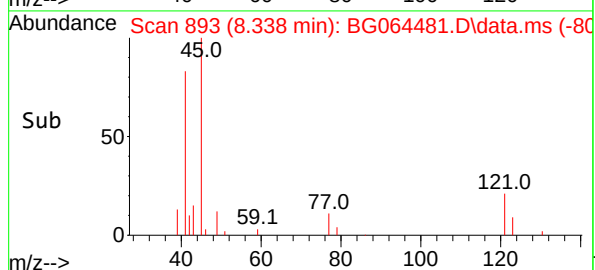
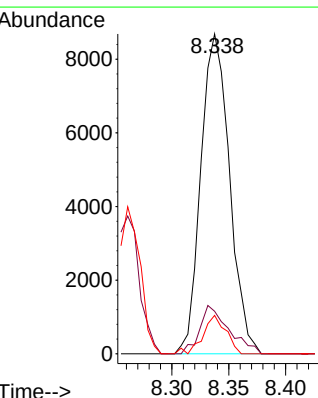
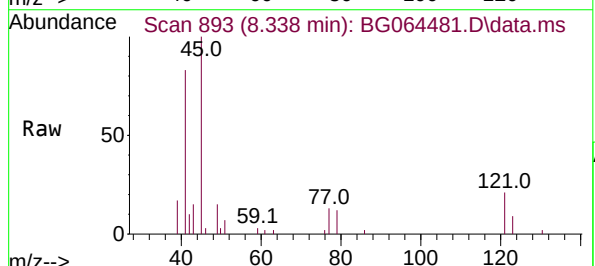
Tgt Ion: 45 Resp: 15268

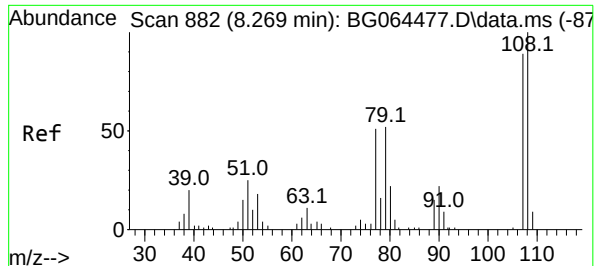
Ion Ratio Lower Upper

45 100

77 13.3 0.0 35.6

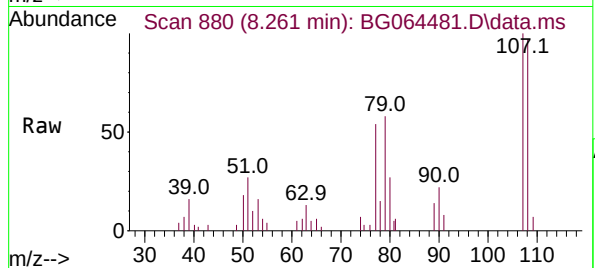
79 12.0 0.0 30.7





#17  
2-Methylphenol  
Concen: 9.584 ng  
RT: 8.261 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

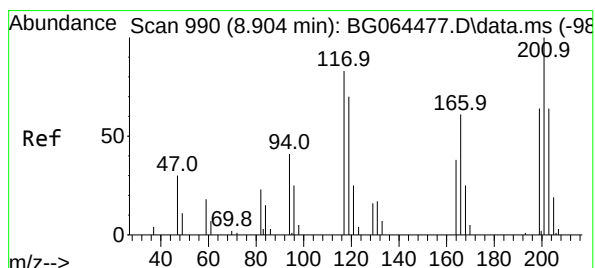
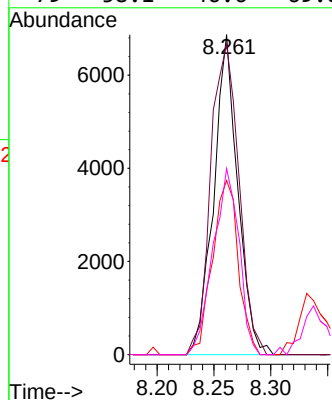
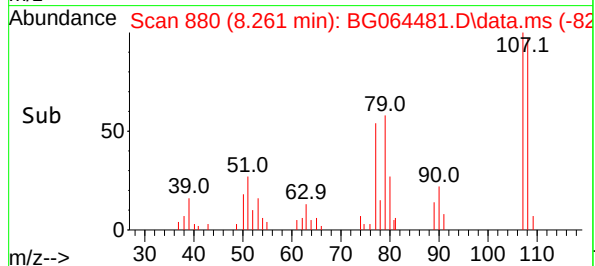
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



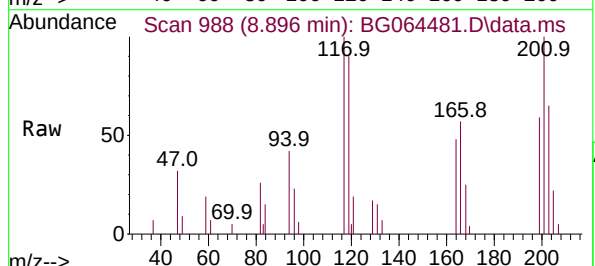
Tgt Ion:107 Resp: 10084  
Ion Ratio Lower Upper  
107 100  
108 97.0 90.3 135.5  
77 54.4 46.0 69.0  
79 58.1 46.6 69.8

Manual Integrations  
APPROVED

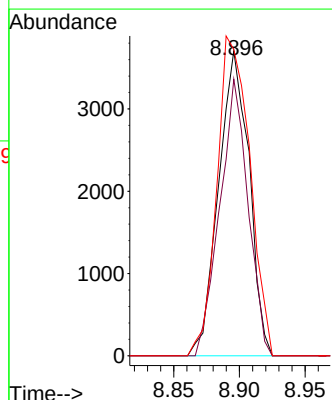
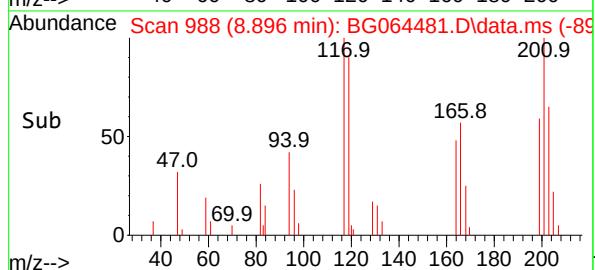
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

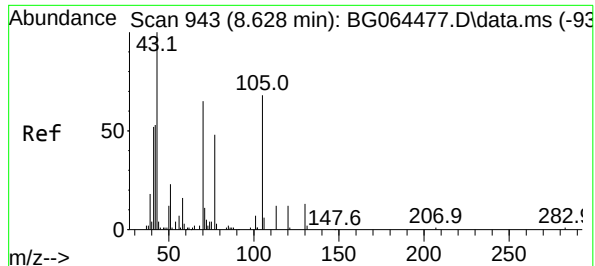


#18  
Hexachloroethane  
Concen: 10.956 ng  
RT: 8.896 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion:117 Resp: 5976  
Ion Ratio Lower Upper  
117 100  
119 90.7 67.4 101.0  
201 100.5 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 9.398 ng

RT: 8.614 min Scan# 94

Delta R.T. 0.000 min

Lab File: BG064481.D

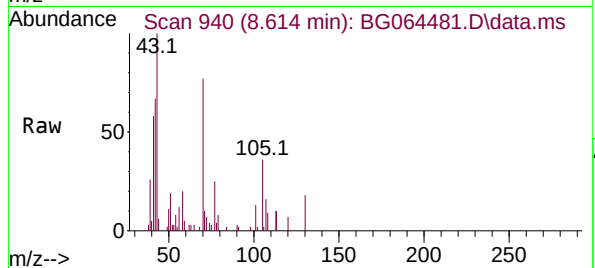
Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 8658

Ion Ratio Lower Upper

70 100

42 87.5 64.9 97.3

101 16.3 8.7 13.1

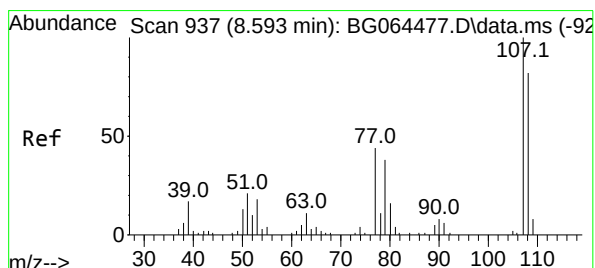
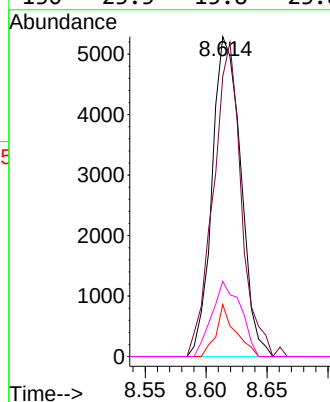
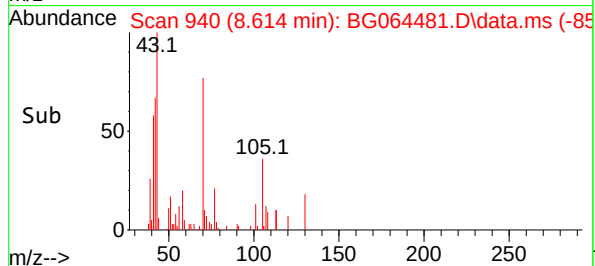
130 23.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

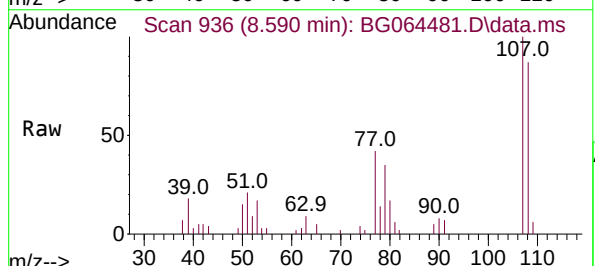
Concen: 9.508 ng

RT: 8.590 min Scan# 936

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49



Tgt Ion:107 Resp: 13961

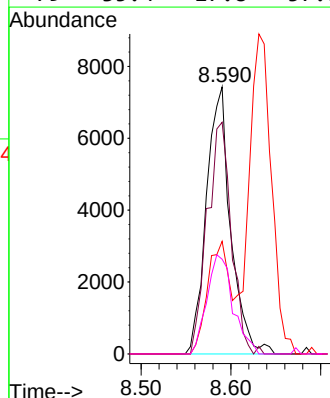
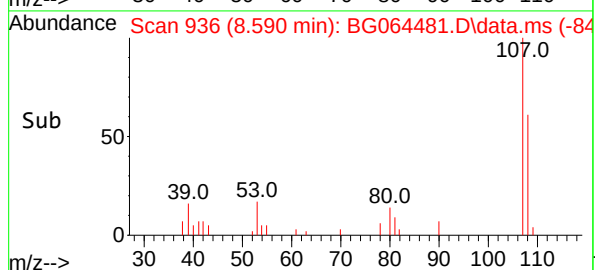
Ion Ratio Lower Upper

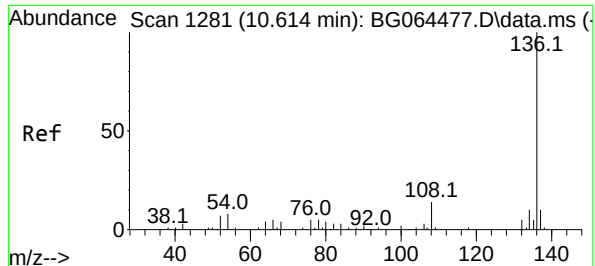
107 100

108 86.8 62.1 102.1

77 42.2 23.5 63.5

79 35.4 17.8 57.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.605 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 83408

Ion Ratio Lower Upper

136 100

137 12.2 8.3 12.5

54 10.3 6.2 9.4

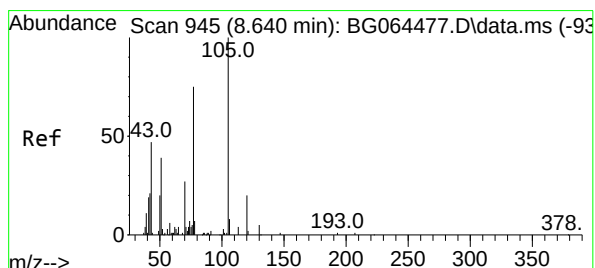
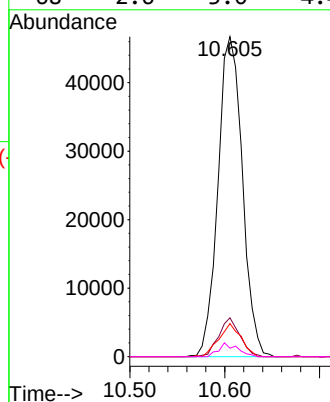
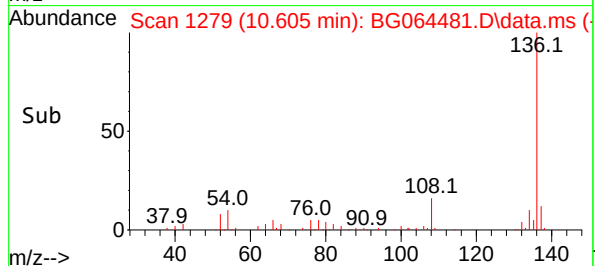
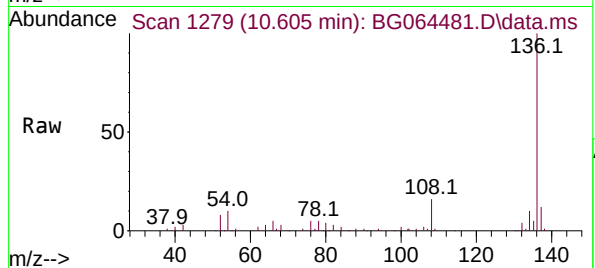
68 2.6 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#22

Acetophenone

Concen: 9.286 ng

RT: 8.631 min Scan# 943

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Tgt Ion:105 Resp: 18753

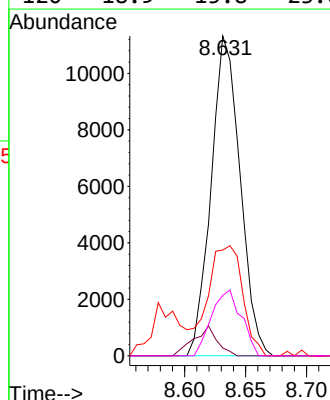
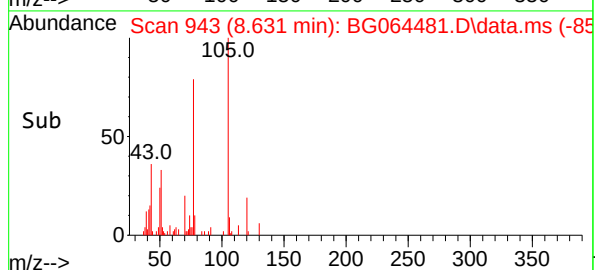
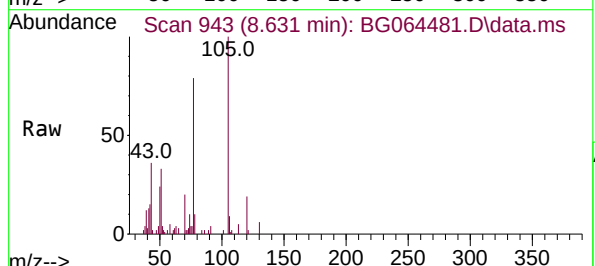
Ion Ratio Lower Upper

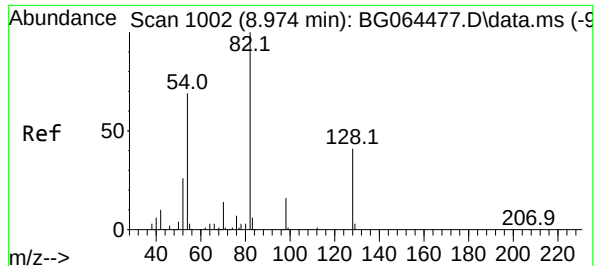
105 100

71 2.5 2.8 4.2

51 33.1 33.0 49.4

120 18.9 15.8 23.6





#23

Nitrobenzene-d5

Concen: 18.926 ng

RT: 8.966 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 29358

Ion Ratio Lower Upper

82 100

128 40.6 33.1 49.7

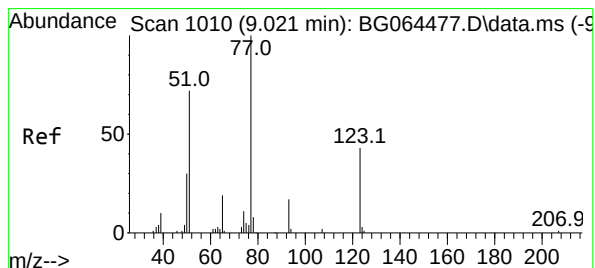
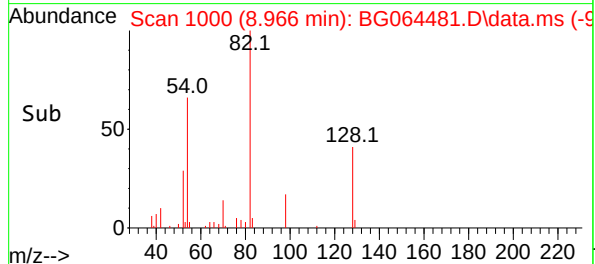
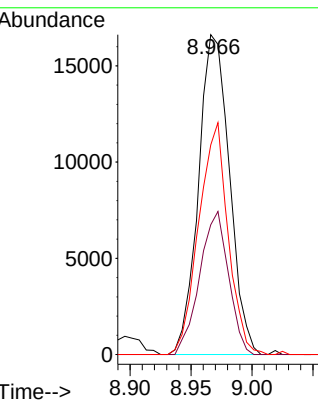
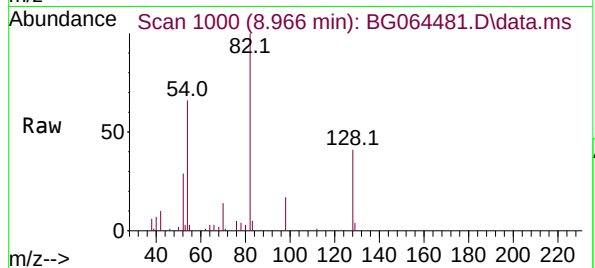
54 65.5 55.4 83.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 9.386 ng

RT: 9.013 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

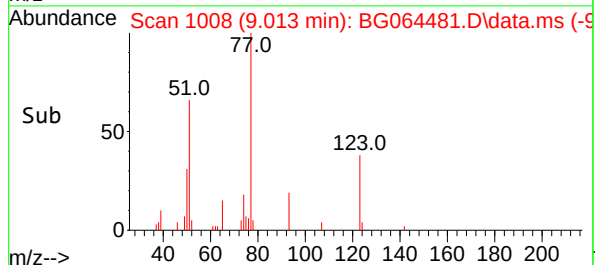
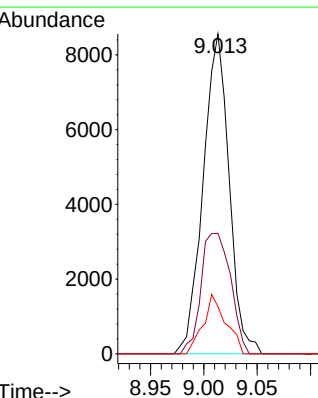
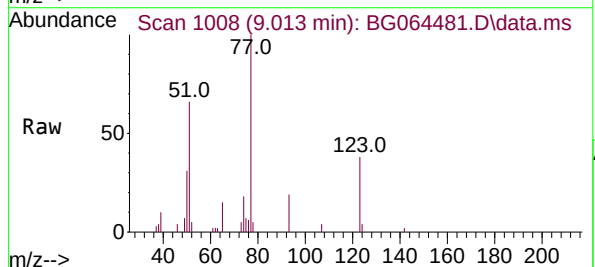
Tgt Ion: 77 Resp: 14519

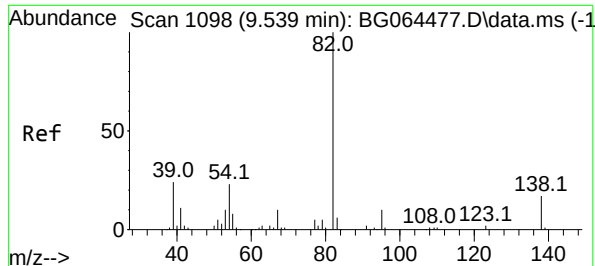
Ion Ratio Lower Upper

77 100

123 37.7 34.4 51.6

65 14.8 14.8 22.2#





#25

Isophorone

Concen: 9.712 ng

RT: 9.530 min Scan# 1098

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

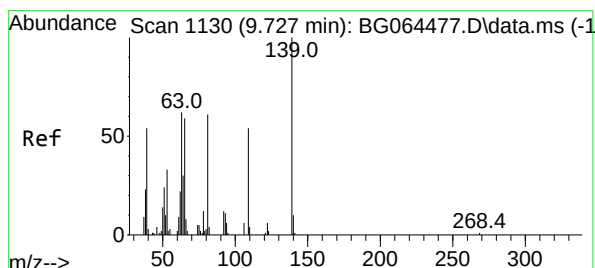
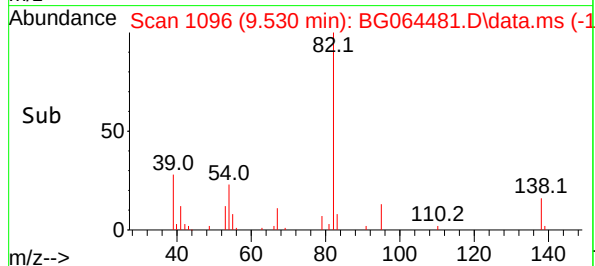
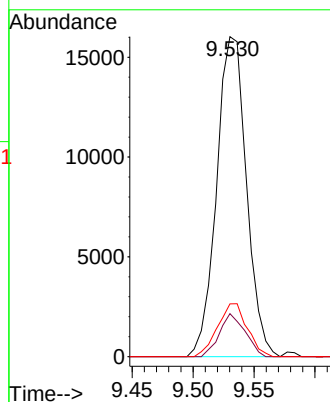
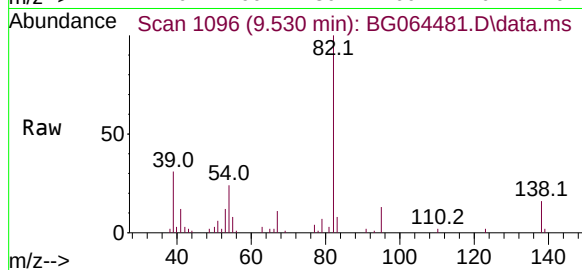
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2729 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 95        | 13.4  | 7.8   | 11.8 |
| 138       | 16.5  | 13.8  | 20.6 |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 9.130 ng

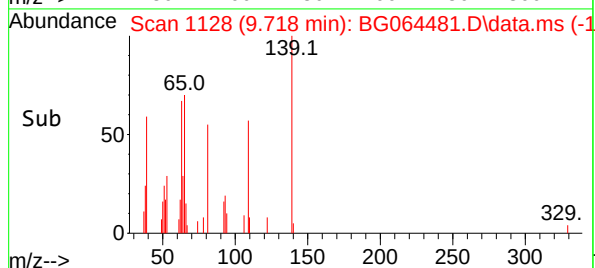
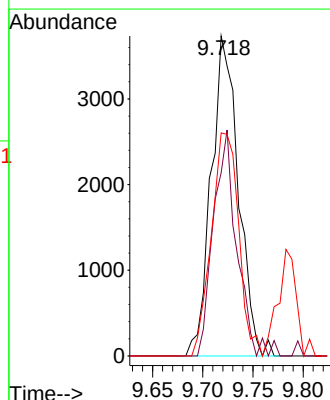
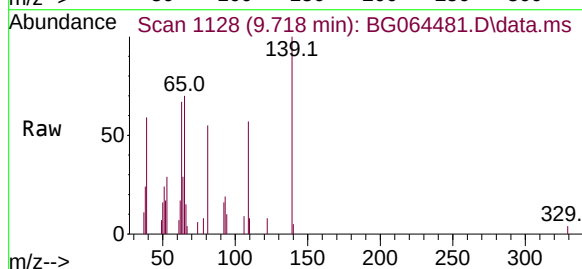
RT: 9.718 min Scan# 1128

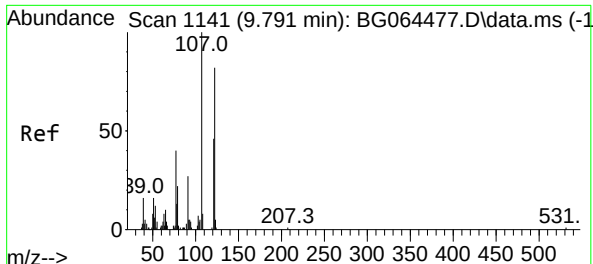
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

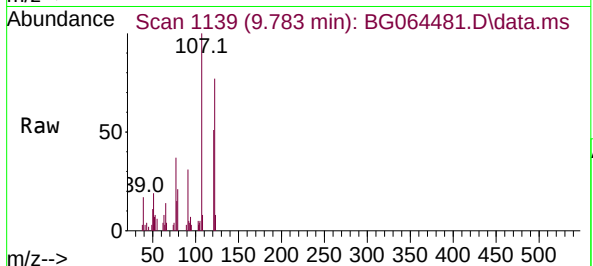
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 139   | Resp: | 7029 |
| Ion Ratio | Lower | Upper |      |
| 139       | 100   |       |      |
| 109       | 57.2  | 43.0  | 64.6 |
| 65        | 69.7  | 47.4  | 71.2 |





#27  
2,4-Dimethylphenol  
Concen: 9.122 ng  
RT: 9.783 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

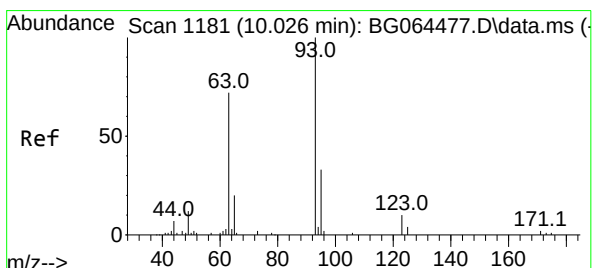
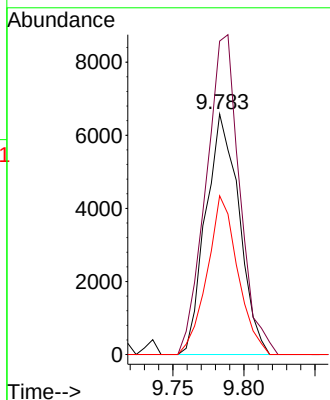
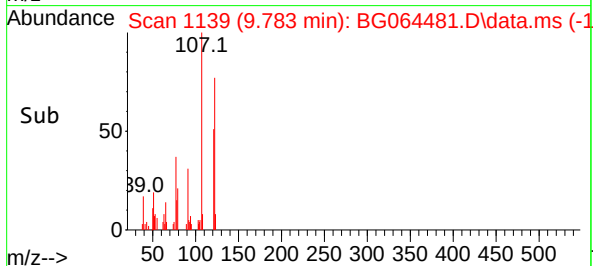
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:122 Resp: 10726  
Ion Ratio Lower Upper  
122 100  
107 130.3 98.3 147.5  
121 66.0 44.7 67.1

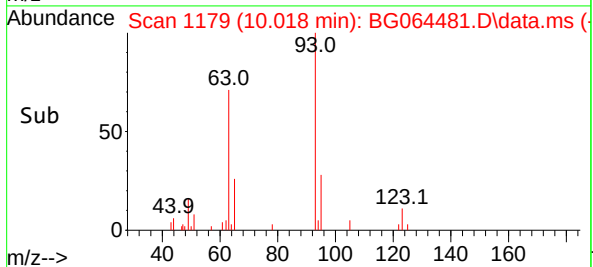
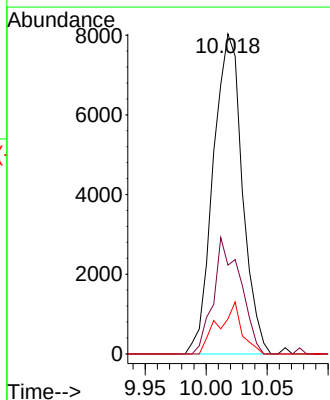
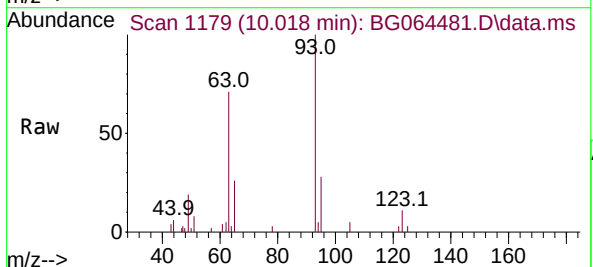
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

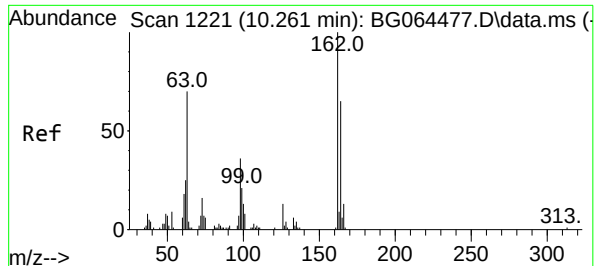


#28  
bis(2-Chloroethoxy)methane  
Concen: 9.323 ng  
RT: 10.018 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Tgt Ion: 93 Resp: 13354  
Ion Ratio Lower Upper  
93 100  
95 27.7 26.5 39.7  
123 10.9 8.9 13.3







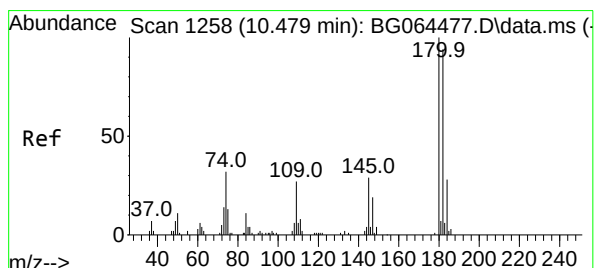
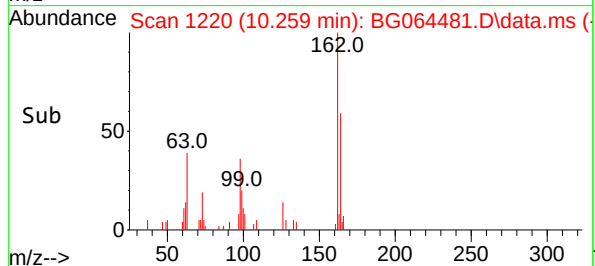
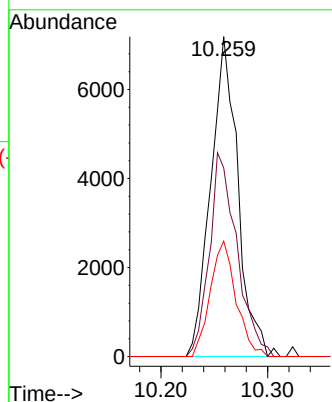
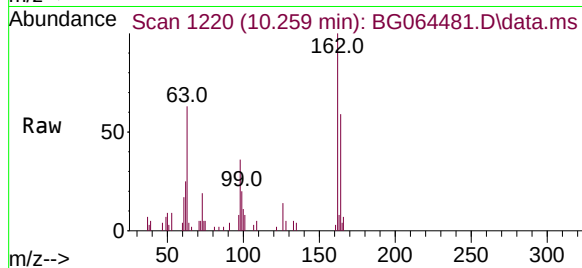
#29  
2,4-Dichlorophenol  
Concen: 9.349 ng  
RT: 10.259 min Scan# 1221  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion:162 Resp: 12712  
Ion Ratio Lower Upper  
162 100  
164 59.0 45.4 85.4  
98 36.1 16.4 56.4

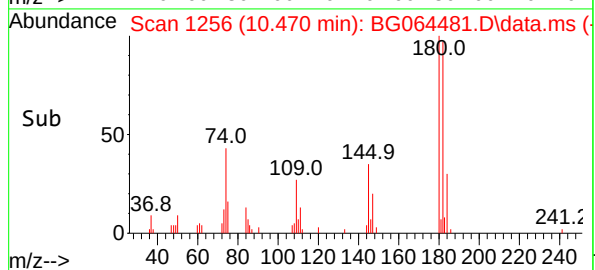
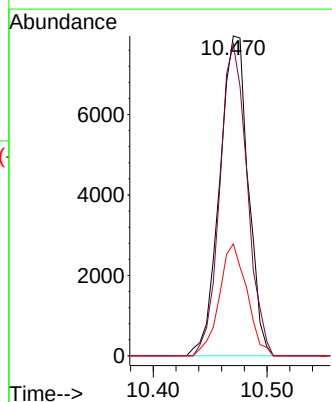
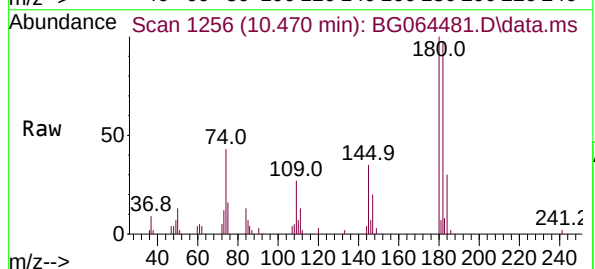
Manual Integrations  
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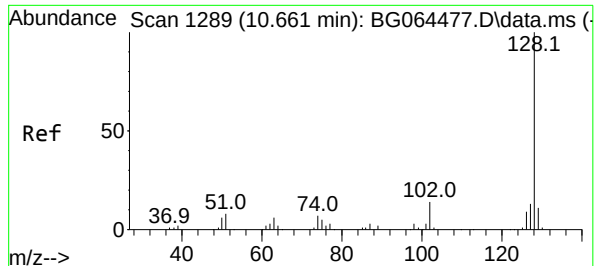
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#30  
1,2,4-Trichlorobenzene  
Concen: 9.366 ng  
RT: 10.470 min Scan# 1256  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

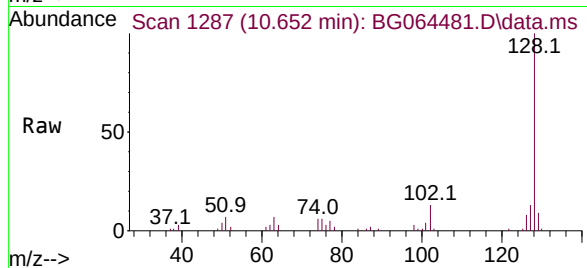
Tgt Ion:180 Resp: 13887  
Ion Ratio Lower Upper  
180 100  
182 105.1 75.4 113.2  
145 35.0 23.2 34.8#





#31  
Naphthalene  
Concen: 9.512 ng  
RT: 10.652 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

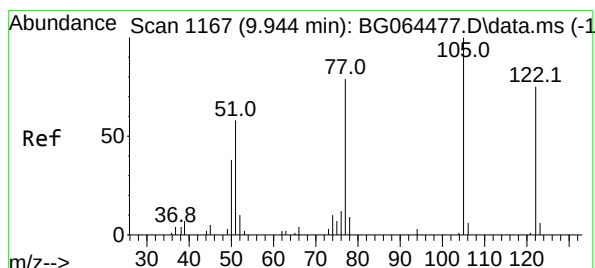
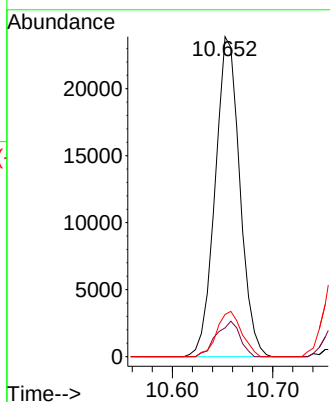
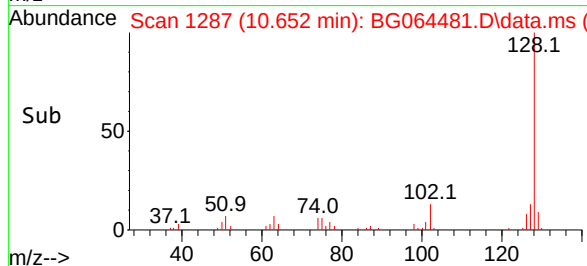
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:128 Resp: 40855  
Ion Ratio Lower Upper  
128 100  
129 9.0 8.7 13.1  
127 13.2 10.2 15.2

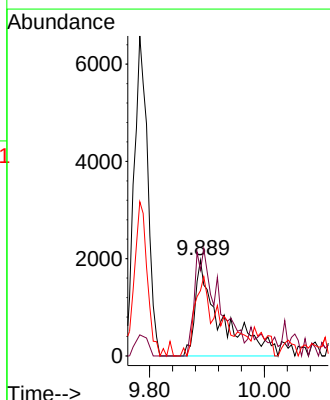
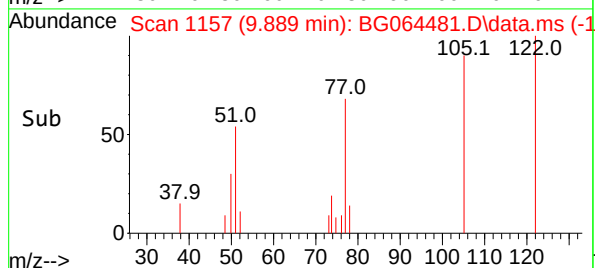
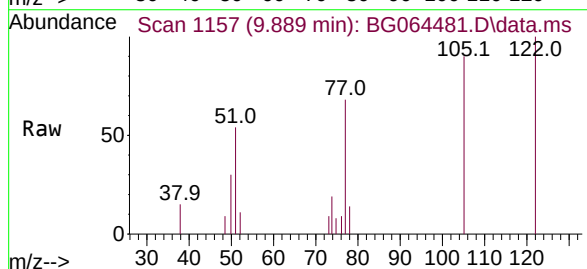
Manual Integrations  
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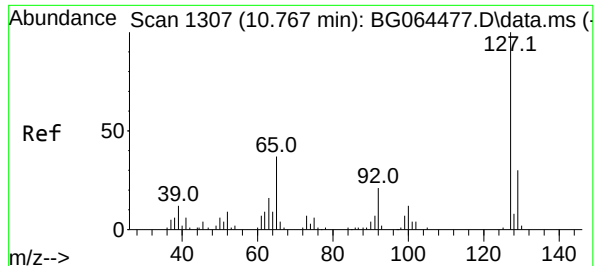
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#32  
Benzoic acid  
Concen: 6.894 ng m  
RT: 9.889 min Scan# 1157  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

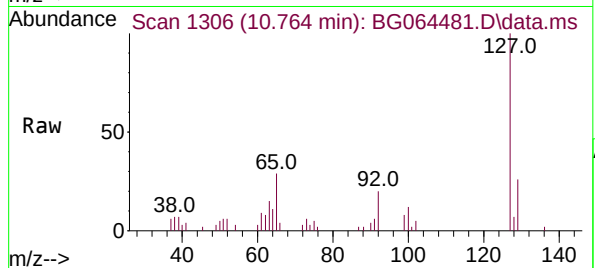
Tgt Ion:122 Resp: 6224  
Ion Ratio Lower Upper  
122 100  
105 89.5 113.9 153.9#  
77 68.1 86.1 126.1#





#33  
4-Chloroaniline  
Concen: 10.065 ng  
RT: 10.764 min Scan# 1306  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

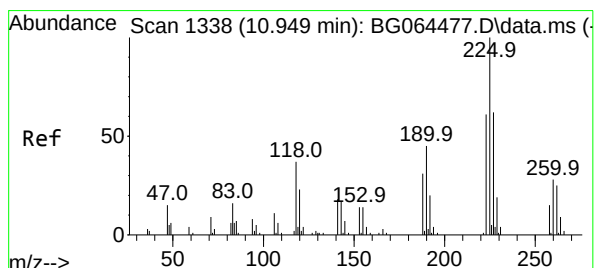
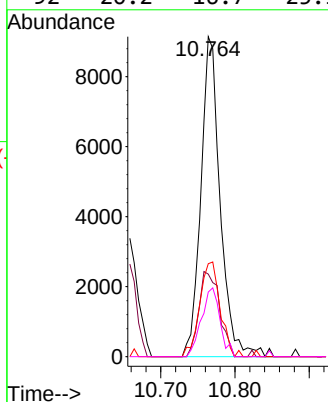
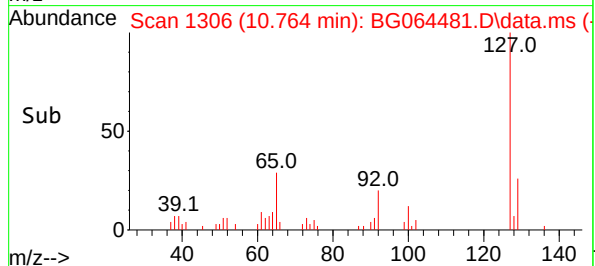
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



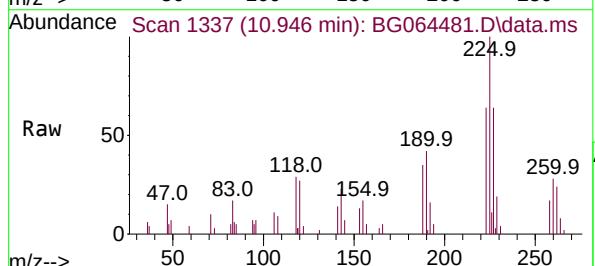
Tgt Ion:127 Resp: 16589  
Ion Ratio Lower Upper  
127 100  
129 25.8 24.2 36.4  
65 29.0 29.6 44.4  
92 20.2 16.7 25.1

Manual Integrations  
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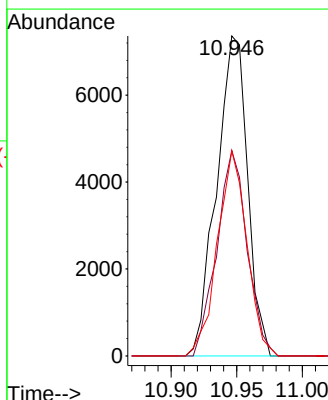
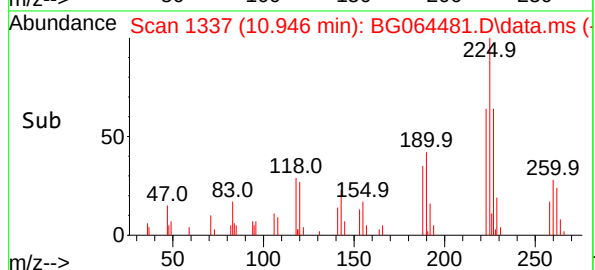
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

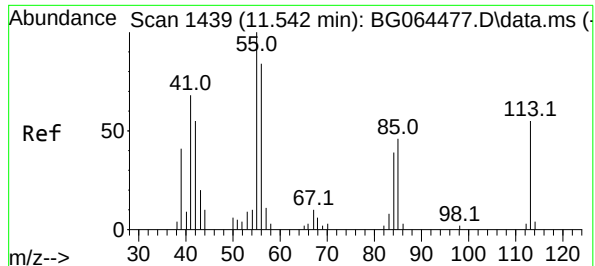


#34  
Hexachlorobutadiene  
Concen: 9.503 ng  
RT: 10.946 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



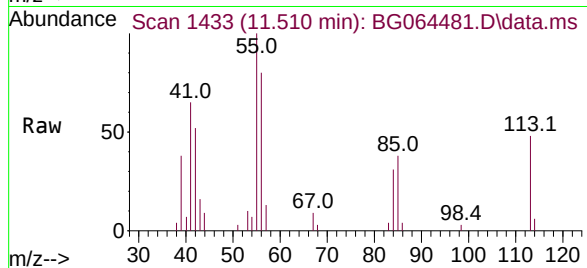
Tgt Ion:225 Resp: 12067  
Ion Ratio Lower Upper  
225 100  
223 64.1 49.0 73.6  
227 64.1 49.9 74.9





#35  
Caprolactam  
Concen: 9.648 ng  
RT: 11.510 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

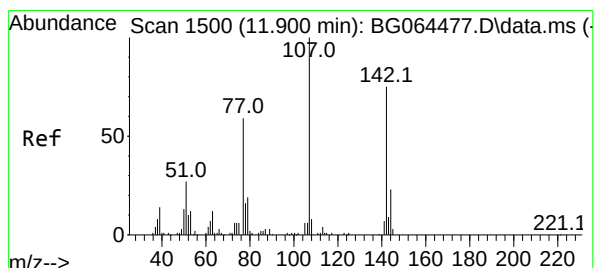
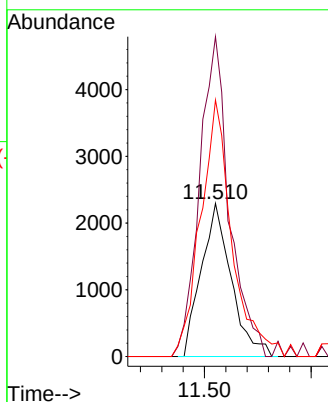
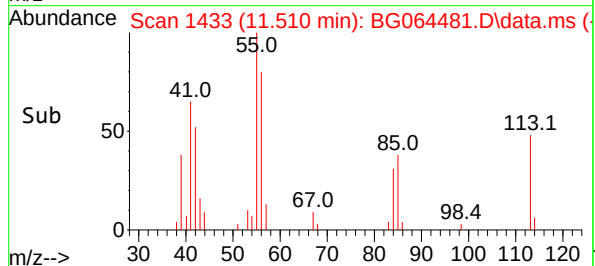
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



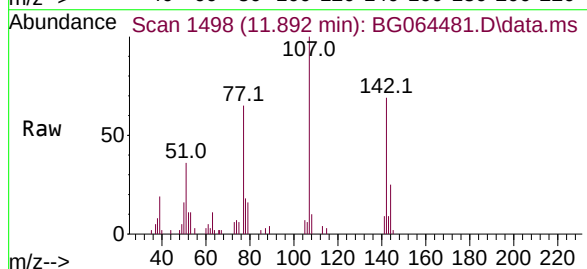
Tgt Ion:113 Resp: 4491  
Ion Ratio Lower Upper  
113 100  
55 209.0 162.0 202.0  
56 167.6 134.6 174.6

Manual Integrations  
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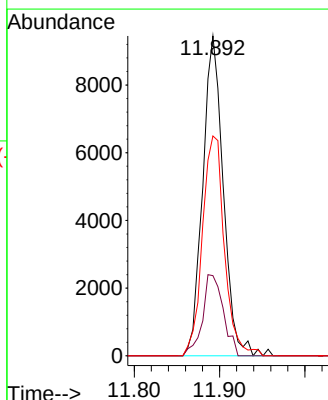
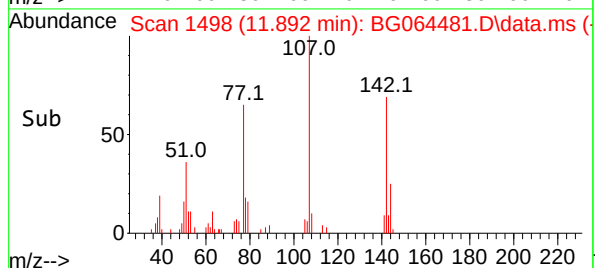
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

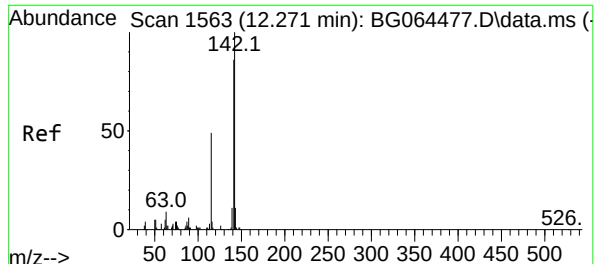


#36  
4-Chloro-3-methylphenol  
Concen: 9.597 ng  
RT: 11.892 min Scan# 1498  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



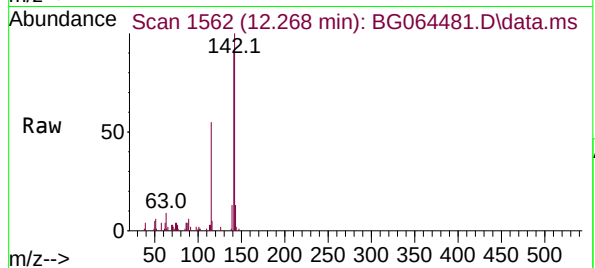
Tgt Ion:107 Resp: 15870  
Ion Ratio Lower Upper  
107 100  
144 25.1 18.7 28.1  
142 68.7 60.2 90.2





#37  
2-Methylnaphthalene  
Concen: 9.749 ng  
RT: 12.268 min Scan# 1159  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

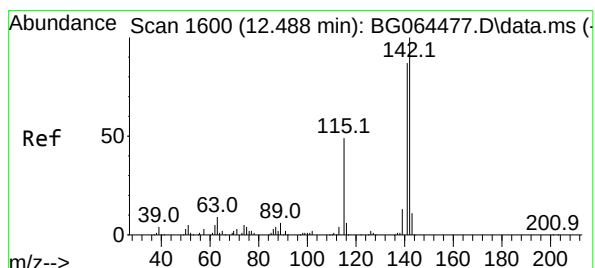
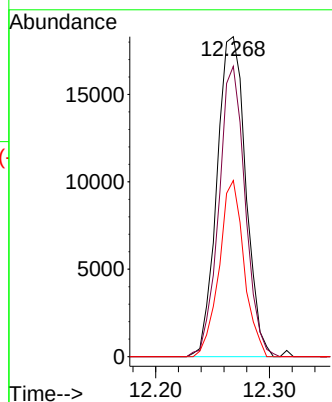
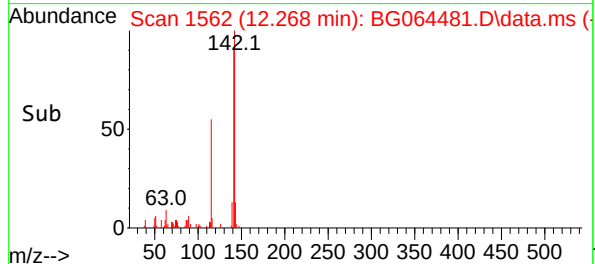
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:142 Resp: 3214  
Ion Ratio Lower Upper  
142 100  
141 90.7 68.7 103.1  
115 55.0 39.3 58.9

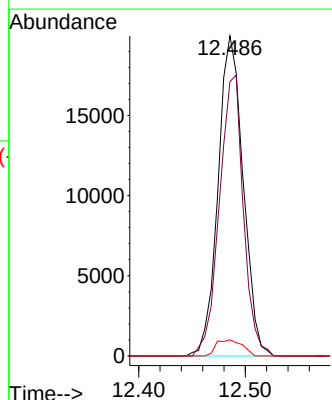
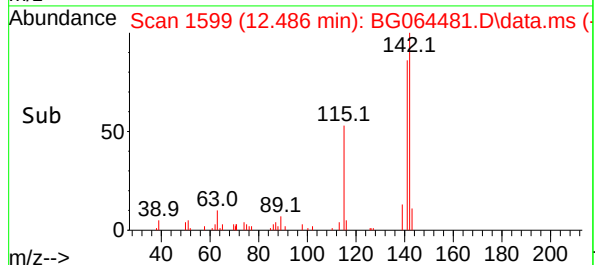
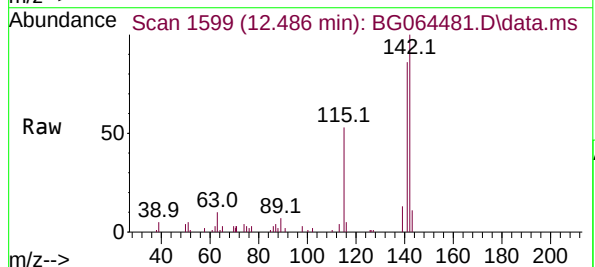
Manual Integrations  
APPROVED

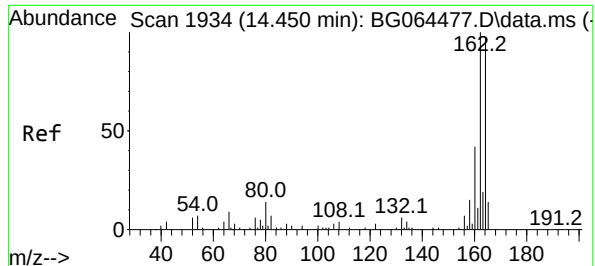
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#38  
1-Methylnaphthalene  
Concen: 9.921 ng  
RT: 12.486 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

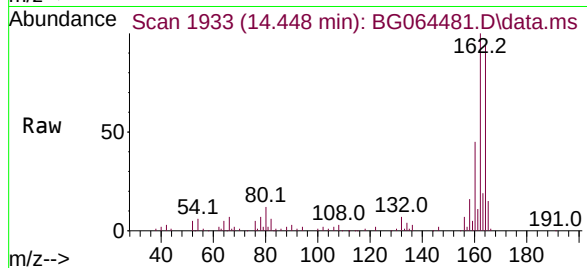
Tgt Ion:142 Resp: 32614  
Ion Ratio Lower Upper  
142 100  
141 85.7 69.8 104.8  
116 5.1 4.6 6.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.448 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

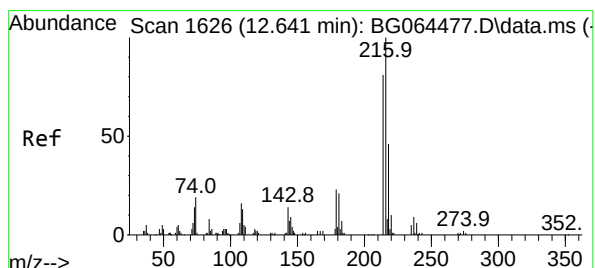
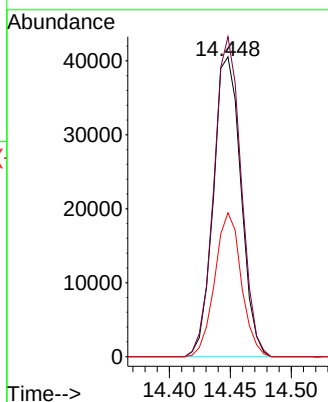
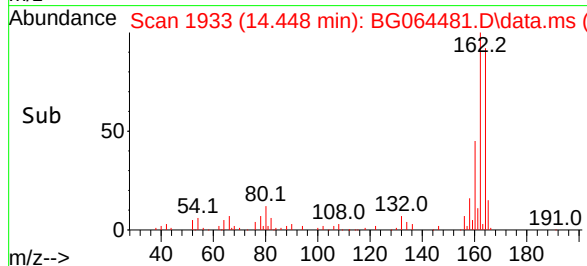
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:164 Resp: 6348  
Ion Ratio Lower Upper  
164 100  
162 106.7 82.2 123.2  
160 48.0 34.3 51.5

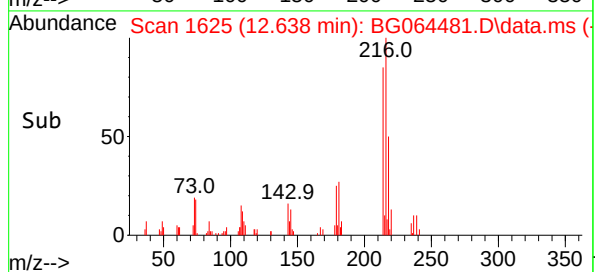
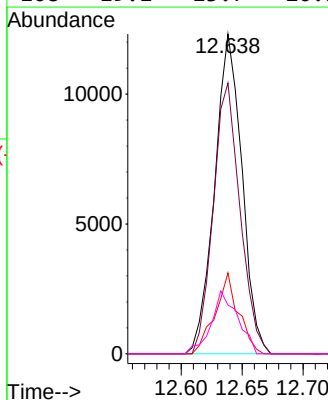
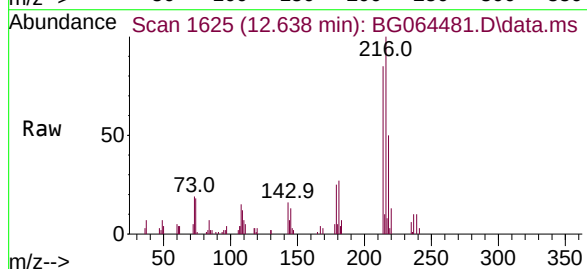
Manual Integrations  
APPROVED

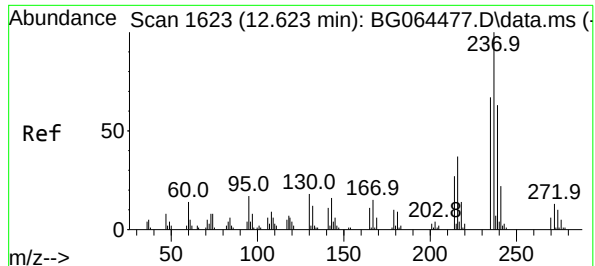
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 9.354 ng  
RT: 12.638 min Scan# 1625  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

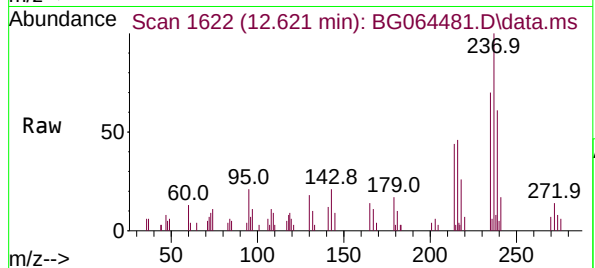
Tgt Ion:216 Resp: 19175  
Ion Ratio Lower Upper  
216 100  
214 82.9 62.5 93.7  
179 21.7 17.0 25.6  
108 19.1 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 8.249 ng  
RT: 12.621 min Scan# 1623  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

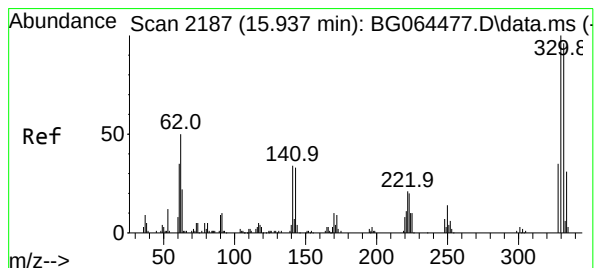
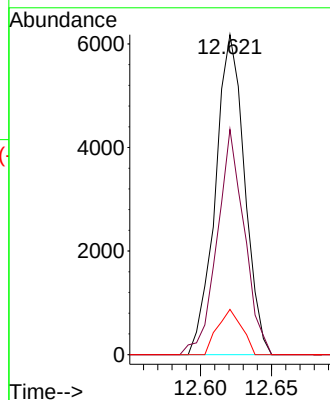
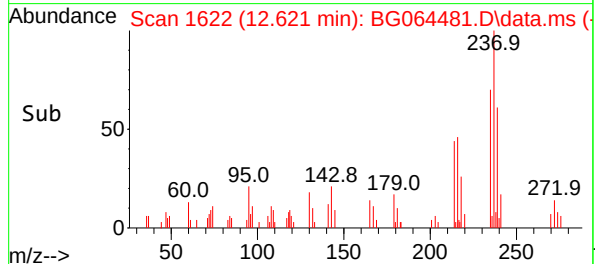
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



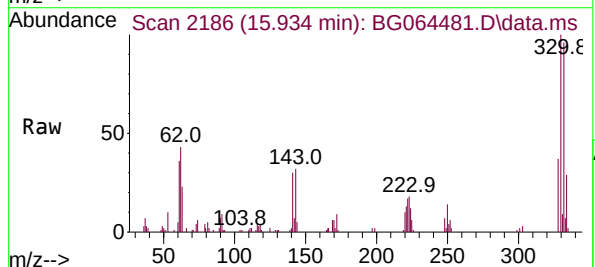
Tgt Ion: 237 Resp: 8845  
Ion Ratio Lower Upper  
237 100  
235 70.4 46.9 86.9  
272 14.1 0.0 32.6

Manual Integrations  
APPROVED

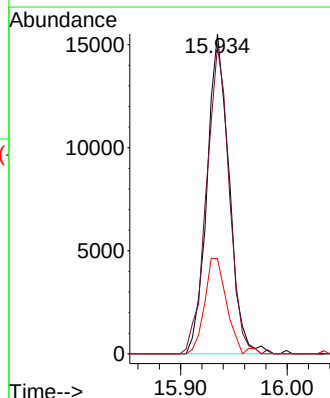
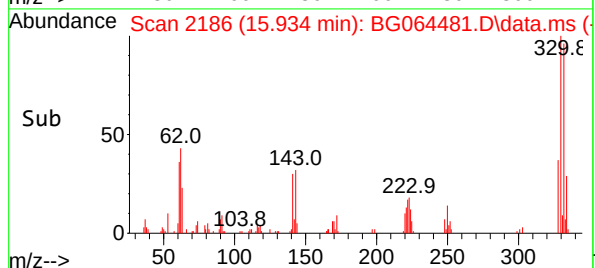
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

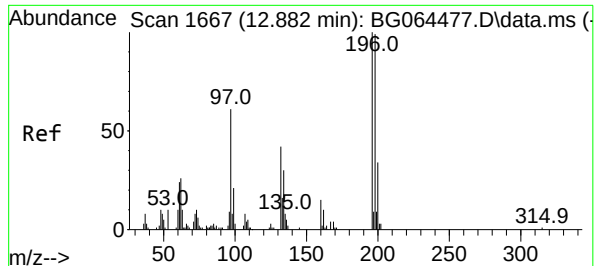


#42  
2,4,6-Tribromophenol  
Concen: 19.423 ng  
RT: 15.934 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion: 330 Resp: 22352  
Ion Ratio Lower Upper  
330 100  
332 98.9 77.4 116.0  
141 30.0 25.8 38.6





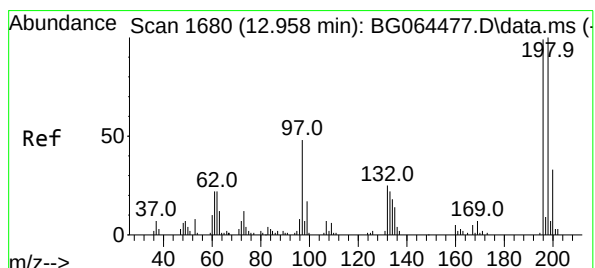
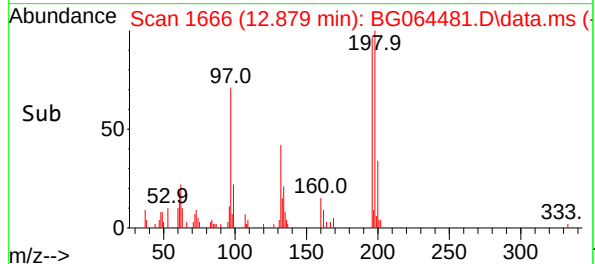
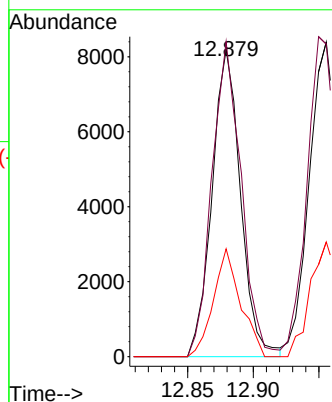
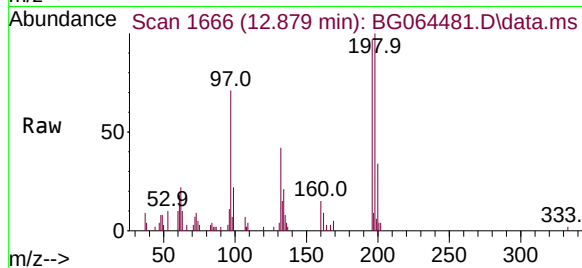
#43  
2,4,6-Trichlorophenol  
Concen: 9.457 ng  
RT: 12.879 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion:196 Resp: 12393  
Ion Ratio Lower Upper  
196 100  
198 102.6 79.3 118.9  
200 39.2 27.4 41.2

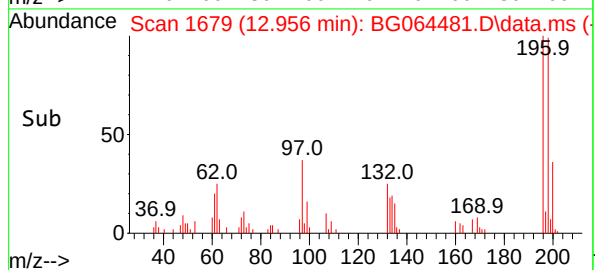
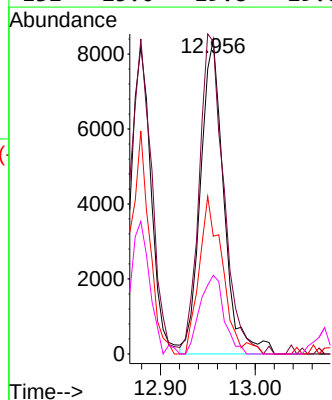
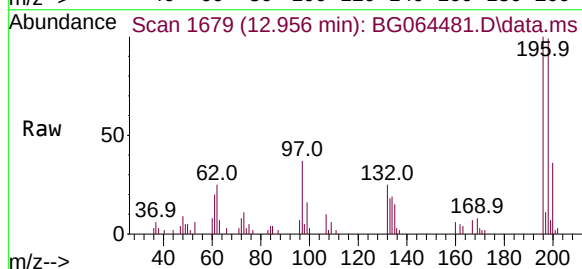
Manual Integrations  
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

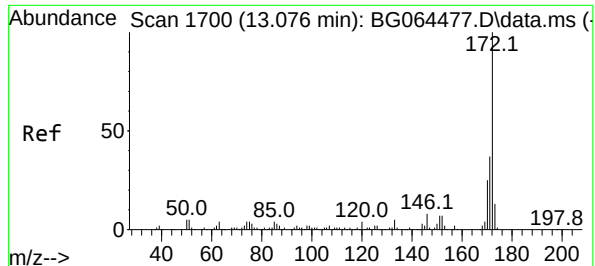


#44  
2,4,5-Trichlorophenol  
Concen: 9.806 ng  
RT: 12.956 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Tgt Ion:196 Resp: 14346  
Ion Ratio Lower Upper  
196 100  
198 99.3 80.3 120.5  
97 37.4 39.4 59.0#  
132 25.0 19.8 29.8

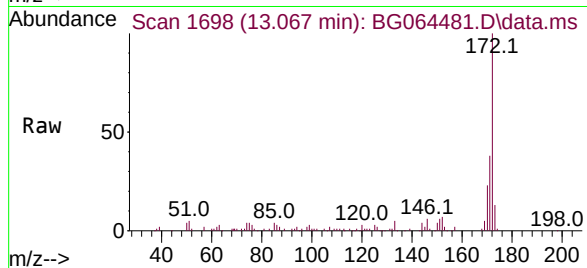






#45  
2-Fluorobiphenyl  
Concen: 19.718 ng  
RT: 13.067 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

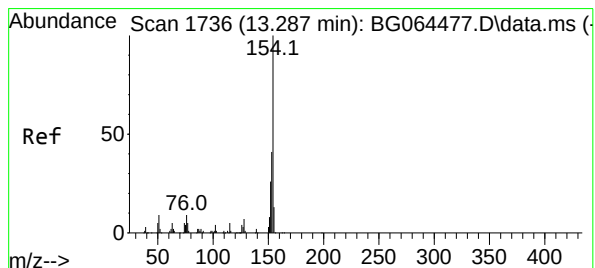
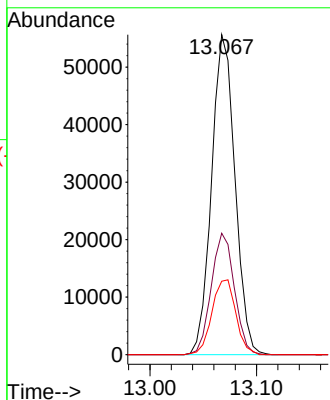
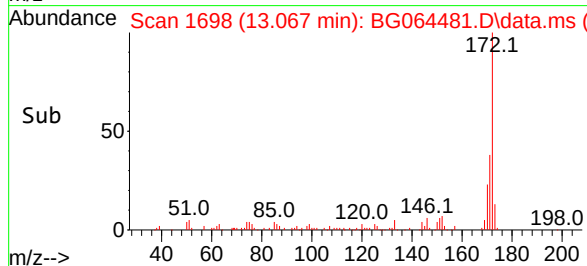
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:172 Resp: 84929  
Ion Ratio Lower Upper  
172 100  
171 37.9 29.6 44.4  
170 22.9 20.2 30.2

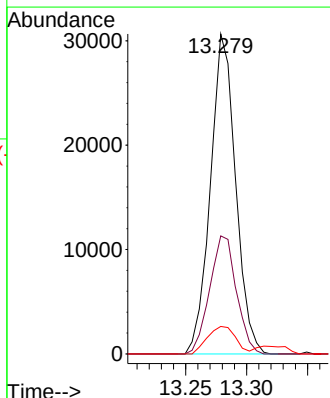
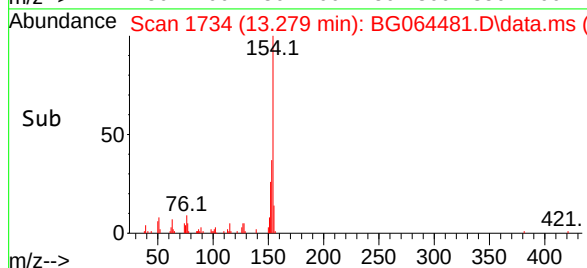
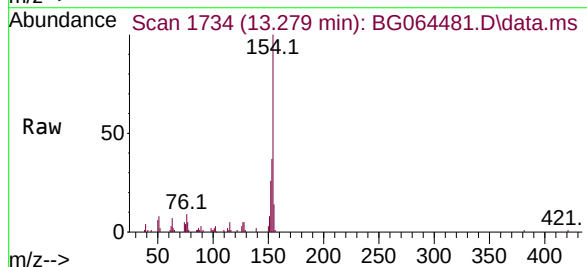
Manual Integrations  
APPROVED

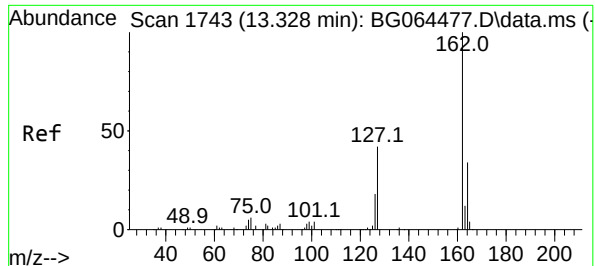
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#46  
1,1'-Biphenyl  
Concen: 9.648 ng  
RT: 13.279 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Tgt Ion:154 Resp: 44053  
Ion Ratio Lower Upper  
154 100  
153 36.9 20.7 60.7  
76 8.6 0.0 29.3





#47

2-Chloronaphthalene

Concen: 10.281 ng

RT: 13.320 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 35050

Ion Ratio Lower Upper

162 100

127 46.2 35.8 53.8

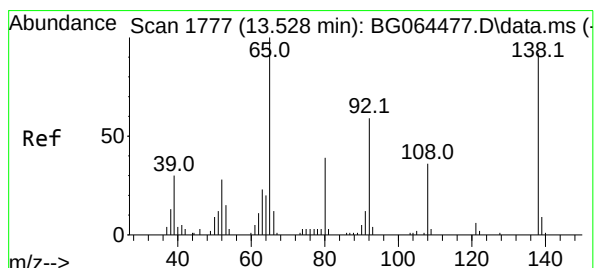
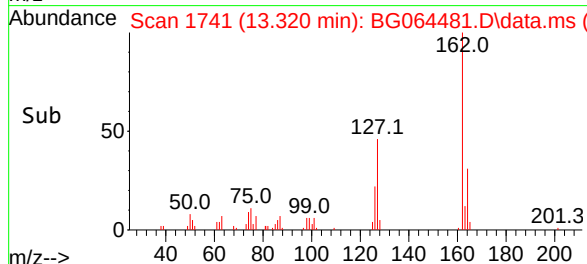
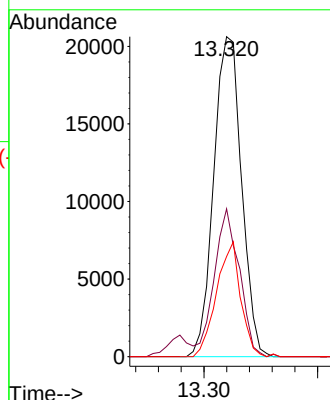
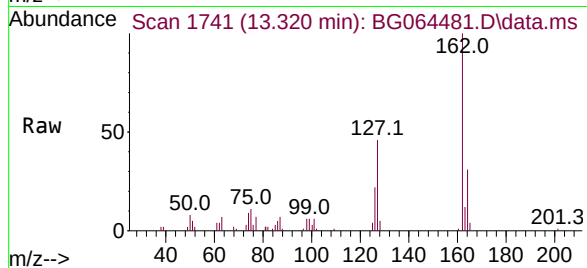
164 31.3 27.2 40.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 9.868 ng

RT: 13.526 min Scan# 1776

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

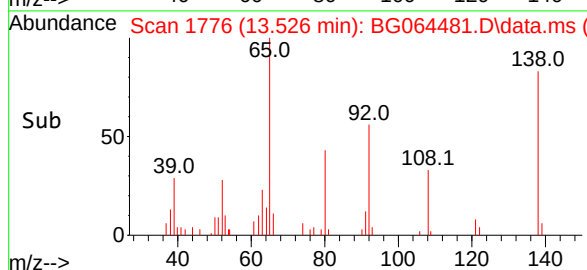
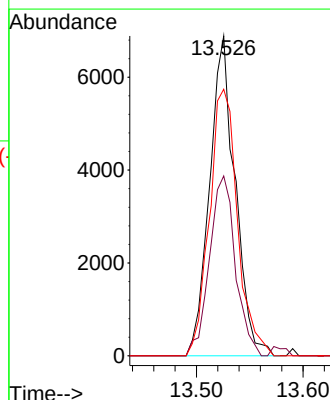
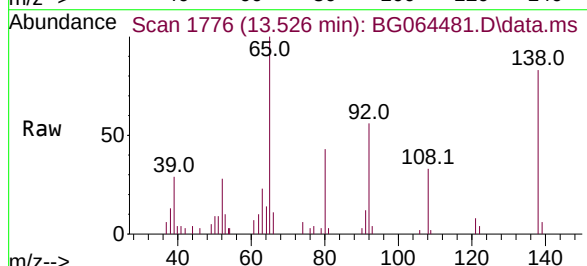
Tgt Ion: 65 Resp: 11482

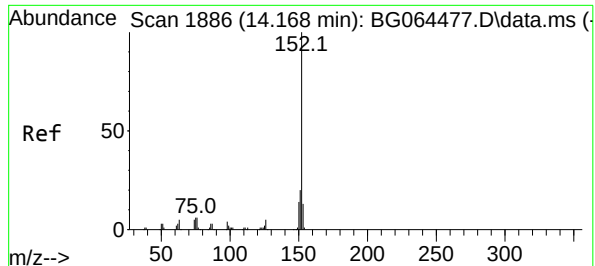
Ion Ratio Lower Upper

65 100

92 56.2 47.0 70.6

138 83.3 73.5 110.3





#49

Acenaphthylene

Concen: 9.624 ng

RT: 14.172 min Scan# 1886

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

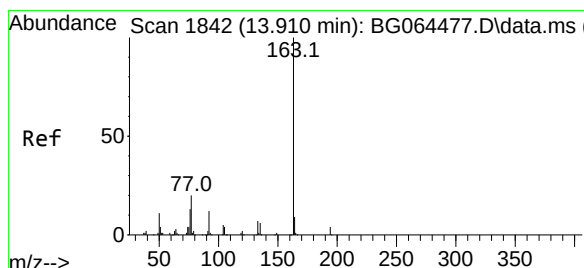
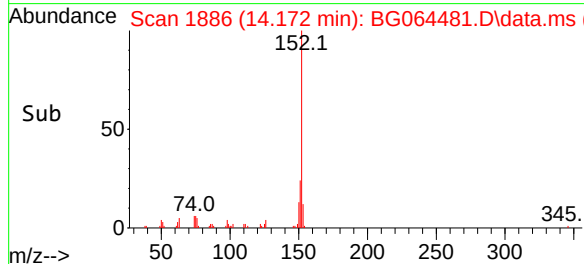
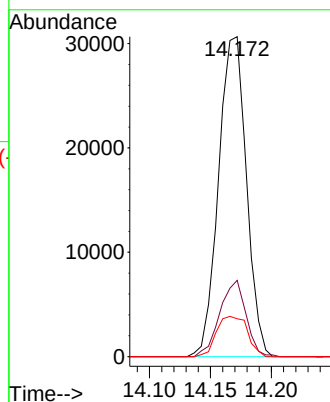
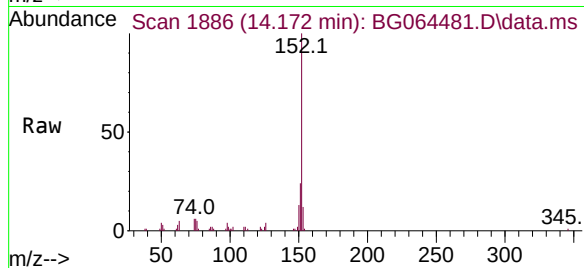
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 48705 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 23.8  | 15.8  | 23.6  |
| 153       | 11.8  | 10.6  | 15.8  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 10.110 ng

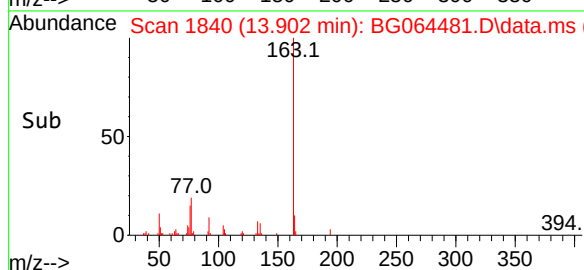
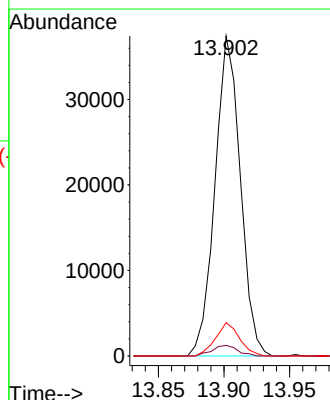
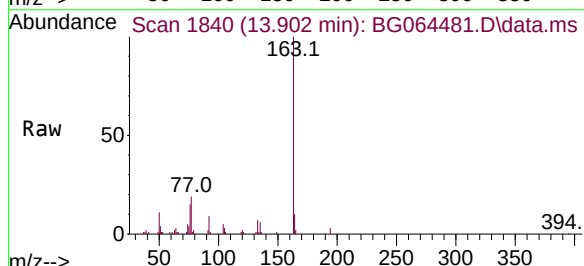
RT: 13.902 min Scan# 1840

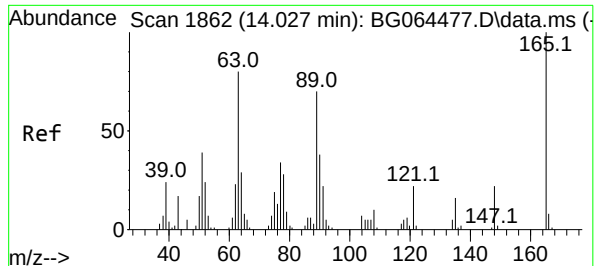
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

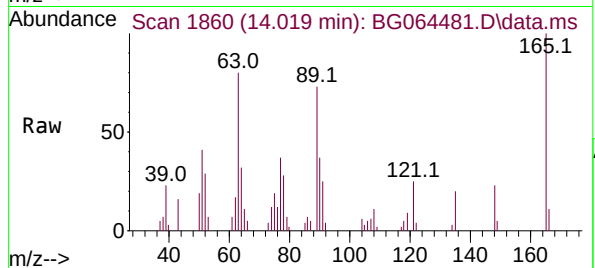
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 50268 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.3   | 2.9   | 4.3   |
| 164       | 10.4  | 7.4   | 11.0  |





#51  
2,6-Dinitrotoluene  
Concen: 9.980 ng  
RT: 14.019 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

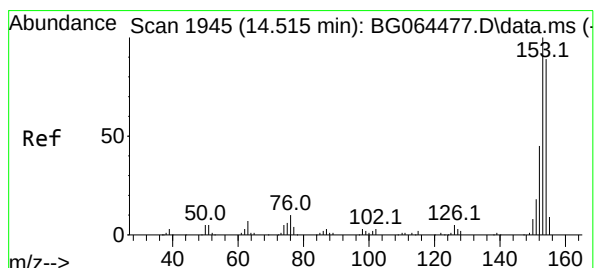
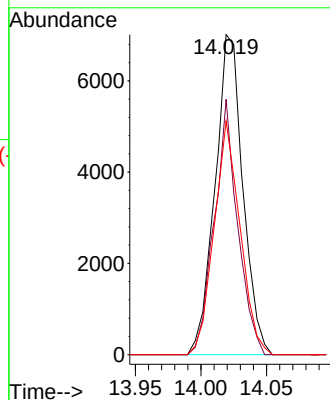
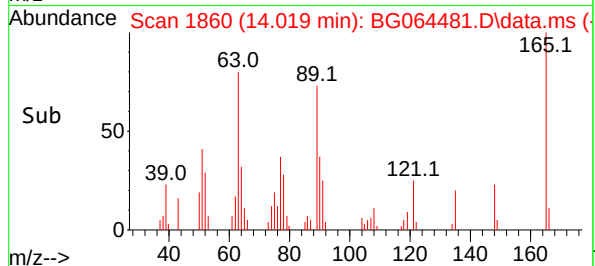
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



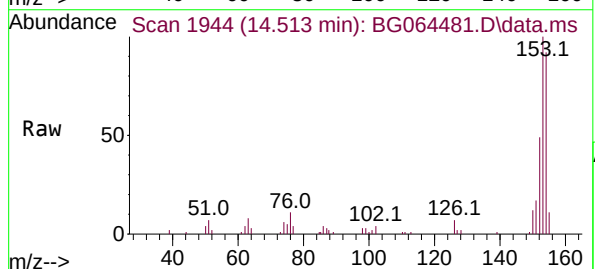
Tgt Ion:165 Resp: 10332  
Ion Ratio Lower Upper  
165 100  
63 79.8 63.9 95.9  
89 73.0 56.1 84.1

Manual Integrations  
APPROVED

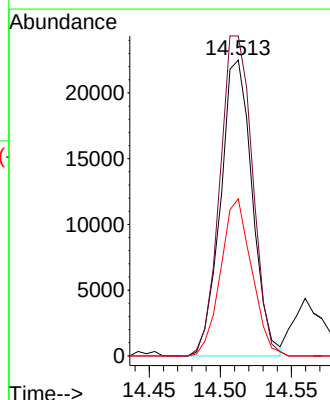
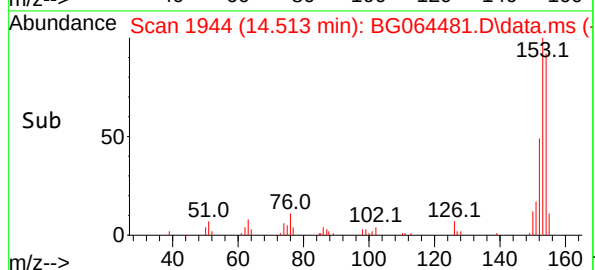
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

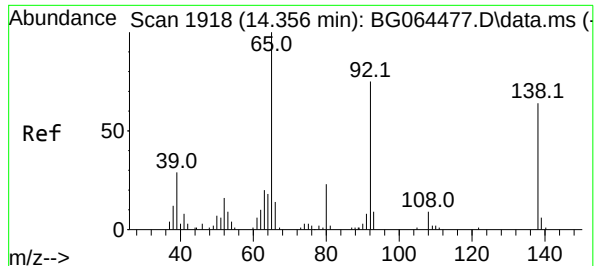


#52  
Acenaphthene  
Concen: 9.922 ng  
RT: 14.513 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



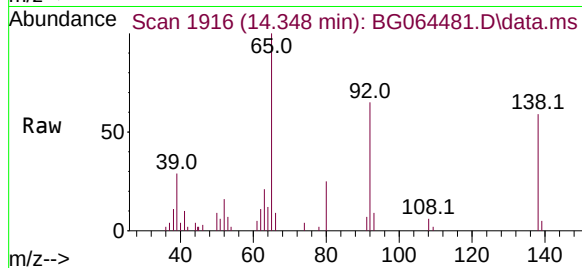
Tgt Ion:154 Resp: 34887  
Ion Ratio Lower Upper  
154 100  
153 108.2 90.2 135.4  
152 53.2 40.2 60.4





#53  
3-Nitroaniline  
Concen: 9.780 ng  
RT: 14.348 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

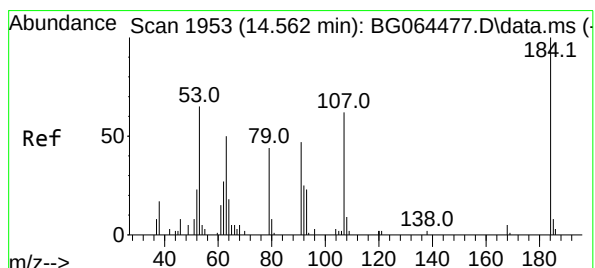
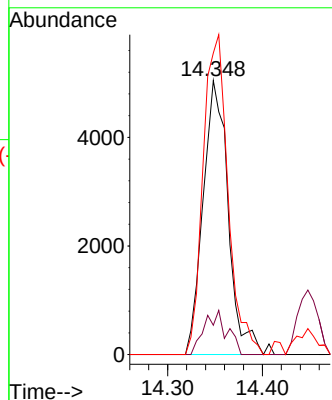
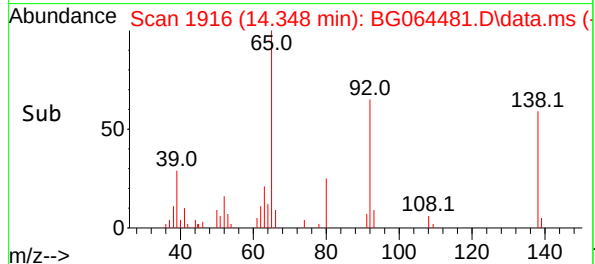
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:138 Resp: 9342  
Ion Ratio Lower Upper  
138 100  
108 10.7 10.6 15.8  
92 110.1 93.2 139.8

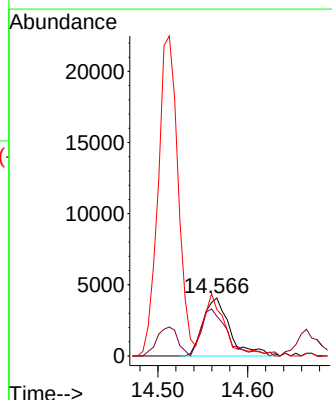
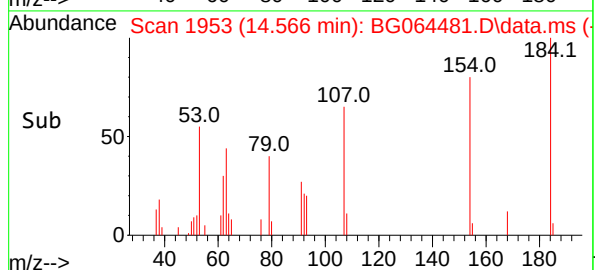
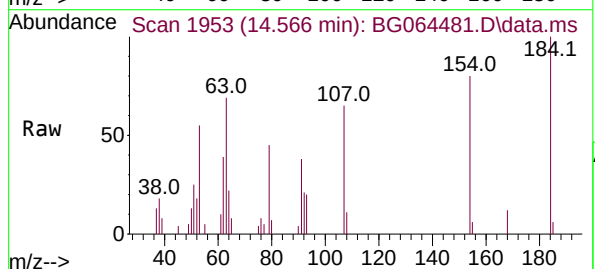
Manual Integrations  
APPROVED

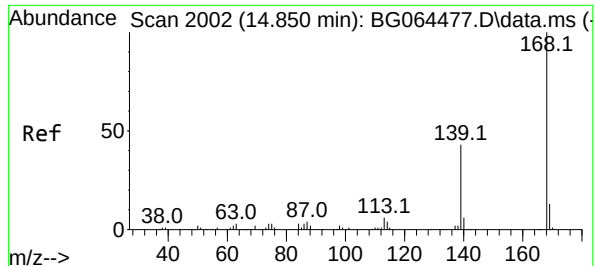
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#54  
2,4-Dinitrophenol  
Concen: 11.216 ng  
RT: 14.566 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

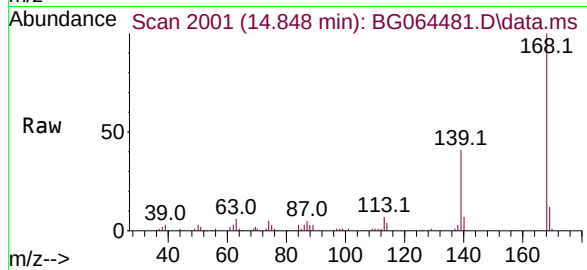
Tgt Ion:184 Resp: 8424  
Ion Ratio Lower Upper  
184 100  
63 68.6 69.0 103.4#  
154 80.0 95.6 143.4#





#55  
Dibenzofuran  
Concen: 9.897 ng  
RT: 14.848 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

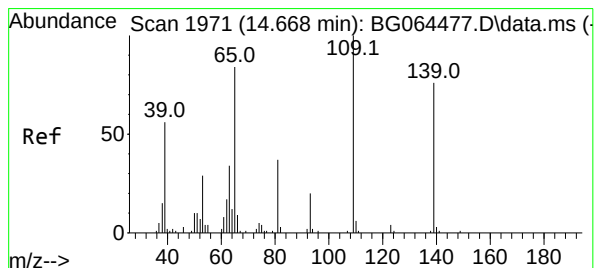
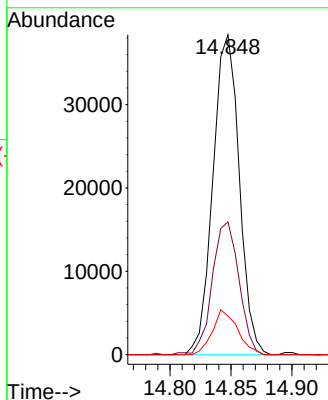
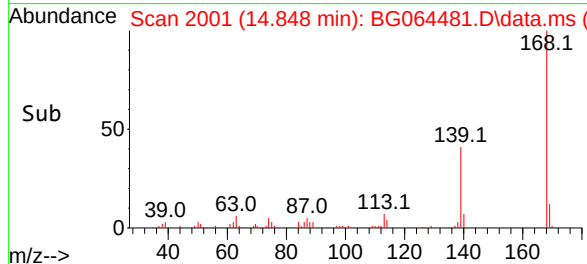
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



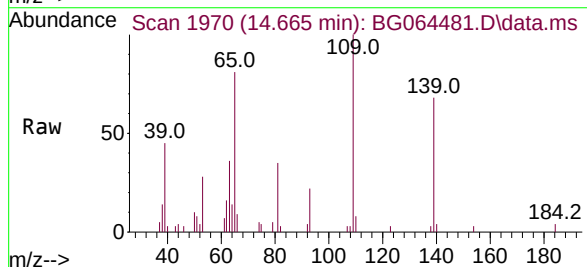
Tgt Ion:168 Resp: 57456  
Ion Ratio Lower Upper  
168 100  
139 41.5 34.0 51.0  
169 12.1 10.2 15.2

Manual Integrations  
APPROVED

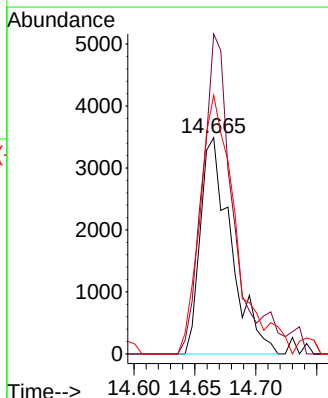
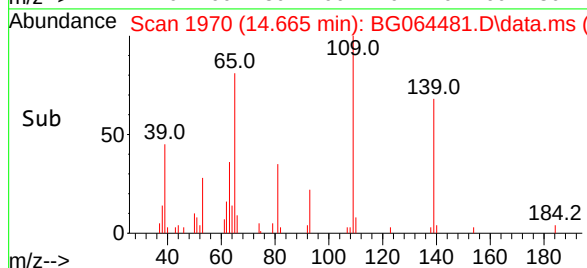
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

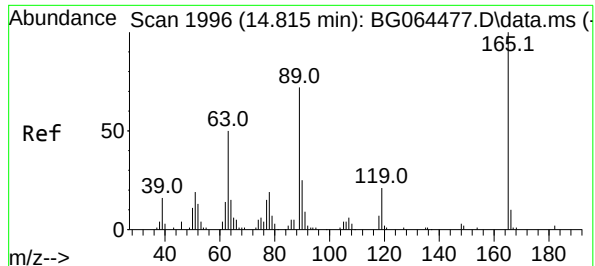


#56  
4-Nitrophenol  
Concen: 8.116 ng  
RT: 14.665 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion:139 Resp: 6104  
Ion Ratio Lower Upper  
139 100  
109 148.0 111.8 151.8  
65 119.6 91.1 131.1





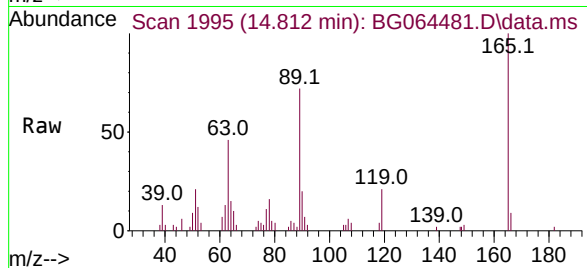
#57  
2,4-Dinitrotoluene  
Concen: 10.006 ng  
RT: 14.812 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

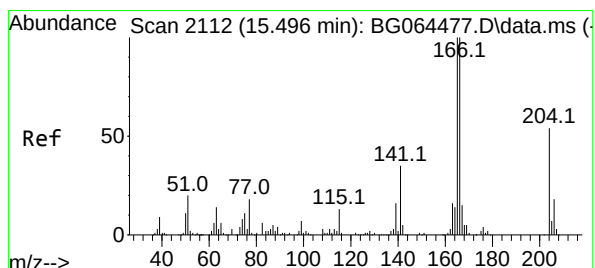
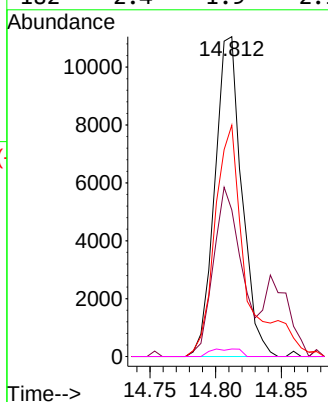
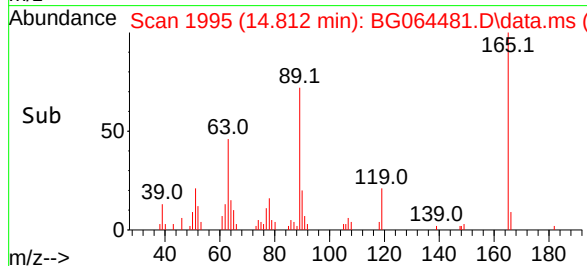


Tgt Ion:165 Resp: 15843  
Ion Ratio Lower Upper  
165 100  
63 45.8 40.4 60.6  
89 72.3 57.3 85.9  
182 2.4 1.9 2.9

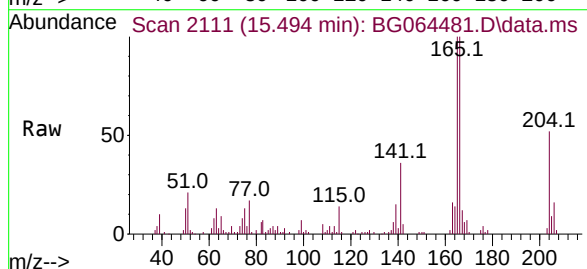
Manual Integrations

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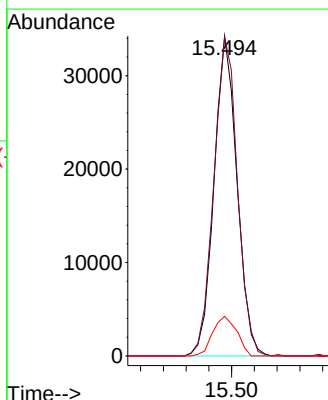
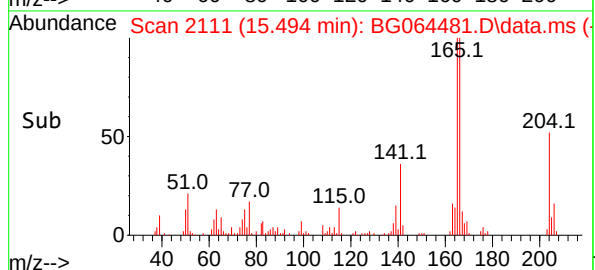
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

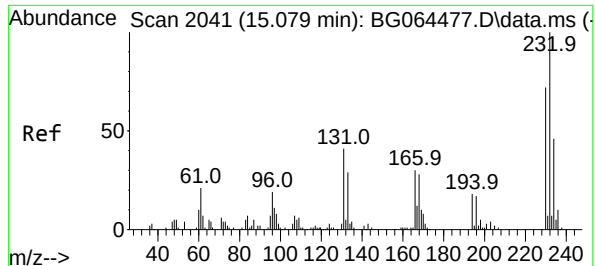


#58  
Fluorene  
Concen: 9.937 ng  
RT: 15.494 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



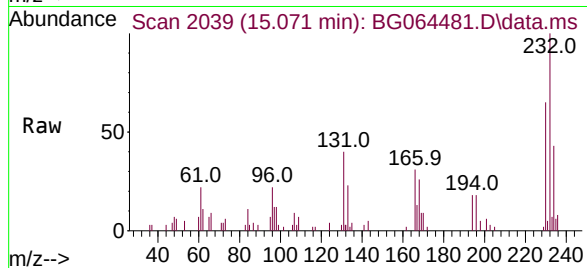
Tgt Ion:166 Resp: 47958  
Ion Ratio Lower Upper  
166 100  
165 99.7 79.8 119.6  
167 12.4 11.7 17.5





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.514 ng  
RT: 15.071 min Scan# 2041  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

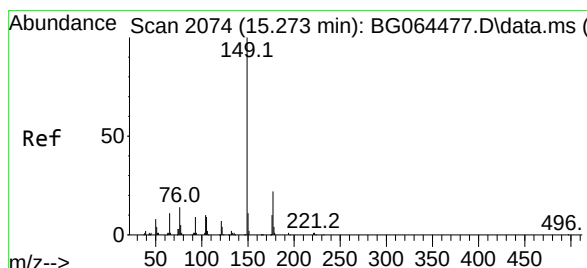
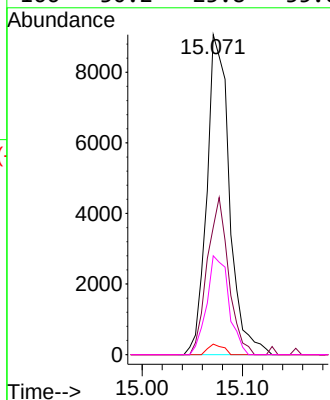
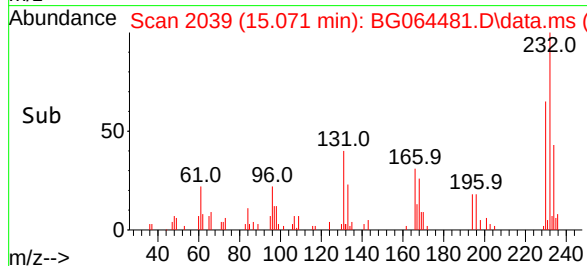
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



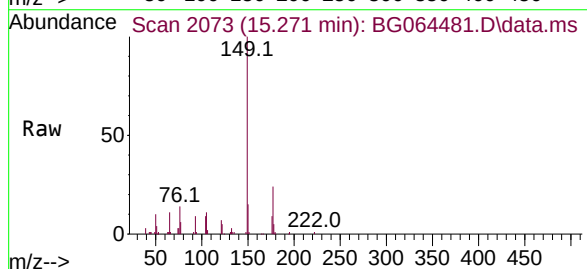
Tgt Ion:232 Resp: 14205  
Ion Ratio Lower Upper  
232 100  
131 46.2 35.0 52.4  
130 2.2 2.0 3.0  
166 30.2 23.8 35.6

Manual Integrations  
APPROVED

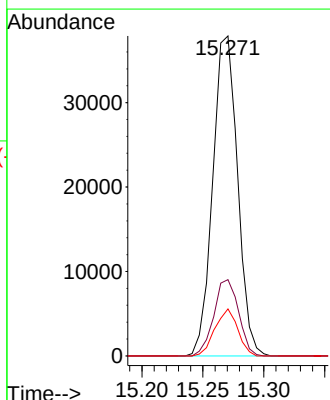
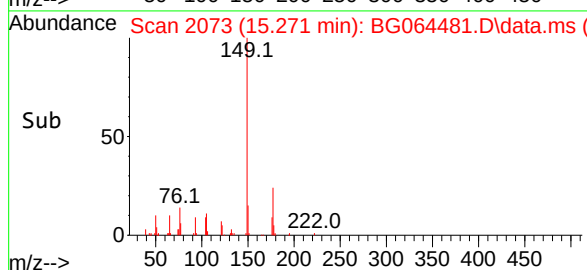
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



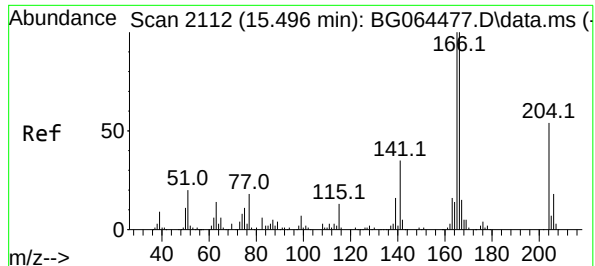
#60  
Diethylphthalate  
Concen: 10.066 ng  
RT: 15.271 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion:149 Resp: 53695  
Ion Ratio Lower Upper  
149 100  
177 23.8 17.4 26.0  
150 14.7 9.1 13.7#







#61  
4-Chlorophenyl-phenylether  
Concen: 9.742 ng  
RT: 15.488 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

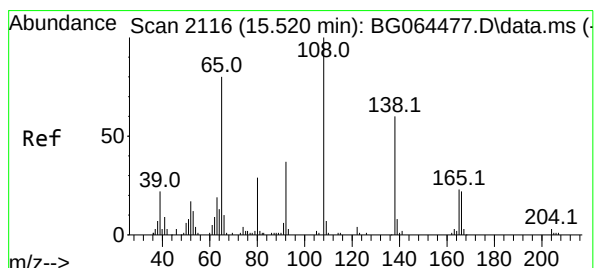
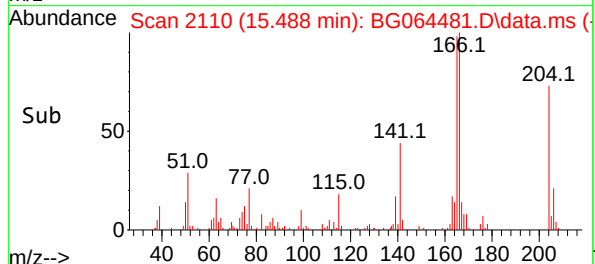
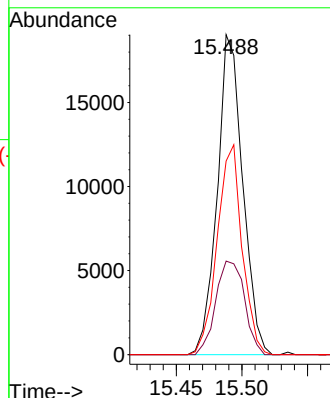
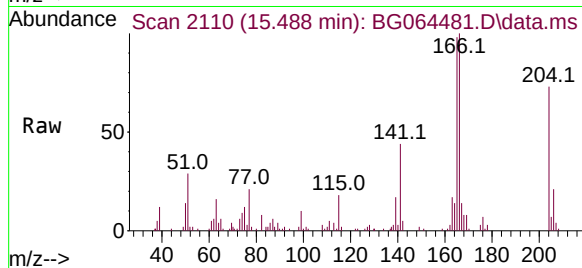
SSTDICC010

Tgt Ion:204 Resp: 25669  
Ion Ratio Lower Upper  
204 100  
206 29.2 27.1 40.7  
141 60.5 51.5 77.3

Manual Integrations

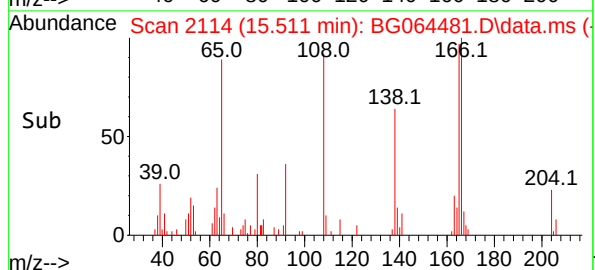
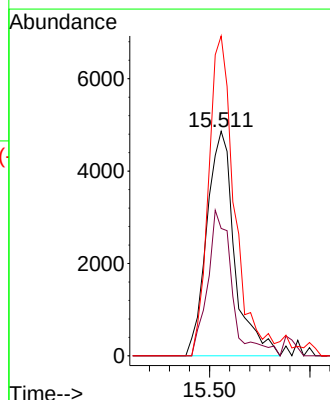
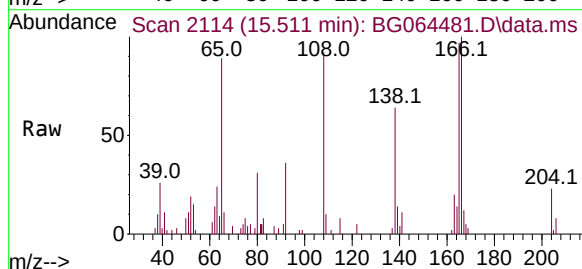
APPROVED

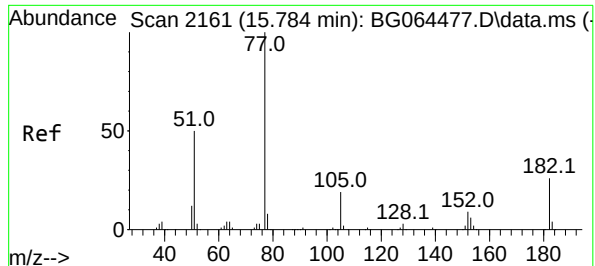
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#62  
4-Nitroaniline  
Concen: 9.431 ng  
RT: 15.511 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Tgt Ion:138 Resp: 9390  
Ion Ratio Lower Upper  
138 100  
92 56.8 42.3 82.3  
108 142.5 147.7 187.7#





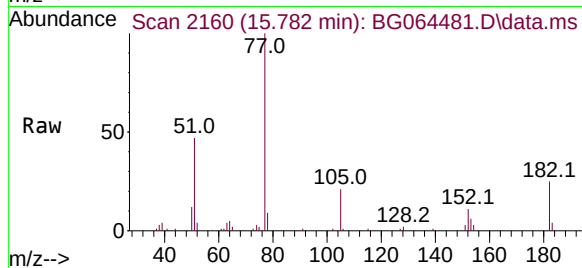
#63  
Azobenzene  
Concen: 9.982 ng  
RT: 15.782 min Scan# 2161  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

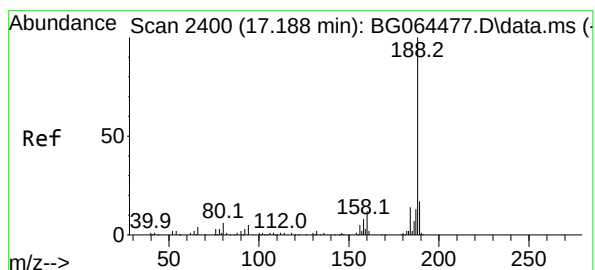
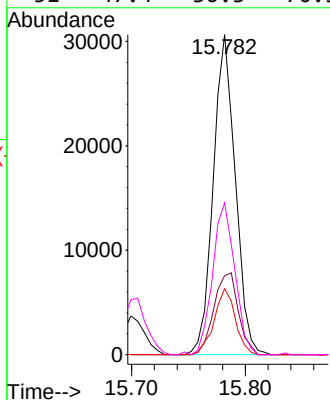
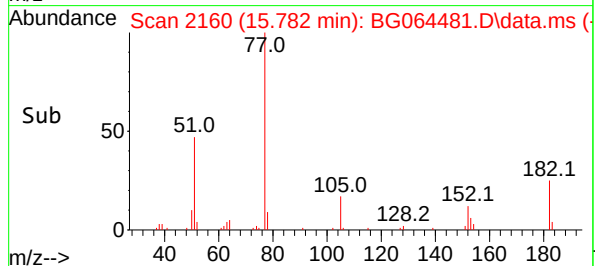


Tgt Ion: 77 Resp: 41235  
Ion Ratio Lower Upper  
77 100  
182 24.7 6.3 46.3  
105 20.6 0.0 38.7  
51 47.4 30.3 70.3

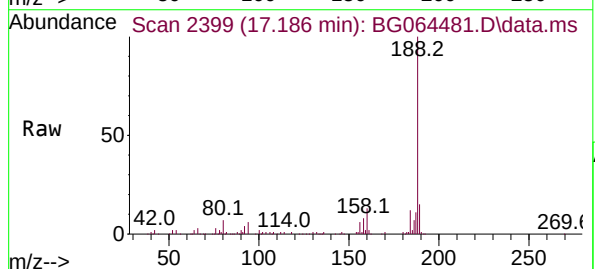
Manual Integrations

APPROVED

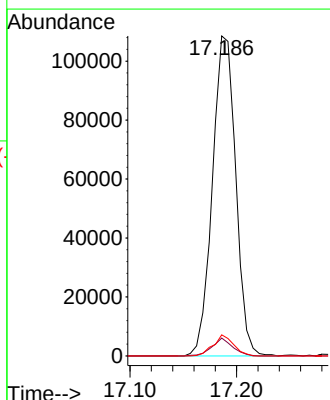
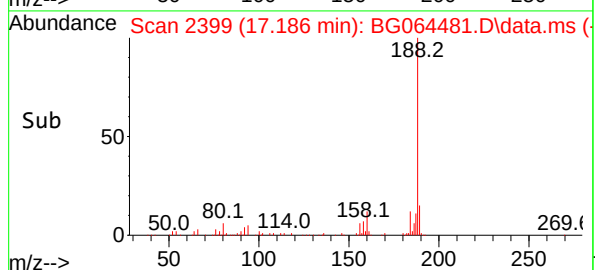
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

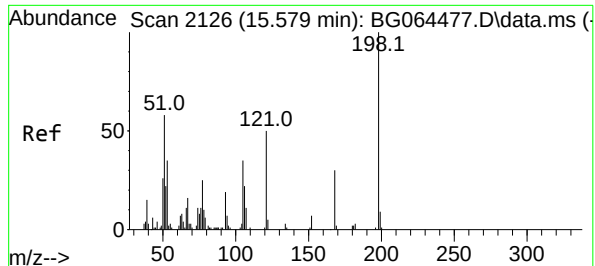


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.186 min Scan# 2399  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion:188 Resp: 165339  
Ion Ratio Lower Upper  
188 100  
94 5.6 3.7 5.5#  
80 6.6 4.5 6.7





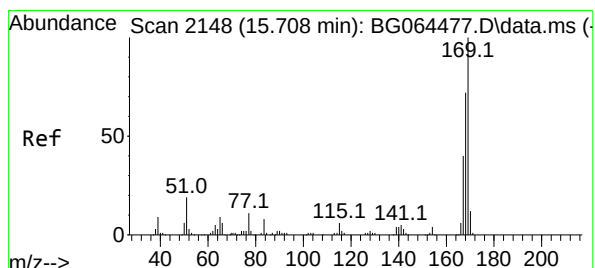
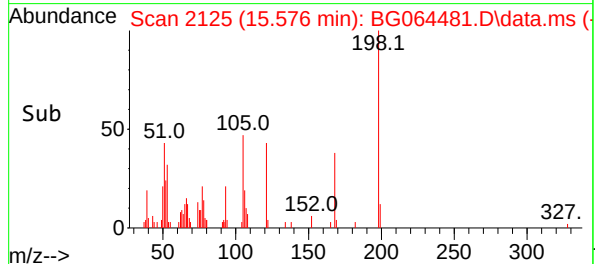
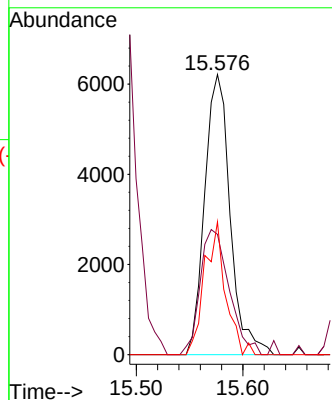
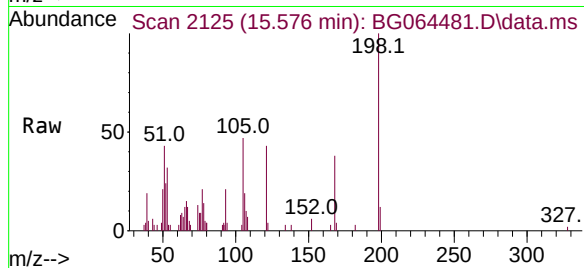
#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.960 ng  
RT: 15.576 min Scan# 2125  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion:198 Resp: 10315  
Ion Ratio Lower Upper  
198 100  
51 42.9 39.0 79.0  
105 47.4 15.8 55.8

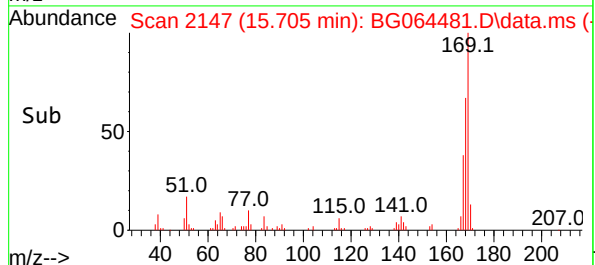
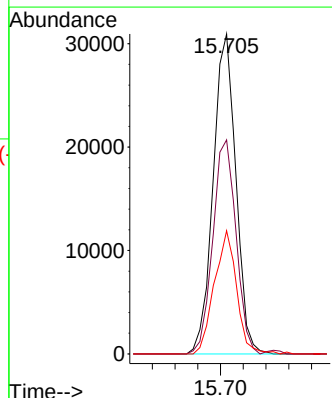
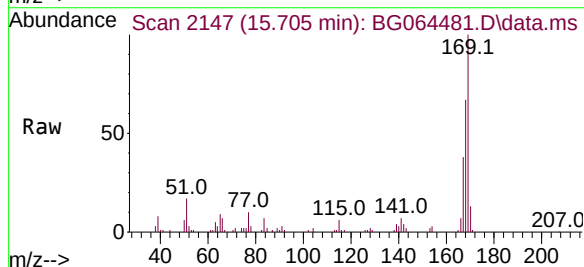
Manual Integrations  
APPROVED

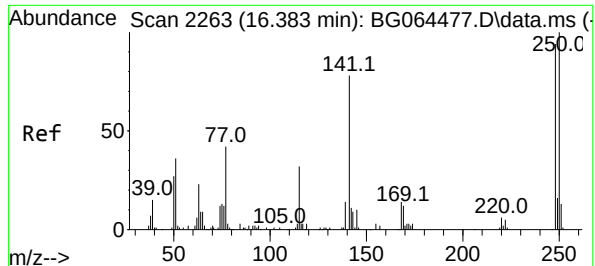
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#66  
n-Nitrosodiphenylamine  
Concen: 9.712 ng  
RT: 15.705 min Scan# 2147  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

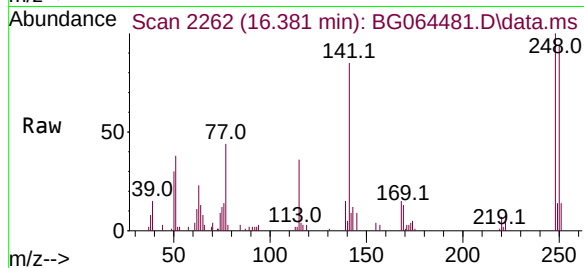
Tgt Ion:169 Resp: 42881  
Ion Ratio Lower Upper  
169 100  
168 66.9 57.8 86.6  
167 38.5 31.7 47.5





#67  
4-Bromophenyl-phenylether  
Concen: 9.731 ng  
RT: 16.381 min Scan# 2263  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

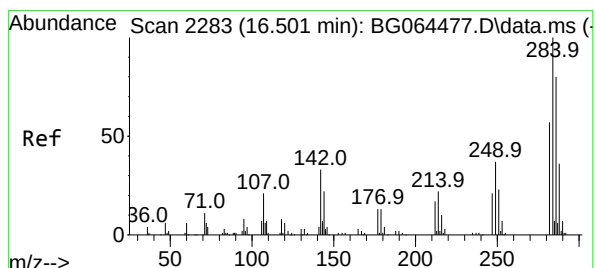
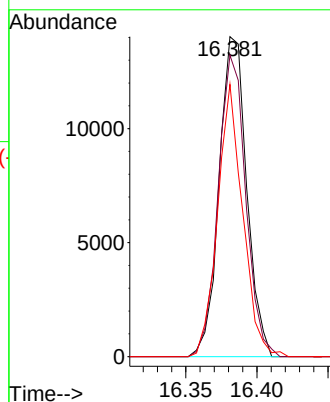
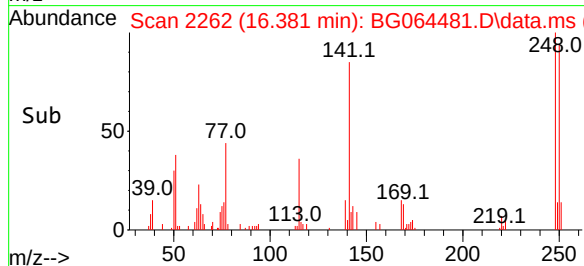
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



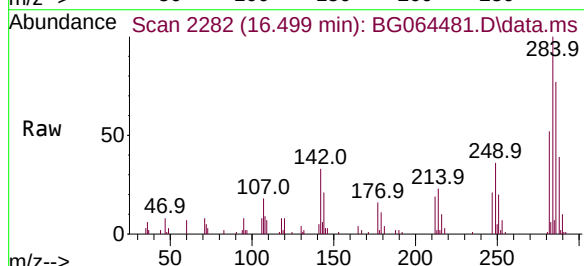
Tgt Ion:248 Resp: 18933  
Ion Ratio Lower Upper  
248 100  
250 94.2 85.3 127.9  
141 85.1 66.2 99.2

Manual Integrations  
APPROVED

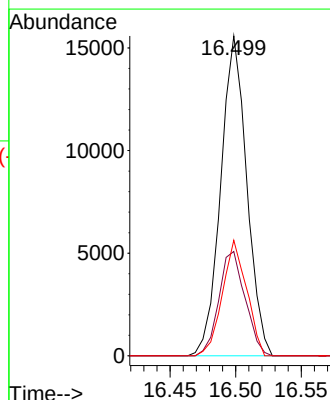
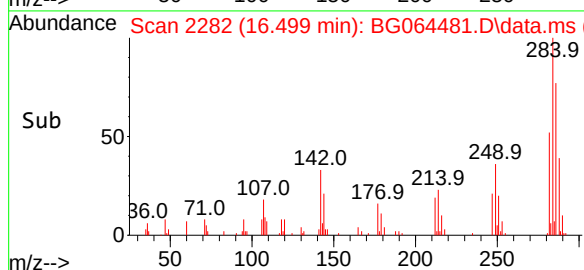
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

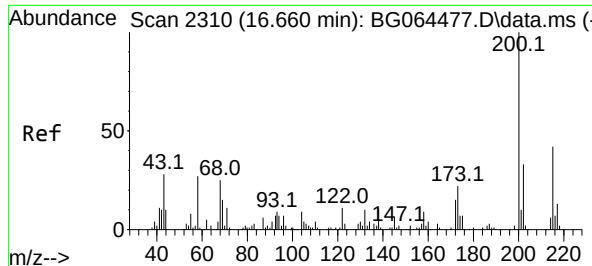


#68  
Hexachlorobenzene  
Concen: 9.676 ng  
RT: 16.499 min Scan# 2282  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion:284 Resp: 21542  
Ion Ratio Lower Upper  
284 100  
142 32.6 26.2 39.2  
249 36.1 29.4 44.0





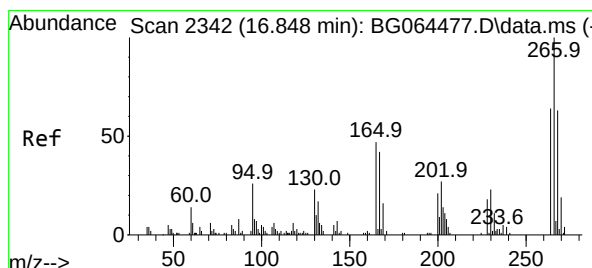
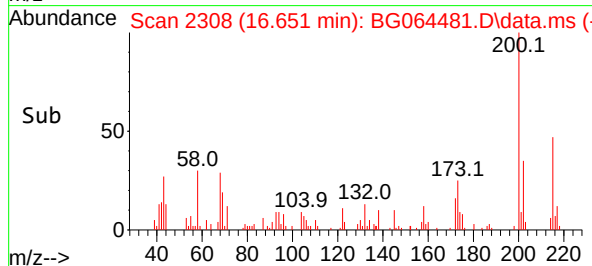
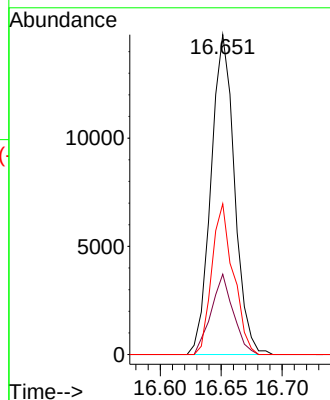
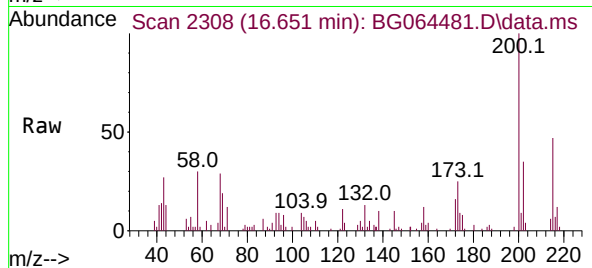
#69  
 Atrazine  
 Concen: 10.119 ng  
 RT: 16.651 min Scan# 2310  
 Delta R.T. 0.000 min  
 Lab File: BG064481.D  
 Acq: 2 Oct 2025 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:200 Resp: 1987  
 Ion Ratio Lower Upper  
 200 100  
 173 25.1 2.5 42.5  
 215 47.1 21.5 61.5

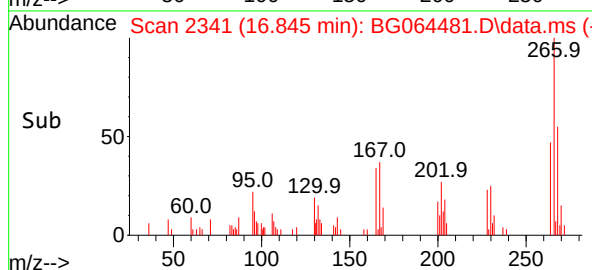
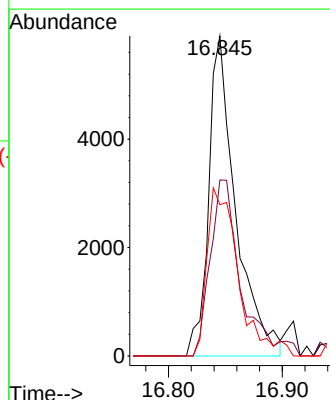
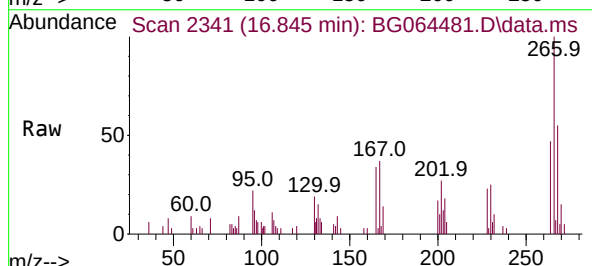
Manual Integrations  
 APPROVED

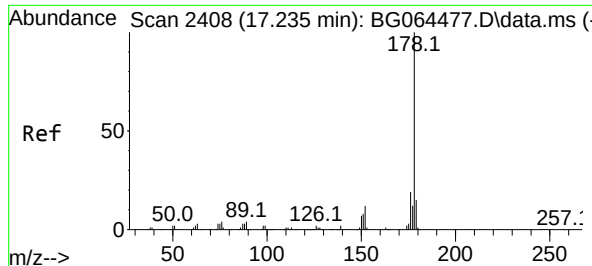
Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025



#70  
 Pentachlorophenol  
 Concen: 7.520 ng  
 RT: 16.845 min Scan# 2341  
 Delta R.T. 0.000 min  
 Lab File: BG064481.D  
 Acq: 2 Oct 2025 15:49

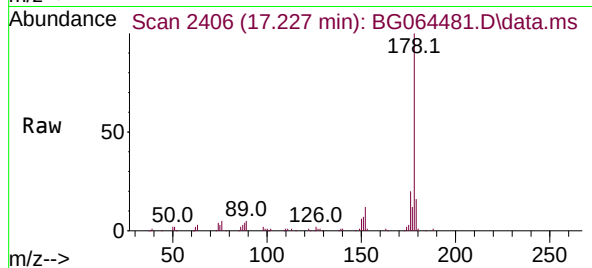
Tgt Ion:266 Resp: 9789  
 Ion Ratio Lower Upper  
 266 100  
 268 55.0 50.6 75.8  
 264 47.3 51.2 76.8#





#71  
Phenanthrene  
Concen: 9.770 ng  
RT: 17.227 min Scan# 2406  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

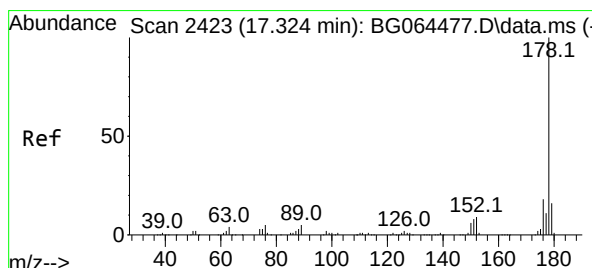
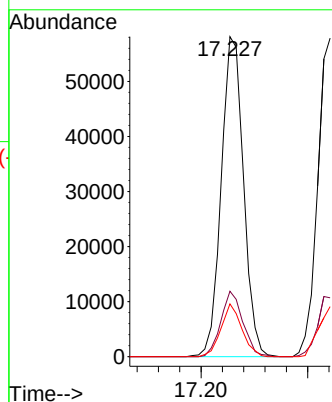
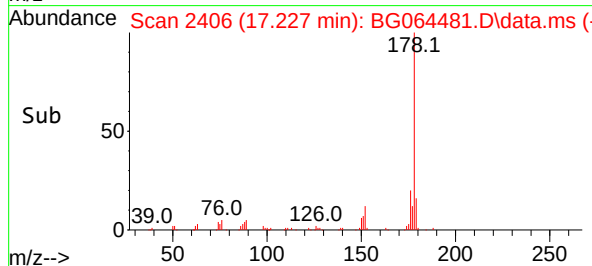
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:178 Resp: 84472  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.2 22.8  
179 16.5 11.8 17.6

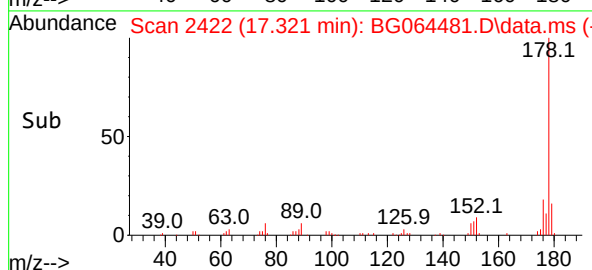
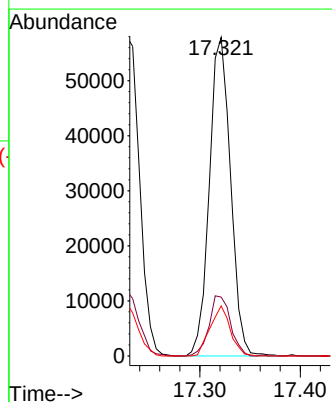
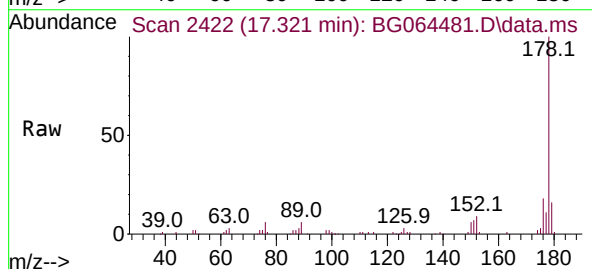
Manual Integrations  
APPROVED

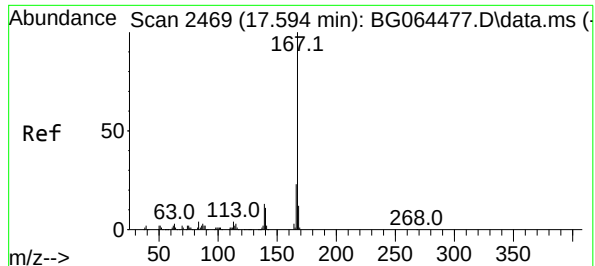
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#72  
Anthracene  
Concen: 9.797 ng  
RT: 17.321 min Scan# 2422  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

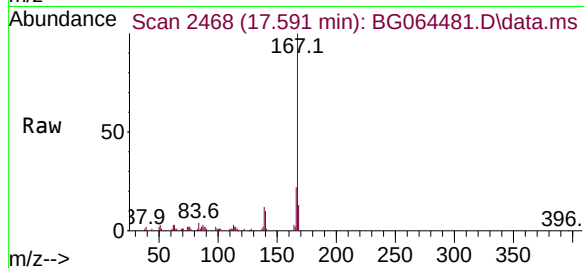
Tgt Ion:178 Resp: 84981  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.6 21.8  
179 15.7 12.5 18.7





#73  
 Carbazole  
 Concen: 9.869 ng  
 RT: 17.591 min Scan# 2468  
 Delta R.T. 0.000 min  
 Lab File: BG064481.D  
 Acq: 2 Oct 2025 15:49

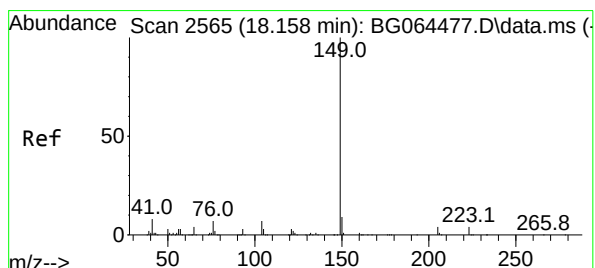
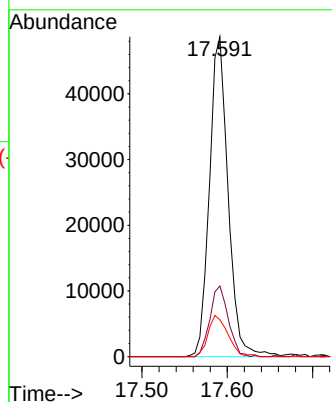
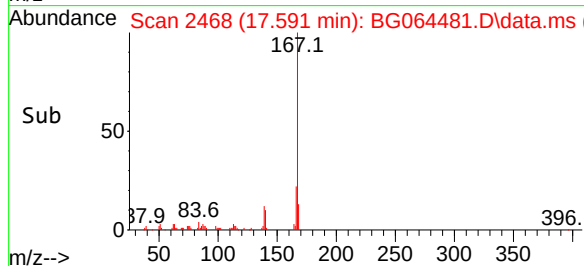
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010



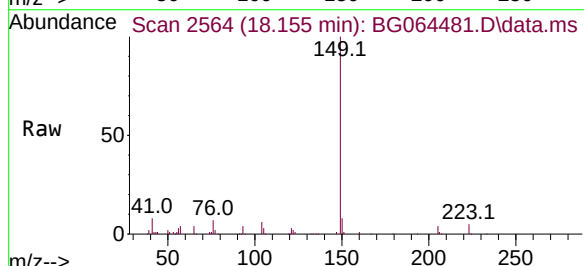
Tgt Ion:167 Resp: 73994  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.6 27.8  
 139 11.5 10.2 15.4

Manual Integrations  
 APPROVED

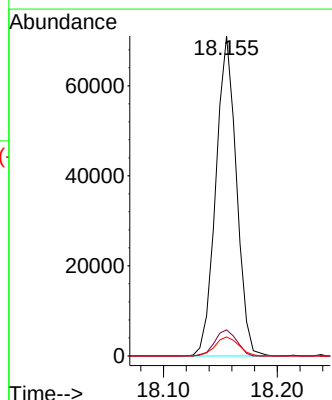
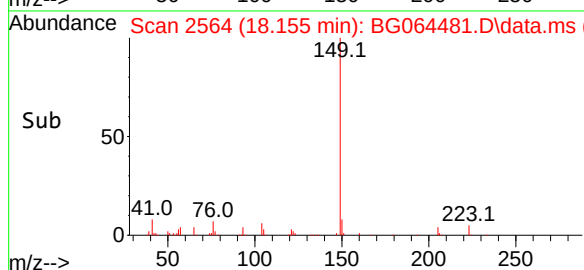
Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

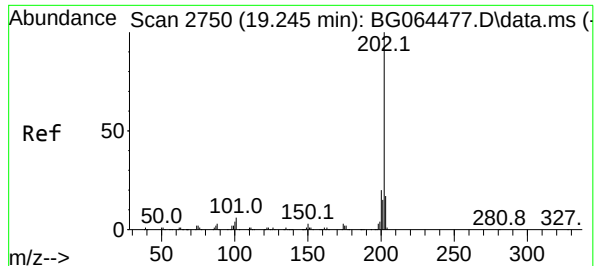


#74  
 Di-n-butylphthalate  
 Concen: 9.742 ng  
 RT: 18.155 min Scan# 2564  
 Delta R.T. 0.000 min  
 Lab File: BG064481.D  
 Acq: 2 Oct 2025 15:49



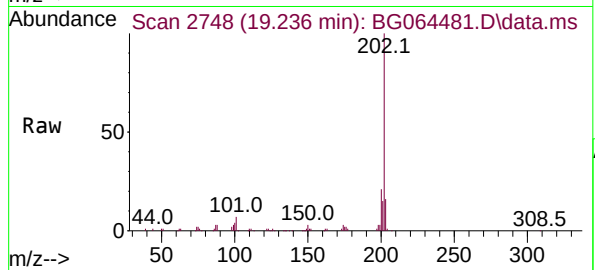
Tgt Ion:149 Resp: 89166  
 Ion Ratio Lower Upper  
 149 100  
 150 8.1 7.4 11.2  
 104 6.0 5.3 7.9





#75  
Fluoranthene  
Concen: 9.813 ng  
RT: 19.236 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

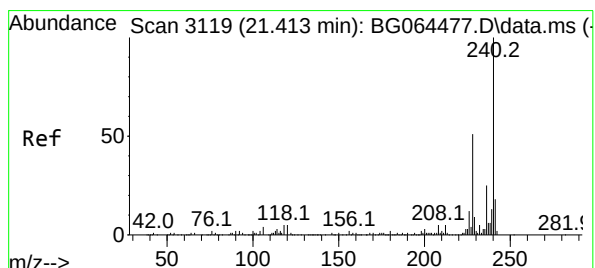
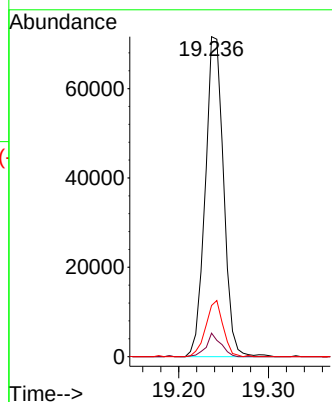
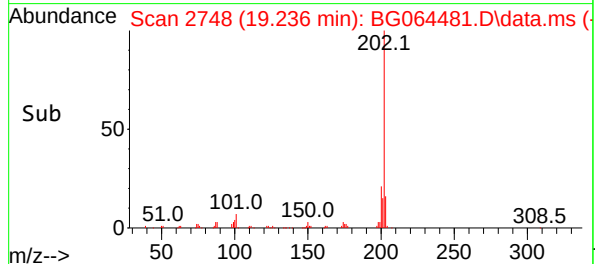
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



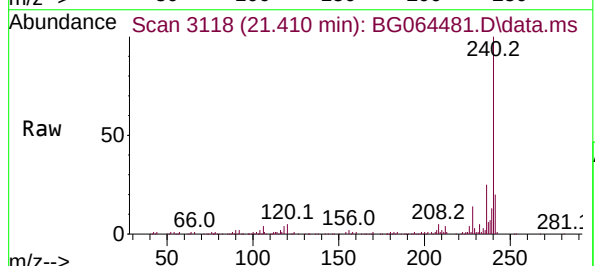
Tgt Ion:202 Resp: 101360  
Ion Ratio Lower Upper  
202 100  
101 7.4 0.0 25.7  
203 16.0 0.0 36.6

Manual Integrations  
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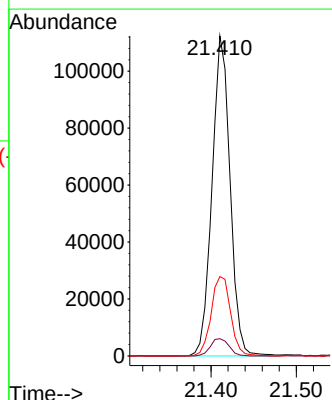
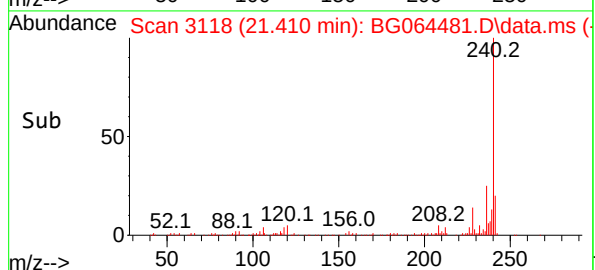
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



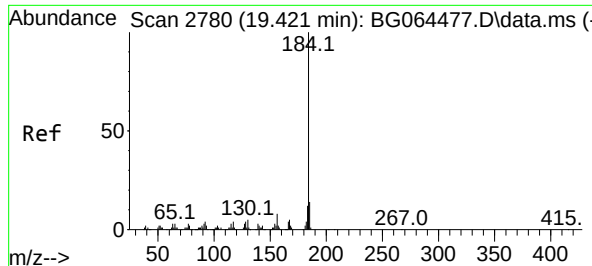
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.410 min Scan# 3118  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion:240 Resp: 164846  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.3 6.5  
236 24.8 20.4 30.6

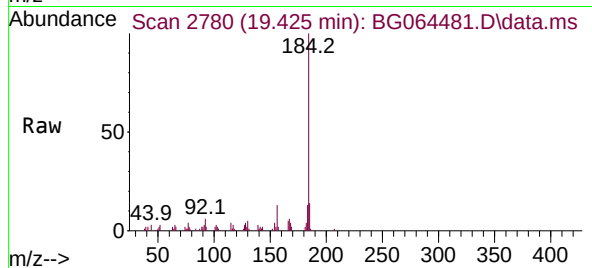






#77  
Benzidine  
Concen: 7.894 ng  
RT: 19.425 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

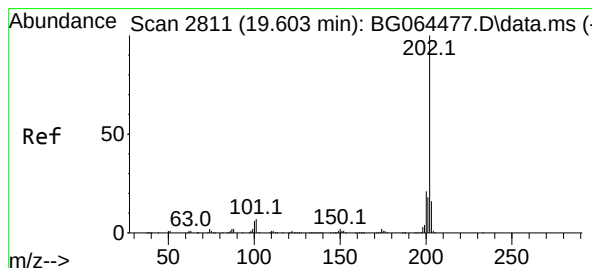
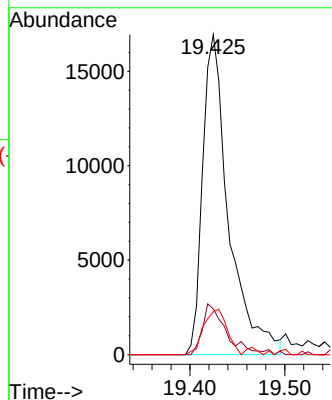
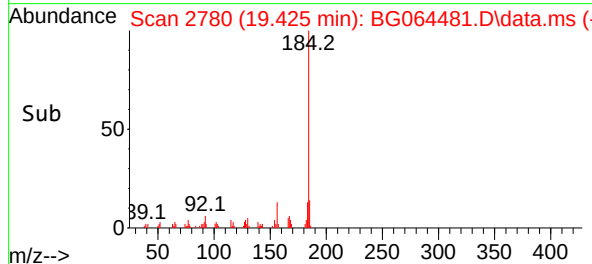
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:184 Resp: 32380  
Ion Ratio Lower Upper  
184 100  
185 14.3 10.9 16.3  
183 13.4 9.8 14.6

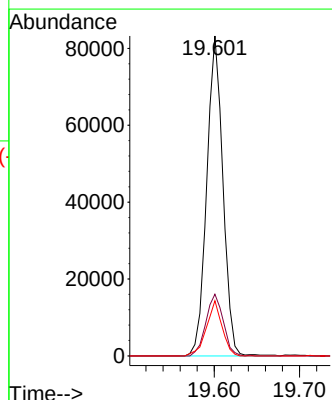
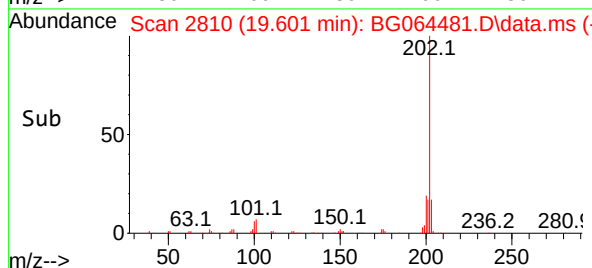
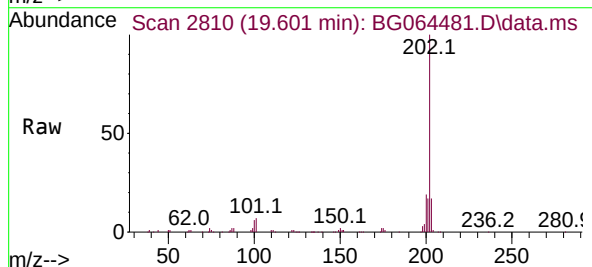
Manual Integrations  
APPROVED

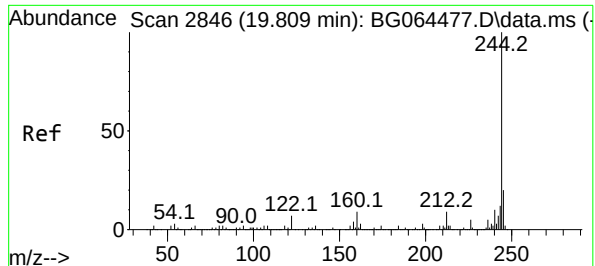
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#78  
Pyrene  
Concen: 10.242 ng  
RT: 19.601 min Scan# 2810  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

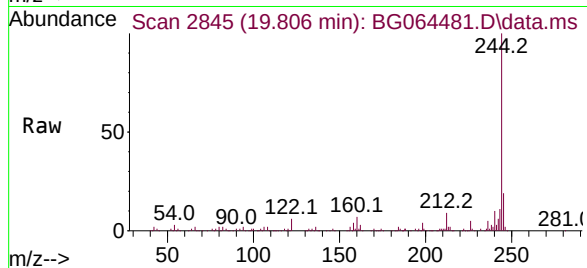
Tgt Ion:202 Resp: 109573  
Ion Ratio Lower Upper  
202 100  
200 19.3 17.0 25.4  
203 17.2 13.0 19.4





#79  
Terphenyl-d14  
Concen: 20.088 ng  
RT: 19.806 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

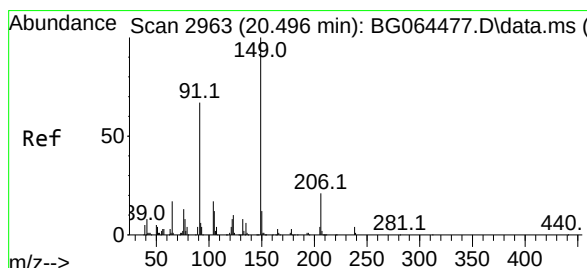
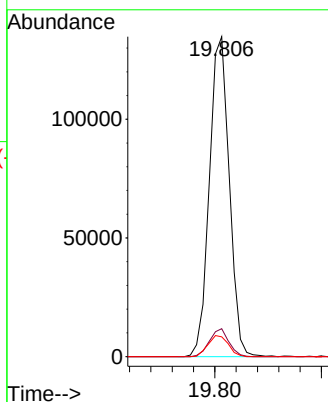
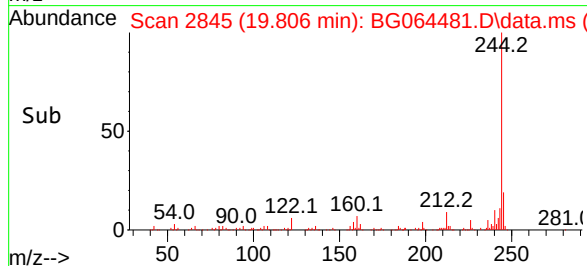
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:244 Resp: 174972  
Ion Ratio Lower Upper  
244 100  
212 8.7 7.0 10.6  
122 6.2 5.6 8.4

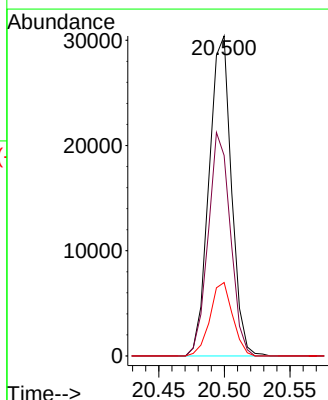
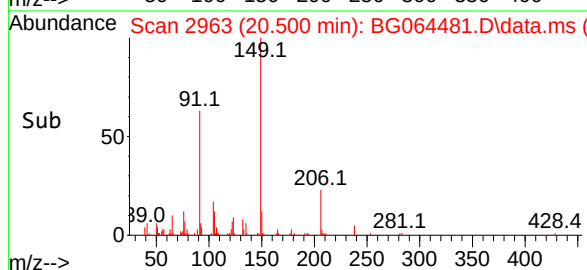
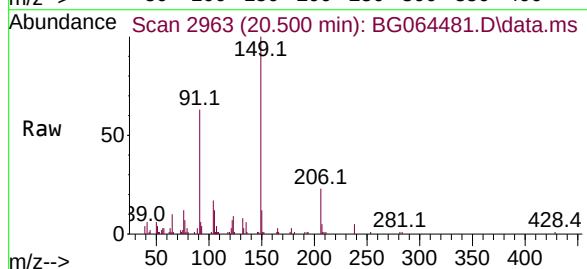
Manual Integrations  
APPROVED

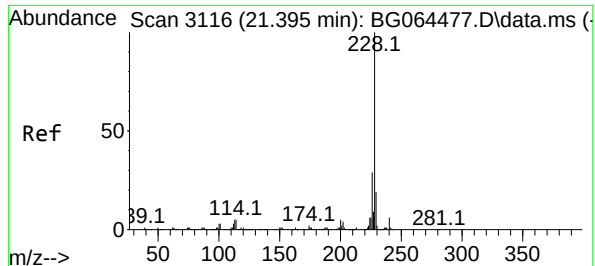
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#80  
Butylbenzylphthalate  
Concen: 9.522 ng  
RT: 20.500 min Scan# 2963  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

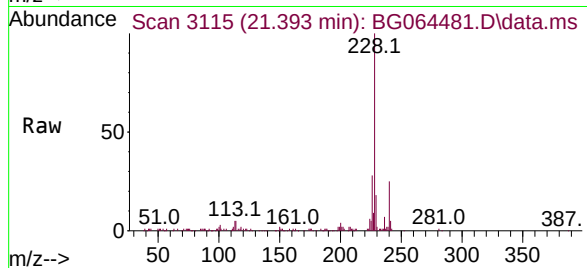
Tgt Ion:149 Resp: 36112  
Ion Ratio Lower Upper  
149 100  
91 62.6 53.7 80.5  
206 22.9 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 9.700 ng  
RT: 21.393 min Scan# 3116  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

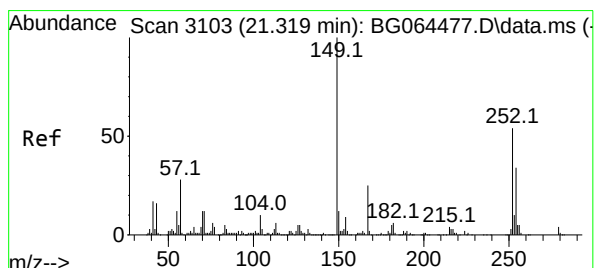
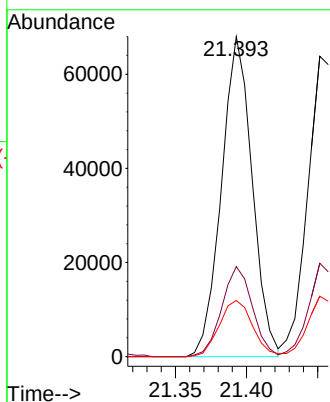
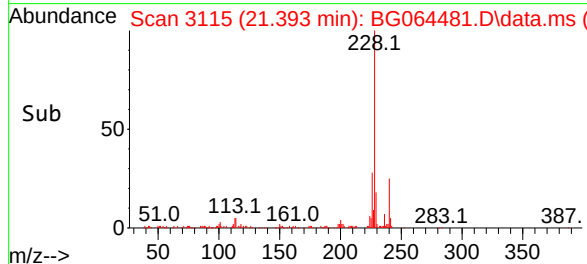
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:228 Resp: 102096  
Ion Ratio Lower Upper  
228 100  
226 28.1 22.8 34.2  
229 17.5 15.2 22.8

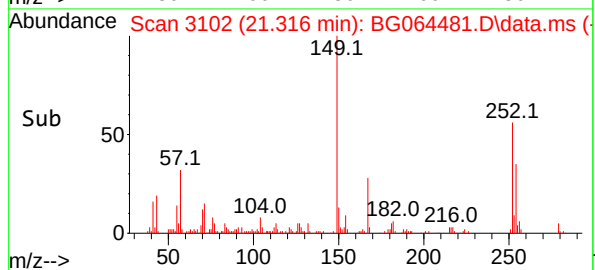
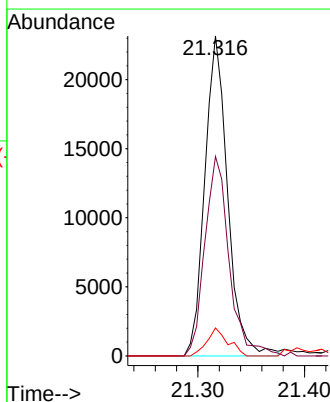
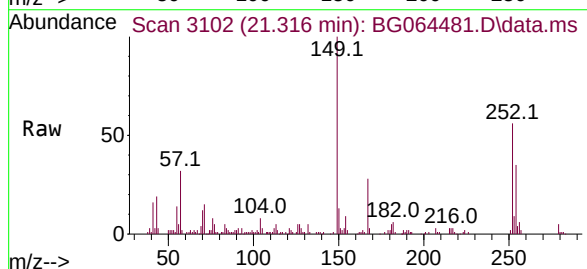
Manual Integrations  
APPROVED

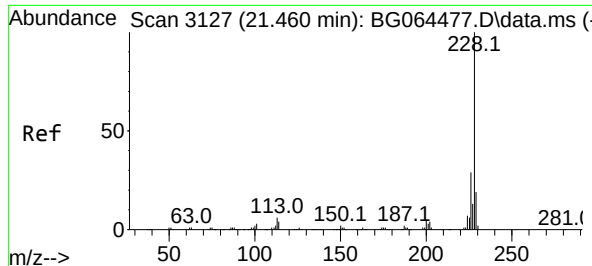
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 9.670 ng  
RT: 21.316 min Scan# 3102  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Tgt Ion:252 Resp: 34449  
Ion Ratio Lower Upper  
252 100  
254 62.3 50.5 75.7  
126 8.7 7.1 10.7





#83

Chrysene

Concen: 9.908 ng

RT: 21.452 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 98898

Ion Ratio Lower Upper

228 100

226 31.1 22.8 34.2

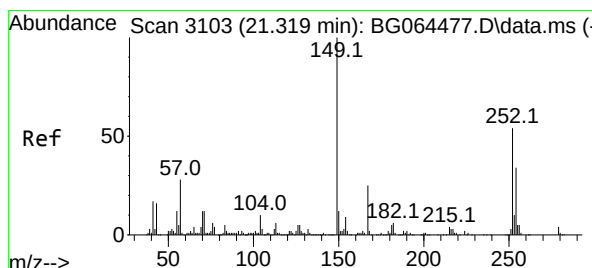
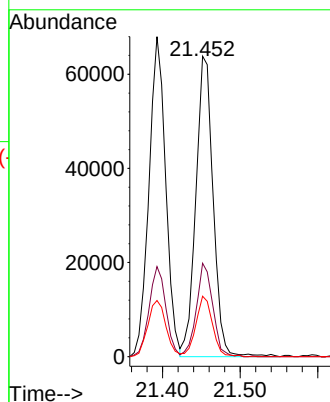
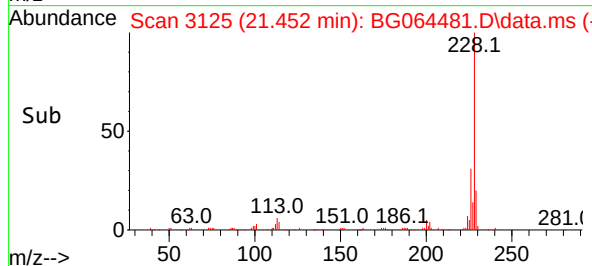
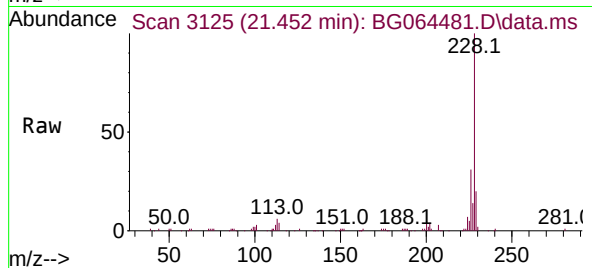
229 20.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.814 ng

RT: 21.316 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

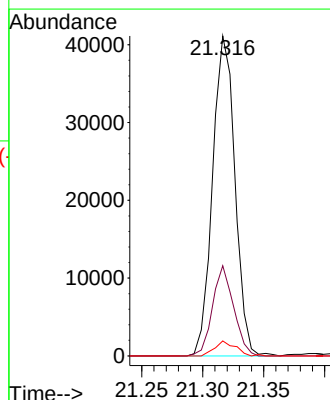
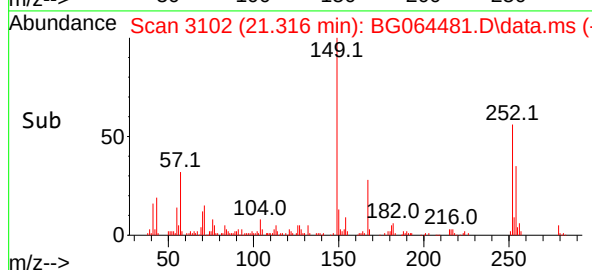
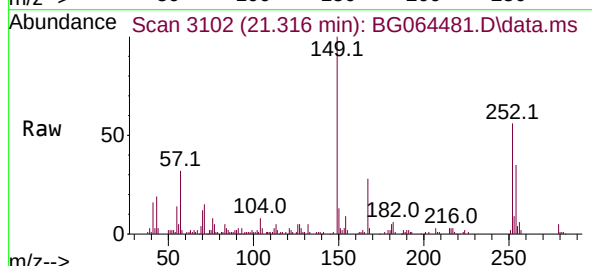
Tgt Ion:149 Resp: 52514

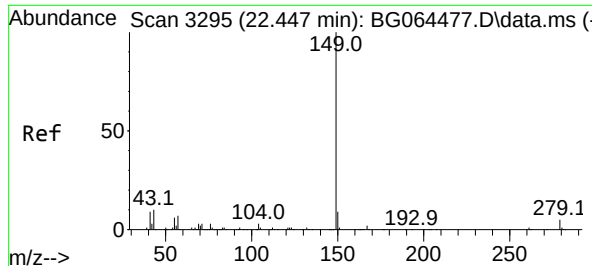
Ion Ratio Lower Upper

149 100

167 28.2 19.7 29.5

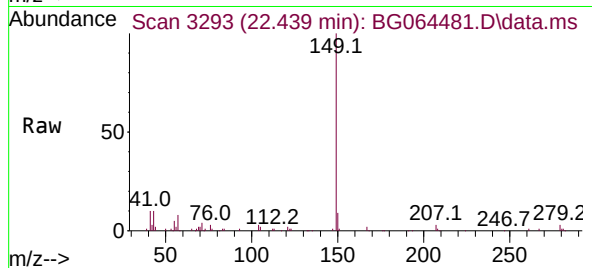
279 4.7 3.4 5.2





#85  
Di-n-octyl phthalate  
Concen: 9.673 ng  
RT: 22.439 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

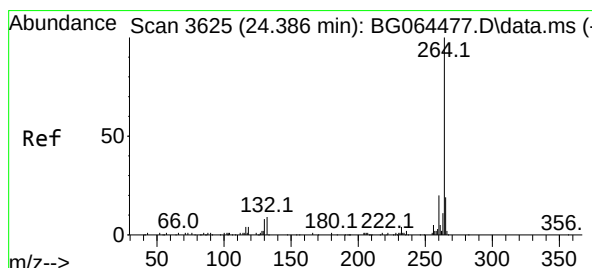
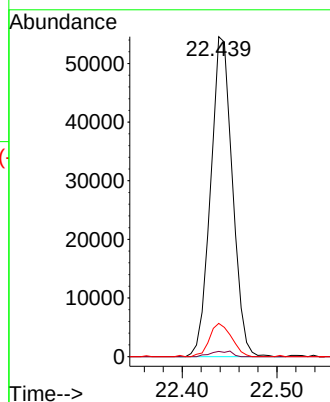
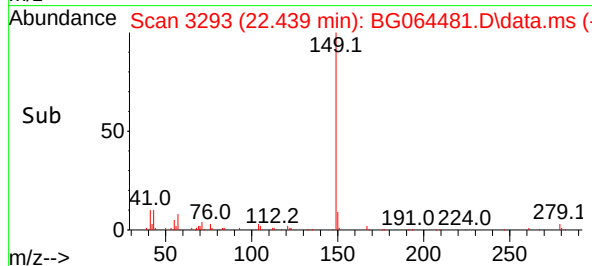
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:149 Resp: 86988  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 10.5 7.9 11.9

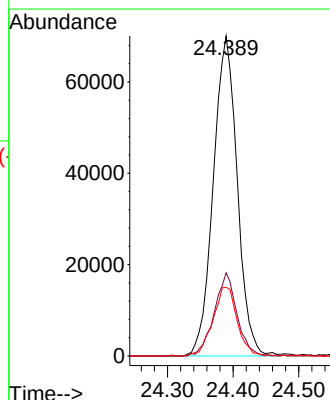
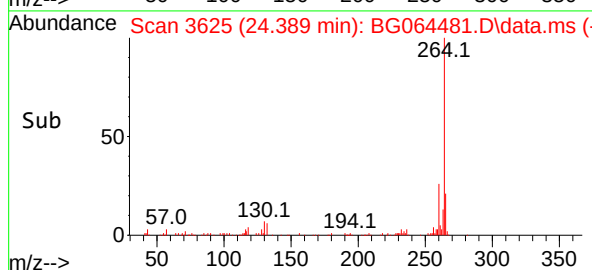
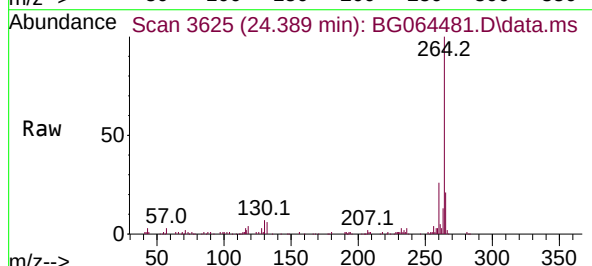
Manual Integrations  
APPROVED

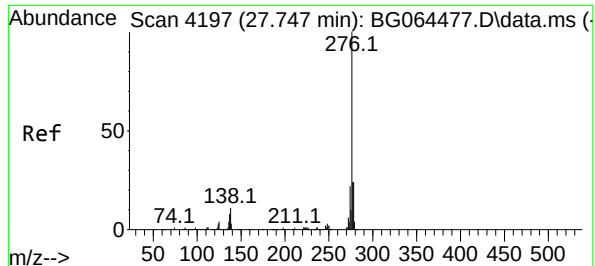
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.389 min Scan# 3625  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

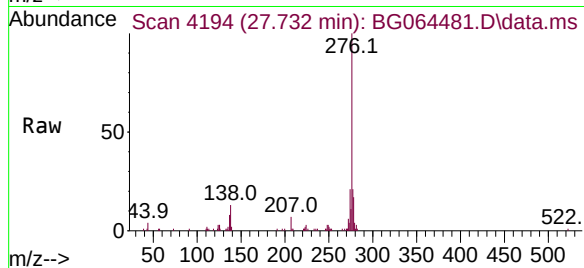
Tgt Ion:264 Resp: 177771  
Ion Ratio Lower Upper  
264 100  
260 26.0 16.2 24.4#  
265 21.5 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 9.480 ng  
RT: 27.732 min Scan# 4194  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

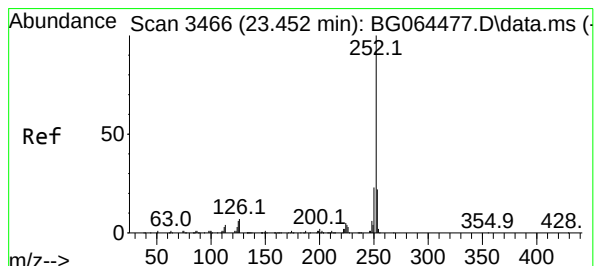
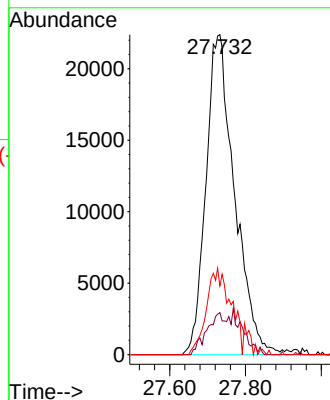
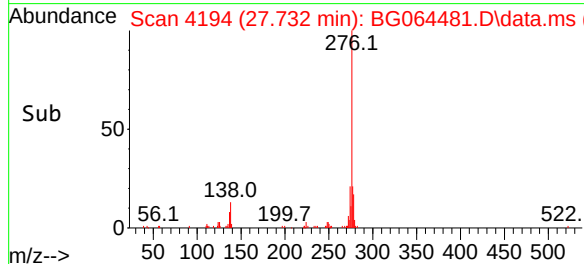
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:276 Resp: 117303  
Ion Ratio Lower Upper  
276 100  
138 8.5 10.8 16.2  
277 9.6 20.3 30.5

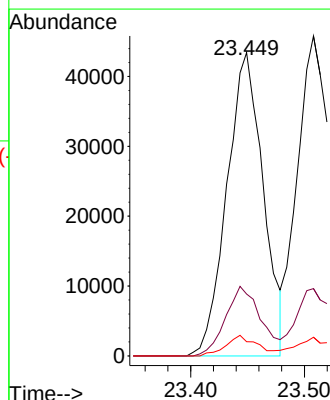
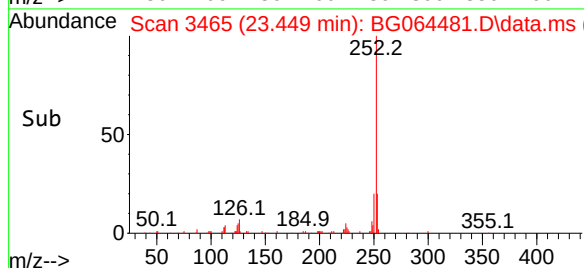
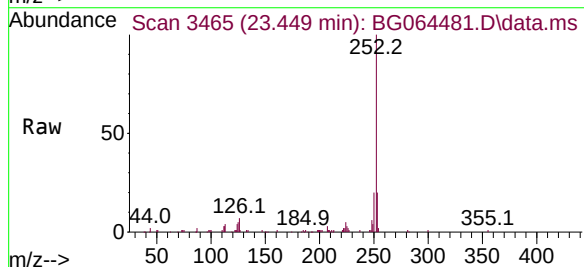
Manual Integrations  
APPROVED

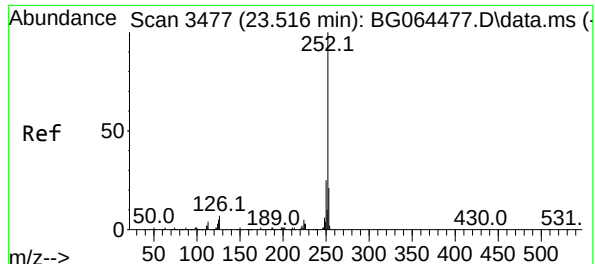
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#88  
Benzo(b)fluoranthene  
Concen: 9.525 ng  
RT: 23.449 min Scan# 3465  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

Tgt Ion:252 Resp: 96327  
Ion Ratio Lower Upper  
252 100  
253 20.4 17.5 26.3  
125 4.7 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 9.442 ng

RT: 23.508 min Scan# 3475

Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

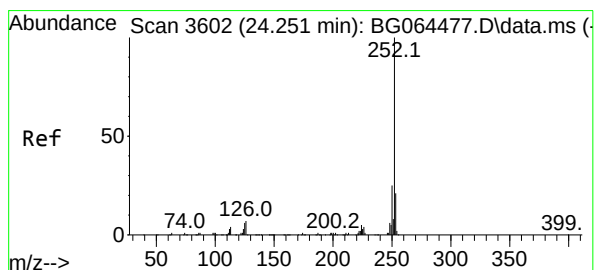
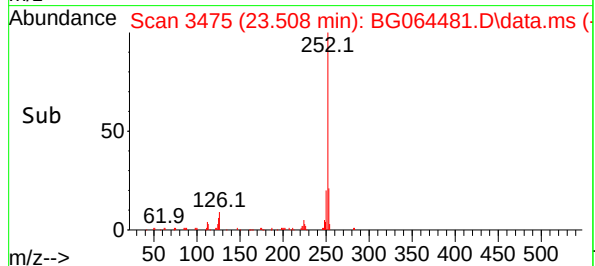
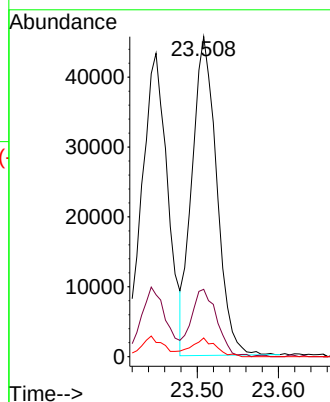
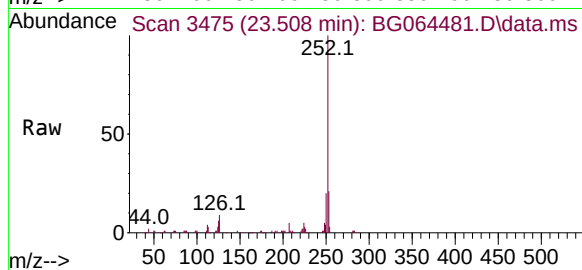
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 96178 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.0  | 17.4  | 26.2  |
| 125       | 5.8   | 4.0   | 6.0   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 9.529 ng

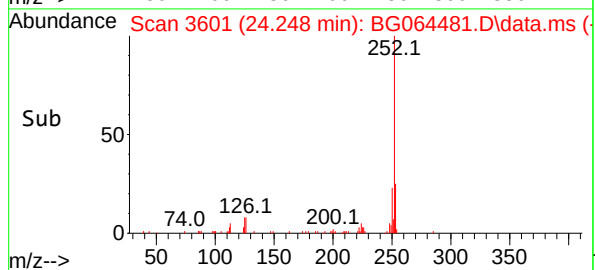
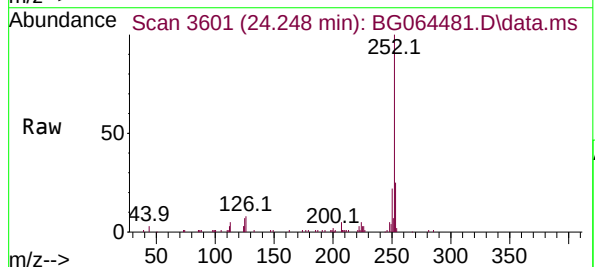
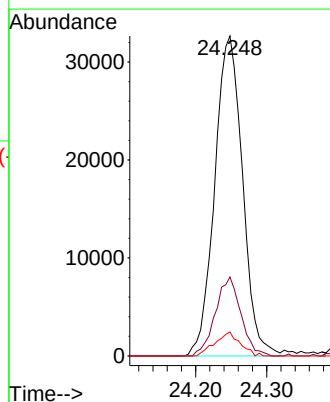
RT: 24.248 min Scan# 3601

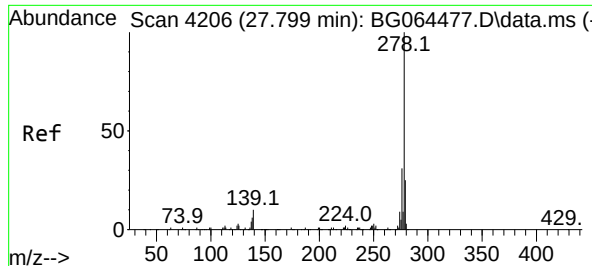
Delta R.T. 0.000 min

Lab File: BG064481.D

Acq: 2 Oct 2025 15:49

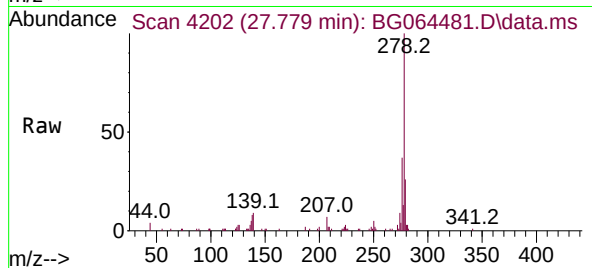
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 88822 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 24.7  | 17.1  | 25.7  |
| 125       | 7.5   | 4.6   | 6.8   |





#91  
Dibenzo(a,h)anthracene  
Concen: 9.457 ng  
RT: 27.779 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49

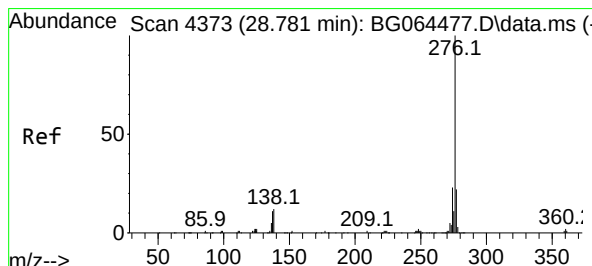
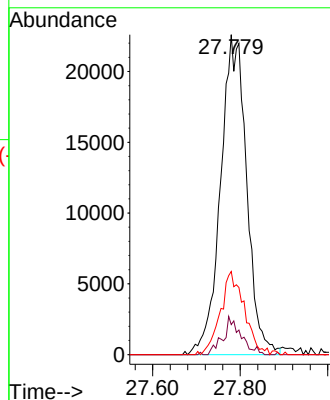
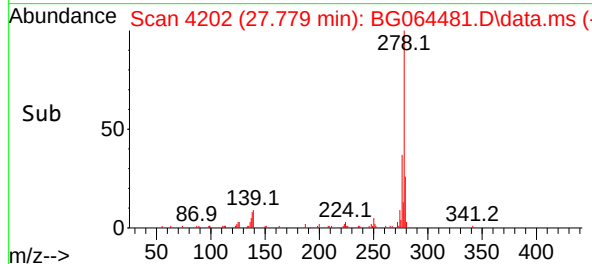
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



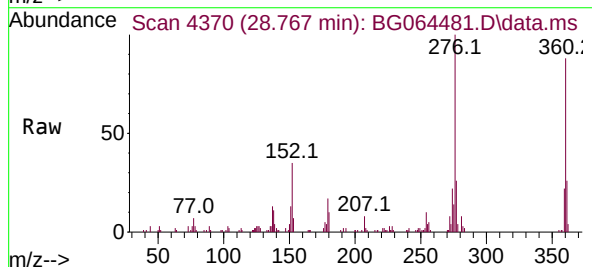
Tgt Ion:278 Resp: 93585  
Ion Ratio Lower Upper  
278 100  
139 9.4 8.2 12.2  
279 26.0 19.6 29.4

Manual Integrations  
APPROVED

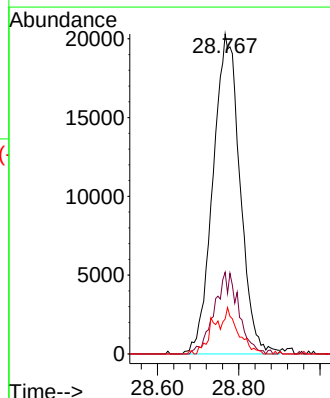
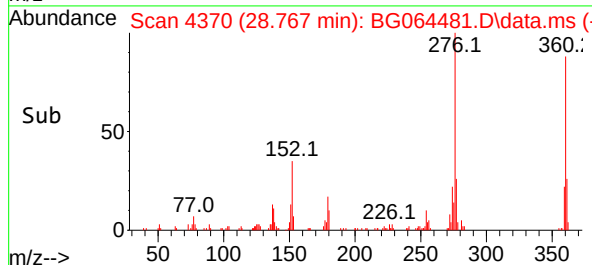
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 9.735 ng  
RT: 28.767 min Scan# 4370  
Delta R.T. 0.000 min  
Lab File: BG064481.D  
Acq: 2 Oct 2025 15:49



Tgt Ion:276 Resp: 93612  
Ion Ratio Lower Upper  
276 100  
277 25.5 17.8 26.6  
138 15.1 9.4 14.0#





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064482.D  
 Acq On : 2 Oct 2025 18:09  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG100225

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 18:56:29 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.826  | 152  | 15318    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.611 | 136  | 68102    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.448 | 164  | 53704    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 136982   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.416 | 240  | 140392   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.389 | 264  | 148372   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.411  | 112  | 62374    | 75.359 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.998  | 99   | 86196    | 77.494 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.978  | 82   | 92457    | 72.999 | ng    | 0.01     |
| 42) 2,4,6-Tribromophenol      | 15.940 | 330  | 74669    | 76.705 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.073 | 172  | 271576   | 74.539 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.806 | 244  | 564322   | 76.071 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.326  | 88   | 12001    | 36.657 | ng    | 96       |
| 3) Pyridine                   | 3.713  | 79   | 31163    | 35.418 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.631  | 42   | 24896    | 39.031 | ng    | 91       |
| 6) Aniline                    | 7.151  | 93   | 57677    | 41.109 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.391  | 128  | 37701    | 37.094 | ng    | 96       |
| 9) Benzaldehyde               | 6.963  | 77   | 31860    | 32.268 | ng    | 96       |
| 10) Phenol                    | 7.021  | 94   | 45072    | 38.413 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.250  | 93   | 29672    | 37.341 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.715  | 146  | 41698    | 37.504 | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 7.856  | 146  | 44492    | 39.872 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.173  | 146  | 42303    | 38.466 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.061  | 79   | 41748    | 40.756 | ng    | 88       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.349  | 45   | 48934    | 38.204 | ng    | 93       |
| 17) 2-Methylphenol            | 8.267  | 107  | 32757    | 38.553 | ng    | 96       |
| 18) Hexachloroethane          | 8.901  | 117  | 16683    | 37.877 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.625  | 70   | 30487    | 40.984 | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.596  | 107  | 46114    | 38.893 | ng    | 92       |
| 22) Acetophenone              | 8.637  | 105  | 65802    | 39.906 | ng    | # 98     |
| 24) Nitrobenzene              | 9.019  | 77   | 46946    | 37.170 | ng    | 95       |
| 25) Isophorone                | 9.542  | 82   | 89937    | 39.198 | ng    | # 97     |
| 26) 2-Nitrophenol             | 9.724  | 139  | 22245    | 35.388 | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 9.789  | 122  | 40285    | 41.959 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.024 | 93   | 45075    | 38.540 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.259 | 162  | 43141    | 38.857 | ng    | 86       |
| 30) 1,2,4-Trichlorobenzene    | 10.476 | 180  | 46901    | 38.743 | ng    | 97       |
| 31) Naphthalene               | 10.658 | 128  | 134984   | 38.491 | ng    | 97       |
| 32) Benzoic acid              | 9.941  | 122  | 29650m   | 40.223 | ng    |          |
| 33) 4-Chloroaniline           | 10.770 | 127  | 57575    | 42.784 | ng    | 91       |
| 34) Hexachlorobutadiene       | 10.952 | 225  | 37931    | 36.587 | ng    | 93       |
| 35) Caprolactam               | 11.534 | 113  | 14752    | 38.812 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.898 | 107  | 51832    | 38.389 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.268 | 142  | 94732    | 35.191 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.491 | 142  | 99137    | 36.933 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.644 | 216  | 66779    | 38.511 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.621 | 237  | 45790    | 50.483 | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 12.879 | 196  | 43264    | 39.030 | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064482.D  
 Acq On : 2 Oct 2025 18:09  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG100225

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Oct 02 18:56:29 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.955 | 196  | 46812    | 37.827 | ng    | 90       |
| 46) 1,1'-Biphenyl             | 13.285 | 154  | 149616   | 38.735 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.326 | 162  | 108769   | 37.716 | ng    | 95       |
| 48) 2-Nitroaniline            | 13.531 | 65   | 38535    | 39.151 | ng    | 98       |
| 49) Acenaphthylene            | 14.172 | 152  | 187686   | 43.842 | ng    | 97       |
| 50) Dimethylphthalate         | 13.907 | 163  | 159424   | 37.903 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.025 | 165  | 33945    | 38.742 | ng    | 92       |
| 52) Acenaphthene              | 14.512 | 154  | 109054   | 36.666 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.354 | 138  | 32910    | 40.727 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.559 | 184  | 21309    | 33.540 | ng    | # 81     |
| 55) Dibenzofuran              | 14.847 | 168  | 187307   | 38.141 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.671 | 139  | 25265    | 39.712 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 14.812 | 165  | 52757    | 39.388 | ng    | 98       |
| 58) Fluorene                  | 15.500 | 166  | 161086   | 39.456 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.077 | 232  | 50545    | 40.021 | ng    | 100      |
| 60) Diethylphthalate          | 15.276 | 149  | 172891   | 38.317 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.494 | 204  | 81203    | 36.432 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.517 | 138  | 34897    | 41.435 | ng    | 92       |
| 63) Azobenzene                | 15.787 | 77   | 134722   | 38.553 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.582 | 198  | 36085    | 37.834 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.705 | 169  | 137047   | 37.465 | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.387 | 248  | 59351    | 36.819 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.504 | 284  | 67918    | 36.821 | ng    | 96       |
| 69) Atrazine                  | 16.657 | 200  | 68476    | 42.076 | ng    | 98       |
| 70) Pentachlorophenol         | 16.845 | 266  | 38853    | 36.025 | ng    | 91       |
| 71) Phenanthrene              | 17.233 | 178  | 265823   | 37.108 | ng    | 96       |
| 72) Anthracene                | 17.321 | 178  | 274231   | 38.159 | ng    | 99       |
| 73) Carbazole                 | 17.591 | 167  | 246445   | 39.673 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.155 | 149  | 294614   | 38.852 | ng    | 99       |
| 75) Fluoranthene              | 19.242 | 202  | 331530   | 38.739 | ng    | 100      |
| 77) Benzidine                 | 19.424 | 184  | 152917   | 43.772 | ng    | 98       |
| 78) Pyrene                    | 19.601 | 202  | 335798   | 36.856 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.500 | 149  | 121325   | 37.565 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.393 | 228  | 339443   | 37.867 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.316 | 252  | 128504   | 42.355 | ng    | 97       |
| 83) Chrysene                  | 21.457 | 228  | 309731   | 36.434 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.316 | 149  | 168982   | 37.082 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.444 | 149  | 281232   | 36.720 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.738 | 276  | 390549   | 37.816 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.449 | 252  | 315880   | 37.423 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.514 | 252  | 337015   | 39.643 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.254 | 252  | 307034   | 39.468 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.791 | 278  | 318677   | 38.585 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 28.784 | 276  | 317018   | 39.498 | ng    | 97       |

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

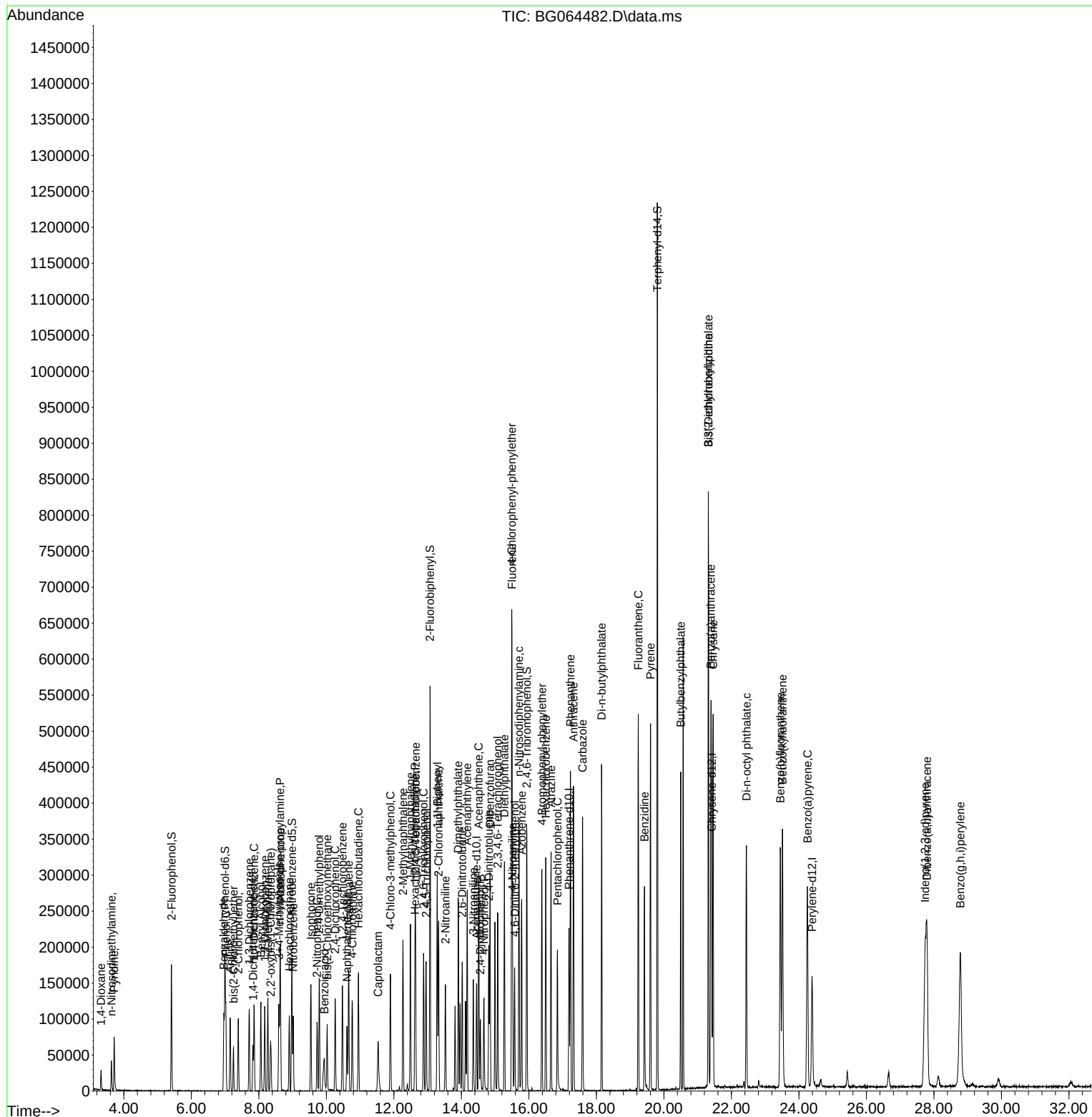
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Data File : BG064482.D  
Acq On : 2 Oct 2025 18:09  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

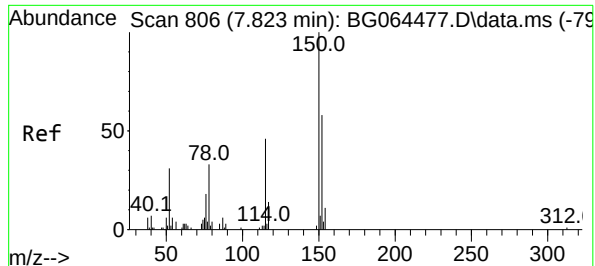
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
ICVBG100225

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

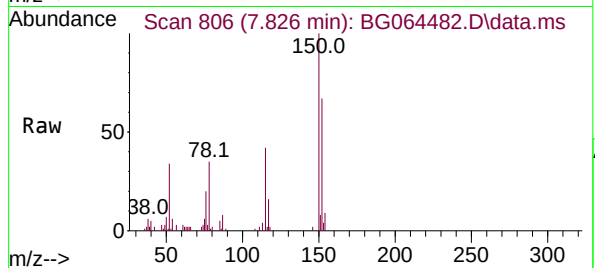
Quant Time: Oct 02 18:56:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.826 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

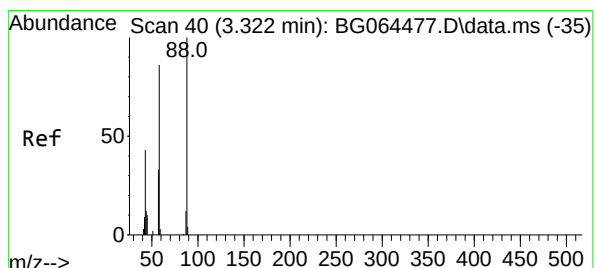
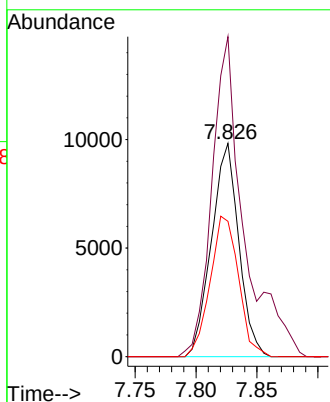
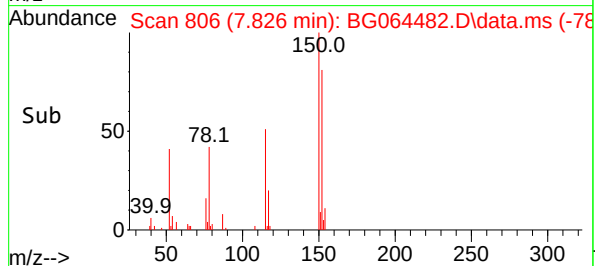
Instrument :  
BNA\_G  
Client SampleId :  
ICVBG100225



Tgt Ion: 152 Resp: 15318  
Ion Ratio Lower Upper  
152 100  
150 150.1 138.6 207.8  
115 63.5 63.4 95.2

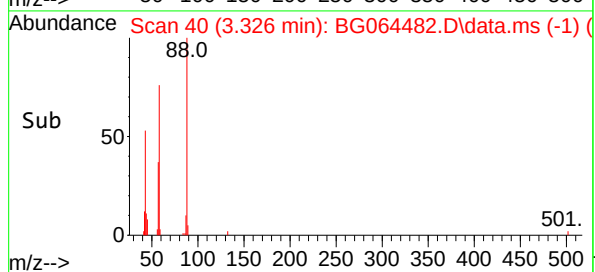
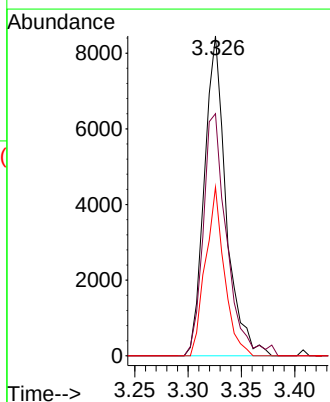
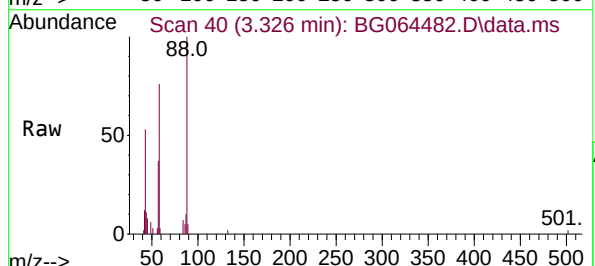
Manual Integrations  
APPROVED

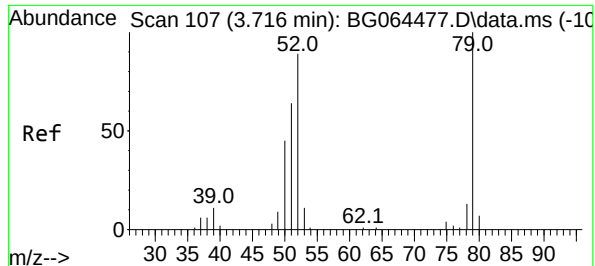
Reviewed By :Rahul Chavli 10/03/2025  
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#2  
1,4-Dioxane  
Concen: 36.657 ng  
RT: 3.326 min Scan# 40  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion: 88 Resp: 12001  
Ion Ratio Lower Upper  
88 100  
58 81.6 69.8 104.6  
43 45.8 37.4 56.0





#3

Pyridine

Concen: 35.418 ng

RT: 3.713 min Scan# 10

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion: 79 Resp: 31163

Ion Ratio Lower Upper

79 100

52 89.5 71.0 106.4

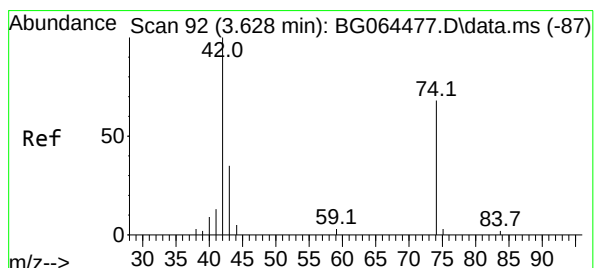
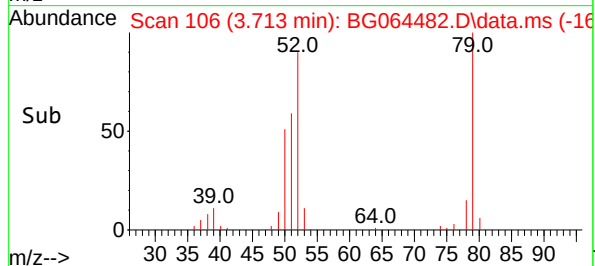
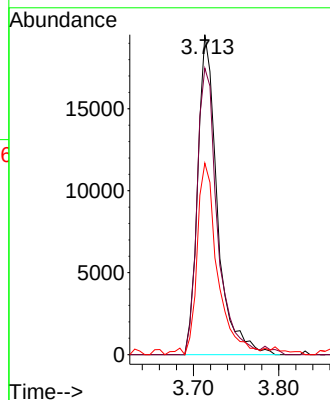
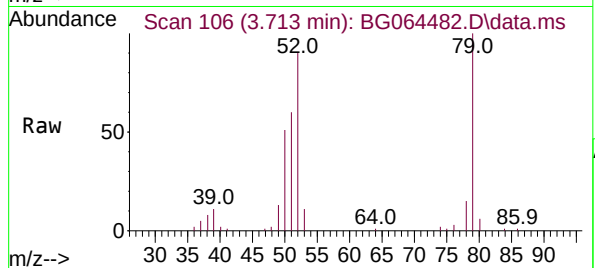
51 59.8 51.0 76.6

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#4

n-Nitrosodimethylamine

Concen: 39.031 ng

RT: 3.631 min Scan# 92

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

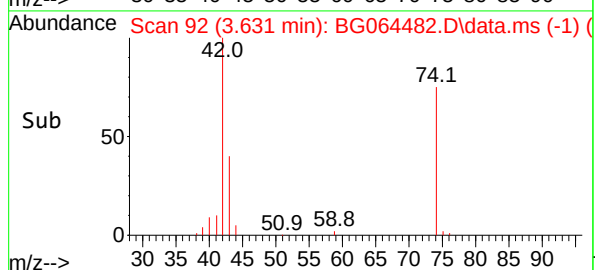
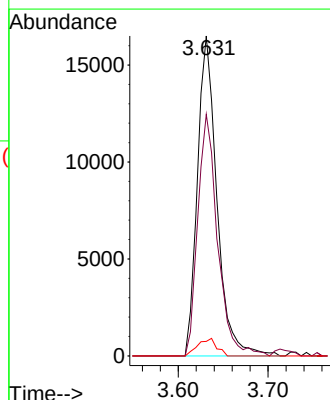
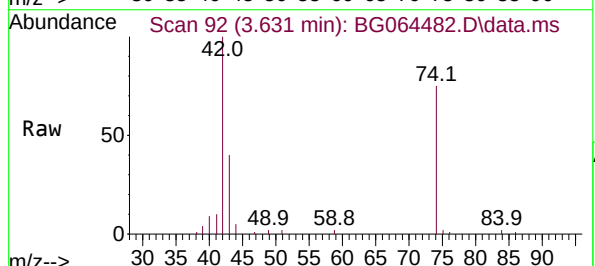
Tgt Ion: 42 Resp: 24896

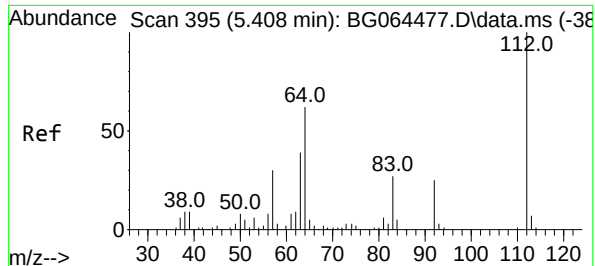
Ion Ratio Lower Upper

42 100

74 75.5 54.2 81.4

44 4.5 4.2 6.2



#5  
2-Fluorophenol

Concen: 75.359 ng

RT: 5.411 min Scan# 395

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion:112 Resp: 62374

Ion Ratio Lower Upper

112 100

64 60.2 49.8 74.8

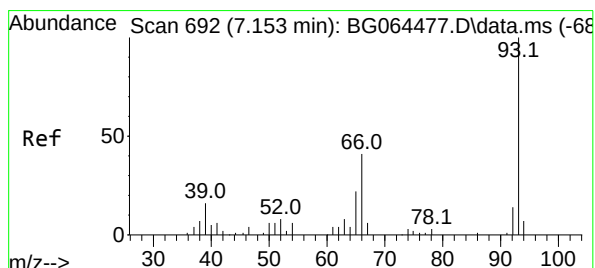
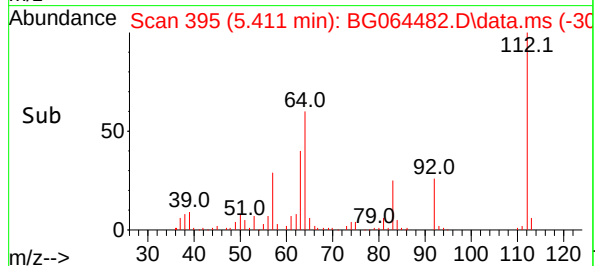
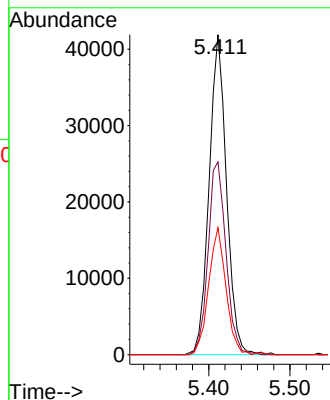
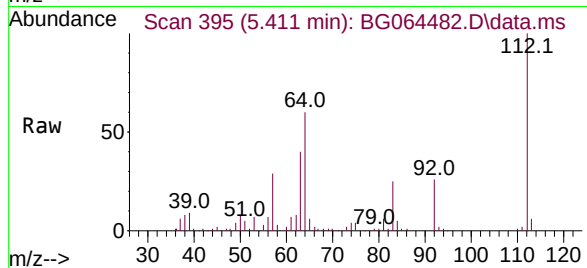
63 39.7 31.3 46.9

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#6

Aniline

Concen: 41.109 ng

RT: 7.151 min Scan# 691

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

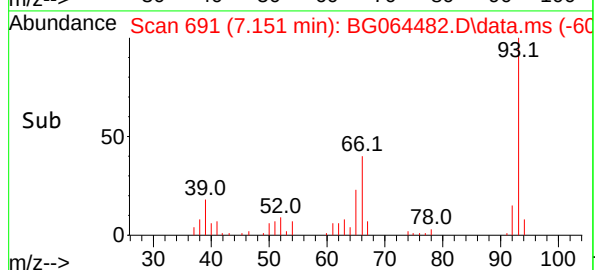
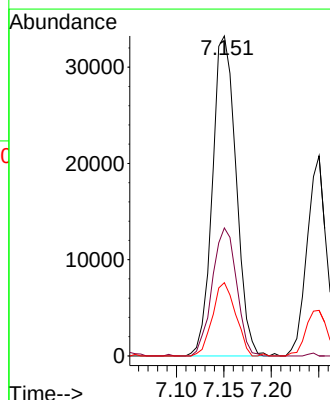
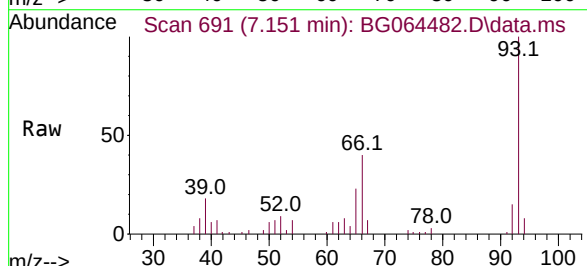
Tgt Ion: 93 Resp: 57677

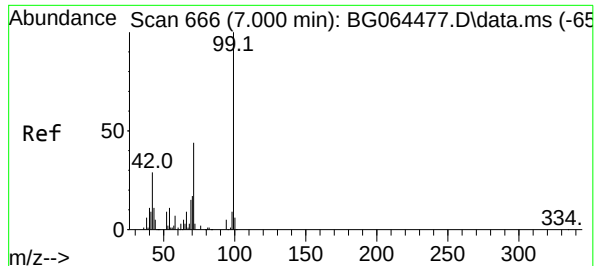
Ion Ratio Lower Upper

93 100

66 40.0 33.0 49.4

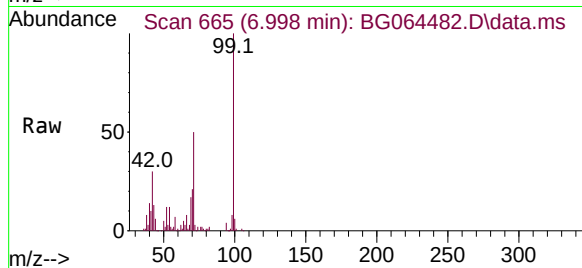
65 22.9 17.5 26.3





#7  
Phenol-d6  
Concen: 77.494 ng  
RT: 6.998 min Scan# 60  
Delta R.T. 0.012 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

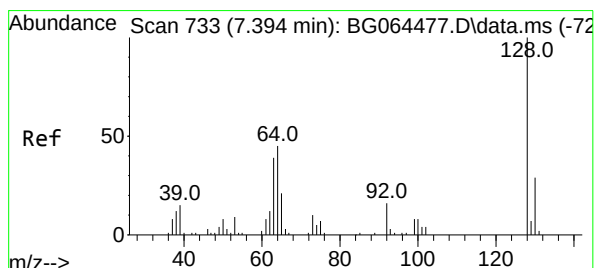
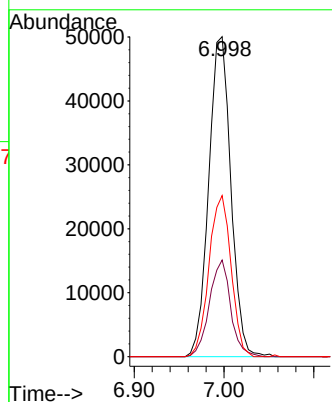
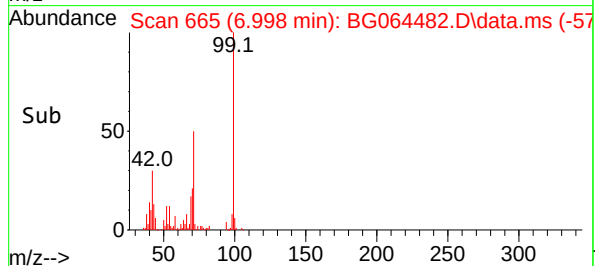
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion: 99 Resp: 86196  
Ion Ratio Lower Upper  
99 100  
42 30.2 22.9 34.3  
71 50.3 35.4 53.2

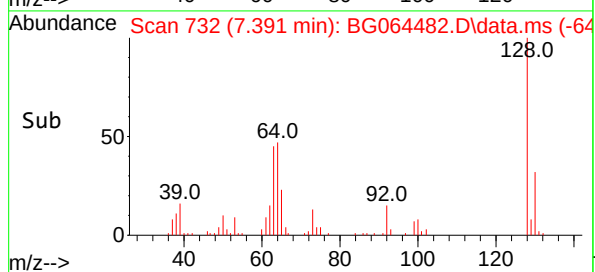
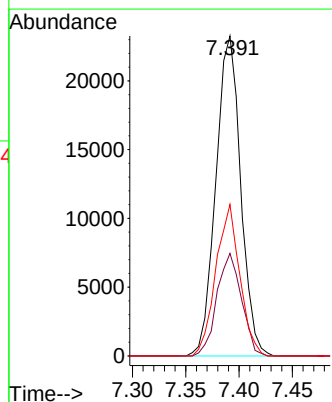
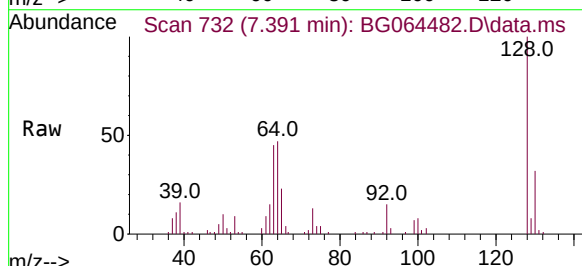
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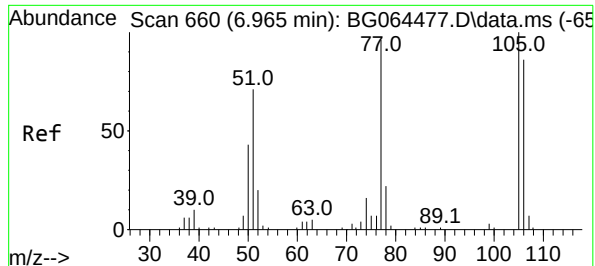
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#8  
2-Chlorophenol  
Concen: 37.094 ng  
RT: 7.391 min Scan# 732  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:128 Resp: 37701  
Ion Ratio Lower Upper  
128 100  
130 32.0 9.2 49.2  
64 47.3 25.5 65.5





#9

Benzaldehyde

Concen: 32.268 ng

RT: 6.963 min Scan# 660

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion: 77 Resp: 31860

Ion Ratio Lower Upper

77 100

105 100.6 83.7 123.7

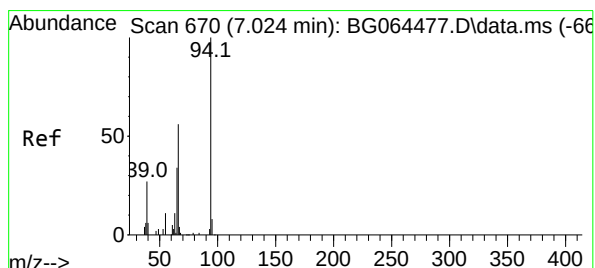
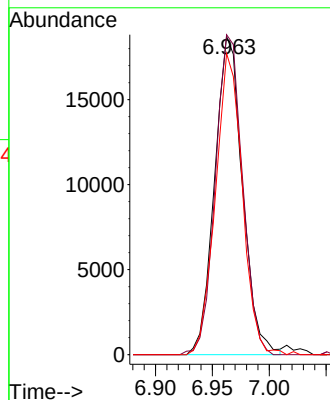
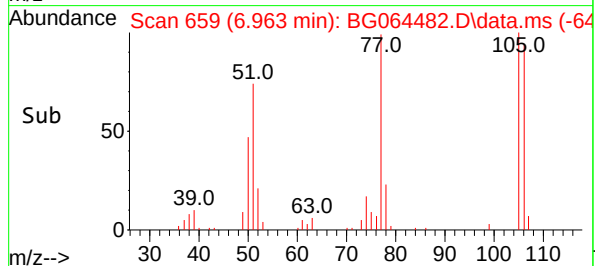
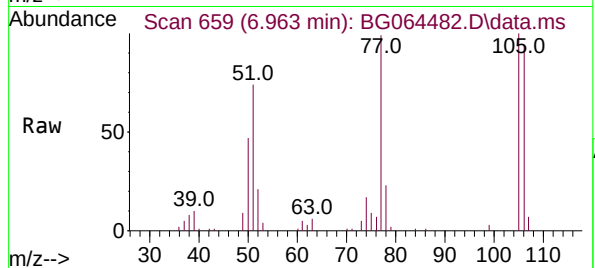
106 94.7 69.4 109.4

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#10

Phenol

Concen: 38.413 ng

RT: 7.021 min Scan# 669

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

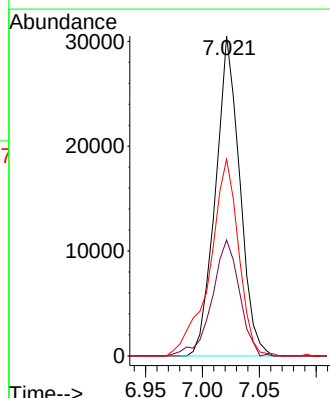
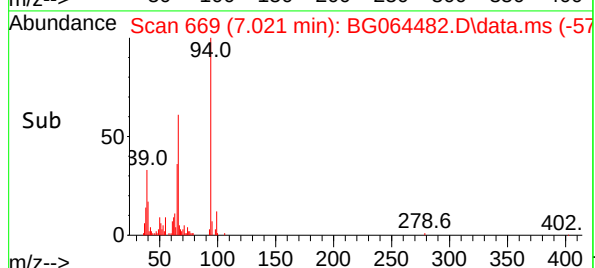
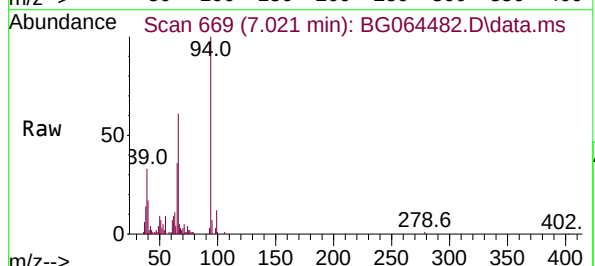
Tgt Ion: 94 Resp: 45072

Ion Ratio Lower Upper

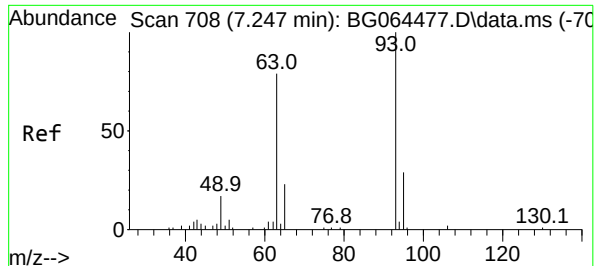
94 100

65 36.2 14.8 54.8

66 61.5 41.4 81.4







#11

bis(2-Chloroethyl)ether

Concen: 37.341 ng

RT: 7.250 min Scan# 708

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion: 93 Resp: 29672

Ion Ratio Lower Upper

93 100

63 78.5 59.5 99.5

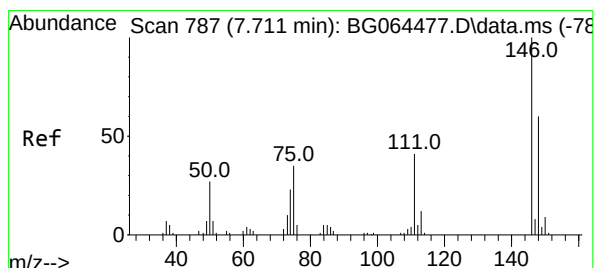
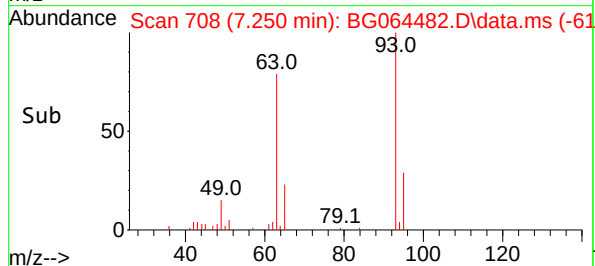
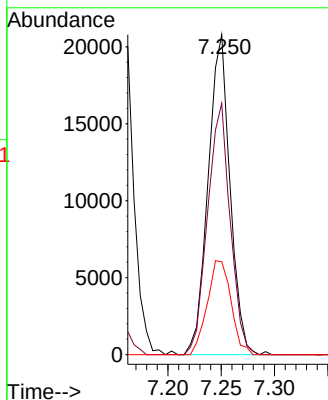
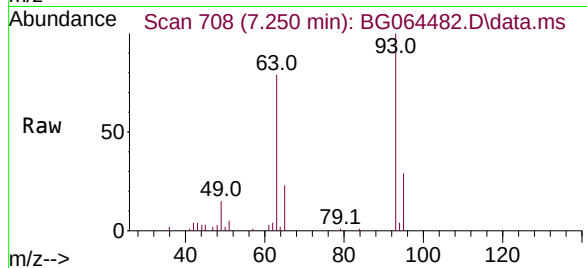
95 29.0 8.8 48.8

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#12

1,3-Dichlorobenzene

Concen: 37.504 ng

RT: 7.715 min Scan# 787

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

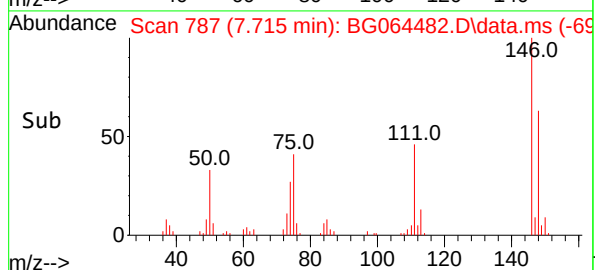
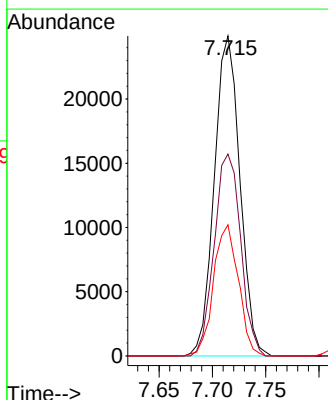
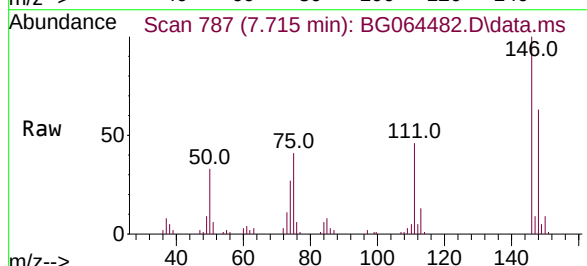
Tgt Ion:146 Resp: 41698

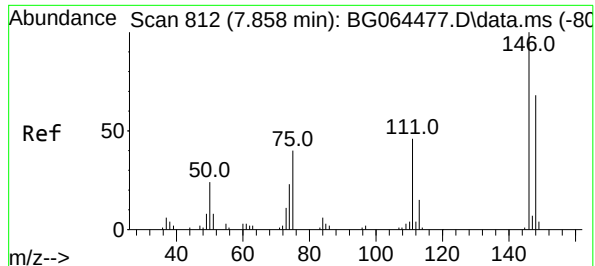
Ion Ratio Lower Upper

146 100

148 63.1 48.4 72.6

75 41.0 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 39.872 ng

RT: 7.856 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion:146 Resp: 44492

Ion Ratio Lower Upper

146 100

148 65.0 54.4 81.6

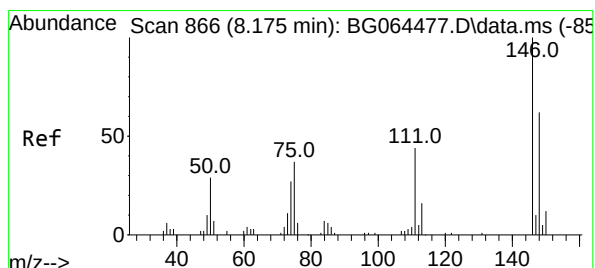
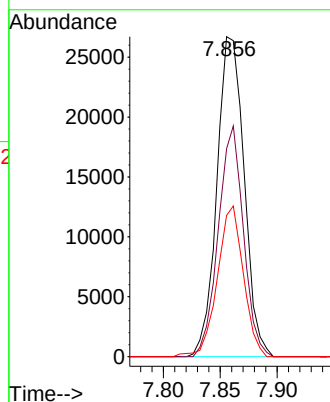
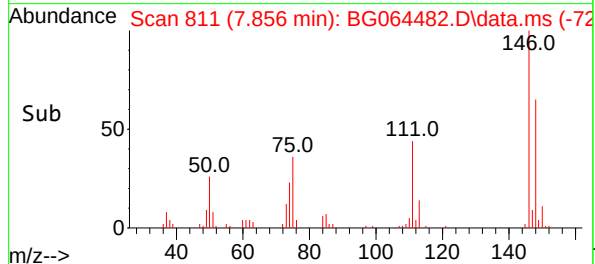
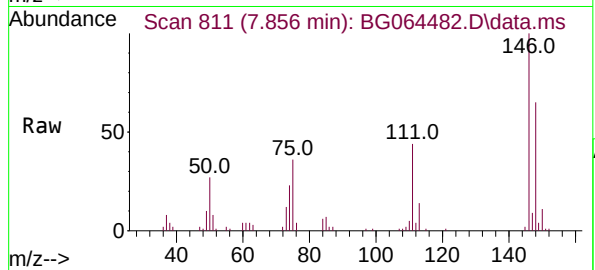
111 44.1 36.5 54.7

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 38.466 ng

RT: 8.173 min Scan# 865

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

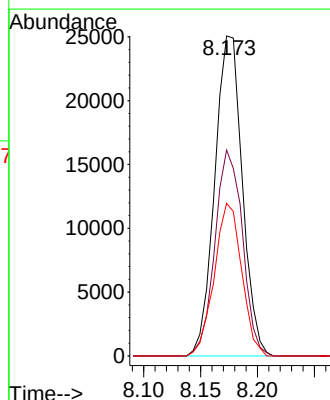
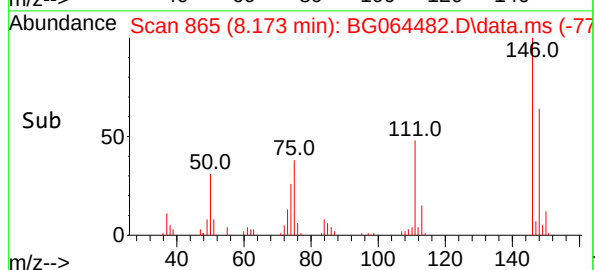
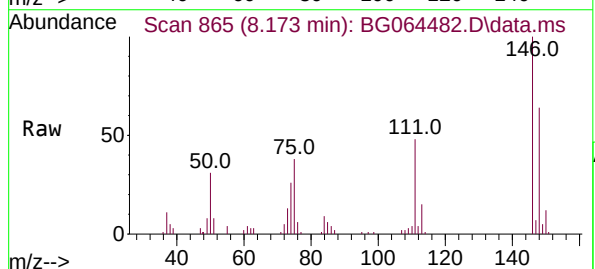
Tgt Ion:146 Resp: 42303

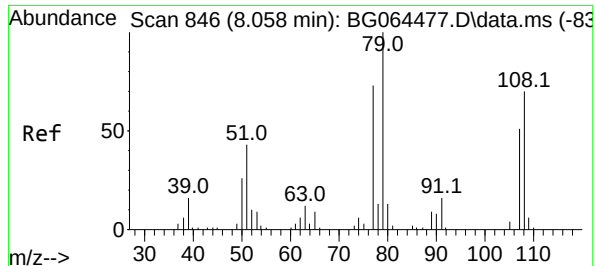
Ion Ratio Lower Upper

146 100

148 64.3 50.0 75.0

111 47.7 35.0 52.4





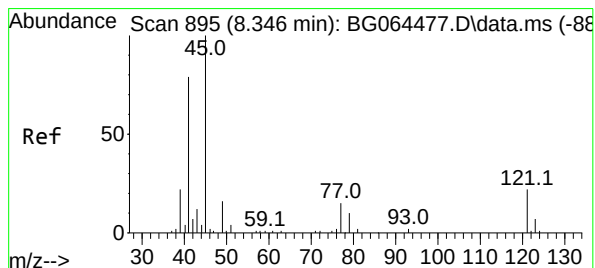
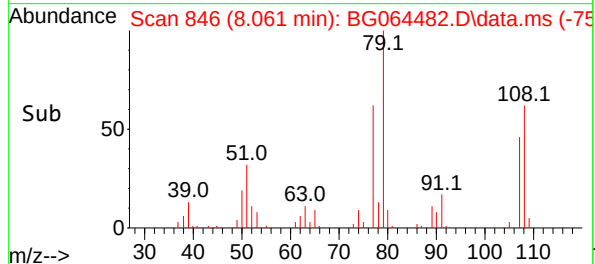
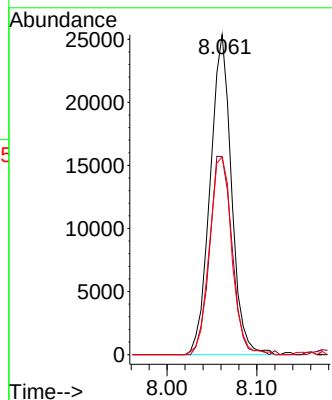
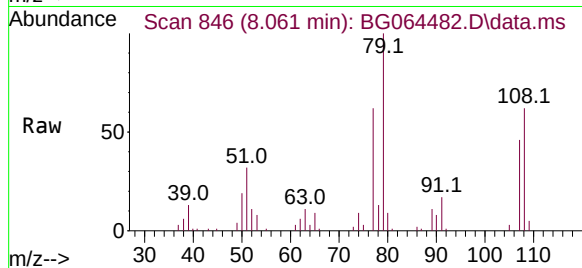
#15  
Benzyl Alcohol  
Concen: 40.756 ng  
RT: 8.061 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225

Tgt Ion: 79 Resp: 41748  
Ion Ratio Lower Upper  
79 100  
108 61.8 56.4 84.6  
77 61.8 58.3 87.5

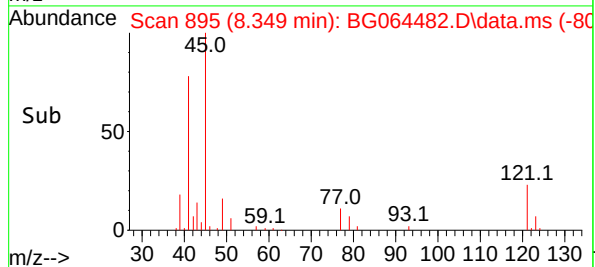
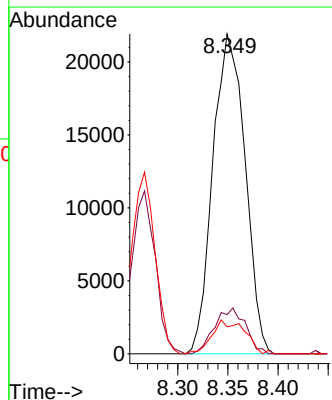
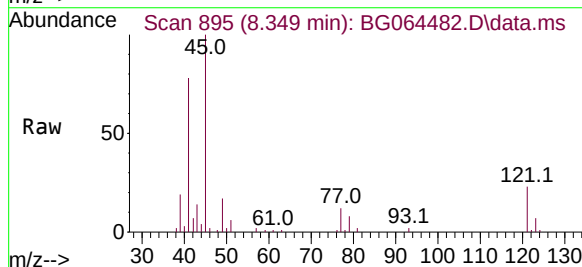
Manual Integrations  
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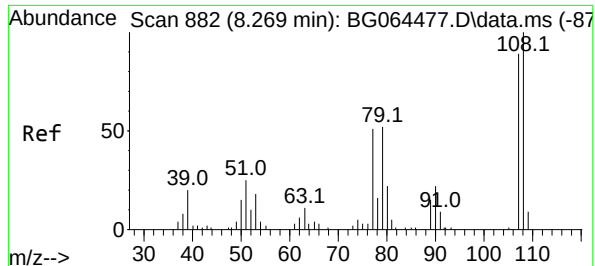
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.204 ng  
RT: 8.349 min Scan# 895  
Delta R.T. 0.012 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion: 45 Resp: 48934  
Ion Ratio Lower Upper  
45 100  
77 12.3 0.0 35.6  
79 8.5 0.0 30.7





#17

2-Methylphenol

Concen: 38.553 ng

RT: 8.267 min Scan# 882

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion:107 Resp: 3275

Ion Ratio Lower Upper

107 100

108 117.2 90.3 135.5

77 53.7 46.0 69.0

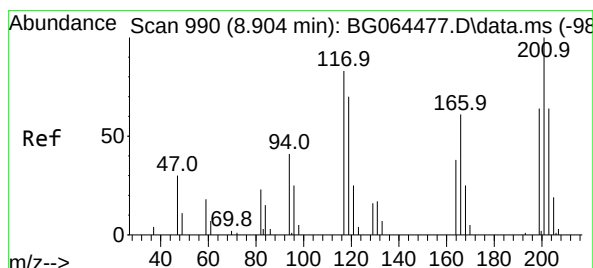
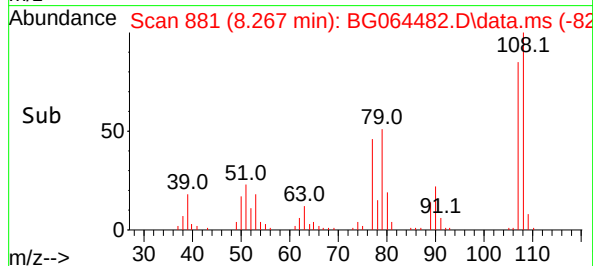
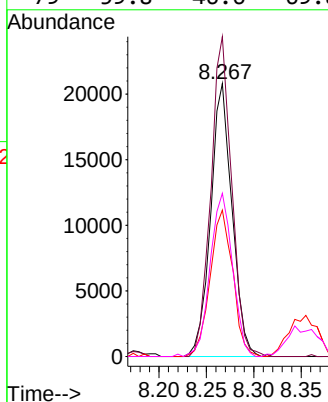
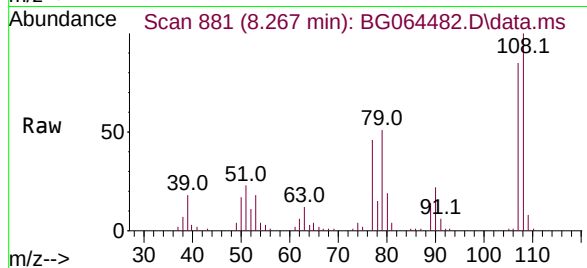
79 59.8 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 37.877 ng

RT: 8.901 min Scan# 989

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

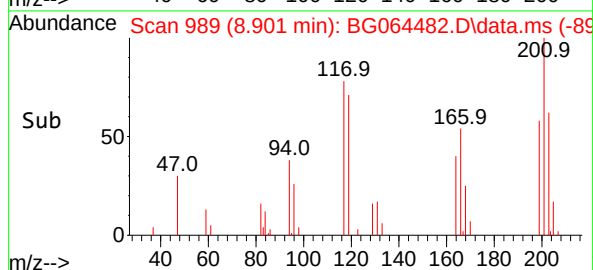
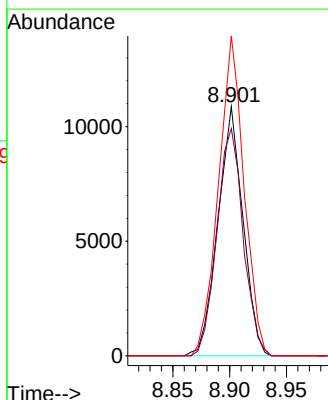
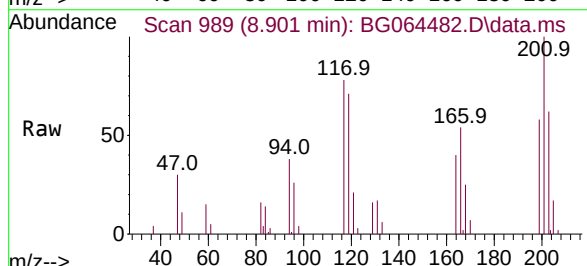
Tgt Ion:117 Resp: 16683

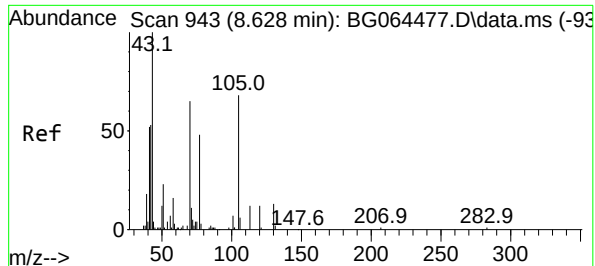
Ion Ratio Lower Upper

117 100

119 91.2 67.4 101.0

201 128.4 95.9 143.9





#19

n-Nitroso-di-n-propylamine

Concen: 40.984 ng

RT: 8.625 min Scan# 94

Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion: 70 Resp: 3048

Ion Ratio Lower Upper

70 100

42 87.6 64.9 97.3

101 10.9 8.7 13.1

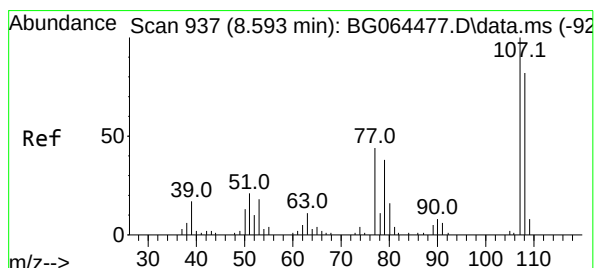
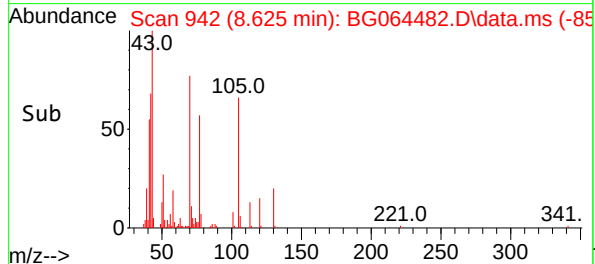
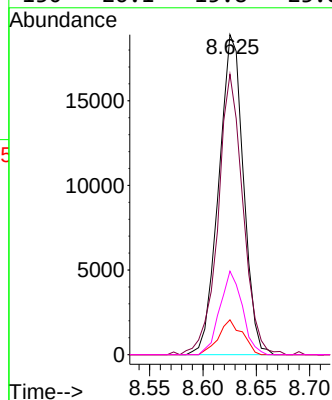
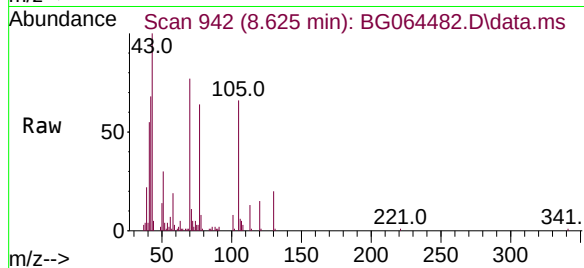
130 26.1 15.8 23.8#

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 38.893 ng

RT: 8.596 min Scan# 937

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:107 Resp: 46114

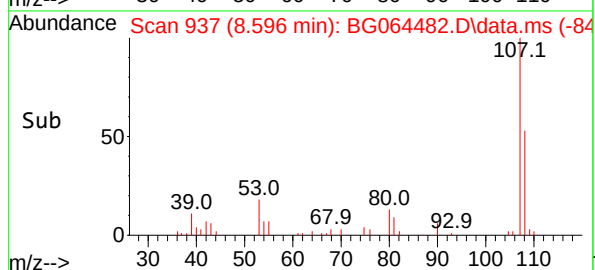
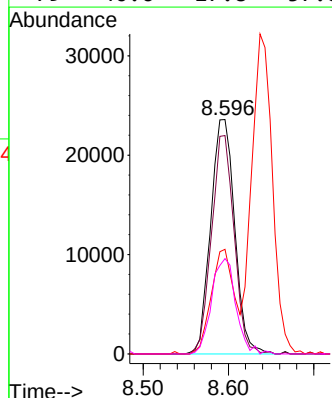
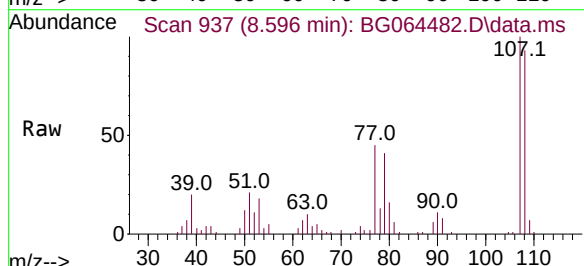
Ion Ratio Lower Upper

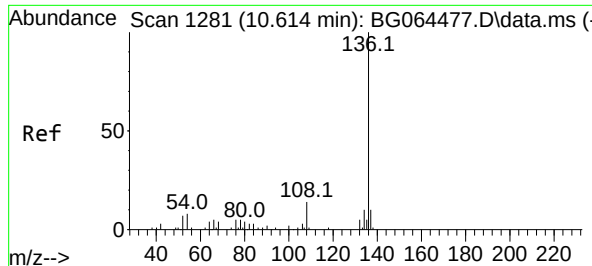
107 100

108 93.1 62.1 102.1

77 44.6 23.5 63.5

79 40.6 17.8 57.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.611 min Scan# 1281

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

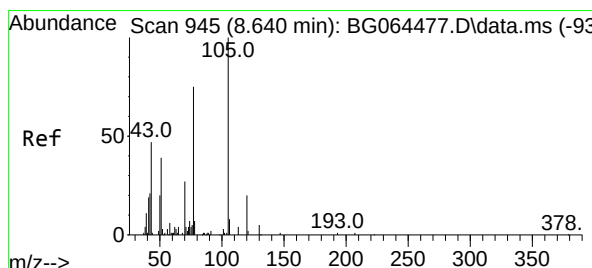
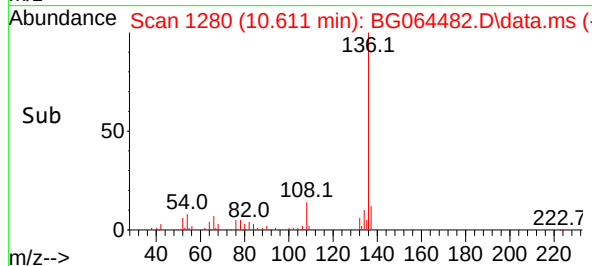
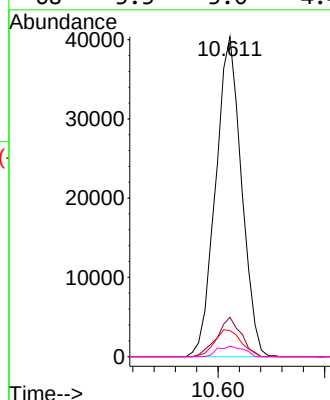
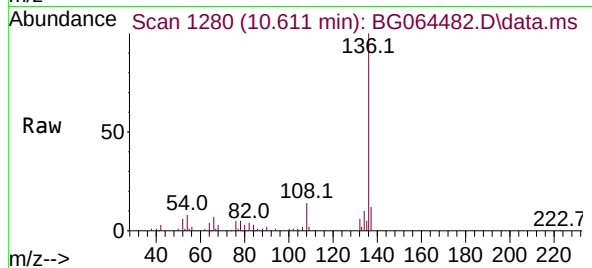
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 68102 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.3  | 8.3   | 12.5  |
| 54        | 8.1   | 6.2   | 9.4   |
| 68        | 3.3   | 3.0   | 4.4   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#22

Acetophenone

Concen: 39.906 ng

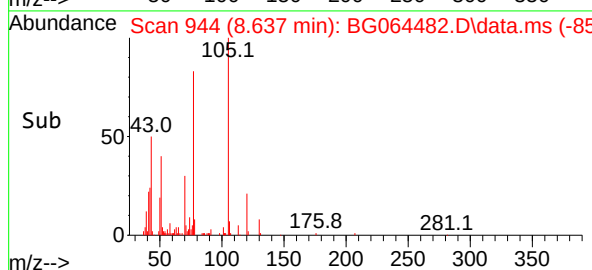
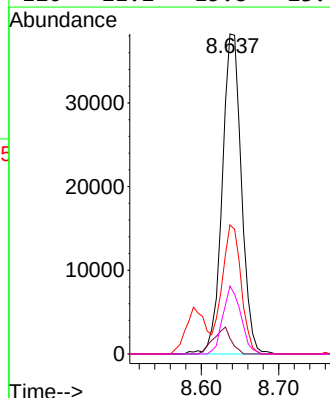
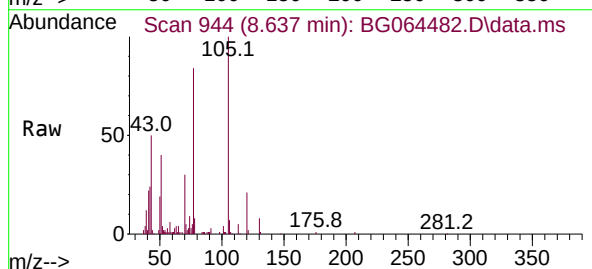
RT: 8.637 min Scan# 944

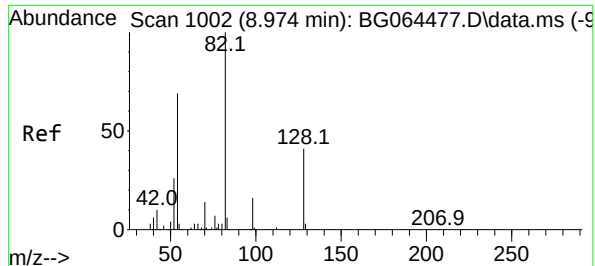
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 65802 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 4.8   | 2.8   | 4.2   |
| 51        | 40.3  | 33.0  | 49.4  |
| 120       | 21.2  | 15.8  | 23.6  |





#23

Nitrobenzene-d5

Concen: 72.999 ng

RT: 8.978 min Scan# 1002

Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

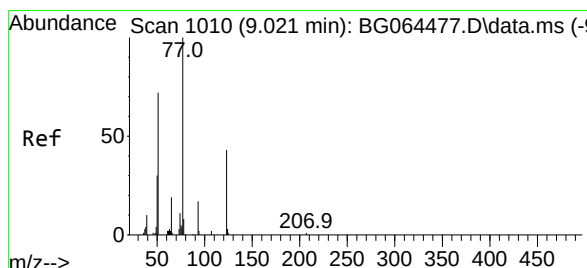
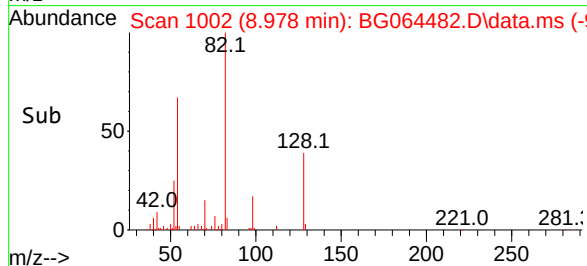
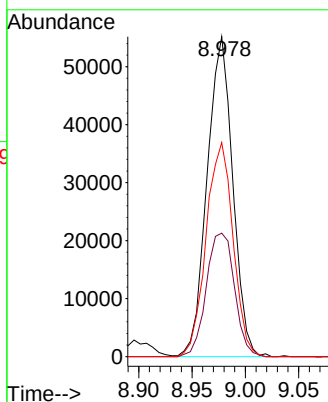
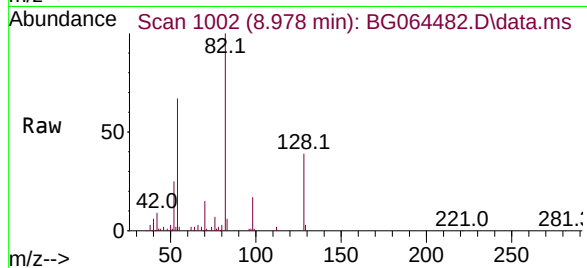
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 9245  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 38.6  | 33.1  | 49.7  |
| 54       | 66.9  | 55.4  | 83.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 37.170 ng

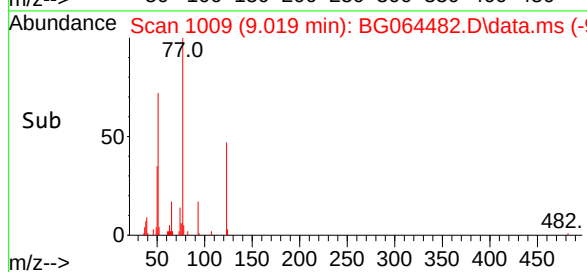
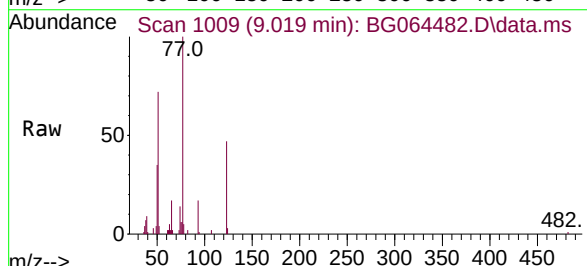
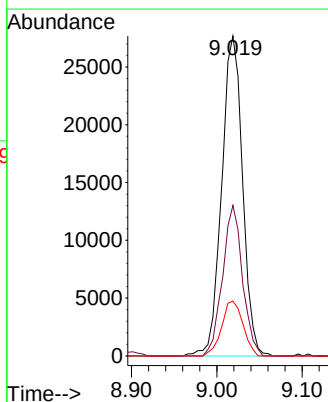
RT: 9.019 min Scan# 1009

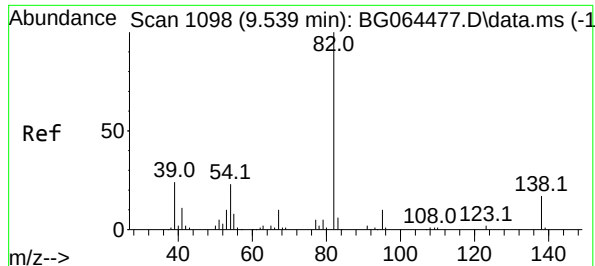
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 46946 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 47.0  | 34.4  | 51.6  |
| 65       | 17.1  | 14.8  | 22.2  |





#25

Isophorone

Concen: 39.198 ng

RT: 9.542 min Scan# 1098

Delta R.T. 0.012 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

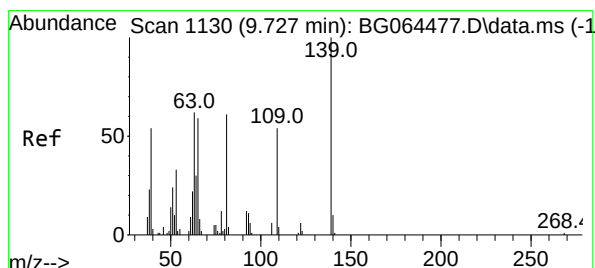
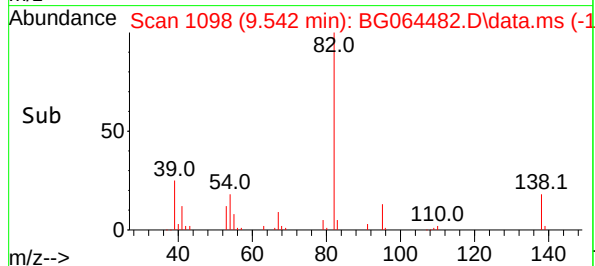
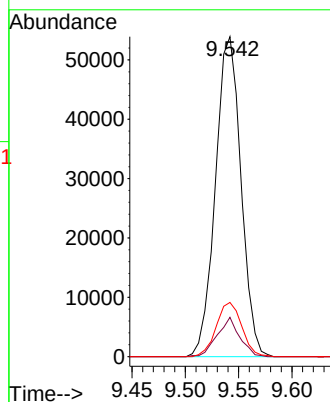
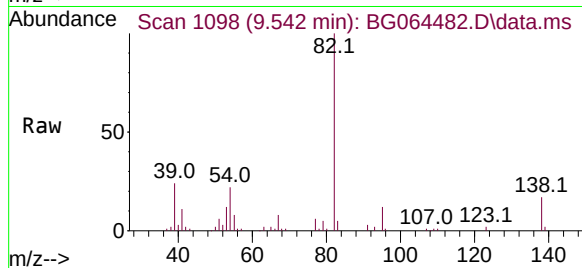
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 8993 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 95        | 12.3  | 7.8   | 11.8 |
| 138       | 16.9  | 13.8  | 20.6 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 35.388 ng

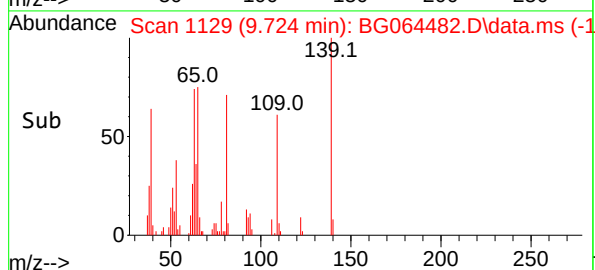
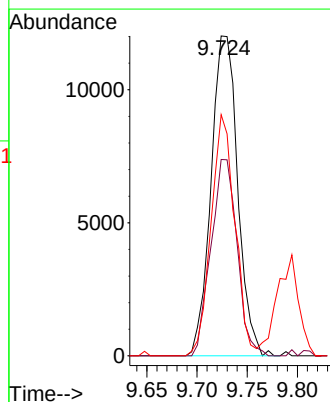
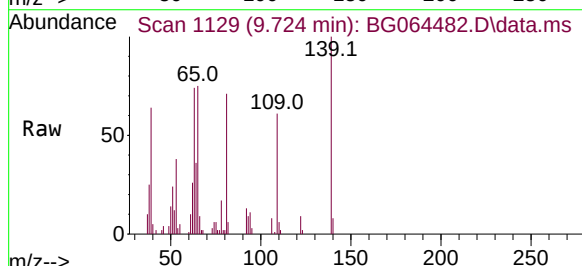
RT: 9.724 min Scan# 1129

Delta R.T. 0.006 min

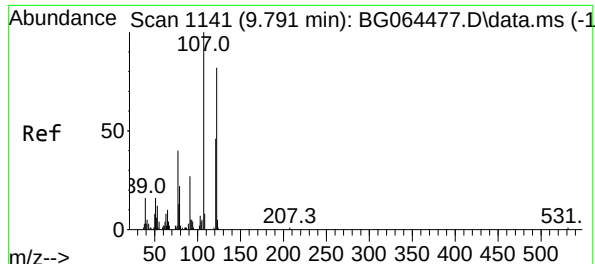
Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 22245 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 61.4  | 43.0  | 64.6  |
| 65        | 75.4  | 47.4  | 71.2  |







#27

2,4-Dimethylphenol

Concen: 41.959 ng

RT: 9.789 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

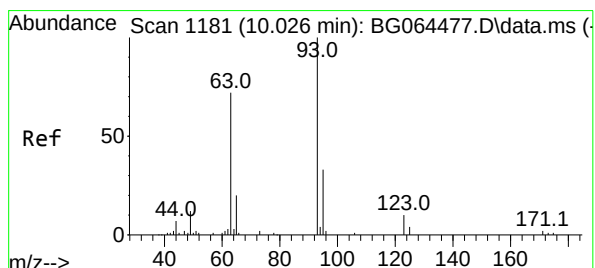
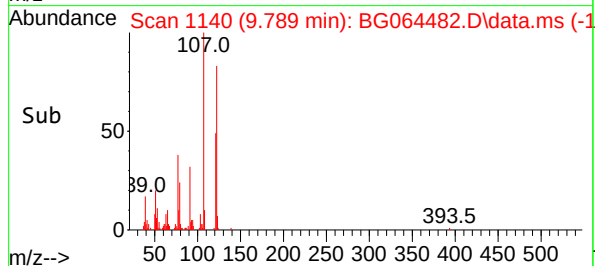
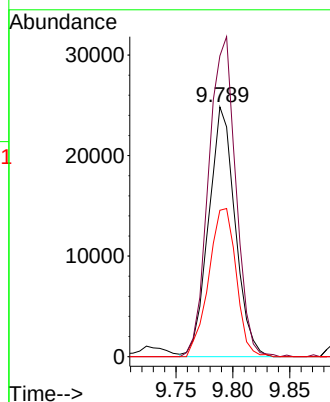
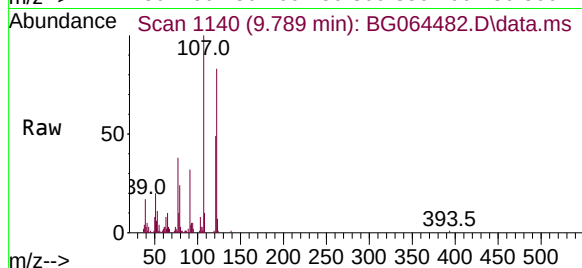
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 40285 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 120.4 | 98.3  | 147.5 |
| 121      | 58.6  | 44.7  | 67.1  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.540 ng

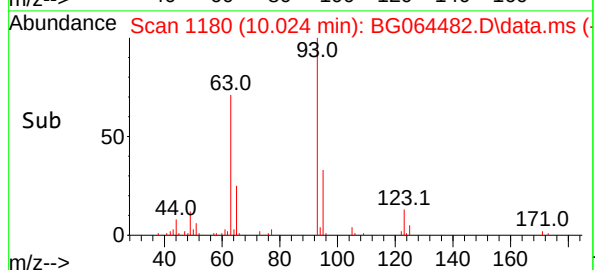
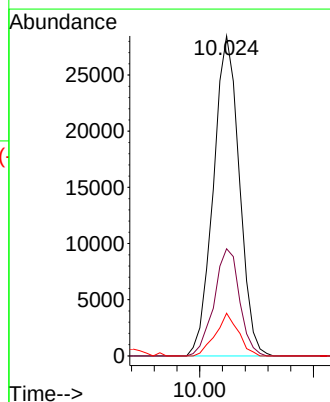
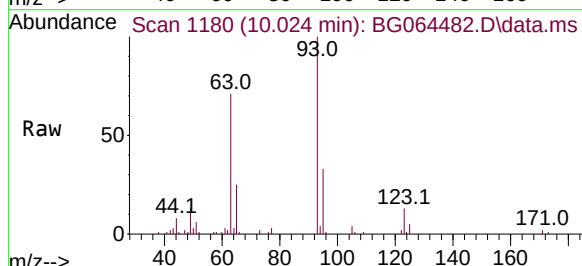
RT: 10.024 min Scan# 1180

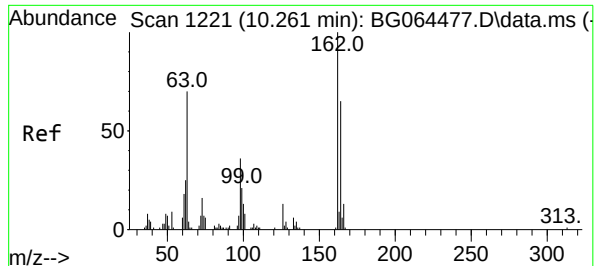
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 45075 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 33.5  | 26.5  | 39.7  |
| 123      | 13.3  | 8.9   | 13.3  |





#29

2,4-Dichlorophenol

Concen: 38.857 ng

RT: 10.259 min Scan# 1221

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

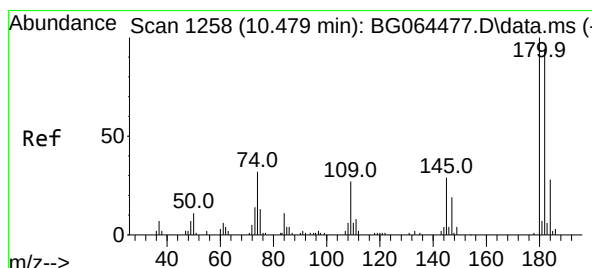
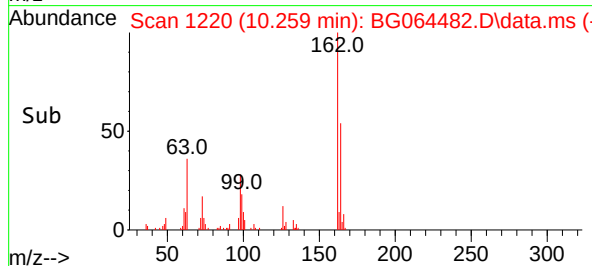
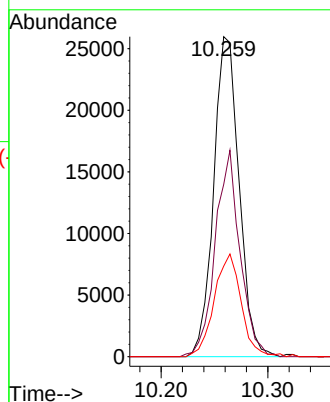
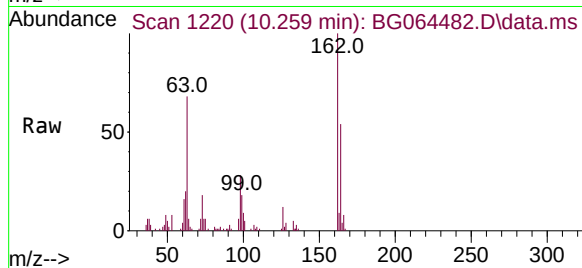
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 4314      |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 53.8  | 45.4 85.4 |
| 98          | 28.3  | 16.4 56.4 |

## Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.743 ng

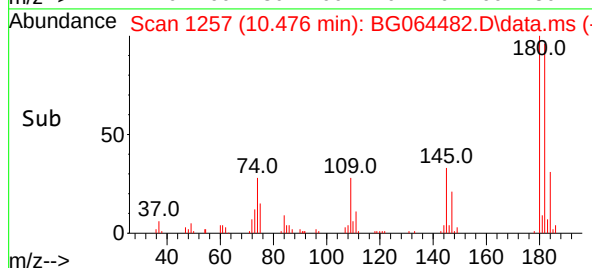
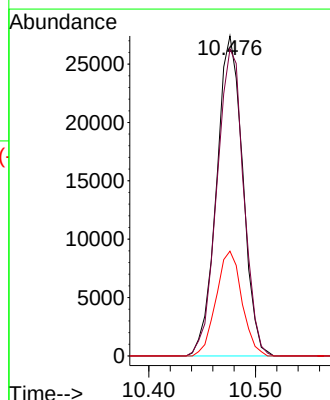
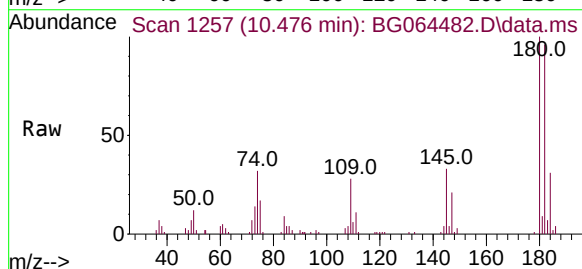
RT: 10.476 min Scan# 1257

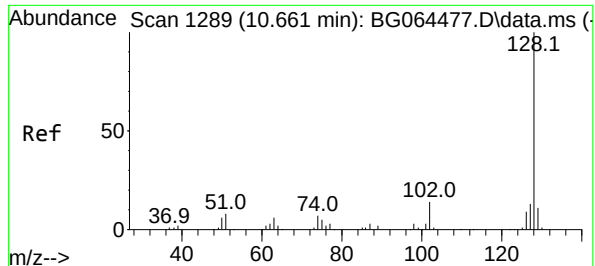
Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

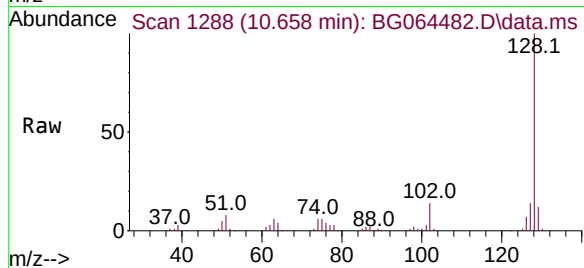
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 46901      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.9  | 75.4 113.2 |
| 145         | 32.7  | 23.2 34.8  |





#31  
Naphthalene  
Concen: 38.491 ng  
RT: 10.658 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

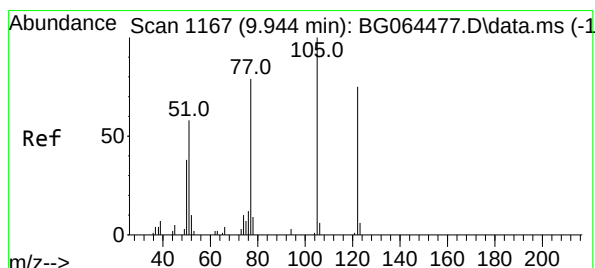
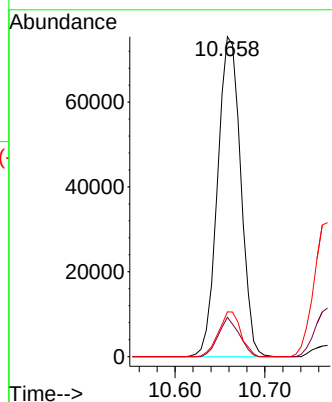
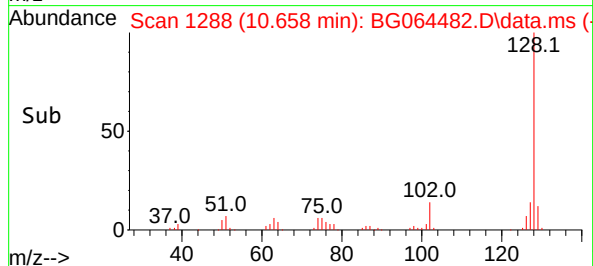
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:128 Resp: 134984  
Ion Ratio Lower Upper  
128 100  
129 12.3 8.7 13.1  
127 14.0 10.2 15.2

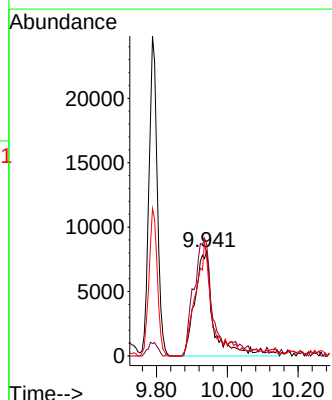
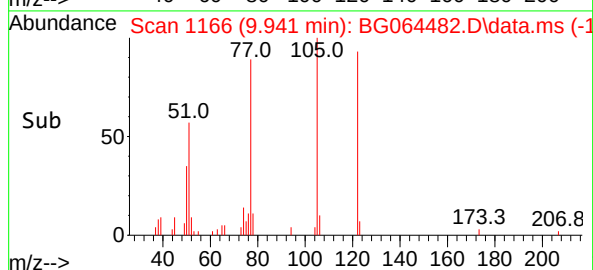
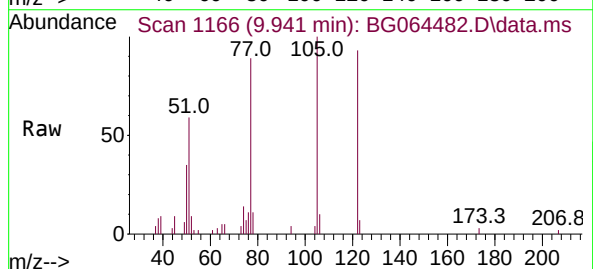
Manual Integrations  
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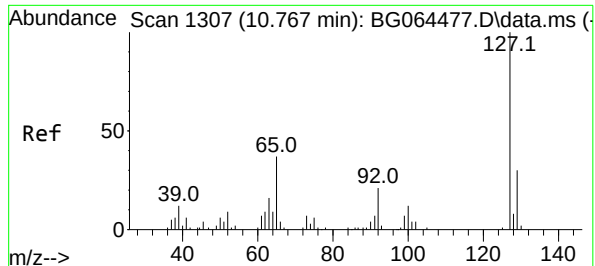
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#32  
Benzoic acid  
Concen: 40.223 ng m  
RT: 9.941 min Scan# 1166  
Delta R.T. 0.053 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

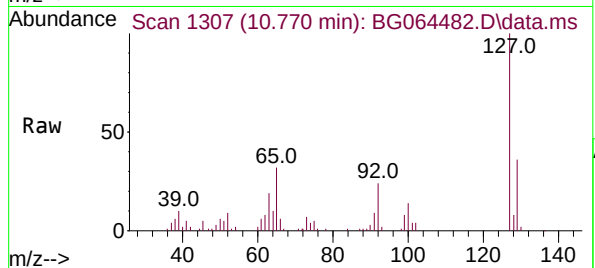
Tgt Ion:122 Resp: 29650  
Ion Ratio Lower Upper  
122 100  
105 107.2 113.9 153.9#  
77 95.1 86.1 126.1





#33  
4-Chloroaniline  
Concen: 42.784 ng  
RT: 10.770 min Scan# 1307  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

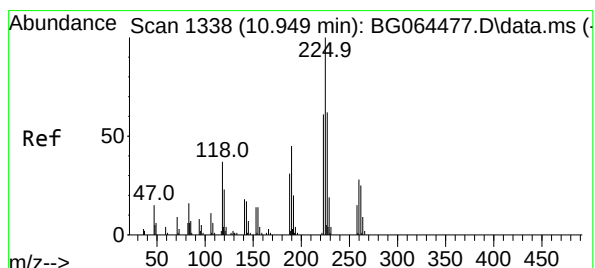
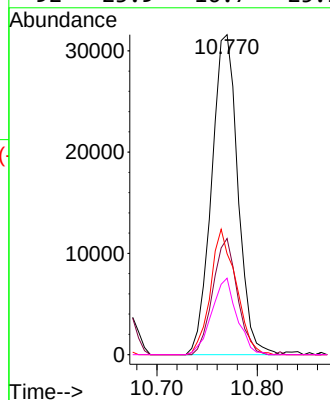
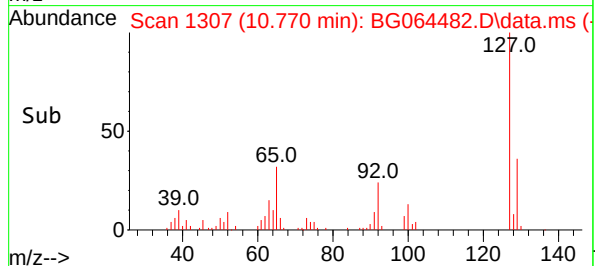
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:127 Resp: 57579  
Ion Ratio Lower Upper  
127 100  
129 36.3 24.2 36.4  
65 31.5 29.6 44.4  
92 23.9 16.7 25.1

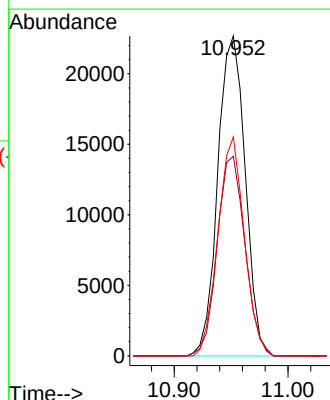
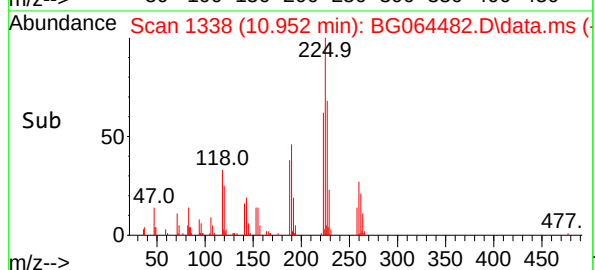
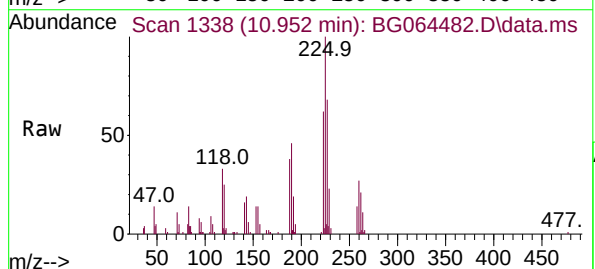
Manual Integrations  
APPROVED

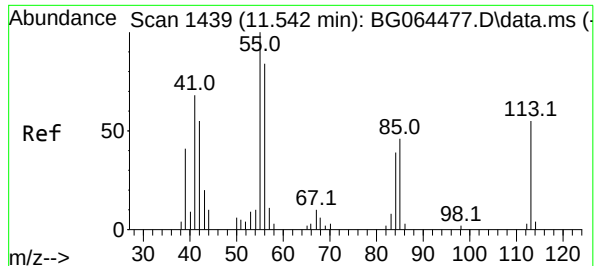
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#34  
Hexachlorobutadiene  
Concen: 36.587 ng  
RT: 10.952 min Scan# 1338  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

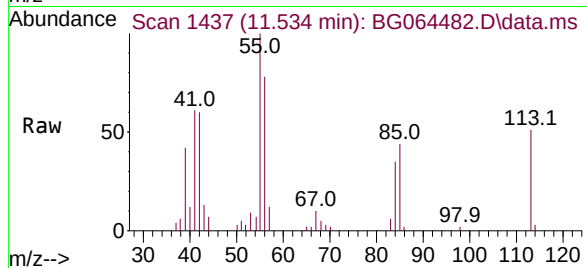
Tgt Ion:225 Resp: 37931  
Ion Ratio Lower Upper  
225 100  
223 65.8 49.0 73.6  
227 68.4 49.9 74.9





#35  
Caprolactam  
Concen: 38.812 ng  
RT: 11.534 min Scan# 1437  
Delta R.T. 0.023 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

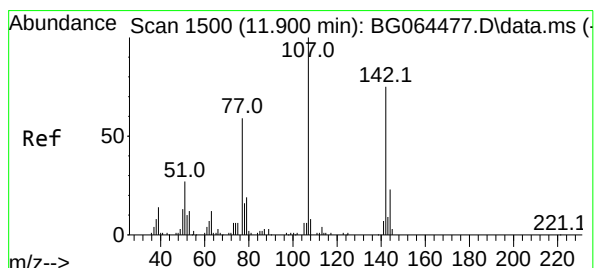
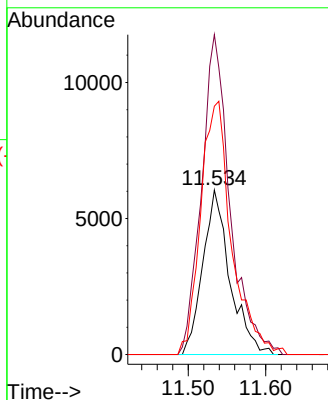
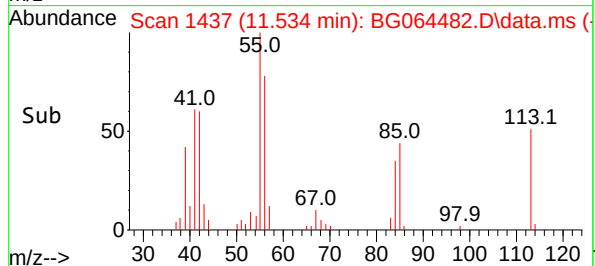
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



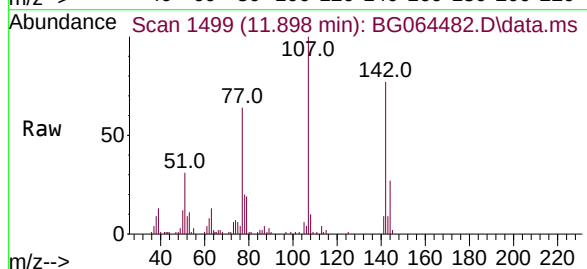
Tgt Ion:113 Resp: 14752  
Ion Ratio Lower Upper  
113 100  
55 194.4 162.0 202.0  
56 150.9 134.6 174.6

Manual Integrations  
APPROVED

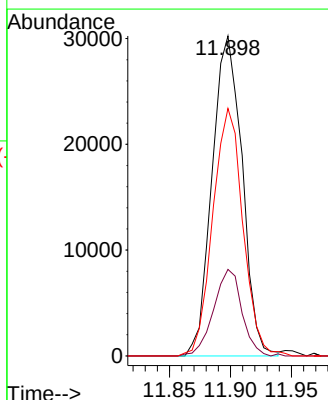
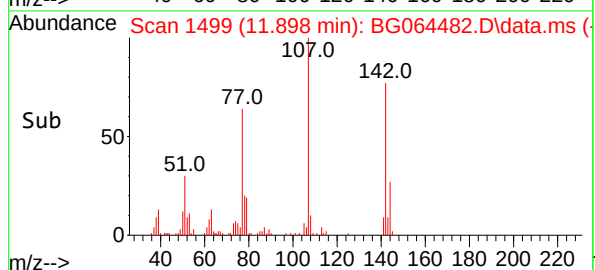
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

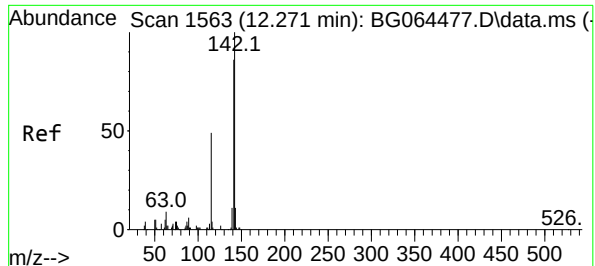


#36  
4-Chloro-3-methylphenol  
Concen: 38.389 ng  
RT: 11.898 min Scan# 1499  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09



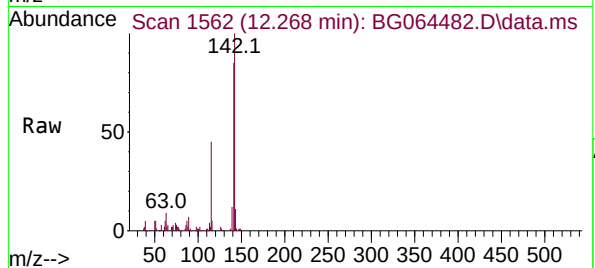
Tgt Ion:107 Resp: 51832  
Ion Ratio Lower Upper  
107 100  
144 27.0 18.7 28.1  
142 77.3 60.2 90.2





#37  
2-Methylnaphthalene  
Concen: 35.191 ng  
RT: 12.268 min Scan# 1563  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

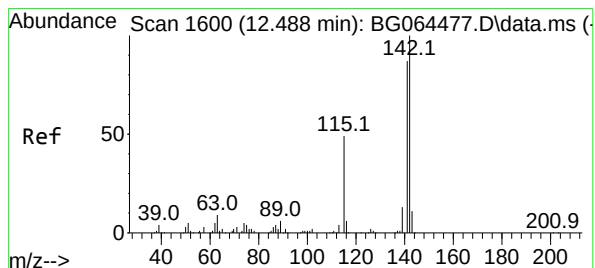
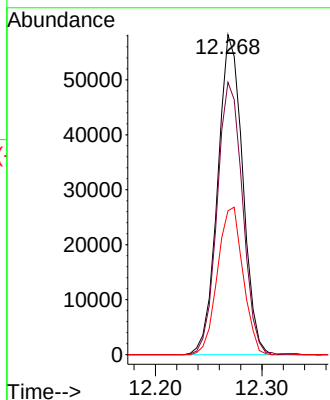
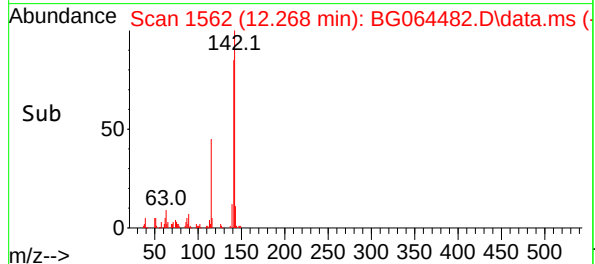
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:142 Resp: 94732  
Ion Ratio Lower Upper  
142 100  
141 85.1 68.7 103.1  
115 44.9 39.3 58.9

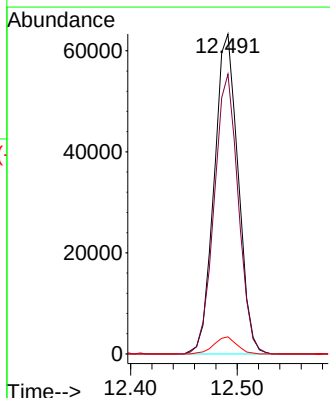
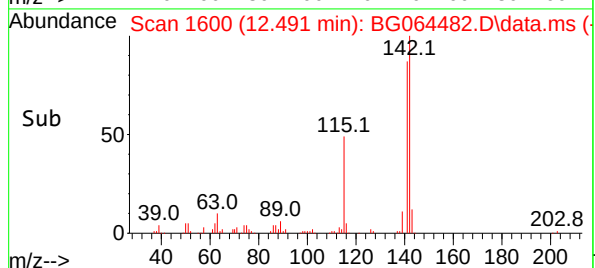
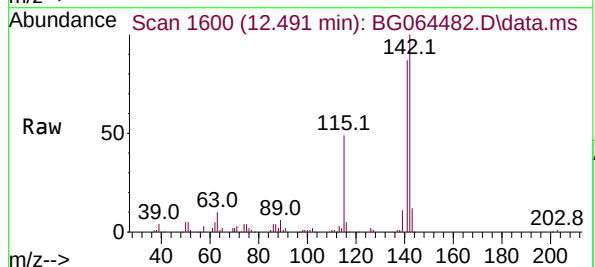
Manual Integrations  
APPROVED

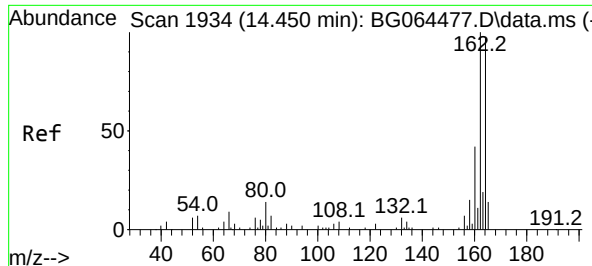
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#38  
1-Methylnaphthalene  
Concen: 36.933 ng  
RT: 12.491 min Scan# 1600  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:142 Resp: 99137  
Ion Ratio Lower Upper  
142 100  
141 87.4 69.8 104.8  
116 5.3 4.6 6.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.448 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BG064482.D

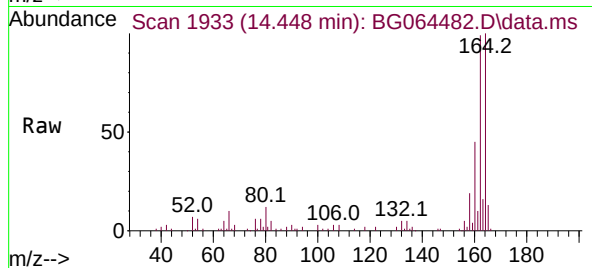
Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225



Tgt Ion:164 Resp: 53704

Ion Ratio Lower Upper

164 100

162 98.6 82.2 123.2

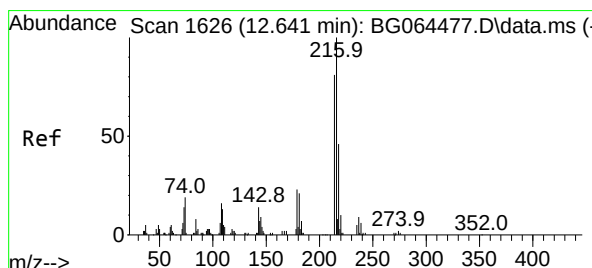
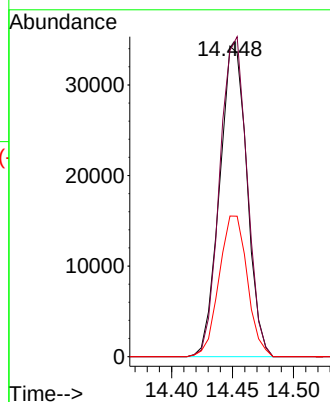
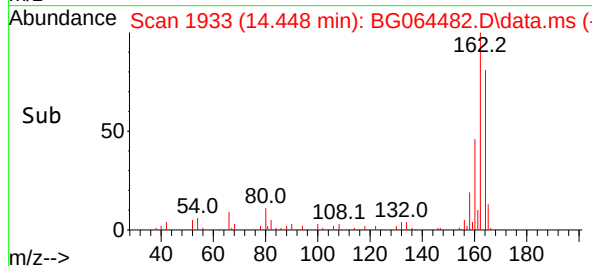
160 45.3 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.511 ng

RT: 12.644 min Scan# 1626

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Tgt Ion:216 Resp: 66779

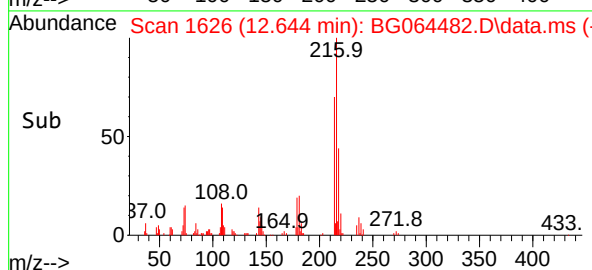
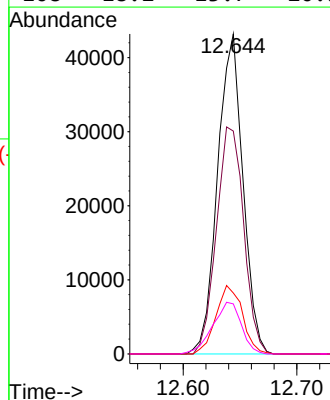
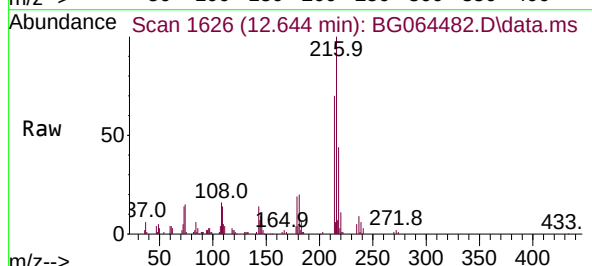
Ion Ratio Lower Upper

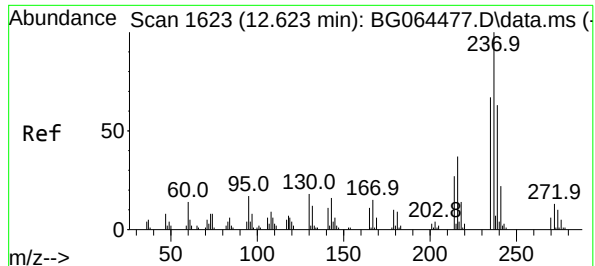
216 100

214 76.2 62.5 93.7

179 22.3 17.0 25.6

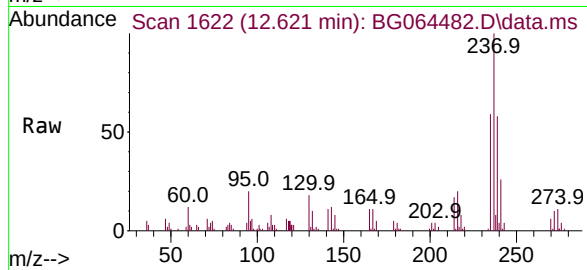
108 18.2 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 50.483 ng  
RT: 12.621 min Scan# 1623  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

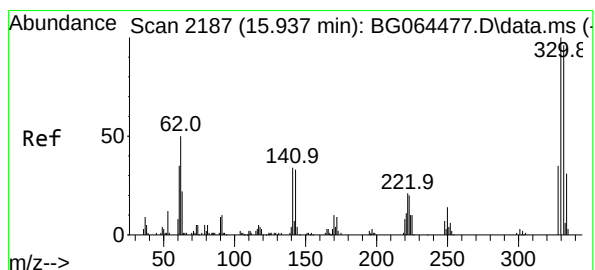
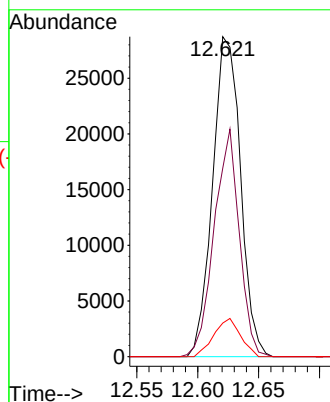
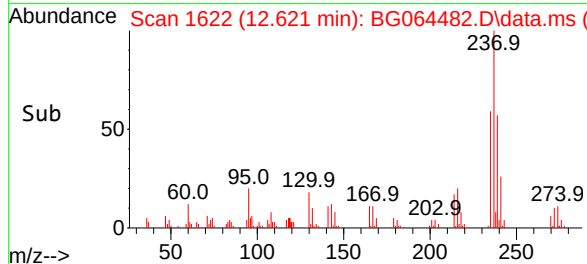
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:237 Resp: 45790  
Ion Ratio Lower Upper  
237 100  
235 58.9 46.9 86.9  
272 10.5 0.0 32.6

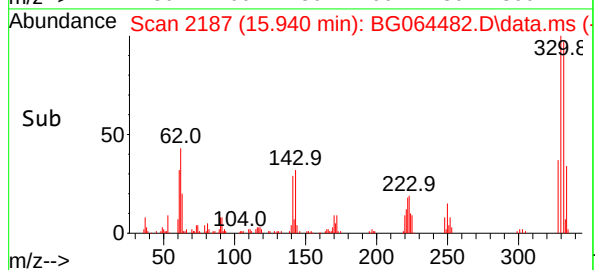
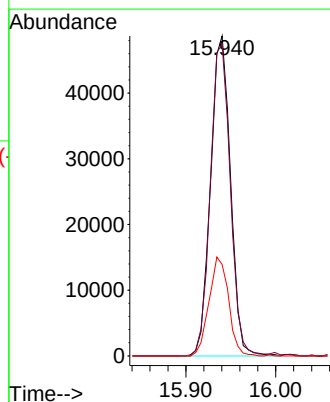
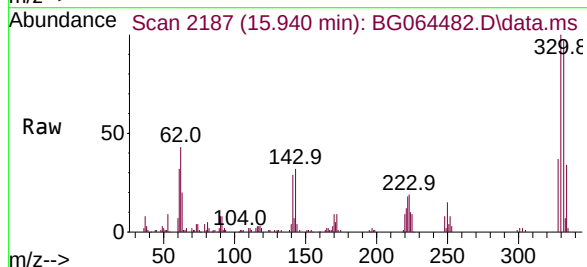
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

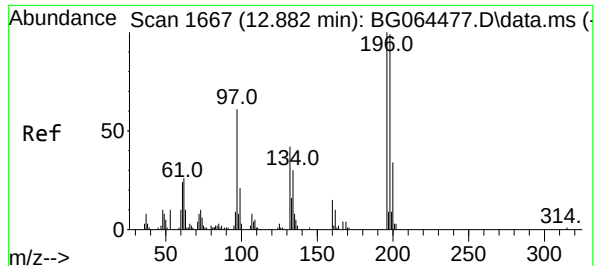


#42  
2,4,6-Tribromophenol  
Concen: 76.705 ng  
RT: 15.940 min Scan# 2187  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:330 Resp: 74669  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.4 116.0  
141 30.4 25.8 38.6







#43

2,4,6-Trichlorophenol

Concen: 39.030 ng

RT: 12.879 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

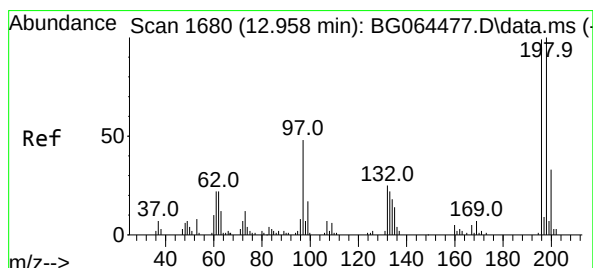
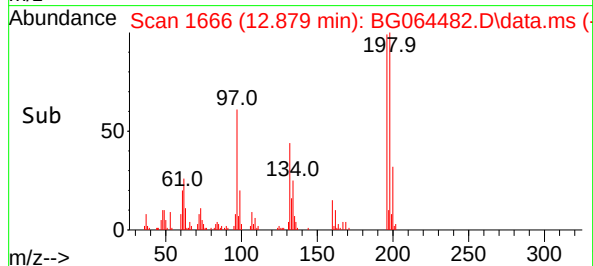
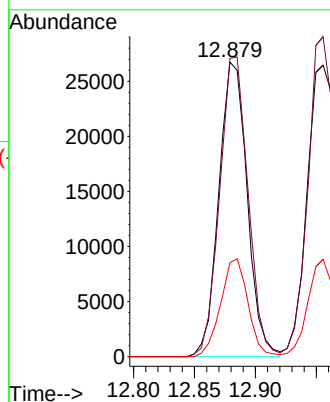
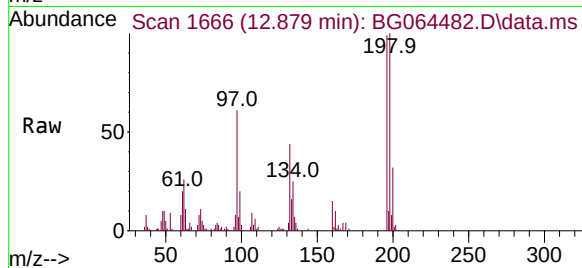
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 43264      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 101.3 | 79.3 118.9 |
| 200         | 31.9  | 27.4 41.2  |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 37.827 ng

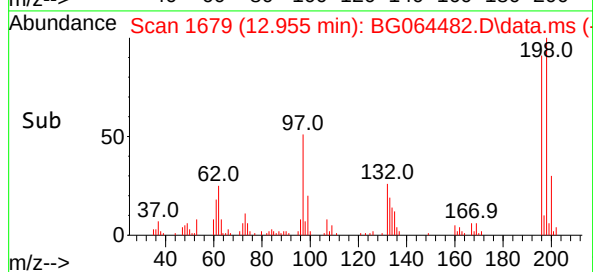
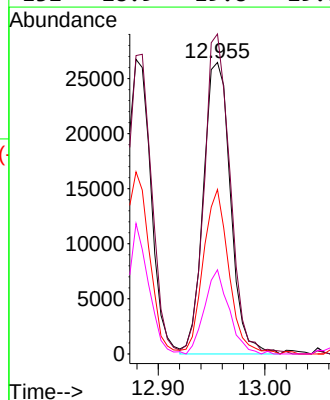
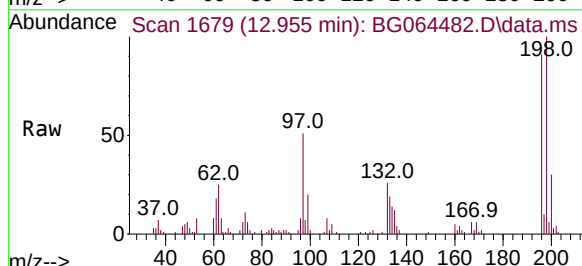
RT: 12.955 min Scan# 1679

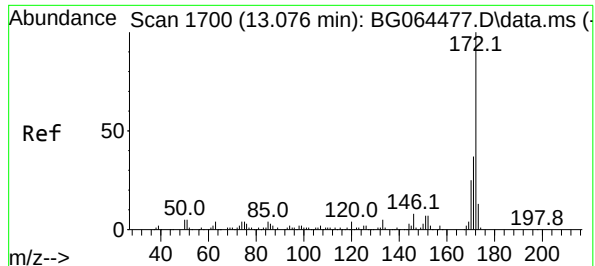
Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

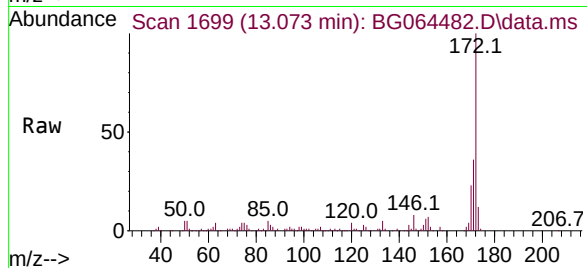
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 46812      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 109.8 | 80.3 120.5 |
| 97          | 56.4  | 39.4 59.0  |
| 132         | 28.9  | 19.8 29.8  |





#45  
2-Fluorobiphenyl  
Concen: 74.539 ng  
RT: 13.073 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

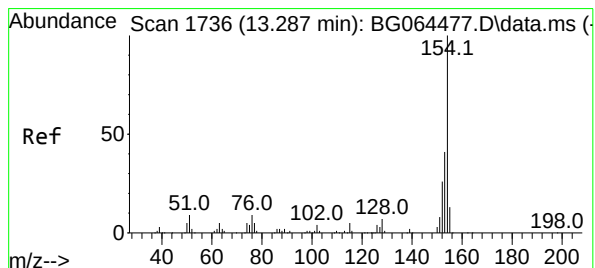
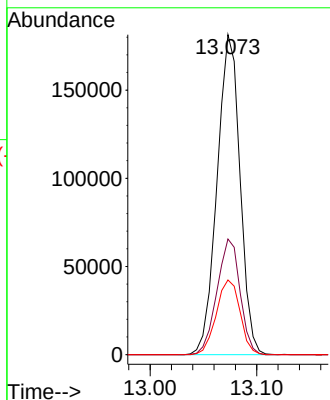
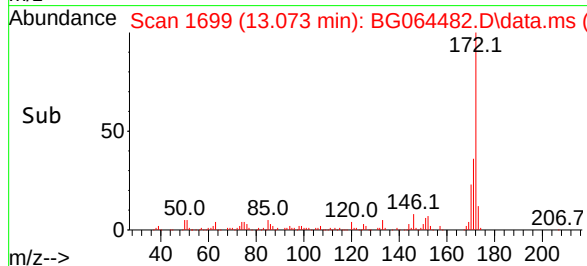
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:172 Resp: 271576  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 23.4 20.2 30.2

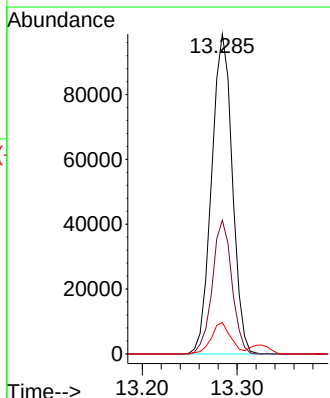
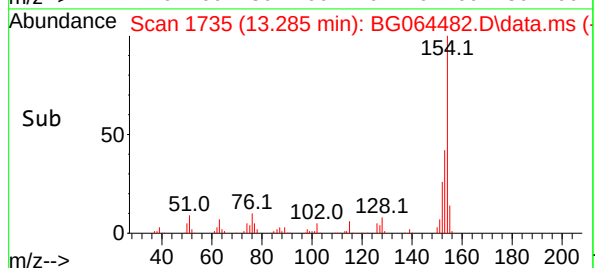
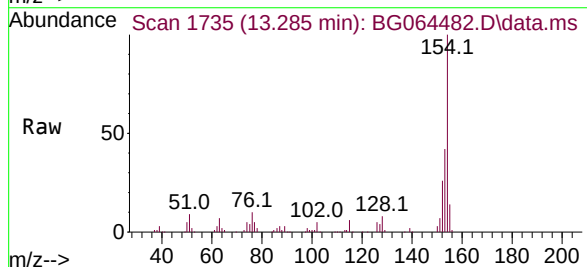
Manual Integrations  
APPROVED

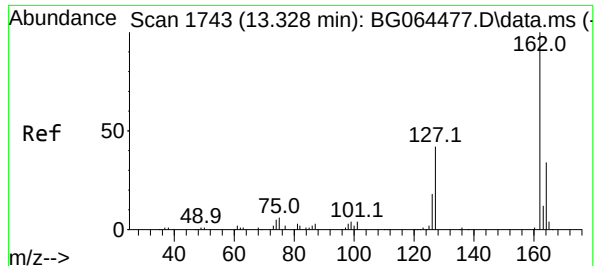
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#46  
1,1'-Biphenyl  
Concen: 38.735 ng  
RT: 13.285 min Scan# 1735  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:154 Resp: 149616  
Ion Ratio Lower Upper  
154 100  
153 41.8 20.7 60.7  
76 9.8 0.0 29.3





#47

2-Chloronaphthalene

Concen: 37.716 ng

RT: 13.326 min Scan# 1743

Delta R.T. 0.006 min

Lab File: BG064482.D

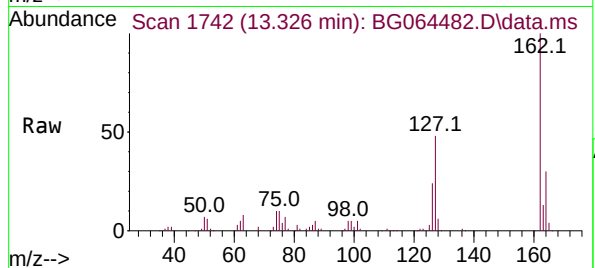
Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225



Tgt Ion:162 Resp: 108769

Ion Ratio Lower Upper

162 100

127 47.7 35.8 53.8

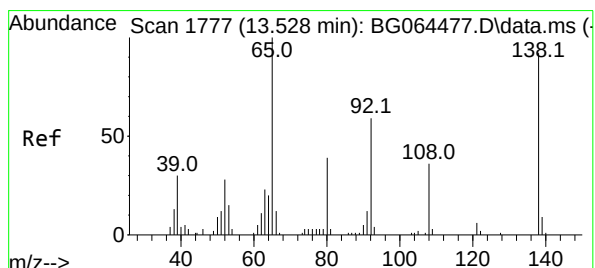
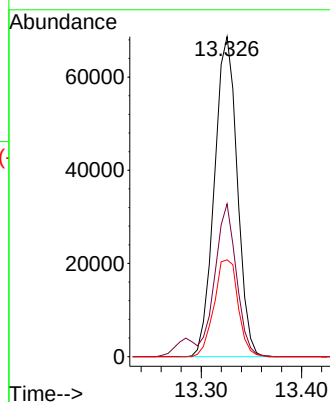
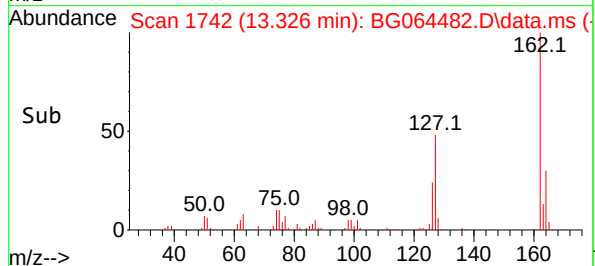
164 30.2 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 39.151 ng

RT: 13.531 min Scan# 1777

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

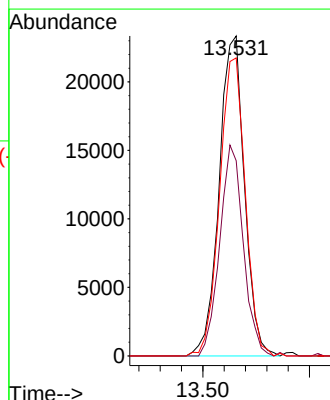
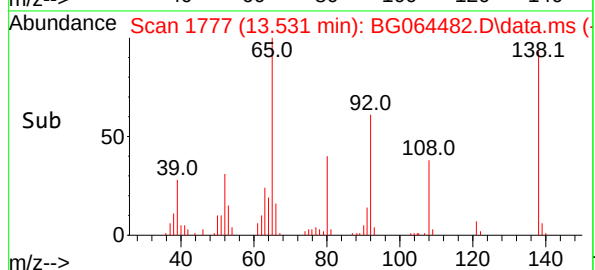
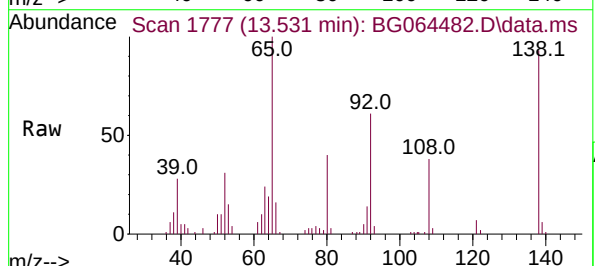
Tgt Ion: 65 Resp: 38535

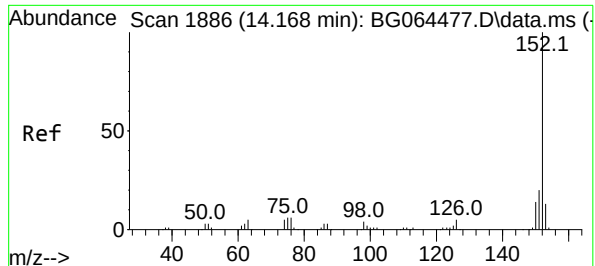
Ion Ratio Lower Upper

65 100

92 61.0 47.0 70.6

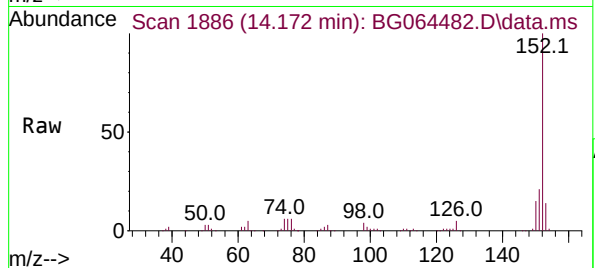
138 93.2 73.5 110.3





#49  
Acenaphthylene  
Concen: 43.842 ng  
RT: 14.172 min Scan# 1886  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

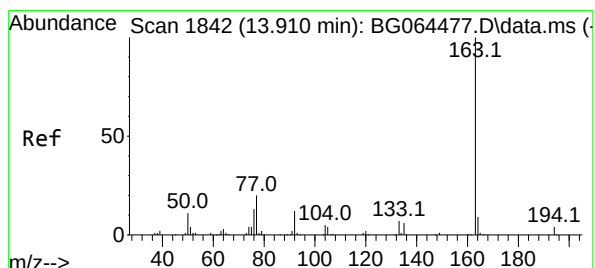
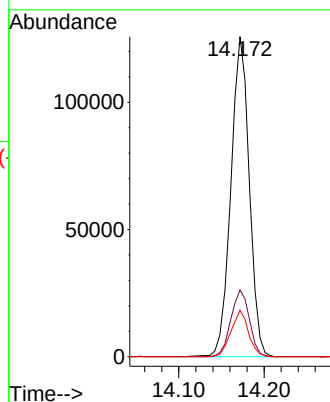
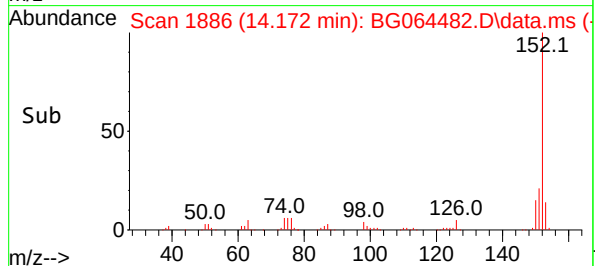
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:152 Resp: 187686  
Ion Ratio Lower Upper  
152 100  
151 20.8 15.8 23.6  
153 14.5 10.6 15.8

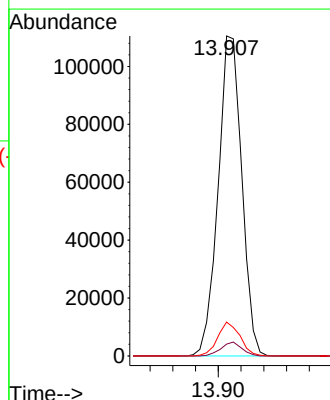
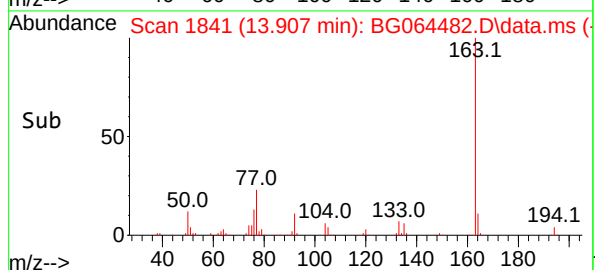
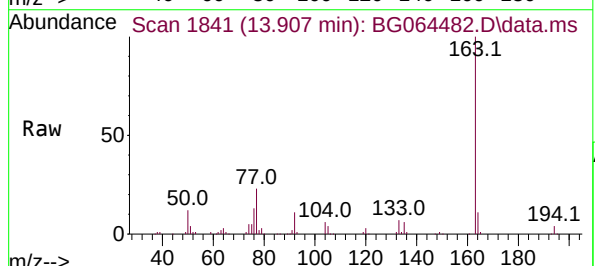
Manual Integrations  
APPROVED

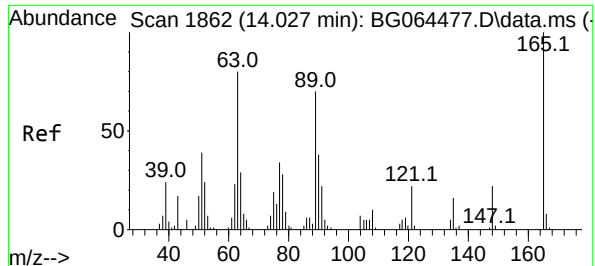
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#50  
Dimethylphthalate  
Concen: 37.903 ng  
RT: 13.907 min Scan# 1841  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:163 Resp: 159424  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.9 4.3  
164 10.6 7.4 11.0





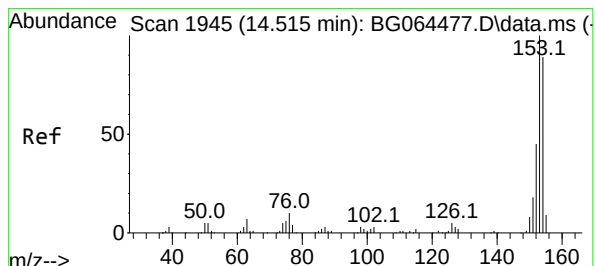
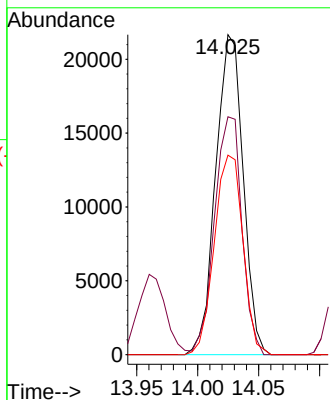
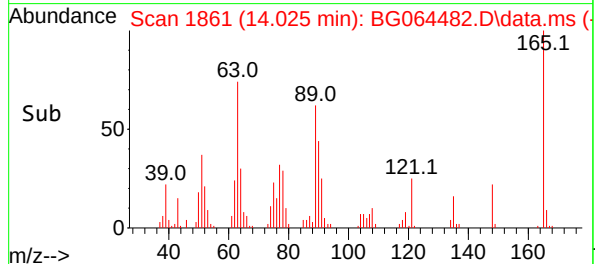
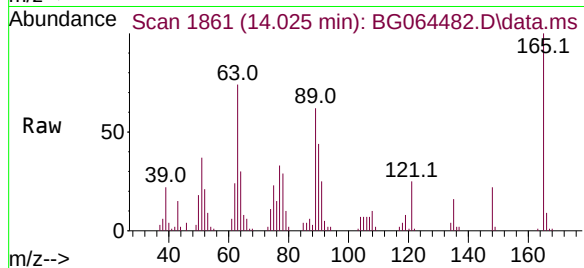
#51  
2,6-Dinitrotoluene  
Concen: 38.742 ng  
RT: 14.025 min Scan# 1862  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225

Tgt Ion:165 Resp: 33945  
Ion Ratio Lower Upper  
165 100  
63 74.3 63.9 95.9  
89 62.3 56.1 84.1

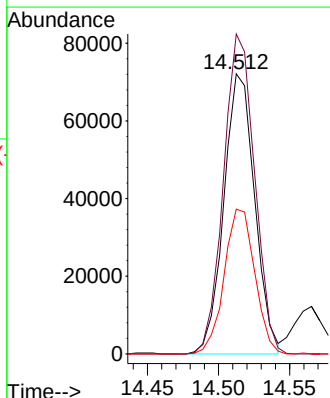
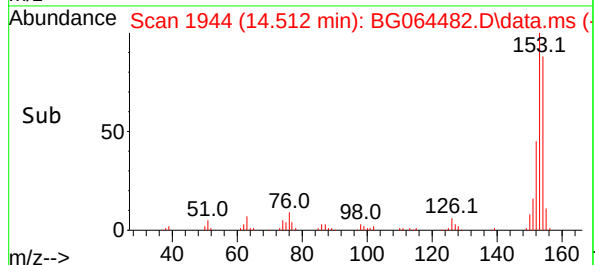
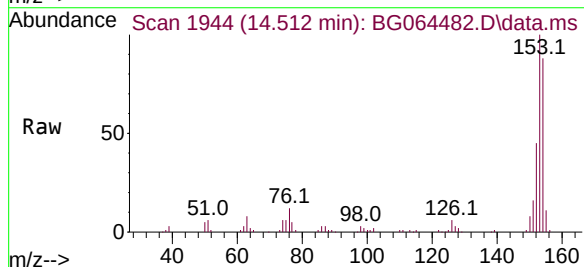
Manual Integrations  
APPROVED

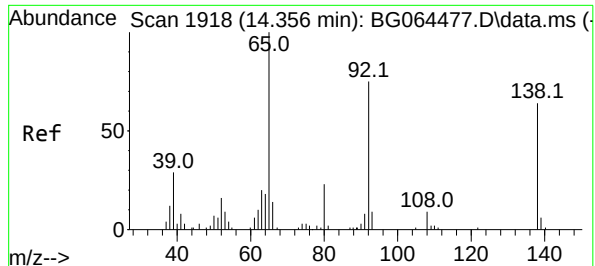
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#52  
Acenaphthene  
Concen: 36.666 ng  
RT: 14.512 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

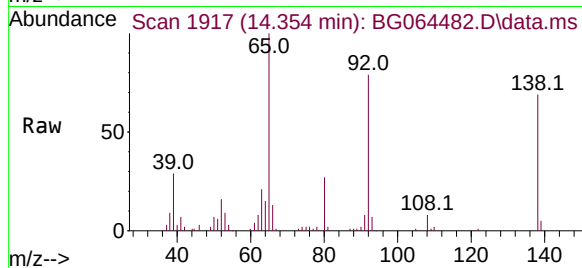
Tgt Ion:154 Resp: 109054  
Ion Ratio Lower Upper  
154 100  
153 114.2 90.2 135.4  
152 51.7 40.2 60.4





#53  
3-Nitroaniline  
Concen: 40.727 ng  
RT: 14.354 min Scan# 1918  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

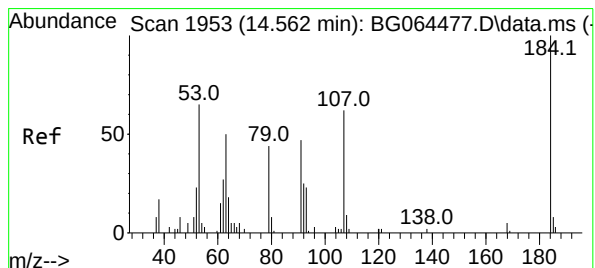
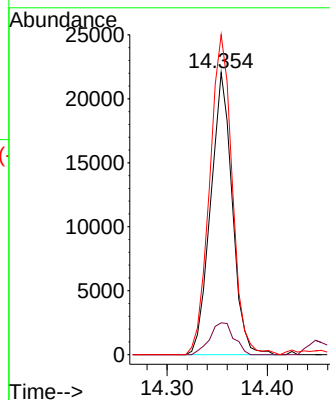
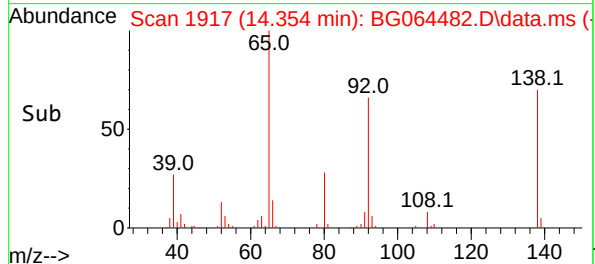
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:138 Resp: 32910  
Ion Ratio Lower Upper  
138 100  
108 11.2 10.6 15.8  
92 113.5 93.2 139.8

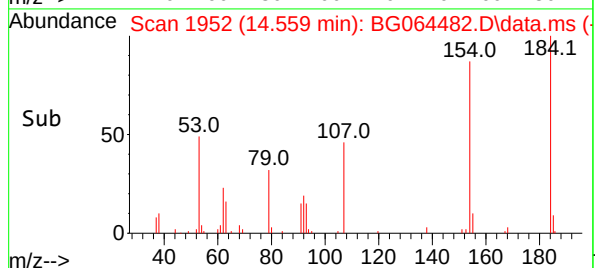
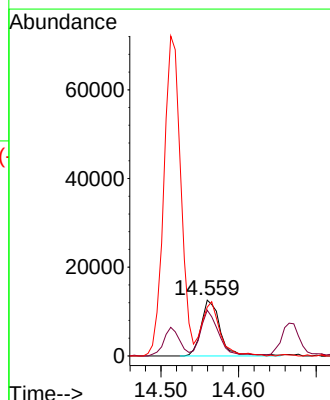
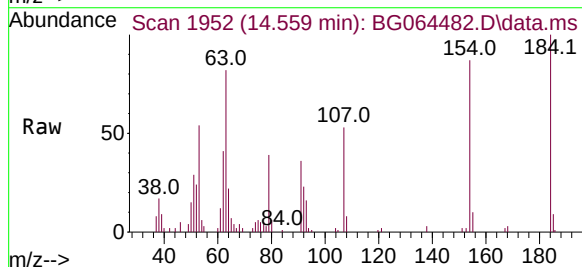
Manual Integrations  
APPROVED

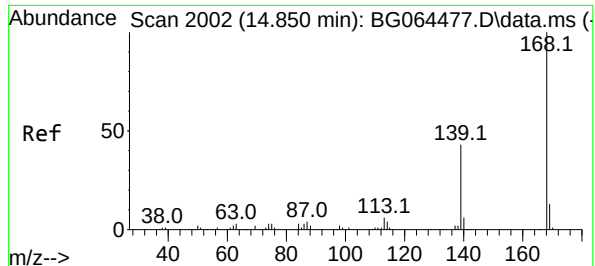
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#54  
2,4-Dinitrophenol  
Concen: 33.540 ng  
RT: 14.559 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

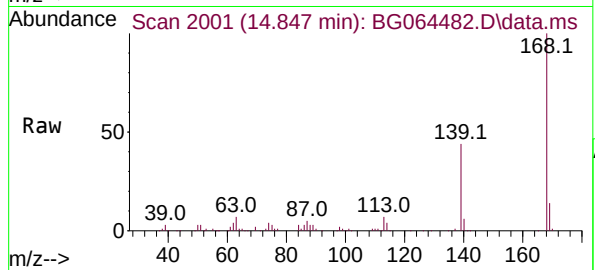
Tgt Ion:184 Resp: 21309  
Ion Ratio Lower Upper  
184 100  
63 82.0 69.0 103.4  
154 87.3 95.6 143.4#





#55  
Dibenzenofuran  
Concen: 38.141 ng  
RT: 14.847 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

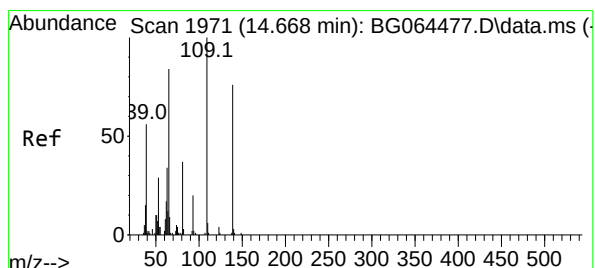
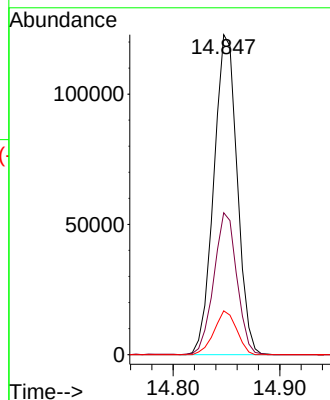
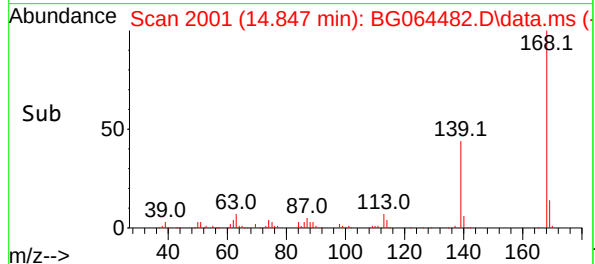
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:168 Resp: 187307  
Ion Ratio Lower Upper  
168 100  
139 44.3 34.0 51.0  
169 13.7 10.2 15.2

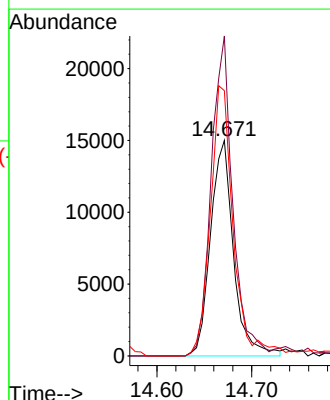
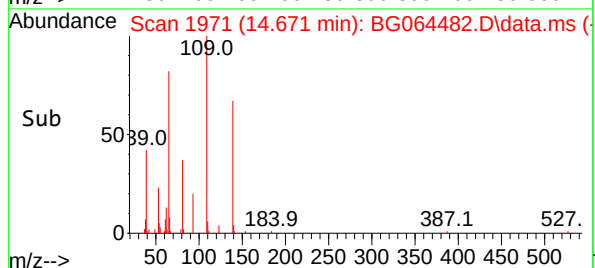
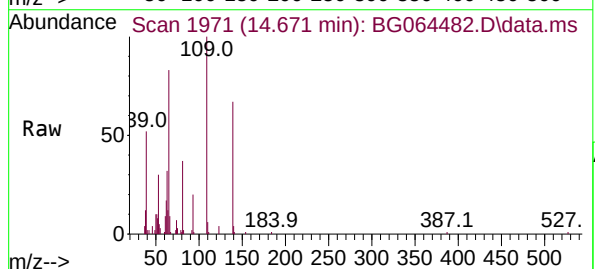
Manual Integrations  
APPROVED

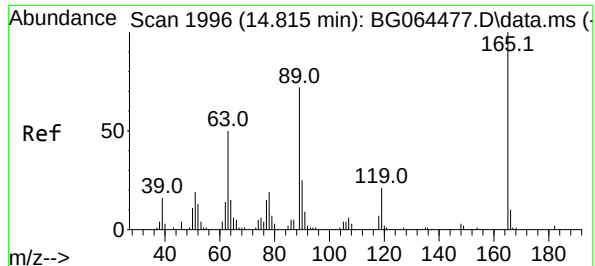
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#56  
4-Nitrophenol  
Concen: 39.712 ng  
RT: 14.671 min Scan# 1971  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:139 Resp: 25265  
Ion Ratio Lower Upper  
139 100  
109 148.6 111.8 151.8  
65 123.1 91.1 131.1





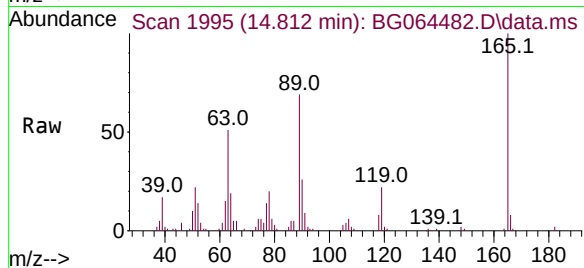
#57  
2,4-Dinitrotoluene  
Concen: 39.388 ng  
RT: 14.812 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

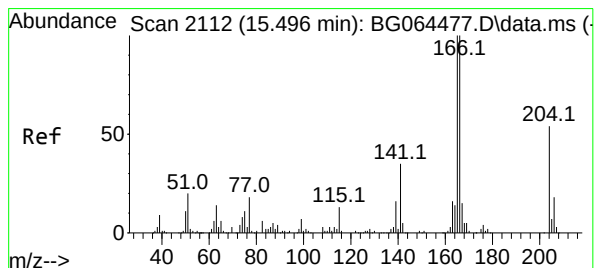
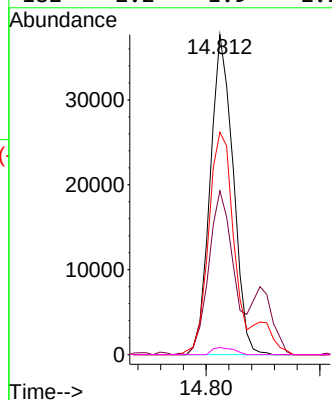
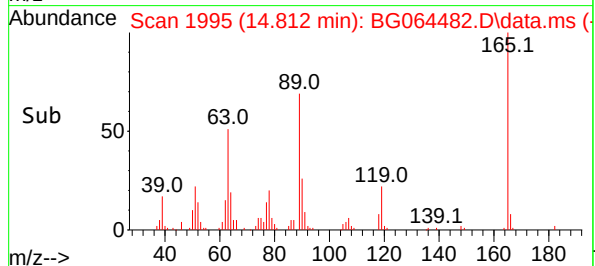


Tgt Ion:165 Resp: 52752  
Ion Ratio Lower Upper  
165 100  
63 51.2 40.4 60.6  
89 69.5 57.3 85.9  
182 2.2 1.9 2.9

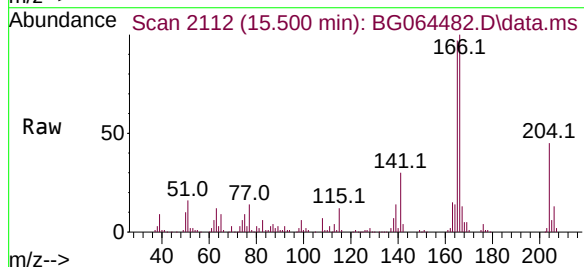
Manual Integrations

APPROVED

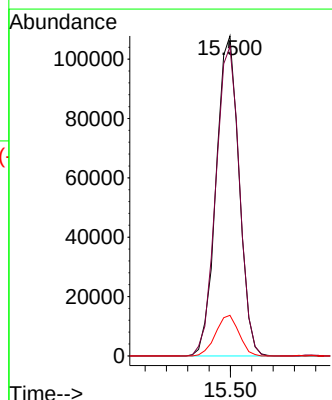
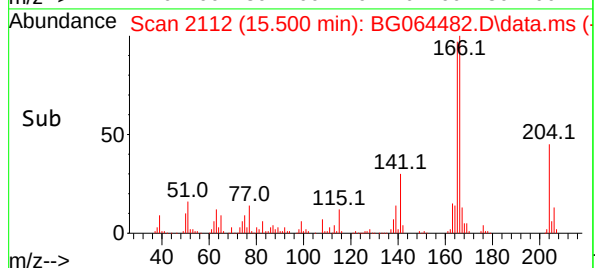
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



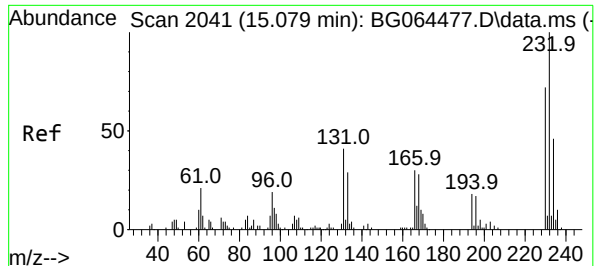
#58  
Fluorene  
Concen: 39.456 ng  
RT: 15.500 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09



Tgt Ion:166 Resp: 161086  
Ion Ratio Lower Upper  
166 100  
165 96.6 79.8 119.6  
167 12.7 11.7 17.5

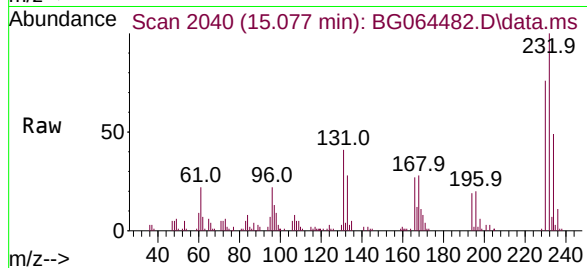






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.021 ng  
RT: 15.077 min Scan# 2041  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

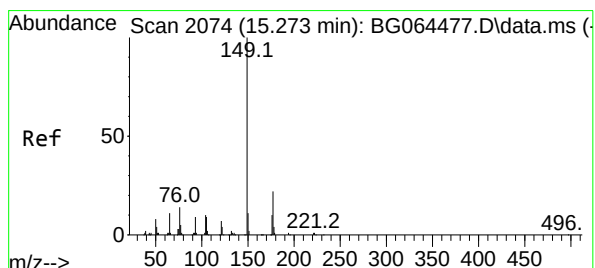
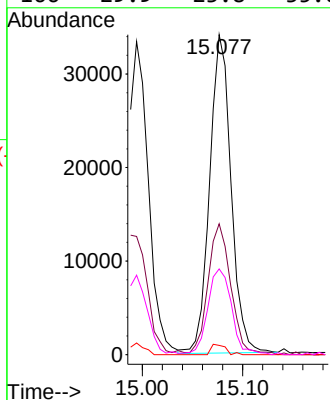
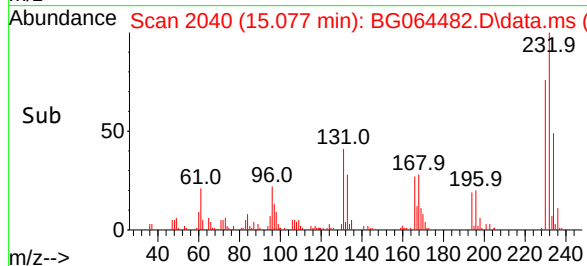
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:232 Resp: 50545  
Ion Ratio Lower Upper  
232 100  
131 43.8 35.0 52.4  
130 2.2 2.0 3.0  
166 29.9 23.8 35.6

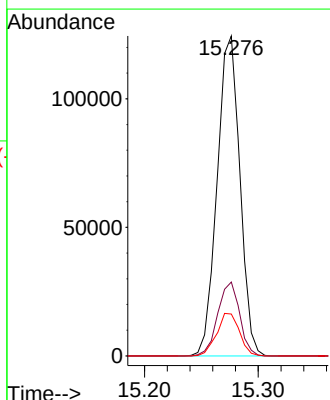
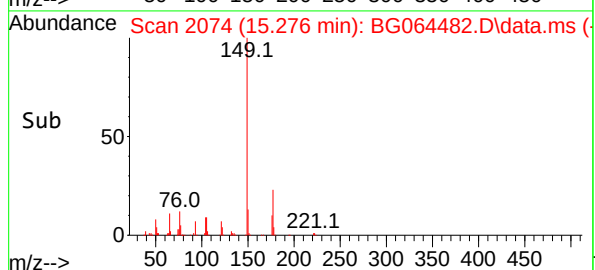
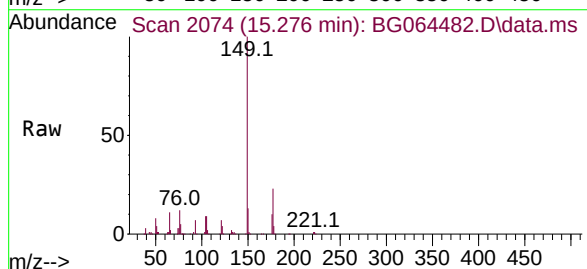
Manual Integrations  
APPROVED

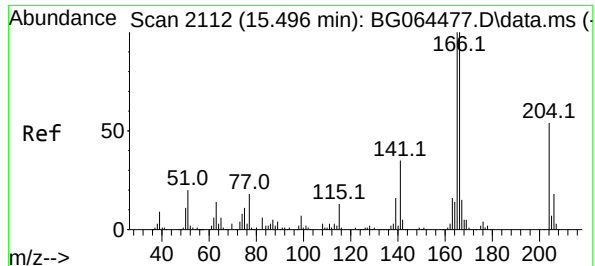
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#60  
Diethylphthalate  
Concen: 38.317 ng  
RT: 15.276 min Scan# 2074  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:149 Resp: 172891  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.4 26.0  
150 13.1 9.1 13.7





#61  
4-Chlorophenyl-phenylether  
Concen: 36.432 ng  
RT: 15.494 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

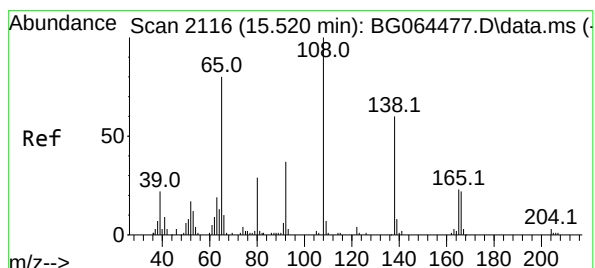
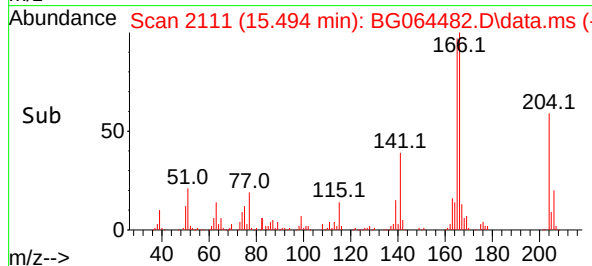
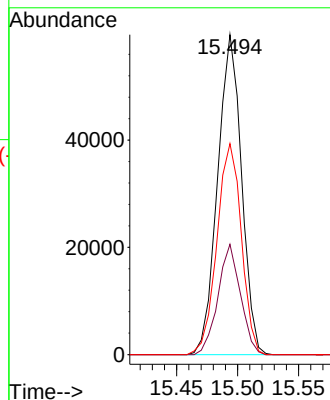
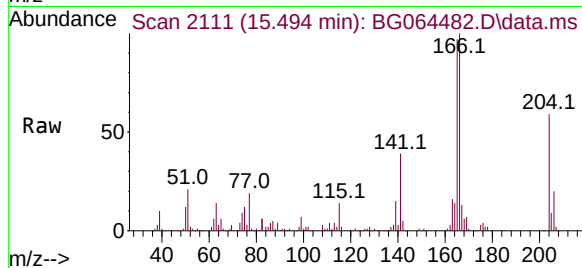
ICVBG100225

Tgt Ion:204 Resp: 81203  
Ion Ratio Lower Upper  
204 100  
206 34.5 27.1 40.7  
141 65.9 51.5 77.3

Manual Integrations

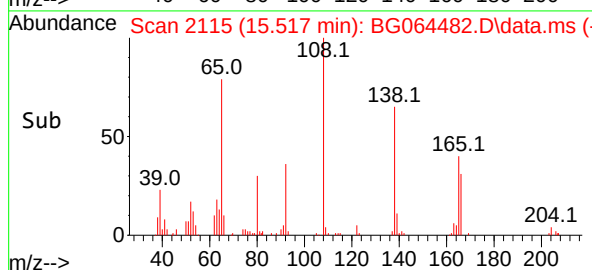
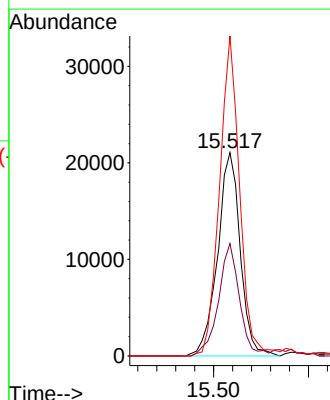
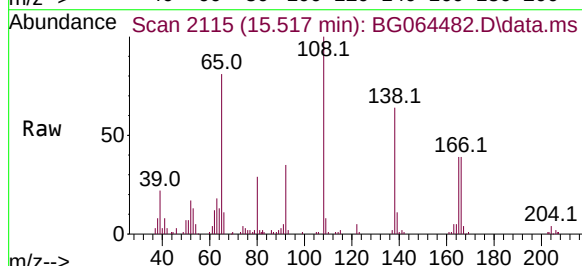
APPROVED

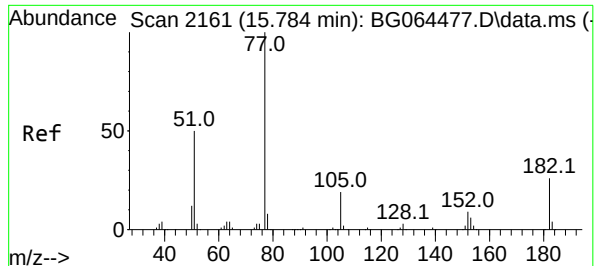
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#62  
4-Nitroaniline  
Concen: 41.435 ng  
RT: 15.517 min Scan# 2115  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

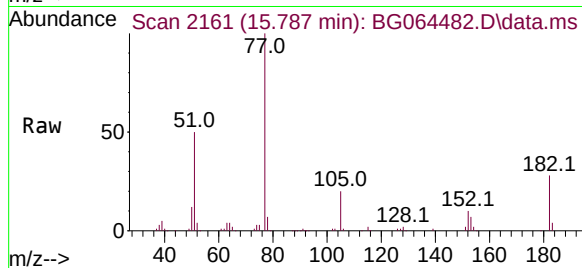
Tgt Ion:138 Resp: 34897  
Ion Ratio Lower Upper  
138 100  
92 55.3 42.3 82.3  
108 157.4 147.7 187.7





#63  
Azobenzene  
Concen: 38.553 ng  
RT: 15.787 min Scan# 2161  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

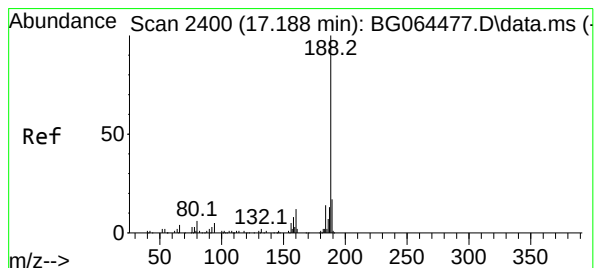
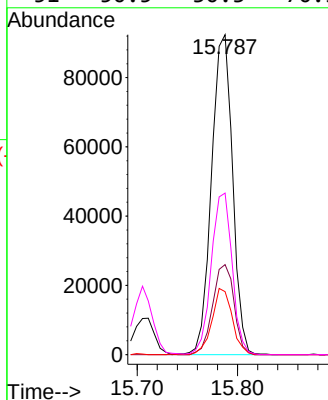
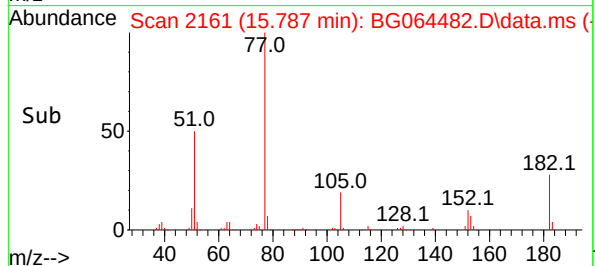
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion: 77 Resp: 134722  
Ion Ratio Lower Upper  
77 100  
182 28.1 6.3 46.3  
105 19.7 0.0 38.7  
51 50.5 30.3 70.3

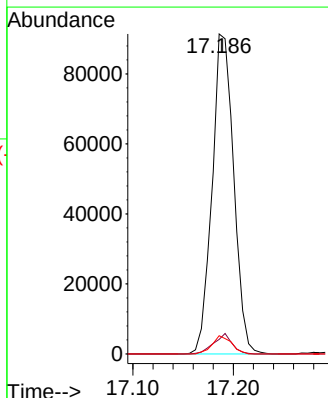
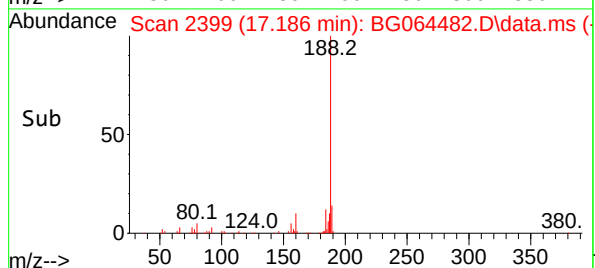
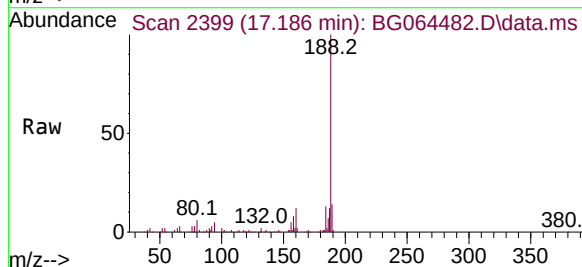
Manual Integrations  
APPROVED

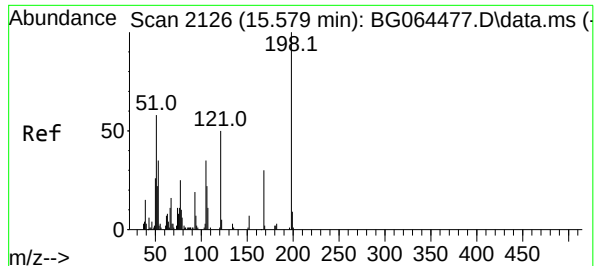
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.186 min Scan# 2399  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:188 Resp: 136982  
Ion Ratio Lower Upper  
188 100  
94 4.5 3.7 5.5  
80 5.7 4.5 6.7





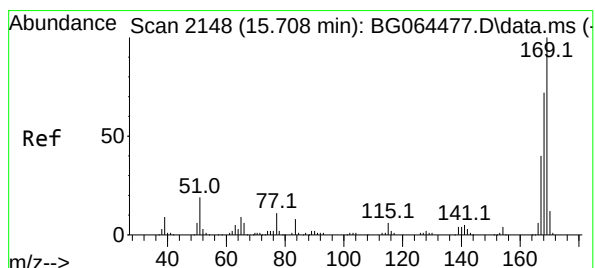
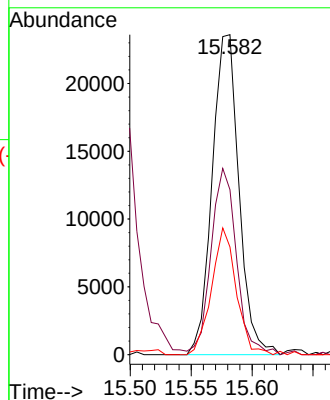
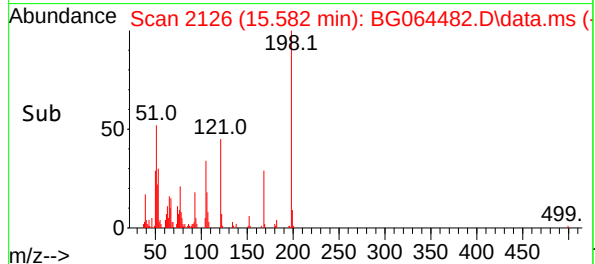
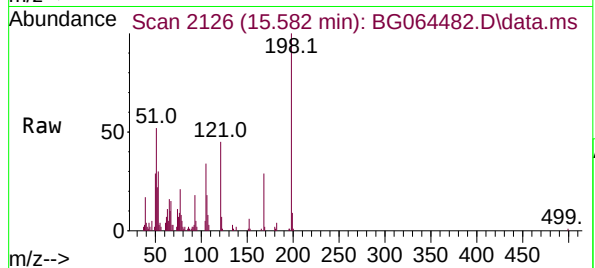
#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.834 ng  
RT: 15.582 min Scan# 2126  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225

Tgt Ion:198 Resp: 36085  
Ion Ratio Lower Upper  
198 100  
51 51.5 39.0 79.0  
105 33.6 15.8 55.8

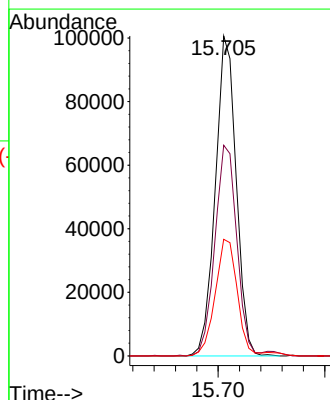
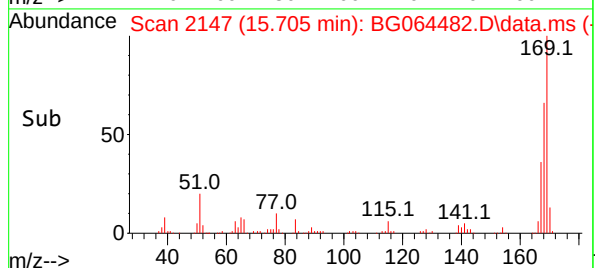
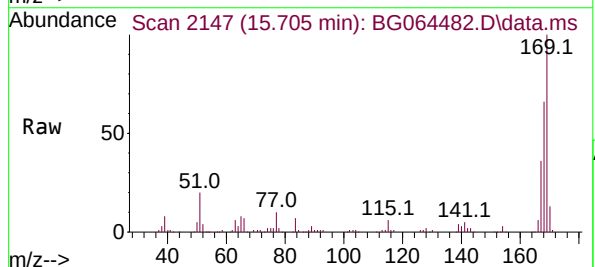
Manual Integrations  
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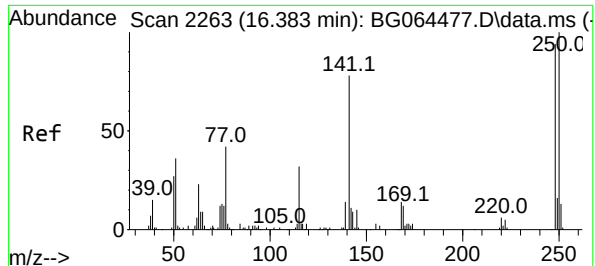
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#66  
n-Nitrosodiphenylamine  
Concen: 37.465 ng  
RT: 15.705 min Scan# 2147  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:169 Resp: 137047  
Ion Ratio Lower Upper  
169 100  
168 65.8 57.8 86.6  
167 36.4 31.7 47.5





#67

4-Bromophenyl-phenylether

Concen: 36.819 ng

RT: 16.387 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion:248 Resp: 5935

Ion Ratio Lower Upper

248 100

250 100.0 85.3 127.9

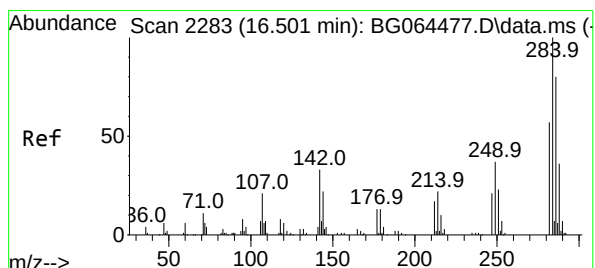
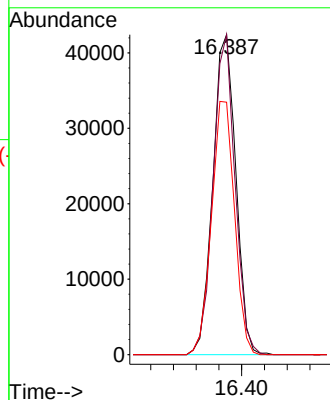
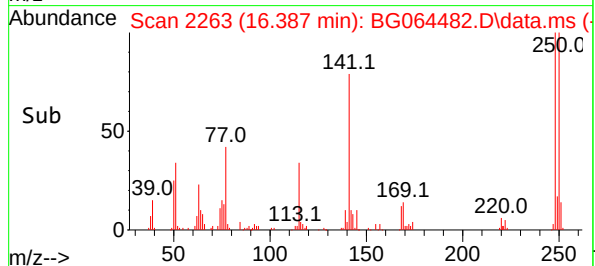
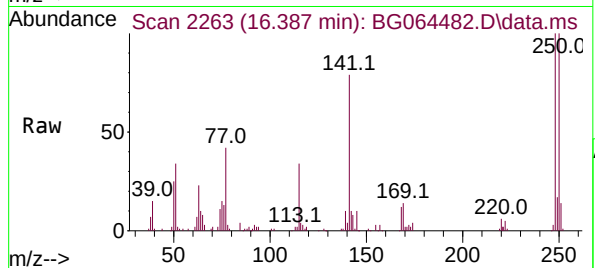
141 78.9 66.2 99.2

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#68

Hexachlorobenzene

Concen: 36.821 ng

RT: 16.504 min Scan# 2283

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

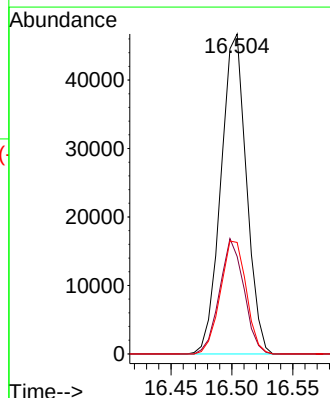
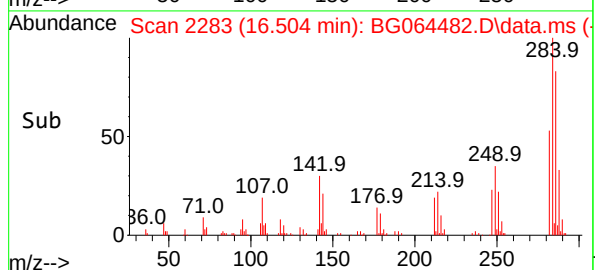
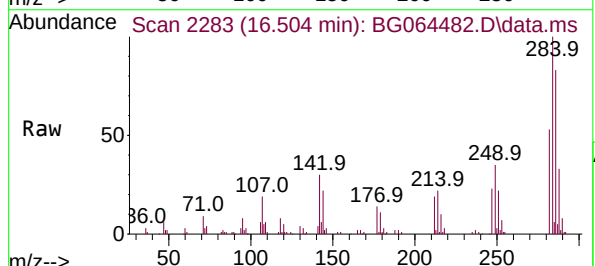
Tgt Ion:284 Resp: 67918

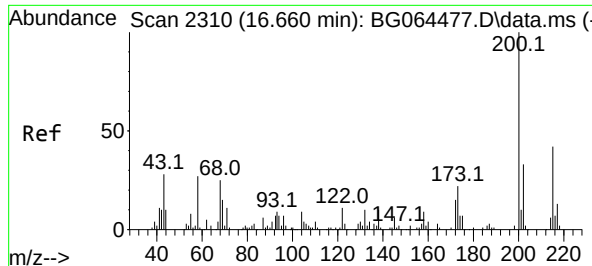
Ion Ratio Lower Upper

284 100

142 30.4 26.2 39.2

249 34.8 29.4 44.0





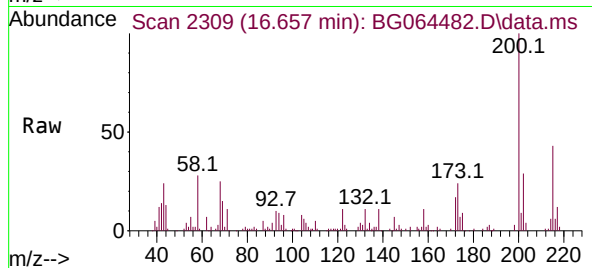
#69  
Atrazine  
Concen: 42.076 ng  
RT: 16.657 min Scan# 2309  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

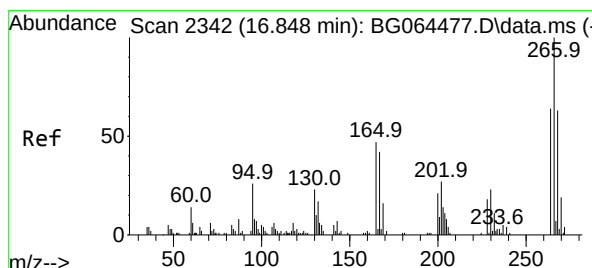
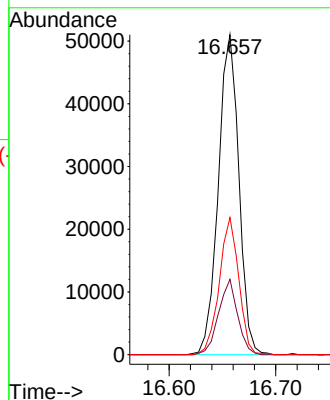
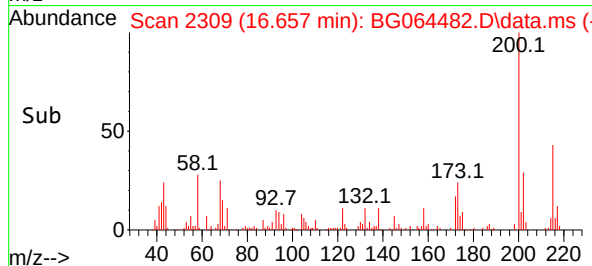


Tgt Ion:200 Resp: 68476  
Ion Ratio Lower Upper  
200 100  
173 23.5 2.5 42.5  
215 42.8 21.5 61.5

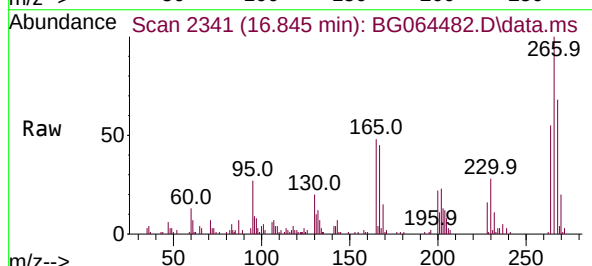
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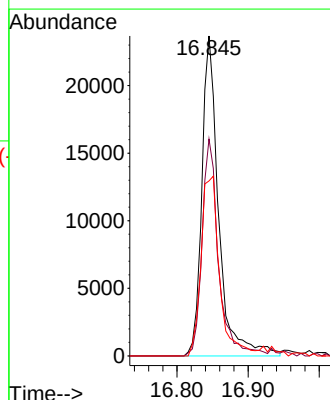
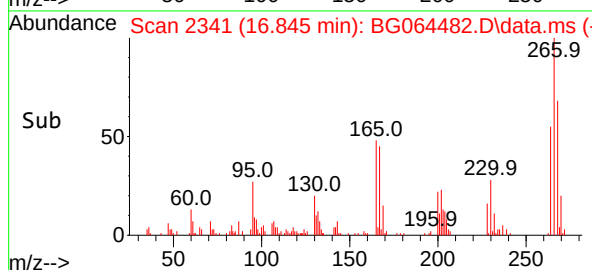
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

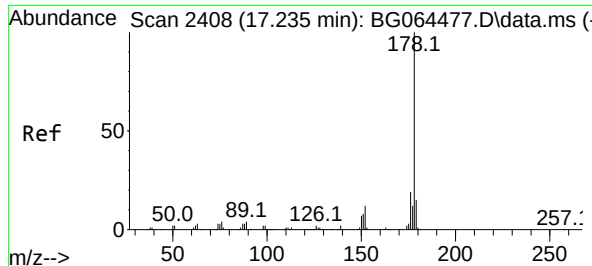


#70  
Pentachlorophenol  
Concen: 36.025 ng  
RT: 16.845 min Scan# 2341  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09



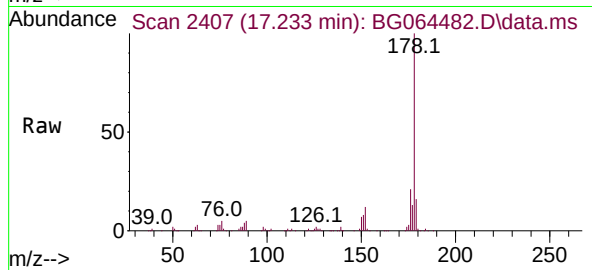
Tgt Ion:266 Resp: 38853  
Ion Ratio Lower Upper  
266 100  
268 67.8 50.6 75.8  
264 54.7 51.2 76.8





#71  
Phenanthrene  
Concen: 37.108 ng  
RT: 17.233 min Scan# 2407  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

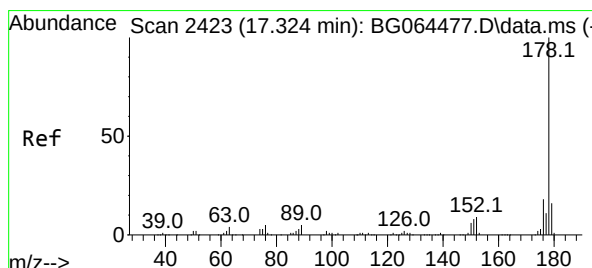
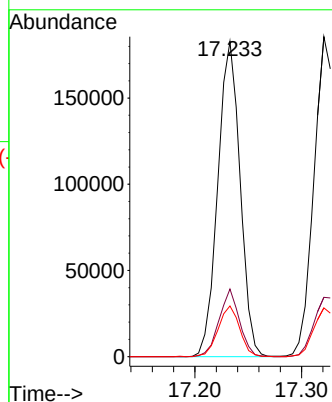
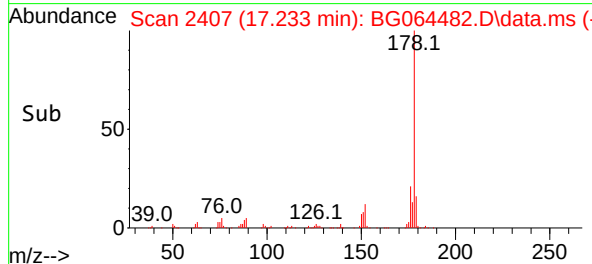
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:178 Resp: 265823  
Ion Ratio Lower Upper  
178 100  
176 21.5 15.2 22.8  
179 16.0 11.8 17.6

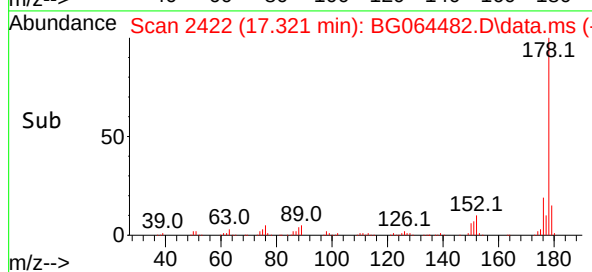
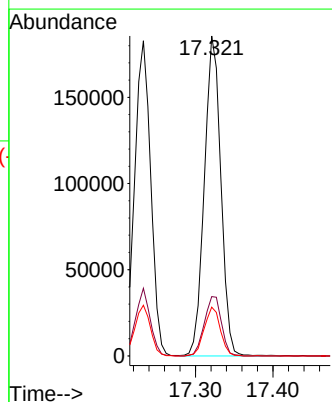
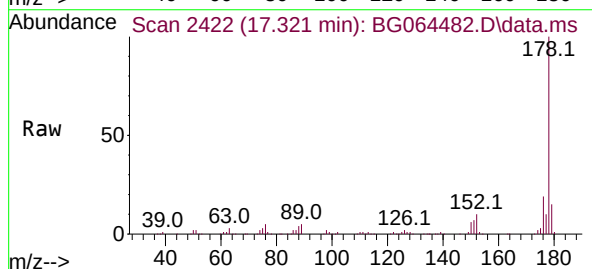
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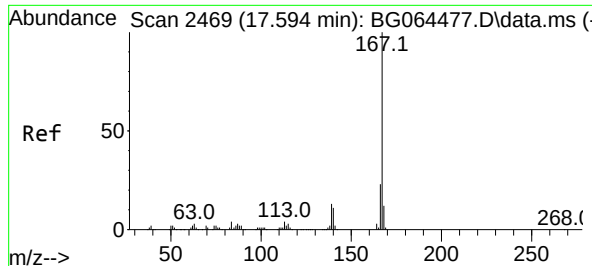
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#72  
Anthracene  
Concen: 38.159 ng  
RT: 17.321 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

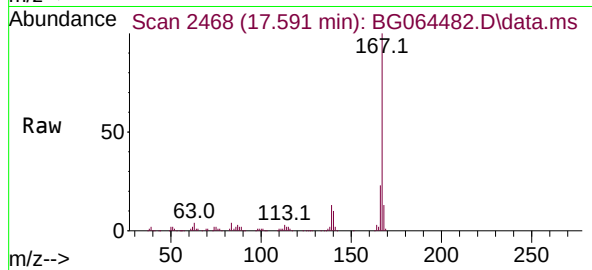
Tgt Ion:178 Resp: 274231  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.6 21.8  
179 15.2 12.5 18.7





#73  
Carbazole  
Concen: 39.673 ng  
RT: 17.591 min Scan# 24644  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

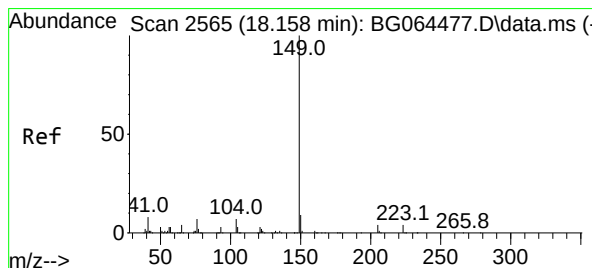
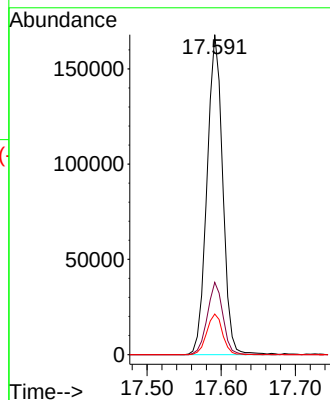
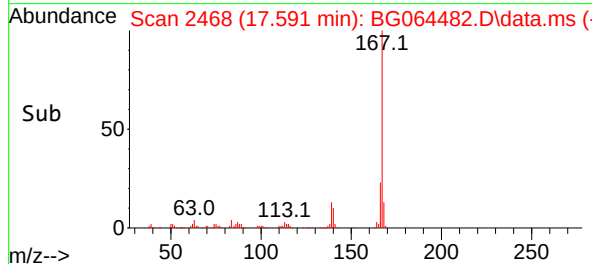
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:167 Resp: 24644  
Ion Ratio Lower Upper  
167 100  
166 22.6 18.6 27.8  
139 12.7 10.2 15.4

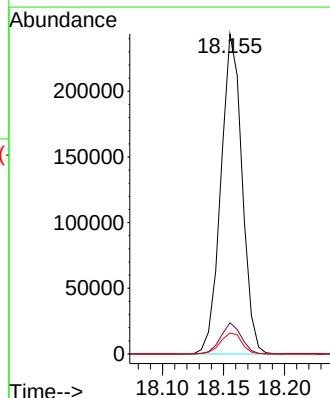
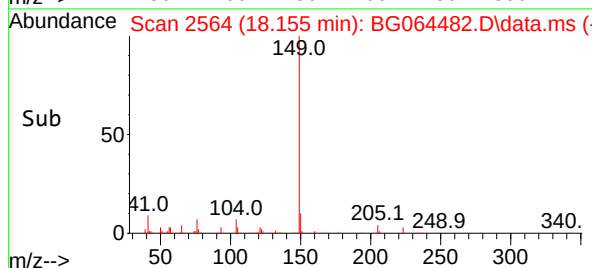
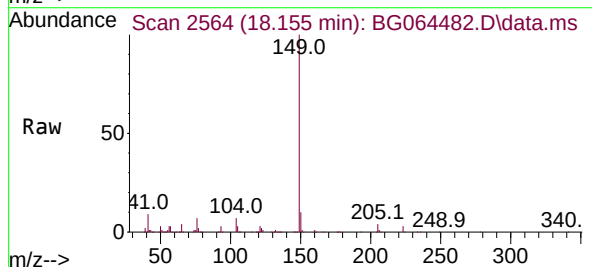
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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

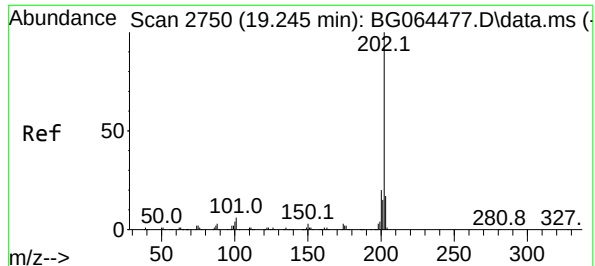


#74  
Di-n-butylphthalate  
Concen: 38.852 ng  
RT: 18.155 min Scan# 2564  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:149 Resp: 294614  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.4 11.2  
104 6.5 5.3 7.9

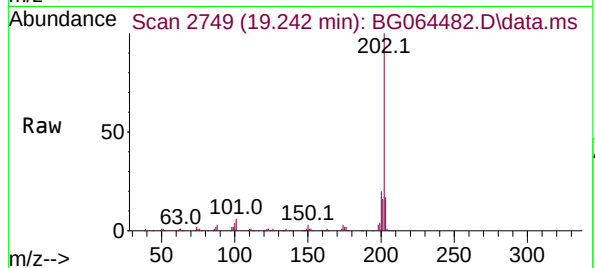






#75  
Fluoranthene  
Concen: 38.739 ng  
RT: 19.242 min Scan# 2750  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

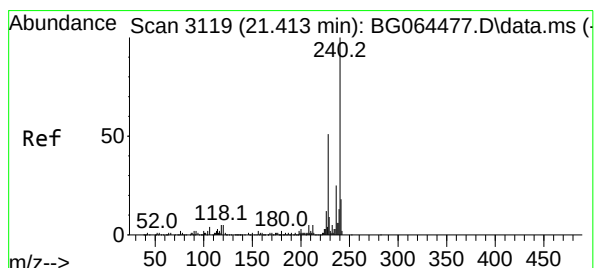
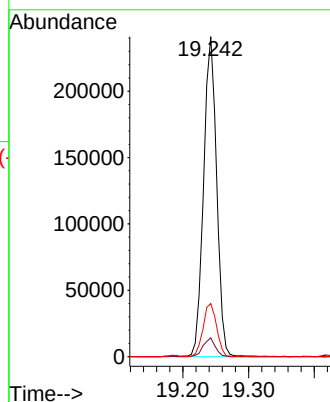
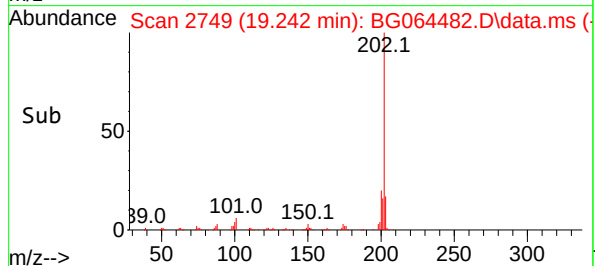
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:202 Resp: 331530  
Ion Ratio Lower Upper  
202 100  
101 5.9 0.0 25.7  
203 16.6 0.0 36.6

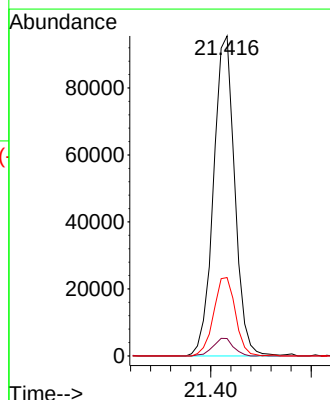
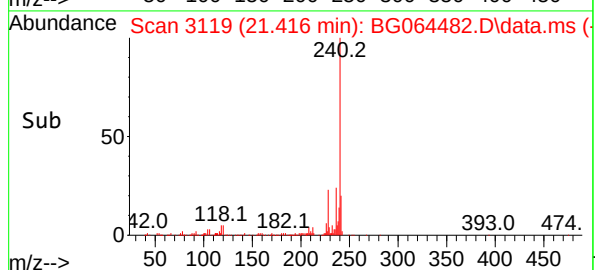
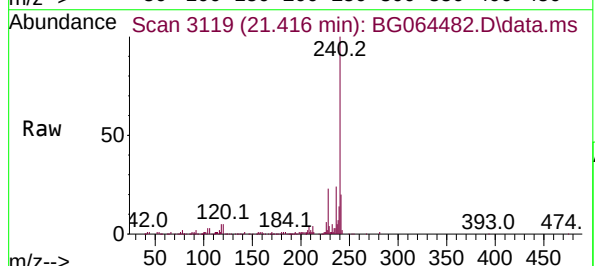
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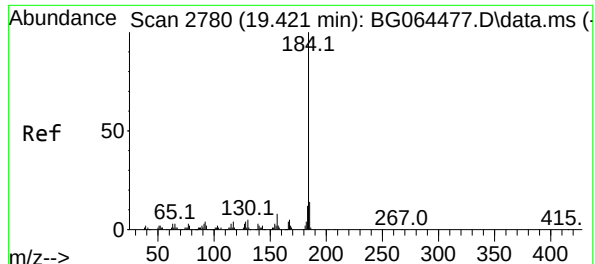
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.416 min Scan# 3119  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

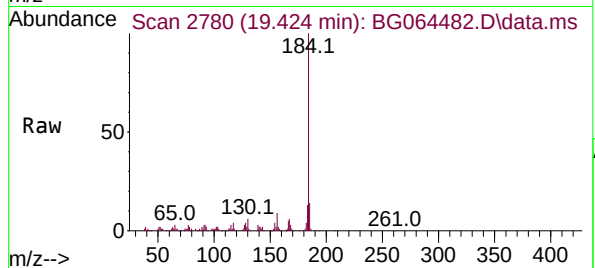
Tgt Ion:240 Resp: 140392  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.3 6.5  
236 24.5 20.4 30.6





#77  
Benzidine  
Concen: 43.772 ng  
RT: 19.424 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

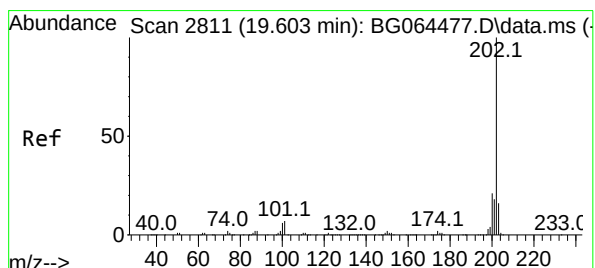
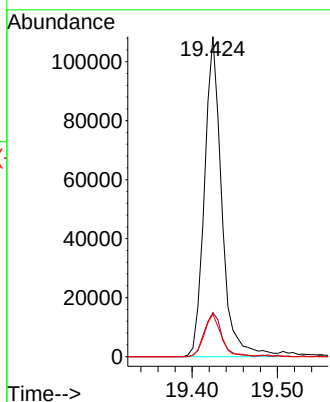
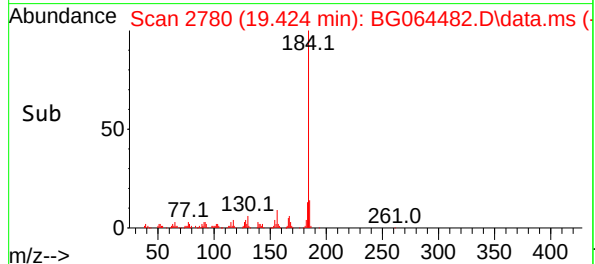
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:184 Resp: 152917  
Ion Ratio Lower Upper  
184 100  
185 13.8 10.9 16.3  
183 13.3 9.8 14.6

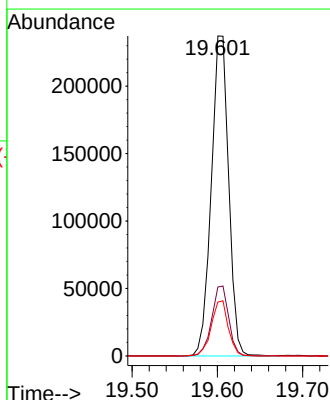
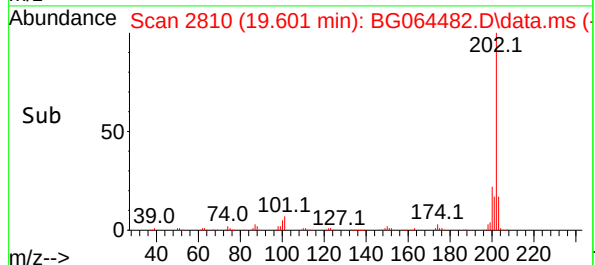
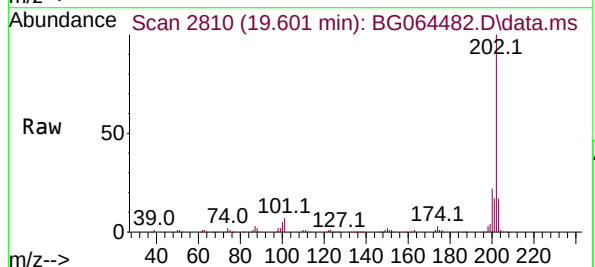
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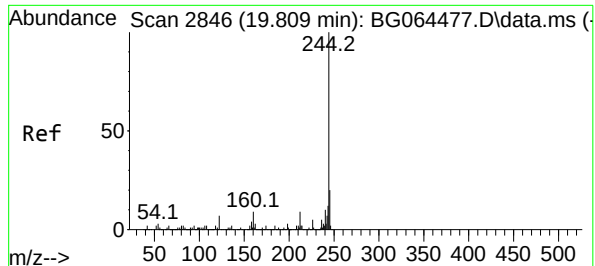
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#78  
Pyrene  
Concen: 36.856 ng  
RT: 19.601 min Scan# 2810  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

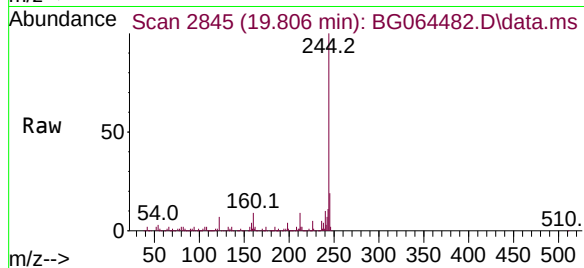
Tgt Ion:202 Resp: 335798  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.0 25.4  
203 16.8 13.0 19.4





#79  
 Terphenyl-d14  
 Concen: 76.071 ng  
 RT: 19.806 min Scan# 2846  
 Delta R.T. -0.000 min  
 Lab File: BG064482.D  
 Acq: 2 Oct 2025 18:09

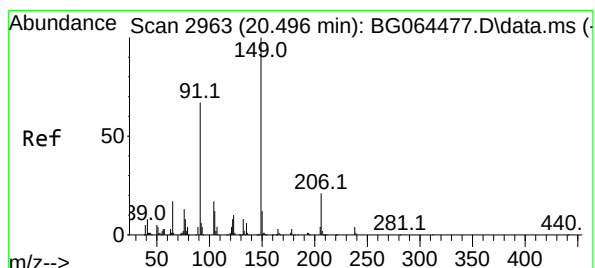
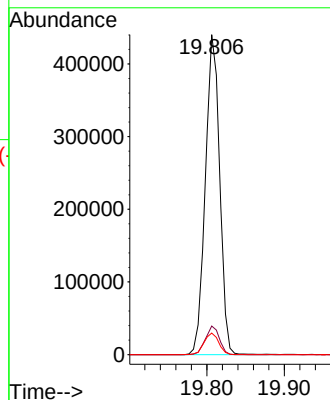
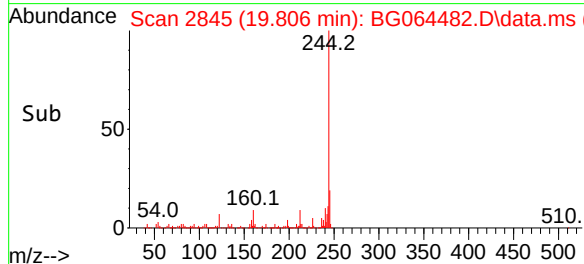
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG100225



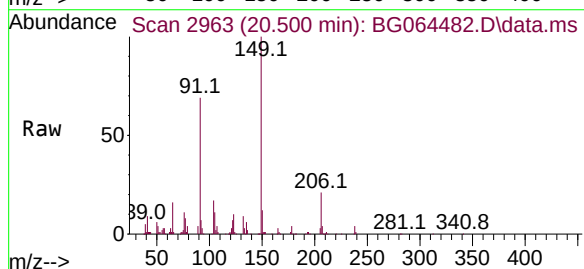
Tgt Ion:244 Resp: 564322  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 7.0 10.6  
 122 6.7 5.6 8.4

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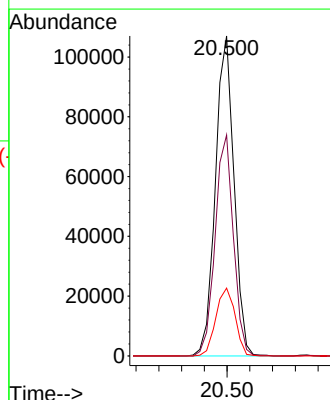
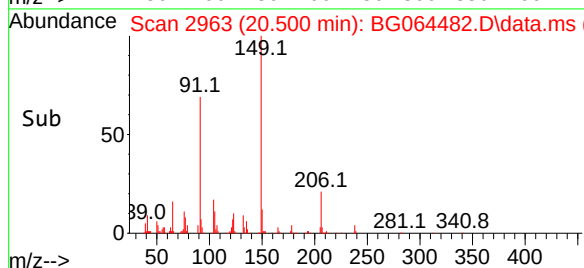
Reviewed By :Rahul Chavli 10/03/2025  
 Supervised By :Jagrut Upadhyay 10/03/2025

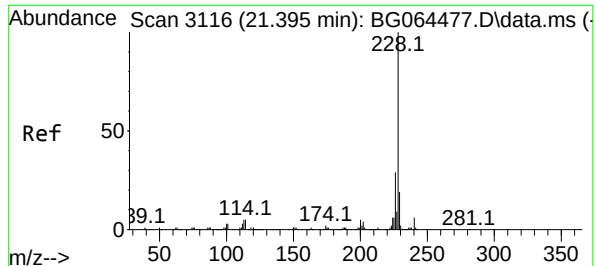


#80  
 Butylbenzylphthalate  
 Concen: 37.565 ng  
 RT: 20.500 min Scan# 2963  
 Delta R.T. -0.000 min  
 Lab File: BG064482.D  
 Acq: 2 Oct 2025 18:09



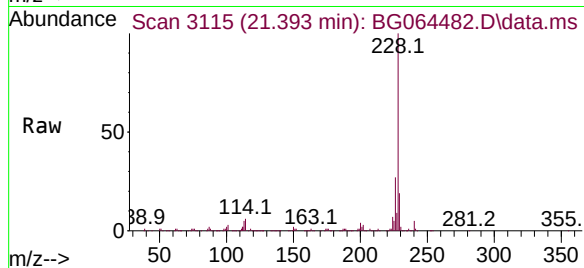
Tgt Ion:149 Resp: 121325  
 Ion Ratio Lower Upper  
 149 100  
 91 69.0 53.7 80.5  
 206 21.2 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 37.867 ng  
RT: 21.393 min Scan# 3116  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

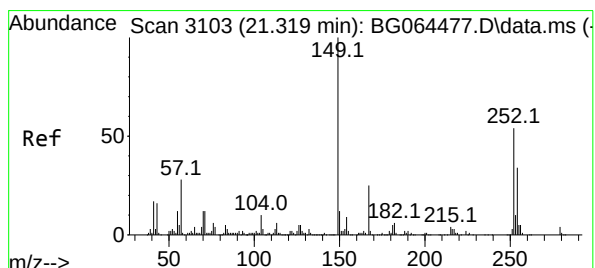
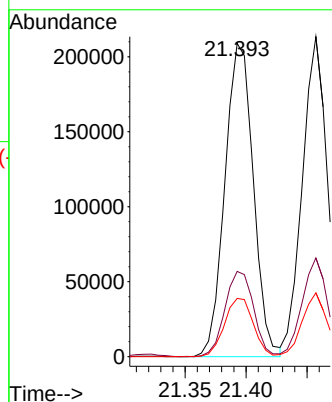
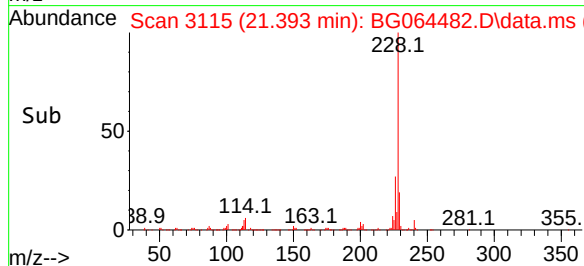
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:228 Resp: 339443  
Ion Ratio Lower Upper  
228 100  
226 27.2 22.8 34.2  
229 18.6 15.2 22.8

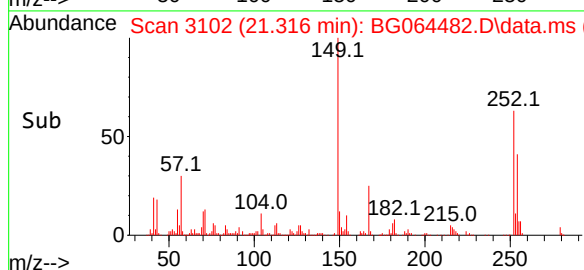
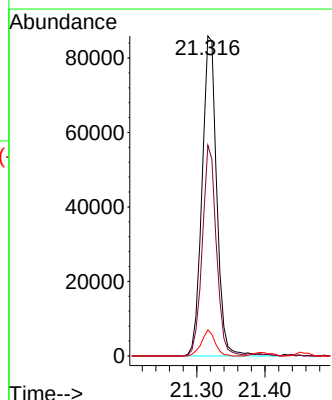
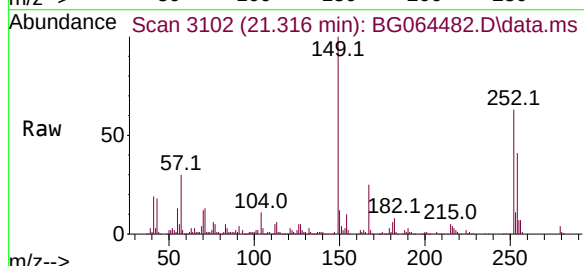
Manual Integrations  
APPROVED

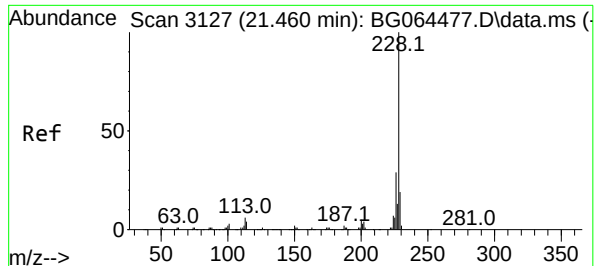
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 42.355 ng  
RT: 21.316 min Scan# 3102  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:252 Resp: 128504  
Ion Ratio Lower Upper  
252 100  
254 65.8 50.5 75.7  
126 8.1 7.1 10.7





#83

Chrysene

Concen: 36.434 ng

RT: 21.457 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

ICVBG100225

Tgt Ion:228 Resp: 309731

Ion Ratio Lower Upper

228 100

226 30.8 22.8 34.2

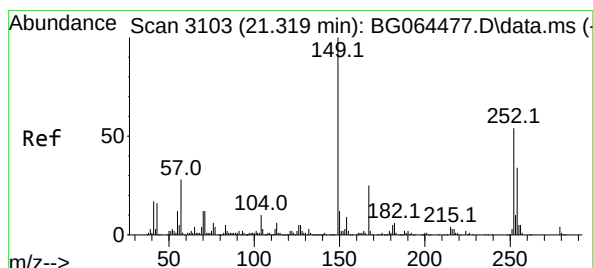
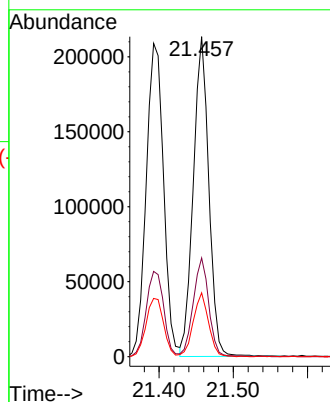
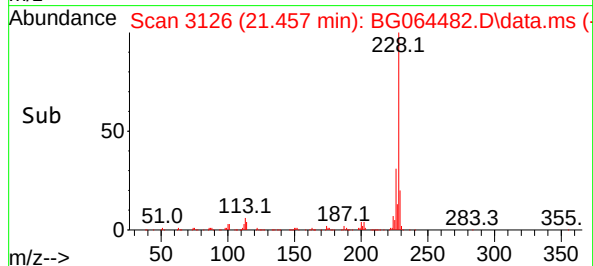
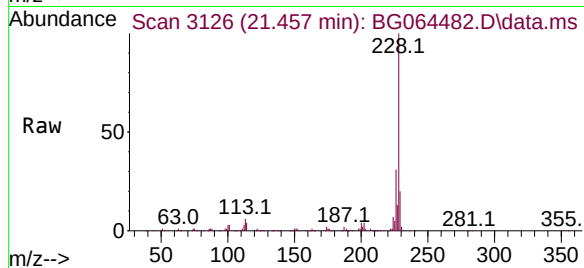
229 19.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.082 ng

RT: 21.316 min Scan# 3102

Delta R.T. -0.000 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

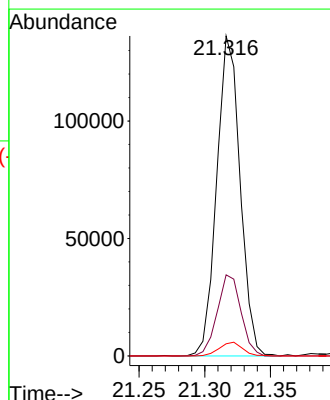
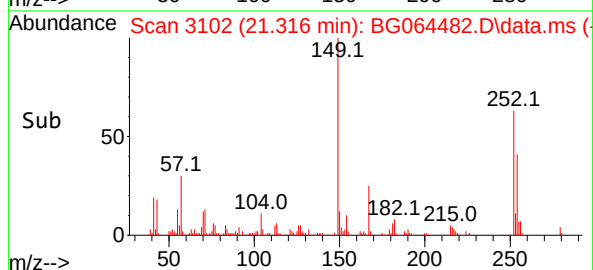
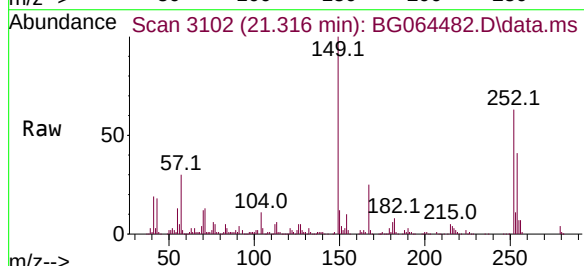
Tgt Ion:149 Resp: 168982

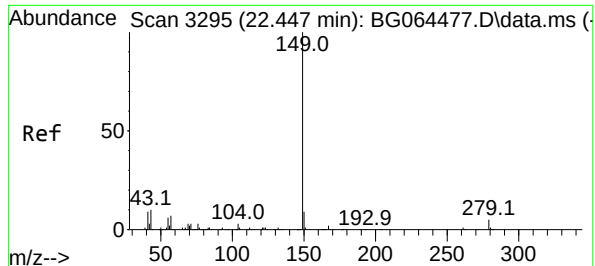
Ion Ratio Lower Upper

149 100

167 25.3 19.7 29.5

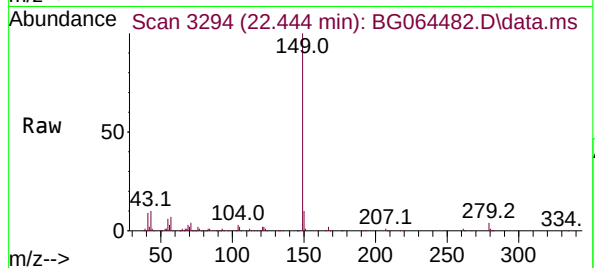
279 3.8 3.4 5.2





#85  
Di-n-octyl phthalate  
Concen: 36.720 ng  
RT: 22.444 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

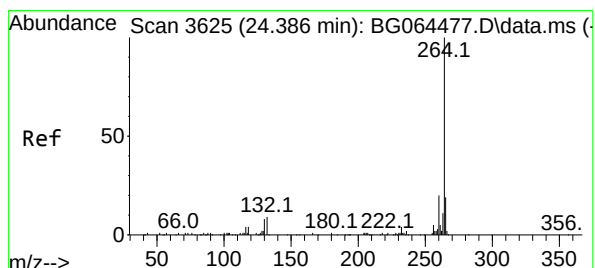
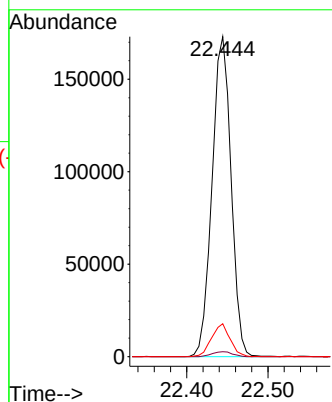
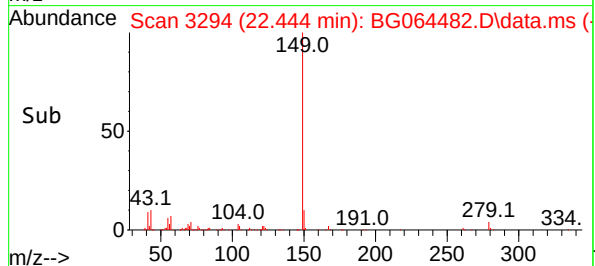
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:149 Resp: 281232  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.0  
43 10.0 7.9 11.9

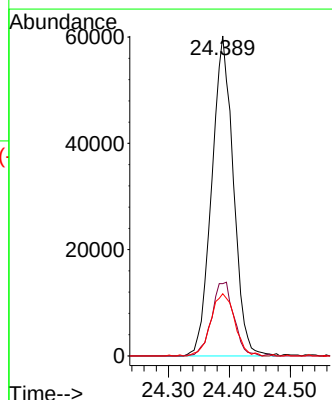
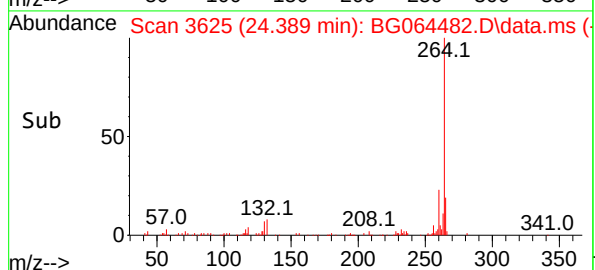
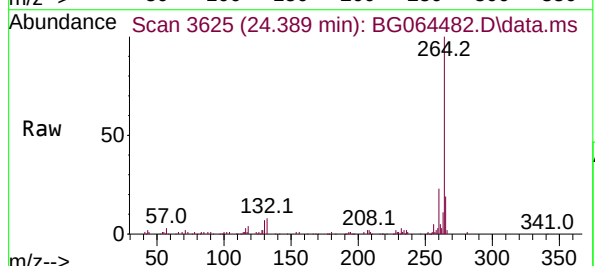
Manual Integrations  
APPROVED

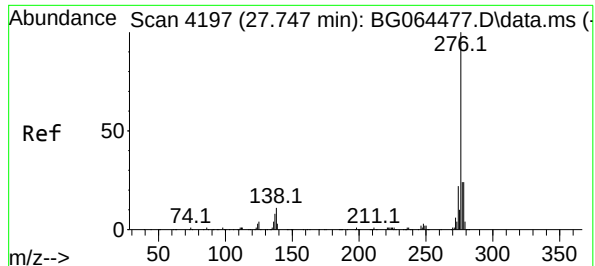
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.389 min Scan# 3625  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

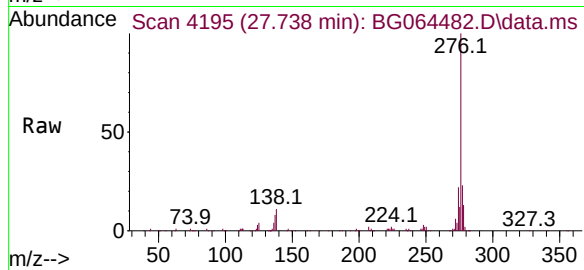
Tgt Ion:264 Resp: 148372  
Ion Ratio Lower Upper  
264 100  
260 22.6 16.2 24.4  
265 19.4 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.816 ng  
RT: 27.738 min Scan# 4195  
Delta R.T. 0.006 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

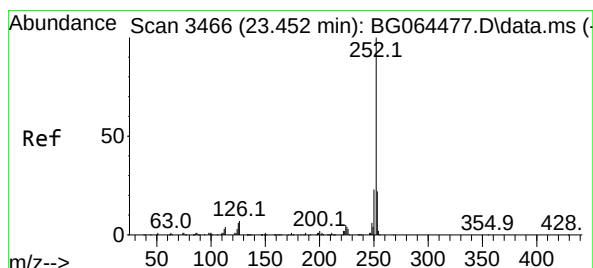
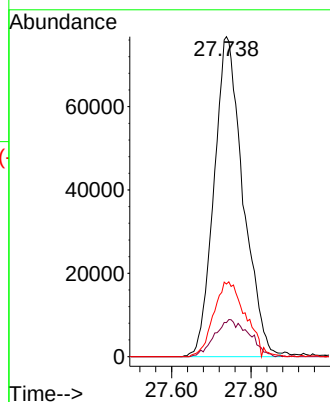
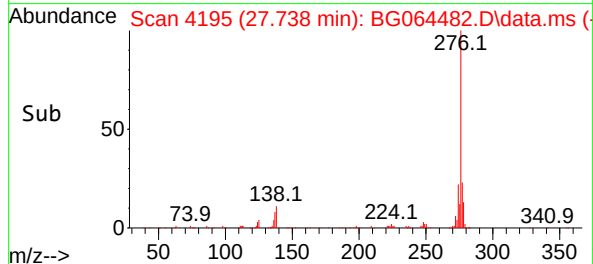
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



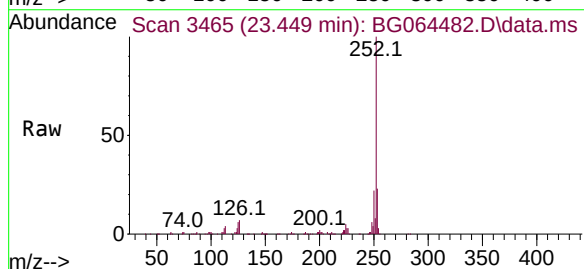
Tgt Ion:276 Resp: 390549  
Ion Ratio Lower Upper  
276 100  
138 13.6 10.8 16.2  
277 25.8 20.3 30.5

Manual Integrations  
APPROVED

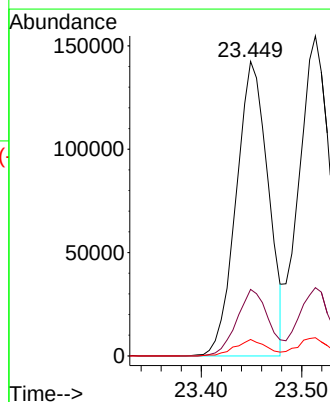
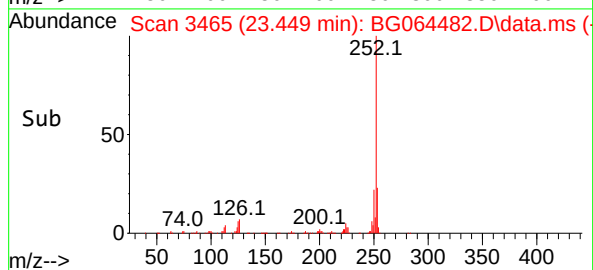
Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025

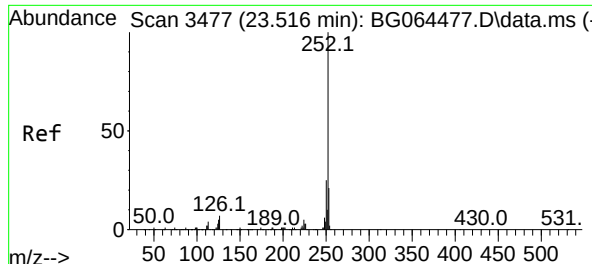


#88  
Benzo(b)fluoranthene  
Concen: 37.423 ng  
RT: 23.449 min Scan# 3465  
Delta R.T. -0.000 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09



Tgt Ion:252 Resp: 315880  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.5 26.3  
125 5.6 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 39.643 ng

RT: 23.514 min Scan# 3477

Delta R.T. 0.006 min

Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

Instrument :

BNA\_G

ClientSampleId :

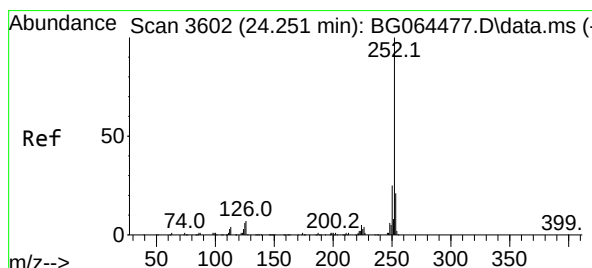
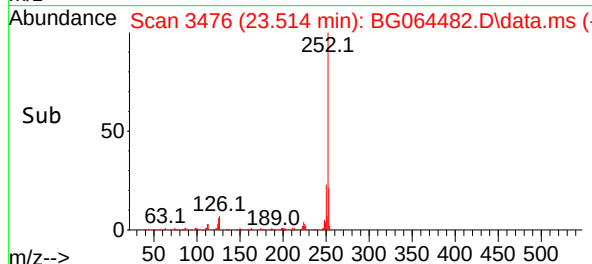
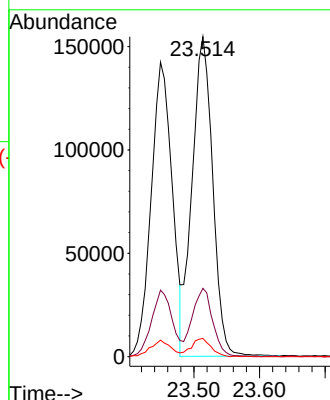
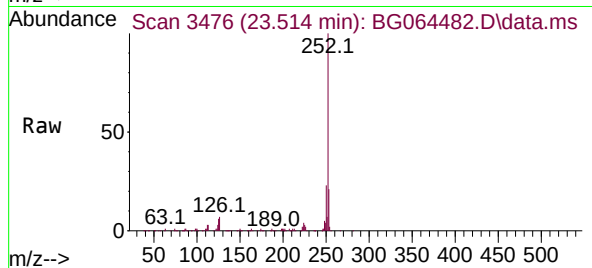
ICVBG100225

| Tgt Ion:  | 252   | Resp: | 337015 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.3  | 17.4  | 26.2   |
| 125       | 5.7   | 4.0   | 6.0    |

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 39.468 ng

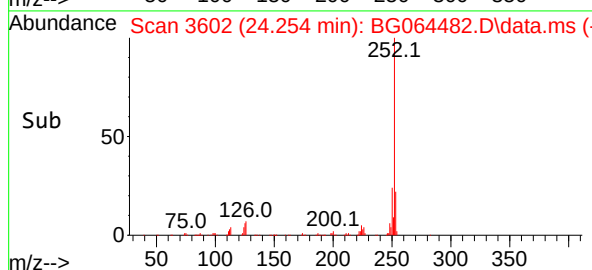
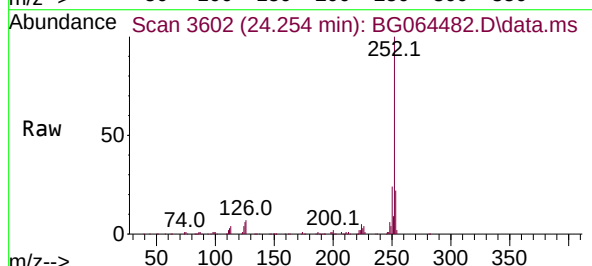
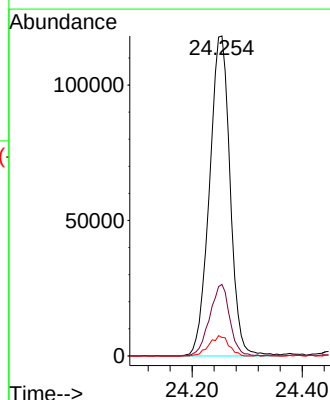
RT: 24.254 min Scan# 3602

Delta R.T. 0.006 min

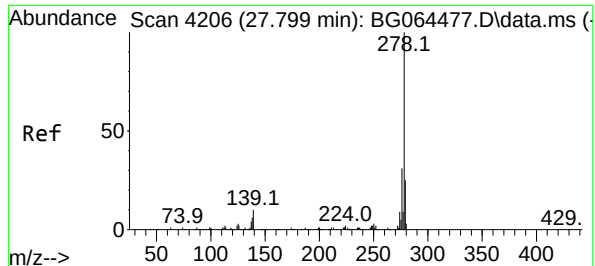
Lab File: BG064482.D

Acq: 2 Oct 2025 18:09

| Tgt Ion:  | 252   | Resp: | 307034 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.3  | 17.1  | 25.7   |
| 125       | 5.8   | 4.6   | 6.8    |

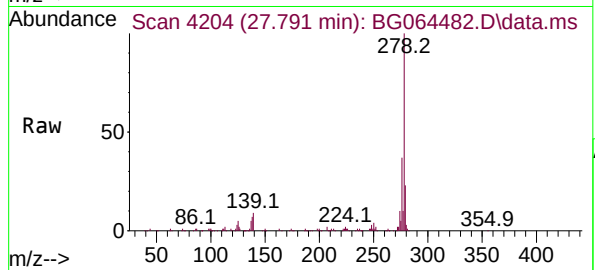






#91  
Dibenzo(a,h)anthracene  
Concen: 38.585 ng  
RT: 27.791 min Scan# 4206  
Delta R.T. 0.012 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

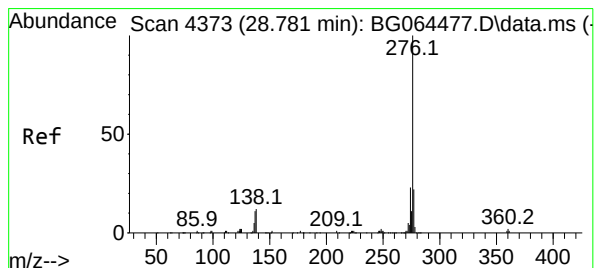
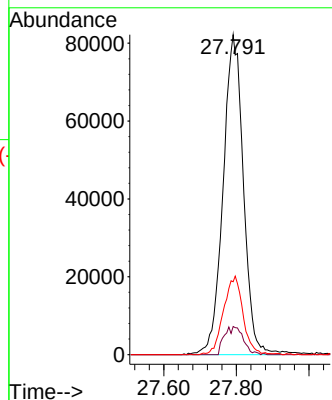
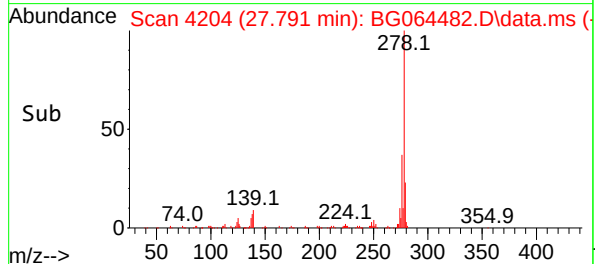
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225



Tgt Ion:278 Resp: 31867  
Ion Ratio Lower Upper  
278 100  
139 8.8 8.2 12.2  
279 22.8 19.6 29.4

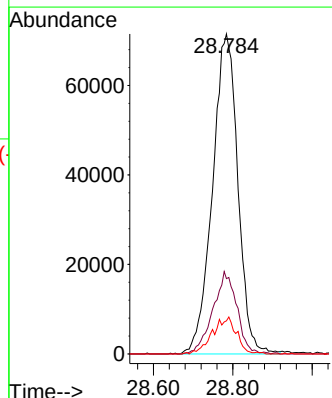
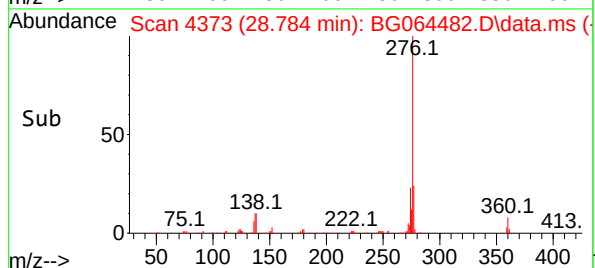
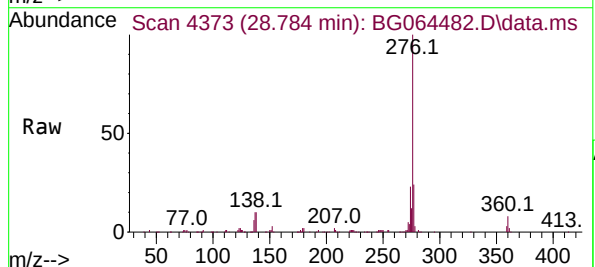
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/03/2025  
Supervised By :Jagrut Upadhyay 10/03/2025



#92  
Benzo(g,h,i)perylene  
Concen: 39.498 ng  
RT: 28.784 min Scan# 4373  
Delta R.T. 0.017 min  
Lab File: BG064482.D  
Acq: 2 Oct 2025 18:09

Tgt Ion:276 Resp: 317018  
Ion Ratio Lower Upper  
276 100  
277 23.5 17.8 26.6  
138 10.3 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064482.D  
 Acq On : 2 Oct 2025 18:09  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG100225

Quant Time: Oct 02 18:56:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 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    | 91    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.427 | 0.392 | 8.2    | 81    | 0.00     |
| 3    | Pyridine                    | 1.149 | 1.017 | 11.5   | 75    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.833 | 0.813 | 2.4    | 86    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.081 | 1.018 | 5.8    | 78    | 0.00     |
| 6    | Aniline                     | 1.832 | 1.883 | -2.8   | 85    | 0.00     |
| 7 S  | Phenol-d6                   | 1.452 | 1.407 | 3.1    | 79    | 0.01     |
| 8    | 2-Chlorophenol              | 1.327 | 1.231 | 7.2    | 77    | 0.00     |
| 9    | Benzaldehyde                | 1.289 | 1.040 | 19.3   | 62    | 0.00     |
| 10 C | Phenol                      | 1.532 | 1.471 | 4.0    | 80    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.038 | 0.969 | 6.6    | 78    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.452 | 1.361 | 6.3    | 78    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.457 | 1.452 | 0.3    | 84    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.436 | 1.381 | 3.8    | 82    | 0.00     |
| 15   | Benzyl Alcohol              | 1.337 | 1.363 | -1.9   | 86    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.672 | 1.597 | 4.5    | 81    | 0.01     |
| 17   | 2-Methylphenol              | 1.109 | 1.069 | 3.6    | 80    | 0.00     |
| 18   | Hexachloroethane            | 0.575 | 0.545 | 5.2    | 82    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.971 | 0.995 | -2.5   | 83    | 0.01     |
| 20   | 3+4-Methylphenols           | 1.548 | 1.505 | 2.8    | 81    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 92    | 0.00     |
| 22   | Acetophenone                | 0.484 | 0.483 | 0.2    | 86    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.372 | 0.339 | 8.9    | 79    | 0.01     |
| 24   | Nitrobenzene                | 0.371 | 0.345 | 7.0    | 80    | 0.00     |
| 25   | Isophorone                  | 0.674 | 0.660 | 2.1    | 84    | 0.01     |
| 26 C | 2-Nitrophenol               | 0.185 | 0.163 | 11.9   | 78    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.296 | -5.0   | 91    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.343 | 0.331 | 3.5    | 81    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.326 | 0.317 | 2.8    | 85    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.344 | 3.4    | 84    | 0.00     |
| 31   | Naphthalene                 | 1.030 | 0.991 | 3.8    | 82    | 0.00     |
| 32   | Benzoic acid                | 0.216 | 0.218 | -0.9   | 87    | 0.05     |
| 33   | 4-Chloroaniline             | 0.395 | 0.423 | -7.1   | 93    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.304 | 0.278 | 8.6    | 81    | 0.00     |
| 35   | Caprolactam                 | 0.112 | 0.108 | 3.6    | 86    | 0.02     |
| 36 C | 4-Chloro-3-methylphenol     | 0.397 | 0.381 | 4.0    | 83    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.791 | 0.696 | 12.0   | 76    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.788 | 0.728 | 7.6    | 81    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 95    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.646 | 0.622 | 3.7    | 84    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.338 | 0.426 | -26.0# | 112   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.363 | 0.348 | 4.1    | 87    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.413 | 0.403 | 2.4    | 86    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.461 | 0.436 | 5.4    | 85    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.357 | 1.264 | 6.9    | 84    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.438 | 1.393 | 3.1    | 87    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.074 | 1.013 | 5.7    | 84    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064482.D  
 Acq On : 2 Oct 2025 18:09  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG100225

Quant Time: Oct 02 18:56:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 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             | 0.367 | 0.359 | 2.2  | 86    | 0.00     |
| 49   | Acenaphthylene             | 1.594 | 1.747 | -9.6 | 98    | 0.00     |
| 50   | Dimethylphthalate          | 1.566 | 1.484 | 5.2  | 87    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.326 | 0.316 | 3.1  | 89    | 0.00     |
| 52 C | Acenaphthene               | 1.108 | 1.015 | 8.4  | 83    | 0.00     |
| 53   | 3-Nitroaniline             | 0.301 | 0.306 | -1.7 | 91    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.237 | 0.198 | 16.5 | 91    | 0.00     |
| 55   | Dibenzofuran               | 1.829 | 1.744 | 4.6  | 87    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.237 | 0.235 | 0.8  | 86    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.499 | 0.491 | 1.6  | 89    | 0.00     |
| 58   | Fluorene                   | 1.520 | 1.500 | 1.3  | 89    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.470 | 0.471 | -0.2 | 89    | 0.00     |
| 60   | Diethylphthalate           | 1.680 | 1.610 | 4.2  | 89    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.830 | 0.756 | 8.9  | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 0.314 | 0.325 | -3.5 | 93    | 0.00     |
| 63   | Azobenzene                 | 1.301 | 1.254 | 3.6  | 89    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 100   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.139 | 0.132 | 5.0  | 91    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.534 | 0.500 | 6.4  | 88    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.235 | 0.217 | 7.7  | 85    | 0.00     |
| 68   | Hexachlorobenzene          | 0.269 | 0.248 | 7.8  | 86    | 0.00     |
| 69   | Atrazine                   | 0.238 | 0.250 | -5.0 | 100   | 0.00     |
| 70 C | Pentachlorophenol          | 0.157 | 0.142 | 9.6  | 84    | 0.00     |
| 71   | Phenanthrene               | 1.046 | 0.970 | 7.3  | 87    | 0.00     |
| 72   | Anthracene                 | 1.049 | 1.001 | 4.6  | 89    | 0.00     |
| 73   | Carbazole                  | 0.907 | 0.900 | 0.8  | 91    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.107 | 1.075 | 2.9  | 90    | 0.00     |
| 75 C | Fluoranthene               | 1.250 | 1.210 | 3.2  | 91    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 102   | 0.00     |
| 77   | Benzydine                  | 0.498 | 0.545 | -9.4 | 85    | 0.00     |
| 78   | Pyrene                     | 1.298 | 1.196 | 7.9  | 88    | 0.00     |
| 79 S | Terphenyl-d14              | 1.057 | 1.005 | 4.9  | 91    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.460 | 0.432 | 6.1  | 89    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.277 | 1.209 | 5.3  | 91    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.432 | 0.458 | -6.0 | 102   | 0.00     |
| 83   | Chrysene                   | 1.211 | 1.103 | 8.9  | 87    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.649 | 0.602 | 7.2  | 89    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.091 | 1.002 | 8.2  | 88    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 101   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.392 | 1.316 | 5.5  | 89    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.138 | 1.064 | 6.5  | 89    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.146 | 1.136 | 0.9  | 93    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.049 | 1.035 | 1.3  | 93    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.113 | 1.074 | 3.5  | 91    | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 1.082 | 1.068 | 1.3  | 93    | 0.02     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
Data File : BG064482.D  
Acq On : 2 Oct 2025 18:09  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225

Quant Time: Oct 02 18:56:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064482.D  
 Acq On : 2 Oct 2025 18:09  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG100225

Quant Time: Oct 02 18:56:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 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    | 91    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 36.657 | 8.4    | 81    | 0.00     |
| 3    | Pyridine                    | 40.000 | 35.418 | 11.5   | 75    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.031 | 2.4    | 86    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 75.359 | 5.8    | 78    | 0.00     |
| 6    | Aniline                     | 40.000 | 41.109 | -2.8   | 85    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.494 | 3.1    | 79    | 0.01     |
| 8    | 2-Chlorophenol              | 40.000 | 37.094 | 7.3    | 77    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 32.268 | 19.3   | 62    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.413 | 4.0    | 80    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.341 | 6.6    | 78    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.504 | 6.2    | 78    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.872 | 0.3    | 84    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.466 | 3.8    | 82    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.756 | -1.9   | 86    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.204 | 4.5    | 81    | 0.01     |
| 17   | 2-Methylphenol              | 40.000 | 38.553 | 3.6    | 80    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.877 | 5.3    | 82    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 40.984 | -2.5   | 83    | 0.01     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.893 | 2.8    | 81    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 92    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.906 | 0.2    | 86    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 72.999 | 8.8    | 79    | 0.01     |
| 24   | Nitrobenzene                | 40.000 | 37.170 | 7.1    | 80    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.198 | 2.0    | 84    | 0.01     |
| 26 C | 2-Nitrophenol               | 40.000 | 35.388 | 11.5   | 78    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.959 | -4.9   | 91    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.540 | 3.7    | 81    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.857 | 2.9    | 85    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.743 | 3.1    | 84    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.491 | 3.8    | 82    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.223 | -0.6   | 87    | 0.05     |
| 33   | 4-Chloroaniline             | 40.000 | 42.784 | -7.0   | 93    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.587 | 8.5    | 81    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.812 | 3.0    | 86    | 0.02     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.389 | 4.0    | 83    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 35.191 | 12.0   | 76    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.933 | 7.7    | 81    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 95    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.511 | 3.7    | 84    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 50.483 | -26.2# | 112   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 76.705 | 4.1    | 87    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.030 | 2.4    | 86    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.827 | 5.4    | 85    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.539 | 6.8    | 84    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.735 | 3.2    | 87    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.716 | 5.7    | 84    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
 Data File : BG064482.D  
 Acq On : 2 Oct 2025 18:09  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG100225

Quant Time: Oct 02 18:56:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 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 | 39.151 | 2.1  | 86    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 43.842 | -9.6 | 98    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.903 | 5.2  | 87    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.742 | 3.1  | 89    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 36.666 | 8.3  | 83    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.727 | -1.8 | 91    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 33.540 | 16.2 | 91    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.141 | 4.6  | 87    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.712 | 0.7  | 86    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.388 | 1.5  | 89    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.456 | 1.4  | 89    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.021 | -0.1 | 89    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.317 | 4.2  | 89    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.432 | 8.9  | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.435 | -3.6 | 93    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.553 | 3.6  | 89    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 100   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.834 | 5.4  | 91    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.465 | 6.3  | 88    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 36.819 | 8.0  | 85    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.821 | 7.9  | 86    | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.076 | -5.2 | 100   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 36.025 | 9.9  | 84    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.108 | 7.2  | 87    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.159 | 4.6  | 89    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.673 | 0.8  | 91    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.852 | 2.9  | 90    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.739 | 3.2  | 91    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 102   | 0.00     |
| 77   | Benzidine                  | 40.000 | 43.772 | -9.4 | 85    | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.856 | 7.9  | 88    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 76.071 | 4.9  | 91    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.565 | 6.1  | 89    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.867 | 5.3  | 91    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.355 | -5.9 | 102   | 0.00     |
| 83   | Chrysene                   | 40.000 | 36.434 | 8.9  | 87    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 37.082 | 7.3  | 89    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 36.720 | 8.2  | 88    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 101   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 37.816 | 5.5  | 89    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.423 | 6.4  | 89    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.643 | 0.9  | 93    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.468 | 1.3  | 93    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 38.585 | 3.5  | 91    | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.498 | 1.3  | 93    | 0.02     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
Data File : BG064482.D  
Acq On : 2 Oct 2025 18:09  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG100225

Quant Time: Oct 02 18:56:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 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



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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>AEC002</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3375</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>10/20/2025 13:28</u>      |
| Lab File ID:    | <u>BF143997.D</u> | Init. Calib. Date(s):  | <u>10/06/2025 10/06/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:59 14:22</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|-----------------------------|-------|--------|------------|------|-------|
| 2-Fluorophenol              | 1.259 | 1.277  |            | 1.4  |       |
| Benzaldehyde                | 1.158 | 1.204  |            | 4.0  |       |
| Phenol-d6                   | 1.501 | 1.495  |            | -0.4 |       |
| Phenol                      | 1.795 | 1.865  |            | 3.9  | 20.0  |
| bis(2-Chloroethyl)ether     | 1.386 | 1.393  |            | 0.5  |       |
| 2-Chlorophenol              | 1.231 | 1.238  |            | 0.6  |       |
| 2-Methylphenol              | 1.017 | 1.013  |            | -0.4 |       |
| 2,2-oxybis(1-Chloropropane) | 3.156 | 3.251  |            | 3.0  |       |
| Acetophenone                | 0.423 | 0.408  |            | -3.5 |       |
| 3+4-Methylphenols           | 1.179 | 1.202  |            | 2.0  |       |
| n-Nitroso-di-n-propylamine  | 1.028 | 0.963  | 0.050      | -6.3 |       |
| Nitrobenzene-d5             | 0.329 | 0.338  |            | 2.7  |       |
| Hexachloroethane            | 0.485 | 0.497  |            | 2.5  |       |
| Nitrobenzene                | 0.366 | 0.371  |            | 1.4  |       |
| Isophorone                  | 0.694 | 0.660  |            | -4.9 |       |
| 2-Nitrophenol               | 0.157 | 0.179  |            | 14.0 | 20.0  |
| 2,4-Dimethylphenol          | 0.282 | 0.286  |            | 1.4  |       |
| bis(2-Chloroethoxy)methane  | 0.438 | 0.428  |            | -2.3 |       |
| 2,4-Dichlorophenol          | 0.294 | 0.288  |            | -2.0 | 20.0  |
| Naphthalene                 | 0.910 | 0.892  |            | -2.0 |       |
| 4-Chloroaniline             | 0.341 | 0.339  |            | -0.6 |       |
| Hexachlorobutadiene         | 0.201 | 0.194  |            | -3.5 | 20.0  |
| Caprolactam                 | 0.093 | 0.092  |            | -1.1 |       |
| 4-Chloro-3-methylphenol     | 0.282 | 0.273  |            | -3.2 | 20.0  |
| 2-Methylnaphthalene         | 0.606 | 0.583  |            | -3.8 |       |
| Hexachlorocyclopentadiene   | 0.229 | 0.236  | 0.050      | 3.1  |       |
| 2,4,6-Trichlorophenol       | 0.404 | 0.405  |            | 0.2  | 20.0  |
| 2-Fluorobiphenyl            | 1.260 | 1.168  |            | -7.3 |       |
| 2,4,5-Trichlorophenol       | 0.427 | 0.422  |            | -1.2 |       |
| 1,1-Biphenyl                | 1.324 | 1.296  |            | -2.1 |       |
| 2-Chloronaphthalene         | 1.104 | 1.104  |            | 0.0  |       |
| 2-Nitroaniline              | 0.349 | 0.369  |            | 5.7  |       |
| Dimethylphthalate           | 1.270 | 1.238  |            | -2.5 |       |
| Acenaphthylene              | 1.552 | 1.553  |            | 0.1  |       |
| 2,6-Dinitrotoluene          | 0.236 | 0.262  |            | 11.0 |       |
| 3-Nitroaniline              | 0.288 | 0.307  |            | 6.6  |       |
| Acenaphthene                | 1.017 | 0.995  |            | -2.2 | 20.0  |
| 2,4-Dinitrophenol           | 0.118 | 0.112  | 0.050      | -5.1 |       |
| 4-Nitrophenol               | 0.218 | 0.209  | 0.050      | -4.1 |       |





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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>AECO02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3375</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>10/20/2025 13:28</u>      |
| Lab File ID:    | <u>BF143997.D</u> | Init. Calib. Date(s):  | <u>10/06/2025 10/06/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:59 14:22</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|----------------------------|-------|--------|------------|-------|-------|
| Dibenzofuran               | 1.436 | 1.417  |            | -1.3  |       |
| 2,4-Dinitrotoluene         | 0.320 | 0.364  |            | 13.8  |       |
| Diethylphthalate           | 1.180 | 1.162  |            | -1.5  |       |
| 4-Chlorophenyl-phenylether | 0.573 | 0.563  |            | -1.7  |       |
| Fluorene                   | 1.083 | 1.040  |            | -4.0  |       |
| 4-Nitroaniline             | 0.277 | 0.284  |            | 2.5   |       |
| 4,6-Dinitro-2-methylphenol | 0.101 | 0.110  |            | 8.9   |       |
| n-Nitrosodiphenylamine     | 0.628 | 0.625  |            | -0.5  | 20.0  |
| 2,4,6-Tribromophenol       | 0.199 | 0.198  |            | -0.5  |       |
| 4-Bromophenyl-phenylether  | 0.221 | 0.220  |            | -0.5  |       |
| Hexachlorobenzene          | 0.256 | 0.254  |            | -0.8  |       |
| Atrazine                   | 0.190 | 0.186  |            | -2.1  |       |
| Pentachlorophenol          | 0.147 | 0.131  |            | -10.9 | 20.0  |
| Phenanthrene               | 0.970 | 0.966  |            | -0.4  |       |
| Anthracene                 | 0.980 | 0.968  |            | -1.2  |       |
| Carbazole                  | 0.868 | 0.858  |            | -1.2  |       |
| Di-n-butylphthalate        | 1.005 | 1.014  |            | 0.9   |       |
| Fluoranthene               | 1.002 | 0.979  |            | -2.3  | 20.0  |
| Pyrene                     | 1.667 | 1.712  |            | 2.7   |       |
| Terphenyl-d14              | 1.170 | 1.223  |            | 4.5   |       |
| Butylbenzylphthalate       | 0.542 | 0.563  |            | 3.9   |       |
| 3,3-Dichlorobenzidine      | 0.399 | 0.393  |            | -1.5  |       |
| Benzo (a) anthracene       | 1.309 | 1.276  |            | -2.5  |       |
| Chrysene                   | 1.211 | 1.205  |            | -0.5  |       |
| Bis(2-ethylhexyl)phthalate | 0.653 | 0.643  |            | -1.5  |       |
| Di-n-octyl phthalate       | 1.072 | 1.026  |            | -4.3  | 20.0  |
| Benzo (b) fluoranthene     | 1.149 | 1.090  |            | -5.1  |       |
| Benzo (k) fluoranthene     | 1.063 | 1.091  |            | 2.6   |       |
| Benzo (a) pyrene           | 0.996 | 1.015  |            | 1.9   | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.225 | 1.431  |            | 16.8  |       |
| Dibenzo (a,h) anthracene   | 0.986 | 1.159  |            | 17.5  |       |
| Benzo (g,h,i) perylene     | 0.986 | 1.153  |            | 16.9  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.553 | 0.560  |            | 1.3   |       |
| 1,4-Dioxane                | 0.583 | 0.607  |            | 4.1   | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.298  |            | -1.3  |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF143997.D  
 Acq On : 20 Oct 2025 13:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 108923   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 424804   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 230266   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 385198   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 224376   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 212318   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 556406   | 81.118 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 651473   | 79.683 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 574397   | 82.149 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 182619   | 79.625 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1076099  | 74.153 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 1098074  | 83.641 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.634  | 88   | 132203   | 41.651 | ng    | 96       |
| 3) Pyridine                   | 3.405  | 79   | 371861   | 40.244 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.352  | 42   | 182244   | 37.492 | ng    | 94       |
| 6) Aniline                    | 6.545  | 93   | 482464   | 39.380 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.663  | 128  | 269677   | 40.221 | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 262349   | 41.597 | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 406281   | 41.566 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 303464   | 40.191 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 323149   | 40.264 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 317957   | 40.162 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 308063   | 40.625 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 250750   | 40.933 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 708161   | 41.204 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 220591   | 39.810 | ng    | 99       |
| 18) Hexachloroethane          | 7.392  | 117  | 108316   | 41.025 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.293  | 70   | 209767   | 37.483 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 261837   | 40.771 | ng    | 95       |
| 22) Acetophenone              | 7.293  | 105  | 346907   | 38.622 | ng    | 99       |
| 24) Nitrobenzene              | 7.463  | 77   | 314885   | 40.553 | ng    | 97       |
| 25) Isophorone                | 7.704  | 82   | 561074   | 38.057 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 152343   | 45.762 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 242907   | 40.563 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 363320   | 39.012 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 244787   | 39.243 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 242977   | 39.607 | ng    | 99       |
| 31) Naphthalene               | 8.187  | 128  | 758157   | 39.234 | ng    | 100      |
| 32) Benzoic acid              | 7.922  | 122  | 156304   | 37.714 | ng    | 99       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 287656   | 39.691 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 165202   | 38.752 | ng    | 97       |
| 35) Caprolactam               | 8.604  | 113  | 78033    | 39.344 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 231734   | 38.675 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 495354   | 38.483 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.981  | 142  | 480130   | 38.454 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 257851   | 40.516 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.034  | 237  | 108840   | 41.223 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 186670   | 40.143 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF143997.D  
 Acq On : 20 Oct 2025 13:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

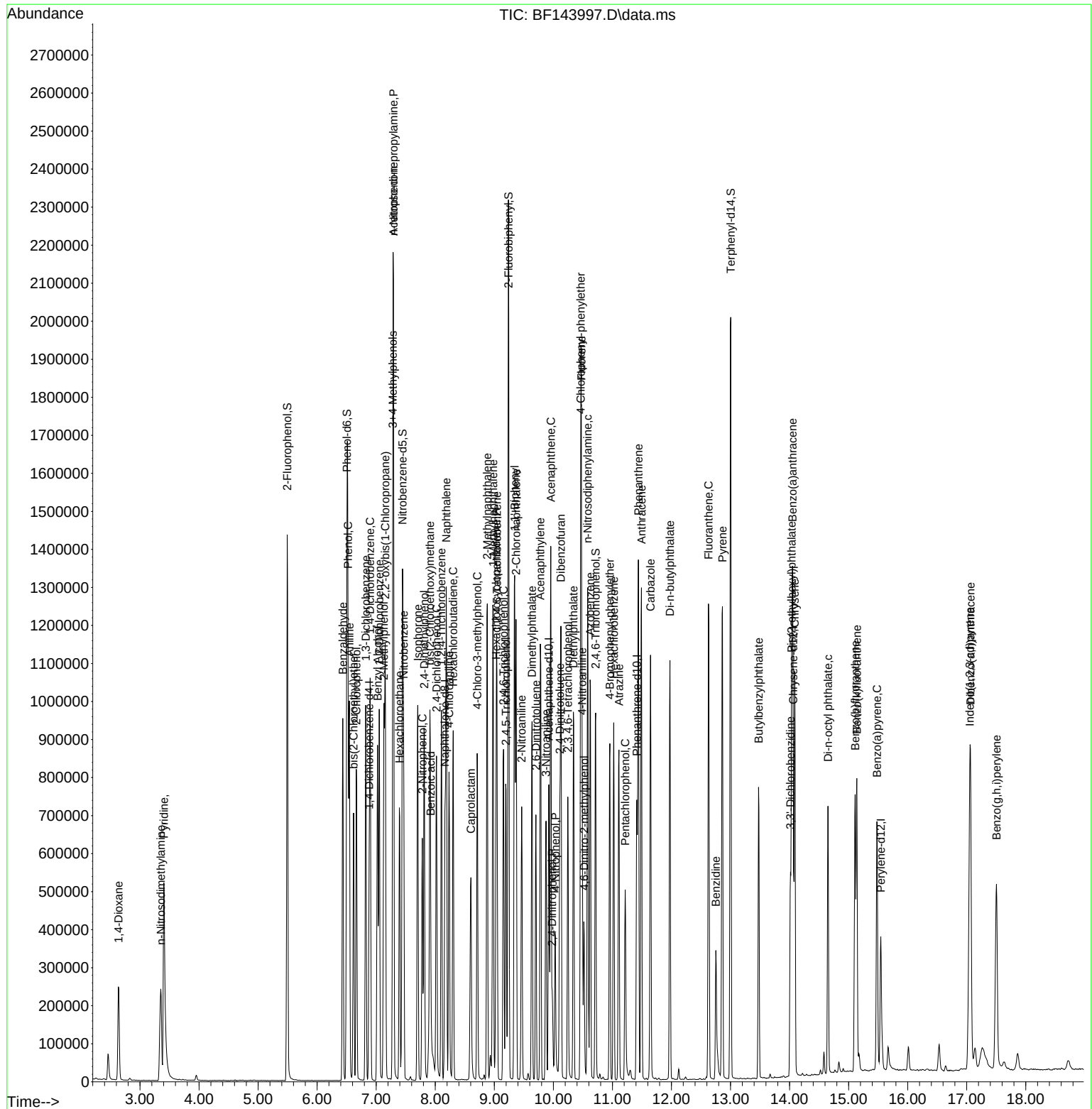
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 194558   | 39.592 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 597014   | 39.160 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 508631   | 40.014 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 169771   | 42.245 | ng    | 94       |
| 49) Acenaphthylene            | 9.781  | 152  | 715169   | 40.020 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 569940   | 38.976 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 120781   | 44.543 | ng    | 97       |
| 52) Acenaphthene              | 9.957  | 154  | 458028   | 39.116 | ng    | 100      |
| 53) 3-Nitroaniline            | 9.875  | 138  | 141223   | 42.535 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 51582    | 35.105 | ng    | 94       |
| 55) Dibenzofuran              | 10.128 | 168  | 652550   | 39.478 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 96087    | 38.222 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 167503   | 45.401 | ng    | 96       |
| 58) Fluorene                  | 10.475 | 166  | 478793   | 38.388 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 137352   | 39.485 | ng    | # 99     |
| 60) Diethylphthalate          | 10.339 | 149  | 535315   | 39.405 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 259220   | 39.311 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 130811   | 40.972 | ng    | 94       |
| 63) Azobenzene                | 10.622 | 77   | 558403   | 39.330 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 84504    | 43.655 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 481588   | 39.818 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 169268   | 39.762 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 195530   | 39.674 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 143511   | 39.148 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 101251   | 35.771 | ng    | 98       |
| 71) Phenanthrene              | 11.439 | 178  | 744542   | 39.869 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 745746   | 39.529 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 660829   | 39.550 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 781181   | 40.340 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 753991   | 39.088 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 248566   | 31.905 | ng    | 98       |
| 78) Pyrene                    | 12.863 | 202  | 768419   | 41.079 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 252520   | 41.567 | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 572605   | 38.997 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 176158   | 39.367 | ng    | 99       |
| 83) Chrysene                  | 14.086 | 228  | 540703   | 39.788 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 288745   | 39.429 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 460570   | 38.292 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 17.051 | 276  | 607776   | 46.717 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 462937   | 37.957 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 463363   | 41.059 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.480 | 252  | 431094   | 40.764 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.062 | 278  | 491981   | 47.020 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.504 | 276  | 489771   | 46.809 | ng    | 98       |

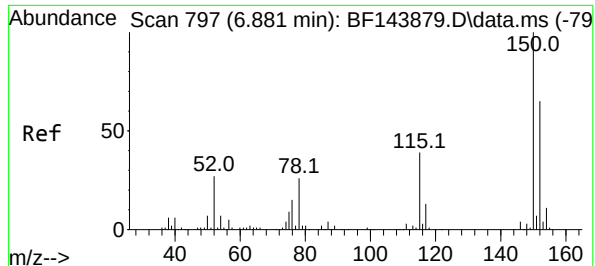
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Data File : BF143997.D  
Acq On    : 20 Oct 2025 13:28  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

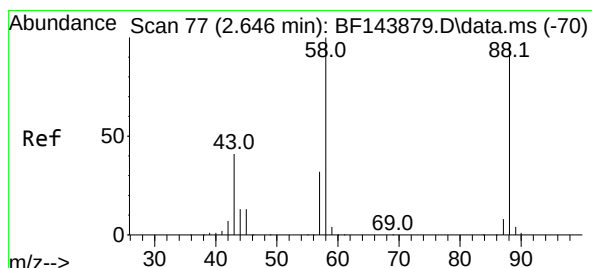
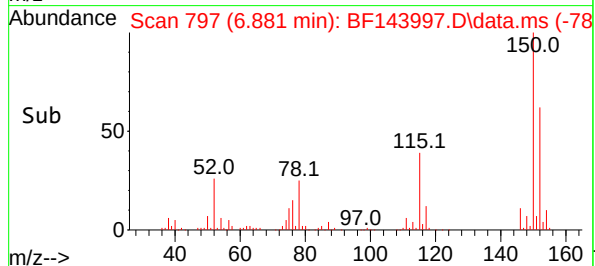
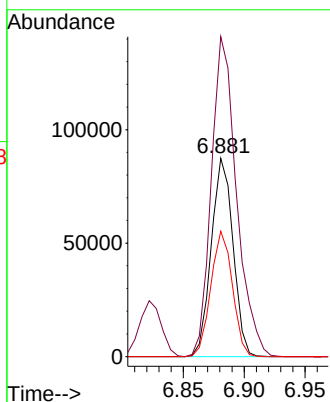
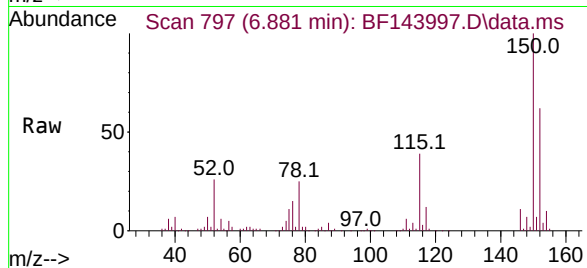




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

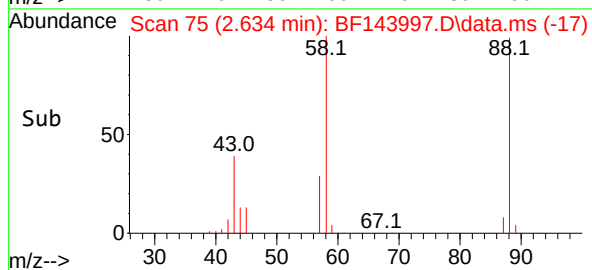
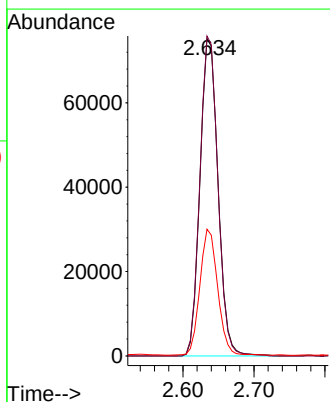
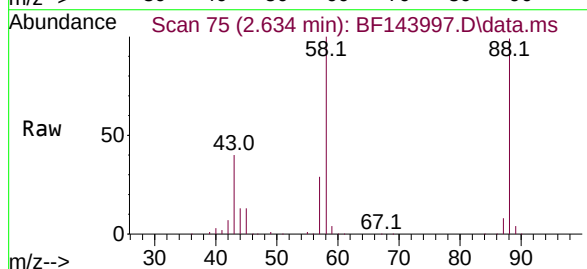
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BNA\_F  
ClientSampleId :  
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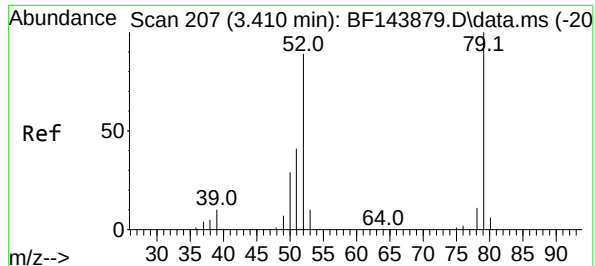
Tgt Ion:152 Resp: 108923  
Ion Ratio Lower Upper  
152 100  
150 161.4 124.4 186.6  
115 63.2 48.1 72.1



#2  
1,4-Dioxane  
Concen: 41.651 ng  
RT: 2.634 min Scan# 75  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion: 88 Resp: 132203  
Ion Ratio Lower Upper  
88 100  
58 100.4 83.0 124.6  
43 39.2 33.9 50.9

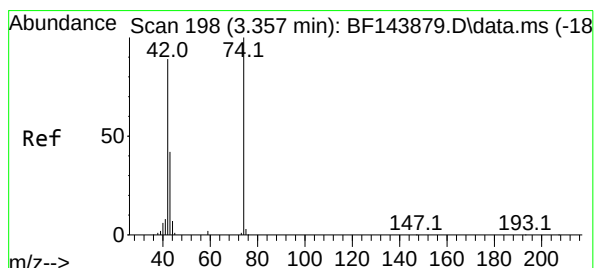
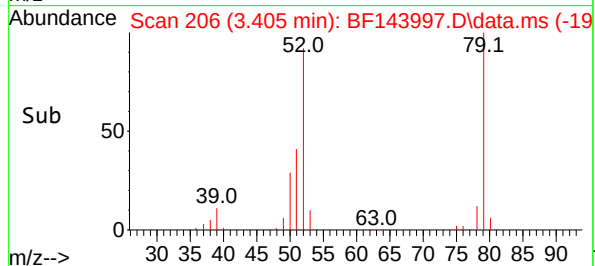
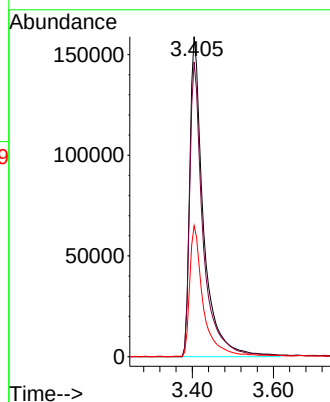
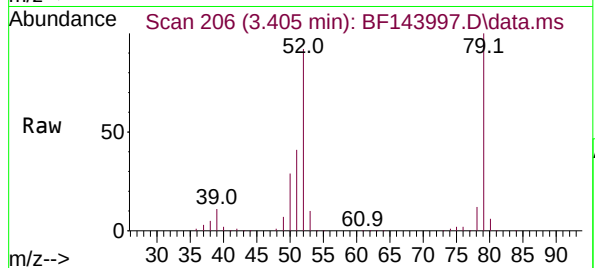




#3  
Pyridine  
Concen: 40.244 ng  
RT: 3.405 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

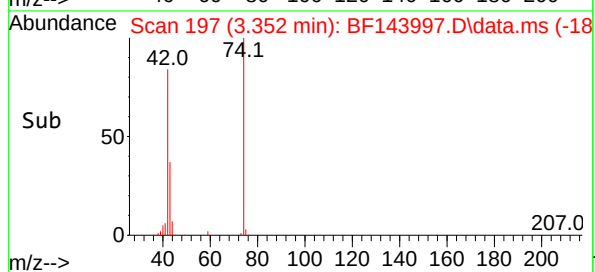
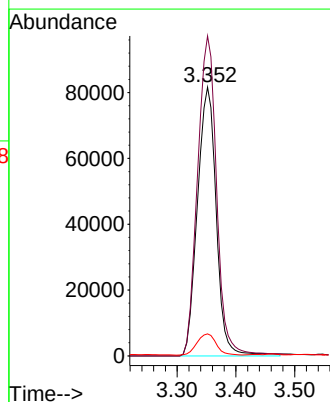
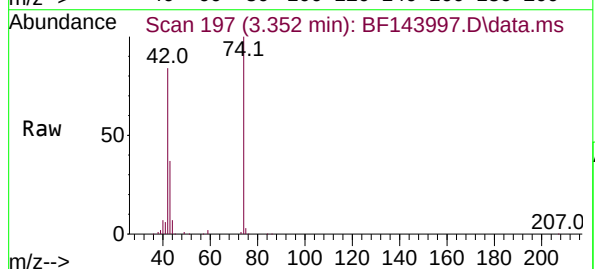
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ClientSampleId :  
SSTDCCC040

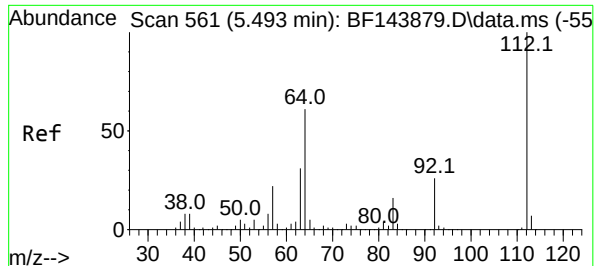
Tgt Ion: 79 Resp: 371861  
Ion Ratio Lower Upper  
79 100  
52 92.0 71.5 107.3  
51 40.9 32.9 49.3



#4  
n-Nitrosodimethylamine  
Concen: 37.492 ng  
RT: 3.352 min Scan# 197  
Delta R.T. -0.035 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion: 42 Resp: 182244  
Ion Ratio Lower Upper  
42 100  
74 119.1 90.0 135.0  
44 8.2 6.2 9.2

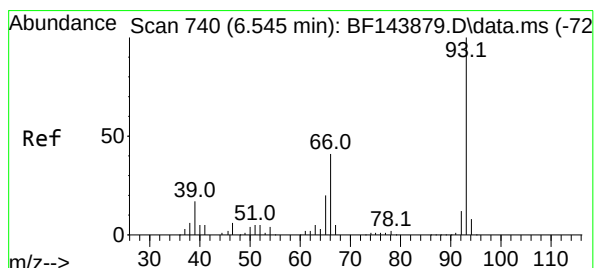
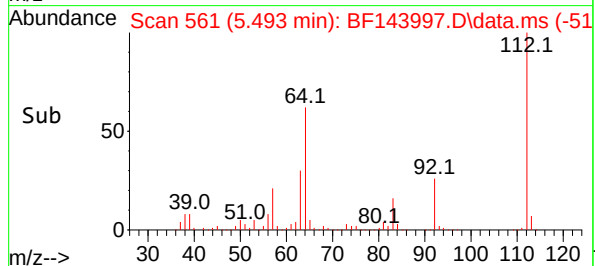
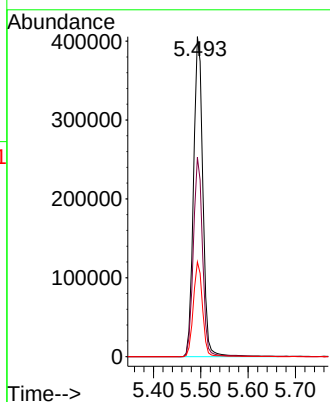
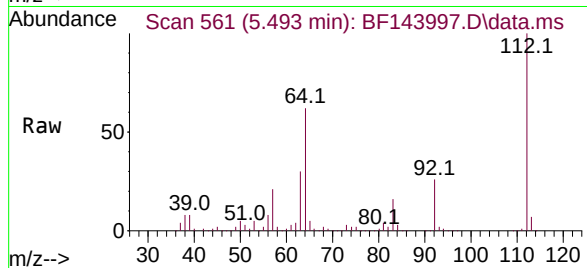




#5  
2-Fluorophenol  
Concen: 81.118 ng  
RT: 5.493 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

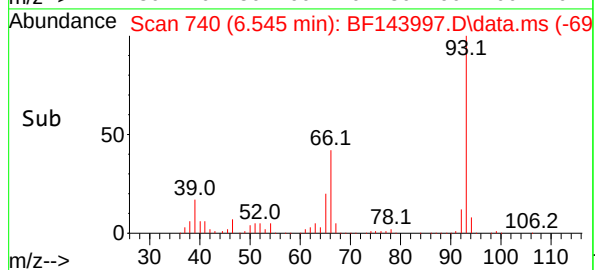
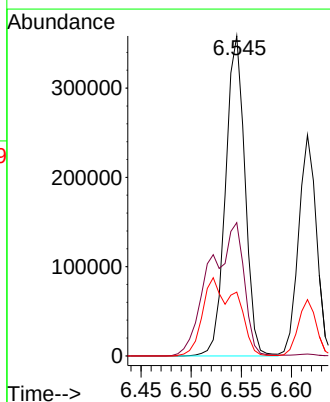
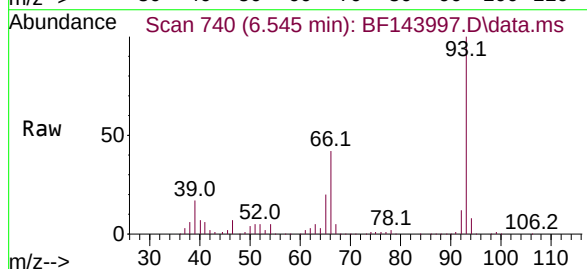
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BNA\_F  
ClientSampleId :  
SSTDCCC040

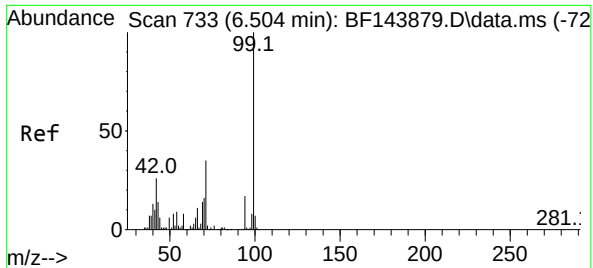
Tgt Ion:112 Resp: 556406  
Ion Ratio Lower Upper  
112 100  
64 62.3 49.1 73.7  
63 29.6 24.5 36.7



#6  
Aniline  
Concen: 39.380 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion: 93 Resp: 482464  
Ion Ratio Lower Upper  
93 100  
66 41.6 33.0 49.6  
65 19.9 15.8 23.8

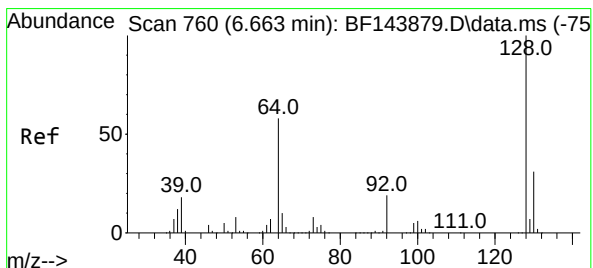
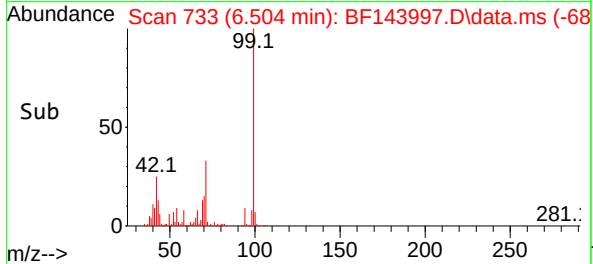
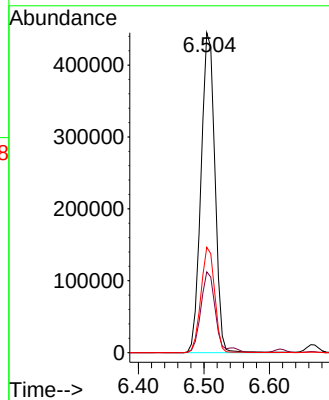
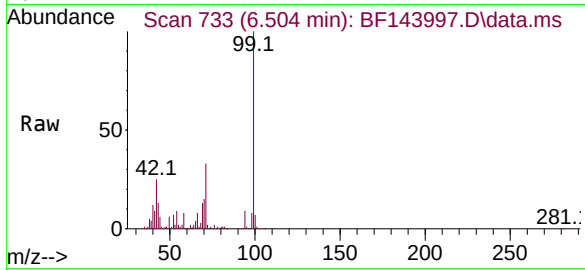




#7  
Phenol-d6  
Concen: 79.683 ng  
RT: 6.504 min Scan# 733  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

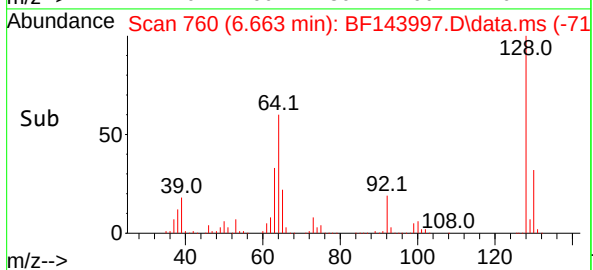
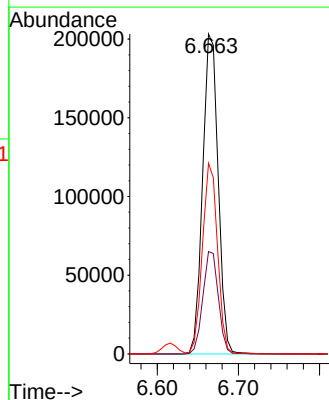
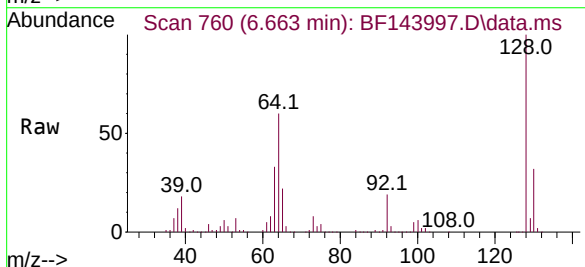
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 651473  
Ion Ratio Lower Upper  
99 100  
42 25.2 21.0 31.4  
71 32.9 27.8 41.8

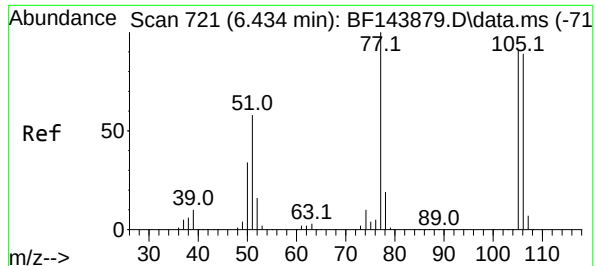


#8  
2-Chlorophenol  
Concen: 40.221 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion: 128 Resp: 269677  
Ion Ratio Lower Upper  
128 100  
130 32.0 10.7 50.7  
64 59.6 39.0 79.0





#9  
Benzaldehyde

Concen: 41.597 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

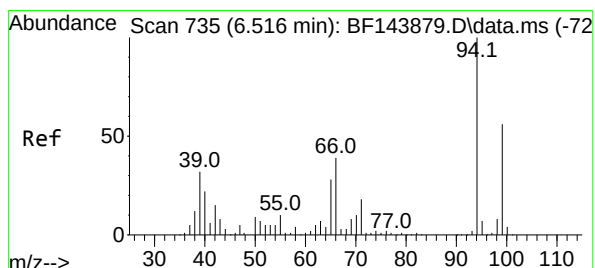
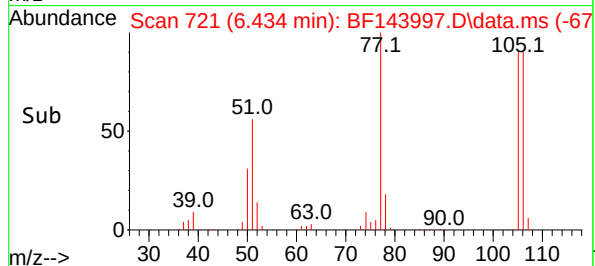
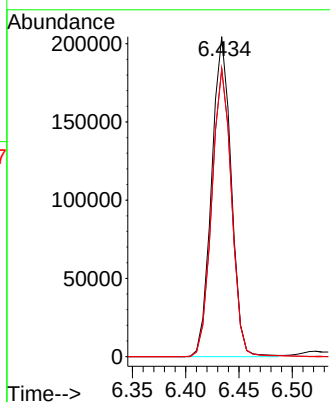
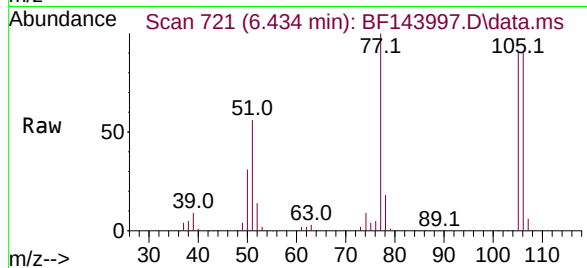
Tgt Ion: 77 Resp: 262349

Ion Ratio Lower Upper

77 100

105 89.9 70.9 110.9

106 90.1 68.9 108.9



#10

Phenol

Concen: 41.566 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

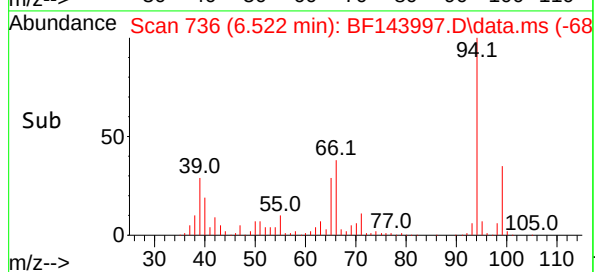
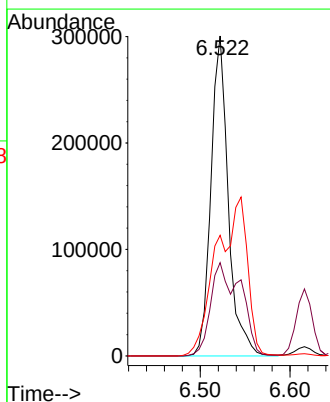
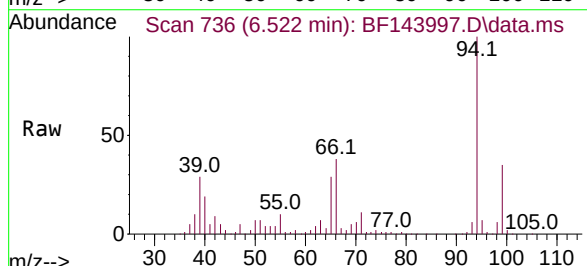
Tgt Ion: 94 Resp: 406281

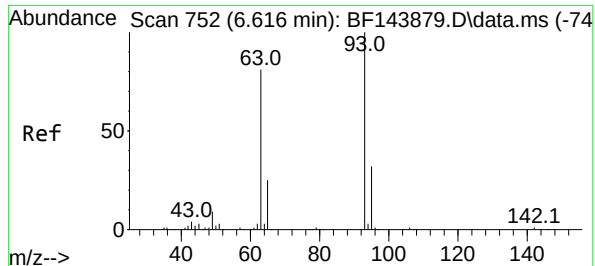
Ion Ratio Lower Upper

94 100

65 29.1 8.5 48.5

66 37.7 19.9 59.9

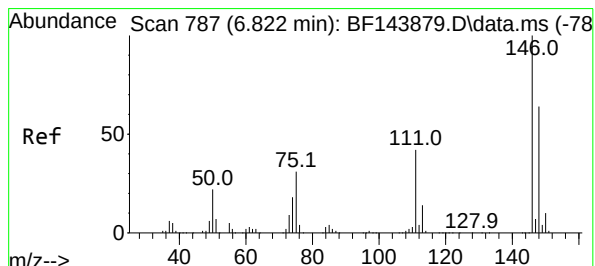
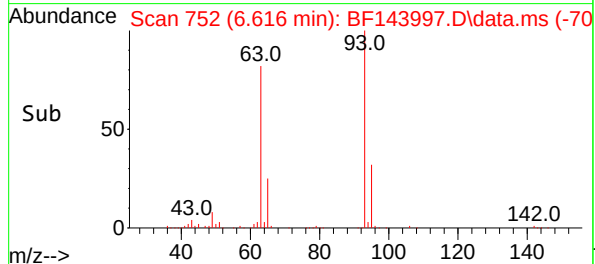
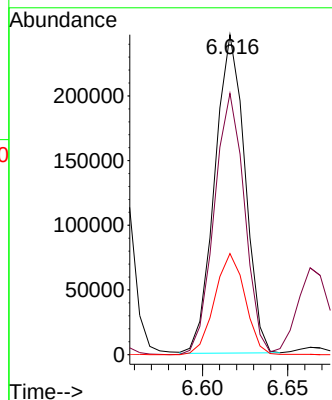
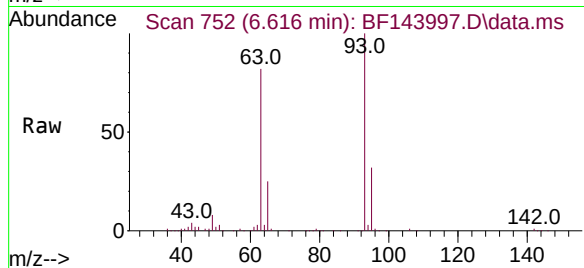




#11  
bis(2-Chloroethyl)ether  
Concen: 40.191 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

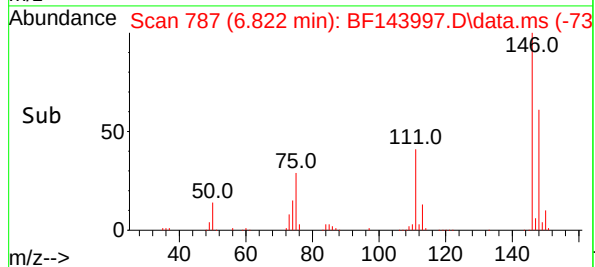
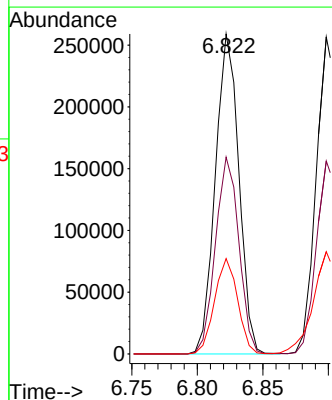
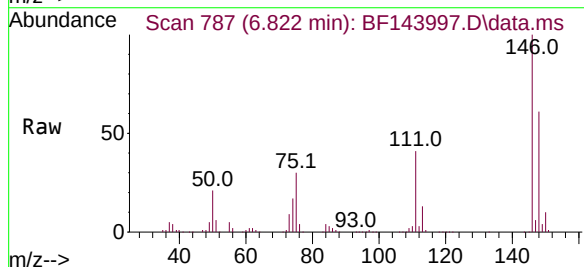
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

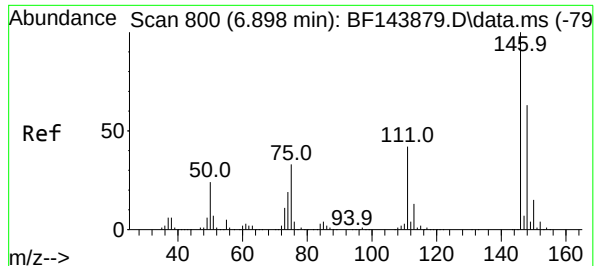
Tgt Ion: 93 Resp: 303464  
Ion Ratio Lower Upper  
93 100  
63 81.6 60.9 100.9  
95 31.6 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 40.264 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion: 146 Resp: 323149  
Ion Ratio Lower Upper  
146 100  
148 61.5 51.0 76.4  
75 29.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 40.162 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

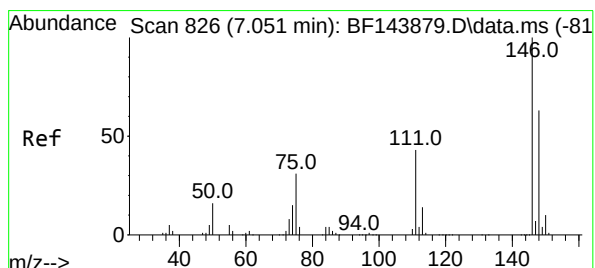
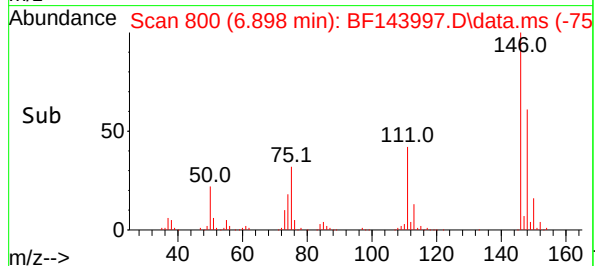
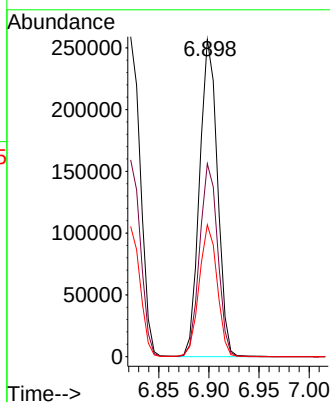
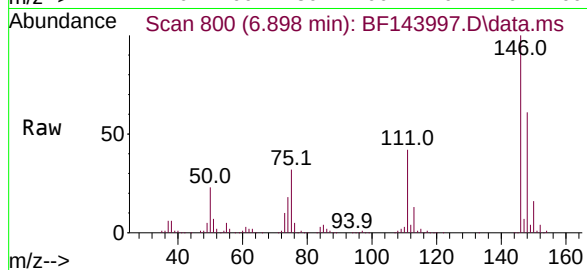
Tgt Ion:146 Resp: 317957

Ion Ratio Lower Upper

146 100

148 60.9 50.5 75.7

111 41.6 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 40.625 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

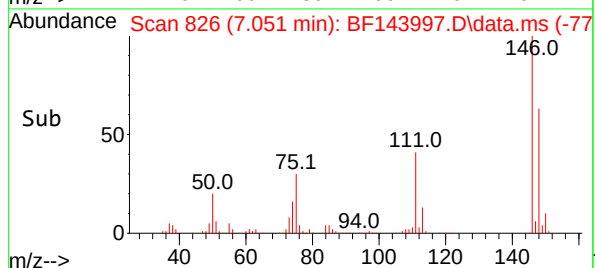
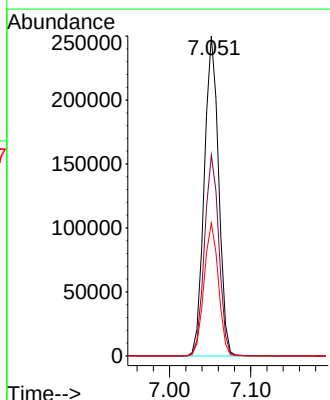
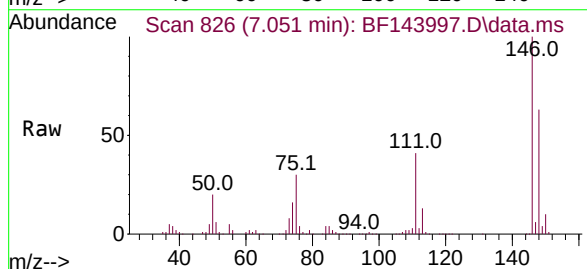
Tgt Ion:146 Resp: 308063

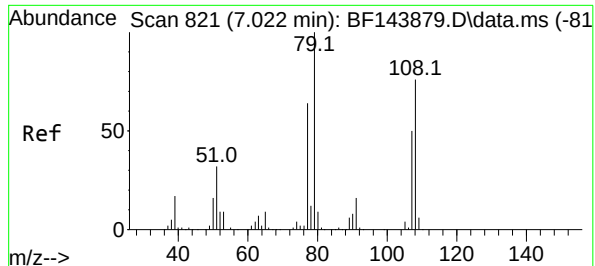
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

111 41.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 40.933 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

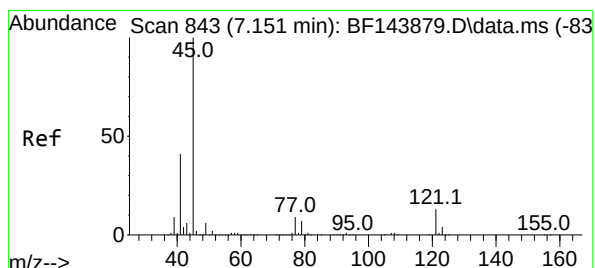
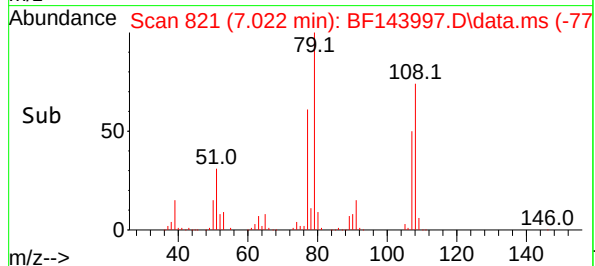
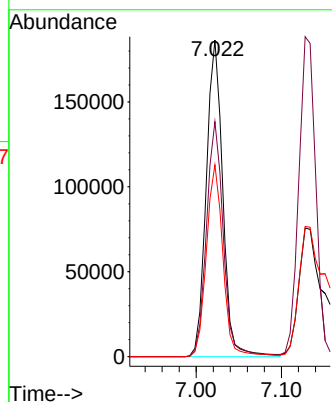
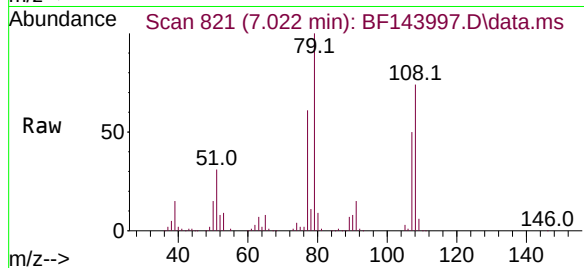
Tgt Ion: 79 Resp: 250750

Ion Ratio Lower Upper

79 100

108 74.3 60.8 91.2

77 60.6 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.204 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

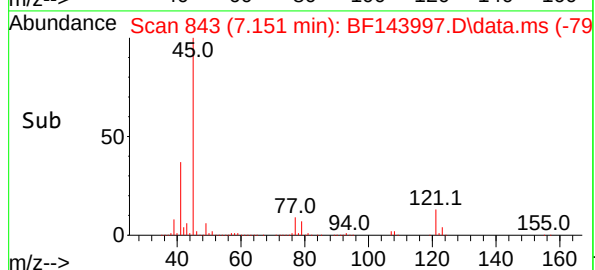
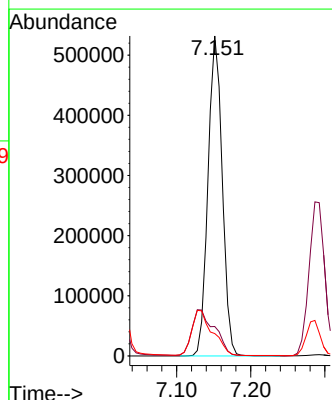
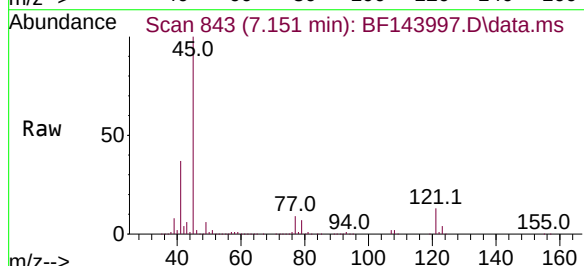
Tgt Ion: 45 Resp: 708161

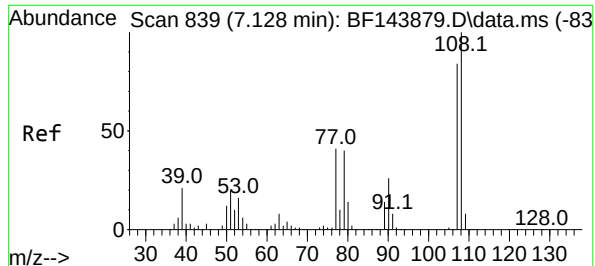
Ion Ratio Lower Upper

45 100

77 9.2 0.0 29.0

79 7.0 0.0 26.8

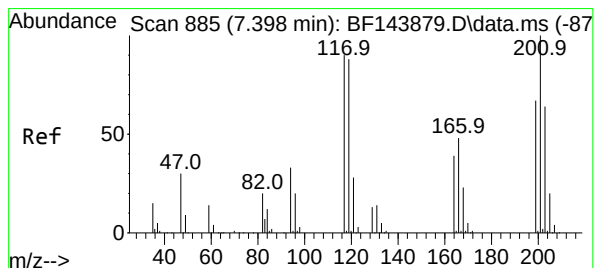
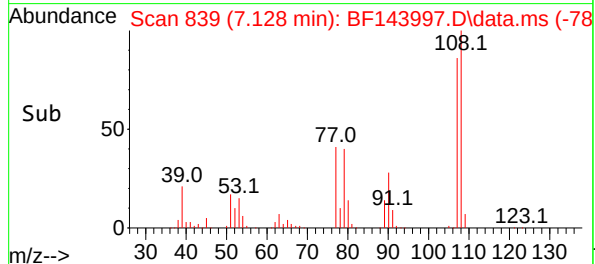
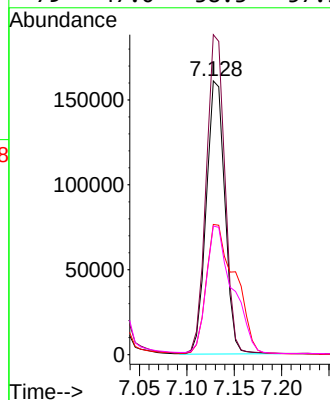
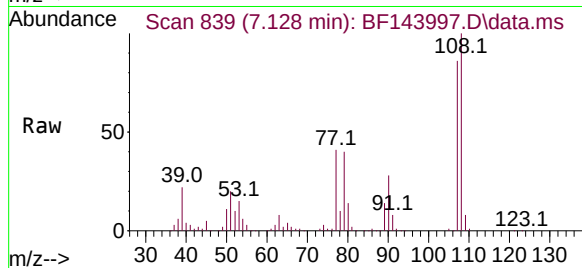




#17  
2-Methylphenol  
Concen: 39.810 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

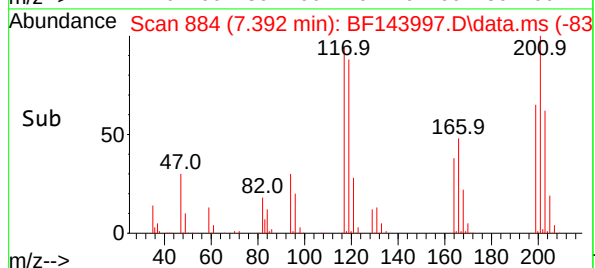
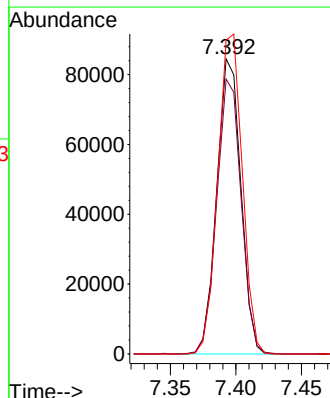
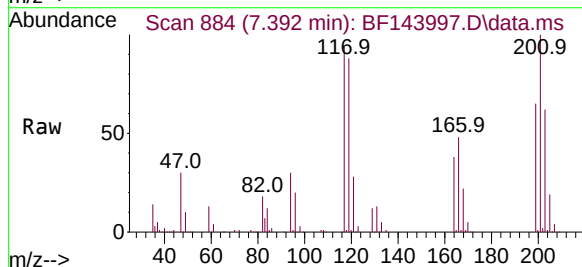
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

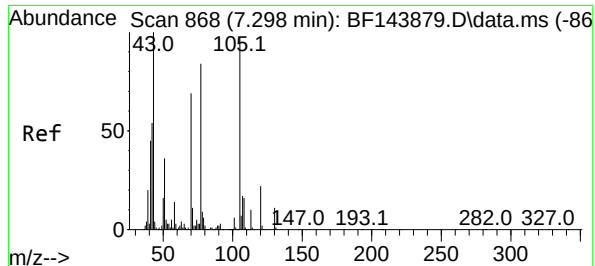
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 220591 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.9 | 94.7  | 142.1  |
| 77       | 47.6  | 38.8  | 58.2   |
| 79       | 47.0  | 38.3  | 57.5   |



#18  
Hexachloroethane  
Concen: 41.025 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 108316 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.1  | 77.8  | 116.8  |
| 201      | 106.3 | 88.5  | 132.7  |





#19

n-Nitroso-di-n-propylamine

Concen: 37.483 ng

RT: 7.293 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 209767

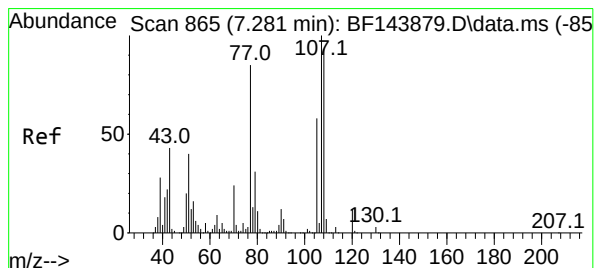
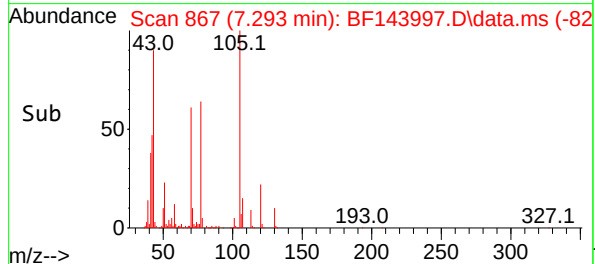
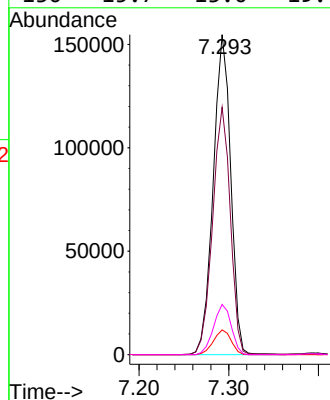
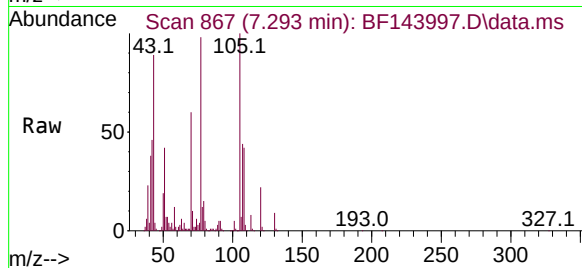
Ion Ratio Lower Upper

70 100

42 77.3 62.8 94.2

101 7.7 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 40.771 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.017 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Tgt Ion:107 Resp: 261837

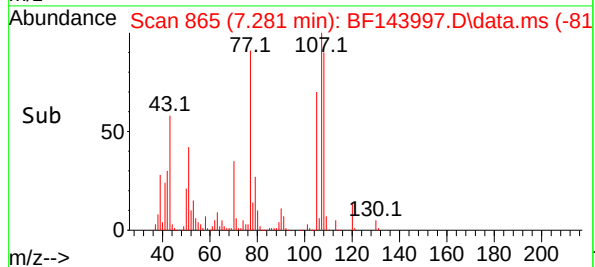
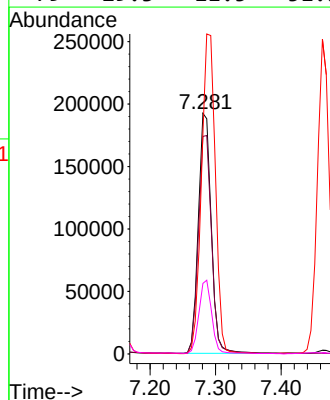
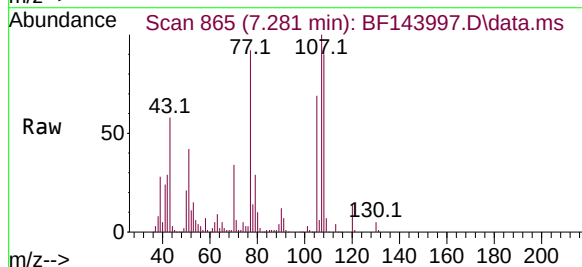
Ion Ratio Lower Upper

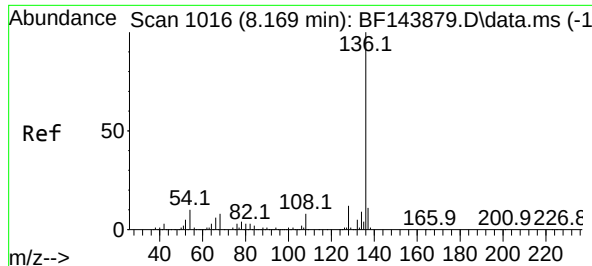
107 100

108 90.5 73.0 113.0

77 91.8 64.6 104.6

79 29.3 11.5 51.5

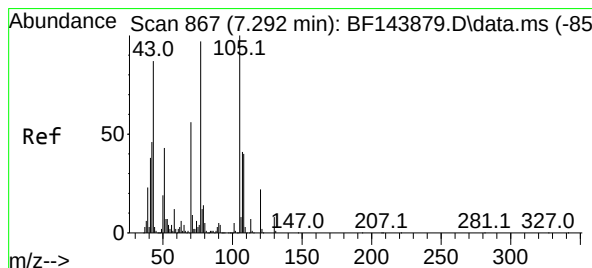
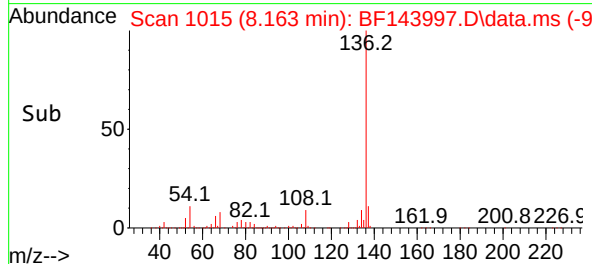
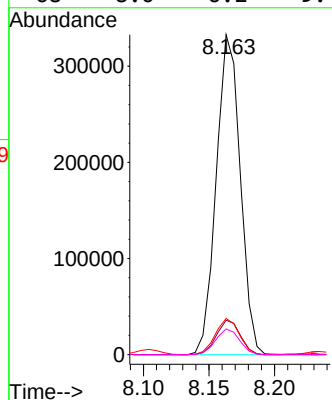
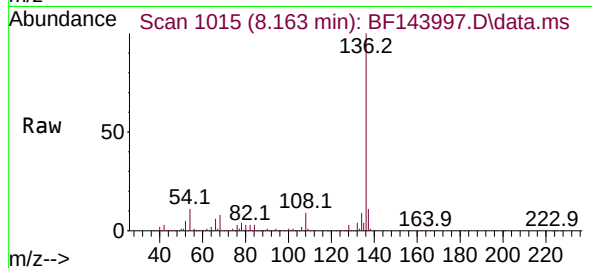




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

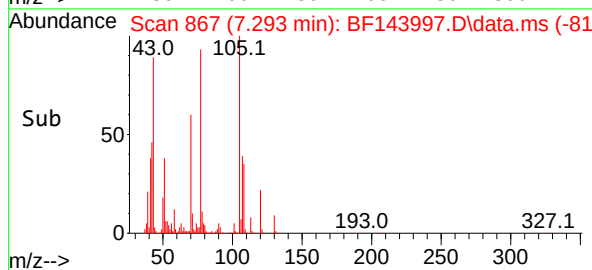
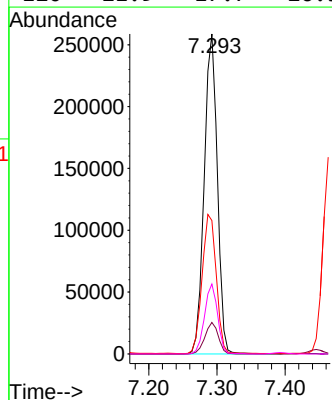
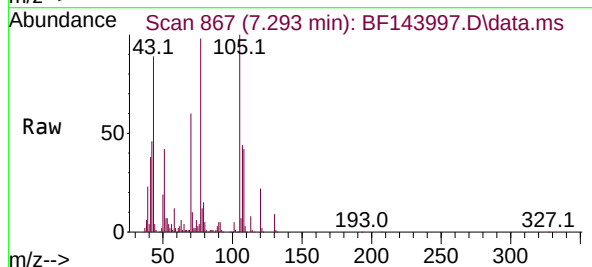
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

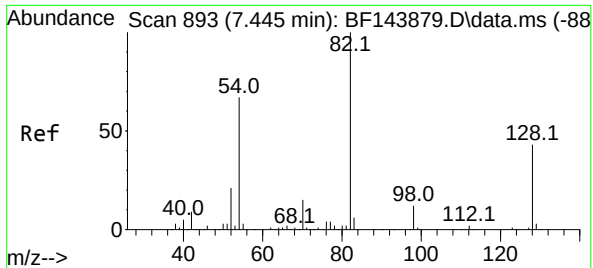
Tgt Ion:136 Resp: 424804  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 11.3 8.2 12.4  
68 8.0 6.2 9.4



#22  
Acetophenone  
Concen: 38.622 ng  
RT: 7.293 min Scan# 867  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion:105 Resp: 346907  
Ion Ratio Lower Upper  
105 100  
71 9.8 7.4 11.0  
51 41.7 34.2 51.4  
120 21.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 82.149 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

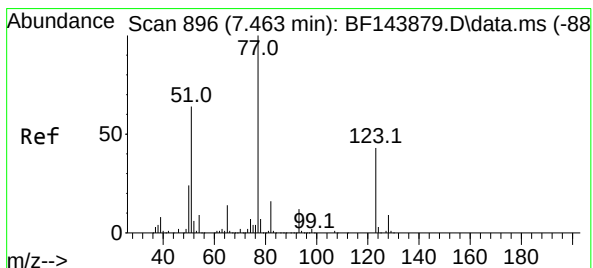
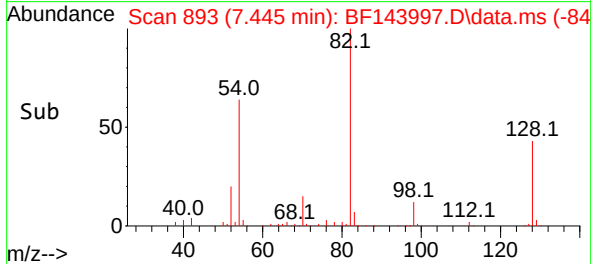
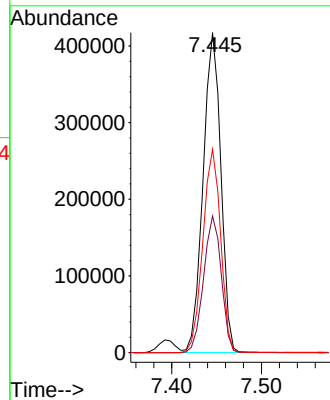
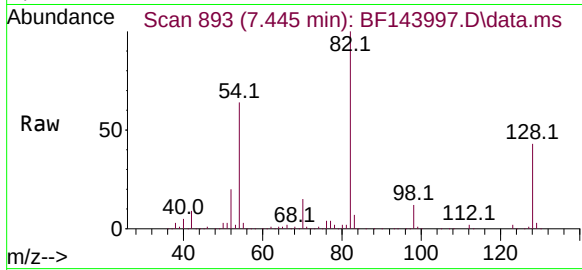
Tgt Ion: 82 Resp: 574397

Ion Ratio Lower Upper

82 100

128 42.7 34.0 51.0

54 63.6 53.2 79.8



#24

Nitrobenzene

Concen: 40.553 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

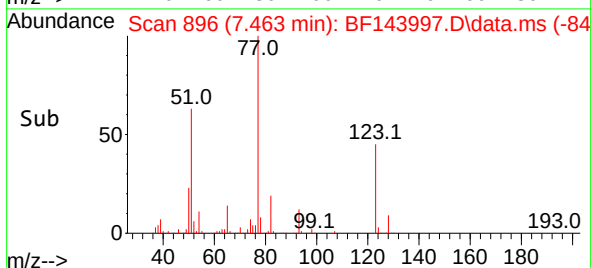
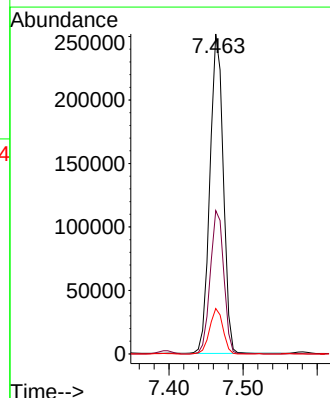
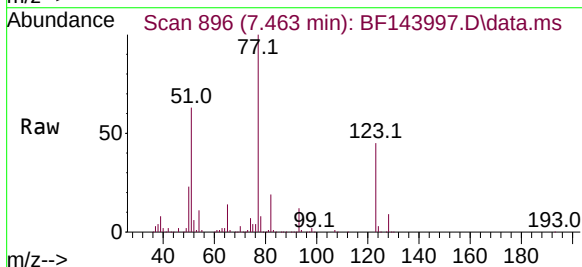
Tgt Ion: 77 Resp: 314885

Ion Ratio Lower Upper

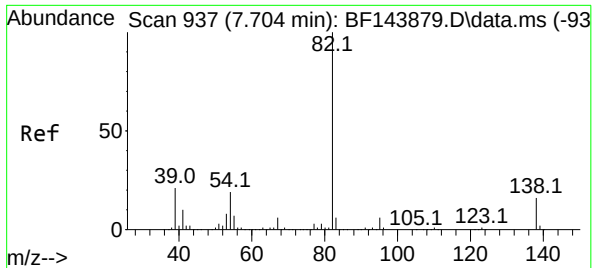
77 100

123 44.8 34.2 51.4

65 14.2 11.0 16.6



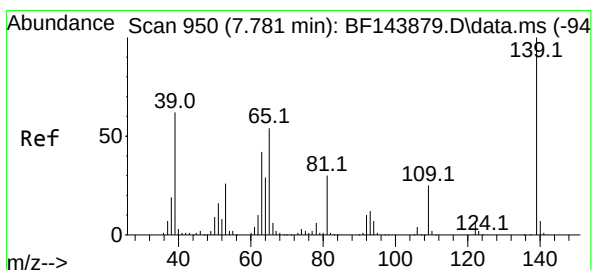
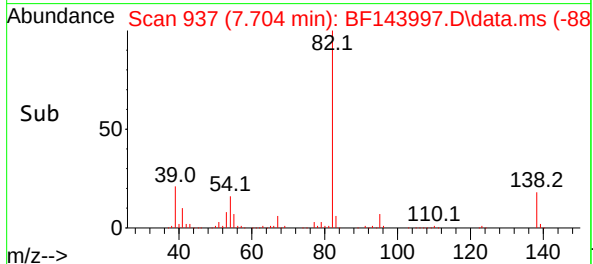
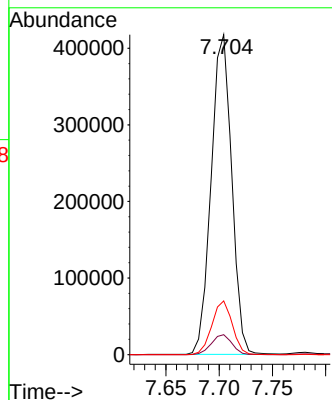
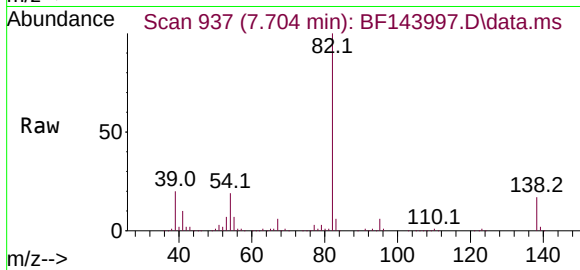




#25  
Isophorone  
Concen: 38.057 ng  
RT: 7.704 min Scan# 937  
Delta R.T. -0.017 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

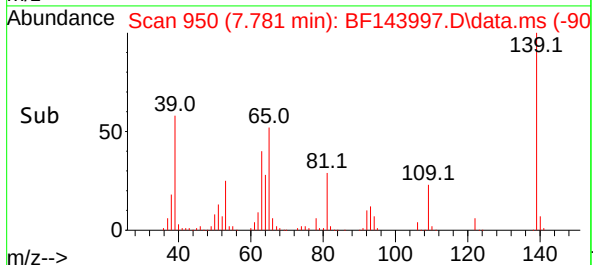
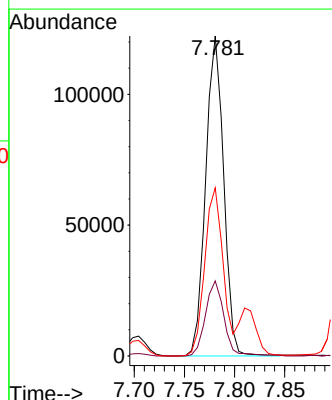
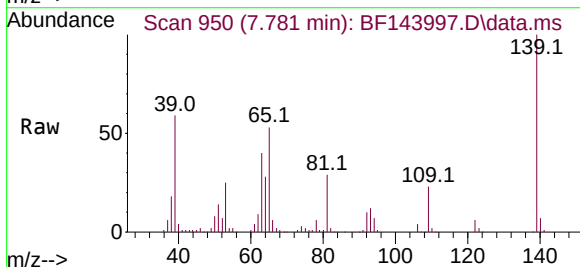
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

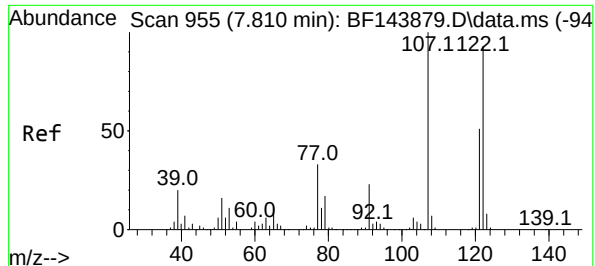
| Tgt Ion   | 82     | 95  | 138  |
|-----------|--------|-----|------|
| Resp:     | 561074 |     |      |
| Ion Ratio | 100    | 6.2 | 16.8 |
| Lower     |        | 5.1 | 12.9 |
| Upper     |        | 7.7 | 19.3 |



#26  
2-Nitrophenol  
Concen: 45.762 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

| Tgt Ion   | 139    | 109  | 65   |
|-----------|--------|------|------|
| Resp:     | 152343 |      |      |
| Ion Ratio | 100    | 23.4 | 52.5 |
| Lower     |        | 19.8 | 42.9 |
| Upper     |        | 29.6 | 64.3 |





#27

2,4-Dimethylphenol

Concen: 40.563 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

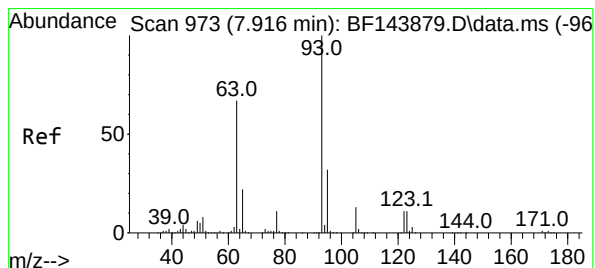
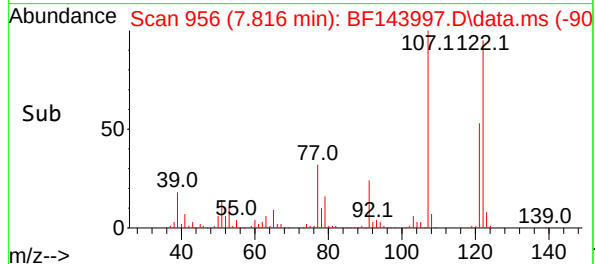
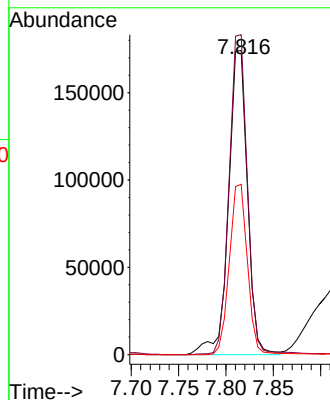
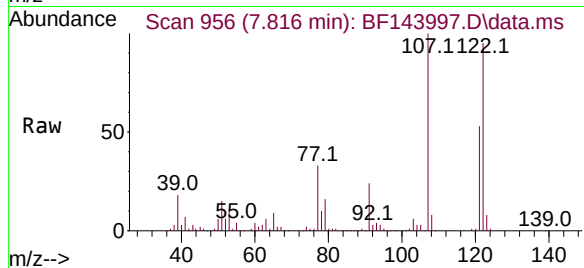
Tgt Ion:122 Resp: 242907

Ion Ratio Lower Upper

122 100

107 105.2 86.1 129.1

121 56.0 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.012 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

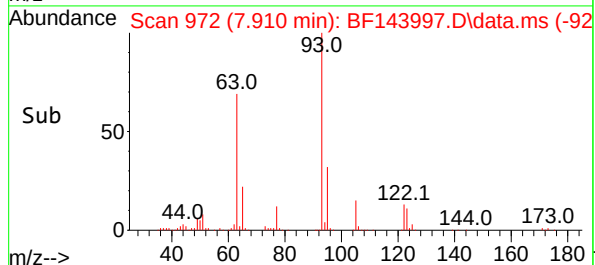
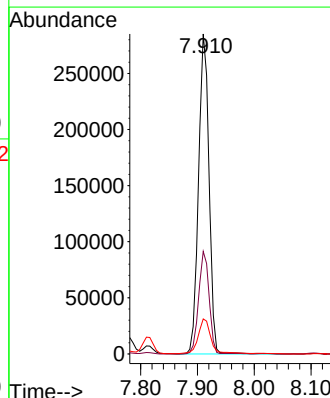
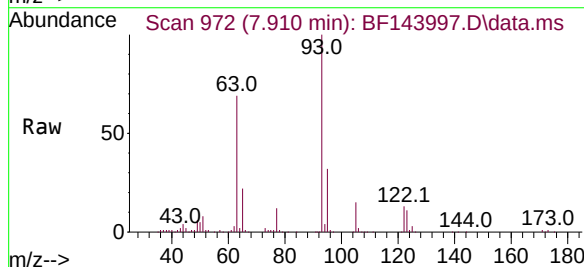
Tgt Ion: 93 Resp: 363320

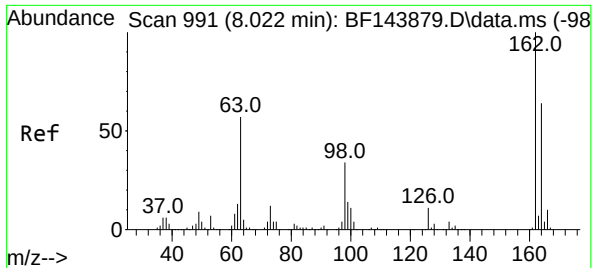
Ion Ratio Lower Upper

93 100

95 32.0 25.9 38.9

123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 39.243 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

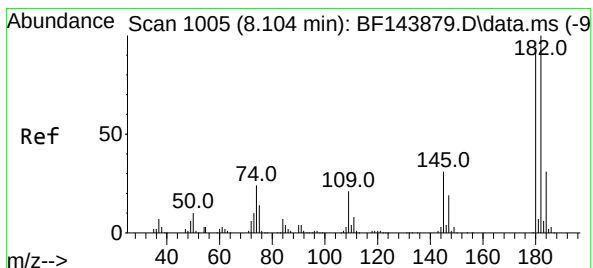
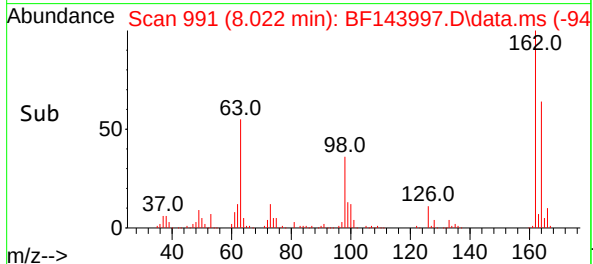
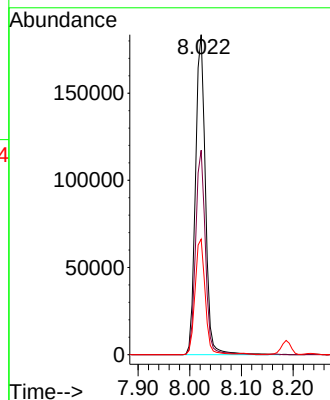
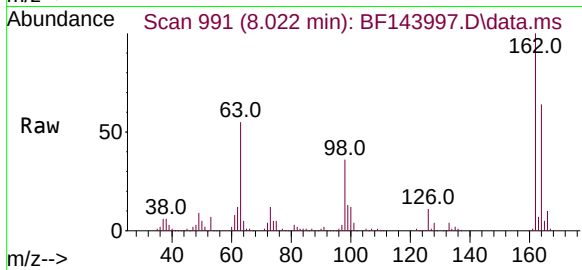
Tgt Ion:162 Resp: 244787

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 36.1 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 39.607 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

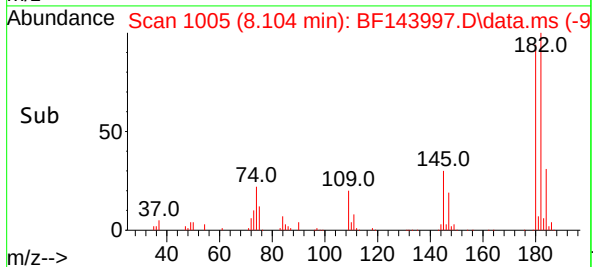
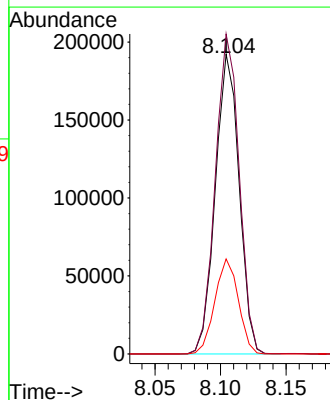
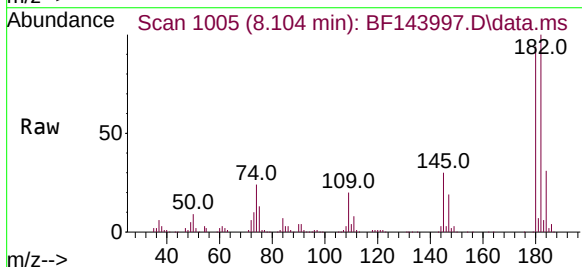
Tgt Ion:180 Resp: 242977

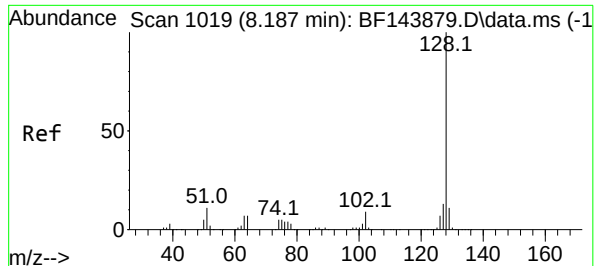
Ion Ratio Lower Upper

180 100

182 106.8 85.4 128.0

145 31.7 26.3 39.5





#31

Naphthalene

Concen: 39.234 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

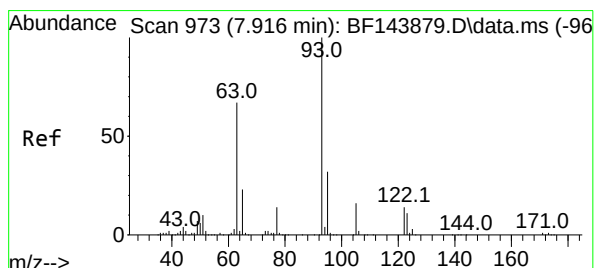
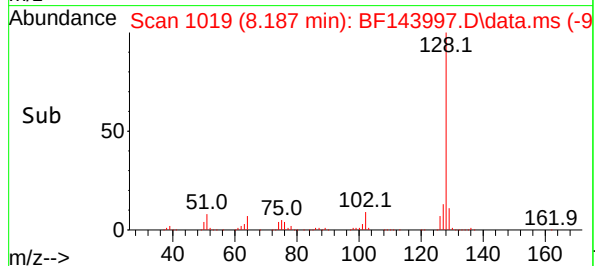
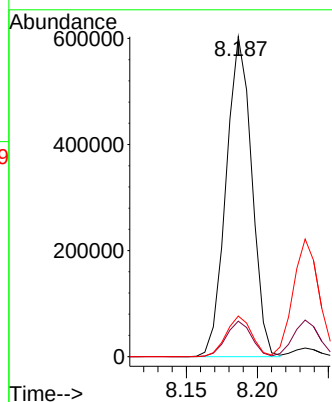
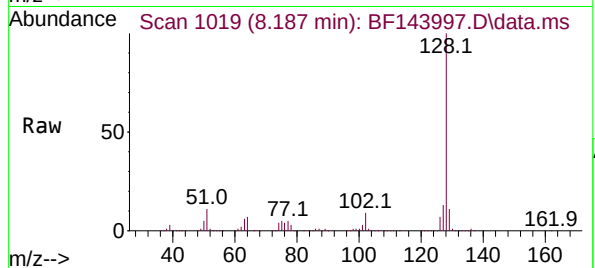
Tgt Ion:128 Resp: 758157

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.7 10.0 15.0



#32

Benzoic acid

Concen: 37.714 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

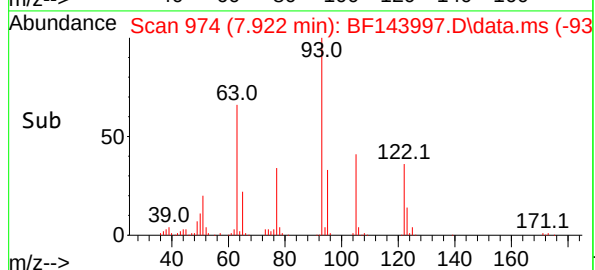
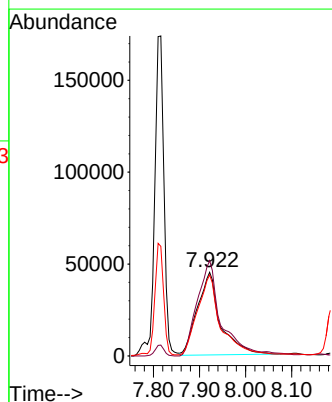
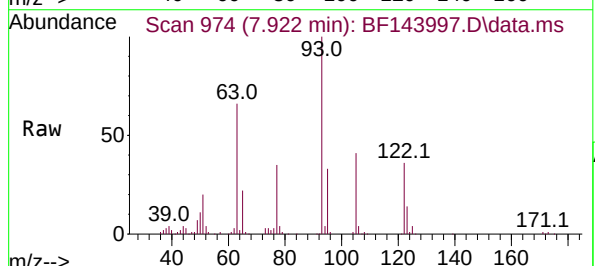
Tgt Ion:122 Resp: 156304

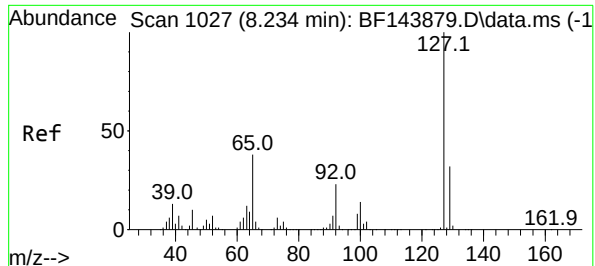
Ion Ratio Lower Upper

122 100

105 114.0 93.5 133.5

77 97.0 76.3 116.3





#33

4-Chloroaniline

Concen: 39.691 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 287656

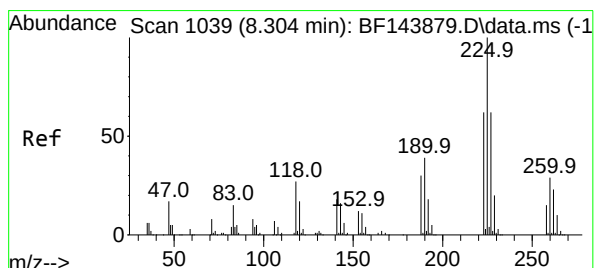
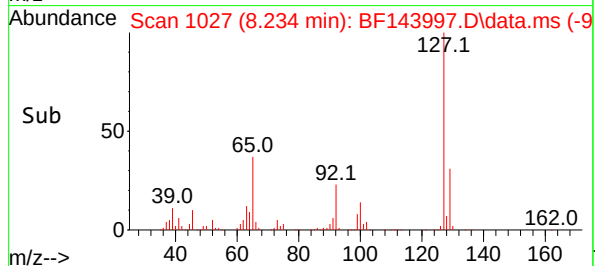
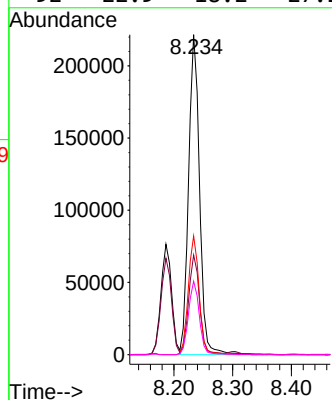
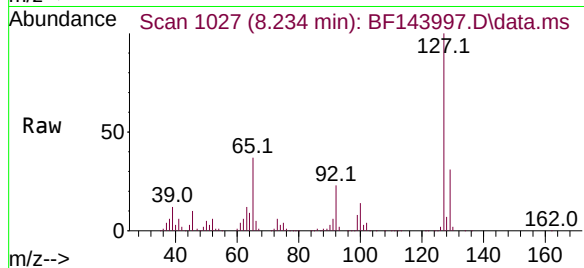
Ion Ratio Lower Upper

127 100

129 31.1 25.8 38.8

65 37.1 30.0 45.0

92 22.9 18.2 27.2



#34

Hexachlorobutadiene

Concen: 38.752 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

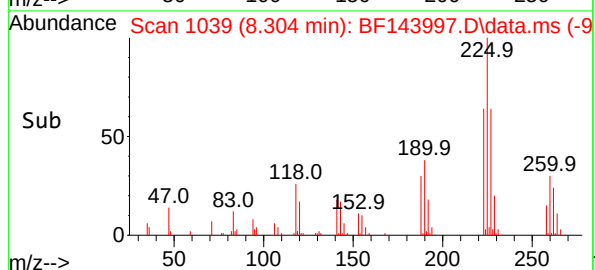
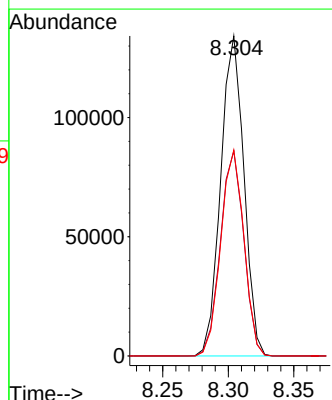
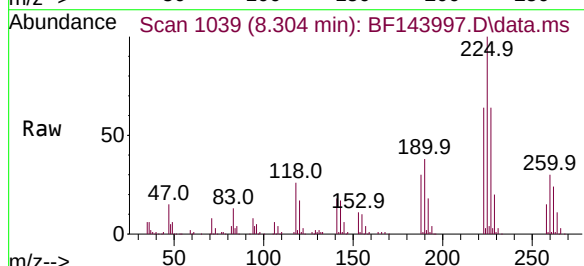
Tgt Ion:225 Resp: 165202

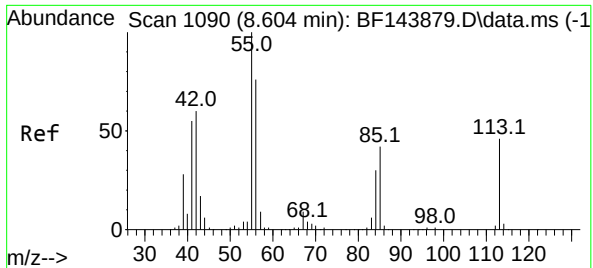
Ion Ratio Lower Upper

225 100

223 64.0 49.4 74.2

227 64.3 49.7 74.5





#35

Caprolactam

Concen: 39.344 ng

RT: 8.604 min Scan# 1090

Delta R.T. -0.041 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

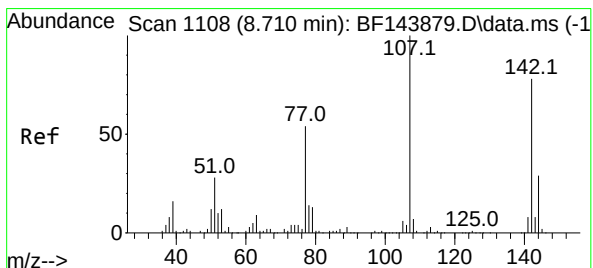
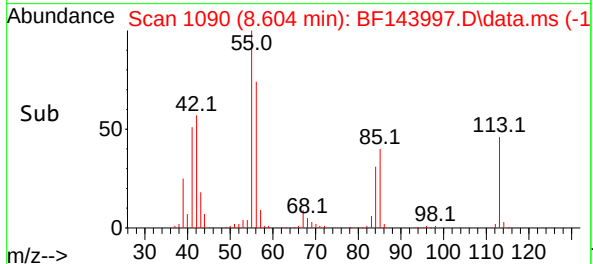
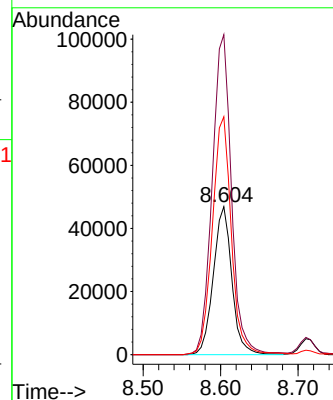
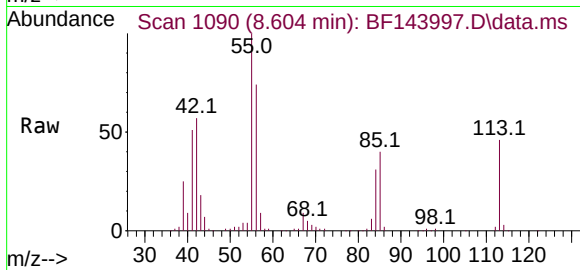
Tgt Ion:113 Resp: 78033

Ion Ratio Lower Upper

113 100

55 216.3 199.6 239.6

56 160.7 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 38.675 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

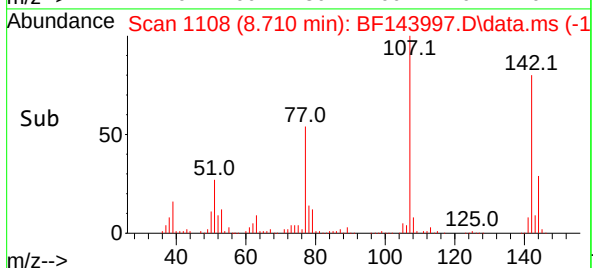
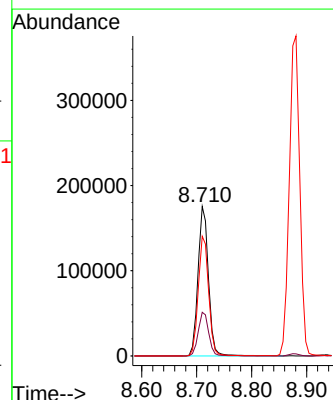
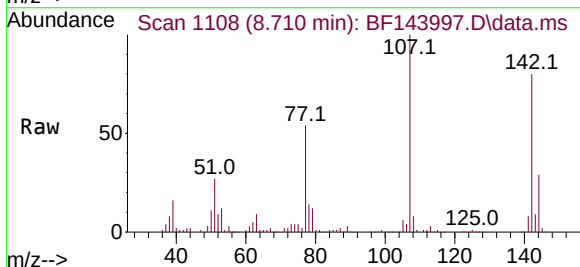
Tgt Ion:107 Resp: 231734

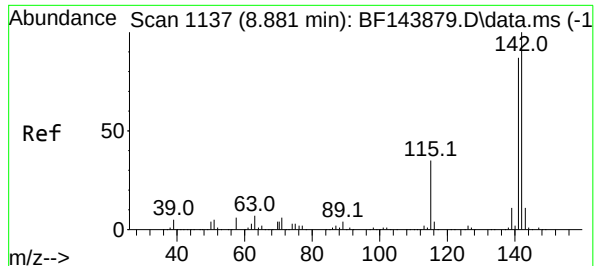
Ion Ratio Lower Upper

107 100

144 29.2 23.1 34.7

142 80.0 62.6 94.0





#37

2-Methylnaphthalene

Concen: 38.483 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

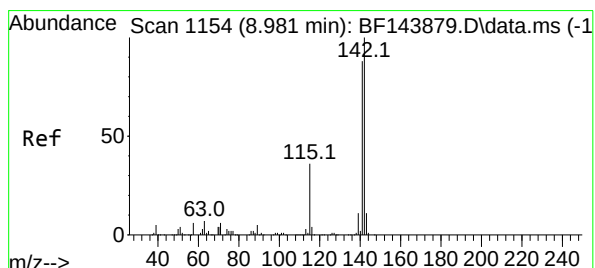
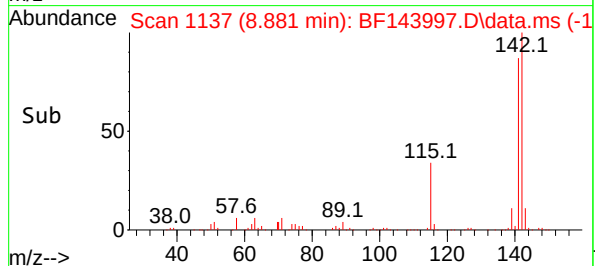
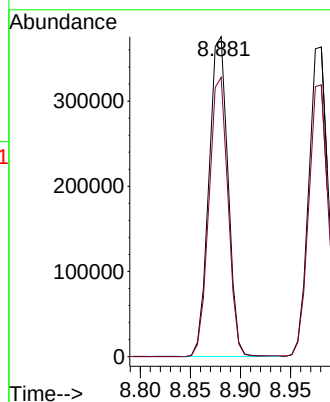
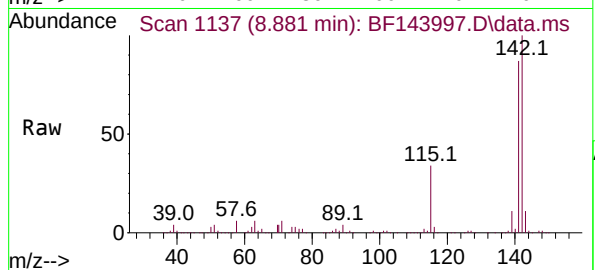
SSTDCCC040

Tgt Ion:142 Resp: 495354

Ion Ratio Lower Upper

142 100

141 87.3 69.2 103.8



#38

1-Methylnaphthalene

Concen: 38.454 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143997.D

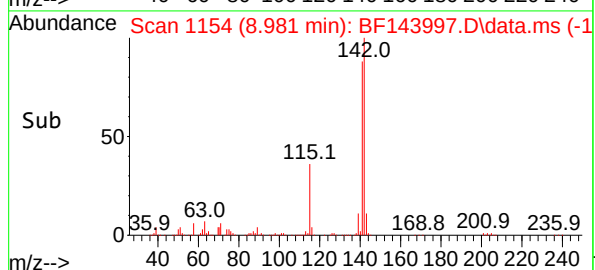
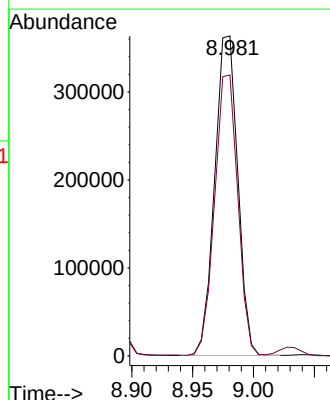
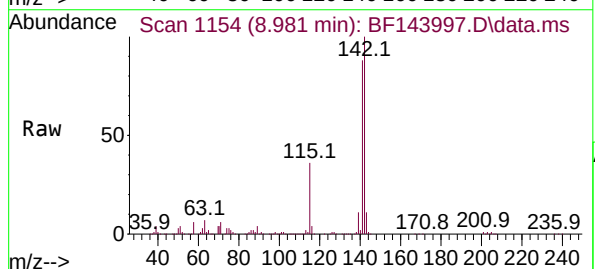
Acq: 20 Oct 2025 13:28

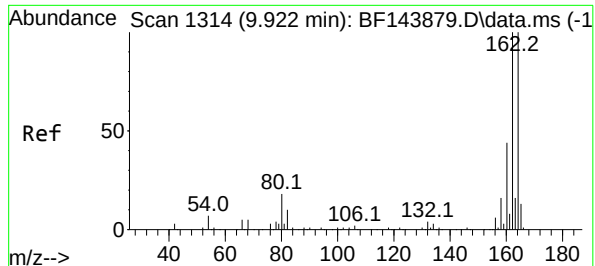
Tgt Ion:142 Resp: 480130

Ion Ratio Lower Upper

142 100

141 87.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

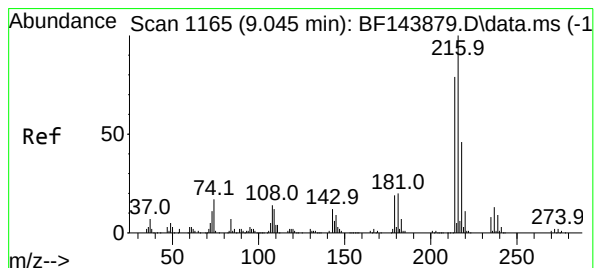
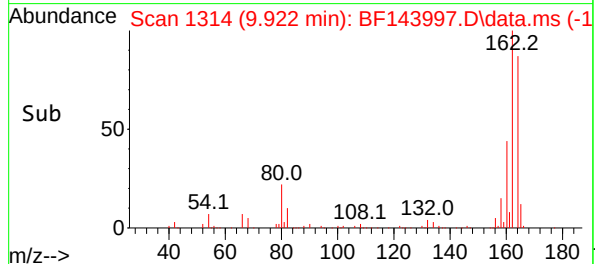
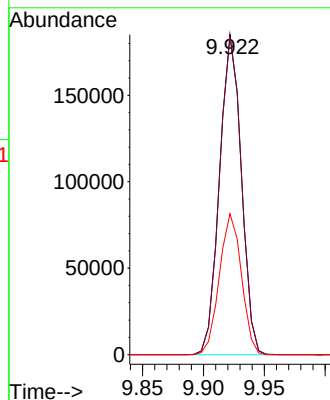
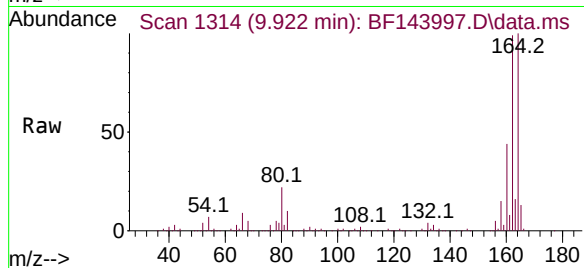
Tgt Ion:164 Resp: 230266

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.516 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Tgt Ion:216 Resp: 257851

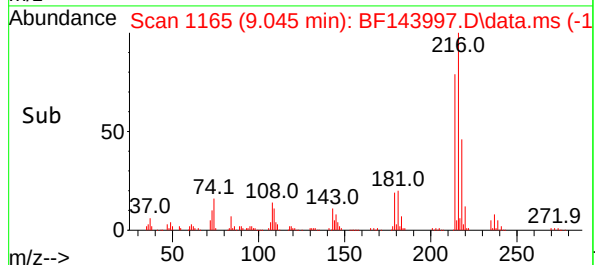
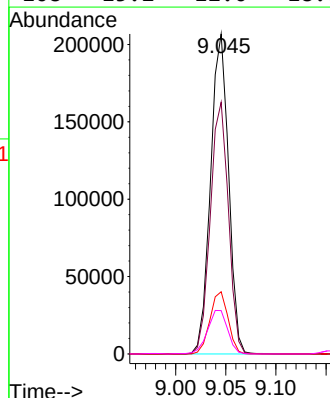
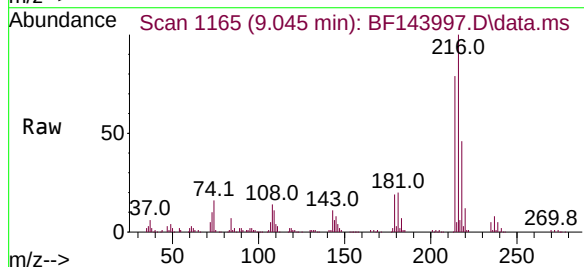
Ion Ratio Lower Upper

216 100

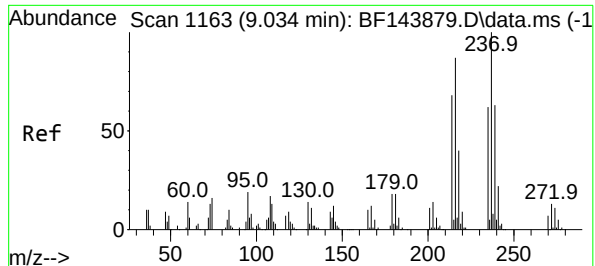
214 78.9 62.6 94.0

179 19.5 15.4 23.0

108 15.2 12.0 18.0







#41

Hexachlorocyclopentadiene

Concen: 41.223 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

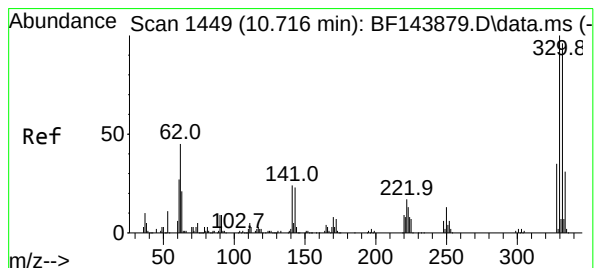
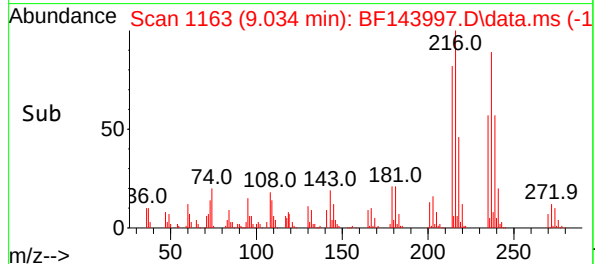
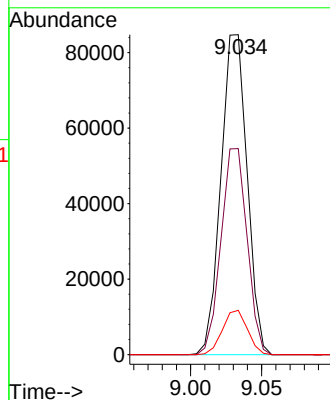
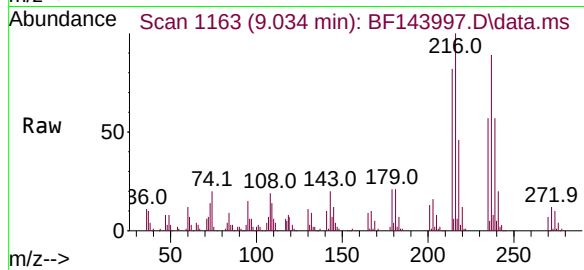
Tgt Ion:237 Resp: 108840

Ion Ratio Lower Upper

237 100

235 64.4 42.3 82.3

272 13.8 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 79.625 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

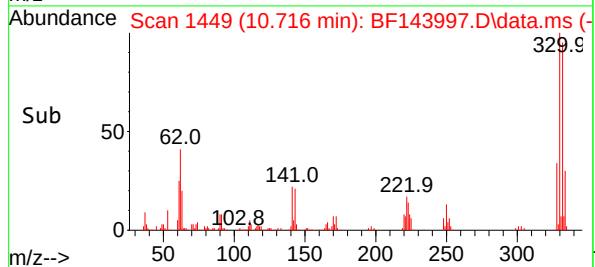
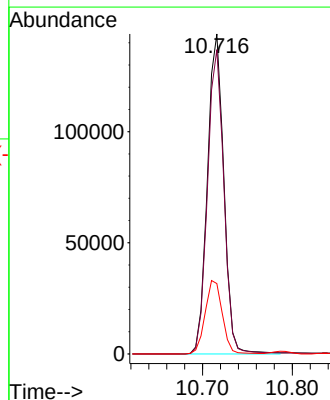
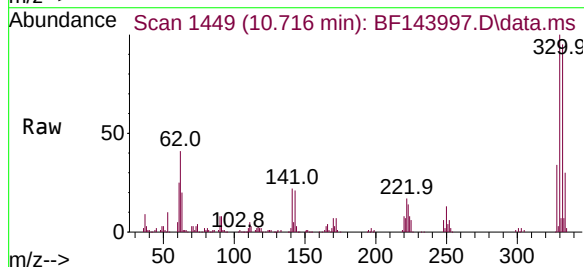
Tgt Ion:330 Resp: 182619

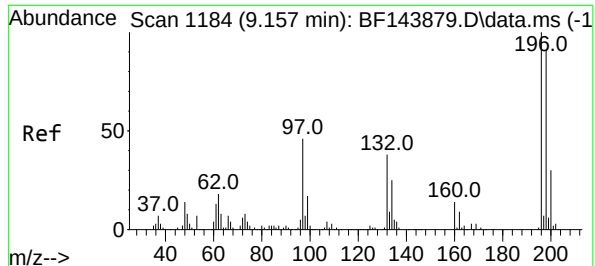
Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

141 24.0 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 40.143 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

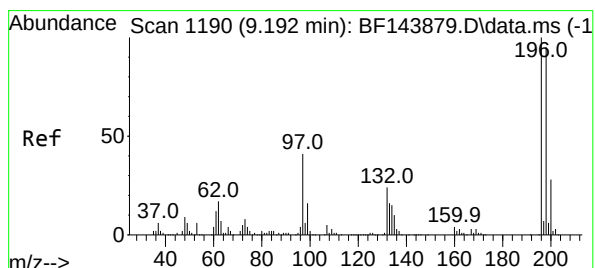
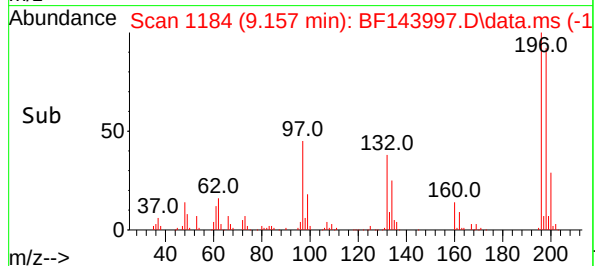
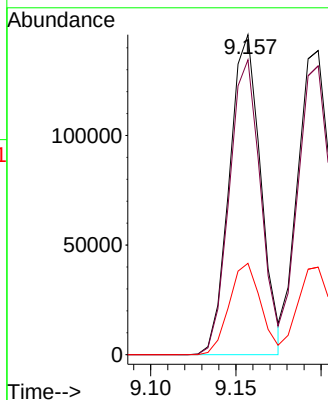
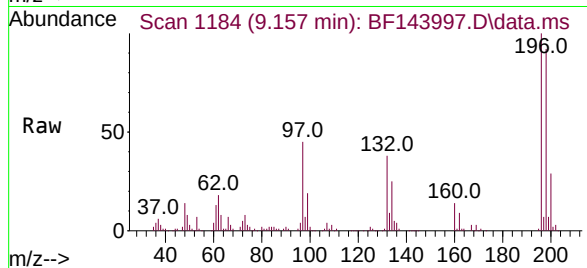
Tgt Ion:196 Resp: 186670

Ion Ratio Lower Upper

196 100

198 92.1 72.8 109.2

200 28.5 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 39.592 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Tgt Ion:196 Resp: 194558

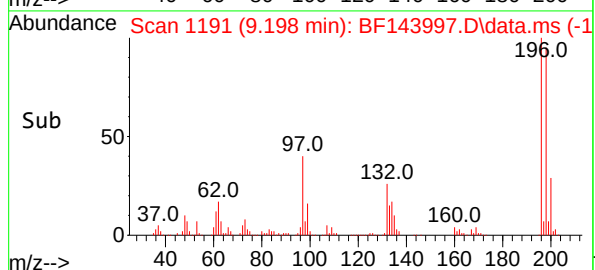
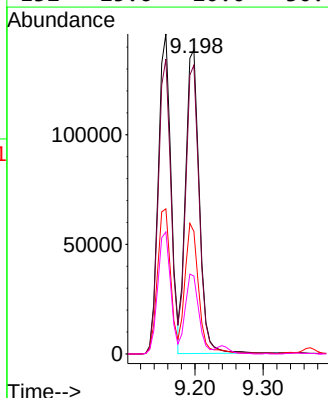
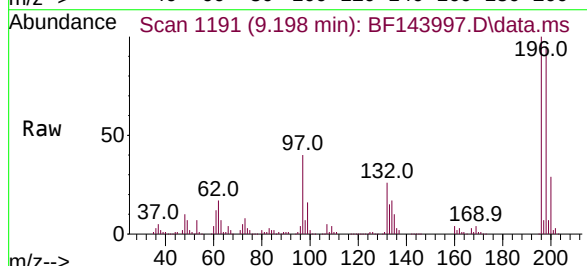
Ion Ratio Lower Upper

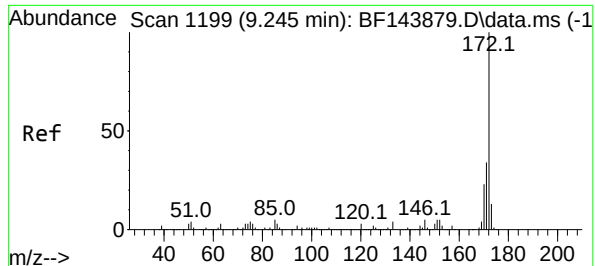
196 100

198 94.9 75.5 113.3

97 40.3 33.9 50.9

132 25.6 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 74.153 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

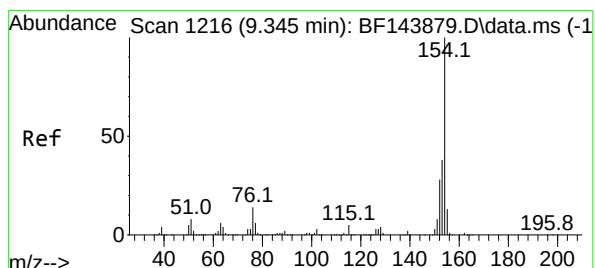
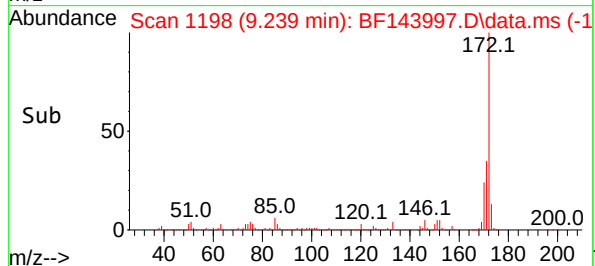
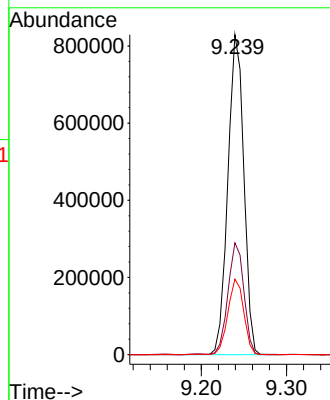
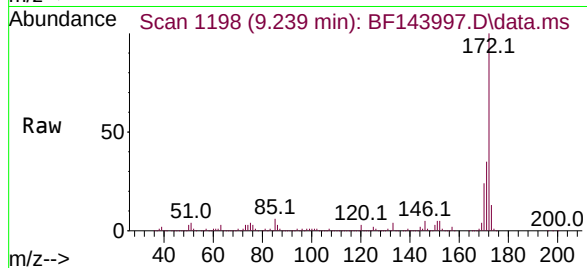
Tgt Ion:172 Resp: 1076099

Ion Ratio Lower Upper

172 100

171 34.9 27.4 41.0

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 39.160 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

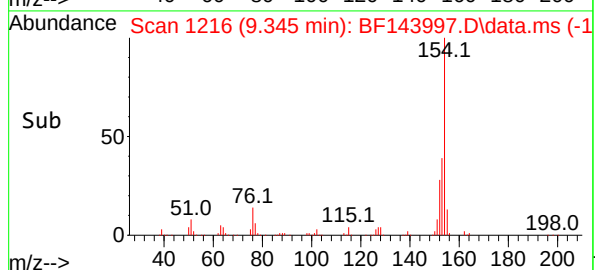
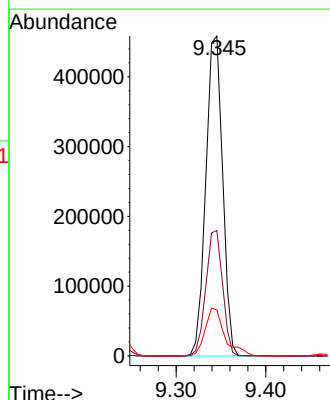
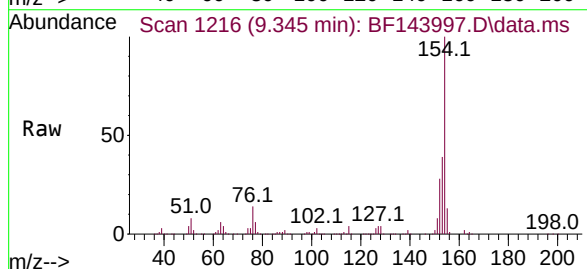
Tgt Ion:154 Resp: 597014

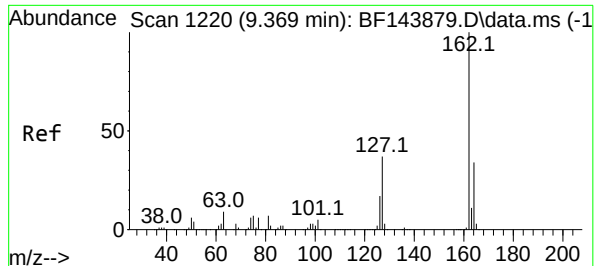
Ion Ratio Lower Upper

154 100

153 39.2 18.4 58.4

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 40.014 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

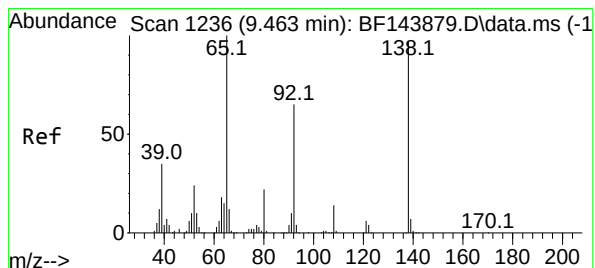
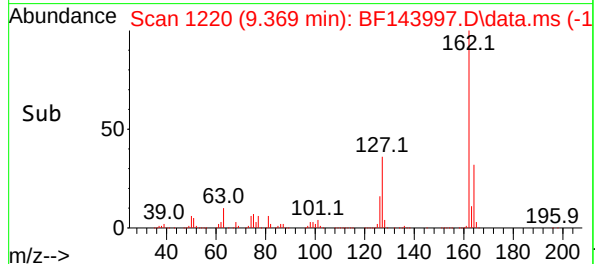
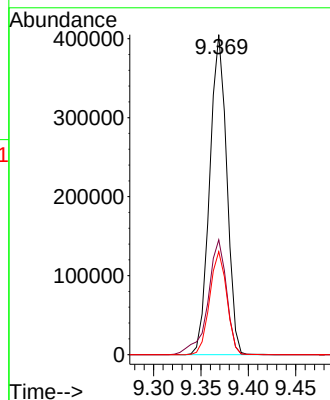
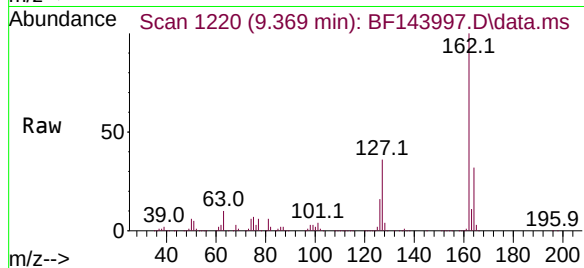
Tgt Ion:162 Resp: 508631

Ion Ratio Lower Upper

162 100

127 35.9 30.2 45.2

164 32.2 26.9 40.3



#48

2-Nitroaniline

Concen: 42.245 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

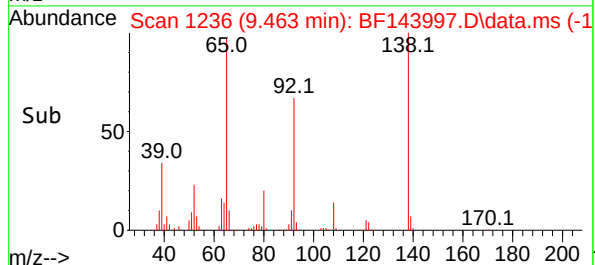
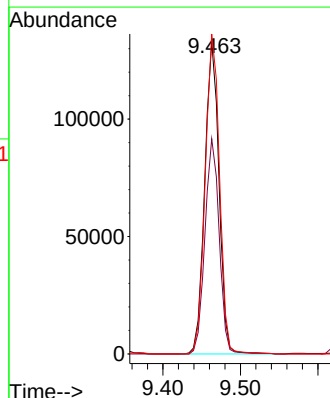
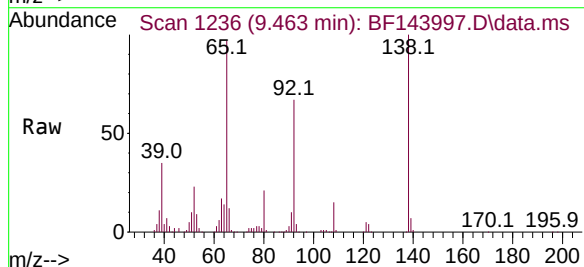
Tgt Ion: 65 Resp: 169771

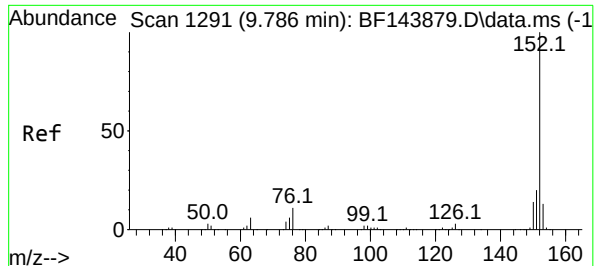
Ion Ratio Lower Upper

65 100

92 69.0 52.1 78.1

138 102.6 77.4 116.2





#49

Acenaphthylene

Concen: 40.020 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

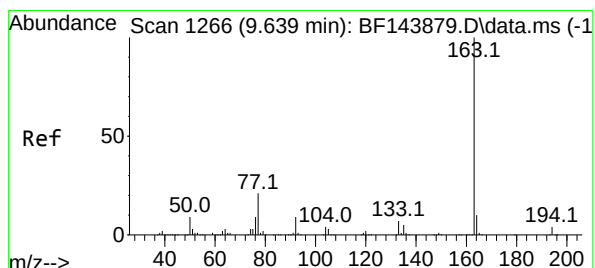
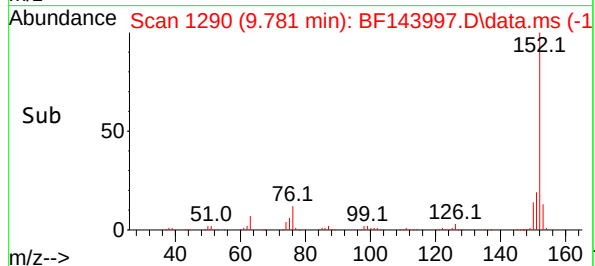
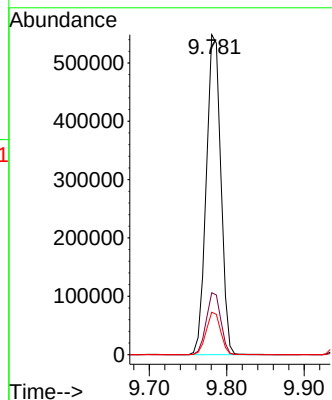
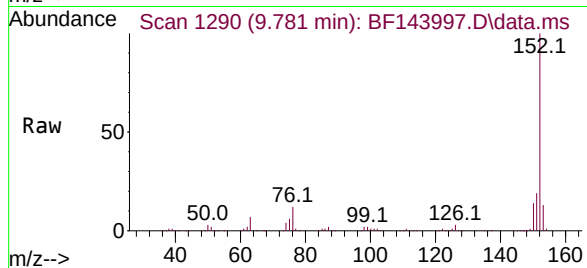
Tgt Ion:152 Resp: 715169

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 38.976 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

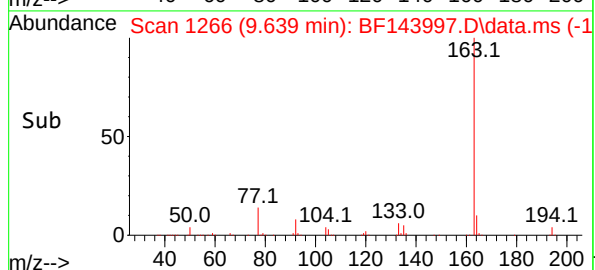
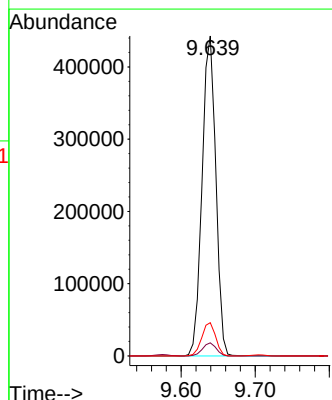
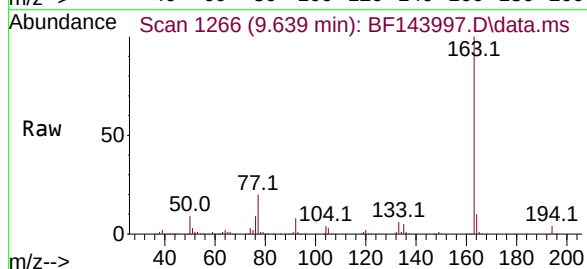
Tgt Ion:163 Resp: 569940

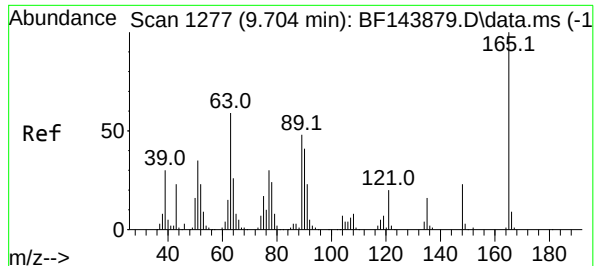
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.1 12.1

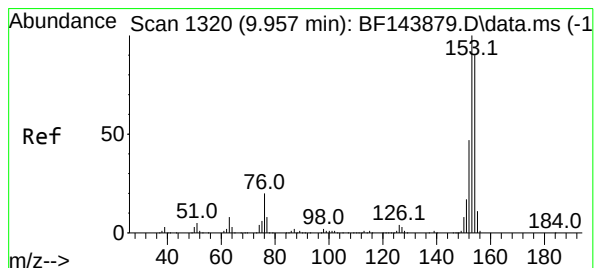
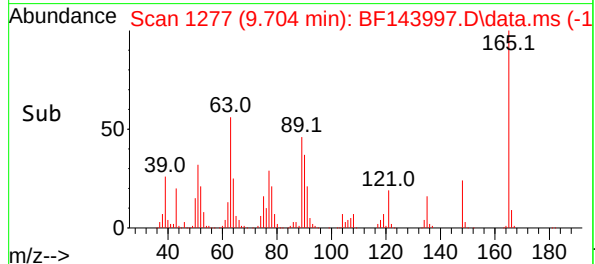
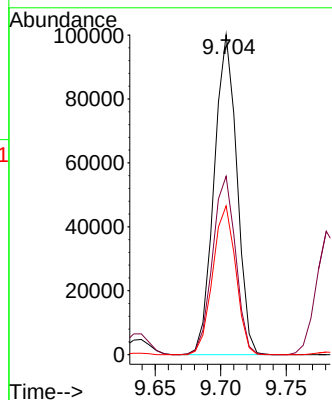
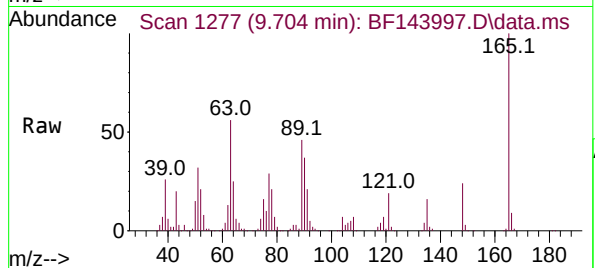




#51  
2,6-Dinitrotoluene  
Concen: 44.543 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

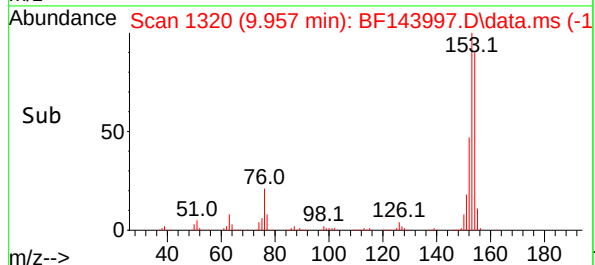
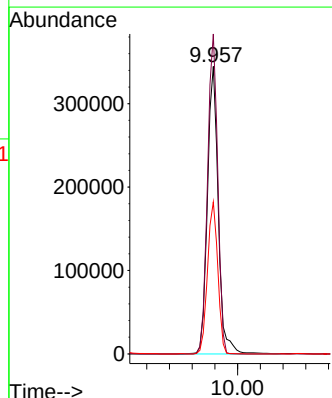
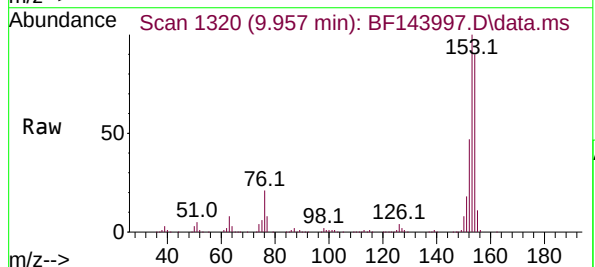
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

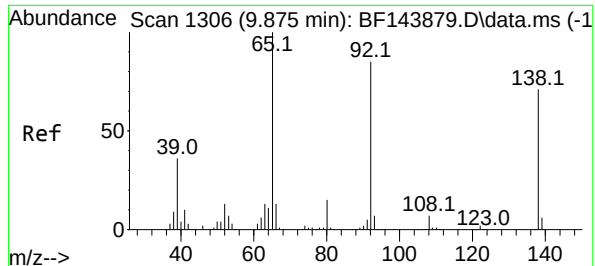
Tgt Ion:165 Resp: 120781  
Ion Ratio Lower Upper  
165 100  
63 55.7 47.3 70.9  
89 46.5 38.2 57.4



#52  
Acenaphthene  
Concen: 39.116 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion:154 Resp: 458028  
Ion Ratio Lower Upper  
154 100  
153 111.3 89.3 133.9  
152 52.8 42.2 63.2





#53

3-Nitroaniline

Concen: 42.535 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

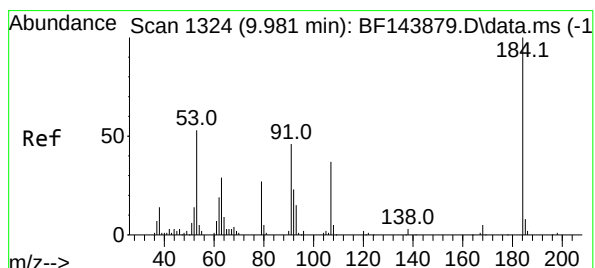
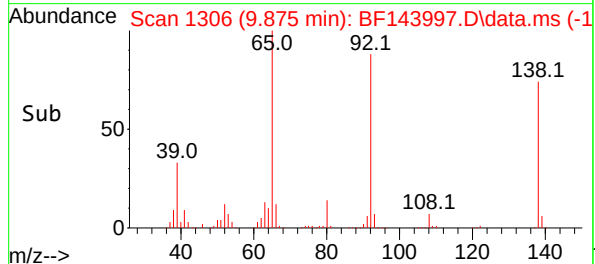
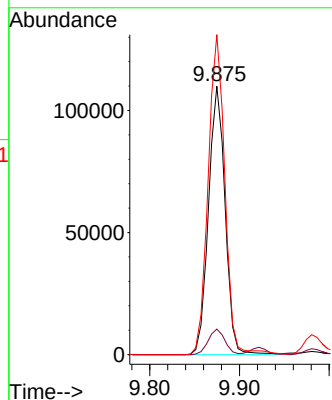
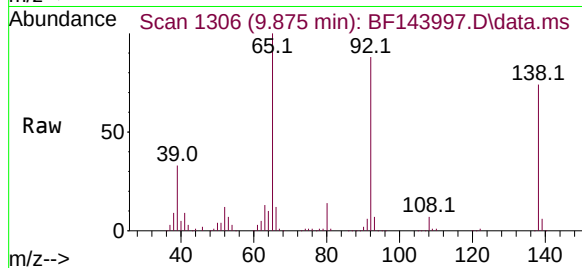
Tgt Ion:138 Resp: 141223

Ion Ratio Lower Upper

138 100

108 9.5 8.3 12.5

92 119.2 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 35.105 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

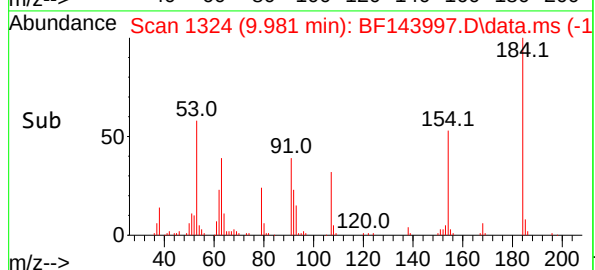
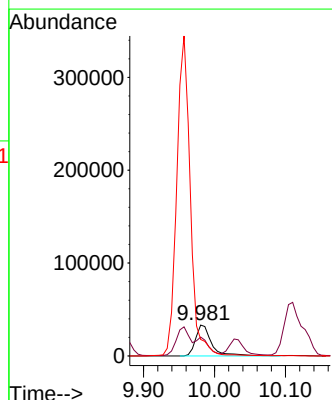
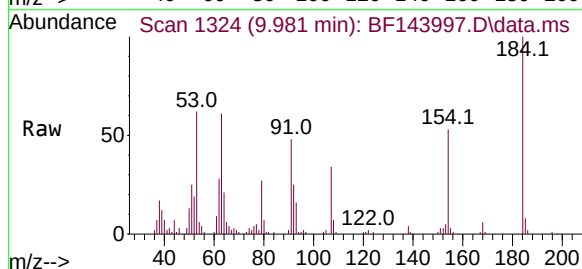
Tgt Ion:184 Resp: 51582

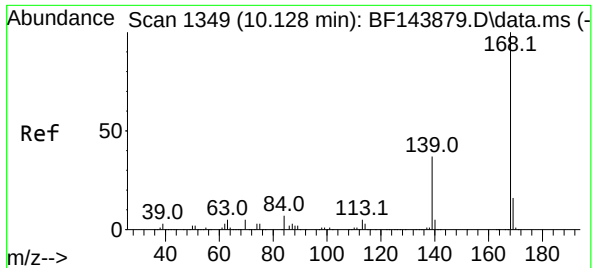
Ion Ratio Lower Upper

184 100

63 61.4 48.2 72.4

154 53.3 49.2 73.8





#55

Dibenzofuran

Concen: 39.478 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

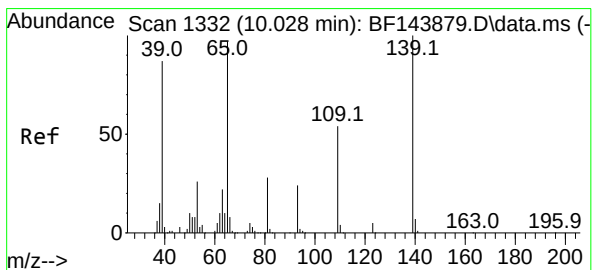
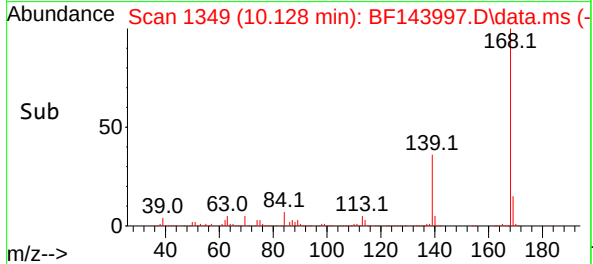
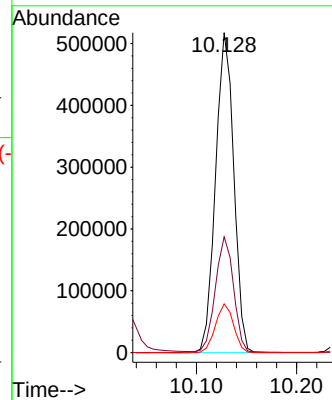
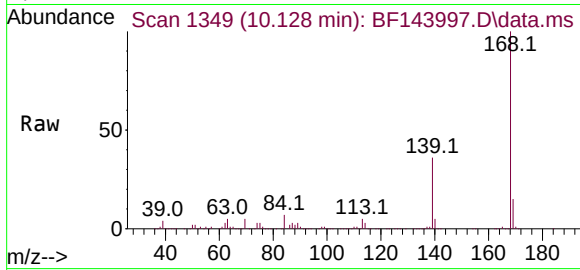
Tgt Ion:168 Resp: 652550

Ion Ratio Lower Upper

168 100

139 36.2 29.8 44.8

169 15.2 12.8 19.2



#56

4-Nitrophenol

Concen: 38.222 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

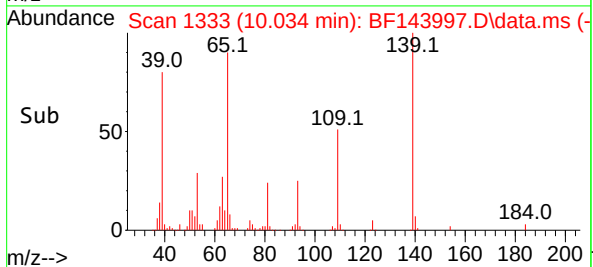
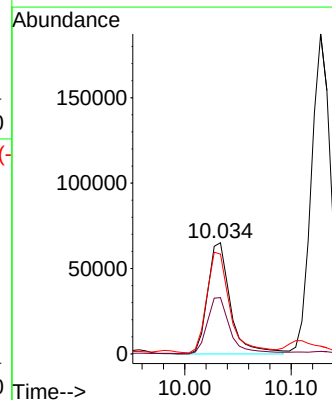
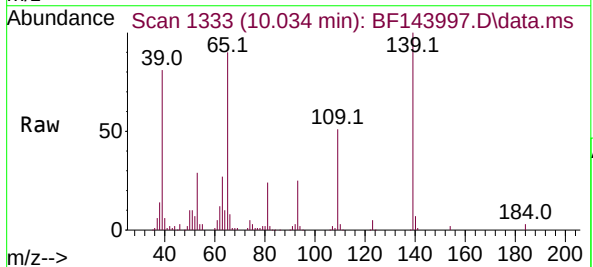
Tgt Ion:139 Resp: 96087

Ion Ratio Lower Upper

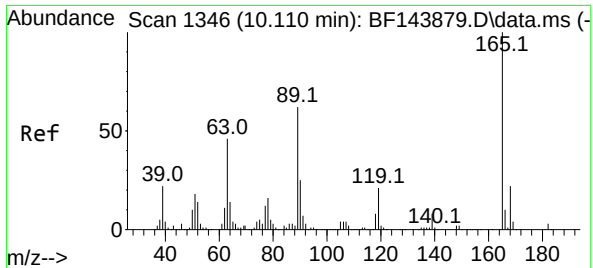
139 100

109 50.6 34.5 74.5

65 89.8 77.6 117.6







#57

2,4-Dinitrotoluene

Concen: 45.401 ng

RT: 10.110 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 167503

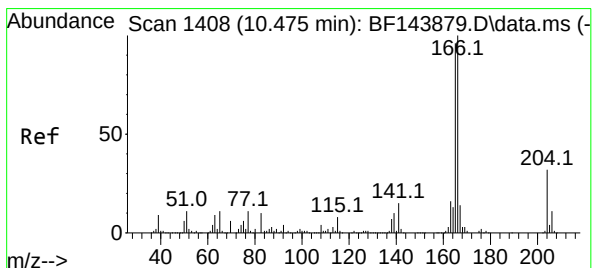
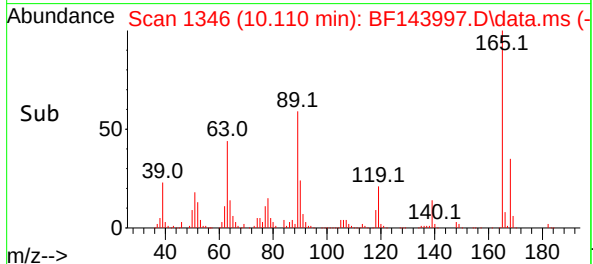
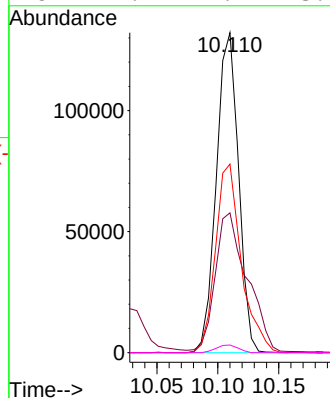
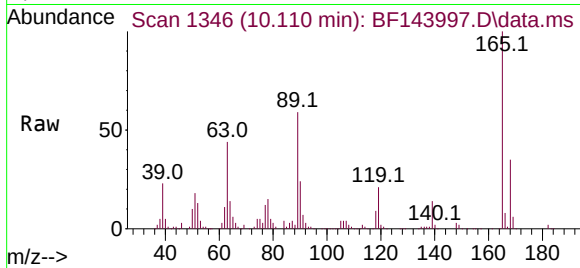
Ion Ratio Lower Upper

165 100

63 43.7 37.2 55.8

89 58.9 49.4 74.2

182 2.4 2.1 3.1



#58

Fluorene

Concen: 38.388 ng

RT: 10.475 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

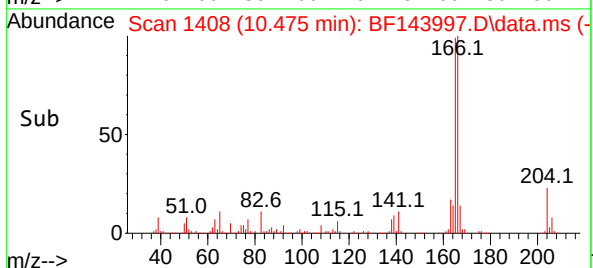
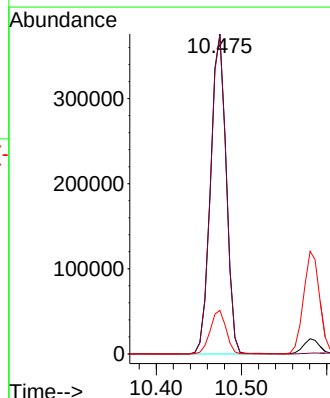
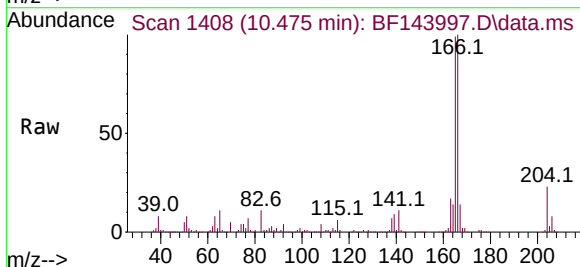
Tgt Ion:166 Resp: 478793

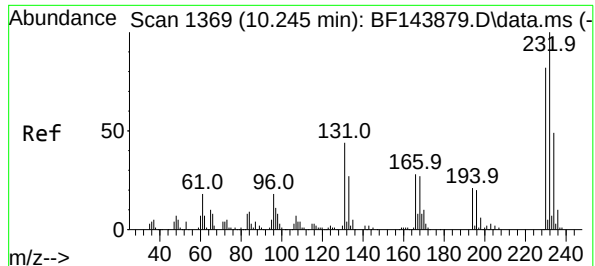
Ion Ratio Lower Upper

166 100

165 99.4 77.0 115.6

167 13.6 11.1 16.7

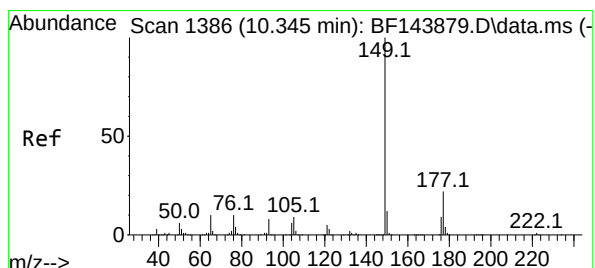
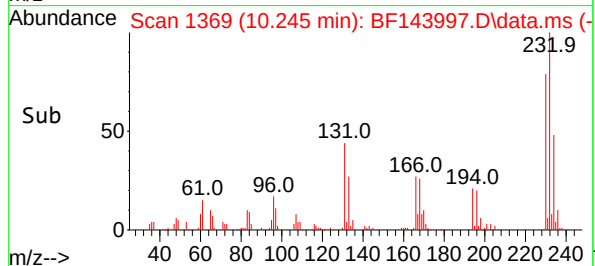
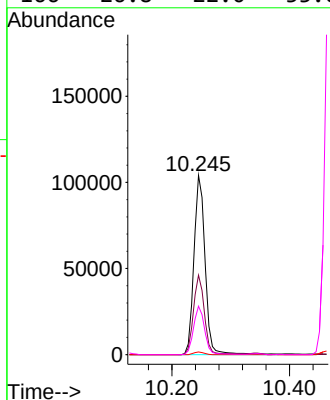
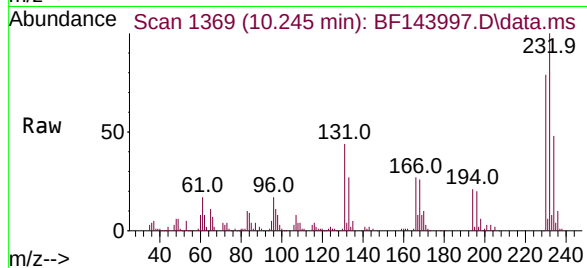




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.485 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

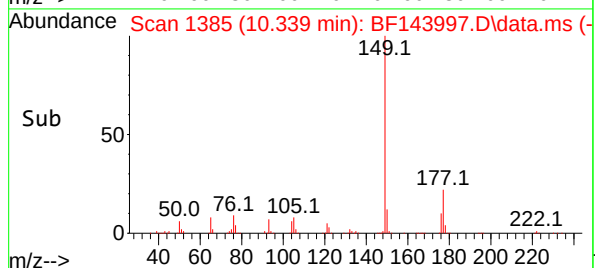
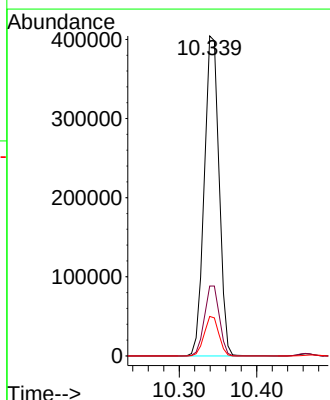
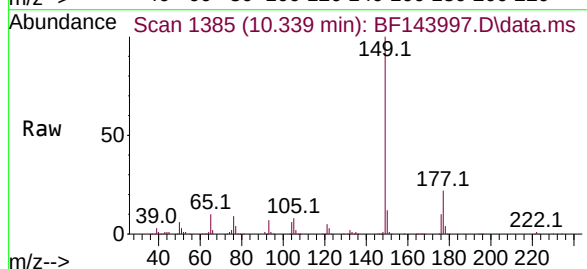
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

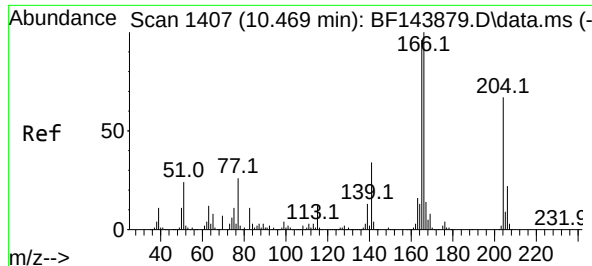
Tgt Ion:232 Resp: 137352  
Ion Ratio Lower Upper  
232 100  
131 43.4 34.9 52.3  
130 1.4 1.6 2.4#  
166 26.8 22.0 33.0



#60  
Diethylphthalate  
Concen: 39.405 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion:149 Resp: 535315  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.9 26.9  
150 12.3 9.8 14.8

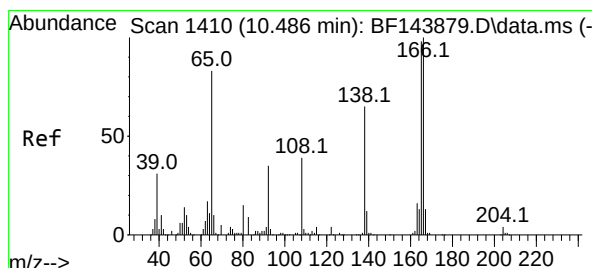
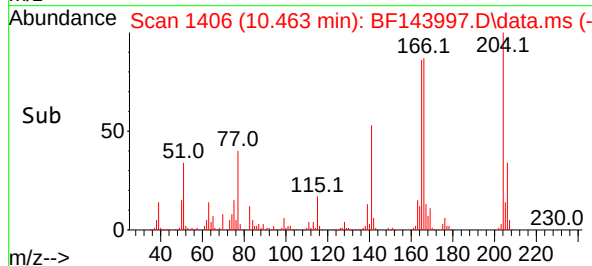
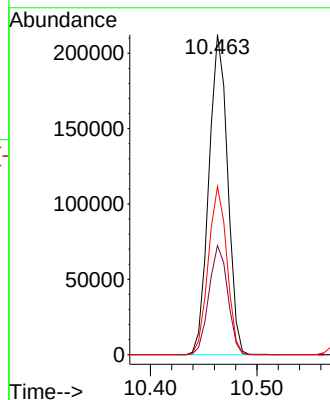
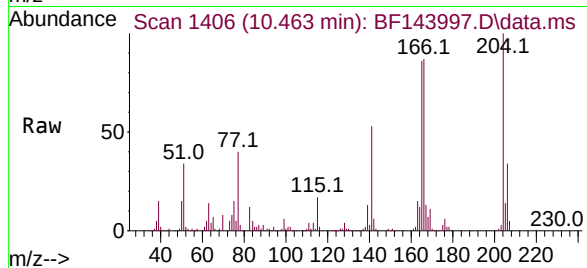




#61  
4-Chlorophenyl-phenylether  
Concen: 39.311 ng  
RT: 10.463 min Scan# 1406  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

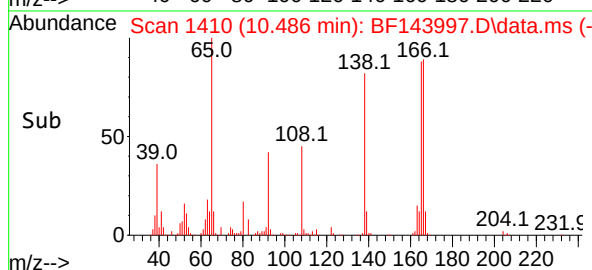
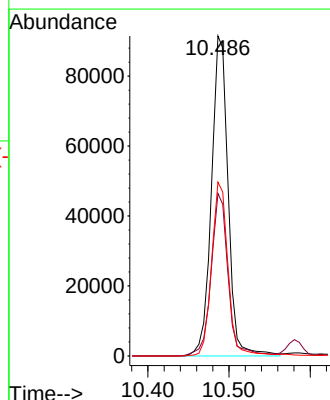
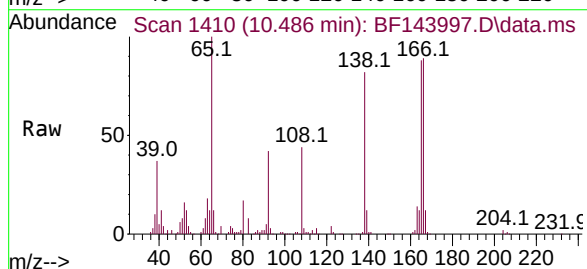
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

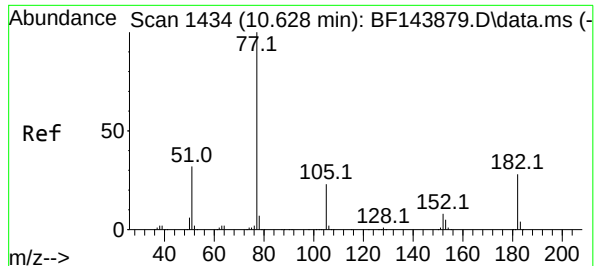
Tgt Ion:204 Resp: 259220  
Ion Ratio Lower Upper  
204 100  
206 34.1 26.6 40.0  
141 52.5 40.4 60.6



#62  
4-Nitroaniline  
Concen: 40.972 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion:138 Resp: 130811  
Ion Ratio Lower Upper  
138 100  
92 50.8 33.9 73.9  
108 54.3 40.2 80.2





#63

Azobenzene

Concen: 39.330 ng

RT: 10.622 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 558403

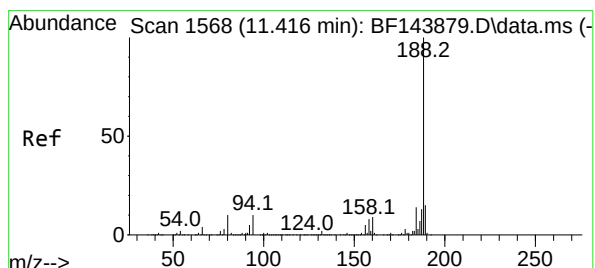
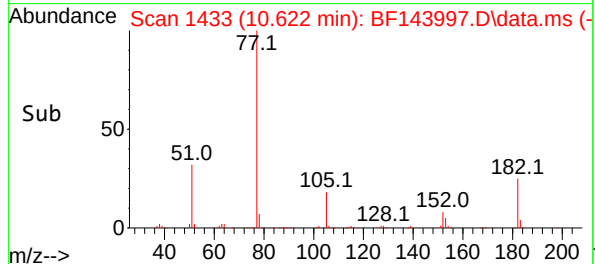
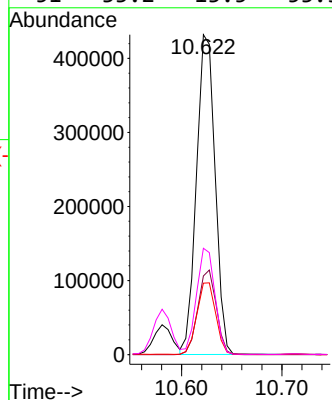
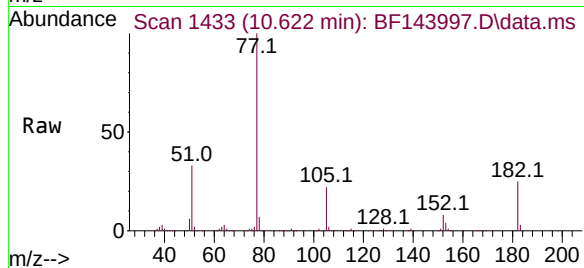
Ion Ratio Lower Upper

77 100

182 24.6 7.3 47.3

105 22.3 3.0 43.0

51 33.2 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

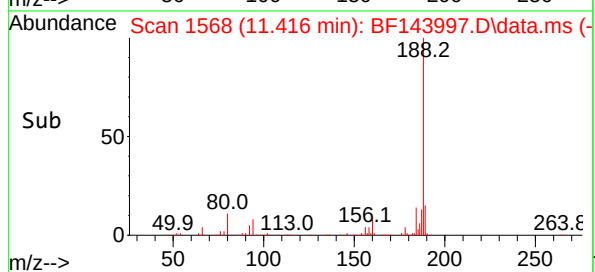
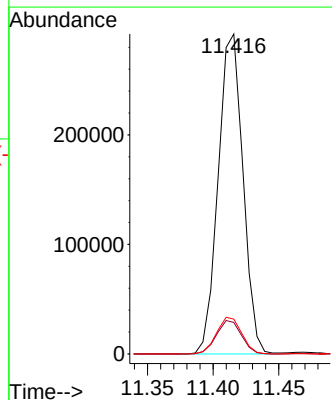
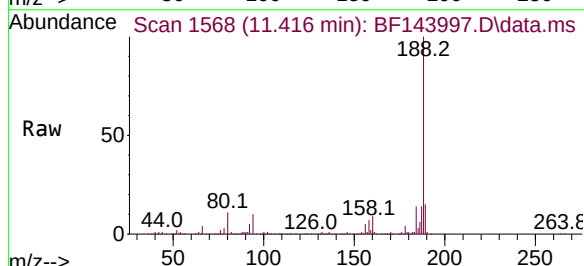
Tgt Ion:188 Resp: 385198

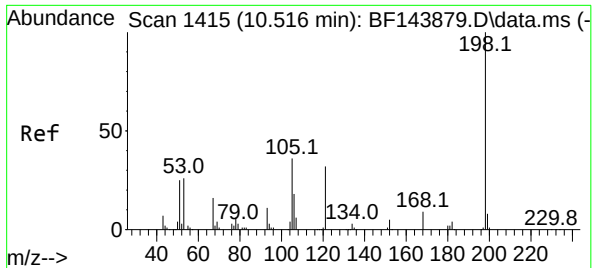
Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

80 10.9 7.9 11.9

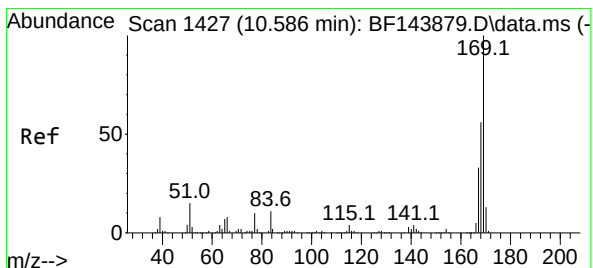
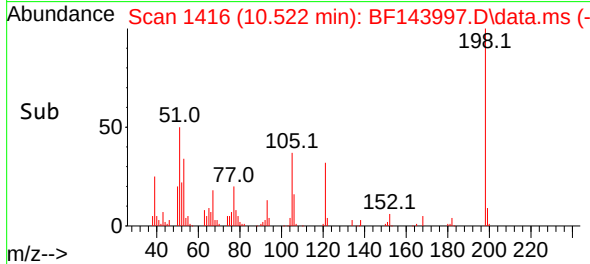
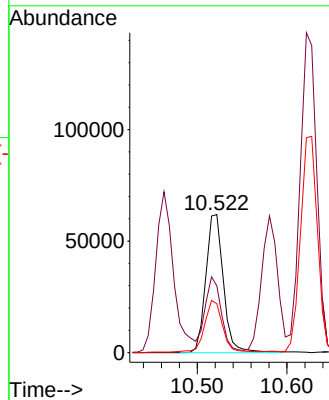
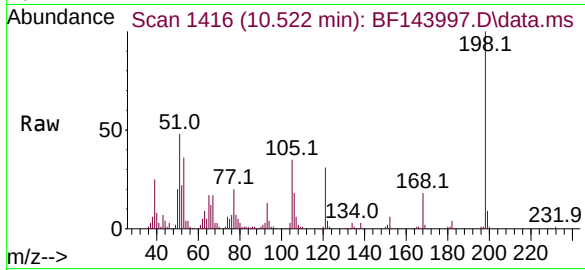




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.655 ng  
RT: 10.522 min Scan# 1415  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

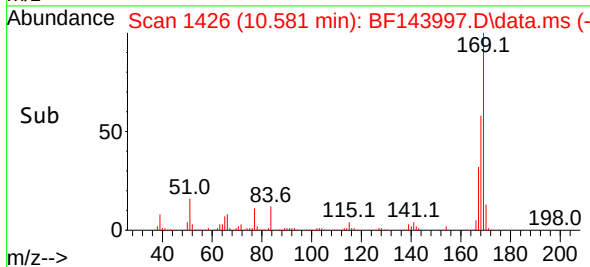
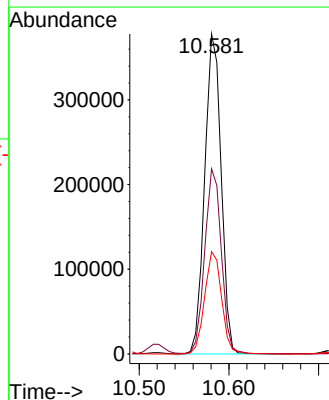
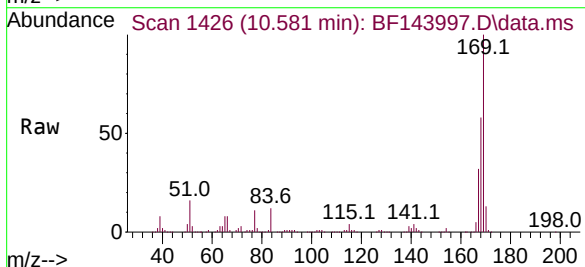
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

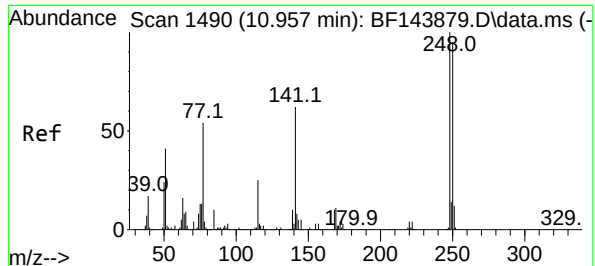
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 48.4  | 33.8  | 73.8  |
| 105     | 35.4  | 17.0  | 57.0  |



#66  
n-Nitrosodiphenylamine  
Concen: 39.818 ng  
RT: 10.581 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 57.8  | 44.9  | 67.3  |
| 167     | 31.9  | 26.3  | 39.5  |

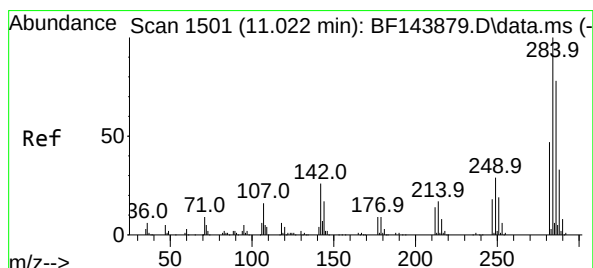
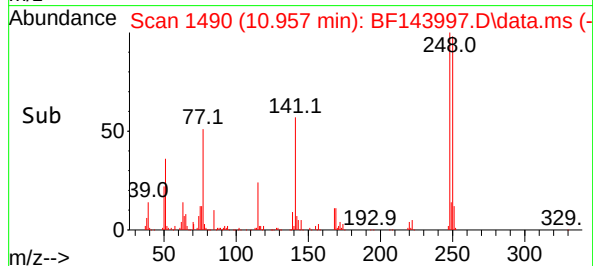
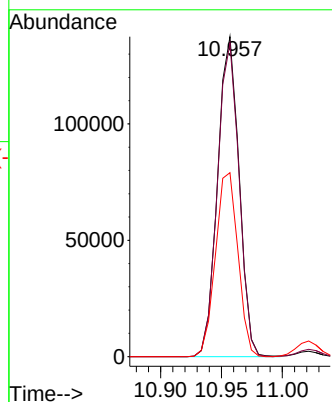
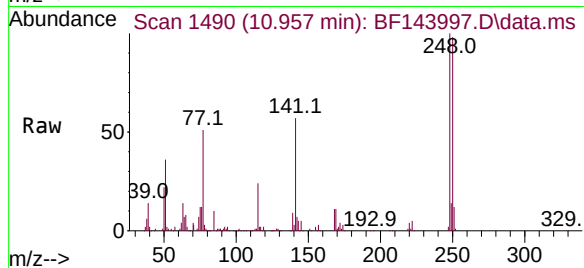




#67  
4-Bromophenyl-phenylether  
Concen: 39.762 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

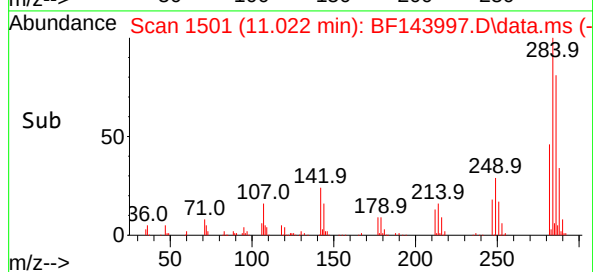
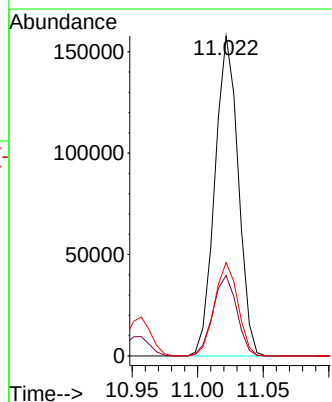
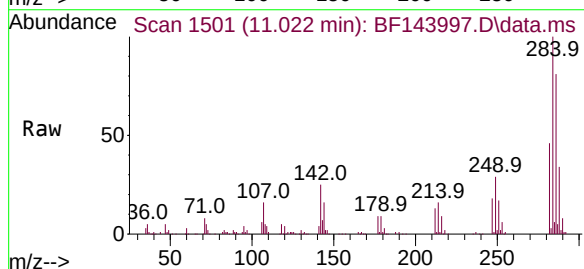
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

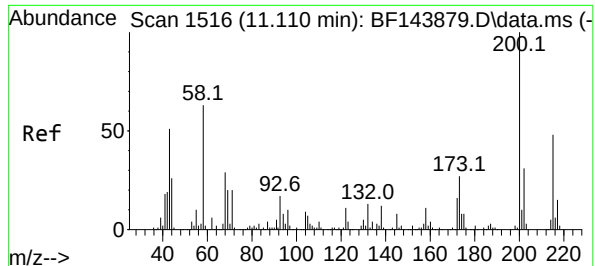
Tgt Ion:248 Resp: 169268  
Ion Ratio Lower Upper  
248 100  
250 97.9 76.3 114.5  
141 57.5 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 39.674 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion:284 Resp: 195530  
Ion Ratio Lower Upper  
284 100  
142 25.2 20.6 30.8  
249 29.2 23.2 34.8





#69

Atrazine

Concen: 39.148 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

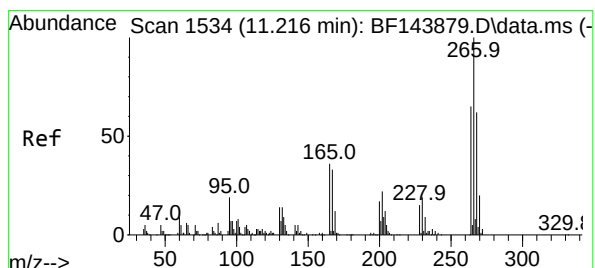
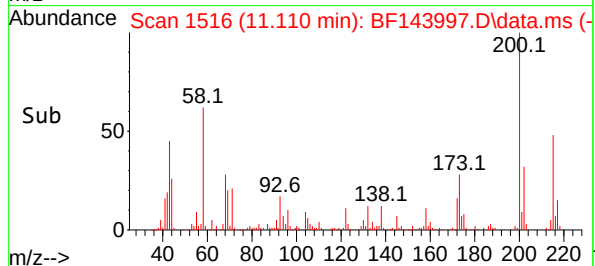
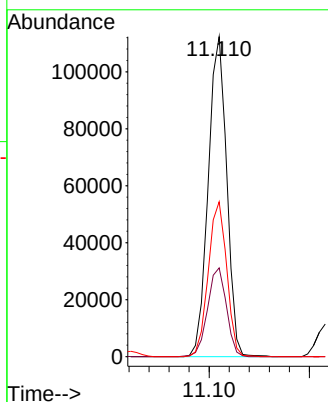
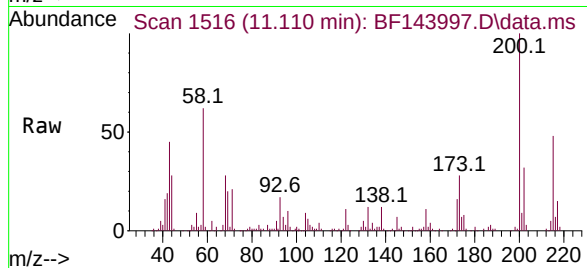
Tgt Ion:200 Resp: 143511

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 48.4 27.8 67.8



#70

Pentachlorophenol

Concen: 35.771 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

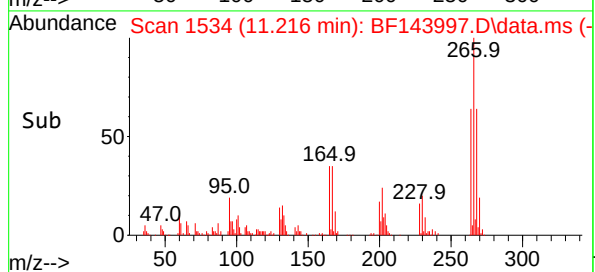
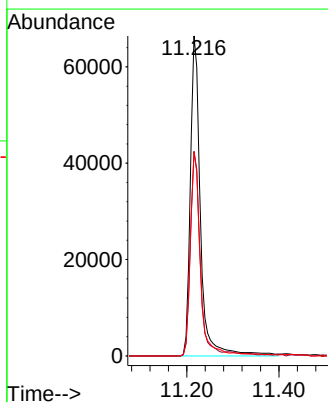
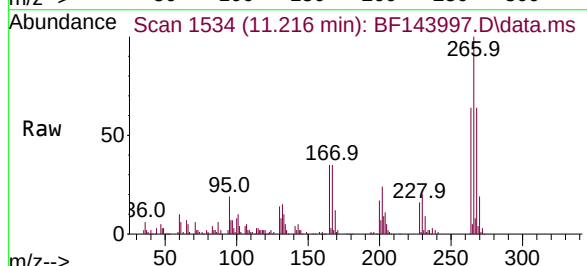
Tgt Ion:266 Resp: 101251

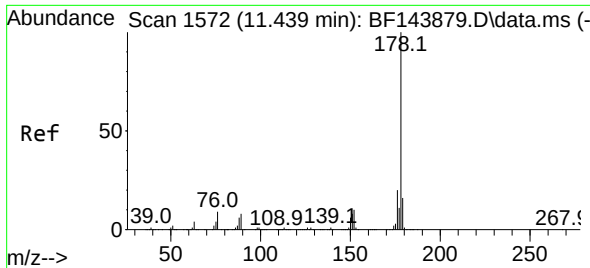
Ion Ratio Lower Upper

266 100

268 63.9 49.4 74.0

264 63.7 51.8 77.6





#71

Phenanthrene

Concen: 39.869 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

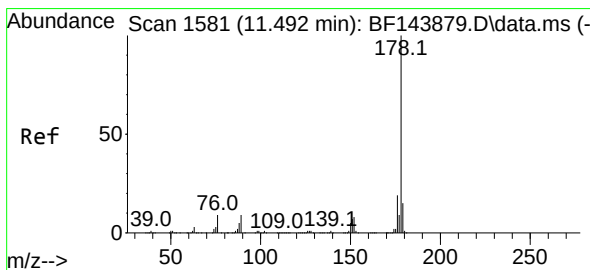
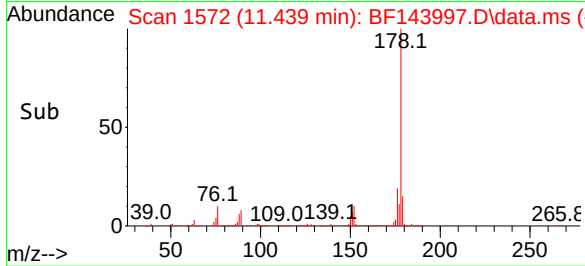
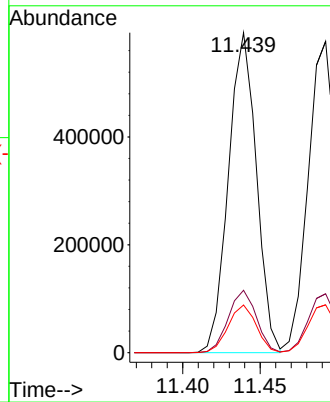
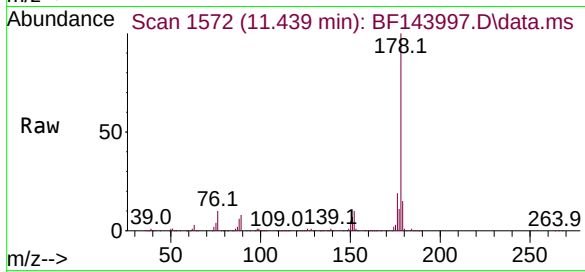
Tgt Ion:178 Resp: 744542

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 14.9 12.4 18.6



#72

Anthracene

Concen: 39.529 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

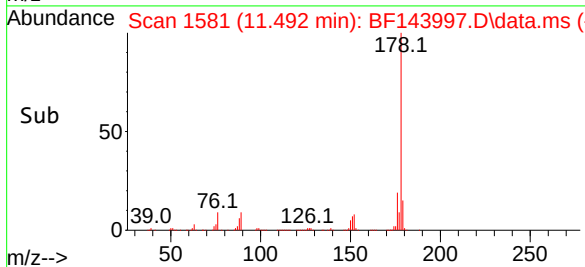
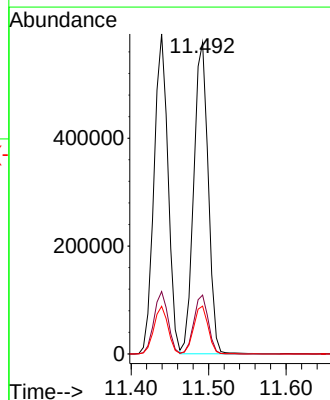
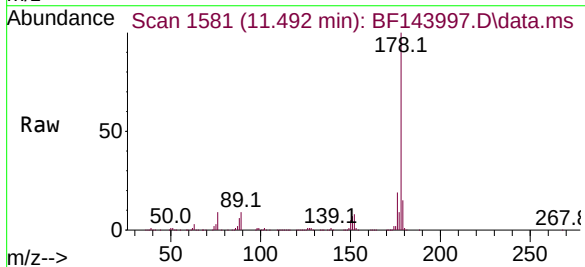
Tgt Ion:178 Resp: 745746

Ion Ratio Lower Upper

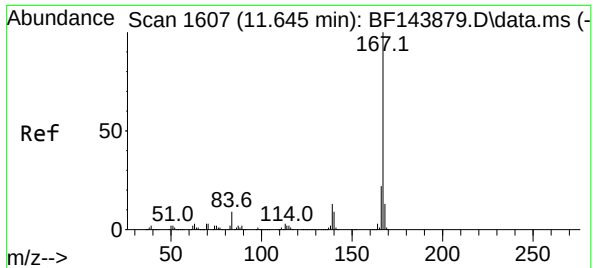
178 100

176 18.9 14.9 22.3

179 15.4 12.2 18.2







#73

Carbazole

Concen: 39.550 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

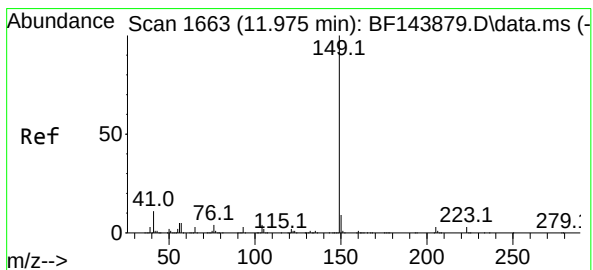
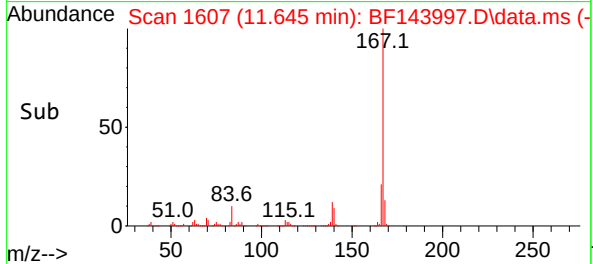
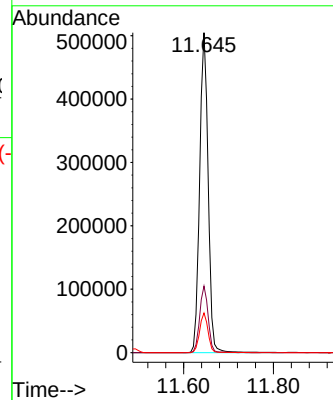
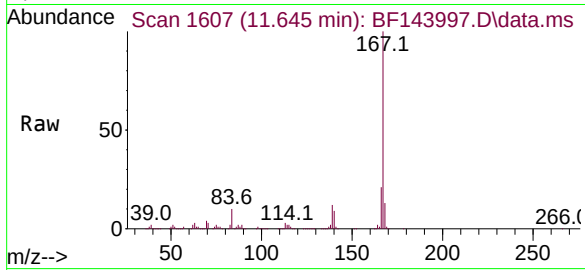
Tgt Ion:167 Resp: 660829

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 167 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 166 | 20.8 | 17.2 | 25.8 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 139 | 12.4 | 10.1 | 15.1 |
|-----|------|------|------|



#74

Di-n-butylphthalate

Concen: 40.340 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

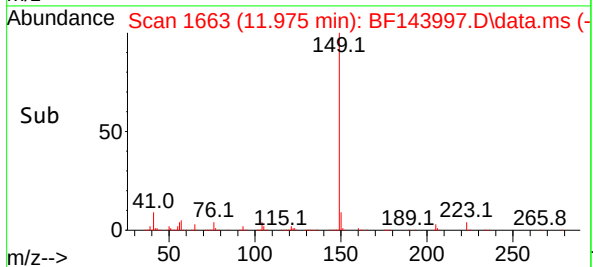
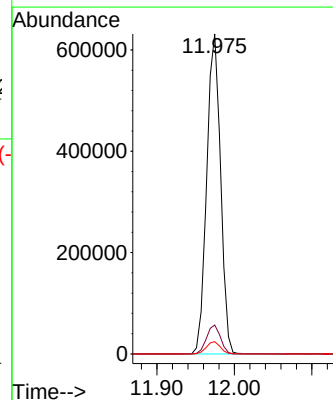
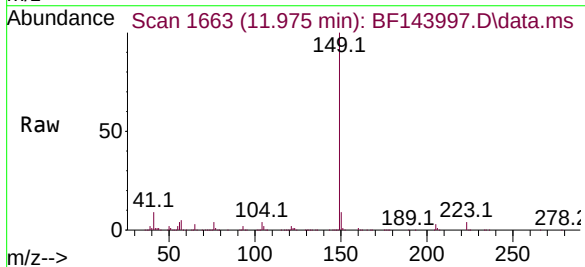
Tgt Ion:149 Resp: 781181

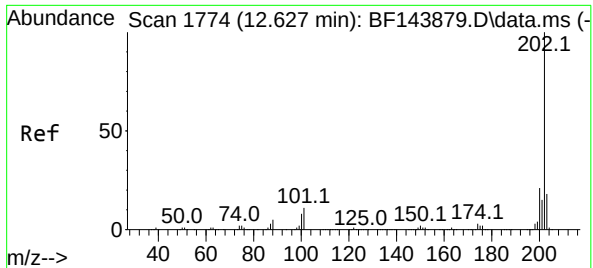
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 149 | 100 |  |  |
|-----|-----|--|--|

|     |     |     |      |
|-----|-----|-----|------|
| 150 | 9.0 | 7.4 | 11.2 |
|-----|-----|-----|------|

|     |     |     |     |
|-----|-----|-----|-----|
| 104 | 3.8 | 3.4 | 5.2 |
|-----|-----|-----|-----|

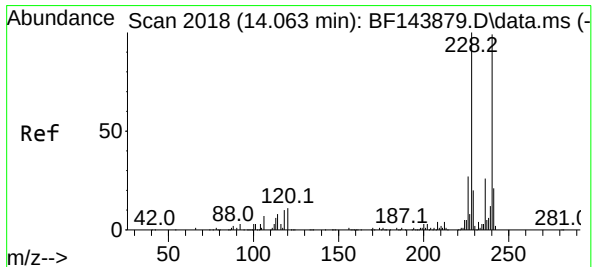
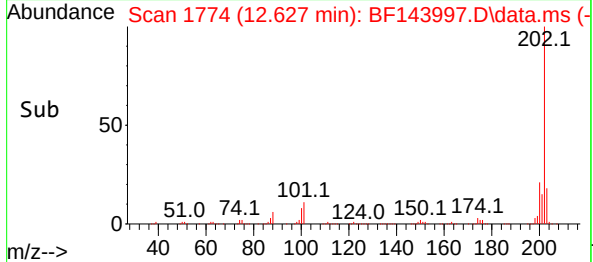
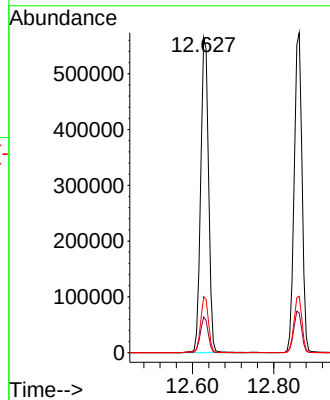
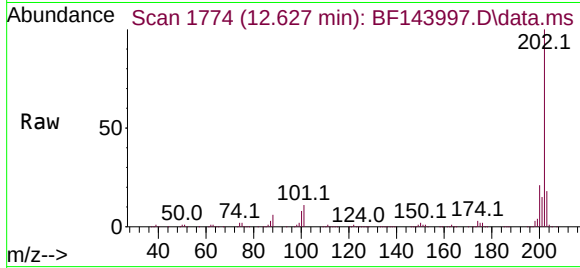




#75  
Fluoranthene  
Concen: 39.088 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

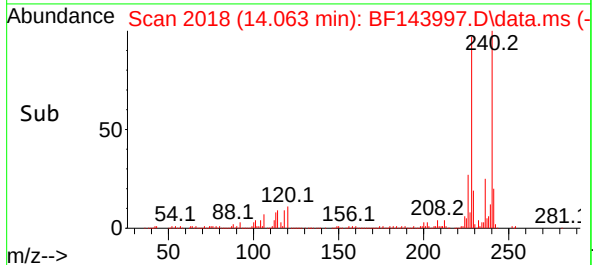
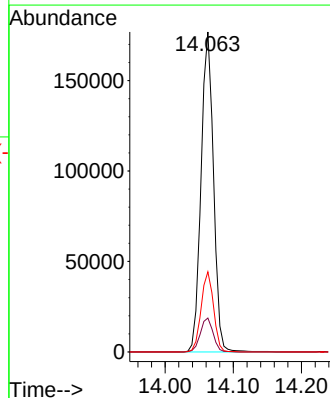
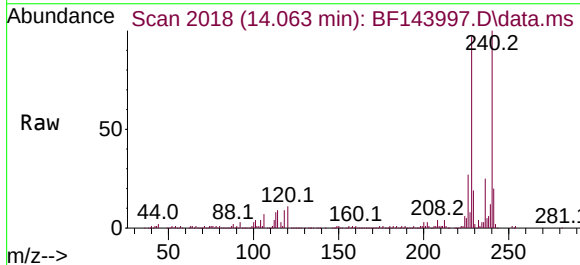
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

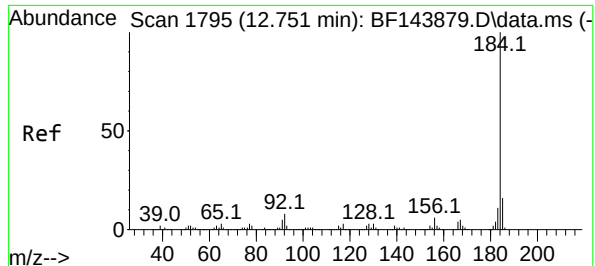
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.3  | 0.0   | 30.7  |
| 203     | 17.7  | 0.0   | 37.8  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.6  | 8.6   | 13.0  |
| 236     | 25.0  | 21.1  | 31.7  |





#77

Benzidine

Concen: 31.905 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

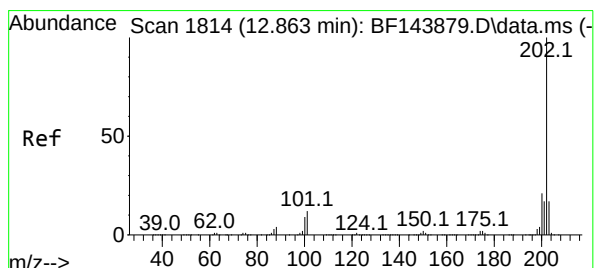
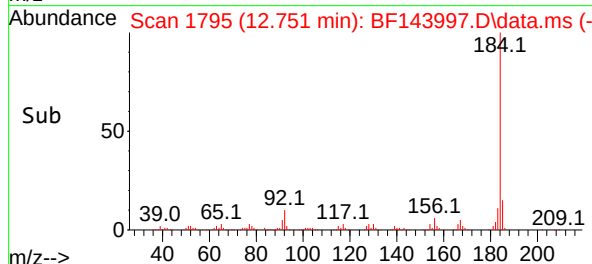
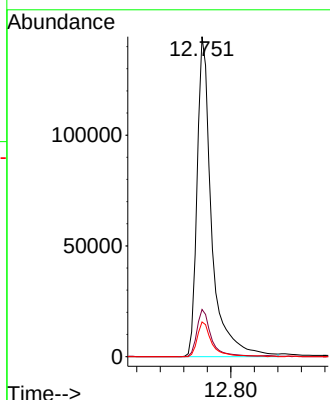
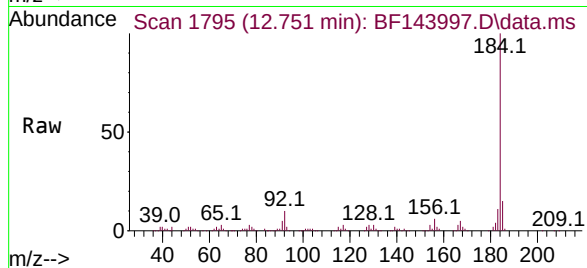
Tgt Ion:184 Resp: 248566

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

183 10.8 8.8 13.2



#78

Pyrene

Concen: 41.079 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

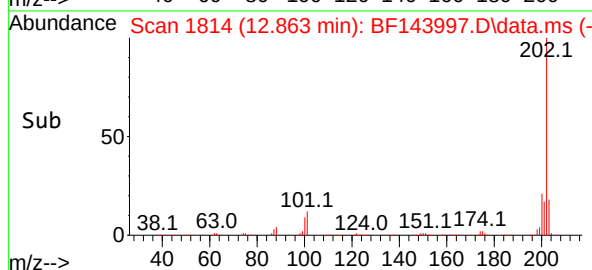
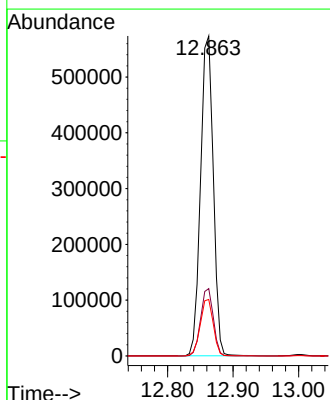
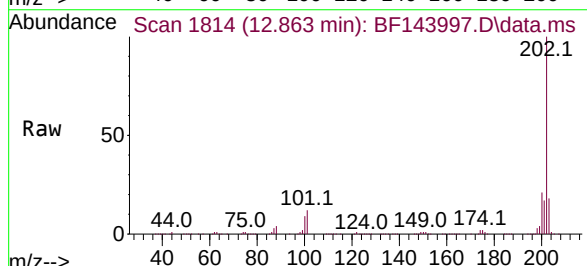
Tgt Ion:202 Resp: 768419

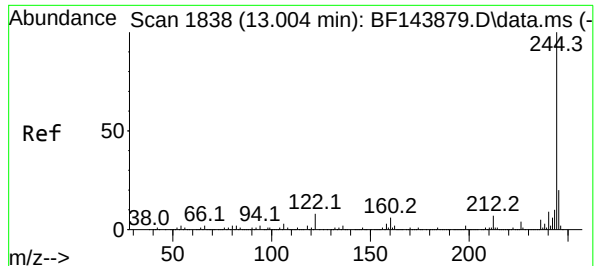
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 83.641 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

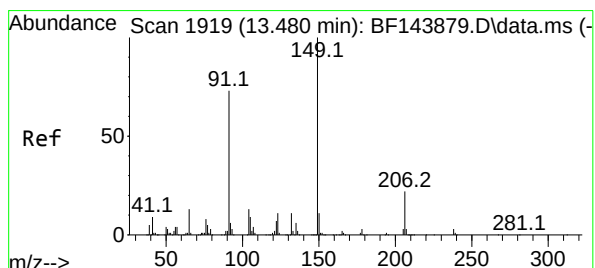
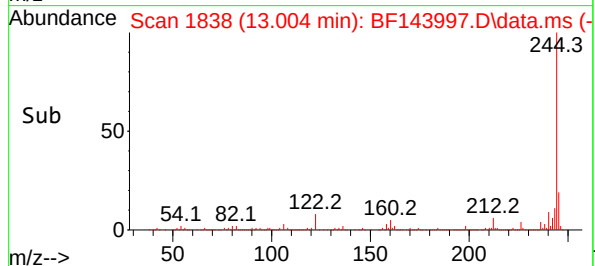
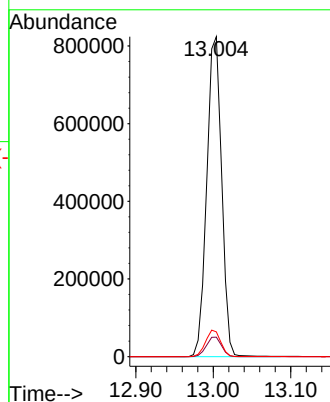
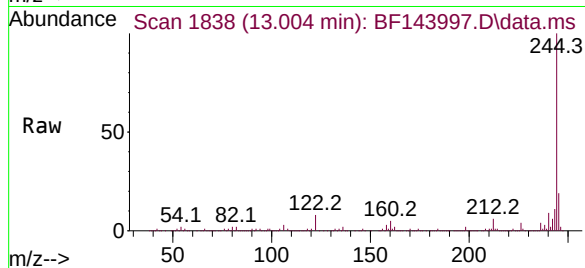
Tgt Ion:244 Resp: 1098074

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

122 7.7 6.4 9.6



#80

Butylbenzylphthalate

Concen: 41.567 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

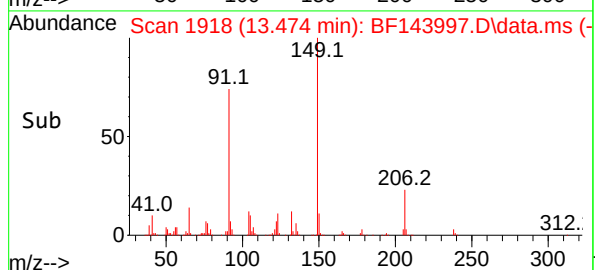
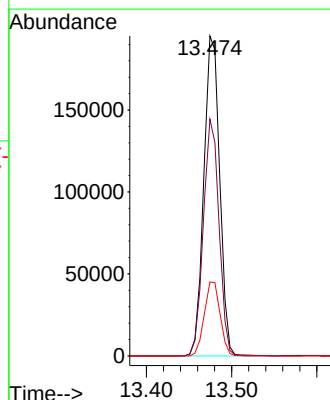
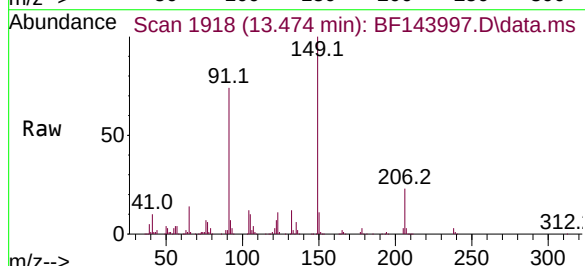
Tgt Ion:149 Resp: 252520

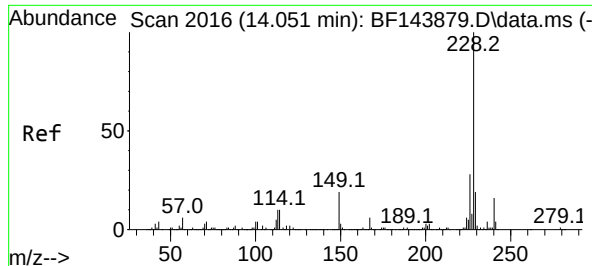
Ion Ratio Lower Upper

149 100

91 74.0 58.2 87.2

206 23.1 17.9 26.9





#81

Benzo(a)anthracene

Concen: 38.997 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

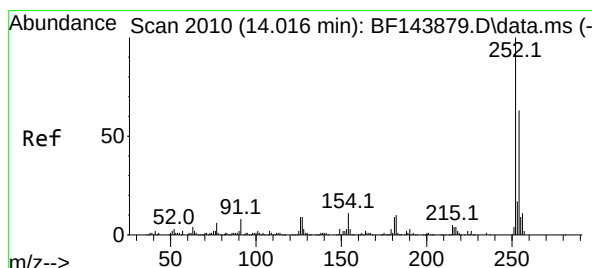
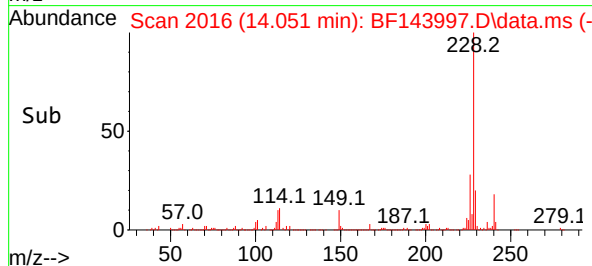
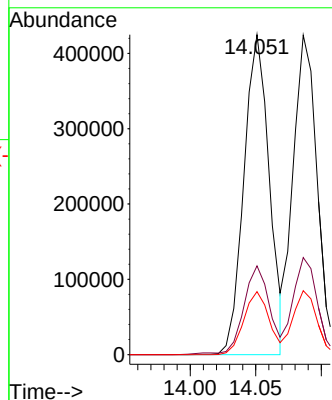
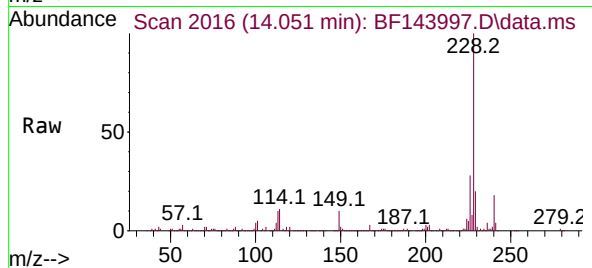
Tgt Ion:228 Resp: 572605

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 39.367 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

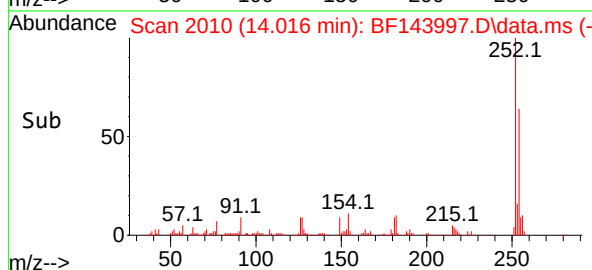
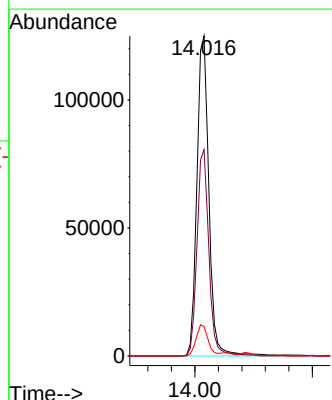
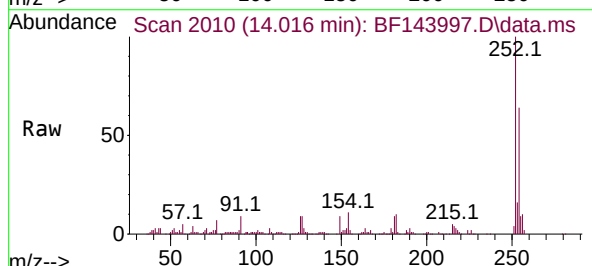
Tgt Ion:252 Resp: 176158

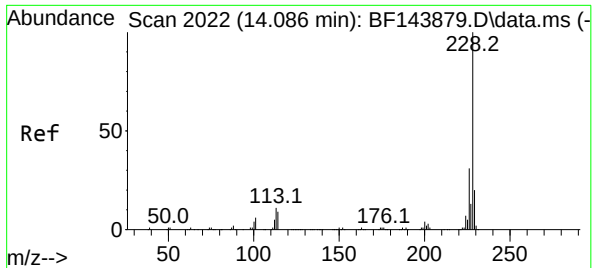
Ion Ratio Lower Upper

252 100

254 64.4 50.6 76.0

126 9.2 7.0 10.6





#83

Chrysene

Concen: 39.788 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

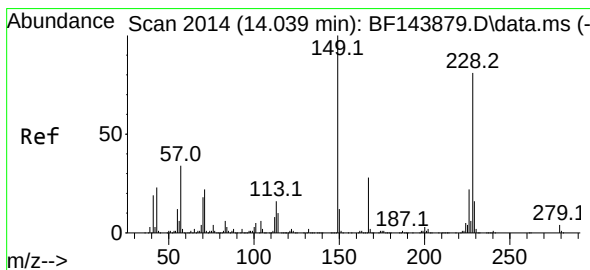
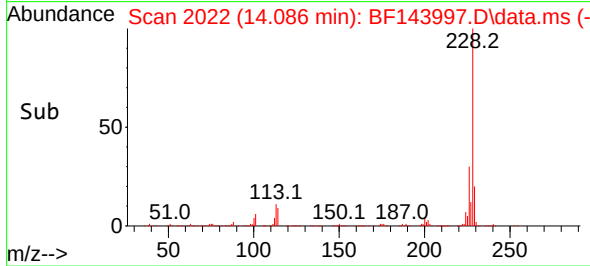
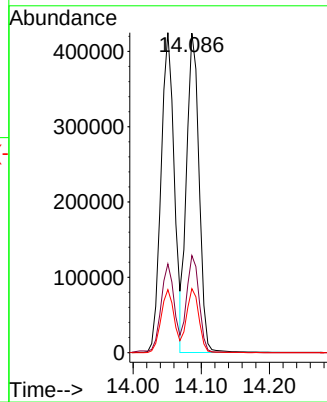
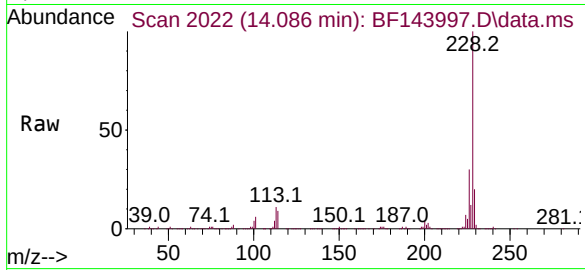
Tgt Ion:228 Resp: 540703

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.429 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

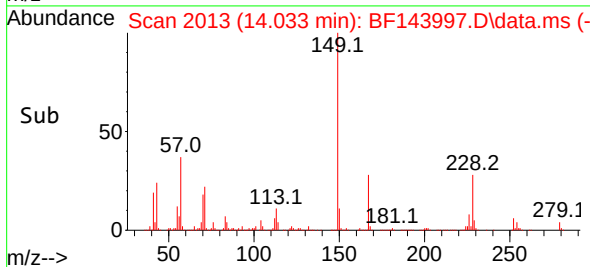
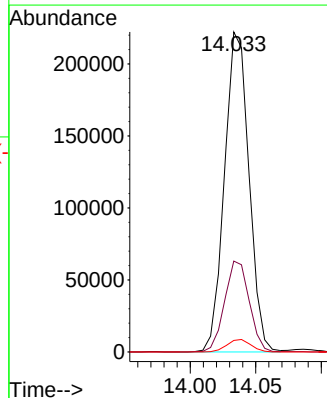
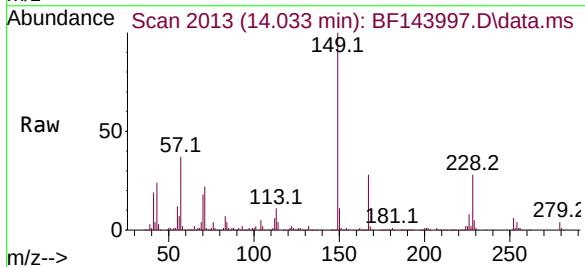
Tgt Ion:149 Resp: 288745

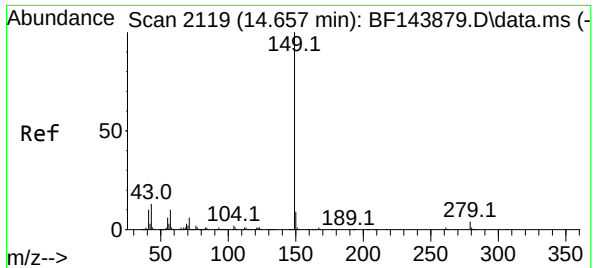
Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.4

279 3.6 3.1 4.7

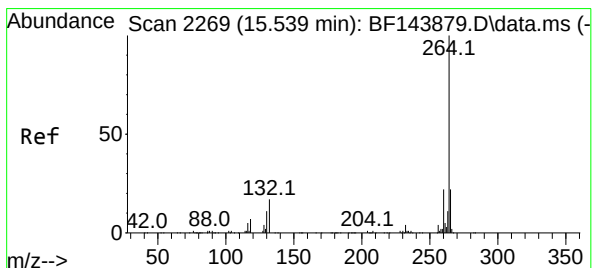
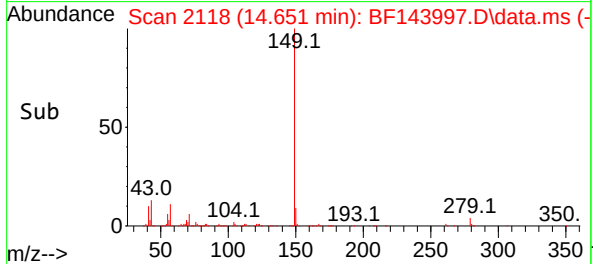
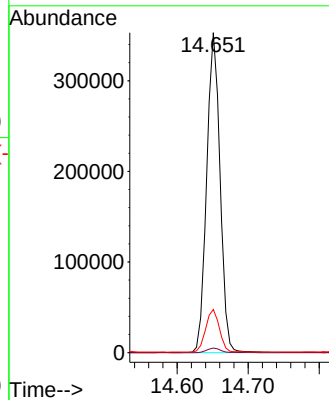
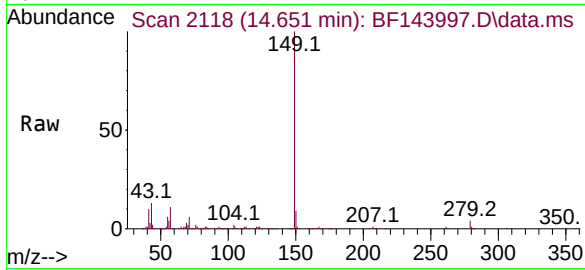




#85  
Di-n-octyl phthalate  
Concen: 38.292 ng  
RT: 14.651 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

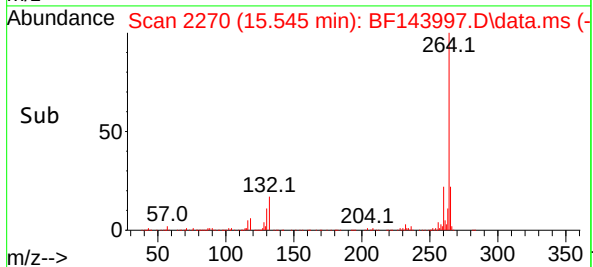
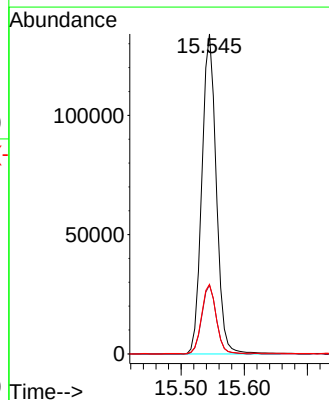
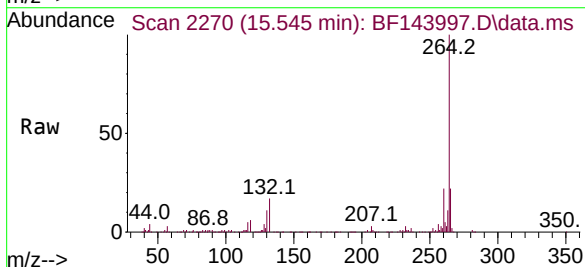
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

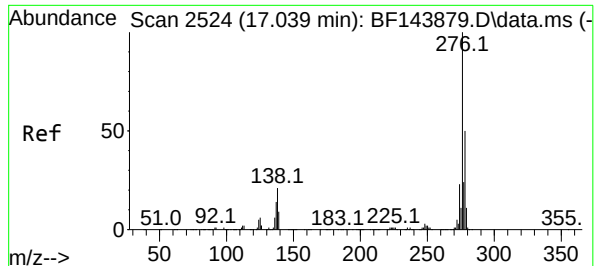
Tgt Ion:149 Resp: 460570  
Ion Ratio Lower Upper  
149 100  
167 1.4 1.1 1.7  
43 13.7 11.0 16.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

Tgt Ion:264 Resp: 212318  
Ion Ratio Lower Upper  
264 100  
260 21.5 17.8 26.8  
265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.717 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

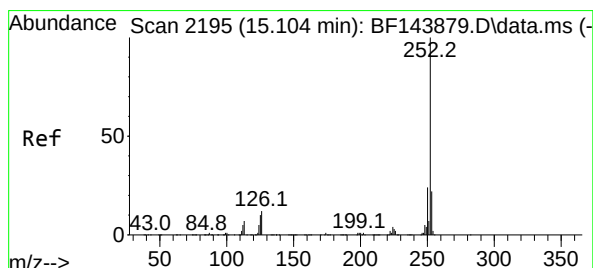
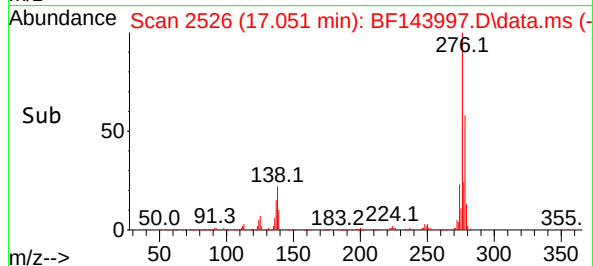
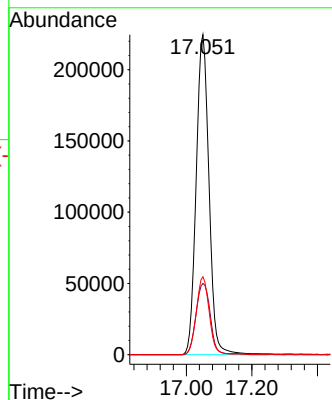
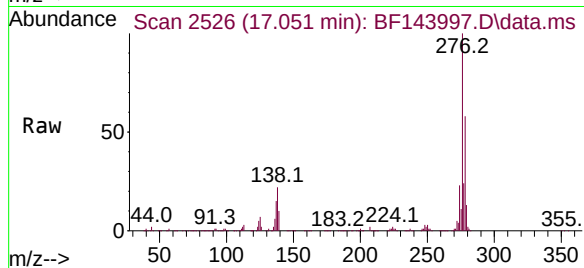
Tgt Ion:276 Resp: 607776

Ion Ratio Lower Upper

276 100

138 24.4 18.2 27.2

277 24.6 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 37.957 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

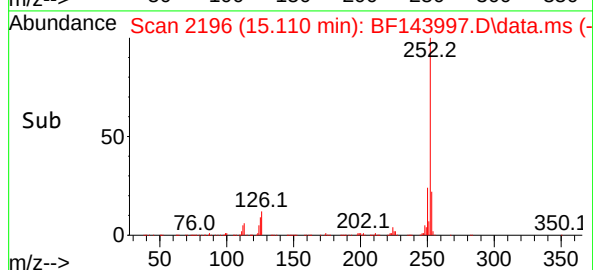
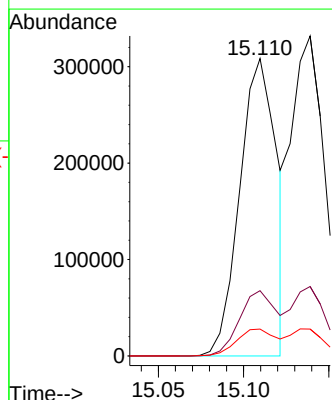
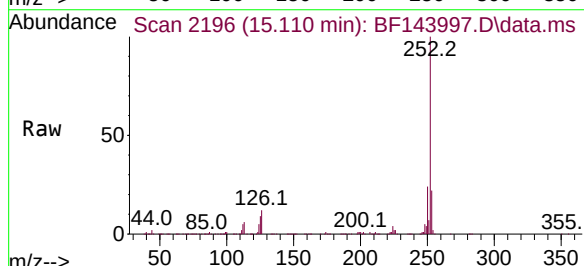
Tgt Ion:252 Resp: 462937

Ion Ratio Lower Upper

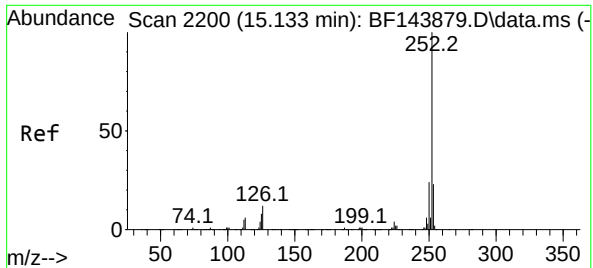
252 100

253 21.9 17.4 26.2

125 9.0 7.8 11.6







#89

Benzo(k)fluoranthene

Concen: 41.059 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

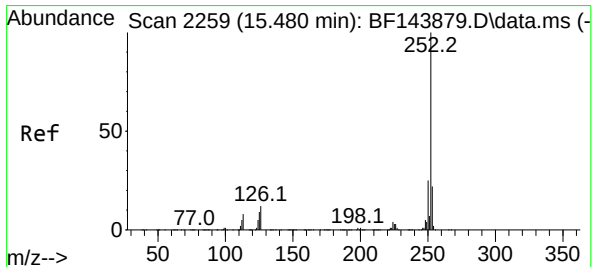
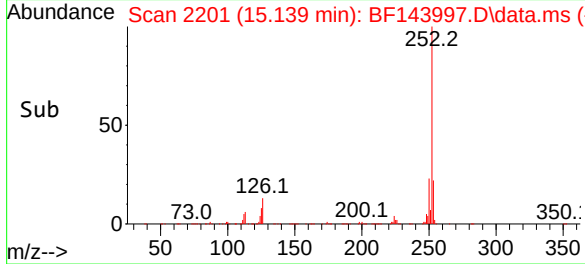
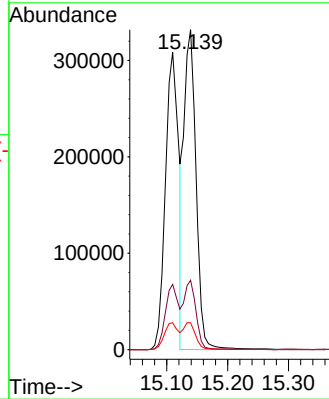
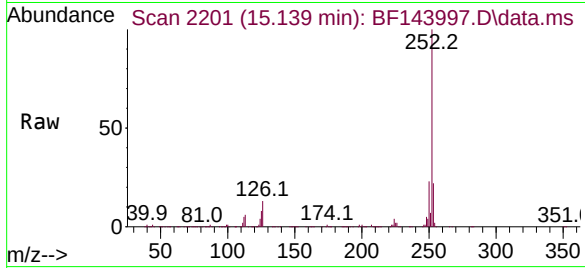
Tgt Ion:252 Resp: 463363

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.4 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.764 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143997.D

Acq: 20 Oct 2025 13:28

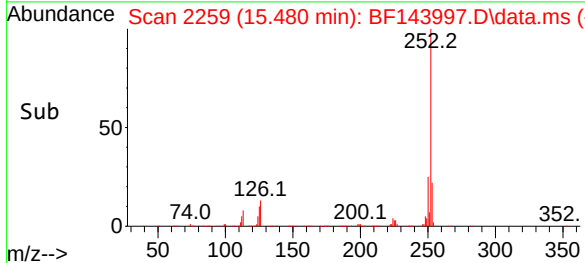
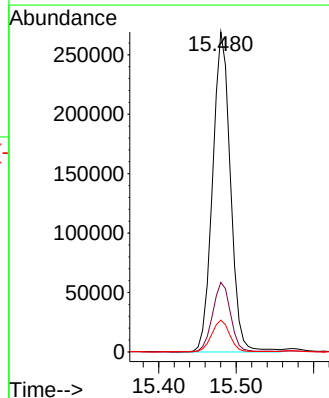
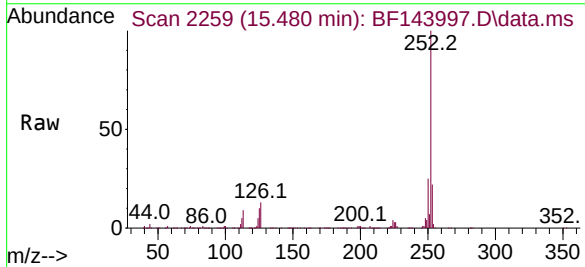
Tgt Ion:252 Resp: 431094

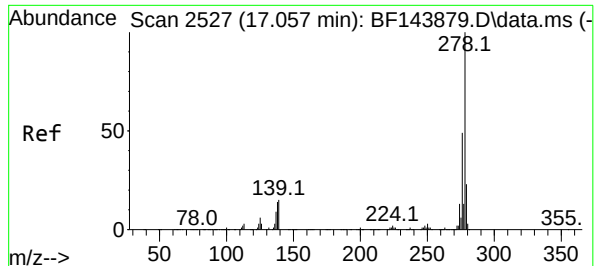
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.9 7.0 10.4

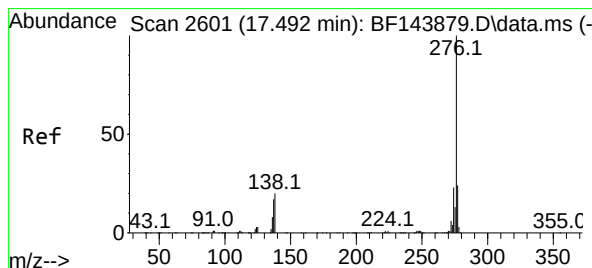
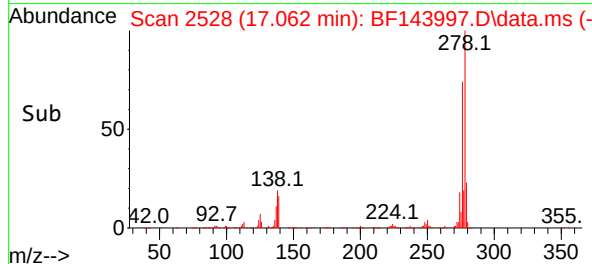
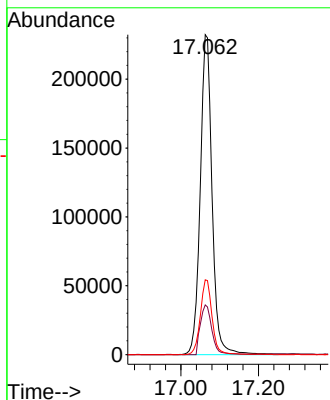
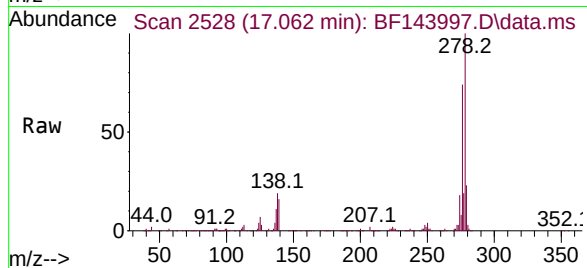




#91  
Dibenzo(a,h)anthracene  
Concen: 47.020 ng  
RT: 17.062 min Scan# 2527  
Delta R.T. -0.017 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

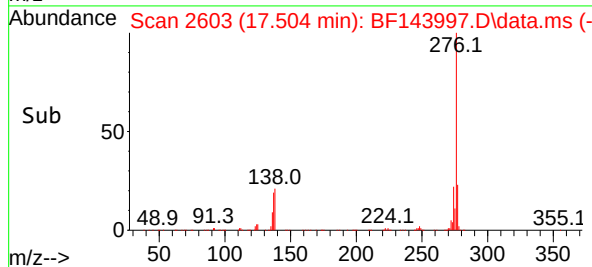
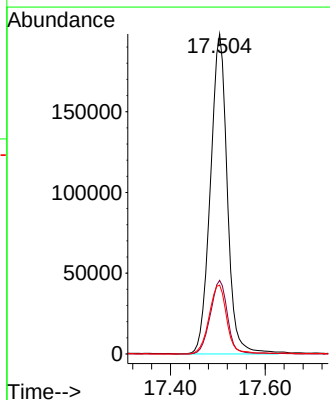
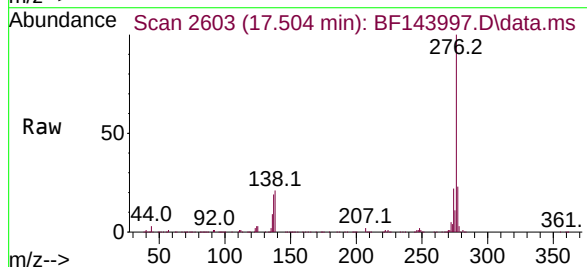
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 11.7  | 17.5  |
| 279     | 23.4  | 18.4  | 27.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 46.809 ng  
RT: 17.504 min Scan# 2603  
Delta R.T. -0.012 min  
Lab File: BF143997.D  
Acq: 20 Oct 2025 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 19.0  | 28.6  |
| 138     | 21.5  | 16.1  | 24.1  |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF143997.D  
 Acq On : 20 Oct 2025 13:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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   | 88    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.583 | 0.607 | -4.1  | 87    | -0.01    |
| 3    | Pyridine                    | 1.697 | 1.707 | -0.6  | 85    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 0.893 | 0.837 | 6.3   | 81    | -0.04    |
| 5 S  | 2-Fluorophenol              | 1.259 | 1.277 | -1.4  | 86    | 0.00     |
| 6    | Aniline                     | 2.250 | 2.215 | 1.6   | 83    | 0.00     |
| 7 S  | Phenol-d6                   | 1.501 | 1.495 | 0.4   | 85    | -0.01    |
| 8    | 2-Chlorophenol              | 1.231 | 1.238 | -0.6  | 84    | 0.00     |
| 9    | Benzaldehyde                | 1.158 | 1.204 | -4.0  | 79    | 0.00     |
| 10 C | Phenol                      | 1.795 | 1.865 | -3.9  | 89    | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 1.386 | 1.393 | -0.5  | 85    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.474 | 1.483 | -0.6  | 86    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.454 | 1.460 | -0.4  | 85    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.392 | 1.414 | -1.6  | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 1.125 | 1.151 | -2.3  | 86    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 3.156 | 3.251 | -3.0  | 88    | 0.00     |
| 17   | 2-Methylphenol              | 1.017 | 1.013 | 0.4   | 84    | 0.00     |
| 18   | Hexachloroethane            | 0.485 | 0.497 | -2.5  | 87    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.028 | 0.963 | 6.3   | 82    | -0.02    |
| 20   | 3+4-Methylphenols           | 1.179 | 1.202 | -2.0  | 83    | -0.02    |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 89    | 0.00     |
| 22   | Acetophenone                | 0.423 | 0.408 | 3.5   | 83    | -0.01    |
| 23 S | Nitrobenzene-d5             | 0.329 | 0.338 | -2.7  | 87    | -0.01    |
| 24   | Nitrobenzene                | 0.366 | 0.371 | -1.4  | 84    | -0.01    |
| 25   | Isophorone                  | 0.694 | 0.660 | 4.9   | 83    | -0.02    |
| 26 C | 2-Nitrophenol               | 0.157 | 0.179 | -14.0 | 91    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.286 | -1.4  | 86    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.438 | 0.428 | 2.3   | 85    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.294 | 0.288 | 2.0   | 83    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.289 | 0.286 | 1.0   | 85    | 0.00     |
| 31   | Naphthalene                 | 0.910 | 0.892 | 2.0   | 85    | 0.00     |
| 32   | Benzoic acid                | 0.195 | 0.184 | 5.6   | 81    | -0.04    |
| 33   | 4-Chloroaniline             | 0.341 | 0.339 | 0.6   | 84    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.201 | 0.194 | 3.5   | 83    | 0.00     |
| 35   | Caprolactam                 | 0.093 | 0.092 | 1.1   | 85    | -0.04    |
| 36 C | 4-Chloro-3-methylphenol     | 0.282 | 0.273 | 3.2   | 84    | -0.01    |
| 37   | 2-Methylnaphthalene         | 0.606 | 0.583 | 3.8   | 84    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.588 | 0.565 | 3.9   | 83    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 89    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.553 | 0.560 | -1.3  | 84    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.229 | 0.236 | -3.1  | 81    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.199 | 0.198 | 0.5   | 85    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.404 | 0.405 | -0.2  | 81    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.427 | 0.422 | 1.2   | 82    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.260 | 1.168 | 7.3   | 85    | -0.01    |
| 46   | 1,1'-Biphenyl               | 1.324 | 1.296 | 2.1   | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.104 | 1.104 | 0.0   | 86    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF143997.D  
 Acq On : 20 Oct 2025 13:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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             | 0.349 | 0.369 | -5.7  | 83    | 0.00     |
| 49   | Acenaphthylene             | 1.552 | 1.553 | -0.1  | 85    | 0.00     |
| 50   | Dimethylphthalate          | 1.270 | 1.238 | 2.5   | 85    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.236 | 0.262 | -11.0 | 89    | -0.01    |
| 52 C | Acenaphthene               | 1.017 | 0.995 | 2.2   | 84    | 0.00     |
| 53   | 3-Nitroaniline             | 0.288 | 0.307 | -6.6  | 89    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 0.118 | 0.112 | 5.1   | 83    | 0.00     |
| 55   | Dibenzofuran               | 1.436 | 1.417 | 1.3   | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.218 | 0.209 | 4.1   | 79    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.320 | 0.364 | -13.7 | 88    | 0.00     |
| 58   | Fluorene                   | 1.083 | 1.040 | 4.0   | 84    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.298 | 1.3   | 81    | 0.00     |
| 60   | Diethylphthalate           | 1.180 | 1.162 | 1.5   | 84    | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 0.573 | 0.563 | 1.7   | 84    | 0.00     |
| 62   | 4-Nitroaniline             | 0.277 | 0.284 | -2.5  | 86    | -0.02    |
| 63   | Azobenzene                 | 1.233 | 1.213 | 1.6   | 84    | -0.01    |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.101 | 0.110 | -8.9  | 86    | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 0.628 | 0.625 | 0.5   | 83    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.221 | 0.220 | 0.5   | 82    | 0.00     |
| 68   | Hexachlorobenzene          | 0.256 | 0.254 | 0.8   | 82    | 0.00     |
| 69   | Atrazine                   | 0.190 | 0.186 | 2.1   | 83    | -0.01    |
| 70 C | Pentachlorophenol          | 0.147 | 0.131 | 10.9  | 72    | 0.00     |
| 71   | Phenanthrene               | 0.970 | 0.966 | 0.4   | 86    | 0.00     |
| 72   | Anthracene                 | 0.980 | 0.968 | 1.2   | 82    | 0.00     |
| 73   | Carbazole                  | 0.868 | 0.858 | 1.2   | 84    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.005 | 1.014 | -0.9  | 83    | 0.00     |
| 75 C | Fluoranthene               | 1.002 | 0.979 | 2.3   | 82    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 88    | 0.00     |
| 77   | Benzidine                  | 0.694 | 0.554 | 20.2  | 64    | 0.00     |
| 78   | Pyrene                     | 1.667 | 1.712 | -2.7  | 81    | 0.00     |
| 79 S | Terphenyl-d14              | 1.170 | 1.223 | -4.5  | 84    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.542 | 0.563 | -3.9  | 80    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.309 | 1.276 | 2.5   | 80    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.399 | 0.393 | 1.5   | 79    | 0.00     |
| 83   | Chrysene                   | 1.211 | 1.205 | 0.5   | 82    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.653 | 0.643 | 1.5   | 77    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.072 | 1.026 | 4.3   | 76    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 85    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.225 | 1.431 | -16.8 | 87    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.149 | 1.090 | 5.1   | 73    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.063 | 1.091 | -2.6  | 83    | 0.00     |
| 90 C | Benzo(a)pyrene             | 0.996 | 1.015 | -1.9  | 78    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 0.986 | 1.159 | -17.5 | 87    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 0.986 | 1.153 | -16.9 | 87    | -0.01    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
Data File : BF143997.D  
Acq On : 20 Oct 2025 13:28  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF143997.D  
 Acq On : 20 Oct 2025 13:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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   | 88    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.651 | -4.1  | 87    | -0.01    |
| 3    | Pyridine                    | 40.000 | 40.244 | -0.6  | 85    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.492 | 6.3   | 81    | -0.04    |
| 5 S  | 2-Fluorophenol              | 80.000 | 81.118 | -1.4  | 86    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.380 | 1.5   | 83    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.683 | 0.4   | 85    | -0.01    |
| 8    | 2-Chlorophenol              | 40.000 | 40.221 | -0.6  | 84    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.597 | -4.0  | 79    | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.566 | -3.9  | 89    | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.191 | -0.5  | 85    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.264 | -0.7  | 86    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.162 | -0.4  | 85    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.625 | -1.6  | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.933 | -2.3  | 86    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.204 | -3.0  | 88    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.810 | 0.5   | 84    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.025 | -2.6  | 87    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.483 | 6.3   | 82    | -0.02    |
| 20   | 3+4-Methylphenols           | 40.000 | 40.771 | -1.9  | 83    | -0.02    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 89    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.622 | 3.4   | 83    | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.149 | -2.7  | 87    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 40.553 | -1.4  | 84    | -0.01    |
| 25   | Isophorone                  | 40.000 | 38.057 | 4.9   | 83    | -0.02    |
| 26 C | 2-Nitrophenol               | 40.000 | 45.762 | -14.4 | 91    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.563 | -1.4  | 86    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.012 | 2.5   | 85    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.243 | 1.9   | 83    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.607 | 1.0   | 85    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.234 | 1.9   | 85    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.714 | 5.7   | 81    | -0.04    |
| 33   | 4-Chloroaniline             | 40.000 | 39.691 | 0.8   | 84    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.752 | 3.1   | 83    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.344 | 1.6   | 85    | -0.04    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.675 | 3.3   | 84    | -0.01    |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.483 | 3.8   | 84    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.454 | 3.9   | 83    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 89    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.516 | -1.3  | 84    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.223 | -3.1  | 81    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 79.625 | 0.5   | 85    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.143 | -0.4  | 81    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.592 | 1.0   | 82    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.153 | 7.3   | 85    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.160 | 2.1   | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.014 | -0.0  | 86    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF143997.D  
 Acq On : 20 Oct 2025 13:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 42.245 | -5.6  | 83    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.020 | -0.1  | 85    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.976 | 2.6   | 85    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 44.543 | -11.4 | 89    | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 39.116 | 2.2   | 84    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.535 | -6.3  | 89    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 35.105 | 12.2  | 83    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.478 | 1.3   | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.222 | 4.4   | 79    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.401 | -13.5 | 88    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.388 | 4.0   | 84    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.485 | 1.3   | 81    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.405 | 1.5   | 84    | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.311 | 1.7   | 84    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.972 | -2.4  | 86    | -0.02    |
| 63   | Azobenzene                 | 40.000 | 39.330 | 1.7   | 84    | -0.01    |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 87    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.655 | -9.1  | 86    | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.818 | 0.5   | 83    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.762 | 0.6   | 82    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.674 | 0.8   | 82    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.148 | 2.1   | 83    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 35.771 | 10.6  | 72    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.869 | 0.3   | 86    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.529 | 1.2   | 82    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.550 | 1.1   | 84    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.340 | -0.9  | 83    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.088 | 2.3   | 82    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 88    | 0.00     |
| 77   | Benzidine                  | 40.000 | 31.905 | 20.2  | 64    | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.079 | -2.7  | 81    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 83.641 | -4.6  | 84    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.567 | -3.9  | 80    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.997 | 2.5   | 80    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.367 | 1.6   | 79    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.788 | 0.5   | 82    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.429 | 1.4   | 77    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.292 | 4.3   | 76    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 46.717 | -16.8 | 87    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.957 | 5.1   | 73    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.059 | -2.6  | 83    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.764 | -1.9  | 78    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 47.020 | -17.6 | 87    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 46.809 | -17.0 | 87    | -0.01    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
Data File : BF143997.D  
Acq On : 20 Oct 2025 13:28  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 20 15:47:39 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 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





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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>AEC002</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3375</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>10/21/2025 13:29</u>      |
| Lab File ID:    | <u>BF144009.D</u> | Init. Calib. Date(s):  | <u>10/06/2025 10/06/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:59 14:22</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| 2-Fluorophenol              | 1.259 | 1.299  |            | 3.2   |       |
| Benzaldehyde                | 1.158 | 1.203  |            | 3.9   |       |
| Phenol-d6                   | 1.501 | 1.494  |            | -0.5  |       |
| Phenol                      | 1.795 | 1.901  |            | 5.9   | 20.0  |
| bis(2-Chloroethyl)ether     | 1.386 | 1.376  |            | -0.7  |       |
| 2-Chlorophenol              | 1.231 | 1.267  |            | 2.9   |       |
| 2-Methylphenol              | 1.017 | 1.009  |            | -0.8  |       |
| 2,2-oxybis(1-Chloropropane) | 3.156 | 3.225  |            | 2.2   |       |
| Acetophenone                | 0.423 | 0.409  |            | -3.3  |       |
| 3+4-Methylphenols           | 1.179 | 1.177  |            | -0.2  |       |
| n-Nitroso-di-n-propylamine  | 1.028 | 0.983  | 0.050      | -4.4  |       |
| Nitrobenzene-d5             | 0.329 | 0.341  |            | 3.6   |       |
| Hexachloroethane            | 0.485 | 0.486  |            | 0.2   |       |
| Nitrobenzene                | 0.366 | 0.382  |            | 4.4   |       |
| Isophorone                  | 0.694 | 0.664  |            | -4.3  |       |
| 2-Nitrophenol               | 0.157 | 0.182  |            | 15.9  | 20.0  |
| 2,4-Dimethylphenol          | 0.282 | 0.290  |            | 2.8   |       |
| bis(2-Chloroethoxy)methane  | 0.438 | 0.433  |            | -1.1  |       |
| 2,4-Dichlorophenol          | 0.294 | 0.295  |            | 0.3   | 20.0  |
| Naphthalene                 | 0.910 | 0.902  |            | -0.9  |       |
| 4-Chloroaniline             | 0.341 | 0.341  |            | 0.0   |       |
| Hexachlorobutadiene         | 0.201 | 0.197  |            | -2.0  | 20.0  |
| Caprolactam                 | 0.093 | 0.095  |            | 2.2   |       |
| 4-Chloro-3-methylphenol     | 0.282 | 0.281  |            | -0.4  | 20.0  |
| 2-Methylnaphthalene         | 0.606 | 0.599  |            | -1.2  |       |
| Hexachlorocyclopentadiene   | 0.229 | 0.224  | 0.050      | -2.2  |       |
| 2,4,6-Trichlorophenol       | 0.404 | 0.394  |            | -2.5  | 20.0  |
| 2-Fluorobiphenyl            | 1.260 | 1.174  |            | -6.8  |       |
| 2,4,5-Trichlorophenol       | 0.427 | 0.432  |            | 1.2   |       |
| 1,1-Biphenyl                | 1.324 | 1.283  |            | -3.1  |       |
| 2-Chloronaphthalene         | 1.104 | 1.099  |            | -0.5  |       |
| 2-Nitroaniline              | 0.349 | 0.372  |            | 6.6   |       |
| Dimethylphthalate           | 1.270 | 1.246  |            | -1.9  |       |
| Acenaphthylene              | 1.552 | 1.531  |            | -1.4  |       |
| 2,6-Dinitrotoluene          | 0.236 | 0.265  |            | 12.3  |       |
| 3-Nitroaniline              | 0.288 | 0.299  |            | 3.8   |       |
| Acenaphthene                | 1.017 | 0.980  |            | -3.6  | 20.0  |
| 2,4-Dinitrophenol           | 0.118 | 0.105  | 0.050      | -11.0 |       |
| 4-Nitrophenol               | 0.218 | 0.197  | 0.050      | -9.6  |       |



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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>AECO02</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3375</u>                 |
| Instrument ID:  | <u>BNA_F</u>      | Calibration Date/Time: | <u>10/21/2025 13:29</u>      |
| Lab File ID:    | <u>BF144009.D</u> | Init. Calib. Date(s):  | <u>10/06/2025 10/06/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:59 14:22</u>           |
| GC Column:      | <u>DB-UI</u>      | ID:                    | <u>0.18</u> (mm)             |

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|----------------------------|-------|--------|------------|-------|-------|
| Dibenzofuran               | 1.436 | 1.413  |            | -1.6  |       |
| 2,4-Dinitrotoluene         | 0.320 | 0.350  |            | 9.4   |       |
| Diethylphthalate           | 1.180 | 1.127  |            | -4.5  |       |
| 4-Chlorophenyl-phenylether | 0.573 | 0.561  |            | -2.1  |       |
| Fluorene                   | 1.083 | 1.053  |            | -2.9  |       |
| 4-Nitroaniline             | 0.277 | 0.278  |            | 0.4   |       |
| 4,6-Dinitro-2-methylphenol | 0.101 | 0.109  |            | 7.9   |       |
| n-Nitrosodiphenylamine     | 0.628 | 0.632  |            | 0.6   | 20.0  |
| 2,4,6-Tribromophenol       | 0.199 | 0.191  |            | -4.0  |       |
| 4-Bromophenyl-phenylether  | 0.221 | 0.213  |            | -3.6  |       |
| Hexachlorobenzene          | 0.256 | 0.249  |            | -2.7  |       |
| Atrazine                   | 0.190 | 0.184  |            | -3.2  |       |
| Pentachlorophenol          | 0.147 | 0.129  |            | -12.2 | 20.0  |
| Phenanthrene               | 0.970 | 0.933  |            | -3.8  |       |
| Anthracene                 | 0.980 | 0.987  |            | 0.7   |       |
| Carbazole                  | 0.868 | 0.845  |            | -2.7  |       |
| Di-n-butylphthalate        | 1.005 | 1.014  |            | 0.9   |       |
| Fluoranthene               | 1.002 | 0.960  |            | -4.2  | 20.0  |
| Pyrene                     | 1.667 | 1.805  |            | 8.3   |       |
| Terphenyl-d14              | 1.170 | 1.282  |            | 9.6   |       |
| Butylbenzylphthalate       | 0.542 | 0.567  |            | 4.6   |       |
| 3,3-Dichlorobenzidine      | 0.399 | 0.400  |            | 0.3   |       |
| Benzo (a) anthracene       | 1.309 | 1.372  |            | 4.8   |       |
| Chrysene                   | 1.211 | 1.172  |            | -3.2  |       |
| Bis(2-ethylhexyl)phthalate | 0.653 | 0.671  |            | 2.8   |       |
| Di-n-octyl phthalate       | 1.072 | 1.175  |            | 9.6   | 20.0  |
| Benzo (b) fluoranthene     | 1.149 | 1.144  |            | -0.4  |       |
| Benzo (k) fluoranthene     | 1.063 | 0.968  |            | -8.9  |       |
| Benzo (a) pyrene           | 0.996 | 1.033  |            | 3.7   | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.225 | 1.420  |            | 15.9  |       |
| Dibenzo (a,h) anthracene   | 0.986 | 1.157  |            | 17.3  |       |
| Benzo (g,h,i) perylene     | 0.986 | 1.143  |            | 15.9  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.553 | 0.559  |            | 1.1   |       |
| 1,4-Dioxane                | 0.583 | 0.600  |            | 2.9   | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.299  |            | -1.0  |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144009.D  
 Acq On : 21 Oct 2025 13:29  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 21 13:57:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 126907   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 483648   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 263342   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 430811   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 235758   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 243917   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 659598   | 82.54 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 758257   | 79.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 659772   | 82.88 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 201018   | 76.64 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1236786  | 74.52 | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.004 | 244  | 1208859  | 87.63 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.640  | 88   | 152307   | 41.18 | ng    | 95       |
| 3) Pyridine                   | 3.404  | 79   | 433211   | 40.24 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 214136   | 37.81 | ng    | 96       |
| 6) Aniline                    | 6.545  | 93   | 562479   | 39.41 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 321477   | 41.15 | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 305342   | 41.55 | ng    | 100      |
| 10) Phenol                    | 6.522  | 94   | 482522   | 42.37 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 349275   | 39.70 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 371419   | 39.72 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 363777   | 39.44 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 358067   | 40.53 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 284416   | 39.85 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151  | 45   | 818434   | 40.87 | ng    | 100      |
| 17) 2-Methylphenol            | 7.134  | 107  | 256143   | 39.68 | ng    | 98       |
| 18) Hexachloroethane          | 7.392  | 117  | 123432   | 40.13 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 249549   | 38.27 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.287  | 107  | 298653   | 39.91 | ng    | # 79     |
| 22) Acetophenone              | 7.292  | 105  | 395279   | 38.65 | ng    | 99       |
| 24) Nitrobenzene              | 7.463  | 77   | 369646   | 41.81 | ng    | 99       |
| 25) Isophorone                | 7.704  | 82   | 642035   | 38.25 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 175637   | 46.34 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.816  | 122  | 280851   | 41.19 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 419161   | 39.53 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 284947   | 40.12 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 278910   | 39.93 | ng    | 100      |
| 31) Naphthalene               | 8.186  | 128  | 872696   | 39.67 | ng    | 99       |
| 32) Benzoic acid              | 7.922  | 122  | 177272   | 37.57 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.233  | 127  | 329949   | 39.99 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 190984   | 39.35 | ng    | 98       |
| 35) Caprolactam               | 8.604  | 113  | 91608    | 40.57 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 271348   | 39.78 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.881  | 142  | 579595   | 39.55 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.980  | 142  | 554429   | 39.00 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 294341   | 40.44 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.033  | 237  | 117733   | 38.99 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 207739   | 39.06 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144009.D  
 Acq On : 21 Oct 2025 13:29  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 21 13:57:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

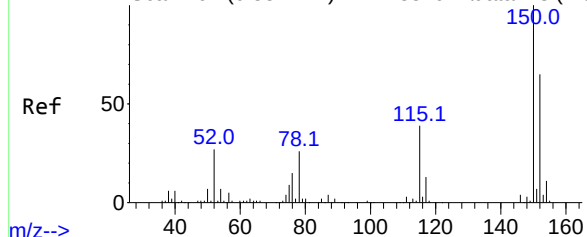
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 227628   | 40.50 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.345  | 154  | 675634   | 38.75 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 579022   | 39.83 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 195755   | 42.59 | ng    | 97       |
| 49) Acenaphthylene            | 9.786  | 152  | 806476   | 39.46 | ng    | 99       |
| 50) Dimethylphthalate         | 9.639  | 163  | 656275   | 39.24 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 139509   | 44.99 | ng    | 97       |
| 52) Acenaphthene              | 9.957  | 154  | 516301   | 38.55 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 157431   | 41.46 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.986  | 184  | 55464    | 33.42 | ng    | 92       |
| 55) Dibenzofuran              | 10.127 | 168  | 744098   | 39.36 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 103581   | 36.03 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 184180   | 43.65 | ng    | 98       |
| 58) Fluorene                  | 10.475 | 166  | 554334   | 38.86 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 157324   | 39.55 | ng    | # 97     |
| 60) Diethylphthalate          | 10.345 | 149  | 593454   | 38.20 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 295638   | 39.20 | ng    | 99       |
| 62) 4-Nitroaniline            | 10.492 | 138  | 146339   | 40.08 | ng    | 93       |
| 63) Azobenzene                | 10.627 | 77   | 637557   | 39.26 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.522 | 198  | 93751    | 43.30 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 544516   | 40.25 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 183591   | 38.56 | ng    | 96       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 214871   | 38.98 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 158713   | 38.71 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 110842   | 35.01 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 804054   | 38.50 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 850834   | 40.32 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 728491   | 38.98 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 873478   | 40.33 | ng    | 99       |
| 75) Fluoranthene              | 12.633 | 202  | 827067   | 38.34 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 288239   | 35.21 | ng    | 97       |
| 78) Pyrene                    | 12.863 | 202  | 850887   | 43.29 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.480 | 149  | 267401   | 41.89 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 646917   | 41.93 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 188768   | 40.15 | ng    | 99       |
| 83) Chrysene                  | 14.092 | 228  | 552423   | 38.69 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 316468   | 41.13 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 554105   | 43.84 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 692814   | 46.35 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.110 | 252  | 558030   | 39.83 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.139 | 252  | 472182   | 36.42 | ng    | 100      |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 503690   | 41.46 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 17.074 | 278  | 564523   | 46.96 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 557435   | 46.37 | ng    | 98       |

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

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

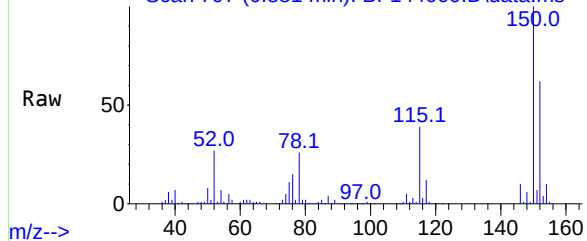
[illegible]

Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79)



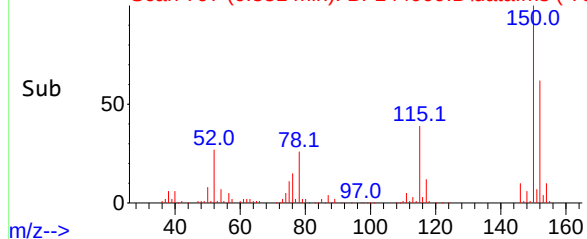
m/z--&gt;

Abundance Scan 797 (6.881 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 797 (6.881 min): BF144009.D\data.ms (-78)



m/z--&gt;

#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.005 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 126907

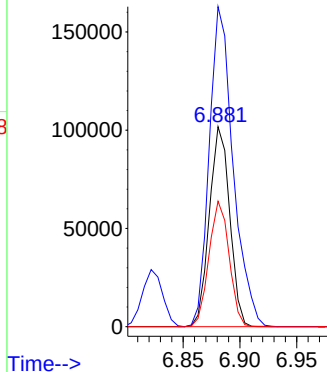
Ion Ratio Lower Upper

152 100

150 160.0 124.4 186.6

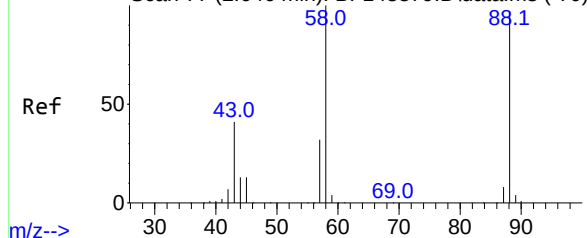
115 62.8 48.1 72.1

Abundance



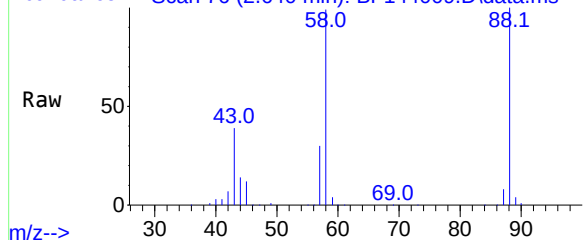
Time--&gt;

Abundance Scan 77 (2.646 min): BF143879.D\data.ms (-70)



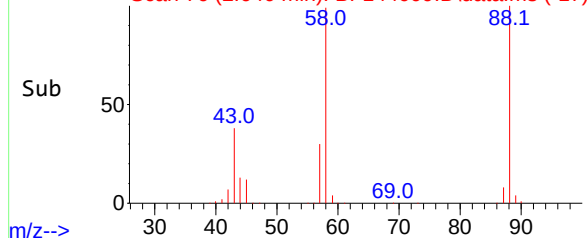
m/z--&gt;

Abundance Scan 76 (2.640 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 76 (2.640 min): BF144009.D\data.ms (-17)



m/z--&gt;

#2

1,4-Dioxane

Concen: 41.18 ng

RT: 2.640 min Scan# 76

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 88 Resp: 152307

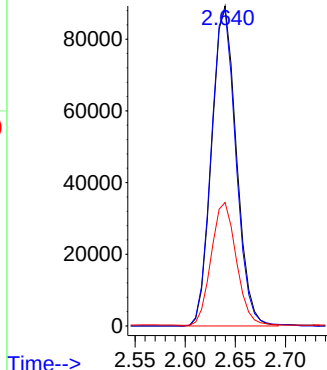
Ion Ratio Lower Upper

88 100

58 98.9 83.0 124.6

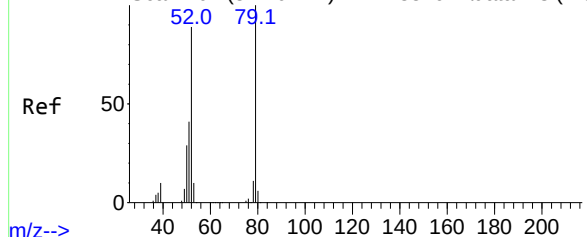
43 39.0 33.9 50.9

Abundance



Time--&gt;

Abundance Scan 207 (3.410 min): BF143879.D\data.ms (-20



#3

Pyridine

Concen: 40.24 ng

RT: 3.404 min Scan# 207

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 433211

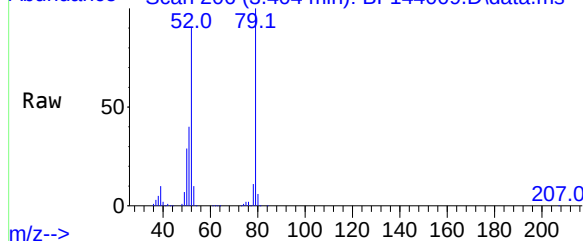
Ion Ratio Lower Upper

79 100

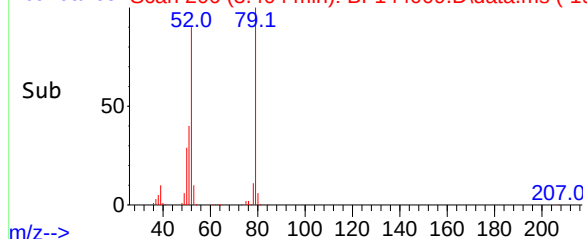
52 89.8 71.5 107.3

51 40.2 32.9 49.3

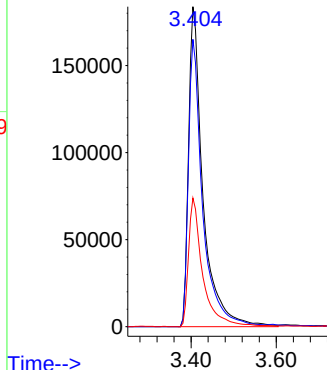
Abundance Scan 206 (3.404 min): BF144009.D\data.ms



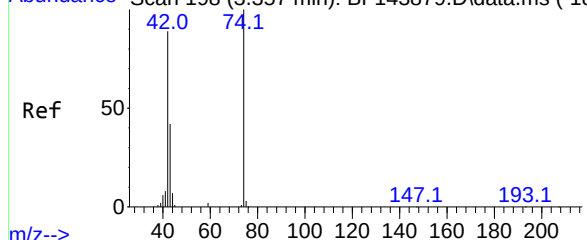
Abundance Scan 206 (3.404 min): BF144009.D\data.ms (-19



Abundance



Abundance Scan 198 (3.357 min): BF143879.D\data.ms (-18



#4

n-Nitrosodimethylamine

Concen: 37.81 ng

RT: 3.357 min Scan# 198

Delta R.T. -0.029 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 42 Resp: 214136

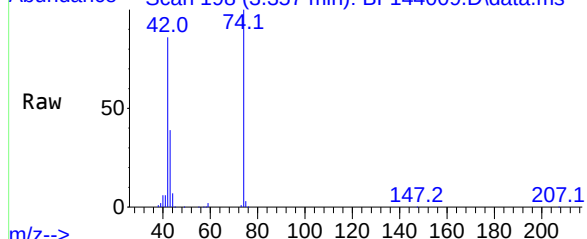
Ion Ratio Lower Upper

42 100

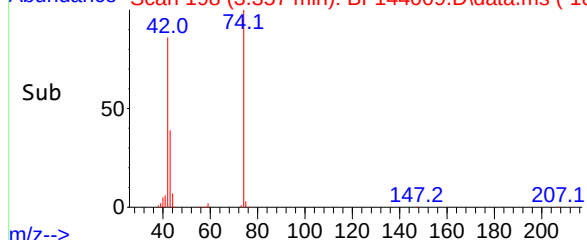
74 116.8 90.0 135.0

44 8.3 6.2 9.2

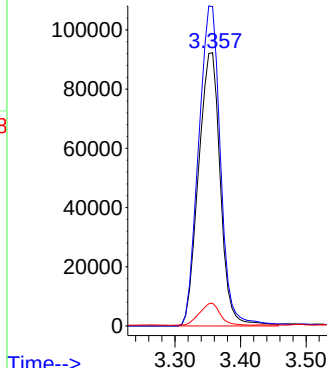
Abundance Scan 198 (3.357 min): BF144009.D\data.ms



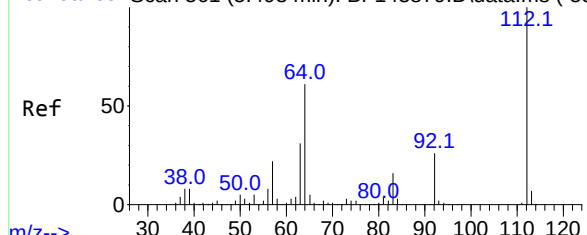
Abundance Scan 198 (3.357 min): BF144009.D\data.ms (-18



Abundance



Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



#5

2-Fluorophenol

Concen: 82.54 ng

RT: 5.492 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 659598

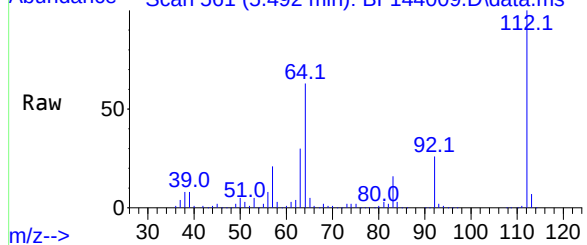
Ion Ratio Lower Upper

112 100

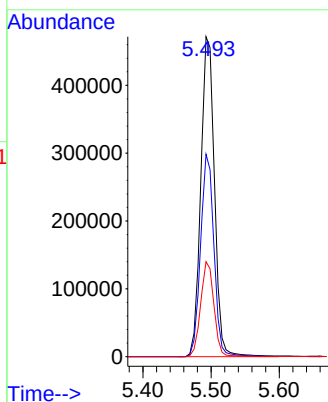
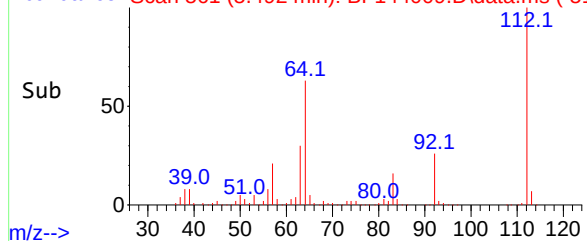
64 63.3 49.1 73.7

63 29.7 24.5 36.7

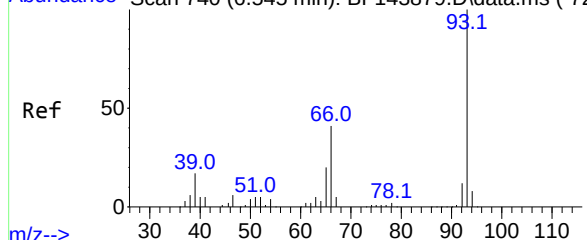
Abundance Scan 561 (5.492 min): BF144009.D\data.ms



Abundance Scan 561 (5.492 min): BF144009.D\data.ms (-51



Abundance Scan 740 (6.545 min): BF143879.D\data.ms (-72



#6

Aniline

Concen: 39.41 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 93 Resp: 562479

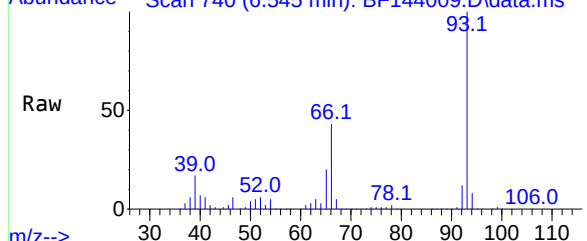
Ion Ratio Lower Upper

93 100

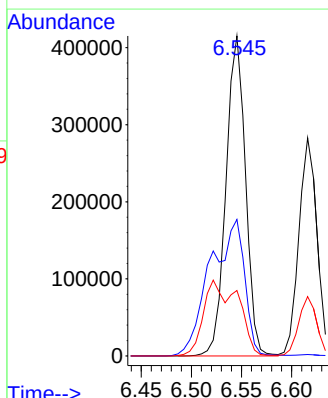
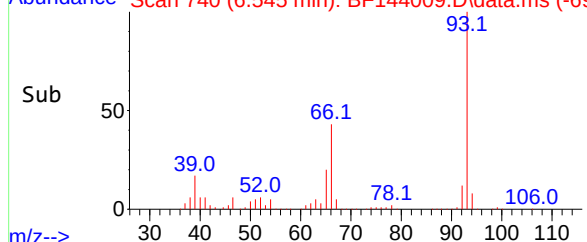
66 42.7 33.0 49.6

65 20.4 15.8 23.8

Abundance Scan 740 (6.545 min): BF144009.D\data.ms

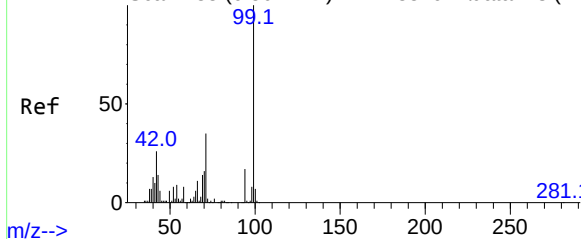


Abundance Scan 740 (6.545 min): BF144009.D\data.ms (-69





Abundance Scan 733 (6.504 min): BF143879.D\data.ms (-72



#7

Phenol-d6

Concen: 79.60 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 758257

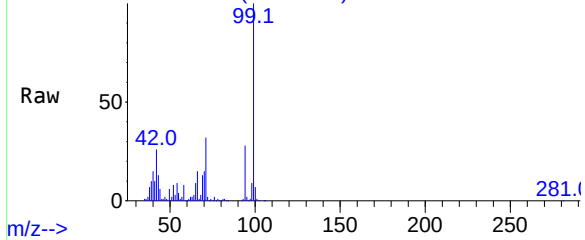
Ion Ratio Lower Upper

99 100

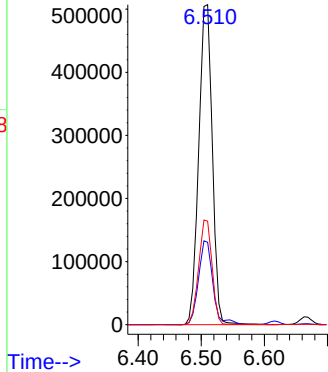
42 25.8 21.0 31.4

71 32.3 27.8 41.8

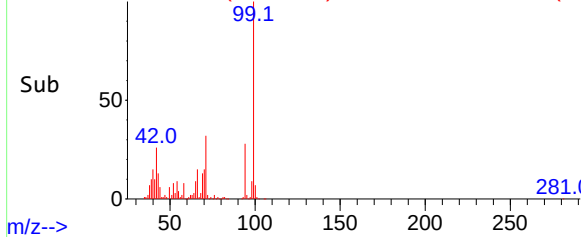
Abundance Scan 734 (6.510 min): BF144009.D\data.ms



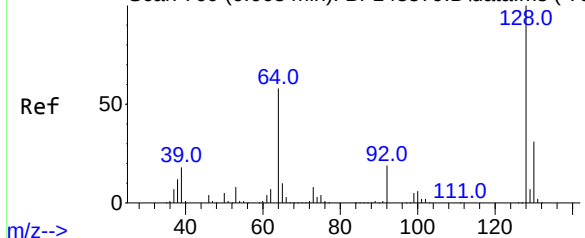
Abundance



Abundance Scan 734 (6.510 min): BF144009.D\data.ms (-68



Abundance Scan 760 (6.663 min): BF143879.D\data.ms (-75



#8

2-Chlorophenol

Concen: 41.15 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 128 Resp: 321477

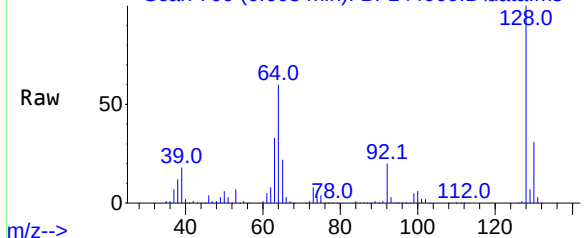
Ion Ratio Lower Upper

128 100

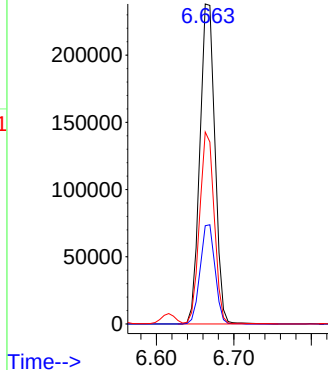
130 30.7 10.7 50.7

64 60.0 39.0 79.0

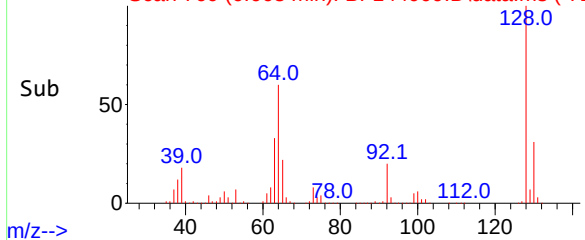
Abundance Scan 760 (6.663 min): BF144009.D\data.ms



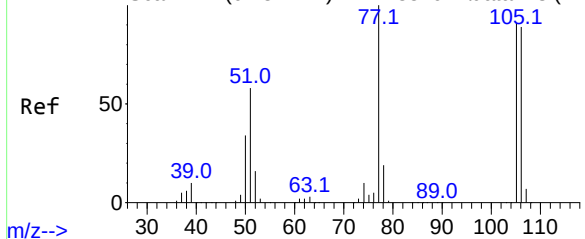
Abundance



Abundance Scan 760 (6.663 min): BF144009.D\data.ms (-71

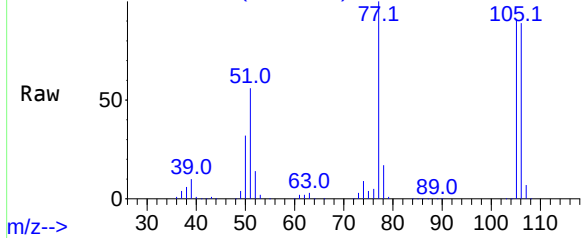


Abundance Scan 721 (6.434 min): BF143879.D\data.ms (-71



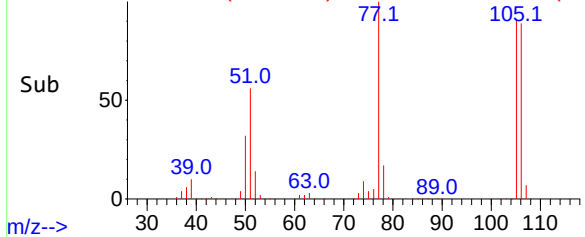
m/z--&gt;

Abundance Scan 721 (6.434 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 721 (6.434 min): BF144009.D\data.ms (-67



m/z--&gt;

#9

Benzaldehyde

Concen: 41.55 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 305342

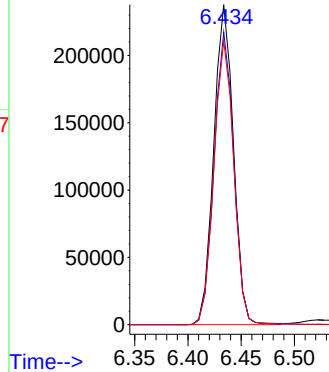
Ion Ratio Lower Upper

77 100

105 91.4 70.9 110.9

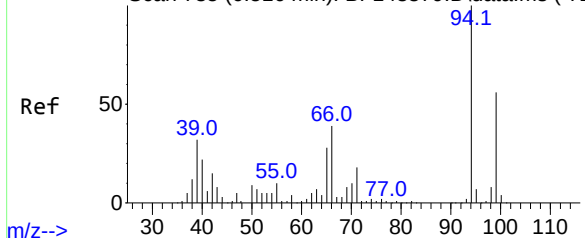
106 88.7 68.9 108.9

Abundance



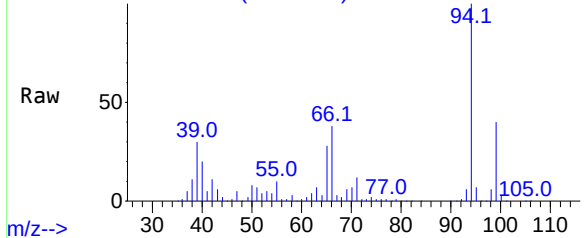
Time--&gt;

Abundance Scan 735 (6.516 min): BF143879.D\data.ms (-72



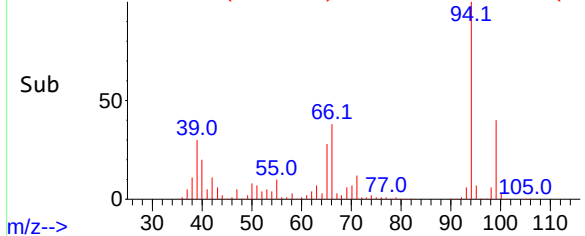
m/z--&gt;

Abundance Scan 736 (6.522 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 736 (6.522 min): BF144009.D\data.ms (-68



m/z--&gt;

#10

Phenol

Concen: 42.37 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 94 Resp: 482522

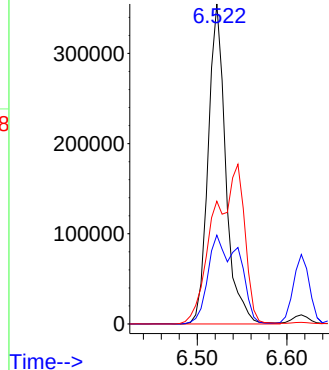
Ion Ratio Lower Upper

94 100

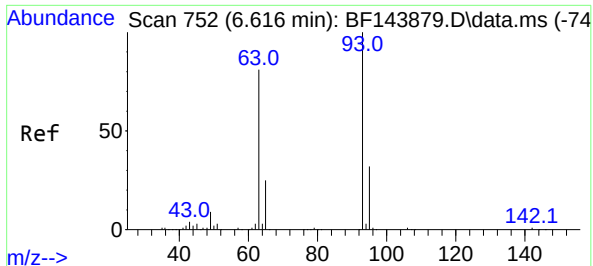
65 27.7 8.5 48.5

66 38.4 19.9 59.9

Abundance



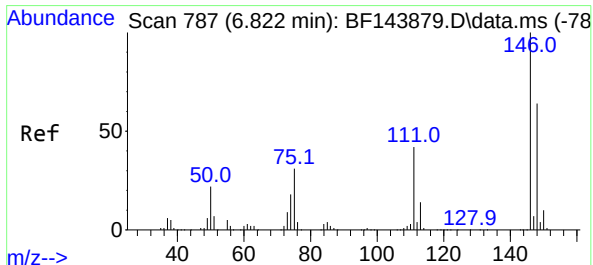
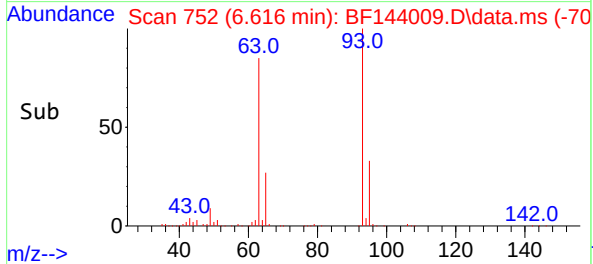
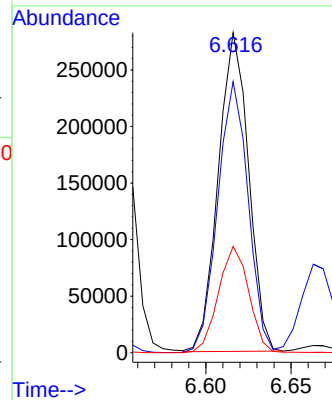
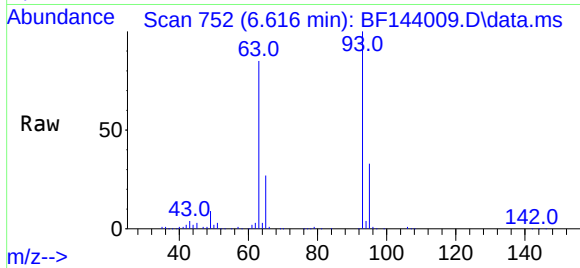
Time--&gt;



#11  
bis(2-Chloroethyl)ether  
Concen: 39.70 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

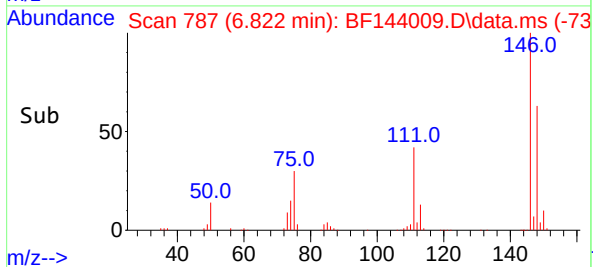
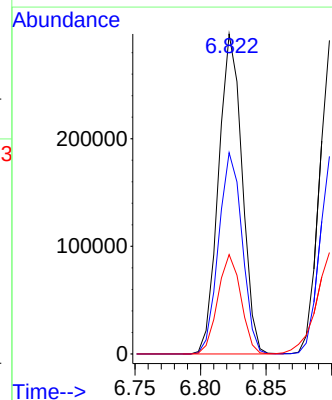
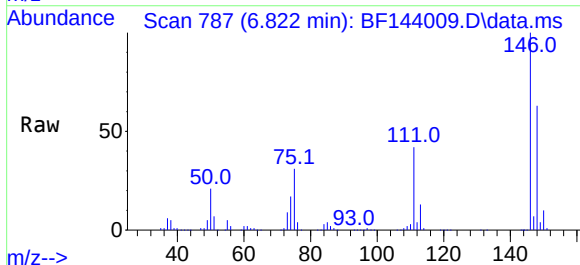
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 349275  
Ion Ratio Lower Upper  
93 100  
63 84.7 60.9 100.9  
95 33.2 11.5 51.5

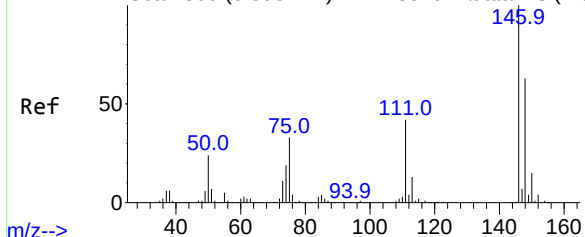


#12  
1,3-Dichlorobenzene  
Concen: 39.72 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion: 146 Resp: 371419  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.0 76.4  
75 31.1 24.9 37.3

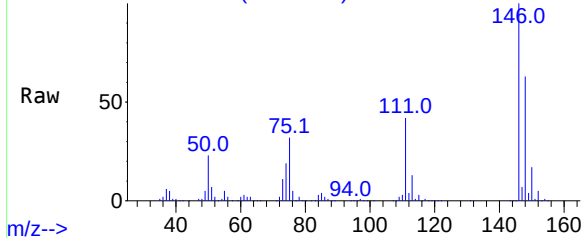


Abundance Scan 800 (6.898 min): BF143879.D\data.ms (-79



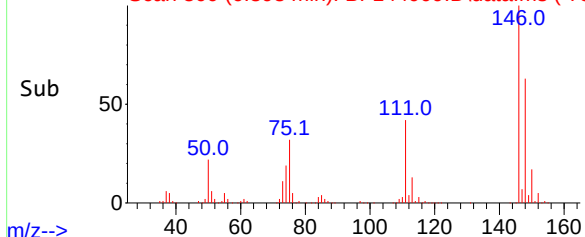
m/z--&gt;

Abundance Scan 800 (6.898 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 800 (6.898 min): BF144009.D\data.ms (-75



m/z--&gt;

#13

1,4-Dichlorobenzene

Concen: 39.44 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

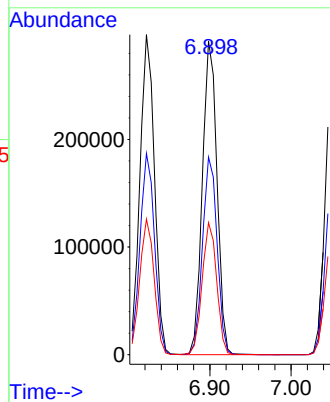
Tgt Ion:146 Resp: 363777

Ion Ratio Lower Upper

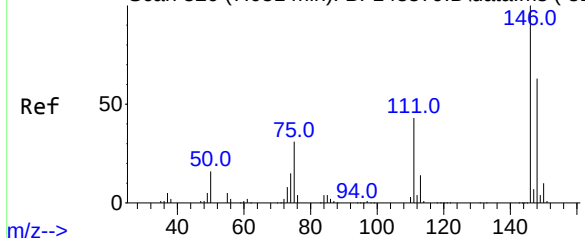
146 100

148 63.0 50.5 75.7

111 42.1 33.4 50.0

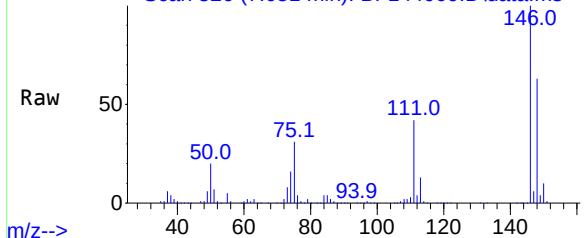


Abundance Scan 826 (7.051 min): BF143879.D\data.ms (-81



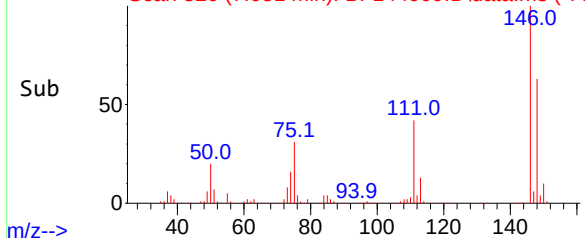
m/z--&gt;

Abundance Scan 826 (7.051 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 826 (7.051 min): BF144009.D\data.ms (-77



m/z--&gt;

#14

1,2-Dichlorobenzene

Concen: 40.53 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

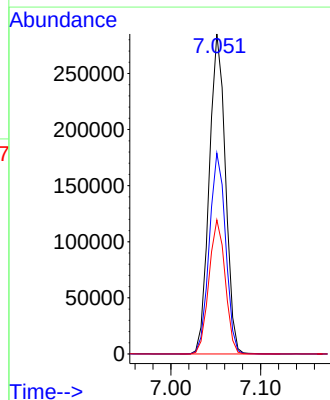
Tgt Ion:146 Resp: 358067

Ion Ratio Lower Upper

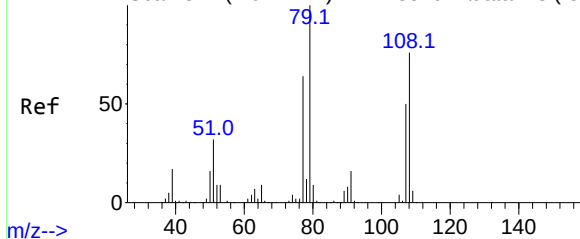
146 100

148 62.7 50.6 75.8

111 41.9 34.6 51.8

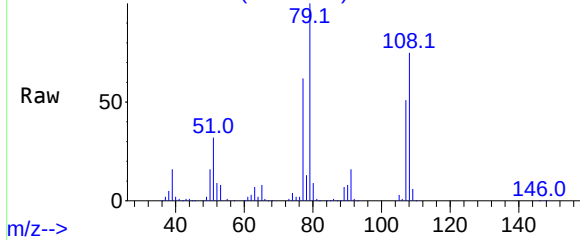


Abundance Scan 821 (7.022 min): BF143879.D\data.ms (-81



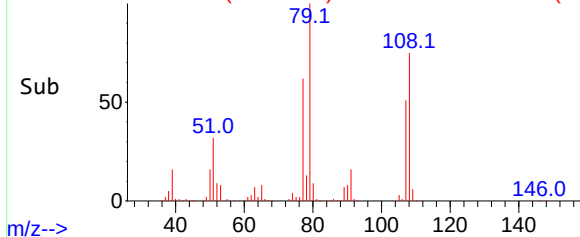
m/z--&gt;

Abundance Scan 821 (7.022 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 821 (7.022 min): BF144009.D\data.ms (-77



m/z--&gt;

#15

Benzyl Alcohol

Concen: 39.85 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 284416

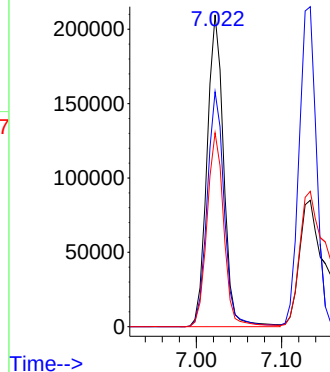
Ion Ratio Lower Upper

79 100

108 75.3 60.8 91.2

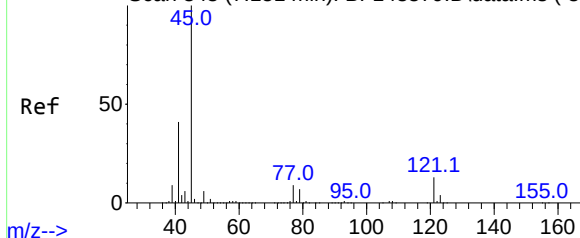
77 62.2 51.0 76.6

Abundance



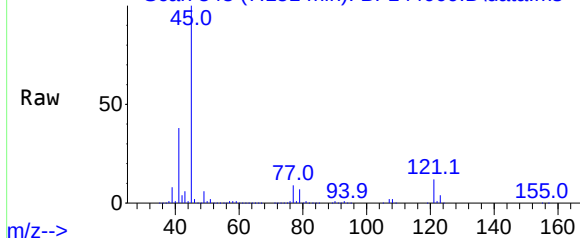
Time--&gt;

Abundance Scan 843 (7.151 min): BF143879.D\data.ms (-83



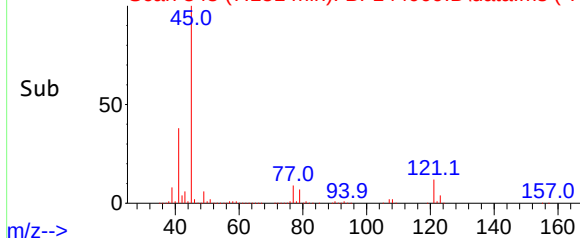
m/z--&gt;

Abundance Scan 843 (7.151 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 843 (7.151 min): BF144009.D\data.ms (-79



m/z--&gt;

#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.87 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 45 Resp: 818434

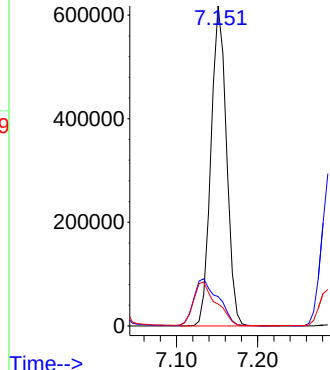
Ion Ratio Lower Upper

45 100

77 9.2 0.0 29.0

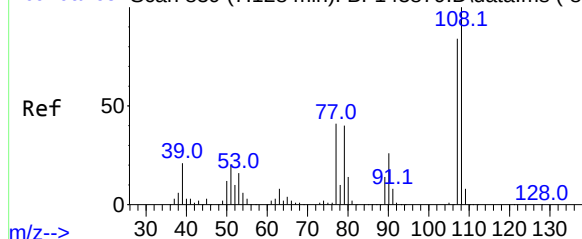
79 6.9 0.0 26.8

Abundance



Time--&gt;

Abundance Scan 839 (7.128 min): BF143879.D\data.ms (-83



#17

2-Methylphenol

Concen: 39.68 ng

RT: 7.134 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

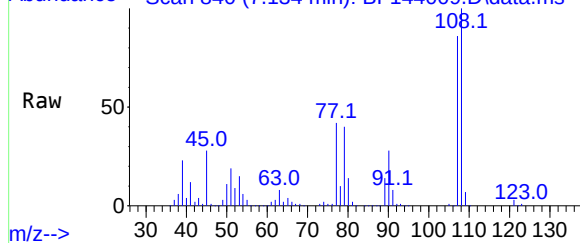
Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Abundance Scan 840 (7.134 min): BF144009.D\data.ms



Tgt Ion:107 Resp: 256143

Ion Ratio Lower Upper

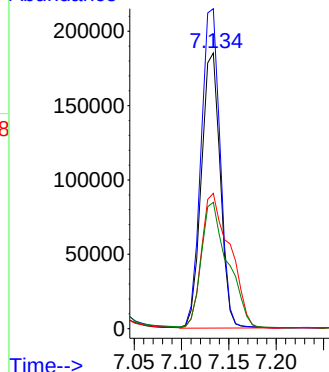
107 100

108 116.1 94.7 142.1

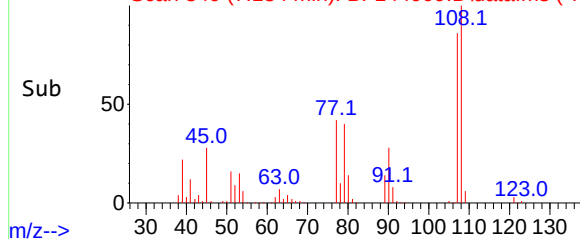
77 49.1 38.8 58.2

79 45.8 38.3 57.5

Abundance

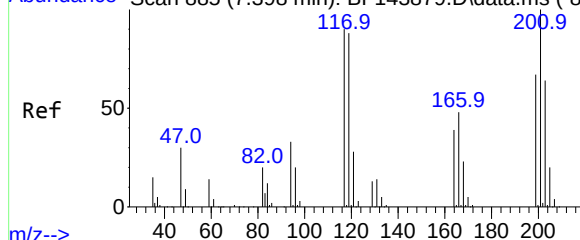


Abundance Scan 840 (7.134 min): BF144009.D\data.ms (-78



Time--&gt;

Abundance Scan 885 (7.398 min): BF143879.D\data.ms (-87



#18

Hexachloroethane

Concen: 40.13 ng

RT: 7.392 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:117 Resp: 123432

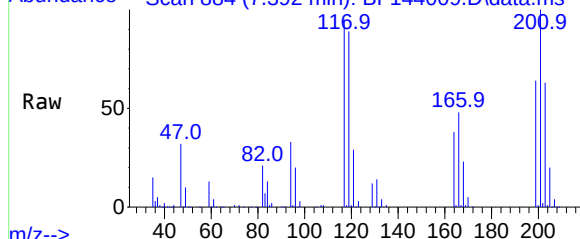
Ion Ratio Lower Upper

117 100

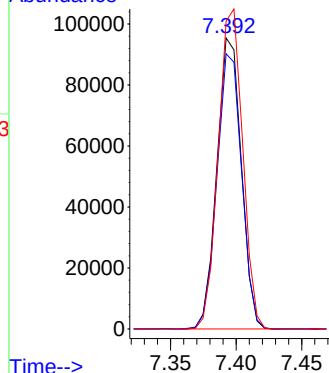
119 94.6 77.8 116.8

201 105.8 88.5 132.7

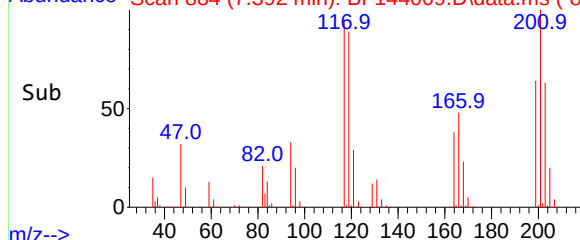
Abundance Scan 884 (7.392 min): BF144009.D\data.ms



Abundance



Abundance Scan 884 (7.392 min): BF144009.D\data.ms (-83



Time--&gt;

Abundance Scan 868 (7.298 min): BF143879.D\data.ms (-86

#19

n-Nitroso-di-n-propylamine

Concen: 38.27 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF144009.D

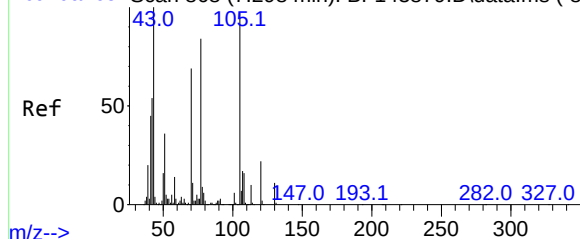
Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 249549

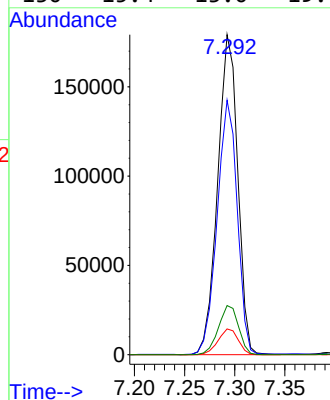
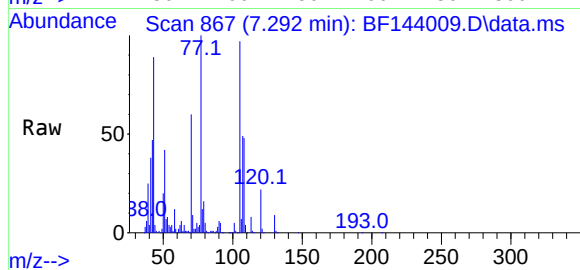
Ion Ratio Lower Upper

70 100

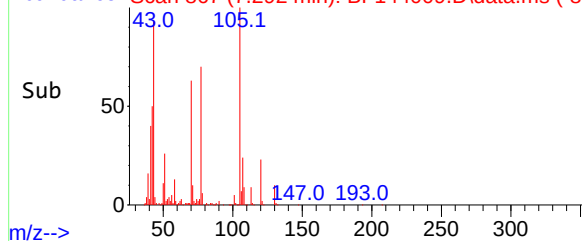
42 79.5 62.8 94.2

101 8.1 6.7 10.1

130 15.4 13.0 19.4



Abundance Scan 867 (7.292 min): BF144009.D\data.ms (-82



Abundance Scan 865 (7.281 min): BF143879.D\data.ms (-85

#20

3+4-Methylphenols

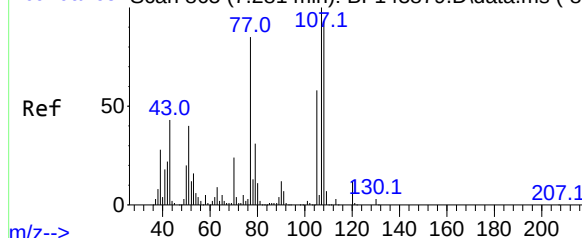
Concen: 39.91 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29



Tgt Ion: 107 Resp: 298653

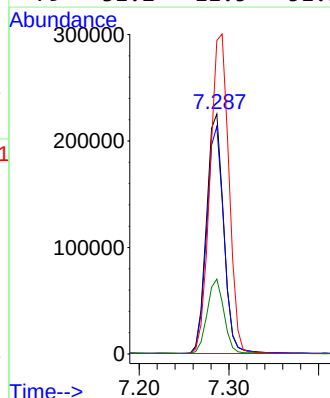
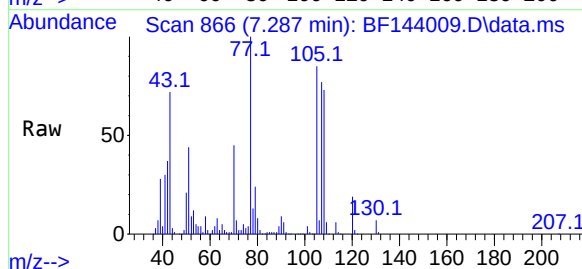
Ion Ratio Lower Upper

107 100

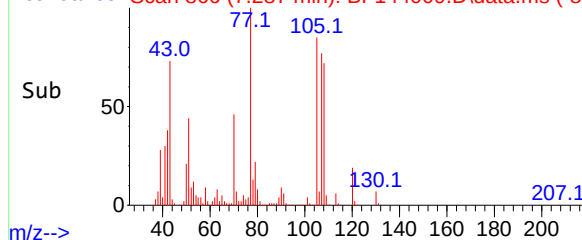
108 94.8 73.0 113.0

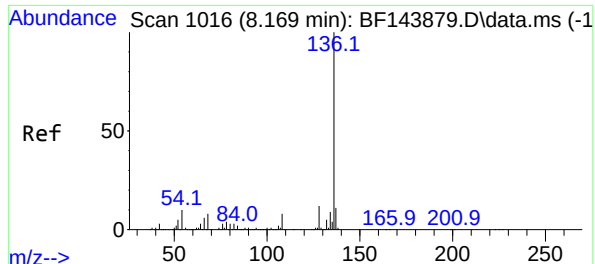
77 130.6 64.6 104.6#

79 31.2 11.5 51.5



Abundance Scan 866 (7.287 min): BF144009.D\data.ms (-81





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 483648

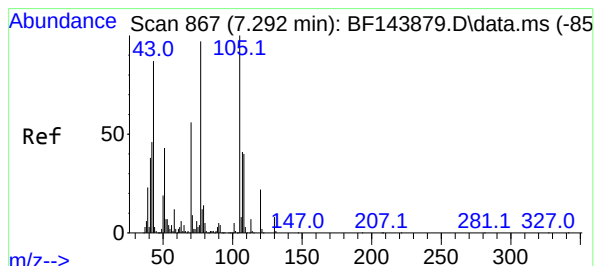
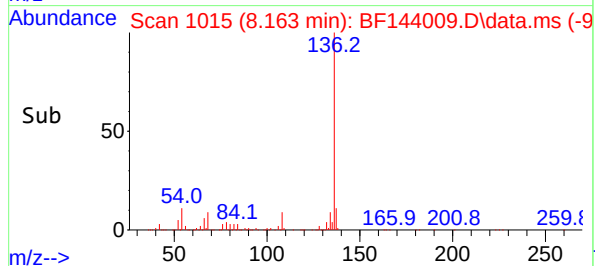
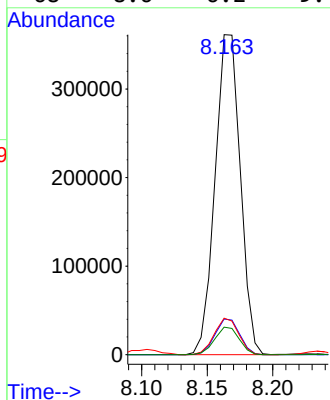
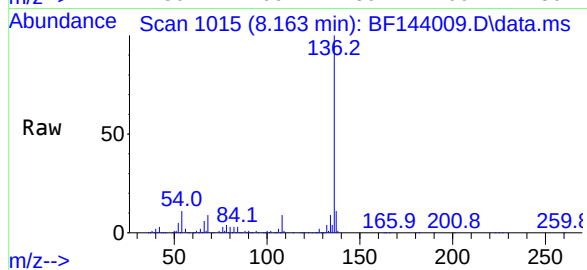
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.4 8.2 12.4

68 8.6 6.2 9.4



#22

Acetophenone

Concen: 38.65 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:105 Resp: 395279

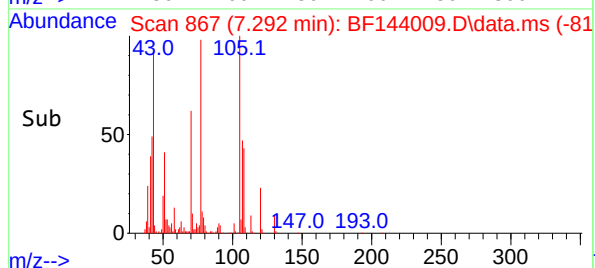
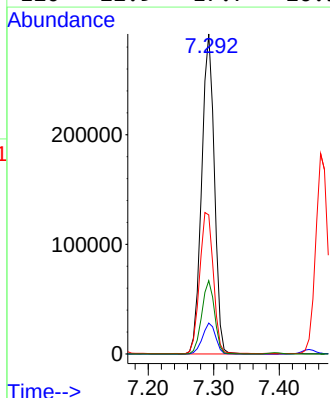
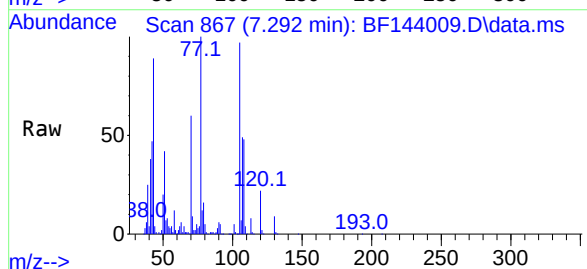
Ion Ratio Lower Upper

105 100

71 9.7 7.4 11.0

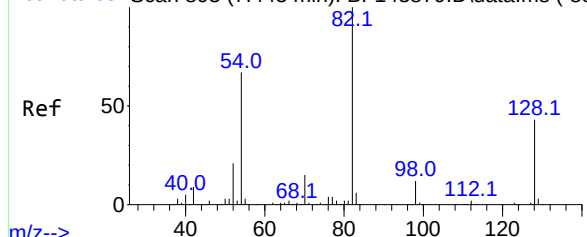
51 43.5 34.2 51.4

120 22.9 17.7 26.5



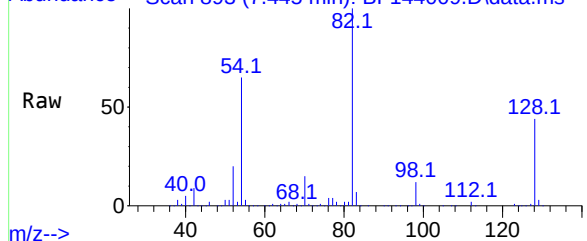


Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



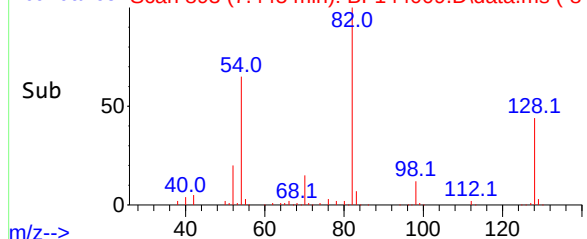
m/z--&gt;

Abundance Scan 893 (7.445 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 893 (7.445 min): BF144009.D\data.ms (-84



m/z--&gt;

#23

Nitrobenzene-d5

Concen: 82.88 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 659772

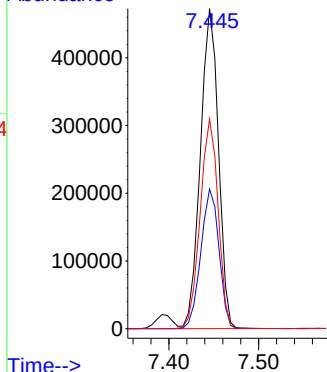
Ion Ratio Lower Upper

82 100

128 43.6 34.0 51.0

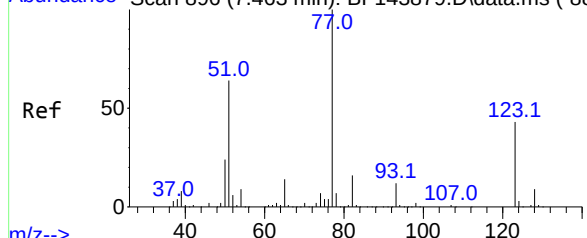
54 65.5 53.2 79.8

Abundance



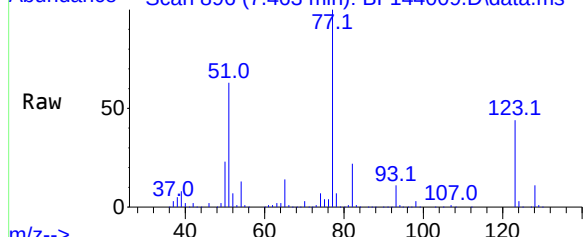
Time--&gt;

Abundance Scan 896 (7.463 min): BF143879.D\data.ms (-88



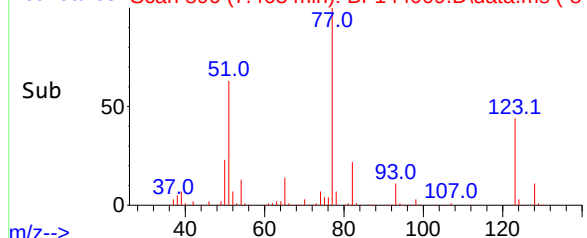
m/z--&gt;

Abundance Scan 896 (7.463 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 896 (7.463 min): BF144009.D\data.ms (-84



m/z--&gt;

#24

Nitrobenzene

Concen: 41.81 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 77 Resp: 369646

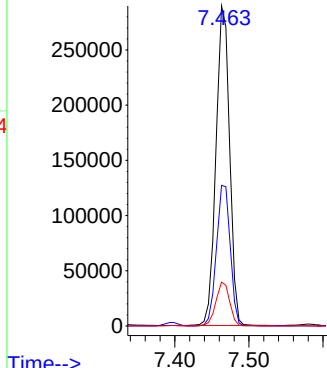
Ion Ratio Lower Upper

77 100

123 43.9 34.2 51.4

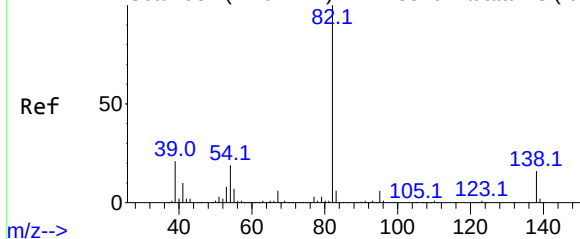
65 13.7 11.0 16.6

Abundance



Time--&gt;

Abundance Scan 937 (7.704 min): BF143879.D\data.ms (-93)



#25

Isophorone

Concen: 38.25 ng

RT: 7.704 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

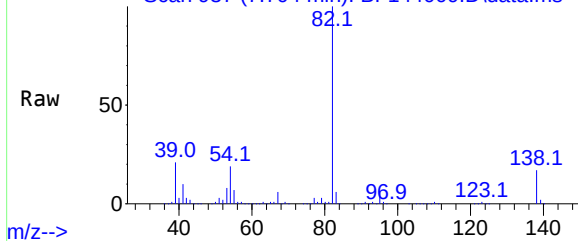
BNA\_F

ClientSampleId :

SSTDCCC040

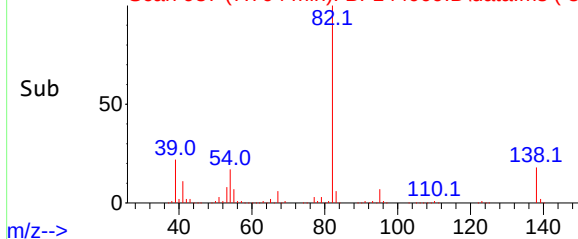
m/z--&gt;

Abundance Scan 937 (7.704 min): BF144009.D\data.ms



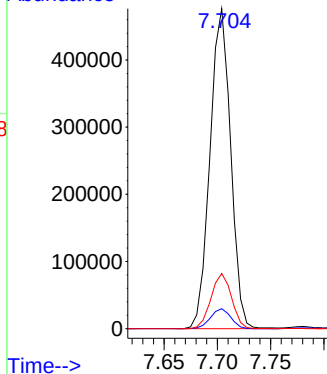
m/z--&gt;

Abundance Scan 937 (7.704 min): BF144009.D\data.ms (-88)

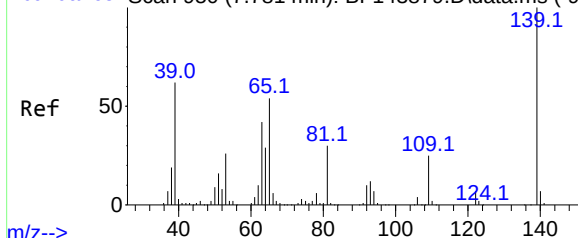


m/z--&gt;

Abundance

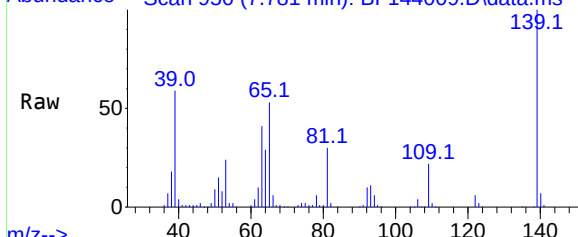


Abundance Scan 950 (7.781 min): BF143879.D\data.ms (-94)



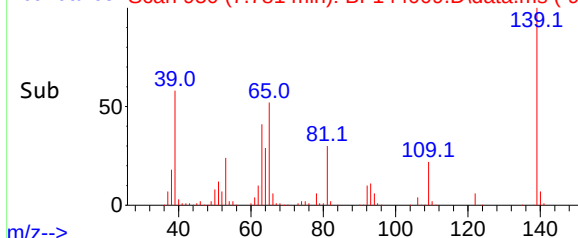
m/z--&gt;

Abundance Scan 950 (7.781 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 950 (7.781 min): BF144009.D\data.ms (-90)



m/z--&gt;

#26

2-Nitrophenol

Concen: 46.34 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:139 Resp: 175637

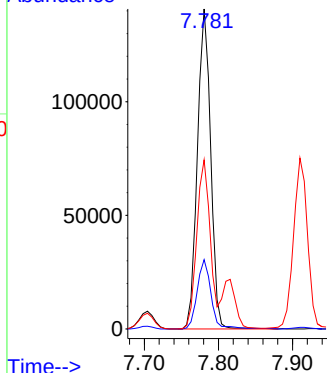
Ion Ratio Lower Upper

139 100

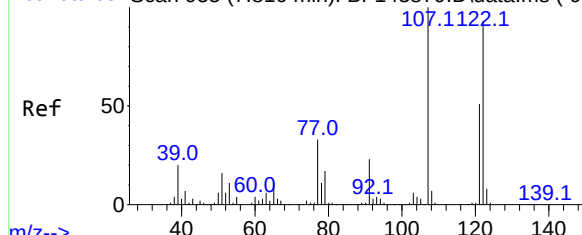
109 21.6 19.8 29.6

65 52.8 42.9 64.3

Abundance



Abundance Scan 955 (7.810 min): BF143879.D\data.ms (-94



#27

2,4-Dimethylphenol

Concen: 41.19 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

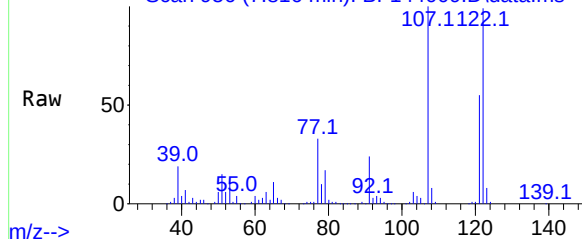
BNA\_F

ClientSampleId :

SSTDCCC040

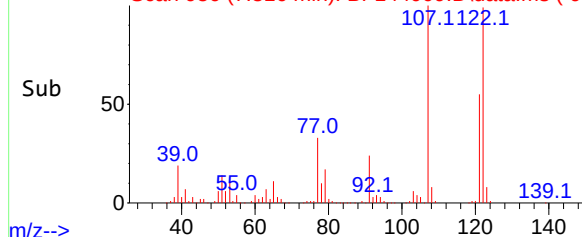
m/z--&gt;

Abundance Scan 956 (7.816 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 956 (7.816 min): BF144009.D\data.ms (-90



m/z--&gt;

Tgt Ion:122 Resp: 280851

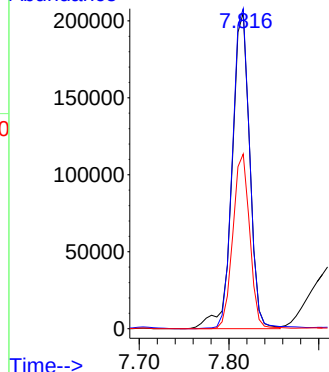
Ion Ratio Lower Upper

122 100

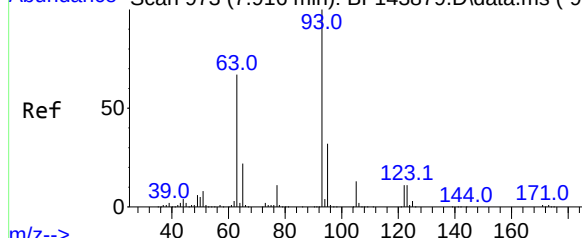
107 101.4 86.1 129.1

121 55.3 43.8 65.6

Abundance

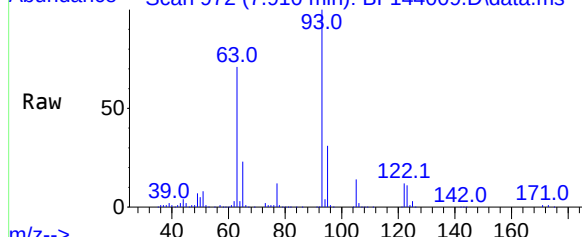


Abundance Scan 973 (7.916 min): BF143879.D\data.ms (-96



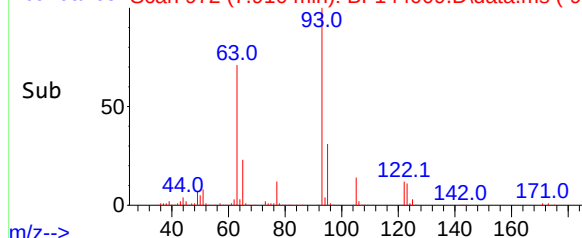
m/z--&gt;

Abundance Scan 972 (7.910 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 972 (7.910 min): BF144009.D\data.ms (-92



m/z--&gt;

#28

bis(2-Chloroethoxy)methane

Concen: 39.53 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion: 93 Resp: 419161

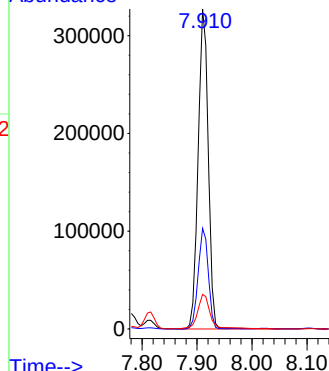
Ion Ratio Lower Upper

93 100

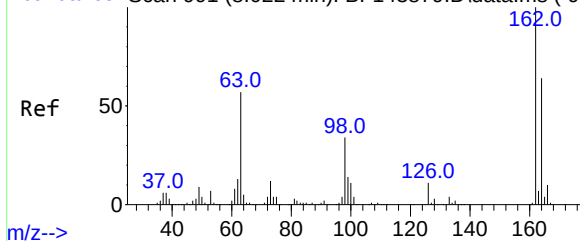
95 31.5 25.9 38.9

123 10.8 9.4 14.0

Abundance



Abundance Scan 991 (8.022 min): BF143879.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 40.12 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

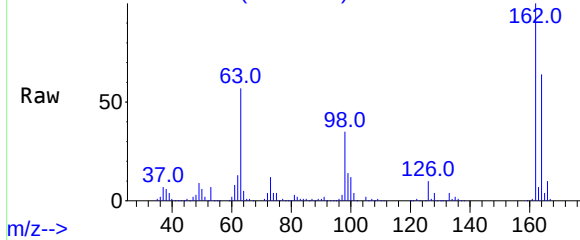
BNA\_F

ClientSampleId :

SSTDCCC040

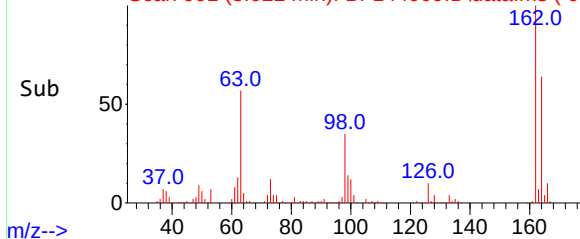
m/z--&gt;

Abundance Scan 991 (8.022 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 991 (8.022 min): BF144009.D\data.ms (-94



m/z--&gt;

Tgt Ion:162 Resp: 284947

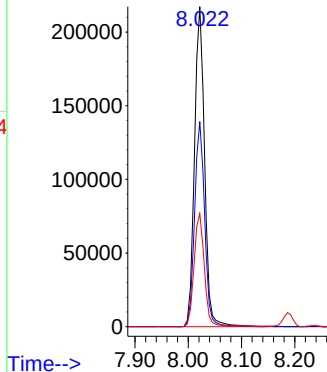
Ion Ratio Lower Upper

162 100

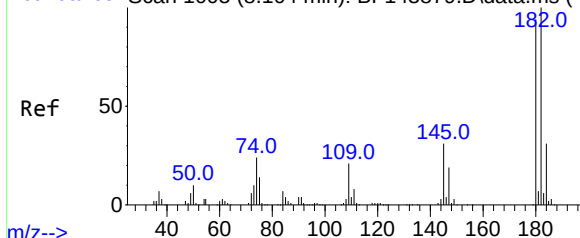
164 64.1 43.9 83.9

98 35.3 14.4 54.4

Abundance

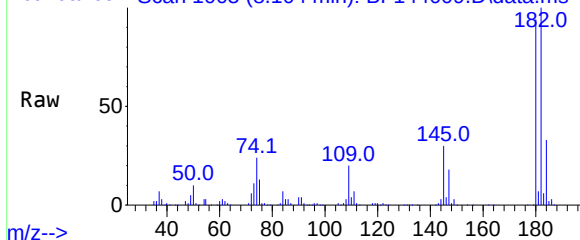


Abundance Scan 1005 (8.104 min): BF143879.D\data.ms (-9



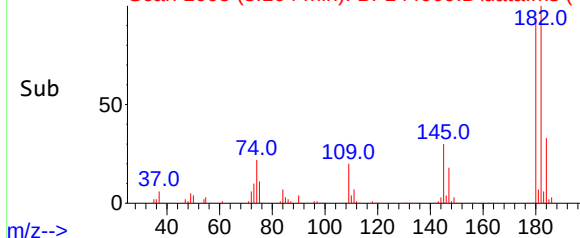
m/z--&gt;

Abundance Scan 1005 (8.104 min): BF144009.D\data.ms



m/z--&gt;

Abundance Scan 1005 (8.104 min): BF144009.D\data.ms (-9



m/z--&gt;

#30

1,2,4-Trichlorobenzene

Concen: 39.93 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:180 Resp: 278910

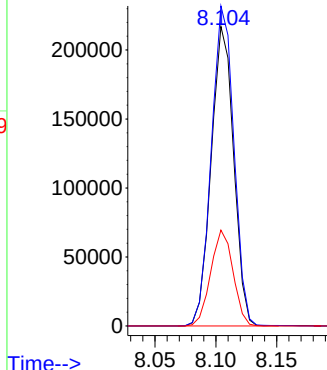
Ion Ratio Lower Upper

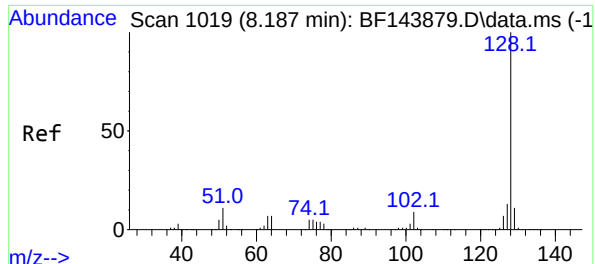
180 100

182 106.8 85.4 128.0

145 32.0 26.3 39.5

Abundance





#31

Naphthalene

Concen: 39.67 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

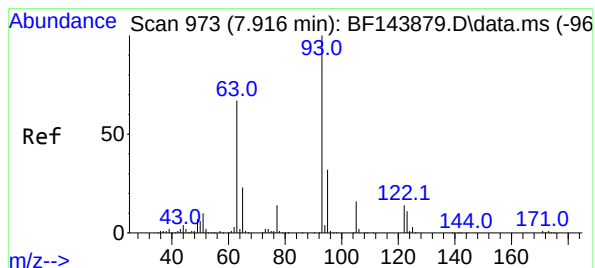
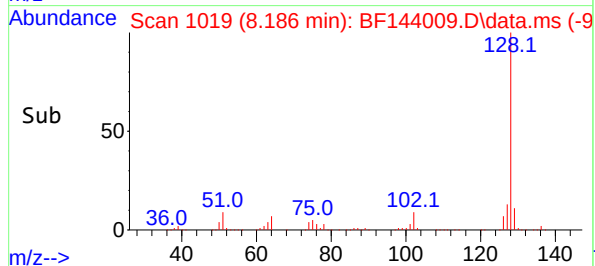
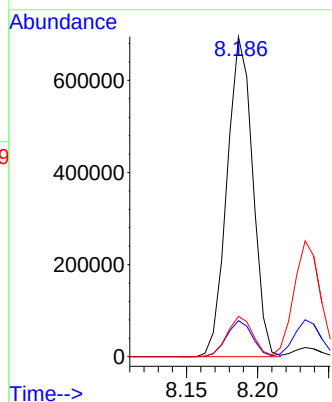
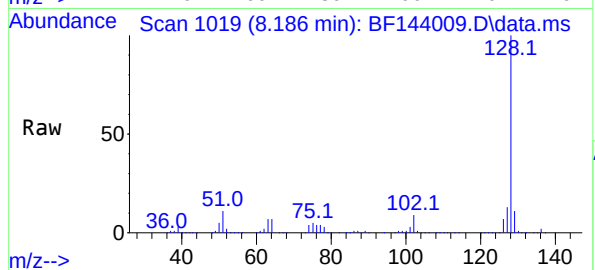
Tgt Ion:128 Resp: 872696

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 12.6 10.0 15.0



#32

Benzoic acid

Concen: 37.57 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

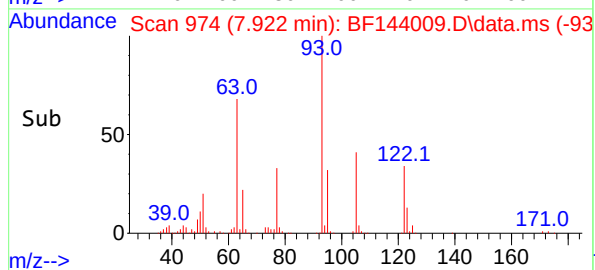
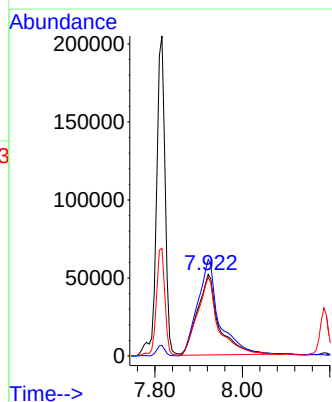
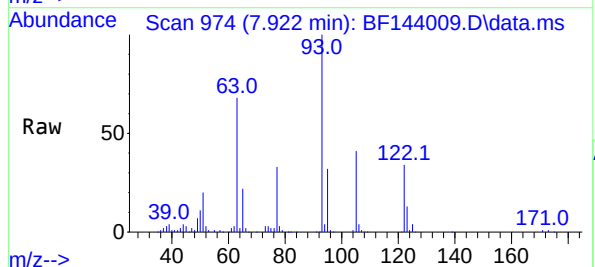
Tgt Ion:122 Resp: 177272

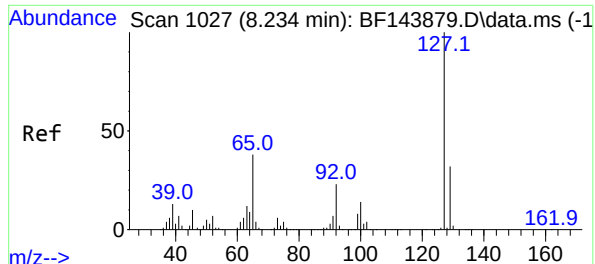
Ion Ratio Lower Upper

122 100

105 118.3 93.5 133.5

77 96.6 76.3 116.3





#33

4-Chloroaniline

Concen: 39.99 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 329949

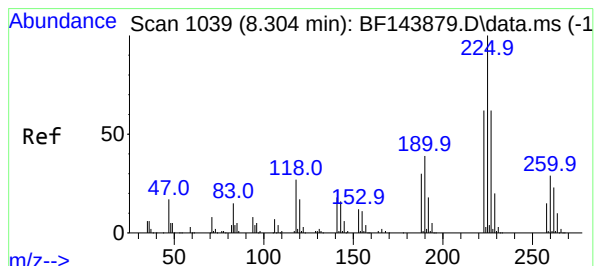
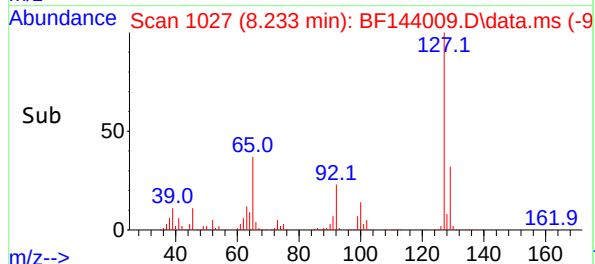
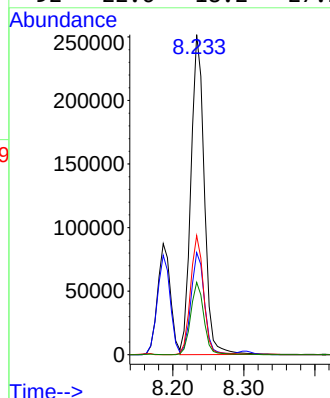
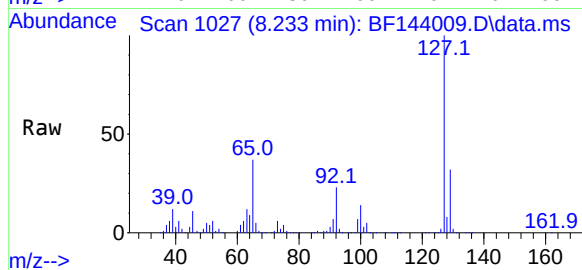
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 37.2 30.0 45.0

92 22.6 18.2 27.2



#34

Hexachlorobutadiene

Concen: 39.35 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

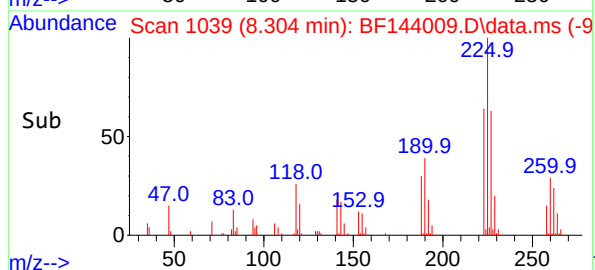
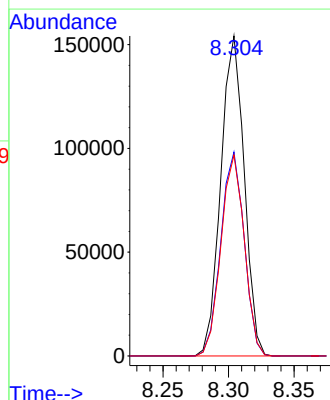
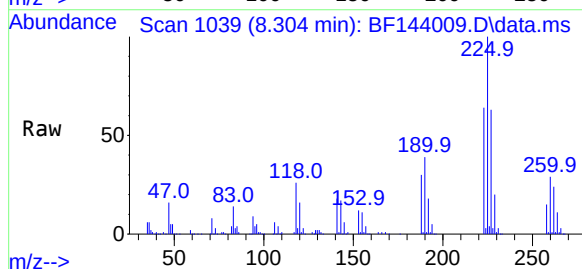
Tgt Ion:225 Resp: 190984

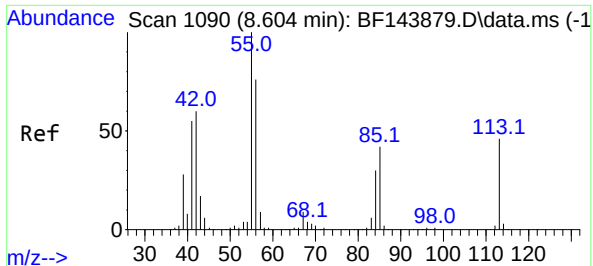
Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.2

227 62.7 49.7 74.5

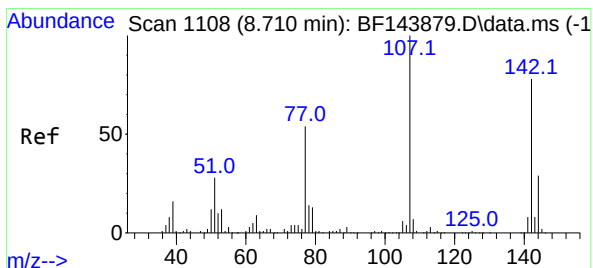
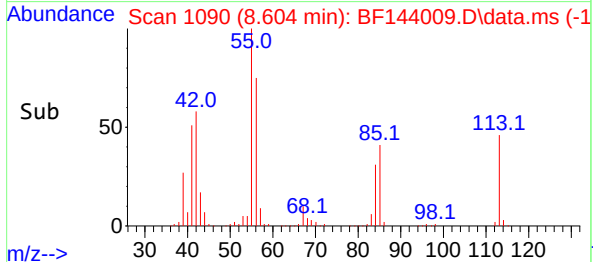
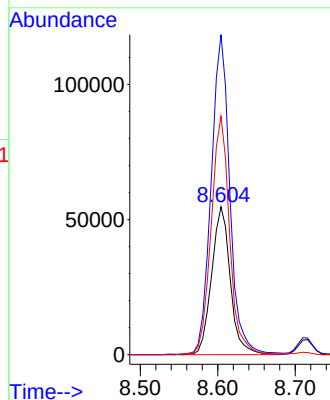
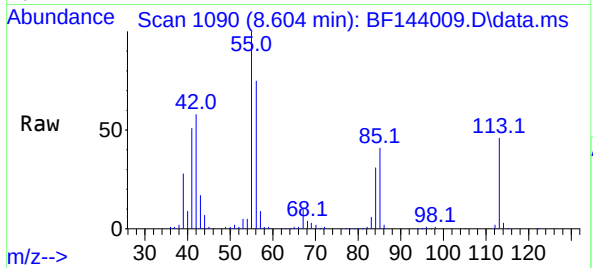




#35  
Caprolactam  
Concen: 40.57 ng  
RT: 8.604 min Scan# 1090  
Delta R.T. -0.041 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

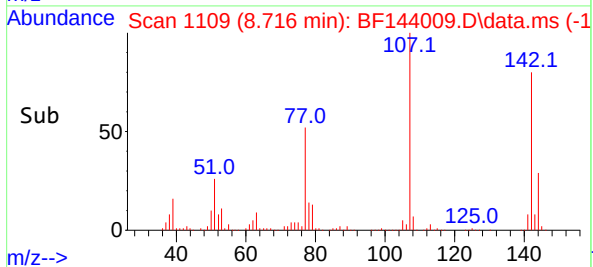
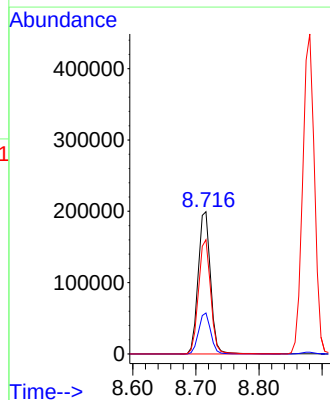
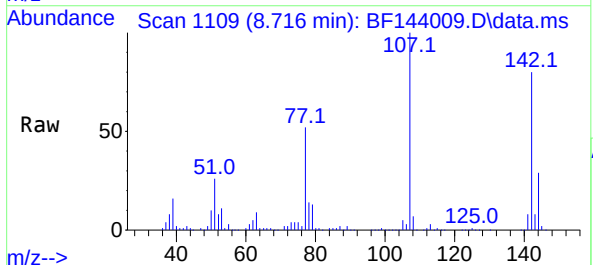
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

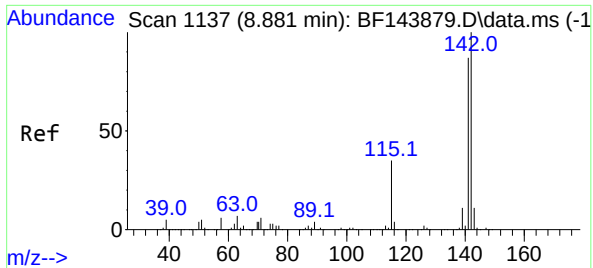
Tgt Ion:113 Resp: 91608  
Ion Ratio Lower Upper  
113 100  
55 216.4 199.6 239.6  
56 161.3 146.0 186.0



#36  
4-Chloro-3-methylphenol  
Concen: 39.78 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:107 Resp: 271348  
Ion Ratio Lower Upper  
107 100  
144 28.8 23.1 34.7  
142 80.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 39.55 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

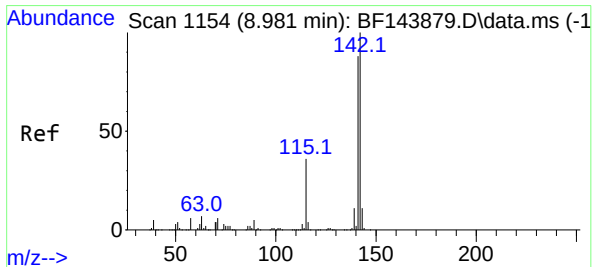
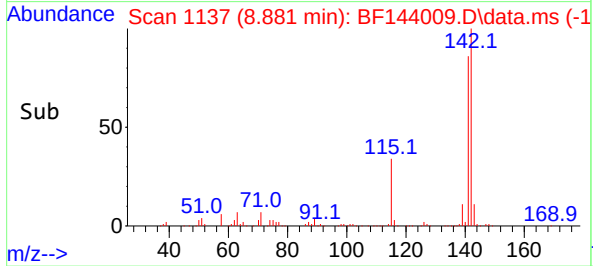
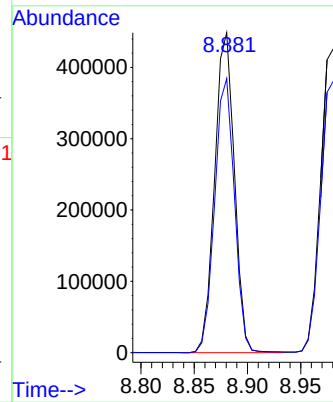
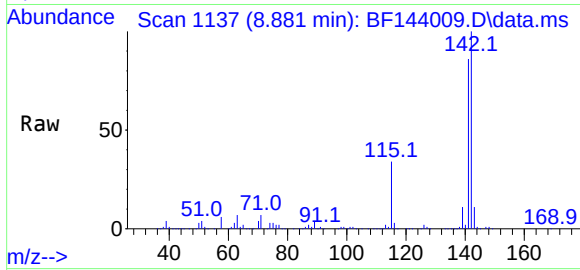
SSTDCCC040

Tgt Ion:142 Resp: 579595

Ion Ratio Lower Upper

142 100

141 85.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 39.00 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF144009.D

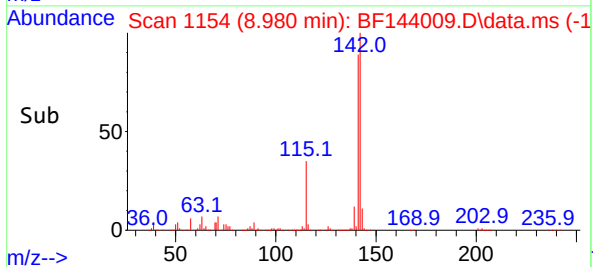
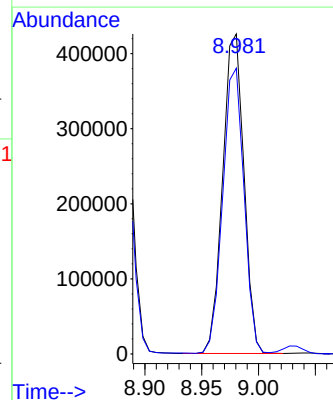
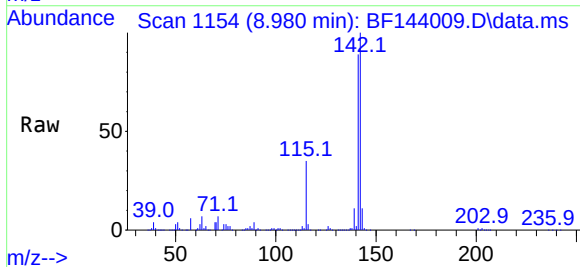
Acq: 21 Oct 2025 13:29

Tgt Ion:142 Resp: 554429

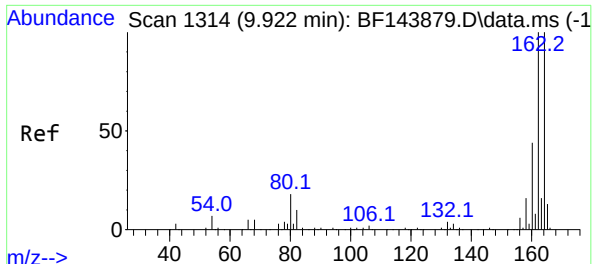
Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2







#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

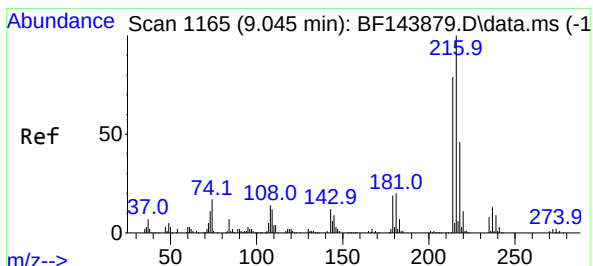
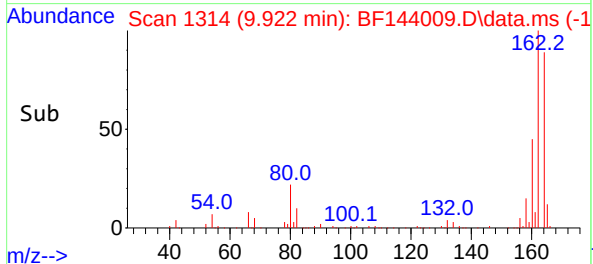
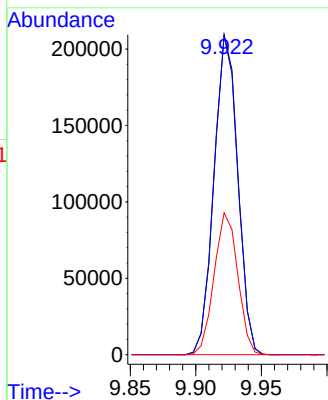
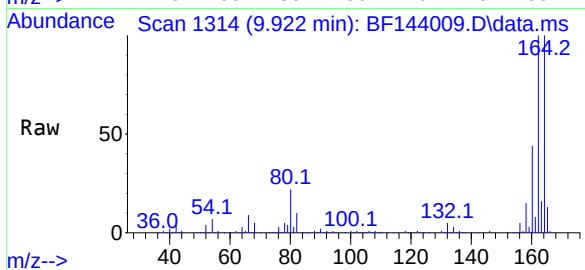
Tgt Ion:164 Resp: 263342

Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.2

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.44 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:216 Resp: 294341

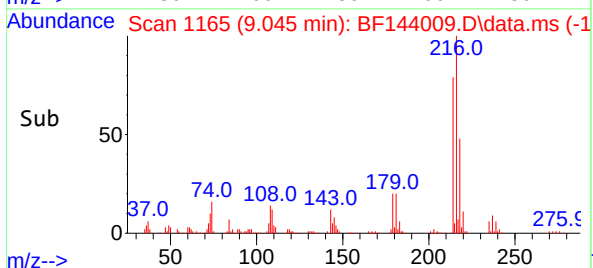
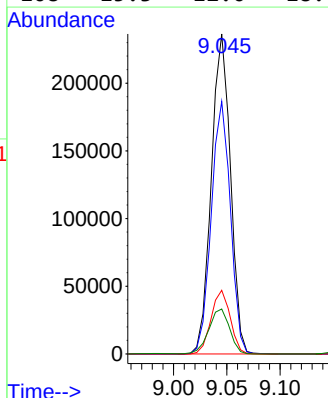
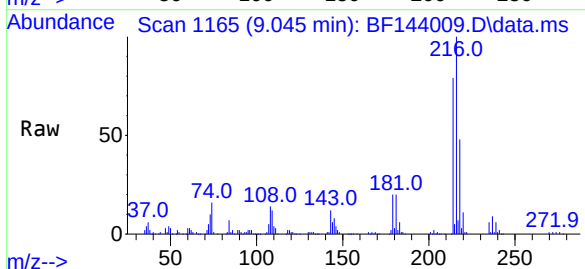
Ion Ratio Lower Upper

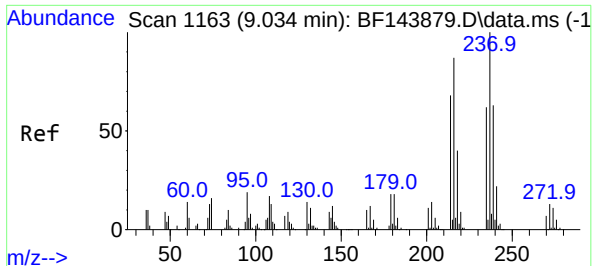
216 100

214 79.0 62.6 94.0

179 19.9 15.4 23.0

108 15.3 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 38.99 ng

RT: 9.033 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

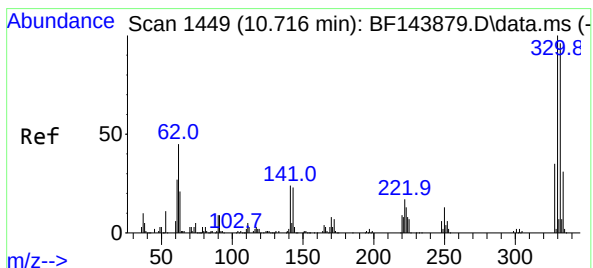
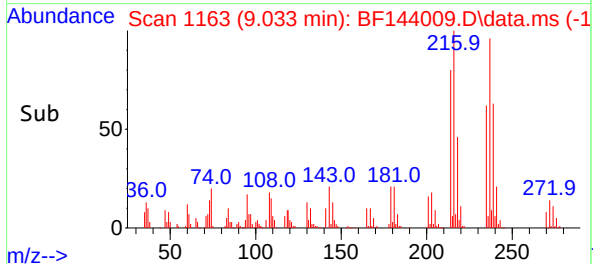
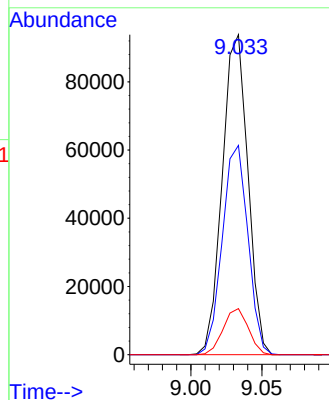
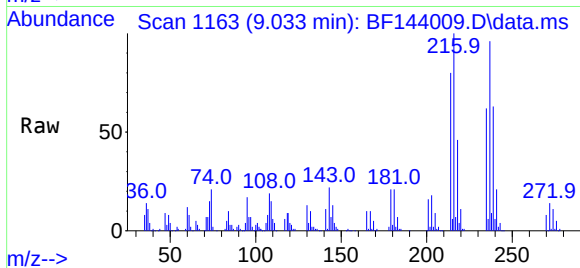
Tgt Ion:237 Resp: 117733

Ion Ratio Lower Upper

237 100

235 65.4 42.3 82.3

272 14.4 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 76.64 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

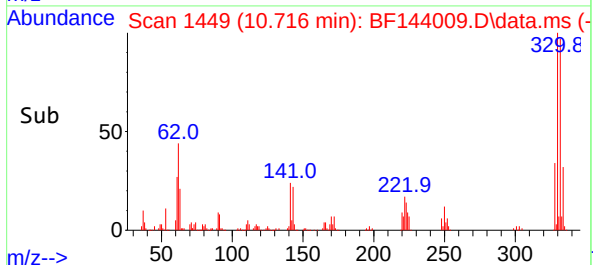
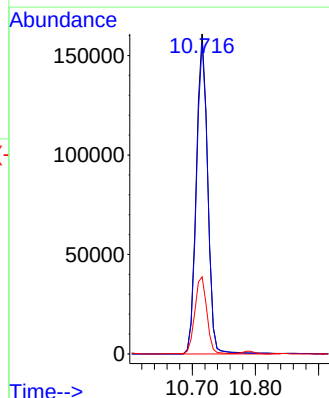
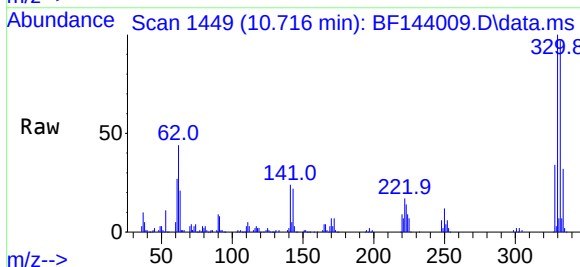
Tgt Ion:330 Resp: 201018

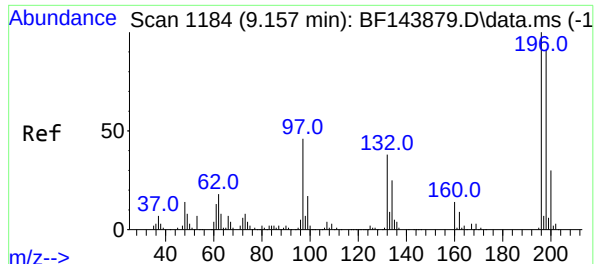
Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 25.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 39.06 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

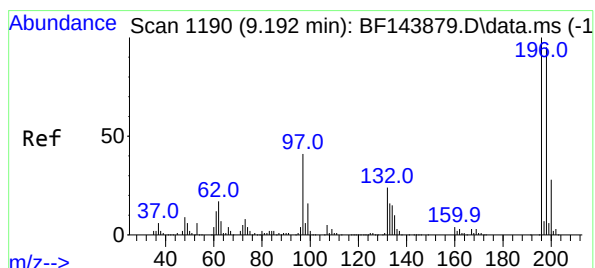
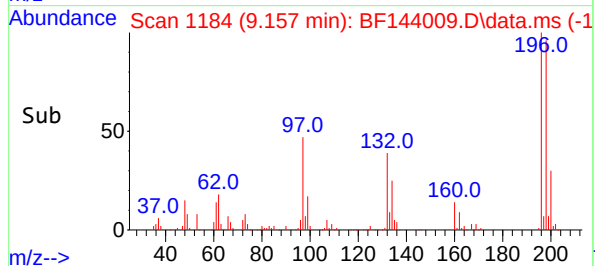
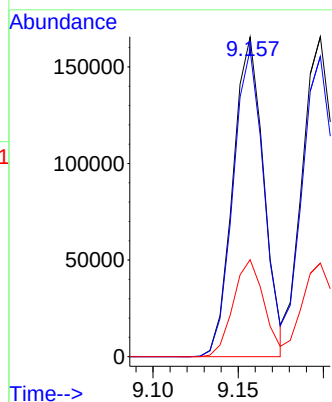
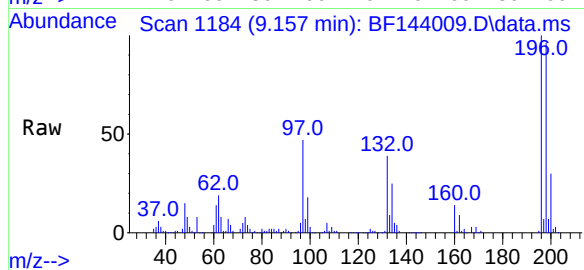
Tgt Ion:196 Resp: 207739

Ion Ratio Lower Upper

196 100

198 96.1 72.8 109.2

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 40.50 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:196 Resp: 227628

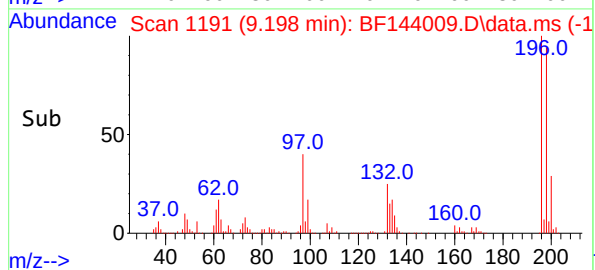
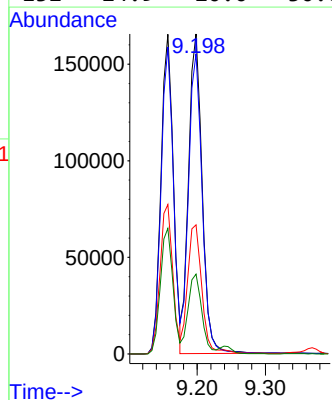
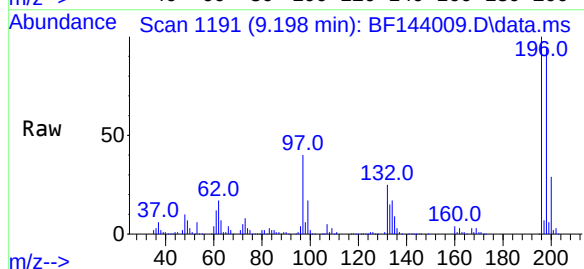
Ion Ratio Lower Upper

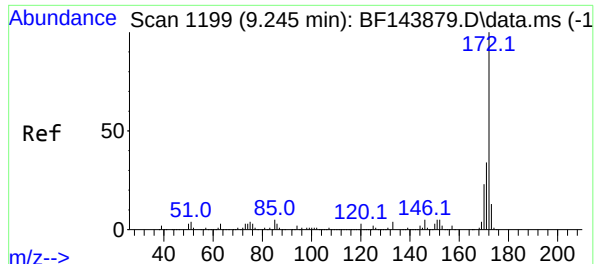
196 100

198 93.9 75.5 113.3

97 40.4 33.9 50.9

132 24.9 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 74.52 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

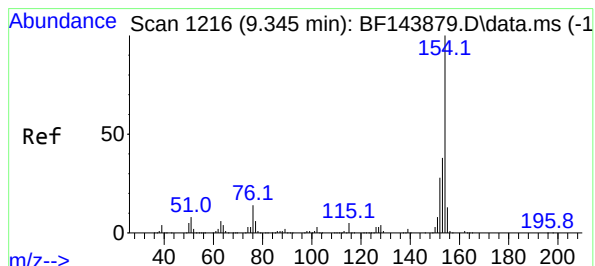
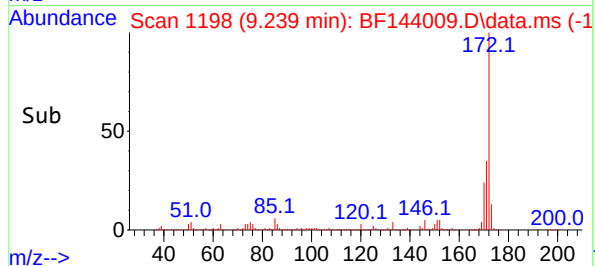
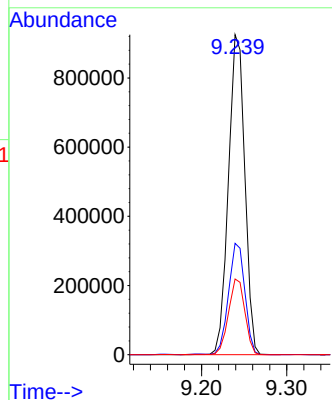
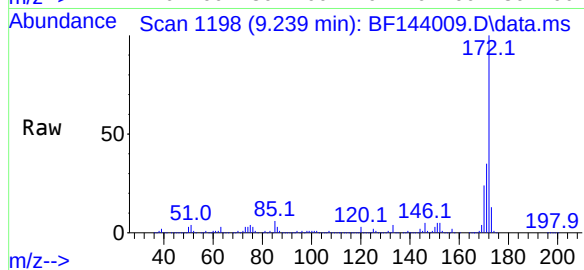
Tgt Ion:172 Resp: 1236786

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.75 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

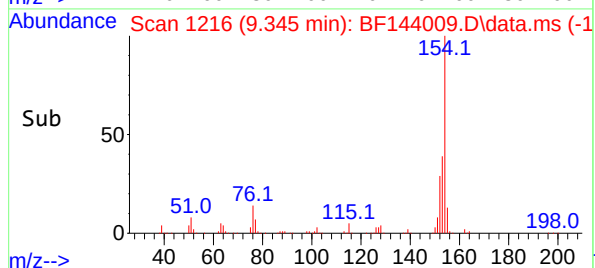
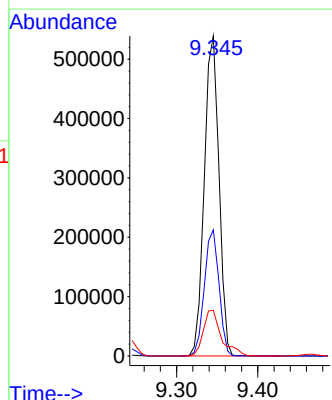
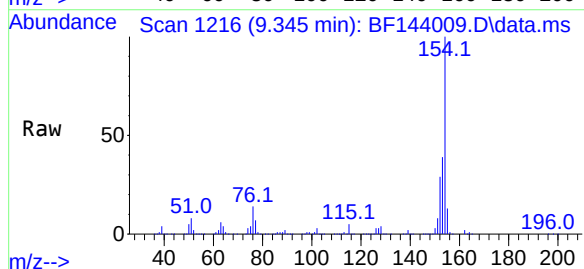
Tgt Ion:154 Resp: 675634

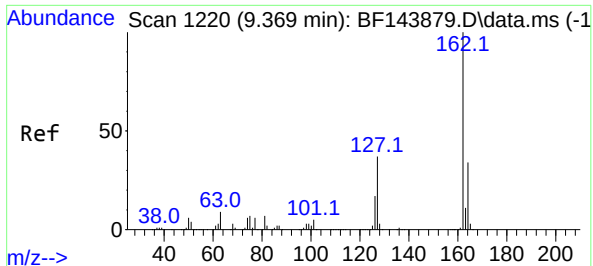
Ion Ratio Lower Upper

154 100

153 39.4 18.4 58.4

76 14.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.83 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

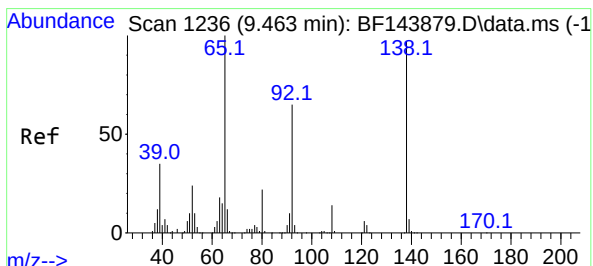
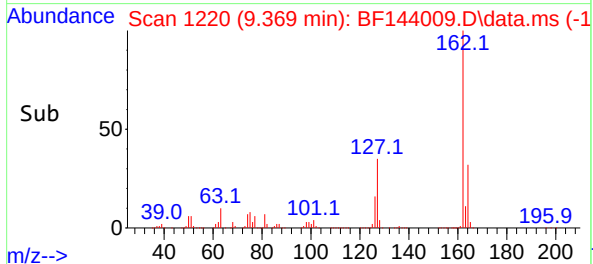
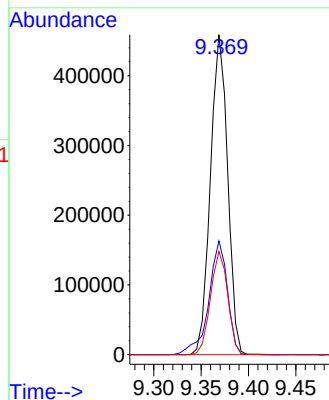
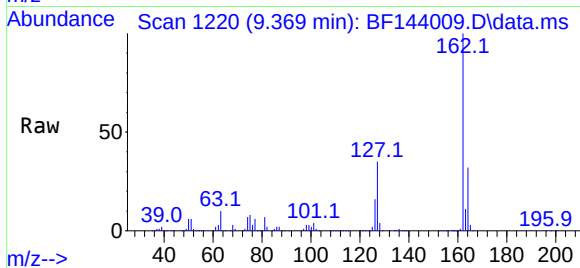
Tgt Ion:162 Resp: 579022

Ion Ratio Lower Upper

162 100

127 35.5 30.2 45.2

164 32.2 26.9 40.3



#48

2-Nitroaniline

Concen: 42.59 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

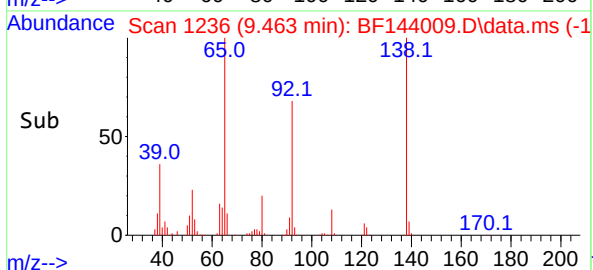
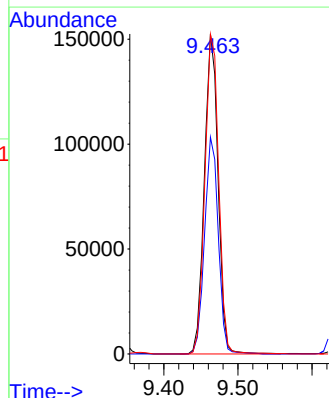
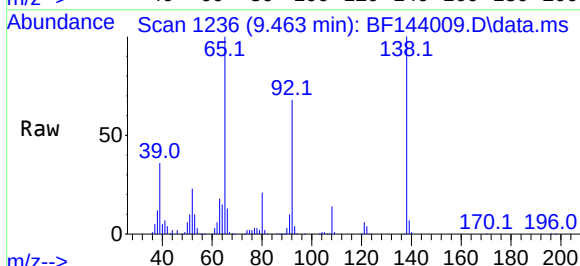
Tgt Ion: 65 Resp: 195755

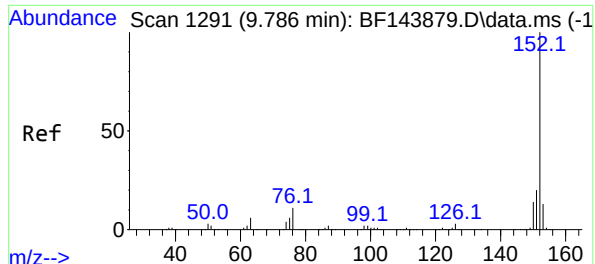
Ion Ratio Lower Upper

65 100

92 67.7 52.1 78.1

138 99.9 77.4 116.2





#49

Acenaphthylene

Concen: 39.46 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

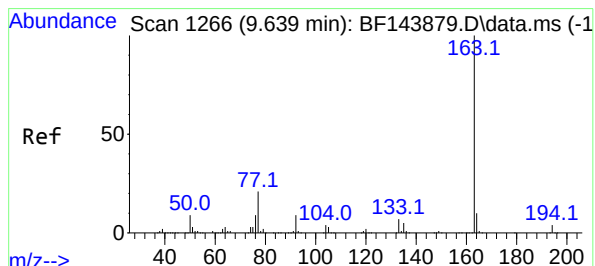
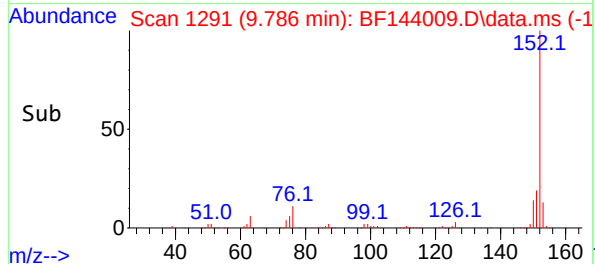
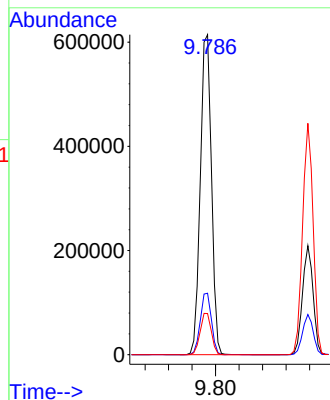
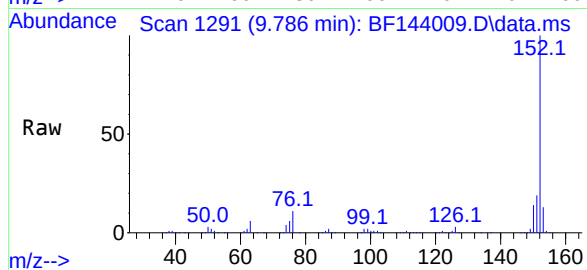
Tgt Ion:152 Resp: 806476

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 39.24 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

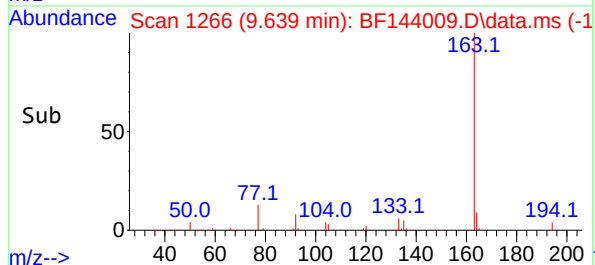
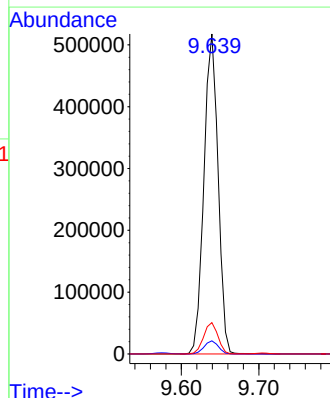
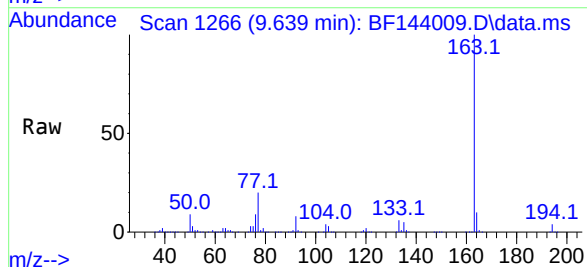
Tgt Ion:163 Resp: 656275

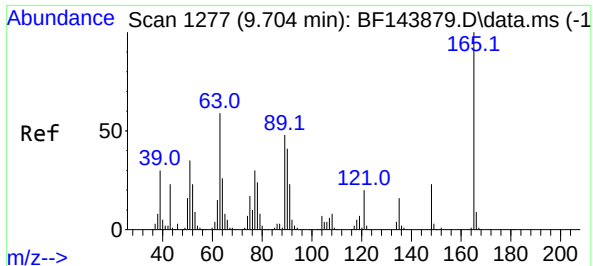
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.1 12.1

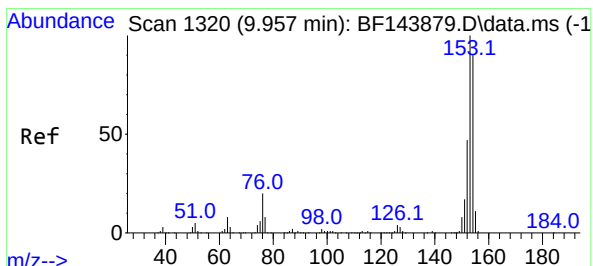
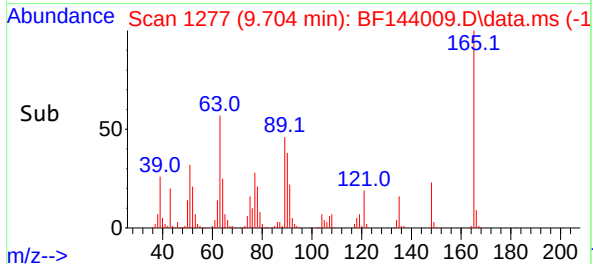
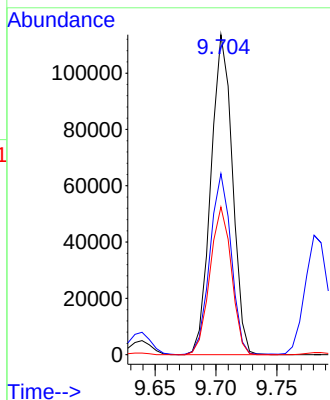
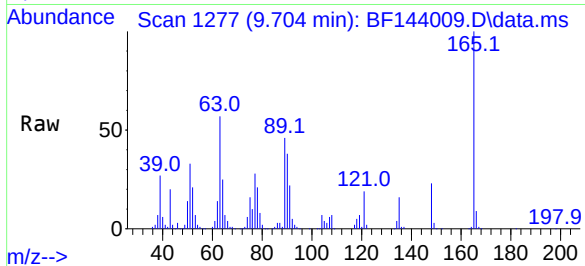




#51  
2,6-Dinitrotoluene  
Concen: 44.99 ng  
RT: 9.704 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

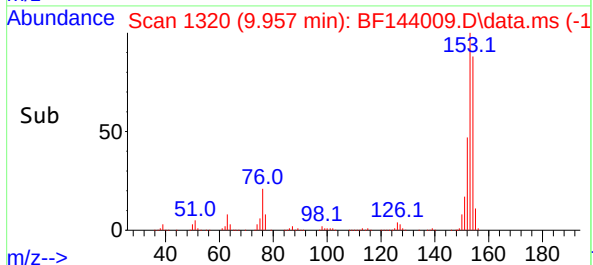
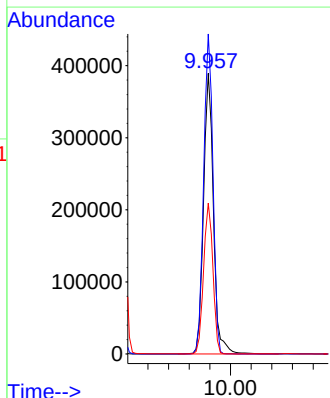
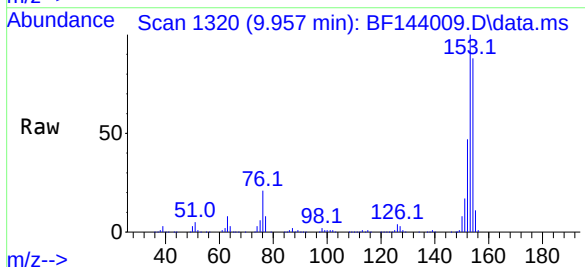
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

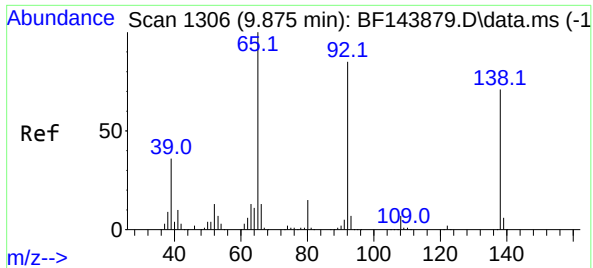
Tgt Ion:165 Resp: 139509  
Ion Ratio Lower Upper  
165 100  
63 56.6 47.3 70.9  
89 46.1 38.2 57.4



#52  
Acenaphthene  
Concen: 38.55 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:154 Resp: 516301  
Ion Ratio Lower Upper  
154 100  
153 114.0 89.3 133.9  
152 53.8 42.2 63.2

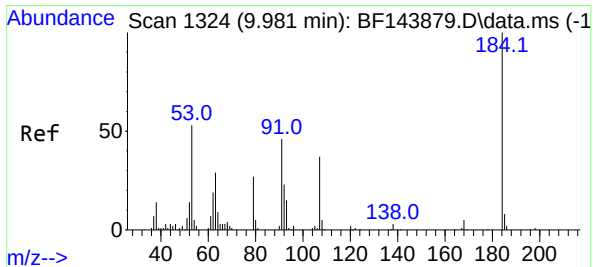
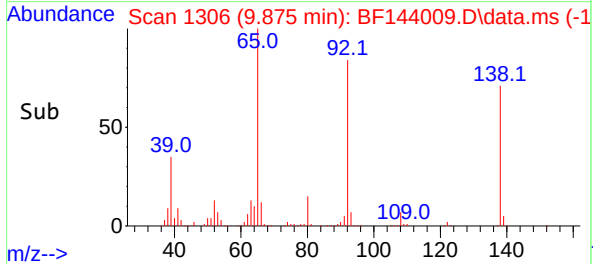
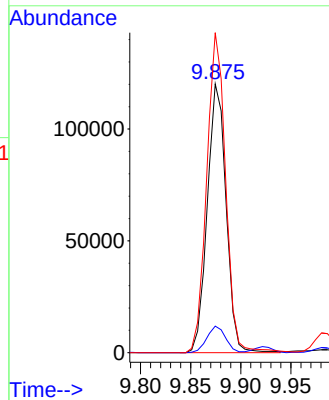
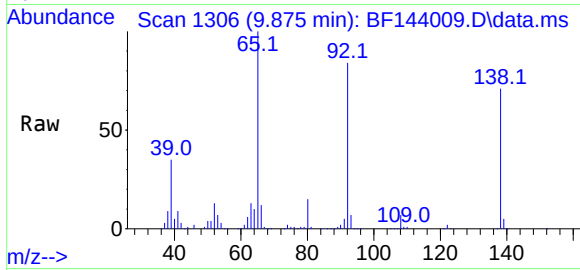




#53  
3-Nitroaniline  
Concen: 41.46 ng  
RT: 9.875 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

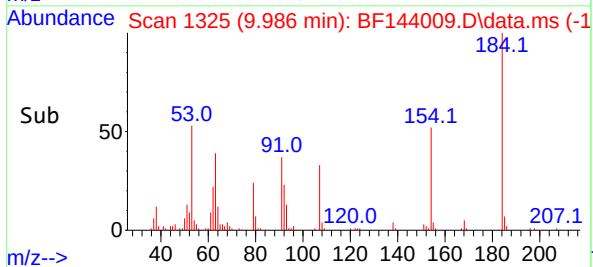
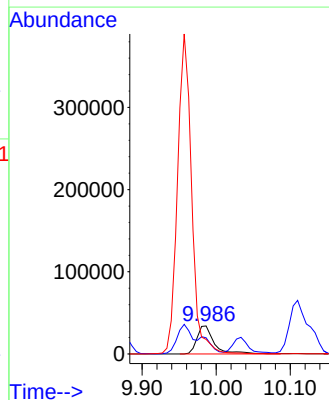
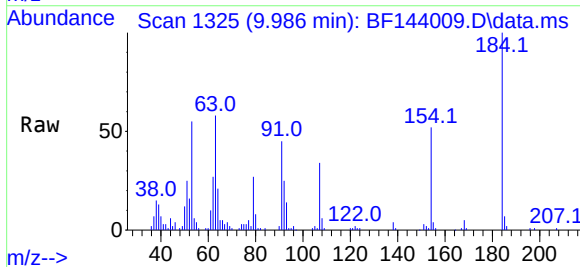
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:138 Resp: 157431  
Ion Ratio Lower Upper  
138 100  
108 9.9 8.3 12.5  
92 119.1 96.2 144.2

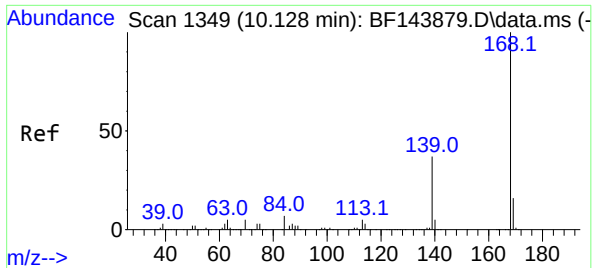


#54  
2,4-Dinitrophenol  
Concen: 33.42 ng  
RT: 9.986 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:184 Resp: 55464  
Ion Ratio Lower Upper  
184 100  
63 57.6 48.2 72.4  
154 52.2 49.2 73.8







#55

Dibenzenofuran

Concen: 39.36 ng

RT: 10.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

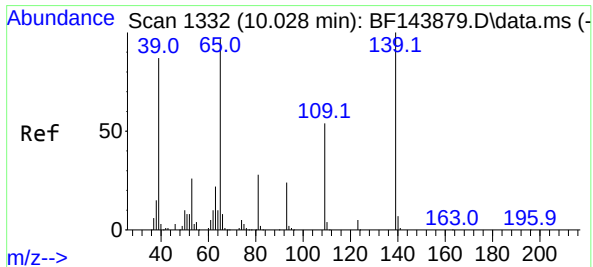
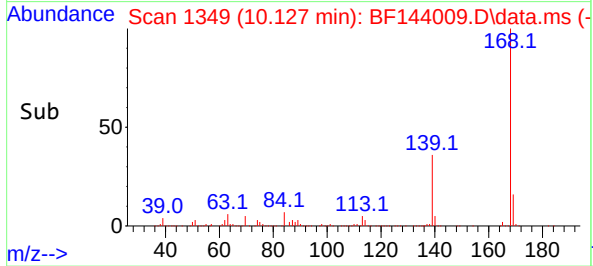
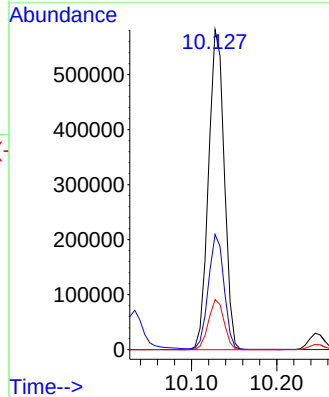
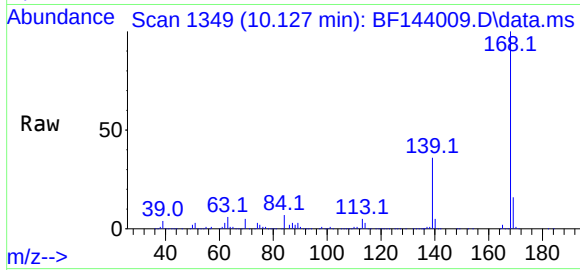
Tgt Ion:168 Resp: 744098

Ion Ratio Lower Upper

168 100

139 36.0 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 36.03 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

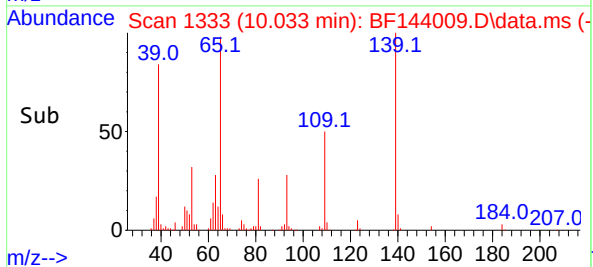
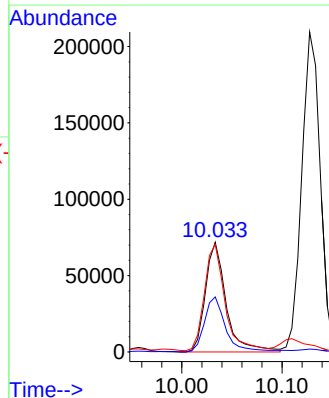
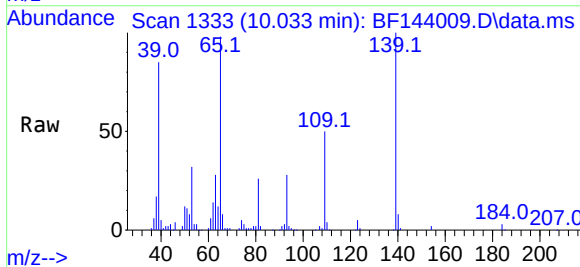
Tgt Ion:139 Resp: 103581

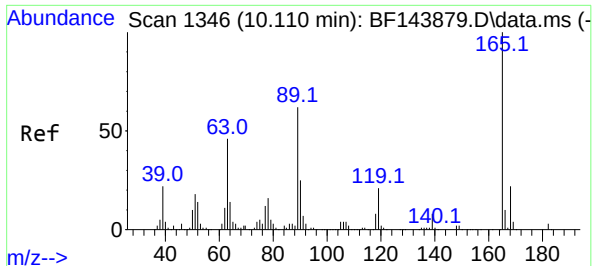
Ion Ratio Lower Upper

139 100

109 50.1 34.5 74.5

65 98.0 77.6 117.6

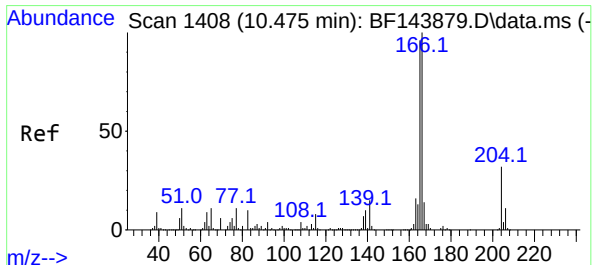
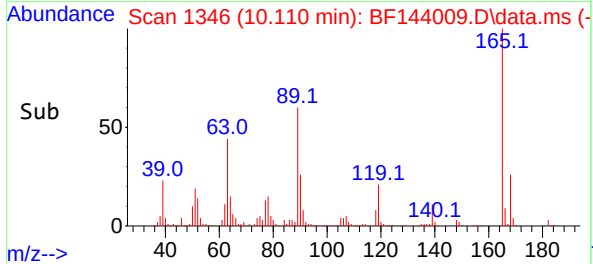
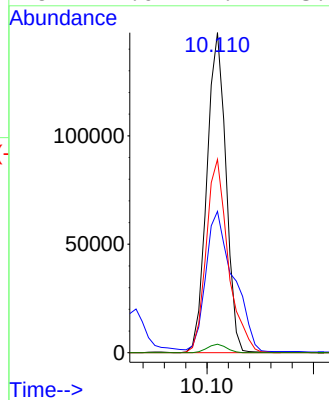
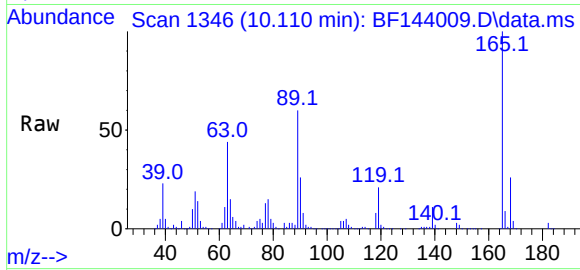




#57  
2,4-Dinitrotoluene  
Concen: 43.65 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

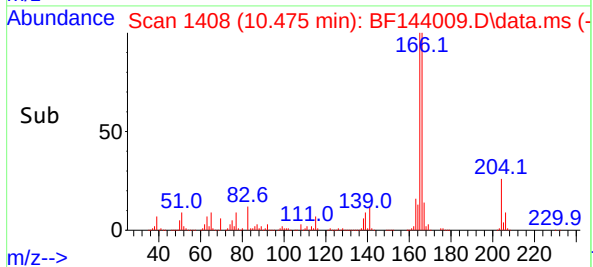
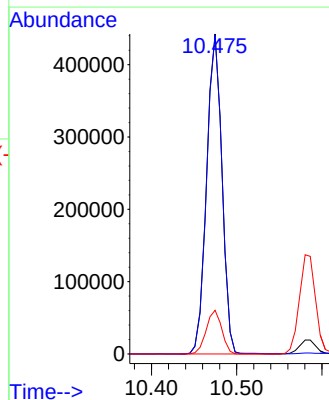
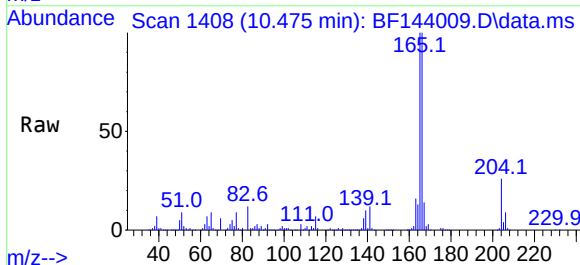
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

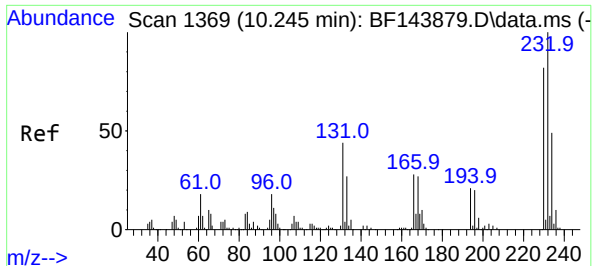
Tgt Ion:165 Resp: 184180  
Ion Ratio Lower Upper  
165 100  
63 44.2 37.2 55.8  
89 60.4 49.4 74.2  
182 2.6 2.1 3.1



#58  
Fluorene  
Concen: 38.86 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:166 Resp: 554334  
Ion Ratio Lower Upper  
166 100  
165 99.6 77.0 115.6  
167 13.6 11.1 16.7

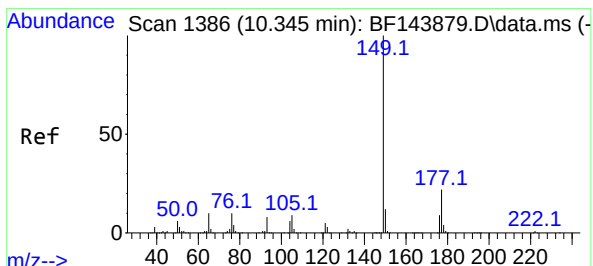
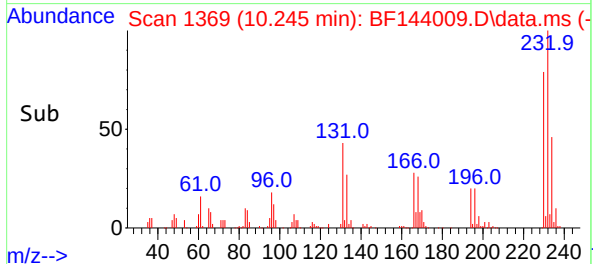
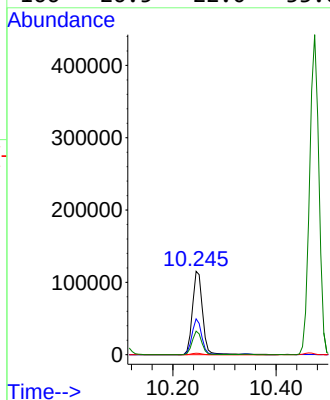
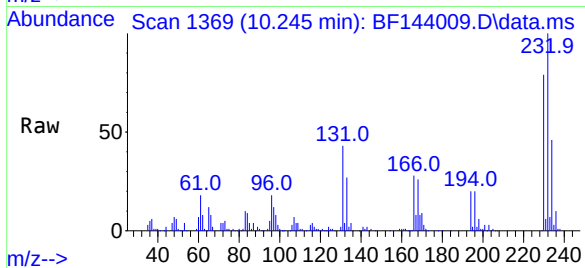




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.55 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

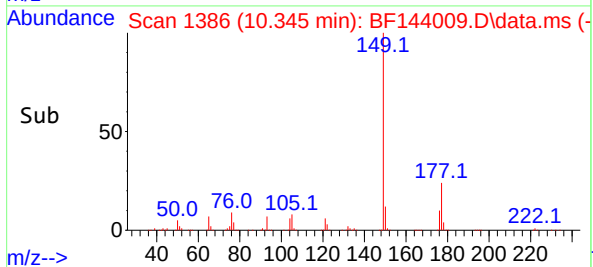
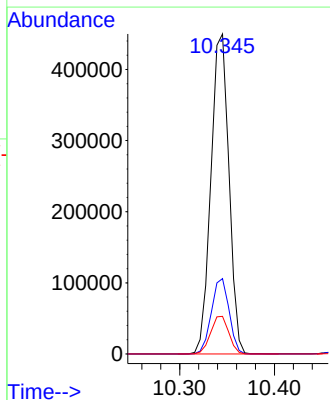
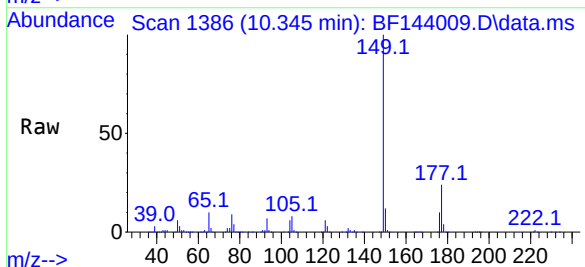
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:232 Resp: 157324  
Ion Ratio Lower Upper  
232 100  
131 41.1 34.9 52.3  
130 1.6 1.6 2.4#  
166 26.5 22.0 33.0

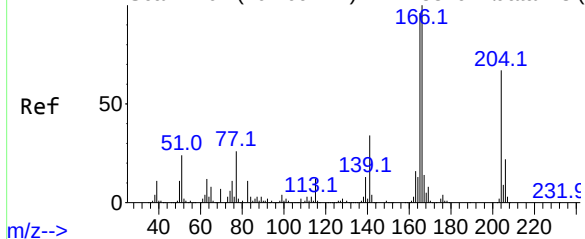


#60  
Diethylphthalate  
Concen: 38.20 ng  
RT: 10.345 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:149 Resp: 593454  
Ion Ratio Lower Upper  
149 100  
177 23.6 17.9 26.9  
150 11.7 9.8 14.8



Abundance Scan 1407 (10.469 min): BF143879.D\data.ms (-

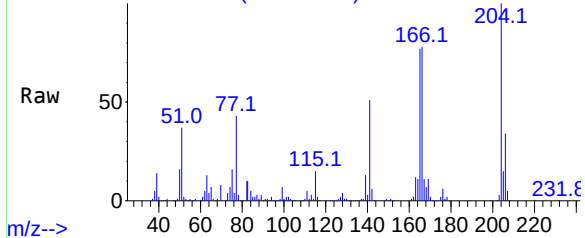


#61  
4-Chlorophenyl-phenylether  
Concen: 39.20 ng  
RT: 10.463 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

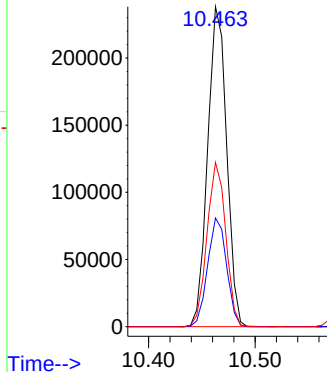
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 295638  
Ion Ratio Lower Upper  
204 100  
206 34.0 26.6 40.0  
141 51.3 40.4 60.6

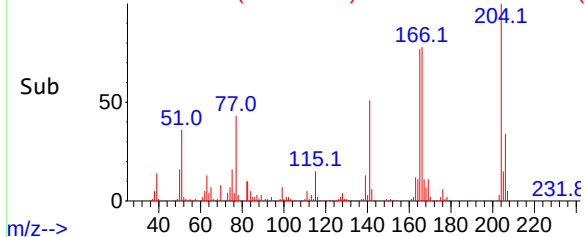
Abundance Scan 1406 (10.463 min): BF144009.D\data.ms (-



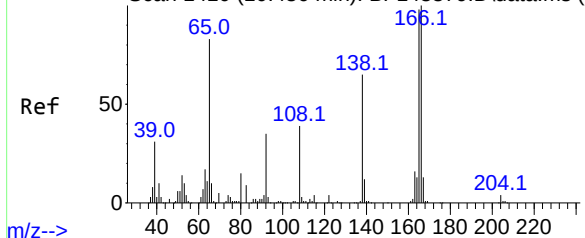
Abundance



Abundance Scan 1406 (10.463 min): BF144009.D\data.ms (-



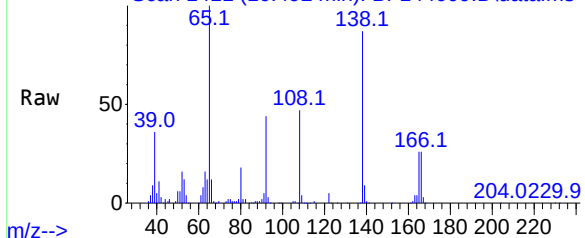
Abundance Scan 1410 (10.486 min): BF143879.D\data.ms (-



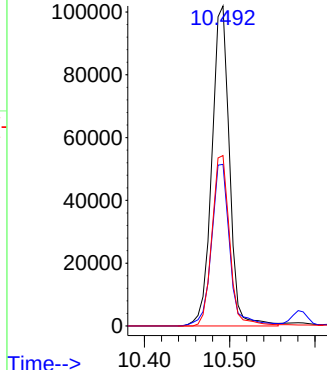
#62  
4-Nitroaniline  
Concen: 40.08 ng  
RT: 10.492 min Scan# 1411  
Delta R.T. -0.018 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:138 Resp: 146339  
Ion Ratio Lower Upper  
138 100  
92 50.5 33.9 73.9  
108 53.3 40.2 80.2

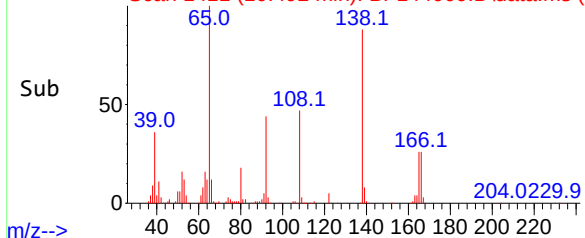
Abundance Scan 1411 (10.492 min): BF144009.D\data.ms (-



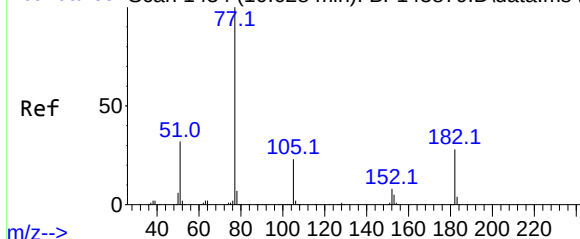
Abundance



Abundance Scan 1411 (10.492 min): BF144009.D\data.ms (-



Abundance Scan 1434 (10.628 min): BF143879.D\data.ms (-



#63

Azobenzene

Concen: 39.26 ng

RT: 10.627 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 637557

Ion Ratio Lower Upper

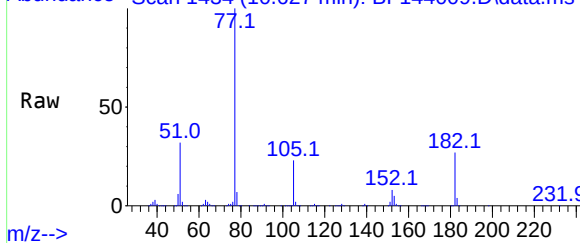
77 100

182 27.5 7.3 47.3

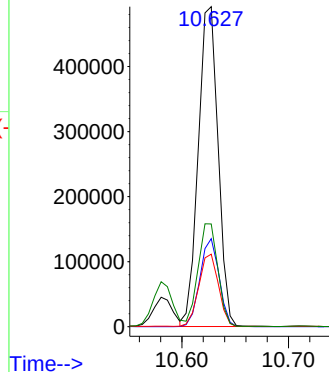
105 22.7 3.0 43.0

51 32.1 13.5 53.5

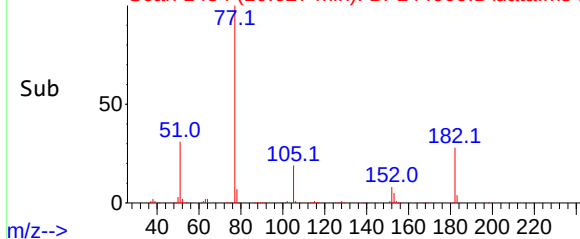
Abundance Scan 1434 (10.627 min): BF144009.D\data.ms



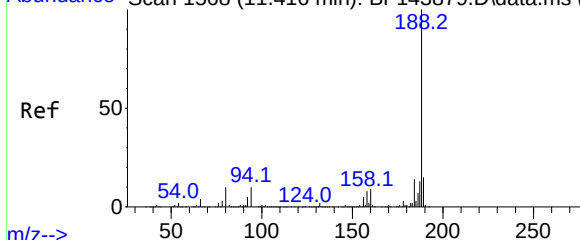
Abundance



Abundance Scan 1434 (10.627 min): BF144009.D\data.ms (-



Abundance Scan 1568 (11.416 min): BF143879.D\data.ms (-



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:188 Resp: 430811

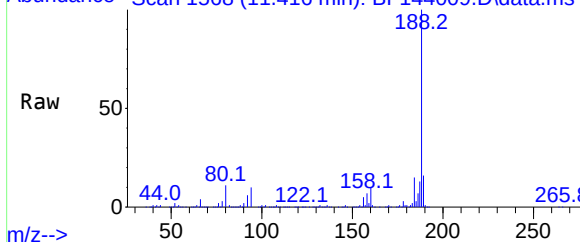
Ion Ratio Lower Upper

188 100

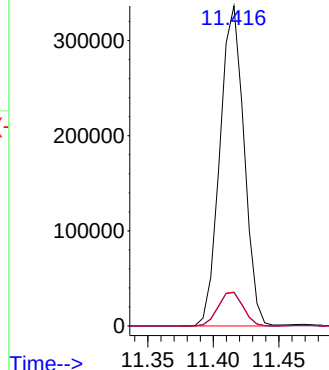
94 10.5 7.8 11.6

80 10.6 7.9 11.9

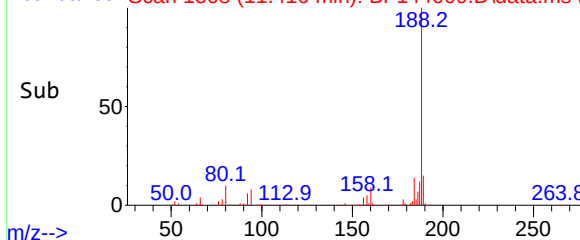
Abundance Scan 1568 (11.416 min): BF144009.D\data.ms

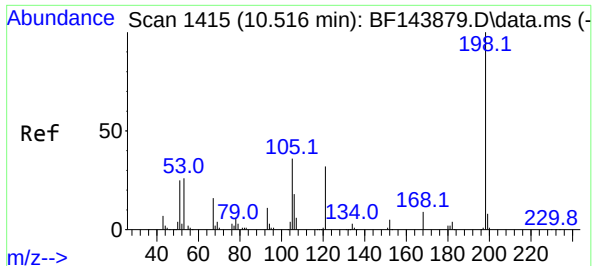


Abundance



Abundance Scan 1568 (11.416 min): BF144009.D\data.ms (-

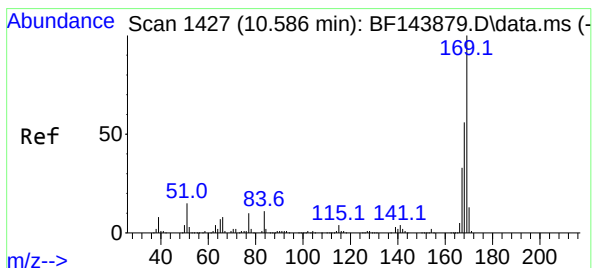
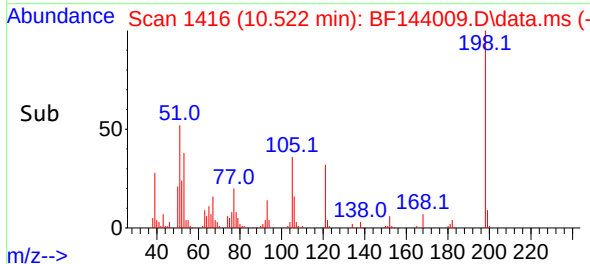
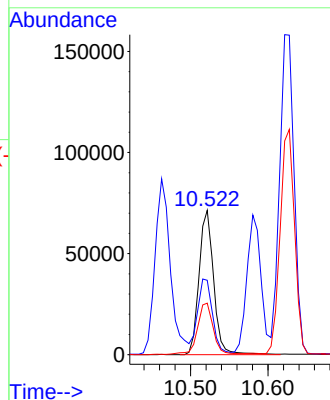
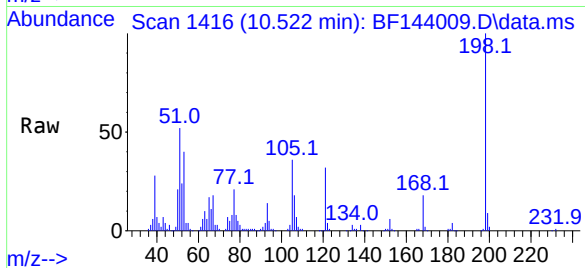




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.30 ng  
RT: 10.522 min Scan# 1415  
Delta R.T. -0.012 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

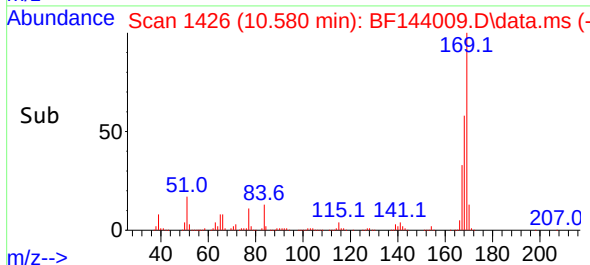
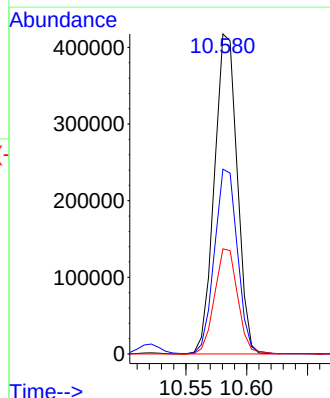
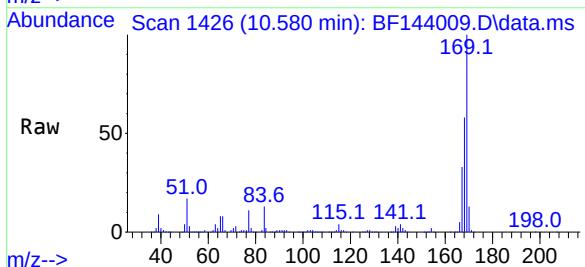
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

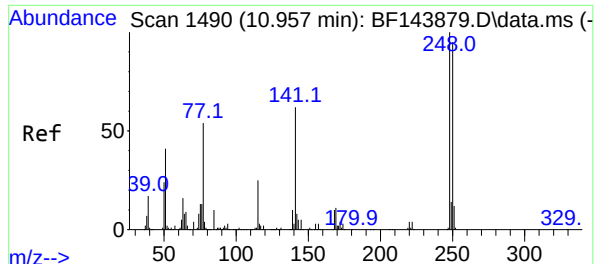
Tgt Ion:198 Resp: 93751  
Ion Ratio Lower Upper  
198 100  
51 51.6 33.8 73.8  
105 35.7 17.0 57.0



#66  
n-Nitrosodiphenylamine  
Concen: 40.25 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:169 Resp: 544516  
Ion Ratio Lower Upper  
169 100  
168 57.8 44.9 67.3  
167 32.9 26.3 39.5

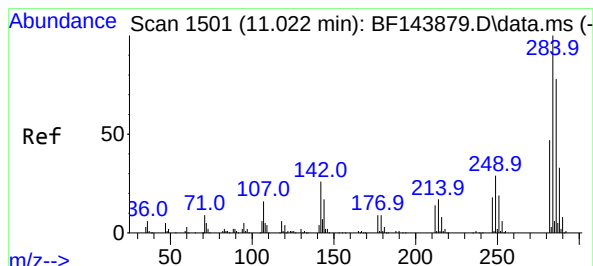
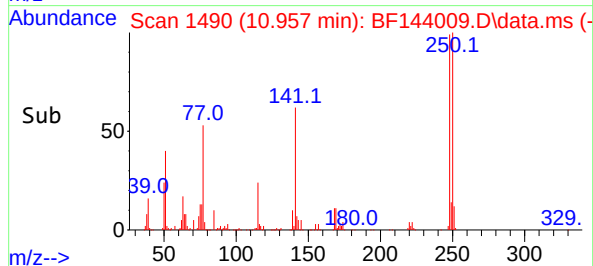
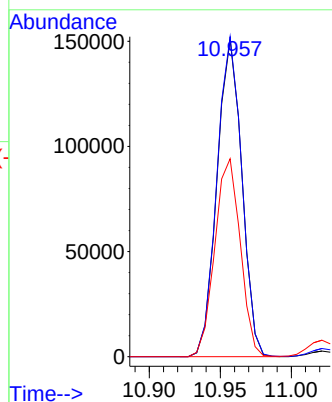
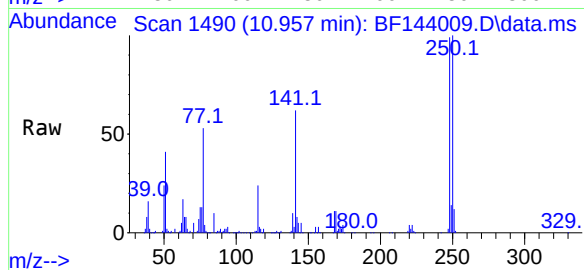




#67  
4-Bromophenyl-phenylether  
Concen: 38.56 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

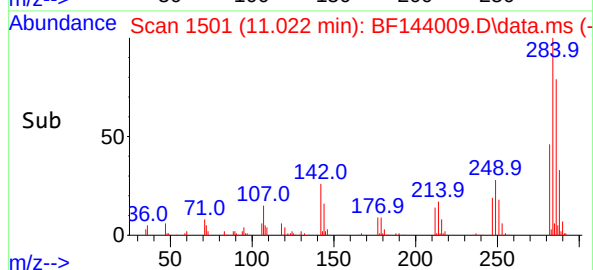
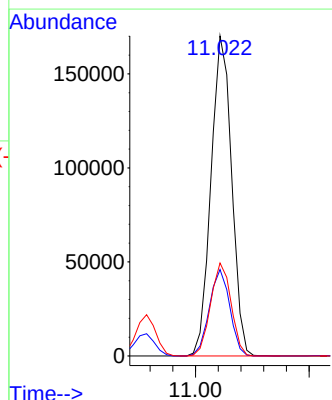
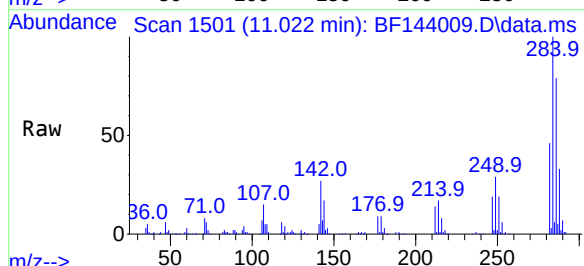
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

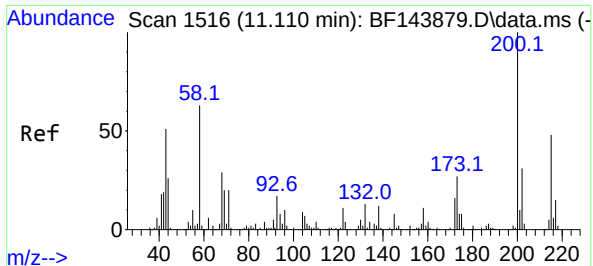
Tgt Ion:248 Resp: 183591  
Ion Ratio Lower Upper  
248 100  
250 100.8 76.3 114.5  
141 62.4 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 38.98 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:284 Resp: 214871  
Ion Ratio Lower Upper  
284 100  
142 27.0 20.6 30.8  
249 29.1 23.2 34.8





#69

Atrazine

Concen: 38.71 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

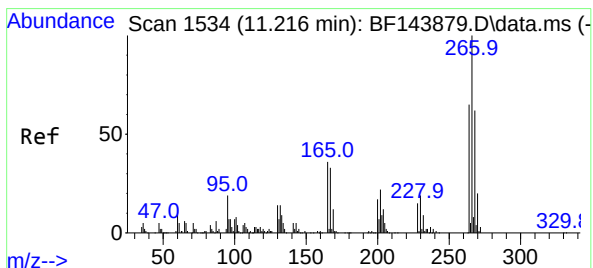
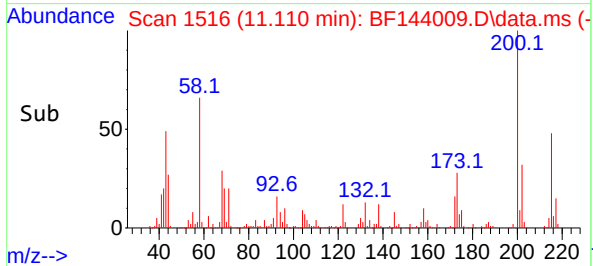
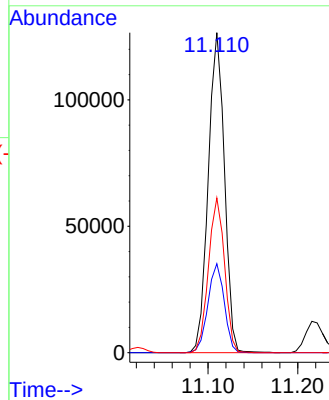
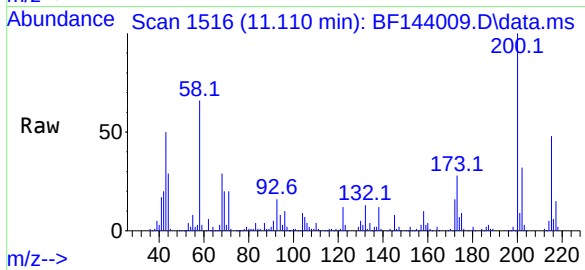
Tgt Ion:200 Resp: 158713

Ion Ratio Lower Upper

200 100

173 27.8 7.0 47.0

215 48.3 27.8 67.8



#70

Pentachlorophenol

Concen: 35.01 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

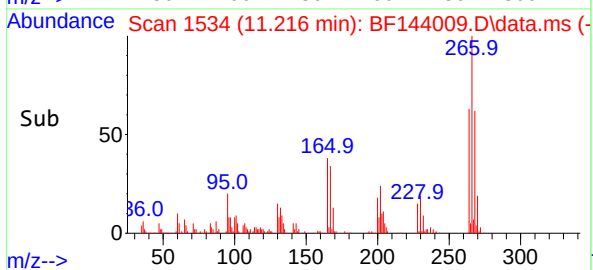
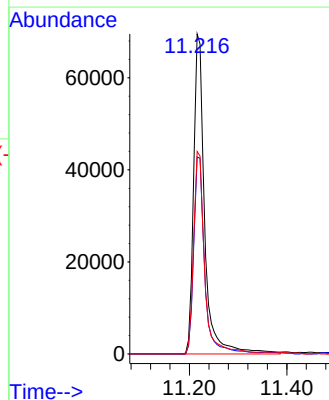
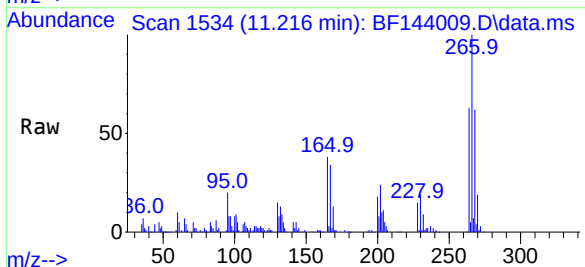
Tgt Ion:266 Resp: 110842

Ion Ratio Lower Upper

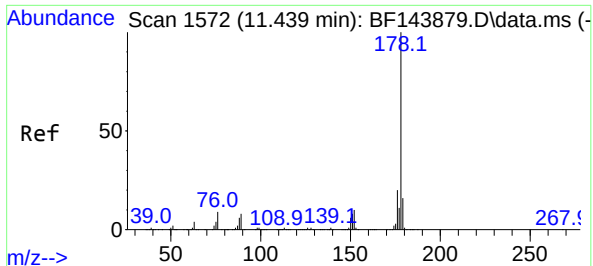
266 100

268 61.6 49.4 74.0

264 63.3 51.8 77.6



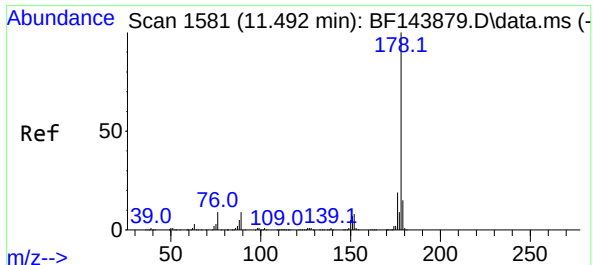
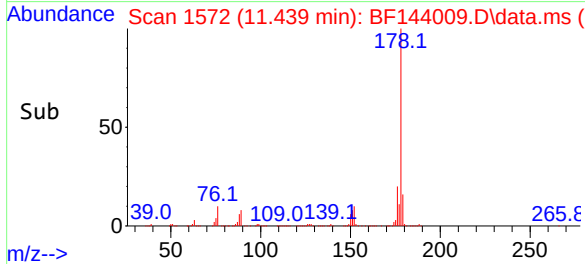
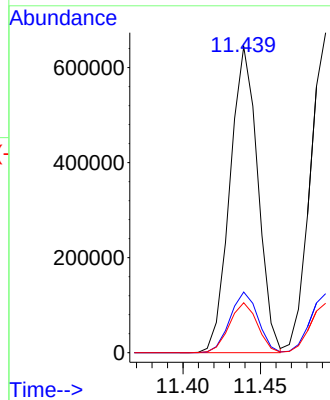
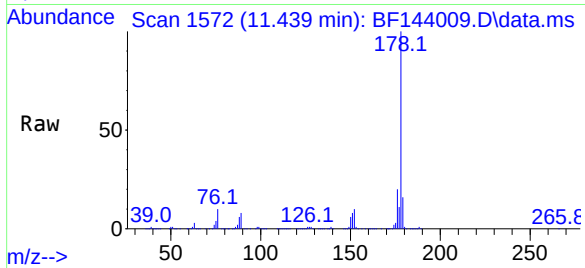




#71  
Phenanthrene  
Concen: 38.50 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

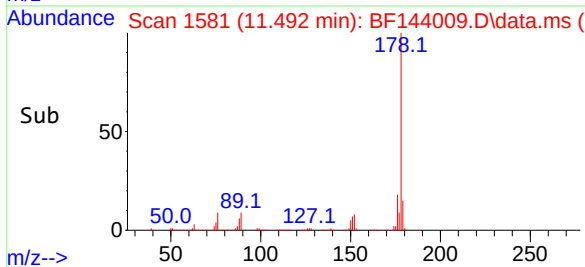
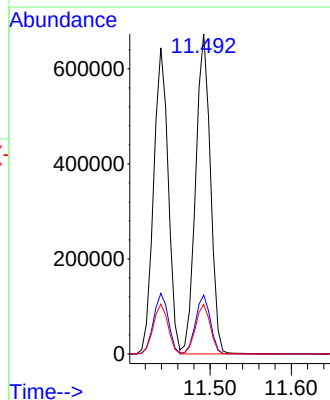
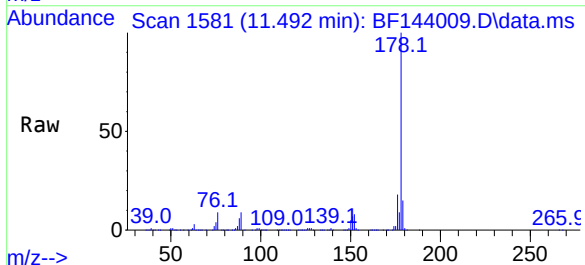
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

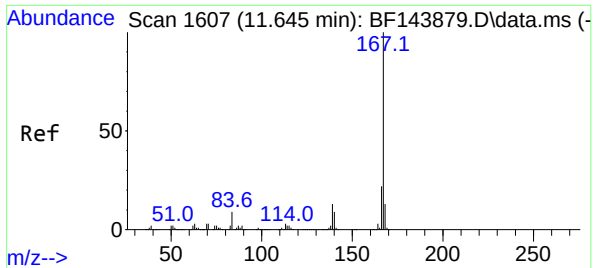
Tgt Ion:178 Resp: 804054  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.9 23.9  
179 16.3 12.4 18.6



#72  
Anthracene  
Concen: 40.32 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:178 Resp: 850834  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.9 22.3  
179 15.4 12.2 18.2

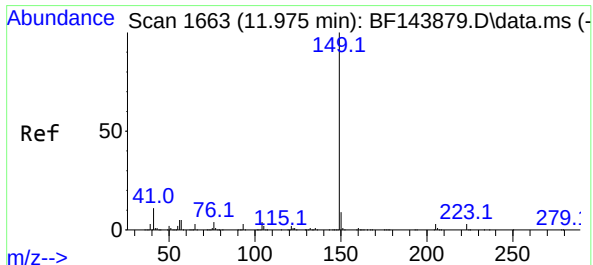
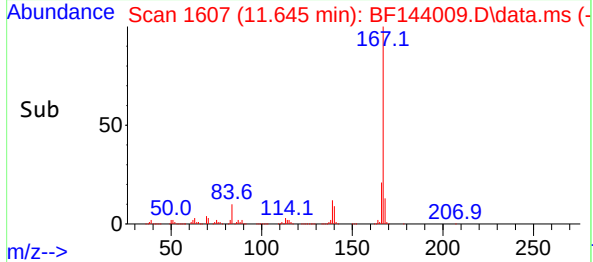
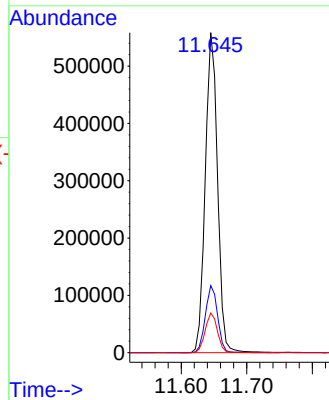
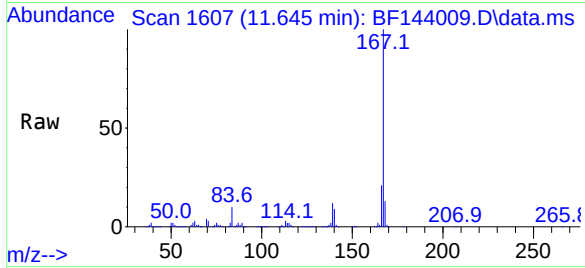




#73  
Carbazole  
Concen: 38.98 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

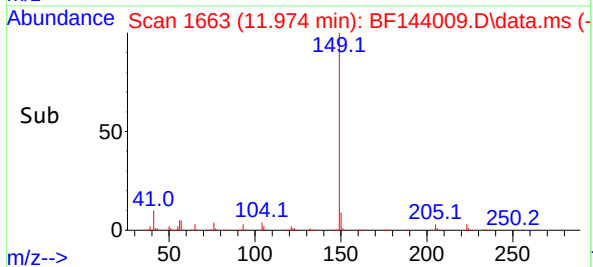
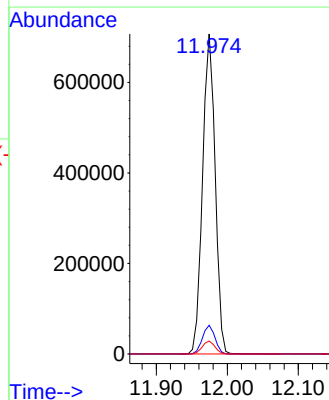
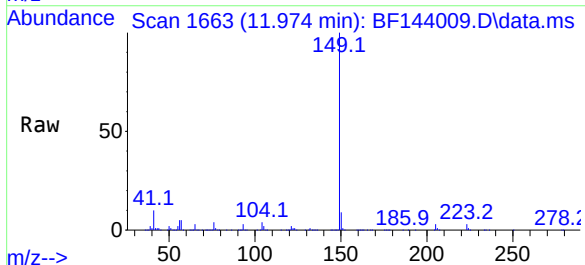
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

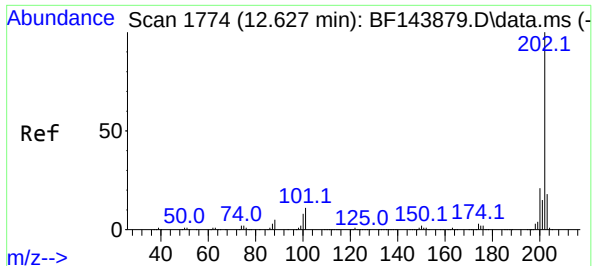
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 728491 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 20.9  | 17.2  | 25.8   |
| 139      | 12.4  | 10.1  | 15.1   |



#74  
Di-n-butylphthalate  
Concen: 40.33 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 873478 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 9.0   | 7.4   | 11.2   |
| 104      | 4.0   | 3.4   | 5.2    |

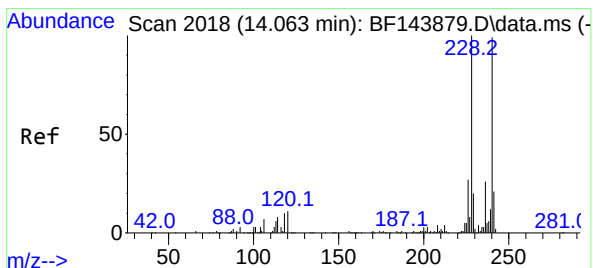
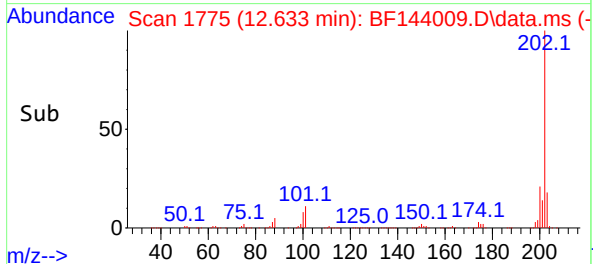
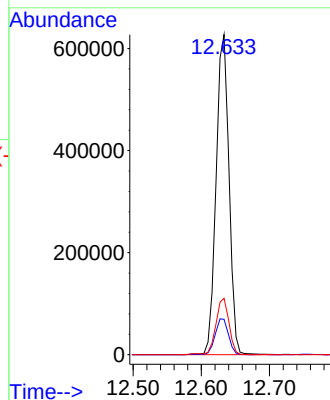
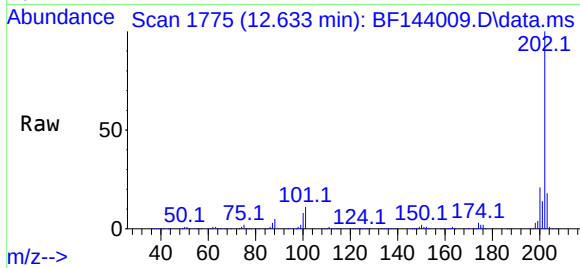




#75  
Fluoranthene  
Concen: 38.34 ng  
RT: 12.633 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

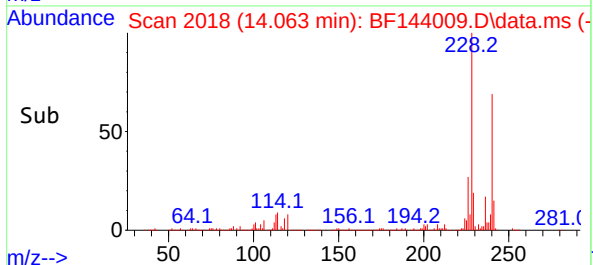
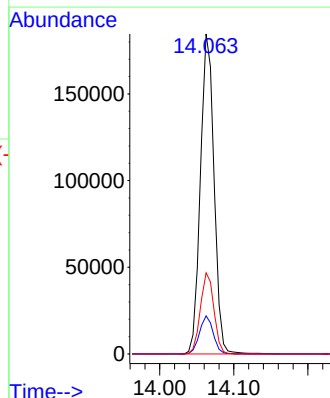
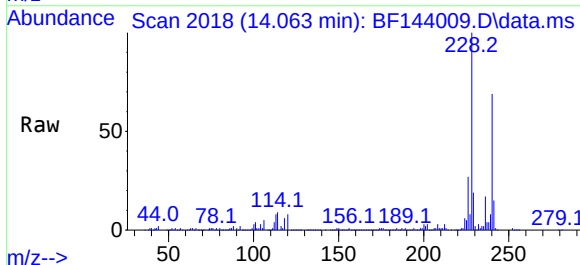
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

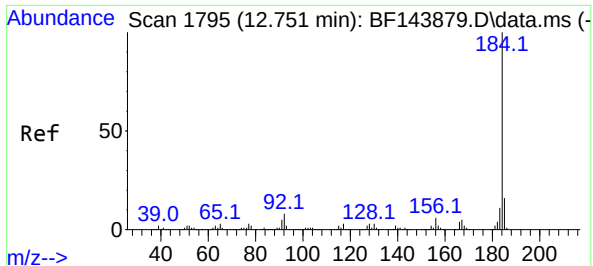
Tgt Ion:202 Resp: 827067  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 30.7  
203 17.6 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:240 Resp: 235758  
Ion Ratio Lower Upper  
240 100  
120 11.9 8.6 13.0  
236 25.4 21.1 31.7





#77

Benzidine

Concen: 35.21 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144009.D

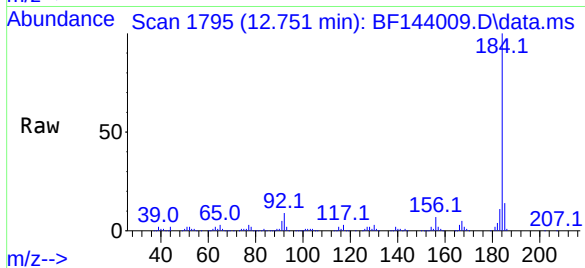
Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



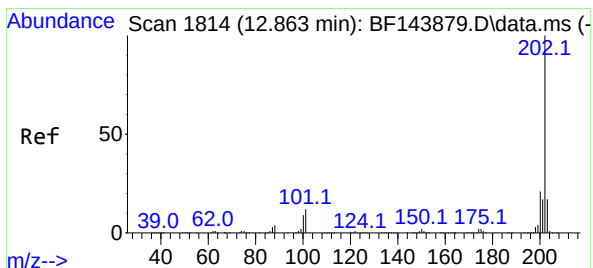
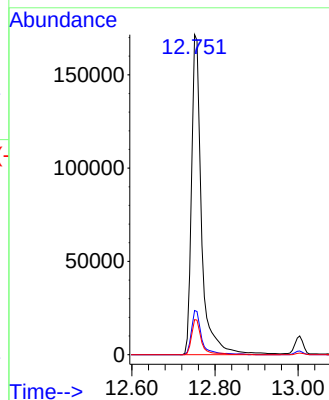
Tgt Ion:184 Resp: 288239

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

183 11.0 8.8 13.2



#78

Pyrene

Concen: 43.29 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

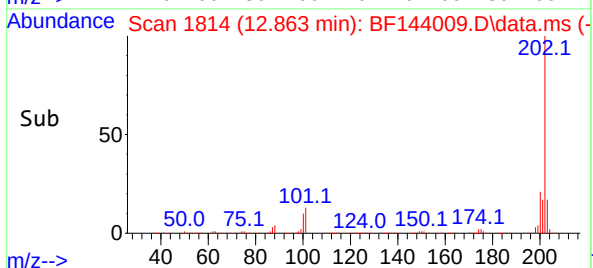
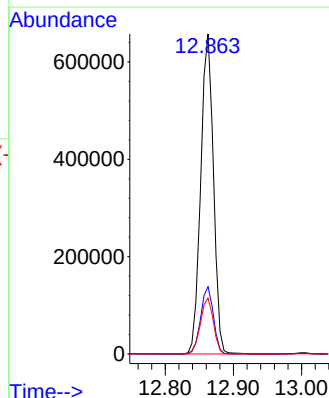
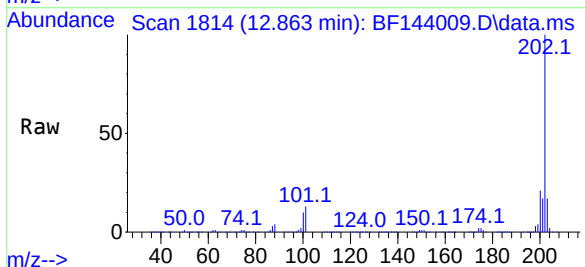
Tgt Ion:202 Resp: 850887

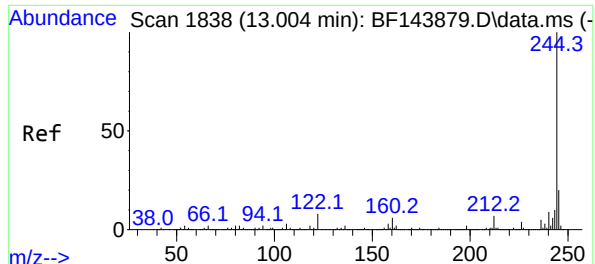
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 87.63 ng

RT: 13.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

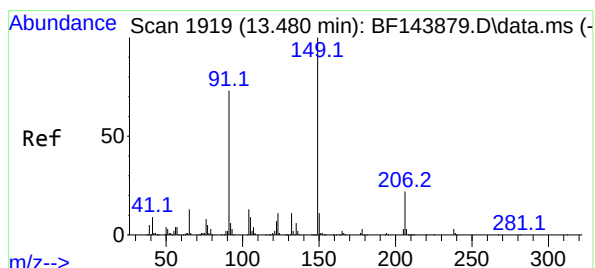
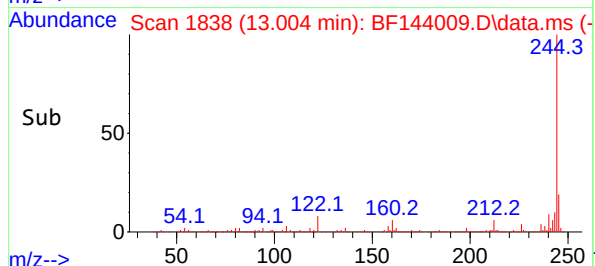
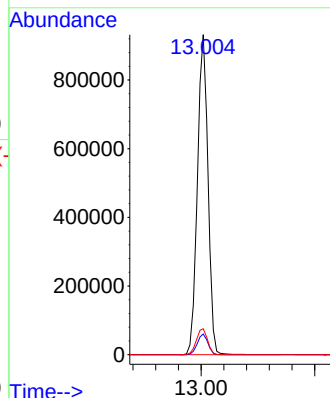
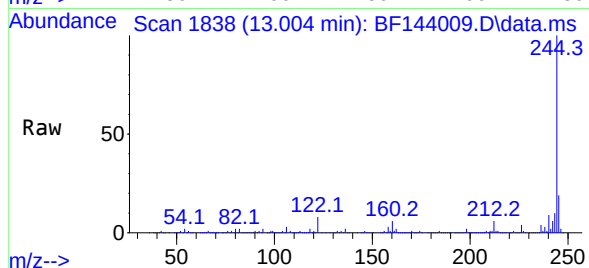
Tgt Ion:244 Resp: 1208859

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 8.1 6.4 9.6



#80

Butylbenzylphthalate

Concen: 41.89 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

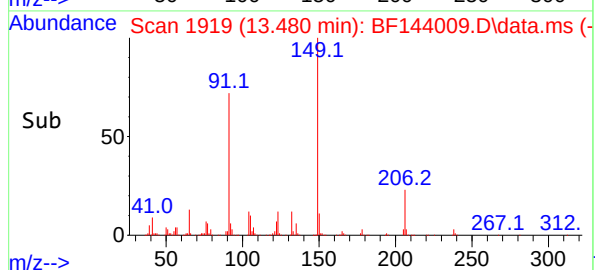
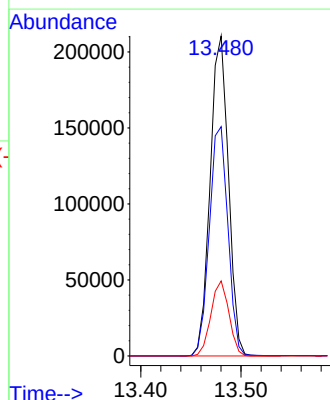
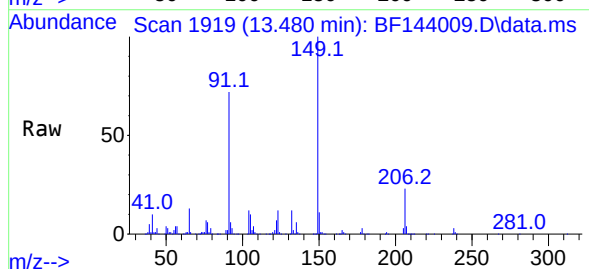
Tgt Ion:149 Resp: 267401

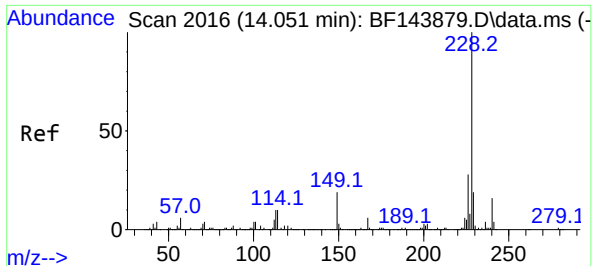
Ion Ratio Lower Upper

149 100

91 71.6 58.2 87.2

206 23.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 41.93 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

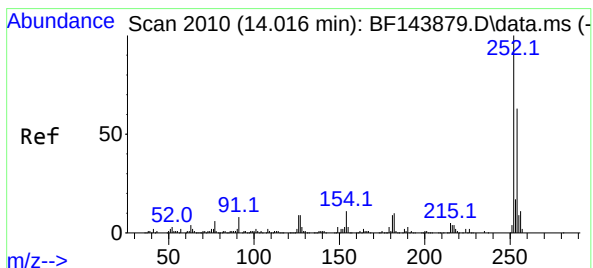
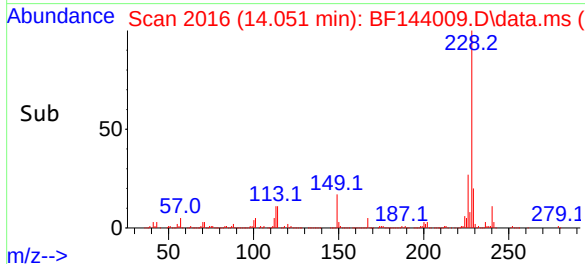
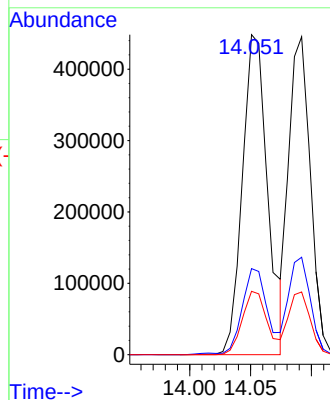
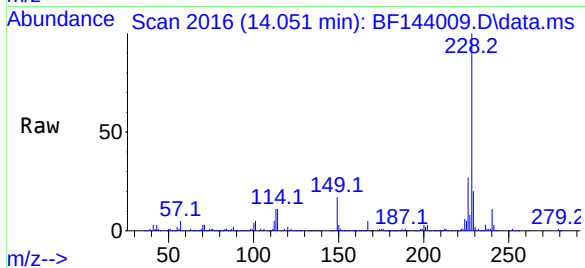
Tgt Ion:228 Resp: 646917

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.15 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

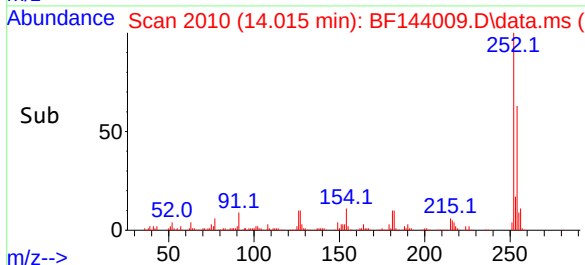
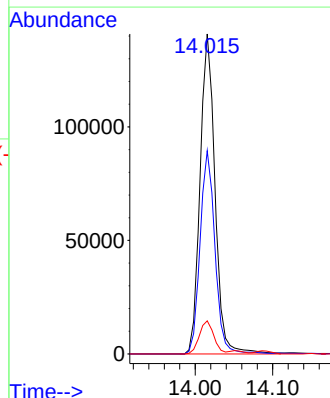
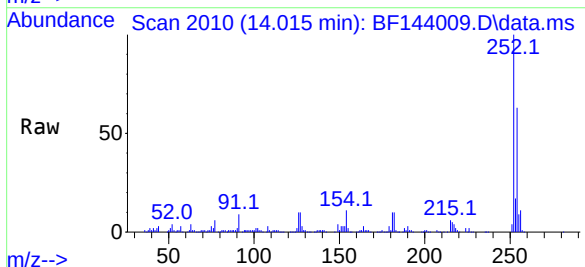
Tgt Ion:252 Resp: 188768

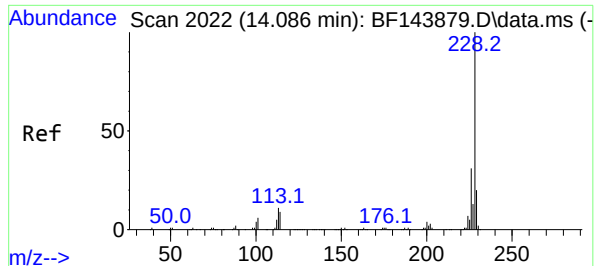
Ion Ratio Lower Upper

252 100

254 63.5 50.6 76.0

126 10.4 7.0 10.6





#83

Chrysene

Concen: 38.69 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

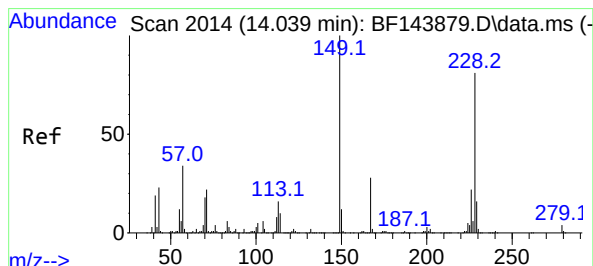
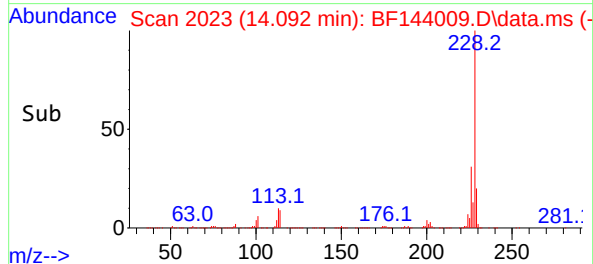
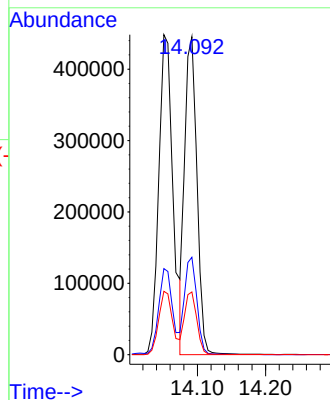
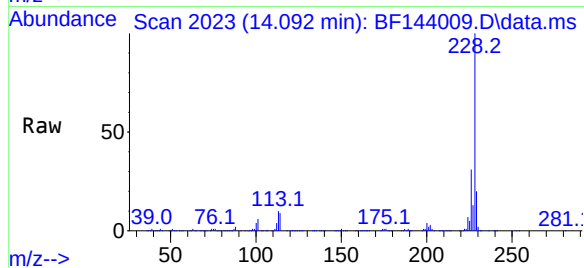
Tgt Ion:228 Resp: 552423

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.13 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

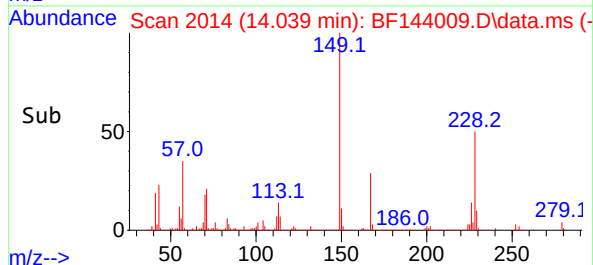
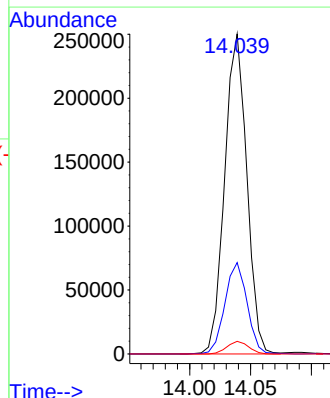
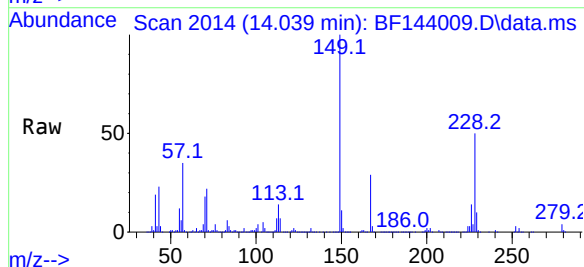
Tgt Ion:149 Resp: 316468

Ion Ratio Lower Upper

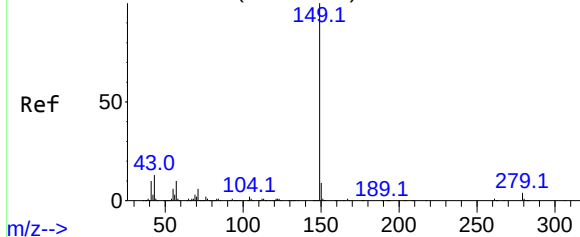
149 100

167 28.6 22.2 33.4

279 4.0 3.1 4.7



Abundance Scan 2119 (14.657 min): BF143879.D\data.ms (-

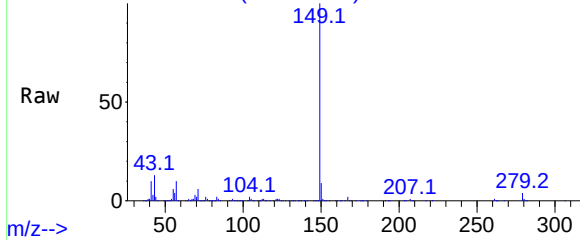


#85  
Di-n-octyl phthalate  
Concen: 43.84 ng  
RT: 14.657 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

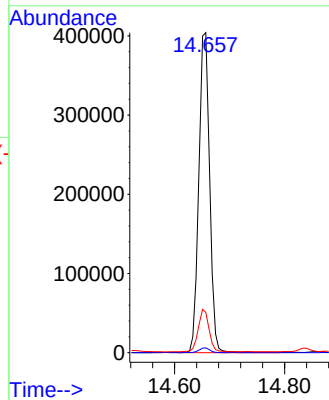
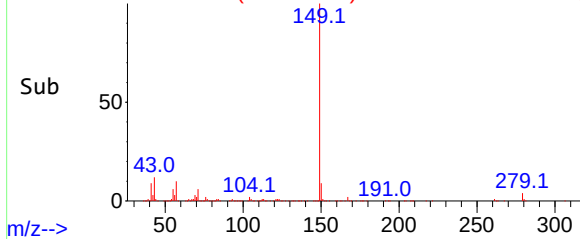
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.1   | 1.7   |
| 43      | 13.3  | 11.0  | 16.4  |

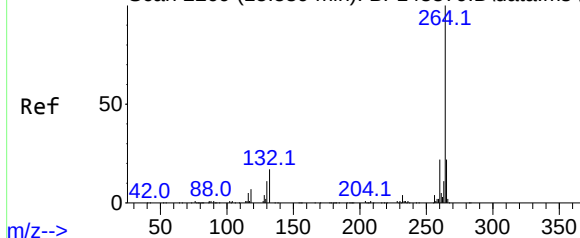
Abundance Scan 2119 (14.657 min): BF144009.D\data.ms



Abundance Scan 2119 (14.657 min): BF144009.D\data.ms (-



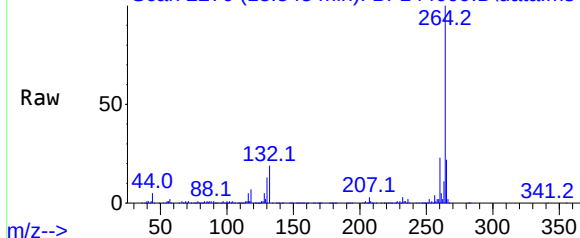
Abundance Scan 2269 (15.539 min): BF143879.D\data.ms (-



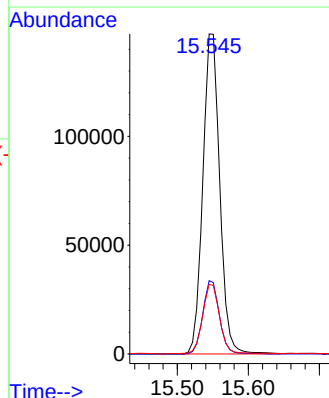
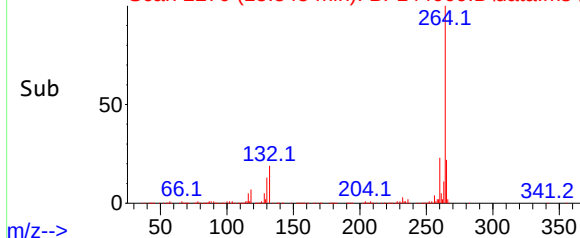
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 17.8  | 26.8  |
| 265     | 21.8  | 17.5  | 26.3  |

Abundance Scan 2270 (15.545 min): BF144009.D\data.ms

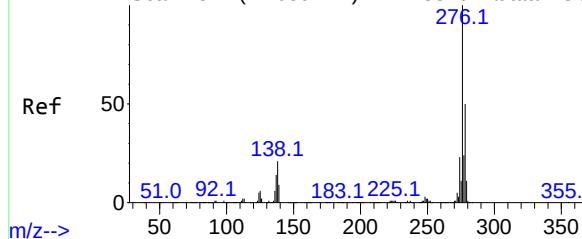


Abundance Scan 2270 (15.545 min): BF144009.D\data.ms (-





Abundance Scan 2524 (17.039 min): BF143879.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 46.35 ng

RT: 17.056 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 692814

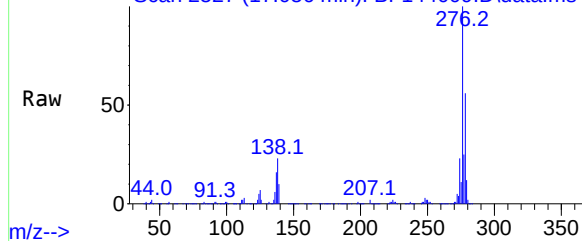
Ion Ratio Lower Upper

276 100

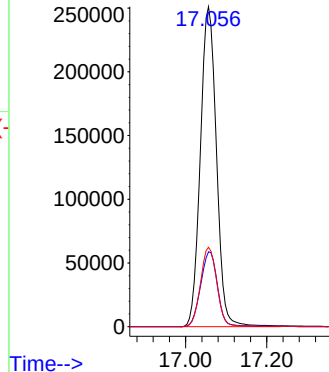
138 24.5 18.2 27.2

277 25.1 19.8 29.6

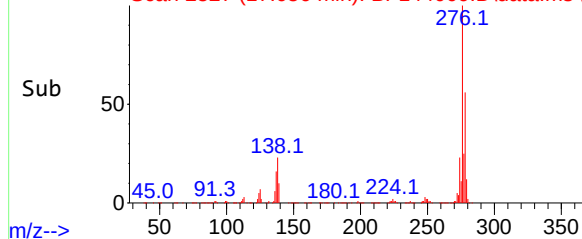
Abundance Scan 2527 (17.056 min): BF144009.D\data.ms



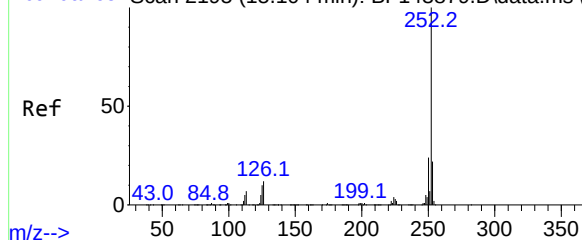
Abundance



Abundance Scan 2527 (17.056 min): BF144009.D\data.ms (-



Abundance Scan 2195 (15.104 min): BF143879.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 39.83 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Tgt Ion:252 Resp: 558030

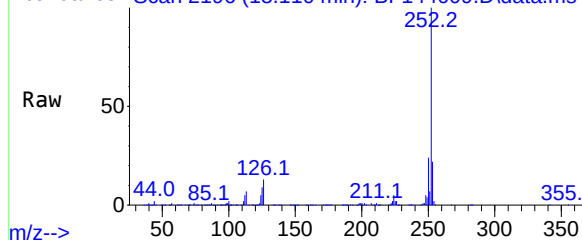
Ion Ratio Lower Upper

252 100

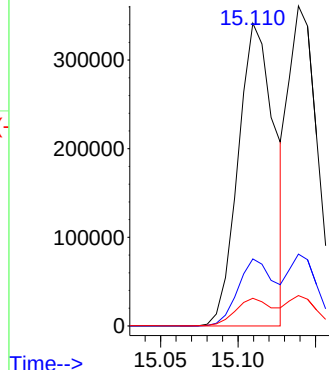
253 22.1 17.4 26.2

125 9.1 7.8 11.6

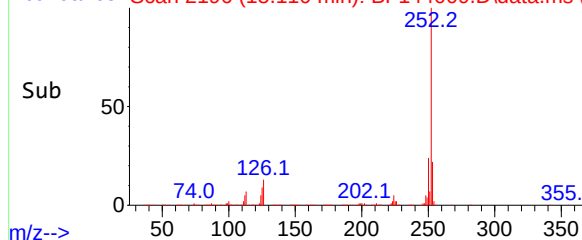
Abundance Scan 2196 (15.110 min): BF144009.D\data.ms

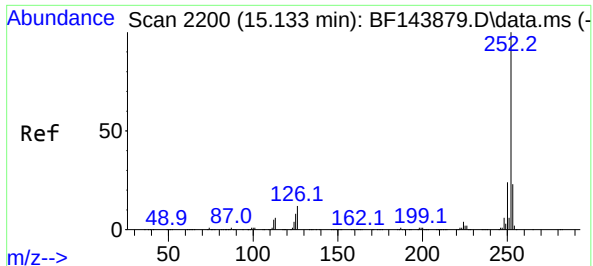


Abundance



Abundance Scan 2196 (15.110 min): BF144009.D\data.ms (-





#89

Benzo(k)fluoranthene

Concen: 36.42 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

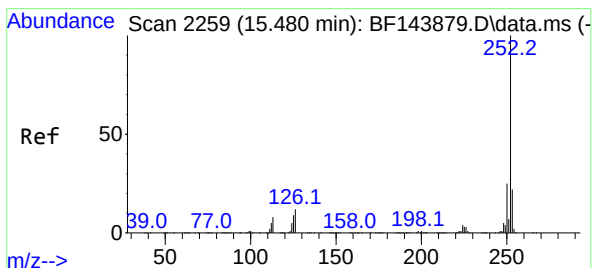
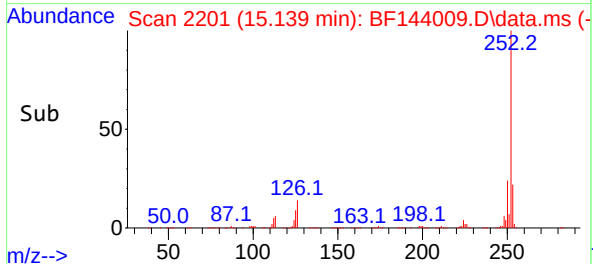
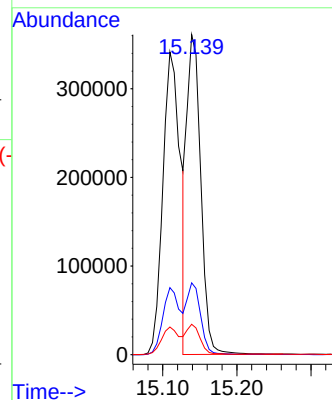
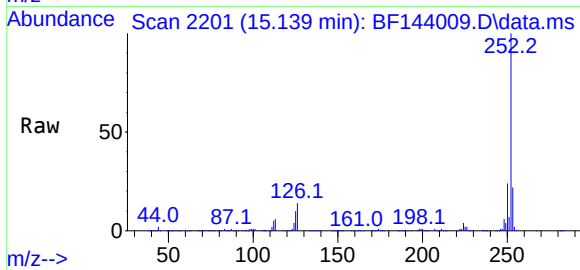
Tgt Ion:252 Resp: 472182

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.46 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144009.D

Acq: 21 Oct 2025 13:29

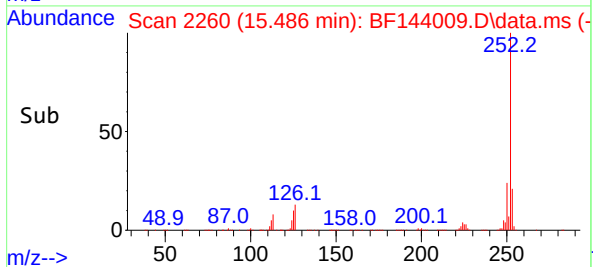
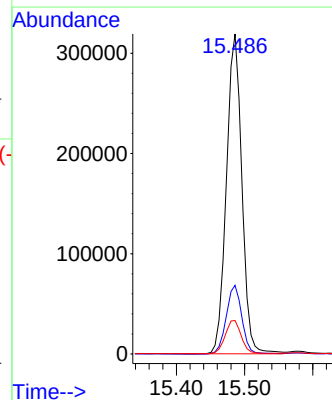
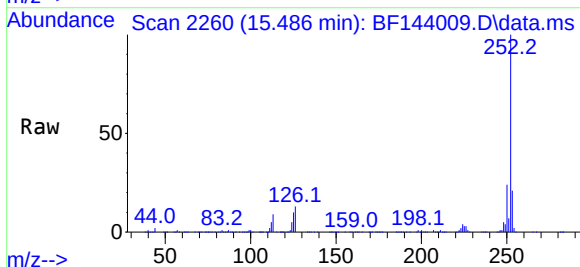
Tgt Ion:252 Resp: 503690

Ion Ratio Lower Upper

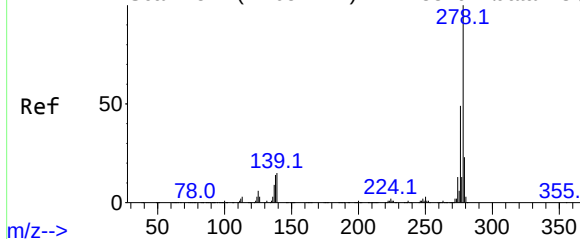
252 100

253 21.5 17.3 25.9

125 10.4 7.0 10.4#



Abundance Scan 2527 (17.057 min): BF143879.D\data.ms (-

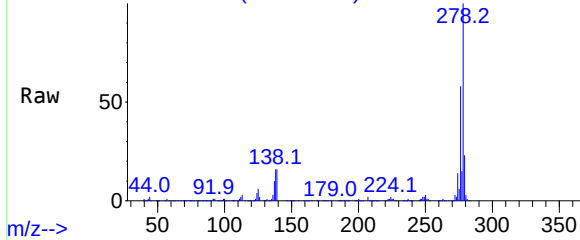


#91  
Dibenzo(a,h)anthracene  
Concen: 46.96 ng  
RT: 17.074 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

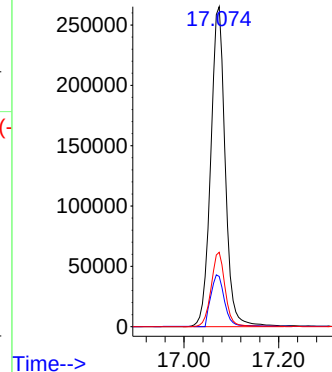
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 564523  
Ion Ratio Lower Upper  
278 100  
139 15.7 11.7 17.5  
279 23.3 18.4 27.6

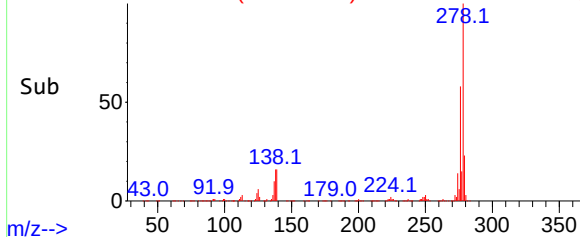
Abundance Scan 2530 (17.074 min): BF144009.D\data.ms



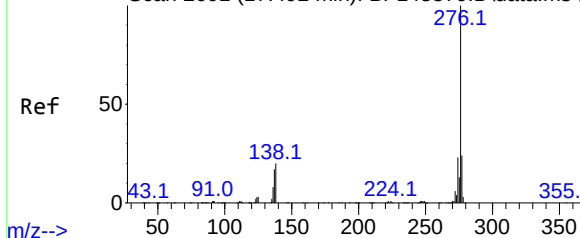
Abundance



Abundance Scan 2530 (17.074 min): BF144009.D\data.ms (-



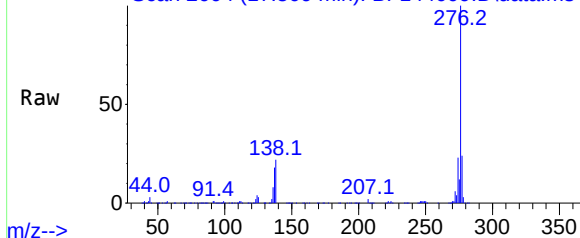
Abundance Scan 2601 (17.492 min): BF143879.D\data.ms (-



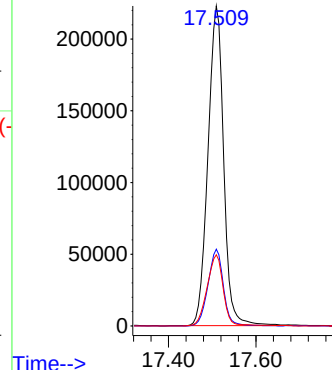
#92  
Benzo(g,h,i)perylene  
Concen: 46.37 ng  
RT: 17.509 min Scan# 2604  
Delta R.T. -0.006 min  
Lab File: BF144009.D  
Acq: 21 Oct 2025 13:29

Tgt Ion:276 Resp: 557435  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.0 28.6  
138 22.3 16.1 24.1

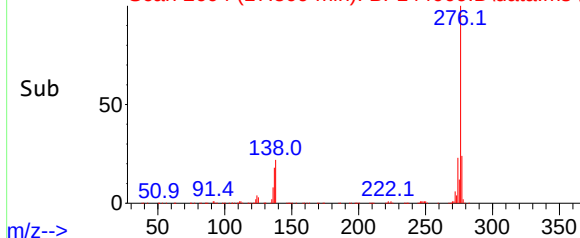
Abundance Scan 2604 (17.509 min): BF144009.D\data.ms



Abundance



Abundance Scan 2604 (17.509 min): BF144009.D\data.ms (-



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144009.D  
 Acq On : 21 Oct 2025 13:29  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 21 13:57:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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   | 102   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.583 | 0.600 | -2.9  | 101   | 0.00     |
| 3    | Pyridine                    | 1.697 | 1.707 | -0.6  | 98    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 0.893 | 0.844 | 5.5   | 95    | -0.03    |
| 5 S  | 2-Fluorophenol              | 1.259 | 1.299 | -3.2  | 102   | 0.00     |
| 6    | Aniline                     | 2.250 | 2.216 | 1.5   | 97    | 0.00     |
| 7 S  | Phenol-d6                   | 1.501 | 1.494 | 0.5   | 99    | 0.00     |
| 8    | 2-Chlorophenol              | 1.231 | 1.267 | -2.9  | 100   | 0.00     |
| 9    | Benzaldehyde                | 1.158 | 1.203 | -3.9  | 93    | 0.00     |
| 10 C | Phenol                      | 1.795 | 1.901 | -5.9  | 106   | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 1.386 | 1.376 | 0.7   | 97    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.474 | 1.463 | 0.7   | 99    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.454 | 1.433 | 1.4   | 98    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.392 | 1.411 | -1.4  | 101   | 0.00     |
| 15   | Benzyl Alcohol              | 1.125 | 1.121 | 0.4   | 98    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 3.156 | 3.225 | -2.2  | 102   | 0.00     |
| 17   | 2-Methylphenol              | 1.017 | 1.009 | 0.8   | 98    | 0.00     |
| 18   | Hexachloroethane            | 0.485 | 0.486 | -0.2  | 99    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.028 | 0.983 | 4.4   | 98    | -0.02    |
| 20   | 3+4-Methylphenols           | 1.179 | 1.177 | 0.2   | 95    | -0.01    |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 22   | Acetophenone                | 0.423 | 0.409 | 3.3   | 95    | -0.01    |
| 23 S | Nitrobenzene-d5             | 0.329 | 0.341 | -3.6  | 100   | -0.01    |
| 24   | Nitrobenzene                | 0.366 | 0.382 | -4.4  | 98    | -0.01    |
| 25   | Isophorone                  | 0.694 | 0.664 | 4.3   | 95    | -0.02    |
| 26 C | 2-Nitrophenol               | 0.157 | 0.182 | -15.9 | 105   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.290 | -2.8  | 99    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.438 | 0.433 | 1.1   | 98    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.294 | 0.295 | -0.3  | 97    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.289 | 0.288 | 0.3   | 97    | 0.00     |
| 31   | Naphthalene                 | 0.910 | 0.902 | 0.9   | 98    | 0.00     |
| 32   | Benzoic acid                | 0.195 | 0.183 | 6.2   | 92    | -0.04    |
| 33   | 4-Chloroaniline             | 0.341 | 0.341 | 0.0   | 97    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.201 | 0.197 | 2.0   | 96    | 0.00     |
| 35   | Caprolactam                 | 0.093 | 0.095 | -2.2  | 100   | -0.04    |
| 36 C | 4-Chloro-3-methylphenol     | 0.282 | 0.281 | 0.4   | 98    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.606 | 0.599 | 1.2   | 98    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.588 | 0.573 | 2.6   | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.553 | 0.559 | -1.1  | 96    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.229 | 0.224 | 2.2   | 88    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.199 | 0.191 | 4.0   | 93    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.404 | 0.394 | 2.5   | 90    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.427 | 0.432 | -1.2  | 96    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.260 | 1.174 | 6.8   | 97    | -0.01    |
| 46   | 1,1'-Biphenyl               | 1.324 | 1.283 | 3.1   | 95    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.104 | 1.099 | 0.5   | 98    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144009.D  
 Acq On : 21 Oct 2025 13:29  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 21 13:57:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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             | 0.349 | 0.372 | -6.6  | 96    | 0.00     |
| 49   | Acenaphthylene             | 1.552 | 1.531 | 1.4   | 96    | 0.00     |
| 50   | Dimethylphthalate          | 1.270 | 1.246 | 1.9   | 98    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.236 | 0.265 | -12.3 | 102   | -0.01    |
| 52 C | Acenaphthene               | 1.017 | 0.980 | 3.6   | 94    | 0.00     |
| 53   | 3-Nitroaniline             | 0.288 | 0.299 | -3.8  | 99    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 0.118 | 0.105 | 11.0  | 89    | 0.00     |
| 55   | Dibenzofuran               | 1.436 | 1.413 | 1.6   | 96    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.218 | 0.197 | 9.6   | 85    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.320 | 0.350 | -9.4  | 97    | 0.00     |
| 58   | Fluorene                   | 1.083 | 1.052 | 2.9   | 97    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.299 | 1.0   | 93    | 0.00     |
| 60   | Diethylphthalate           | 1.180 | 1.127 | 4.5   | 93    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.573 | 0.561 | 2.1   | 95    | 0.00     |
| 62   | 4-Nitroaniline             | 0.277 | 0.278 | -0.4  | 96    | -0.02    |
| 63   | Azobenzene                 | 1.233 | 1.211 | 1.8   | 96    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.101 | 0.109 | -7.9  | 95    | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 0.628 | 0.632 | -0.6  | 93    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.221 | 0.213 | 3.6   | 89    | 0.00     |
| 68   | Hexachlorobenzene          | 0.256 | 0.249 | 2.7   | 91    | 0.00     |
| 69   | Atrazine                   | 0.190 | 0.184 | 3.2   | 92    | -0.01    |
| 70 C | Pentachlorophenol          | 0.147 | 0.129 | 12.2  | 79    | 0.00     |
| 71   | Phenanthrene               | 0.970 | 0.933 | 3.8   | 93    | 0.00     |
| 72   | Anthracene                 | 0.980 | 0.987 | -0.7  | 93    | 0.00     |
| 73   | Carbazole                  | 0.868 | 0.845 | 2.6   | 93    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.005 | 1.014 | -0.9  | 93    | 0.00     |
| 75 C | Fluoranthene               | 1.002 | 0.960 | 4.2   | 90    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 93    | 0.00     |
| 77   | Benzydine                  | 0.694 | 0.611 | 12.0  | 74    | 0.00     |
| 78   | Pyrene                     | 1.667 | 1.805 | -8.3  | 90    | 0.00     |
| 79 S | Terphenyl-d14              | 1.170 | 1.282 | -9.6  | 93    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.542 | 0.567 | -4.6  | 85    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.309 | 1.372 | -4.8  | 91    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.399 | 0.400 | -0.3  | 84    | 0.00     |
| 83   | Chrysene                   | 1.211 | 1.172 | 3.2   | 84    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.653 | 0.671 | -2.8  | 84    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.072 | 1.175 | -9.6  | 91    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.225 | 1.420 | -15.9 | 99    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.149 | 1.144 | 0.4   | 88    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.063 | 0.968 | 8.9   | 85    | 0.00     |
| 90 C | Benzo(a)pyrene             | 0.996 | 1.033 | -3.7  | 91    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 0.986 | 1.157 | -17.3 | 100   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 0.986 | 1.143 | -15.9 | 99    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144009.D  
Acq On : 21 Oct 2025 13:29  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144009.D  
 Acq On : 21 Oct 2025 13:29  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 21 13:57:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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   | 102   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.185 | -3.0  | 101   | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.239 | -0.6  | 98    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.810 | 5.5   | 95    | -0.03    |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.536 | -3.2  | 102   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.405 | 1.5   | 97    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.601 | 0.5   | 99    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.153 | -2.9  | 100   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.553 | -3.9  | 93    | 0.00     |
| 10 C | Phenol                      | 40.000 | 42.370 | -5.9  | 106   | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.703 | 0.7   | 97    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.720 | 0.7   | 99    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.438 | 1.4   | 98    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.528 | -1.3  | 101   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.850 | 0.4   | 98    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.872 | -2.2  | 102   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.675 | 0.8   | 98    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.126 | -0.3  | 99    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.272 | 4.3   | 98    | -0.02    |
| 20   | 3+4-Methylphenols           | 40.000 | 39.914 | 0.2   | 95    | -0.01    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 101   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.653 | 3.4   | 95    | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.879 | -3.6  | 100   | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 41.813 | -4.5  | 98    | -0.01    |
| 25   | Isophorone                  | 40.000 | 38.250 | 4.4   | 95    | -0.02    |
| 26 C | 2-Nitrophenol               | 40.000 | 46.340 | -15.9 | 105   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.193 | -3.0  | 99    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.532 | 1.2   | 98    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.123 | -0.3  | 97    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.933 | 0.2   | 97    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.667 | 0.8   | 98    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.569 | 6.1   | 92    | -0.04    |
| 33   | 4-Chloroaniline             | 40.000 | 39.987 | 0.0   | 97    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.350 | 1.6   | 96    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.569 | -1.4  | 100   | -0.04    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.776 | 0.6   | 98    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.549 | 1.1   | 98    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.003 | 2.5   | 95    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 101   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.440 | -1.1  | 96    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.991 | 2.5   | 88    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 76.638 | 4.2   | 93    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.063 | 2.3   | 90    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.504 | -1.3  | 96    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.521 | 6.8   | 97    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.750 | 3.1   | 95    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.831 | 0.4   | 98    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
 Data File : BF144009.D  
 Acq On : 21 Oct 2025 13:29  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 21 13:57:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 42.593 | -6.5  | 96    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.462 | 1.3   | 96    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.243 | 1.9   | 98    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 44.988 | -12.5 | 102   | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 38.554 | 3.6   | 94    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.461 | -3.7  | 99    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 33.421 | 16.4  | 89    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.362 | 1.6   | 96    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 36.028 | 9.9   | 85    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.651 | -9.1  | 97    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.862 | 2.8   | 97    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.546 | 1.1   | 93    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.198 | 4.5   | 93    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.202 | 2.0   | 95    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.078 | -0.2  | 96    | -0.02    |
| 63   | Azobenzene                 | 40.000 | 39.265 | 1.8   | 96    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.304 | -8.3  | 95    | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.254 | -0.6  | 93    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.560 | 3.6   | 89    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.982 | 2.5   | 91    | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.711 | 3.2   | 92    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 35.013 | 12.5  | 79    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.498 | 3.8   | 93    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.324 | -0.8  | 93    | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.983 | 2.5   | 93    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.330 | -0.8  | 93    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.337 | 4.2   | 90    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 93    | 0.00     |
| 77   | Benzydine                  | 40.000 | 35.211 | 12.0  | 74    | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.291 | -8.2  | 90    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 87.634 | -9.5  | 93    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.891 | -4.7  | 85    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 41.931 | -4.8  | 91    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.149 | -0.4  | 84    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.688 | 3.3   | 84    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.128 | -2.8  | 84    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 43.844 | -9.6  | 91    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 46.355 | -15.9 | 99    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.827 | 0.4   | 88    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.420 | 8.9   | 85    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.459 | -3.6  | 91    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 46.964 | -17.4 | 100   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 46.374 | -15.9 | 99    | 0.00     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144009.D  
Acq On : 21 Oct 2025 13:29  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 21 13:57:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 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



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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

|                 |                   |                        |                              |
|-----------------|-------------------|------------------------|------------------------------|
| Lab Name:       | <u>Alliance</u>   | Contract:              | <u>AEC002</u>                |
| Lab Code:       | <u>ACE</u>        | SDG No.:               | <u>Q3375</u>                 |
| Instrument ID:  | <u>BNA_G</u>      | Calibration Date/Time: | <u>10/20/2025 12:44</u>      |
| Lab File ID:    | <u>BG064547.D</u> | Init. Calib. Date(s):  | <u>10/02/2025 10/02/2025</u> |
| EPA Sample No.: | <u>SSTDCCC040</u> | Init. Calib. Time(s):  | <u>09:01 15:49</u>           |
| GC Column:      | <u>ZB-GR</u>      | ID:                    | <u>0.25</u> (mm)             |

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|-----------------------------|-------|--------|------------|-------|-------|
| 2-Fluorophenol              | 1.081 | 1.194  |            | 10.5  |       |
| Benzaldehyde                | 1.290 | 1.393  |            | 8.0   |       |
| Phenol-d6                   | 1.452 | 1.610  |            | 10.9  |       |
| Phenol                      | 1.532 | 1.641  |            | 7.1   | 20.0  |
| bis(2-Chloroethyl)ether     | 1.038 | 1.092  |            | 5.2   |       |
| 2-Chlorophenol              | 1.327 | 1.449  |            | 9.2   |       |
| 2-Methylphenol              | 1.109 | 1.242  |            | 12.0  |       |
| 2,2-oxybis(1-Chloropropane) | 1.672 | 1.575  |            | -5.8  |       |
| Acetophenone                | 0.484 | 0.526  |            | 8.7   |       |
| 3+4-Methylphenols           | 1.548 | 1.686  |            | 8.9   |       |
| n-Nitroso-di-n-propylamine  | 0.971 | 1.105  | 0.050      | 13.8  |       |
| Nitrobenzene-d5             | 0.372 | 0.403  |            | 8.3   |       |
| Hexachloroethane            | 0.575 | 0.619  |            | 7.7   |       |
| Nitrobenzene                | 0.371 | 0.388  |            | 4.6   |       |
| Isophorone                  | 0.674 | 0.707  |            | 4.9   |       |
| 2-Nitrophenol               | 0.185 | 0.203  |            | 9.7   | 20.0  |
| 2,4-Dimethylphenol          | 0.282 | 0.312  |            | 10.6  |       |
| bis(2-Chloroethoxy)methane  | 0.343 | 0.365  |            | 6.4   |       |
| 2,4-Dichlorophenol          | 0.326 | 0.358  |            | 9.8   | 20.0  |
| Naphthalene                 | 1.030 | 1.119  |            | 8.6   |       |
| 4-Chloroaniline             | 0.395 | 0.412  |            | 4.3   |       |
| Hexachlorobutadiene         | 0.304 | 0.337  |            | 10.9  | 20.0  |
| Caprolactam                 | 0.112 | 0.118  |            | 5.4   |       |
| 4-Chloro-3-methylphenol     | 0.397 | 0.427  |            | 7.6   | 20.0  |
| 2-Methylnaphthalene         | 0.791 | 0.842  |            | 6.4   |       |
| Hexachlorocyclopentadiene   | 0.338 | 0.380  | 0.050      | 12.4  |       |
| 2,4,6-Trichlorophenol       | 0.413 | 0.471  |            | 14.0  | 20.0  |
| 2-Fluorobiphenyl            | 1.357 | 1.453  |            | 7.1   |       |
| 2,4,5-Trichlorophenol       | 0.461 | 0.485  |            | 5.2   |       |
| 1,1-Biphenyl                | 1.438 | 1.493  |            | 3.8   |       |
| 2-Chloronaphthalene         | 1.074 | 1.136  |            | 5.8   |       |
| 2-Nitroaniline              | 0.367 | 0.404  |            | 10.1  |       |
| Dimethylphthalate           | 1.566 | 1.653  |            | 5.6   |       |
| Acenaphthylene              | 1.594 | 1.720  |            | 7.9   |       |
| 2,6-Dinitrotoluene          | 0.326 | 0.349  |            | 7.1   |       |
| 3-Nitroaniline              | 0.301 | 0.316  |            | 5.0   |       |
| Acenaphthene                | 1.108 | 1.160  |            | 4.7   | 20.0  |
| 2,4-Dinitrophenol           | 0.237 | 0.201  | 0.050      | -15.2 |       |
| 4-Nitrophenol               | 0.237 | 0.224  | 0.050      | -5.5  |       |



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

7C

## SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: AEC002  
 Lab Code: ACE SDG No.: Q3375  
 Instrument ID: BNA\_G Calibration Date/Time: 10/20/2025 12:44  
 Lab File ID: BG064547.D Init. Calib. Date(s): 10/02/2025 10/02/2025  
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 15:49  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|----------------------------|-------|--------|------------|-------|-------|
| Dibenzofuran               | 1.829 | 1.957  |            | 7.0   |       |
| 2,4-Dinitrotoluene         | 0.499 | 0.527  |            | 5.6   |       |
| Diethylphthalate           | 1.680 | 1.793  |            | 6.7   |       |
| 4-Chlorophenyl-phenylether | 0.830 | 0.883  |            | 6.4   |       |
| Fluorene                   | 1.520 | 1.623  |            | 6.8   |       |
| 4-Nitroaniline             | 0.314 | 0.338  |            | 7.6   |       |
| 4,6-Dinitro-2-methylphenol | 0.139 | 0.145  |            | 4.3   |       |
| n-Nitrosodiphenylamine     | 0.534 | 0.568  |            | 6.4   | 20.0  |
| 2,4,6-Tribromophenol       | 0.363 | 0.393  |            | 8.3   |       |
| 4-Bromophenyl-phenylether  | 0.235 | 0.253  |            | 7.7   |       |
| Hexachlorobenzene          | 0.269 | 0.296  |            | 10.0  |       |
| Atrazine                   | 0.238 | 0.240  |            | 0.8   |       |
| Pentachlorophenol          | 0.157 | 0.169  |            | 7.6   | 20.0  |
| Phenanthrene               | 1.046 | 1.100  |            | 5.2   |       |
| Anthracene                 | 1.049 | 1.130  |            | 7.7   |       |
| Carbazole                  | 0.907 | 0.960  |            | 5.8   |       |
| Di-n-butylphthalate        | 1.107 | 1.175  |            | 6.1   |       |
| Fluoranthene               | 1.250 | 1.308  |            | 4.6   | 20.0  |
| Pyrene                     | 1.298 | 1.355  |            | 4.4   |       |
| Terphenyl-d14              | 1.057 | 1.133  |            | 7.2   |       |
| Butylbenzylphthalate       | 0.460 | 0.496  |            | 7.8   |       |
| 3,3-Dichlorobenzidine      | 0.432 | 0.455  |            | 5.3   |       |
| Benzo (a) anthracene       | 1.277 | 1.361  |            | 6.6   |       |
| Chrysene                   | 1.211 | 1.287  |            | 6.3   |       |
| Bis(2-ethylhexyl)phthalate | 0.649 | 0.709  |            | 9.2   |       |
| Di-n-octyl phthalate       | 1.091 | 1.198  |            | 9.8   | 20.0  |
| Benzo (b) fluoranthene     | 1.138 | 1.217  |            | 6.9   |       |
| Benzo (k) fluoranthene     | 1.146 | 1.257  |            | 9.7   |       |
| Benzo (a) pyrene           | 1.049 | 1.138  |            | 8.5   | 20.0  |
| Indeno (1,2,3-cd) pyrene   | 1.392 | 1.498  |            | 7.6   |       |
| Dibenzo (a,h) anthracene   | 1.113 | 1.205  |            | 8.3   |       |
| Benzo (g,h,i) perylene     | 1.082 | 1.159  |            | 7.1   |       |
| 1,2,4,5-Tetrachlorobenzene | 0.646 | 0.669  |            | 3.6   |       |
| 1,4-Dioxane                | 0.427 | 0.377  |            | -11.7 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.470 | 0.507  |            | 7.9   |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064547.D  
 Acq On : 20 Oct 2025 12:44  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 16:36:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.817  | 152  | 12980    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.607 | 136  | 58801    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.444 | 164  | 45965    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.188 | 188  | 112639   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.418 | 240  | 113403   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.403 | 264  | 125032   | 20.000 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.414  | 112  | 62014    | 88.419 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.000  | 99   | 83578    | 88.675 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.974  | 82   | 94792    | 86.682 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.942 | 330  | 72187    | 86.640 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.069 | 172  | 267175   | 85.677 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.808 | 244  | 514123   | 85.798 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 9778     | 35.246 | ng    | 92       |
| 3) Pyridine                   | 3.715  | 79   | 22435    | 30.091 | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 3.627  | 42   | 22126    | 40.937 | ng    | # 84     |
| 6) Aniline                    | 7.147  | 93   | 53888    | 45.327 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.388  | 128  | 37614    | 43.674 | ng    | 97       |
| 9) Benzaldehyde               | 6.965  | 77   | 36156    | 43.215 | ng    | 93       |
| 10) Phenol                    | 7.029  | 94   | 42594    | 42.839 | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.247  | 93   | 28339    | 42.087 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.711  | 146  | 41865    | 44.437 | ng    | 89       |
| 13) 1,4-Dichlorobenzene       | 7.858  | 146  | 41670    | 44.070 | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.169  | 146  | 40313    | 43.259 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.057  | 79   | 39179    | 45.138 | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.339  | 45   | 40888    | 37.672 | ng    | 98       |
| 17) 2-Methylphenol            | 8.269  | 107  | 32231    | 44.767 | ng    | 96       |
| 18) Hexachloroethane          | 8.892  | 117  | 16062    | 43.036 | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.621  | 70   | 28682    | 45.502 | ng    | # 91     |
| 20) 3+4-Methylphenols         | 8.598  | 107  | 43764    | 43.559 | ng    | 95       |
| 22) Acetophenone              | 8.639  | 105  | 61862    | 43.451 | ng    | # 94     |
| 24) Nitrobenzene              | 9.021  | 77   | 45681    | 41.889 | ng    | 97       |
| 25) Isophorone                | 9.538  | 82   | 83098    | 41.946 | ng    | # 94     |
| 26) 2-Nitrophenol             | 9.726  | 139  | 23843    | 43.930 | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.791  | 122  | 36645    | 44.205 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.020 | 93   | 42902    | 42.484 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.267 | 162  | 42122    | 43.940 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.472 | 180  | 45818    | 43.835 | ng    | 97       |
| 31) Naphthalene               | 10.660 | 128  | 131618   | 43.468 | ng    | 97       |
| 32) Benzoic acid              | 9.961  | 122  | 26292    | 41.310 | ng    | 93       |
| 33) 4-Chloroaniline           | 10.766 | 127  | 48497    | 41.738 | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.942 | 225  | 39674    | 44.321 | ng    | 97       |
| 35) Caprolactam               | 11.559 | 113  | 13863    | 42.243 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.906 | 107  | 50241    | 43.097 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.270 | 142  | 98977    | 42.584 | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.488 | 142  | 97763    | 42.182 | ng    | # 95     |
| 40) 1,2,4,5-Tetrachloroben... | 12.640 | 216  | 61472    | 41.420 | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 12.623 | 237  | 34940    | 45.006 | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 12.887 | 196  | 43274m   | 45.612 | ng    |          |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064547.D  
 Acq On : 20 Oct 2025 12:44  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 16:36:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.963 | 196  | 44631    | 42.137 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.281 | 154  | 137212   | 41.504 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.322 | 162  | 104440   | 42.313 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.528 | 65   | 37118    | 44.061 | ng    | 94       |
| 49) Acenaphthylene            | 14.168 | 152  | 158153   | 43.163 | ng    | 97       |
| 50) Dimethylphthalate         | 13.909 | 163  | 152000   | 42.222 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.027 | 165  | 32112    | 42.820 | ng    | 94       |
| 52) Acenaphthene              | 14.515 | 154  | 106658   | 41.898 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.362 | 138  | 29028    | 41.972 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 14.567 | 184  | 18483    | 33.990 | ng    | 92       |
| 55) Dibenzofuran              | 14.850 | 168  | 179871   | 42.794 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.685 | 139  | 20574    | 37.784 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.820 | 165  | 48459    | 42.271 | ng    | 96       |
| 58) Fluorene                  | 15.496 | 166  | 149180   | 42.692 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.079 | 232  | 46621    | 43.129 | ng    | 97       |
| 60) Diethylphthalate          | 15.273 | 149  | 164785   | 42.669 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.490 | 204  | 81170    | 42.549 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.519 | 138  | 31076    | 43.111 | ng    | 95       |
| 63) Azobenzene                | 15.784 | 77   | 123898   | 41.425 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.584 | 198  | 32740    | 41.746 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.707 | 169  | 127857   | 42.507 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.383 | 248  | 57057    | 43.046 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.500 | 284  | 66733    | 43.997 | ng    | 98       |
| 69) Atrazine                  | 16.659 | 200  | 54086    | 40.416 | ng    | 97       |
| 70) Pentachlorophenol         | 16.847 | 266  | 37971    | 42.817 | ng    | 97       |
| 71) Phenanthrene              | 17.235 | 178  | 247916   | 42.087 | ng    | 99       |
| 72) Anthracene                | 17.323 | 178  | 254501   | 43.067 | ng    | 98       |
| 73) Carbazole                 | 17.599 | 167  | 216198   | 42.326 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.157 | 149  | 264589   | 42.433 | ng    | 99       |
| 75) Fluoranthene              | 19.244 | 202  | 294741   | 41.884 | ng    | 98       |
| 77) Benzidine                 | 19.432 | 184  | 134588   | 47.695 | ng    | 99       |
| 78) Pyrene                    | 19.609 | 202  | 307402   | 41.769 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.502 | 149  | 112428   | 43.094 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.401 | 228  | 308599   | 42.619 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.324 | 252  | 103237   | 42.125 | ng    | 98       |
| 83) Chrysene                  | 21.465 | 228  | 291852   | 42.501 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.318 | 149  | 160868   | 43.703 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.446 | 149  | 271723   | 43.922 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.770 | 276  | 374535   | 43.035 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.463 | 252  | 304295   | 42.780 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.528 | 252  | 314452   | 43.893 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.268 | 252  | 284628   | 43.417 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.823 | 278  | 301308   | 43.292 | ng    | # 97     |
| 92) Benzo(g,h,i)perylene      | 28.821 | 276  | 289782   | 42.845 | ng    | 97       |

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

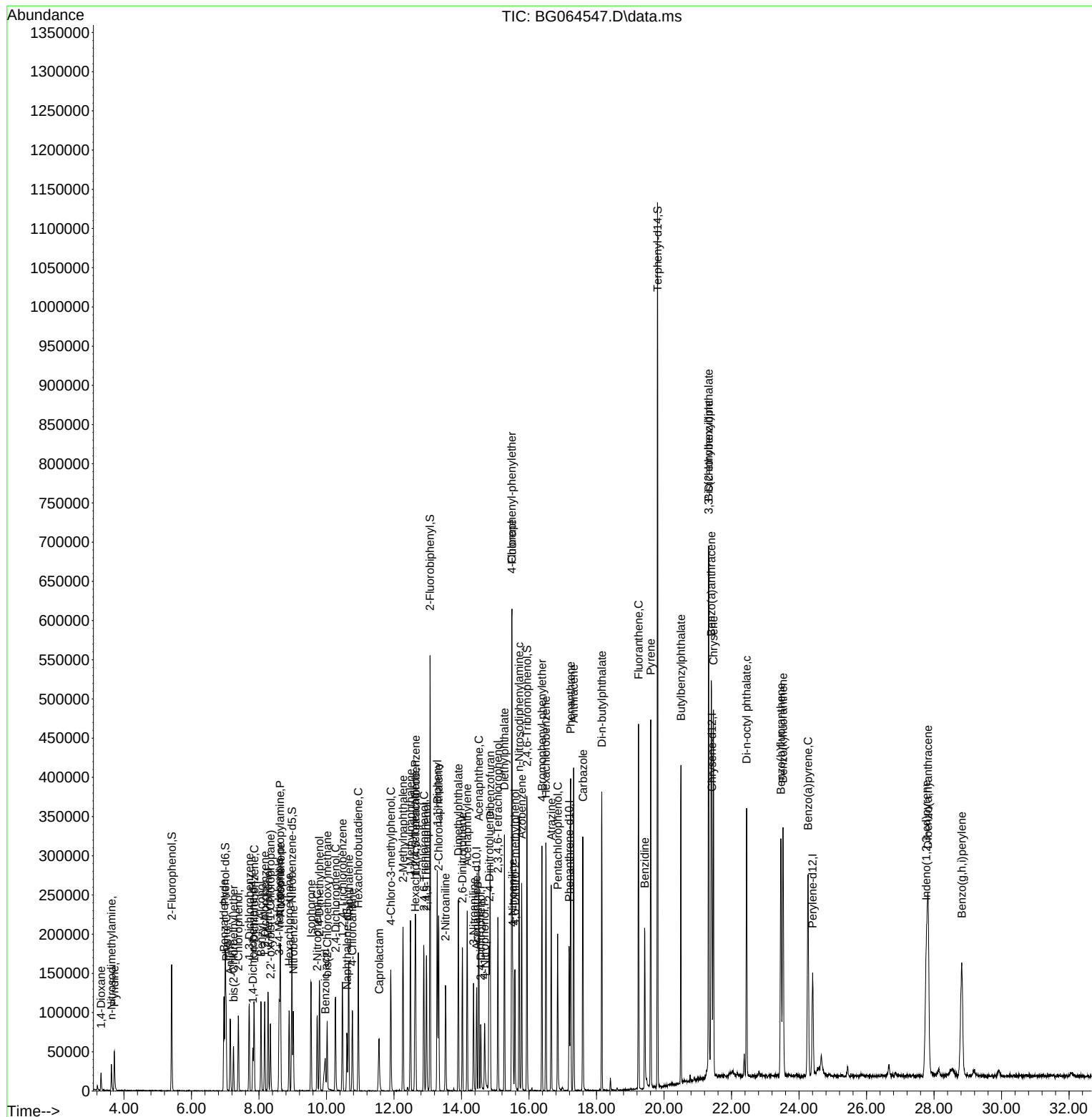
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Acq On    : 20 Oct 2025 12:44  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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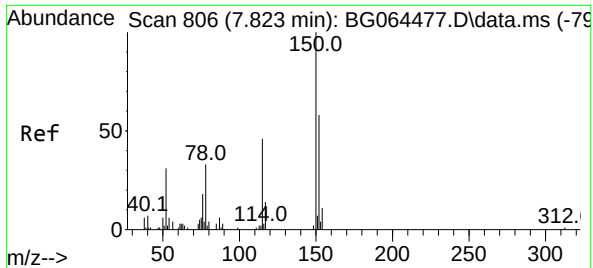
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDCCC040

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

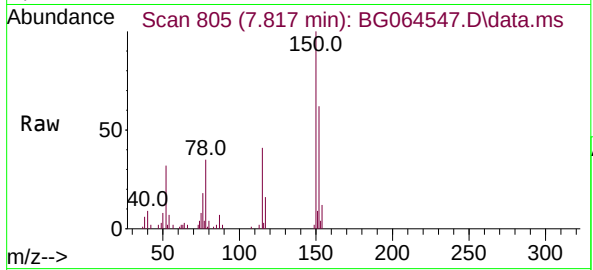
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.817 min Scan# 80  
Delta R.T. -0.003 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

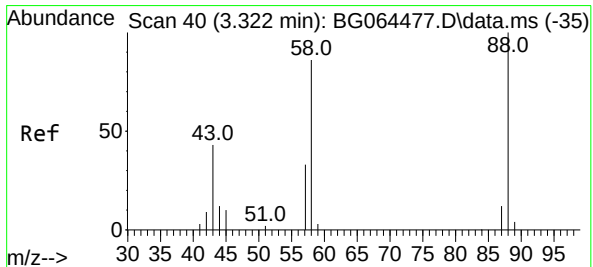
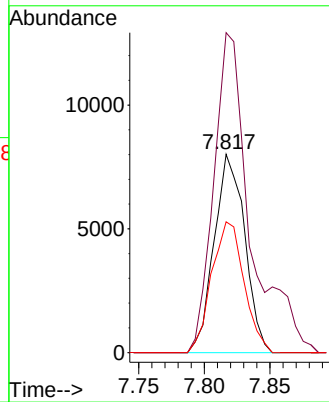
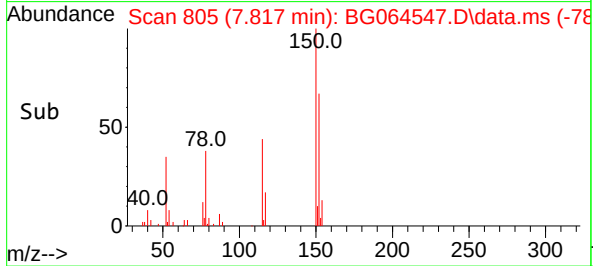
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 12980  
Ion Ratio Lower Upper  
152 100  
150 161.4 138.6 207.8  
115 66.0 63.4 95.2

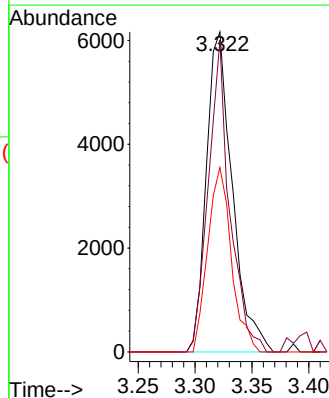
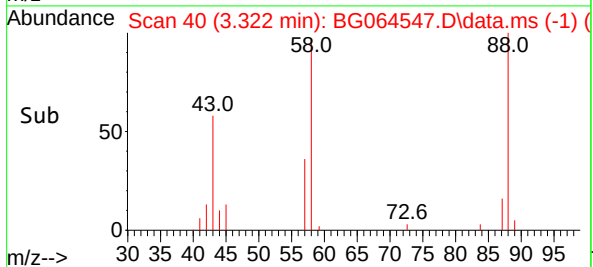
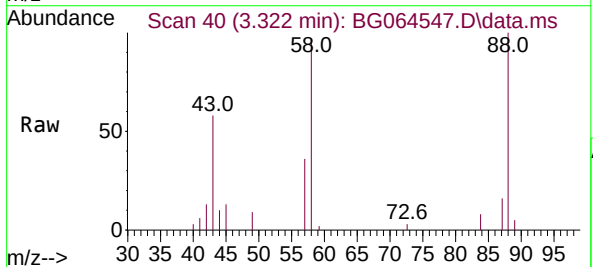
Manual Integrations  
APPROVED

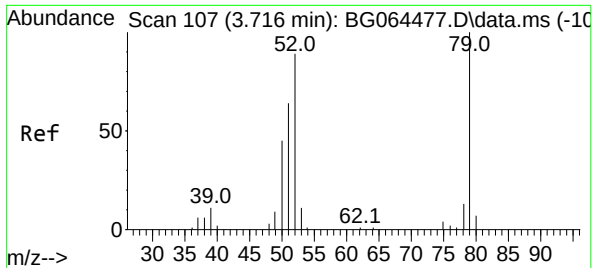
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#2  
1,4-Dioxane  
Concen: 35.246 ng  
RT: 3.322 min Scan# 40  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

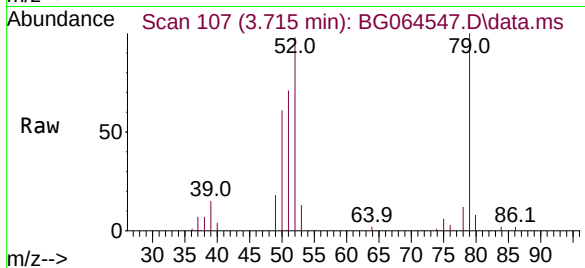
Tgt Ion: 88 Resp: 9778  
Ion Ratio Lower Upper  
88 100  
58 80.8 69.8 104.6  
43 52.7 37.4 56.0





#3  
Pyridine  
Concen: 30.091 ng  
RT: 3.715 min Scan# 107  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

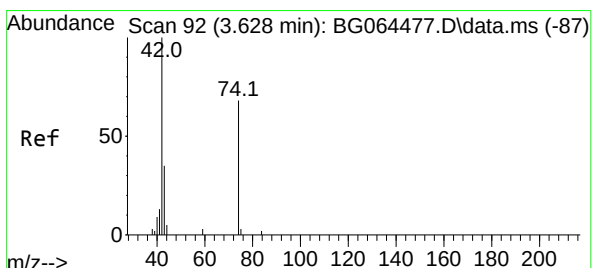
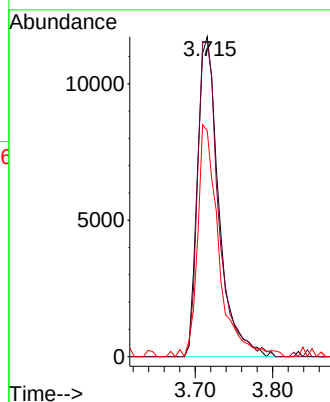
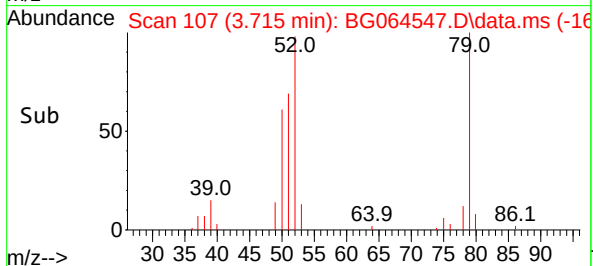
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 22435  
Ion Ratio Lower Upper  
79 100  
52 98.3 71.0 106.4  
51 70.5 51.0 76.6

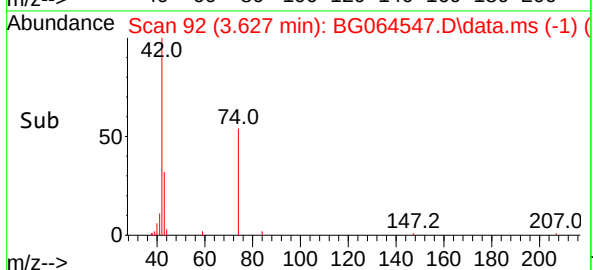
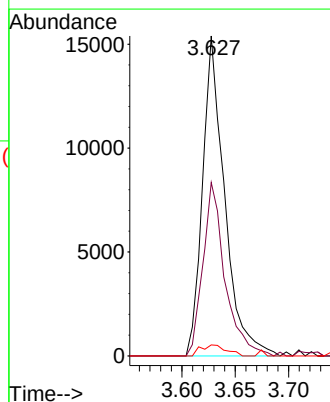
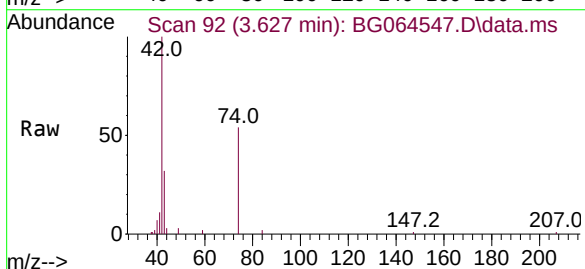
Manual Integrations  
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Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

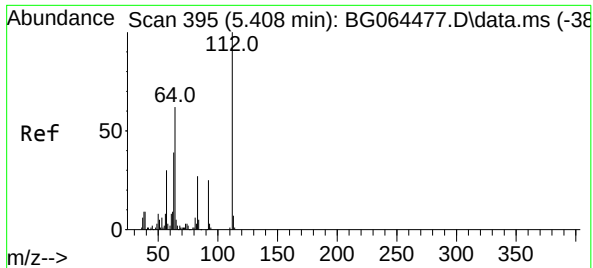


#4  
n-Nitrosodimethylamine  
Concen: 40.937 ng  
RT: 3.627 min Scan# 92  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion: 42 Resp: 22126  
Ion Ratio Lower Upper  
42 100  
74 54.2 54.2 81.4#  
44 3.4 4.2 6.2#







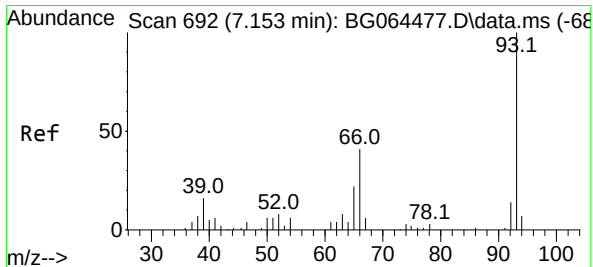
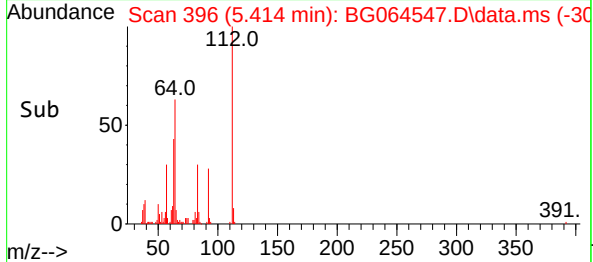
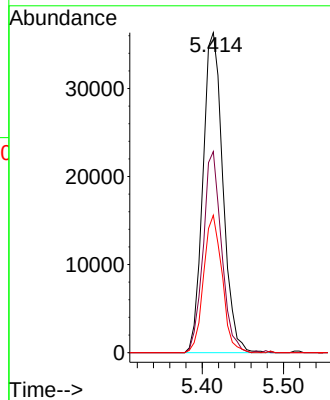
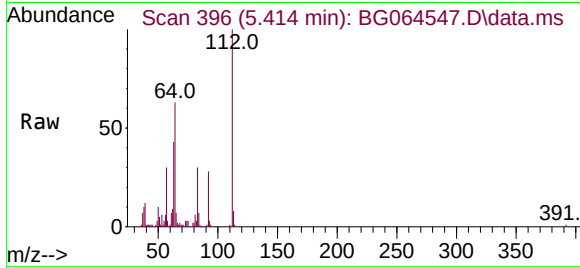
#5  
2-Fluorophenol  
Concen: 88.419 ng  
RT: 5.414 min Scan# 395  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:112 Resp: 62014  
Ion Ratio Lower Upper  
112 100  
64 62.8 49.8 74.8  
63 42.9 31.3 46.9

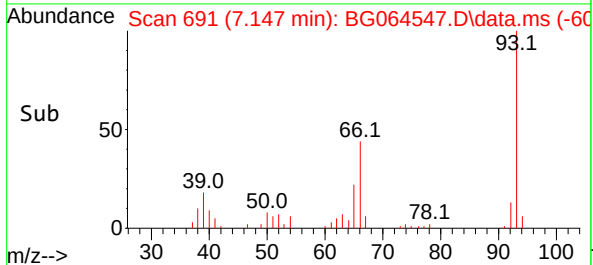
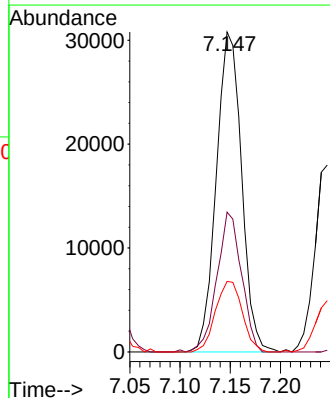
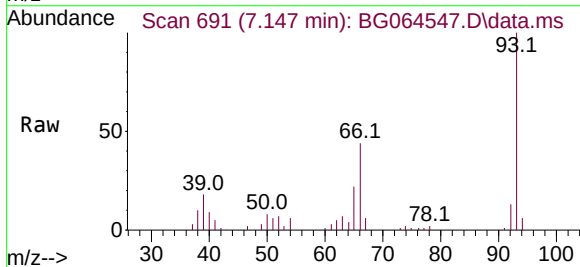
Manual Integrations  
APPROVED

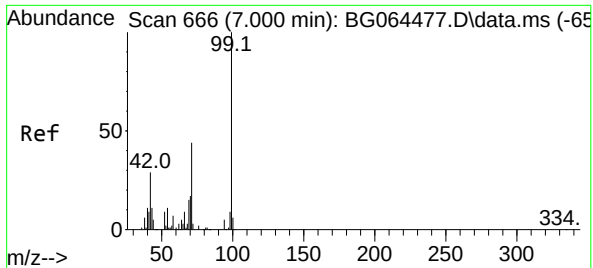
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#6  
Aniline  
Concen: 45.327 ng  
RT: 7.147 min Scan# 691  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion: 93 Resp: 53888  
Ion Ratio Lower Upper  
93 100  
66 43.7 33.0 49.4  
65 22.0 17.5 26.3





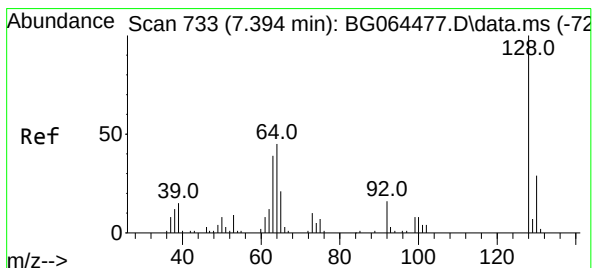
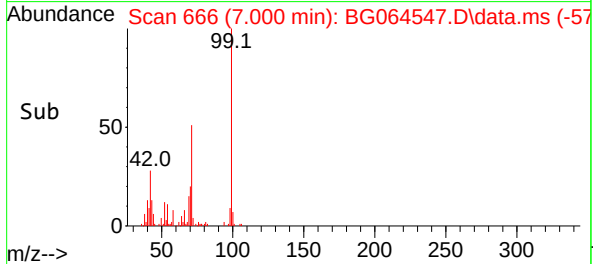
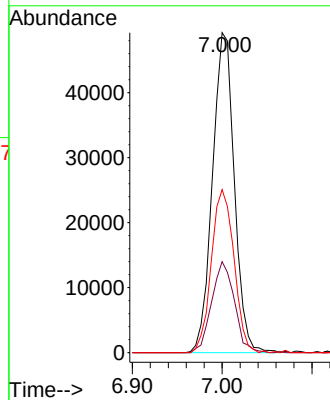
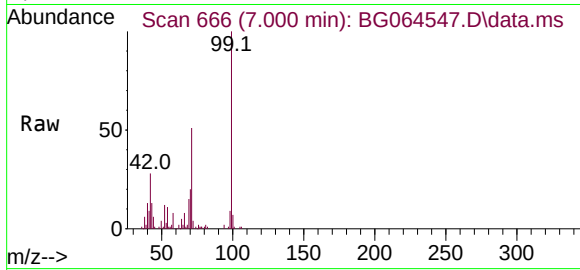
#7  
Phenol-d6  
Concen: 88.675 ng  
RT: 7.000 min Scan# 60  
Delta R.T. 0.014 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 83578  
Ion Ratio Lower Upper  
99 100  
42 28.4 22.9 34.3  
71 50.9 35.4 53.2

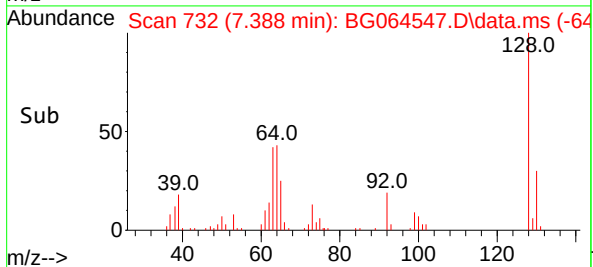
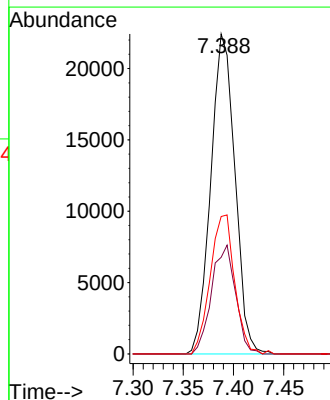
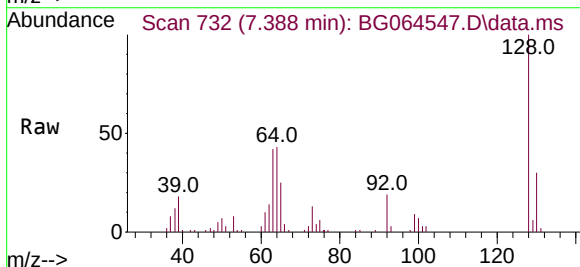
Manual Integrations  
APPROVED

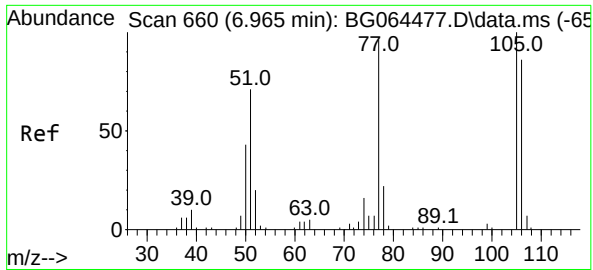
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#8  
2-Chlorophenol  
Concen: 43.674 ng  
RT: 7.388 min Scan# 732  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:128 Resp: 37614  
Ion Ratio Lower Upper  
128 100  
130 30.2 9.2 49.2  
64 42.9 25.5 65.5





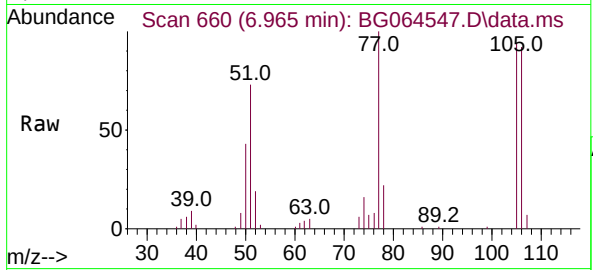
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Benzaldehyde  
Concen: 43.215 ng  
RT: 6.965 min Scan# 660  
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Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



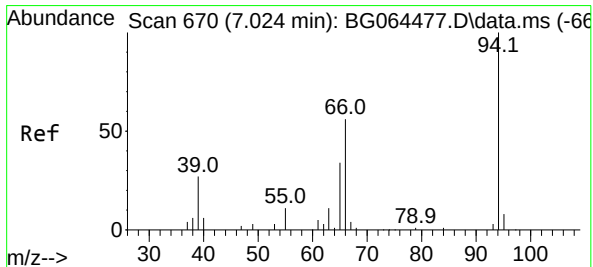
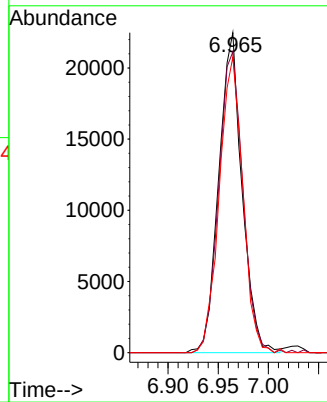
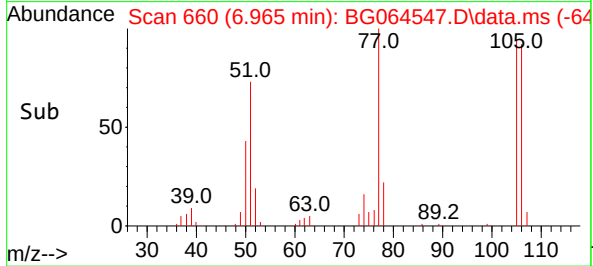
Tgt Ion: 77 Resp: 36156  
Ion Ratio Lower Upper  
77 100  
105 94.0 83.7 123.7  
106 92.4 69.4 109.4

Manual Integrations

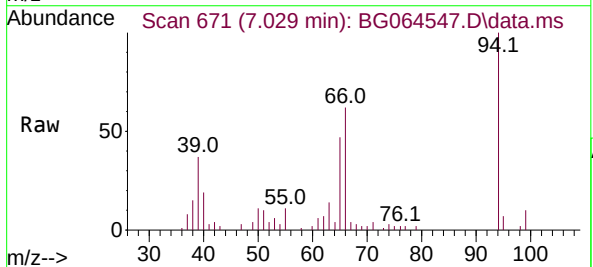
APPROVED

Reviewed By :Rahul Chavli 10/21/2025

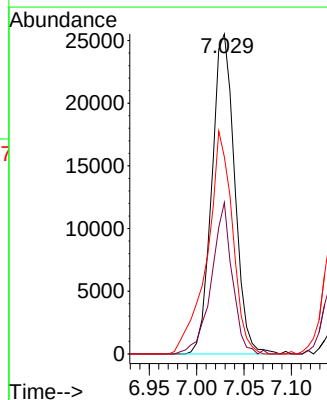
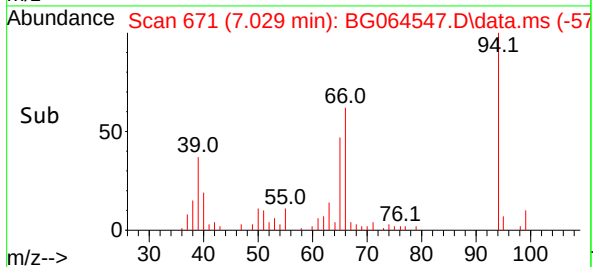
Supervised By :Jagrut Upadhyay 10/21/2025

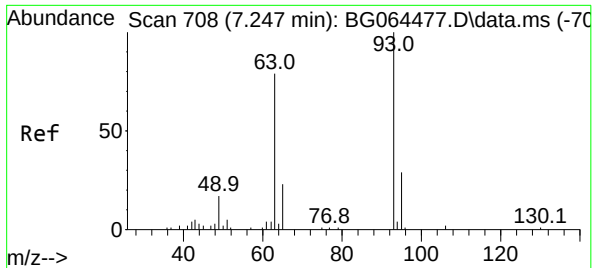


#10  
Phenol  
Concen: 42.839 ng  
RT: 7.029 min Scan# 671  
Delta R.T. 0.014 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



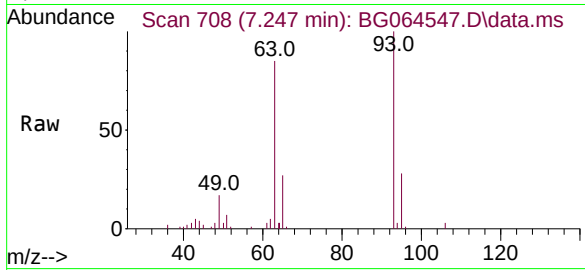
Tgt Ion: 94 Resp: 42594  
Ion Ratio Lower Upper  
94 100  
65 47.3 14.8 54.8  
66 61.5 41.4 81.4





#11  
bis(2-Chloroethyl)ether  
Concen: 42.087 ng  
RT: 7.247 min Scan# 708  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

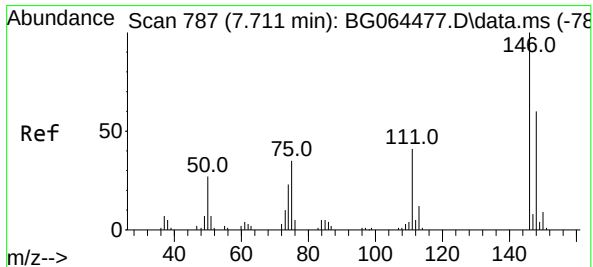
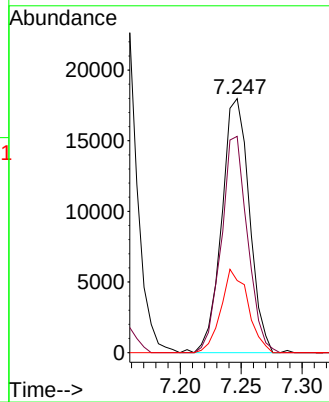
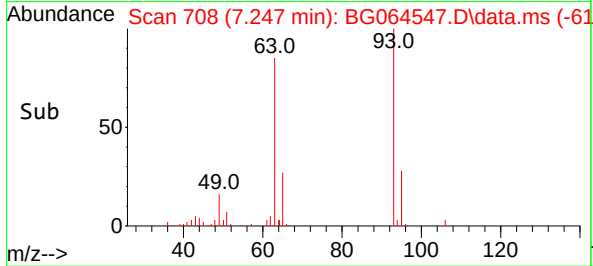
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



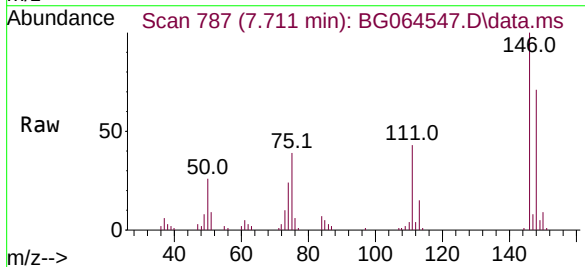
Tgt Ion: 93 Resp: 28339  
Ion Ratio Lower Upper  
93 100  
63 85.1 59.5 99.5  
95 28.4 8.8 48.8

Manual Integrations  
APPROVED

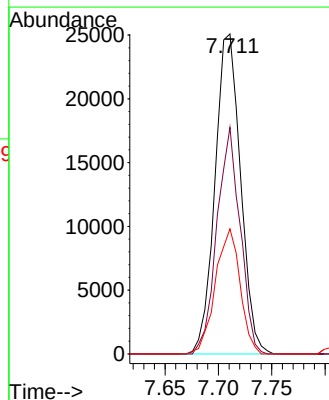
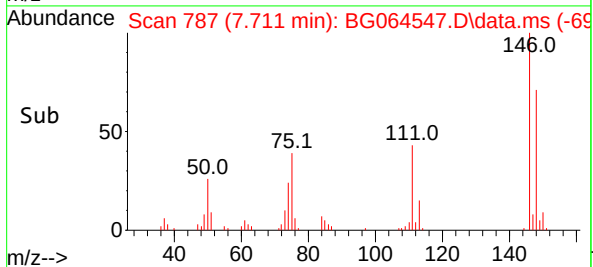
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

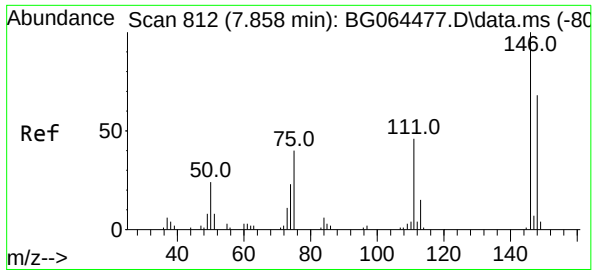


#12  
1,3-Dichlorobenzene  
Concen: 44.437 ng  
RT: 7.711 min Scan# 787  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



Tgt Ion:146 Resp: 41865  
Ion Ratio Lower Upper  
146 100  
148 70.8 48.4 72.6  
75 39.1 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 44.070 ng

RT: 7.858 min Scan# 812

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 41670

Ion Ratio Lower Upper

146 100

148 61.2 54.4 81.6

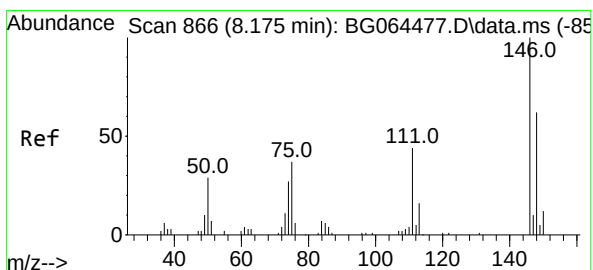
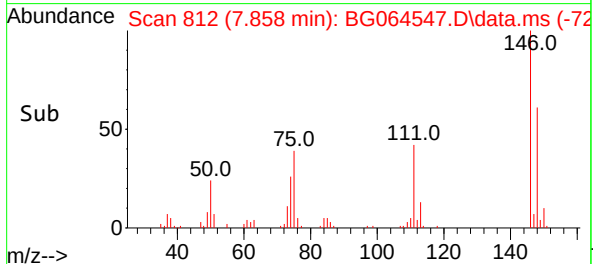
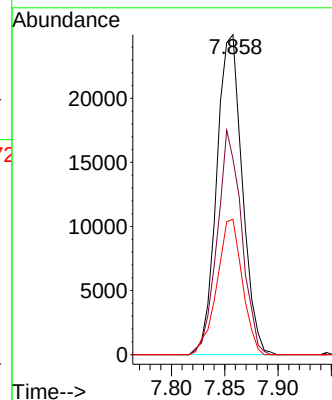
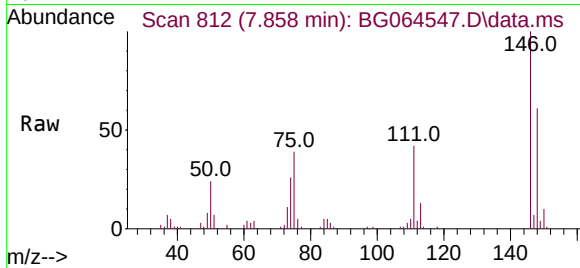
111 42.3 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#14

1,2-Dichlorobenzene

Concen: 43.259 ng

RT: 8.169 min Scan# 865

Delta R.T. -0.004 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

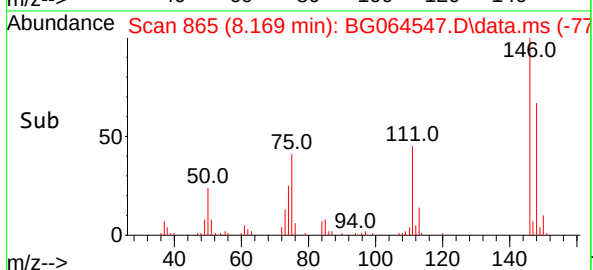
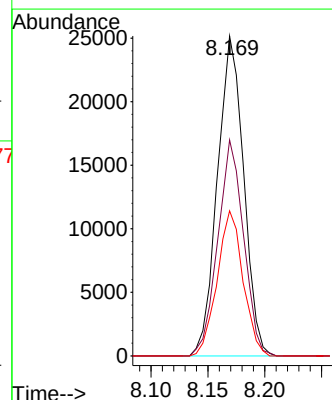
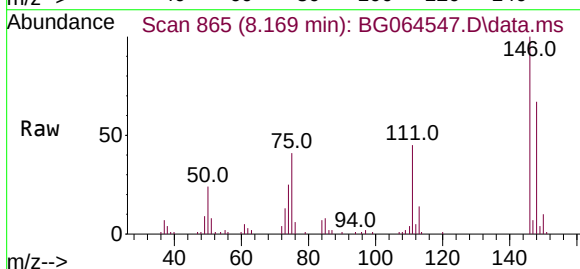
Tgt Ion:146 Resp: 40313

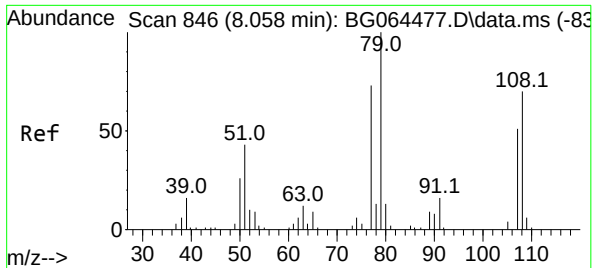
Ion Ratio Lower Upper

146 100

148 67.5 50.0 75.0

111 45.3 35.0 52.4





#15

Benzyl Alcohol

Concen: 45.138 ng

RT: 8.057 min Scan# 84

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 39179

Ion Ratio Lower Upper

79 100

108 65.4 56.4 84.6

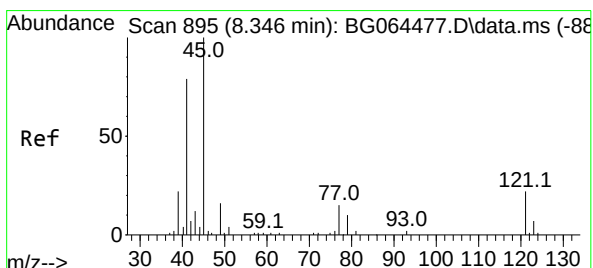
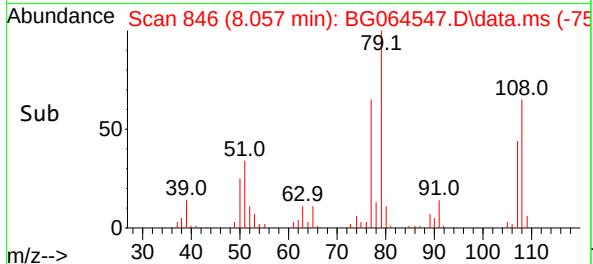
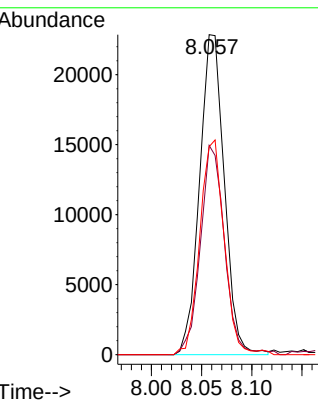
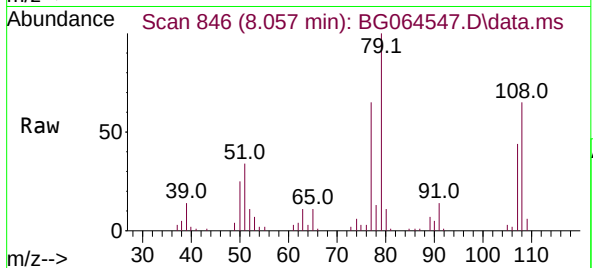
77 65.0 58.3 87.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.672 ng

RT: 8.339 min Scan# 894

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

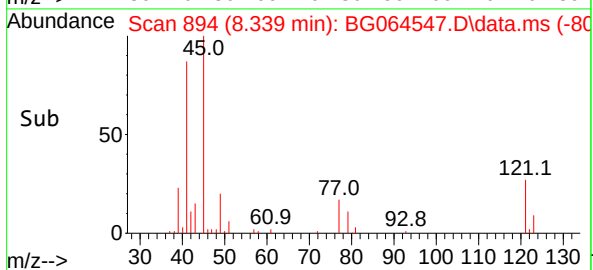
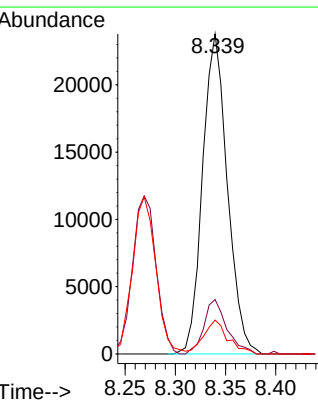
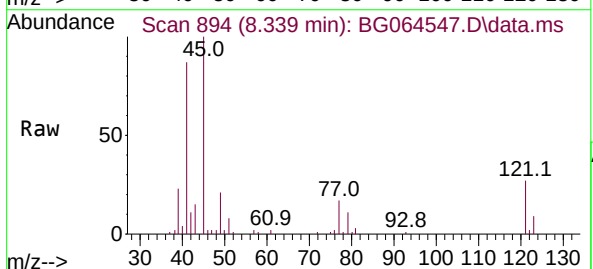
Tgt Ion: 45 Resp: 40888

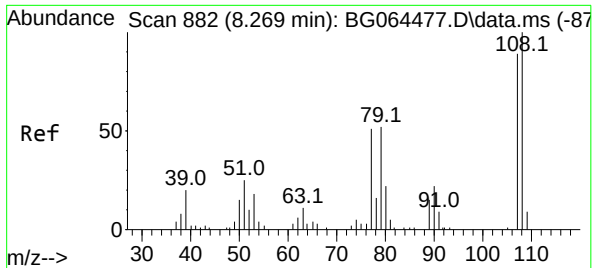
Ion Ratio Lower Upper

45 100

77 17.0 0.0 35.6

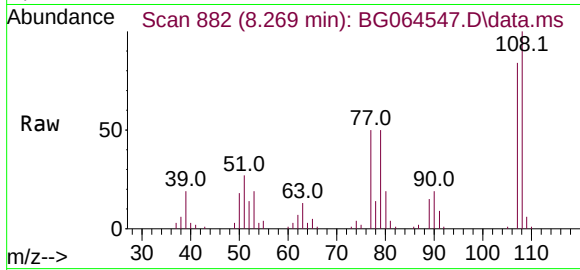
79 10.6 0.0 30.7





#17  
2-Methylphenol  
Concen: 44.767 ng  
RT: 8.269 min Scan# 882  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

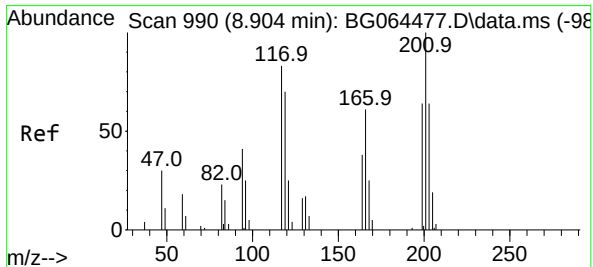
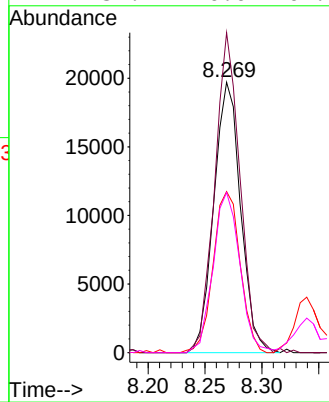
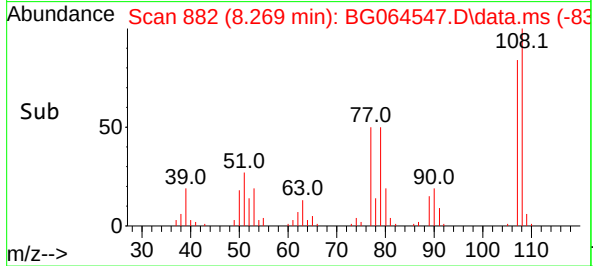
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:107 Resp: 32231  
Ion Ratio Lower Upper  
107 100  
108 118.4 90.3 135.5  
77 59.6 46.0 69.0  
79 59.2 46.6 69.8

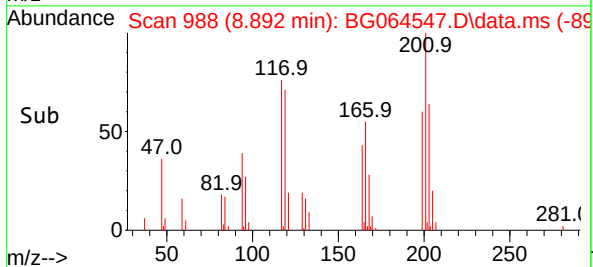
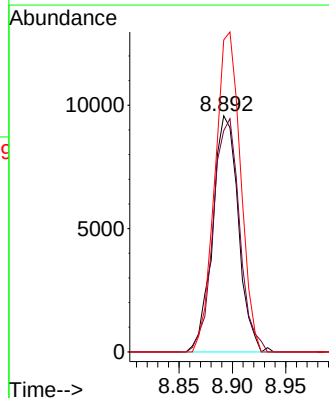
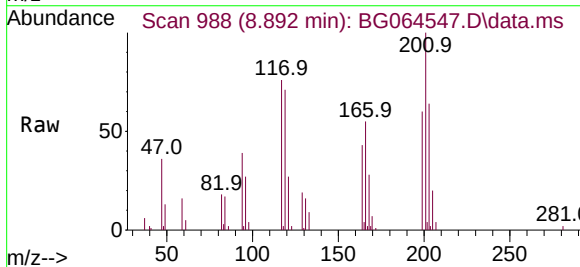
Manual Integrations  
APPROVED

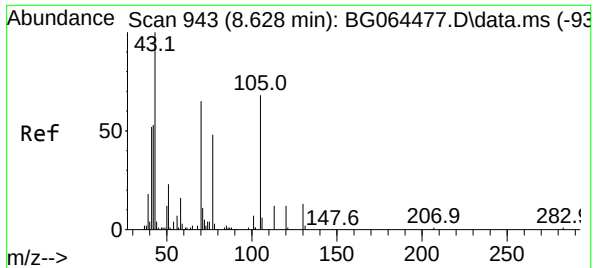
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#18  
Hexachloroethane  
Concen: 43.036 ng  
RT: 8.892 min Scan# 988  
Delta R.T. -0.004 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

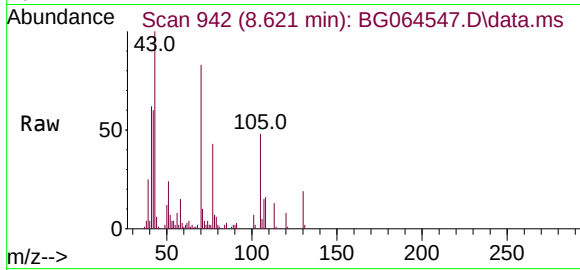
Tgt Ion:117 Resp: 16062  
Ion Ratio Lower Upper  
117 100  
119 93.7 67.4 101.0  
201 132.2 95.9 143.9





#19  
n-Nitroso-di-n-propylamine  
Concen: 45.502 ng  
RT: 8.621 min Scan# 94  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

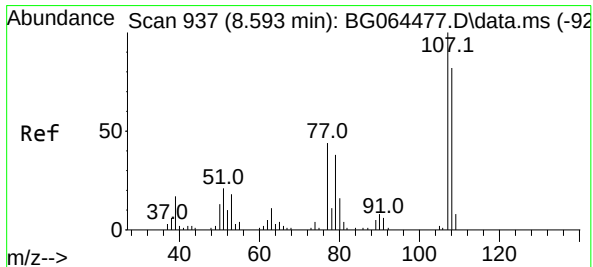
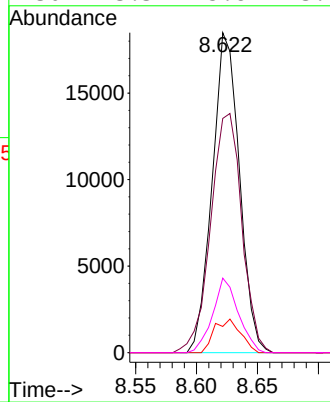
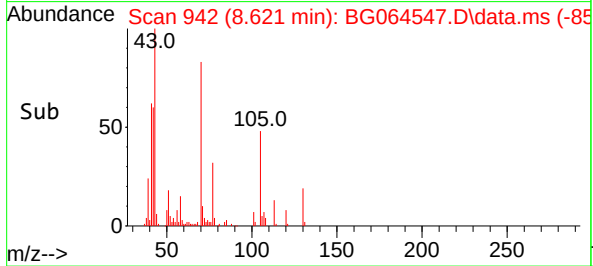
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 70 Resp: 28682  
Ion Ratio Lower Upper  
70 100  
42 73.2 64.9 97.3  
101 8.2 8.7 13.1  
130 23.3 15.8 23.8

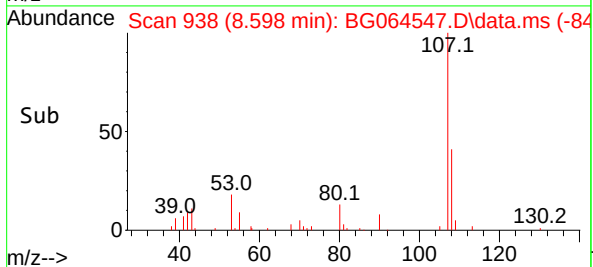
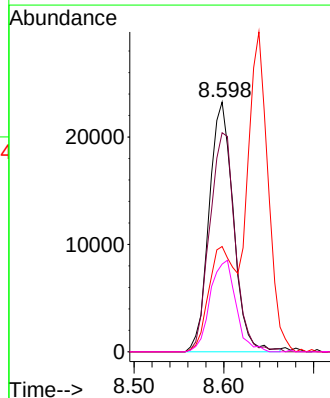
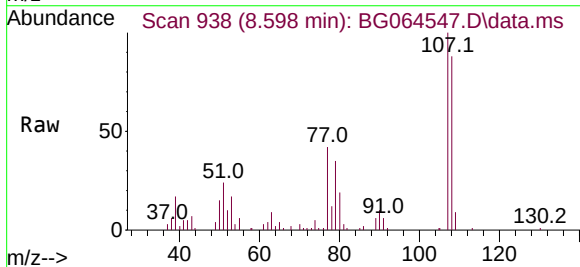
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

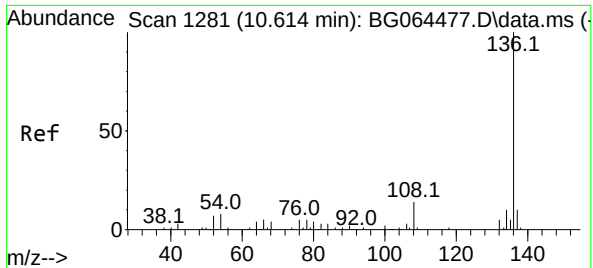


#20  
3+4-Methylphenols  
Concen: 43.559 ng  
RT: 8.598 min Scan# 938  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:107 Resp: 43764  
Ion Ratio Lower Upper  
107 100  
108 87.7 62.1 102.1  
77 42.2 23.5 63.5  
79 35.1 17.8 57.8







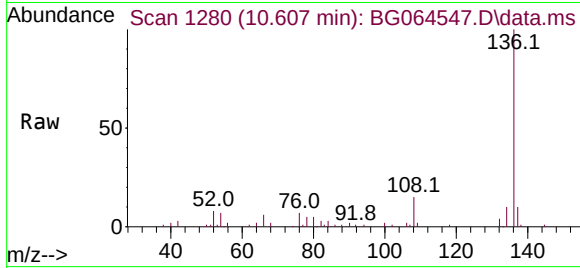
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.607 min Scan# 1281  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

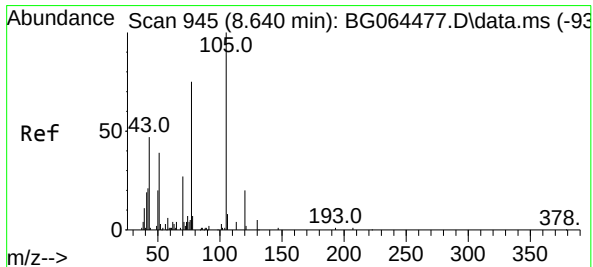
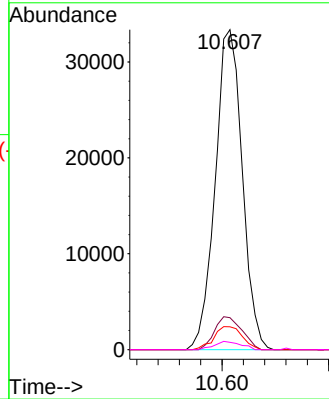
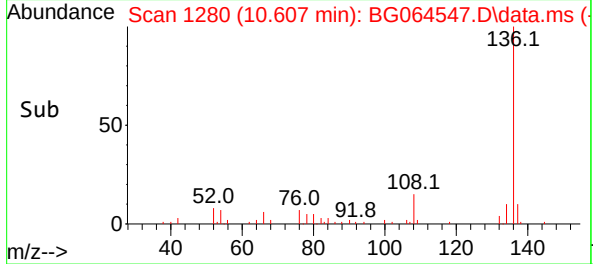


Tgt Ion:136 Resp: 58801  
Ion Ratio Lower Upper  
136 100  
137 10.0 8.3 12.5  
54 7.1 6.2 9.4  
68 2.3 3.0 4.4#

Manual Integrations

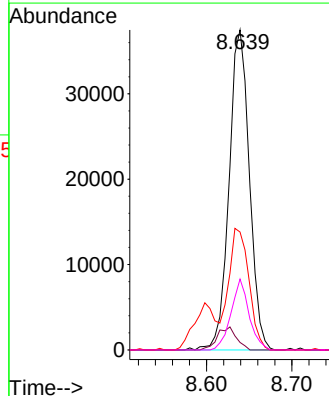
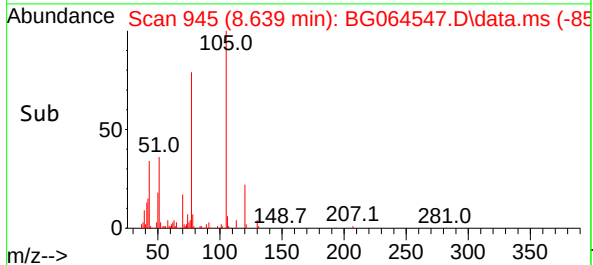
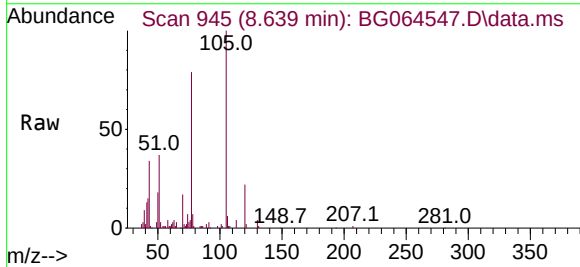
APPROVED

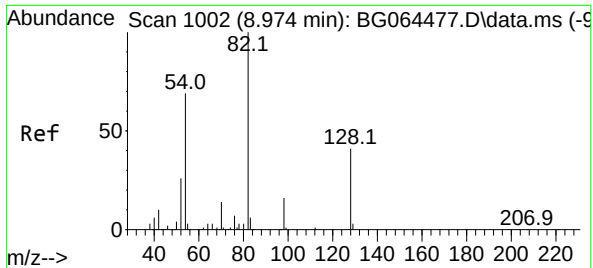
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#22  
Acetophenone  
Concen: 43.451 ng  
RT: 8.639 min Scan# 945  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

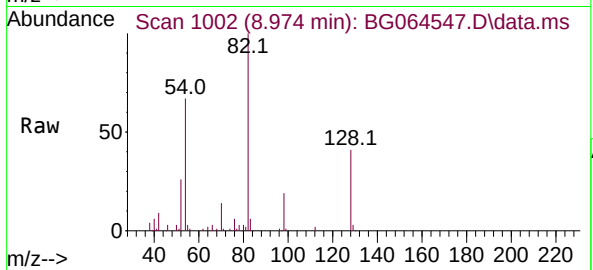
Tgt Ion:105 Resp: 61862  
Ion Ratio Lower Upper  
105 100  
71 2.3 2.8 4.2#  
51 36.8 33.0 49.4  
120 22.1 15.8 23.6





#23  
Nitrobenzene-d5  
Concen: 86.682 ng  
RT: 8.974 min Scan# 1002  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

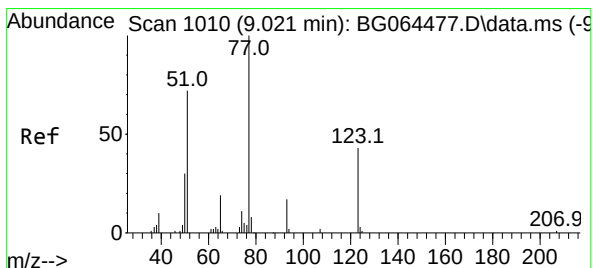
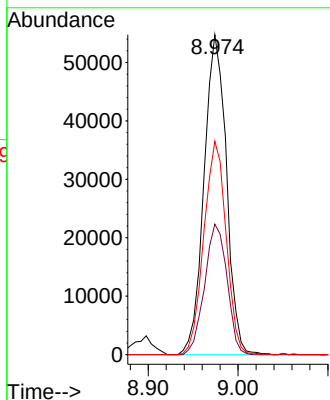
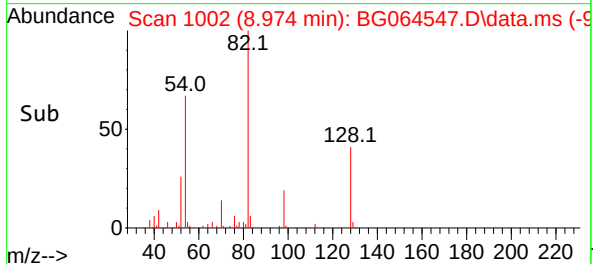
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 94792  
Ion Ratio Lower Upper  
82 100  
128 40.8 33.1 49.7  
54 66.7 55.4 83.2

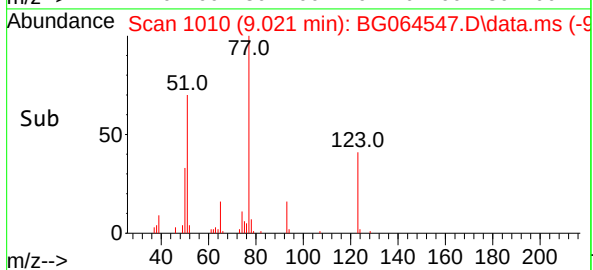
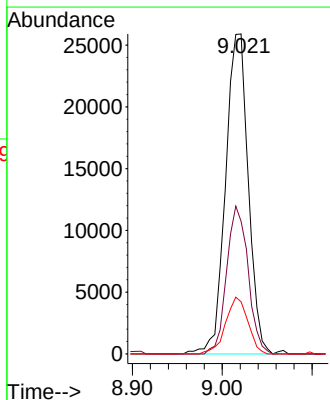
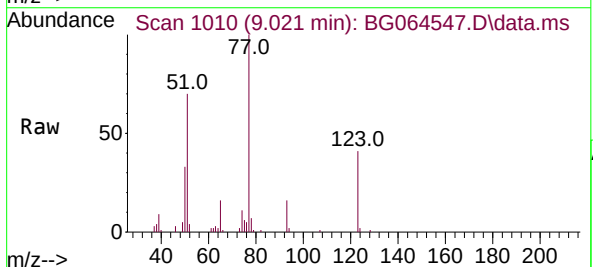
Manual Integrations  
APPROVED

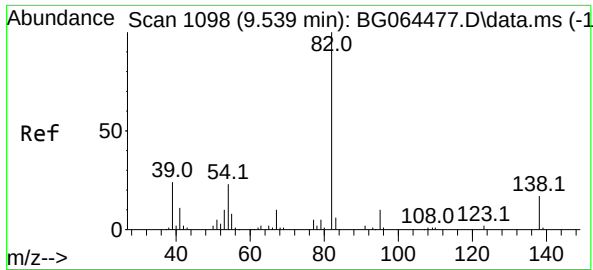
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#24  
Nitrobenzene  
Concen: 41.889 ng  
RT: 9.021 min Scan# 1010  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion: 77 Resp: 45681  
Ion Ratio Lower Upper  
77 100  
123 41.4 34.4 51.6  
65 16.3 14.8 22.2





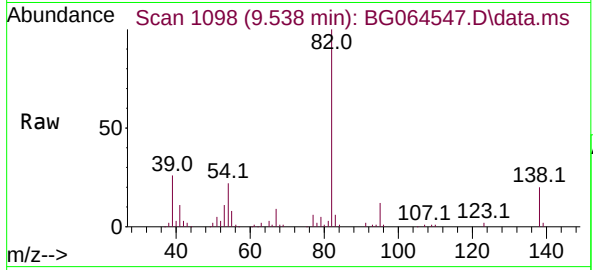
#25  
Isophorone  
Concen: 41.946 ng  
RT: 9.538 min Scan# 1098  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



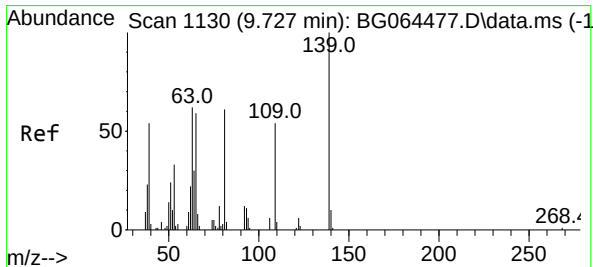
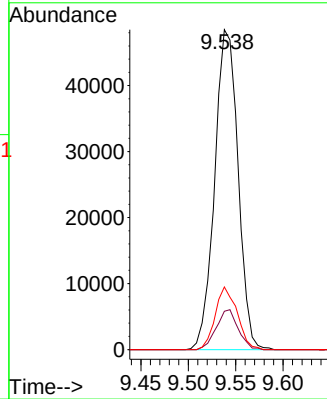
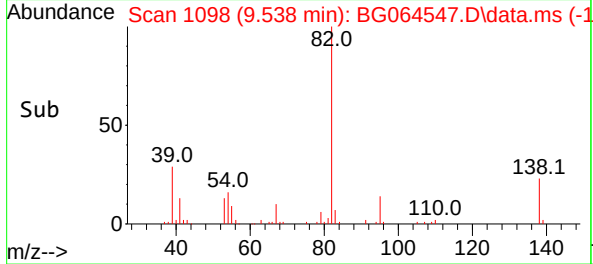
Tgt Ion: 82 Resp: 83098  
Ion Ratio Lower Upper  
82 100  
95 12.0 7.8 11.8  
138 19.6 13.8 20.6

Manual Integrations

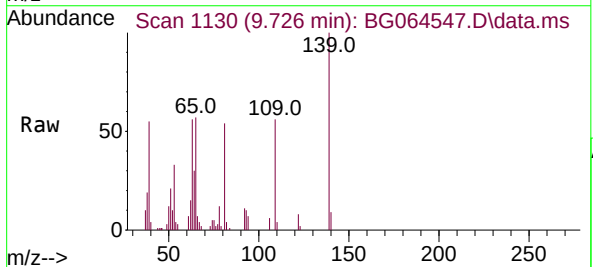
APPROVED

Reviewed By :Rahul Chavli 10/21/2025

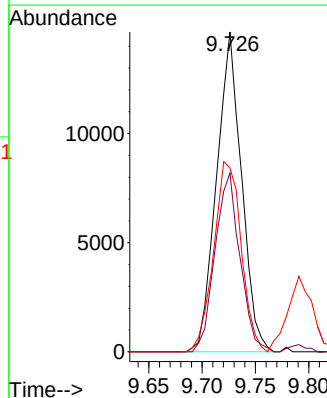
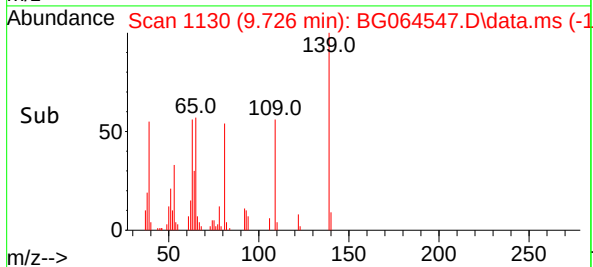
Supervised By :Jagrut Upadhyay 10/21/2025

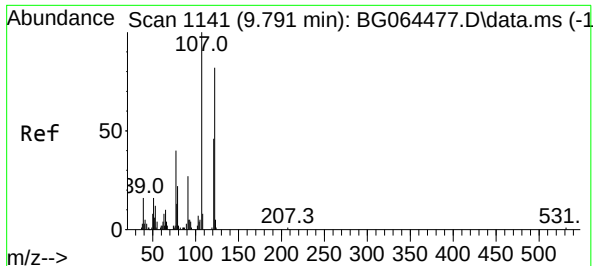


#26  
2-Nitrophenol  
Concen: 43.930 ng  
RT: 9.726 min Scan# 1130  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



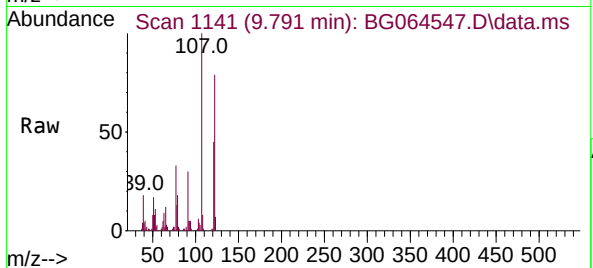
Tgt Ion:139 Resp: 23843  
Ion Ratio Lower Upper  
139 100  
109 55.9 43.0 64.6  
65 57.5 47.4 71.2





#27  
2,4-Dimethylphenol  
Concen: 44.205 ng  
RT: 9.791 min Scan# 1141  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

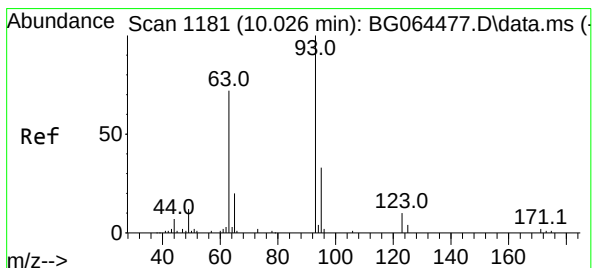
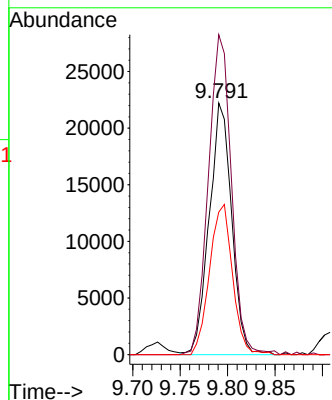
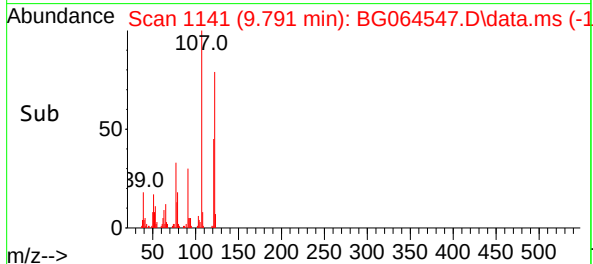
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 122 Resp: 36645  
Ion Ratio Lower Upper  
122 100  
107 127.2 98.3 147.5  
121 56.6 44.7 67.1

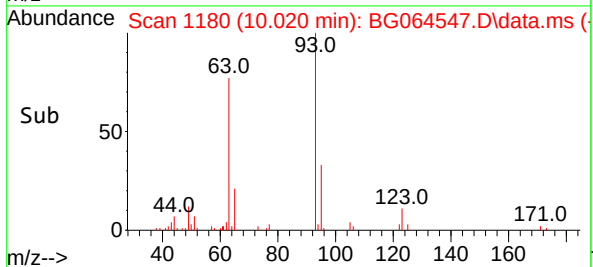
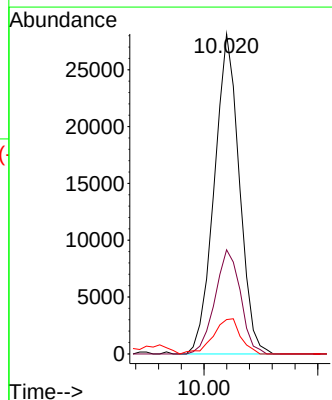
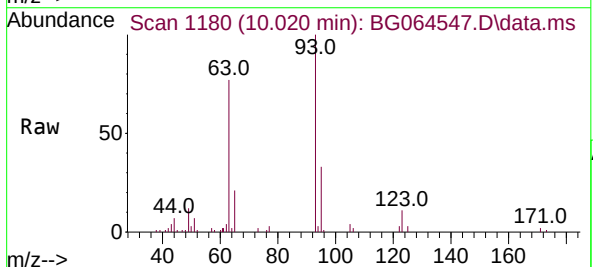
Manual Integrations  
APPROVED

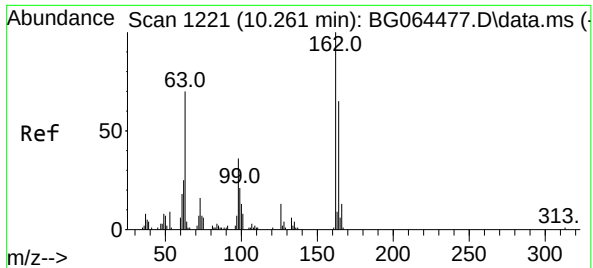
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.484 ng  
RT: 10.020 min Scan# 1180  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion: 93 Resp: 42902  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.5 39.7  
123 10.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 43.940 ng

RT: 10.267 min Scan# 1221

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

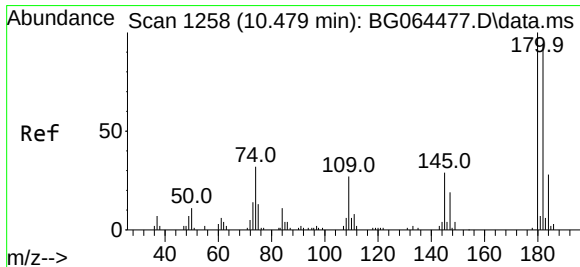
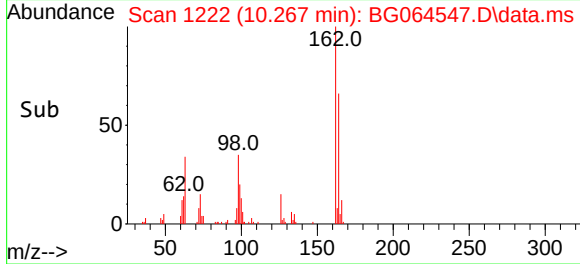
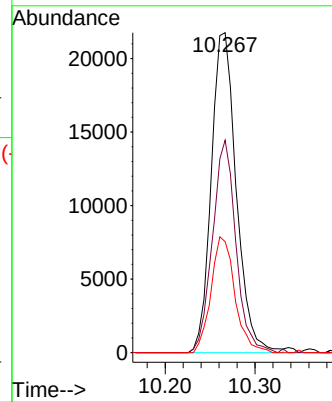
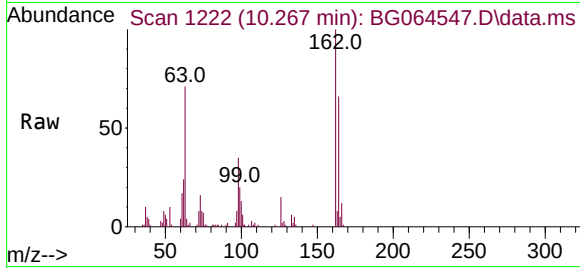
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 4212      |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 66.4  | 45.4 85.4 |
| 98          | 34.7  | 16.4 56.4 |

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.835 ng

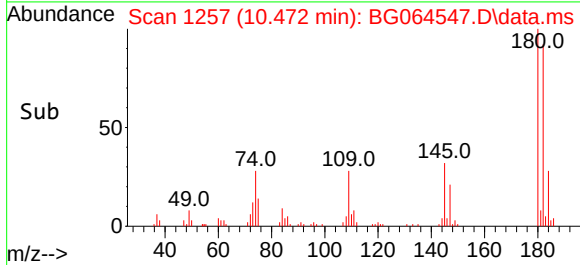
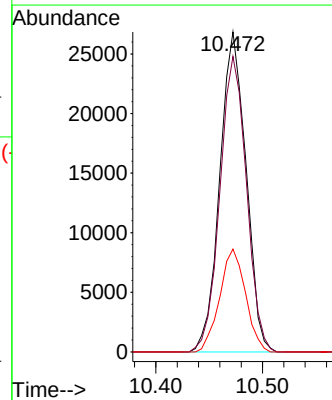
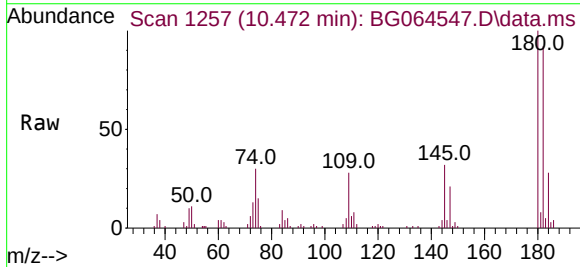
RT: 10.472 min Scan# 1257

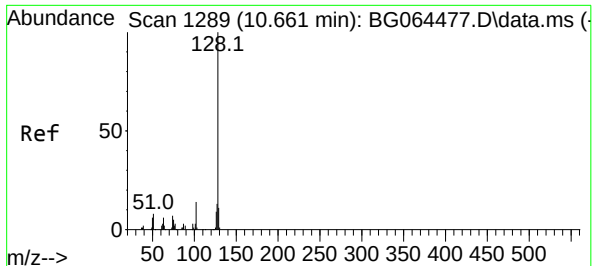
Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 45818      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 92.3  | 75.4 113.2 |
| 145         | 32.1  | 23.2 34.8  |





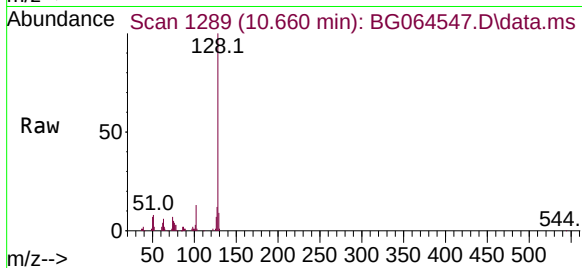
#31  
Naphthalene  
Concen: 43.468 ng  
RT: 10.660 min Scan# 1170  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



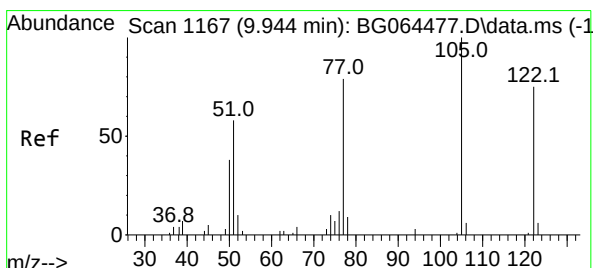
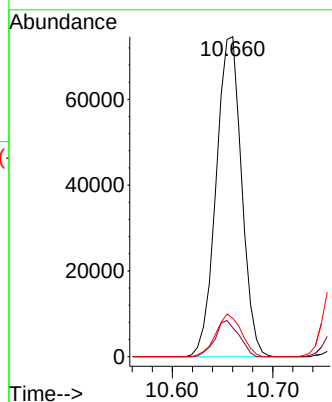
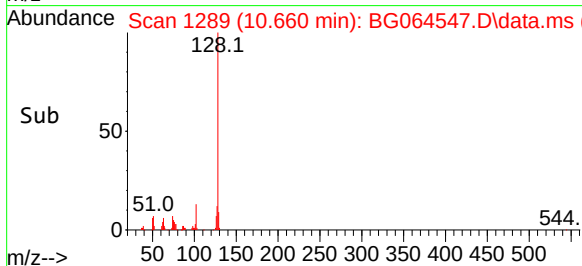
Tgt Ion:128 Resp: 131618  
Ion Ratio Lower Upper  
128 100  
129 9.0 8.7 13.1  
127 11.9 10.2 15.2

Manual Integrations

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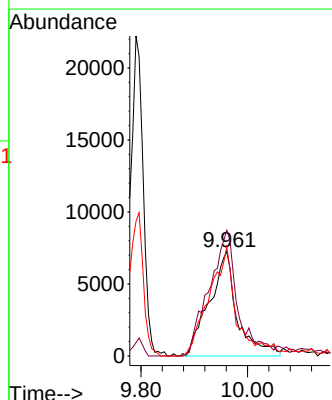
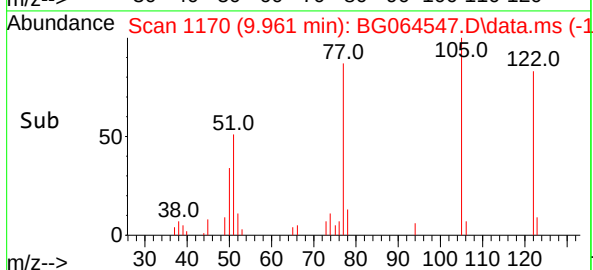
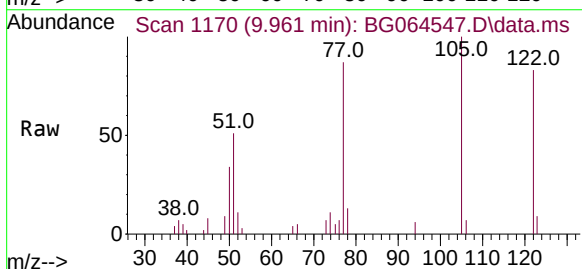
Reviewed By :Rahul Chavli 10/21/2025

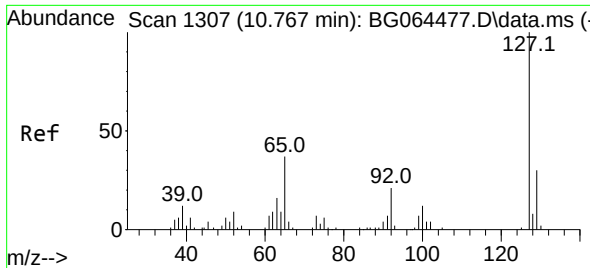
Supervised By :Jagrut Upadhyay 10/21/2025



#32  
Benzoic acid  
Concen: 41.310 ng  
RT: 9.961 min Scan# 1170  
Delta R.T. 0.072 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:122 Resp: 26292  
Ion Ratio Lower Upper  
122 100  
105 120.6 113.9 153.9  
77 104.4 86.1 126.1





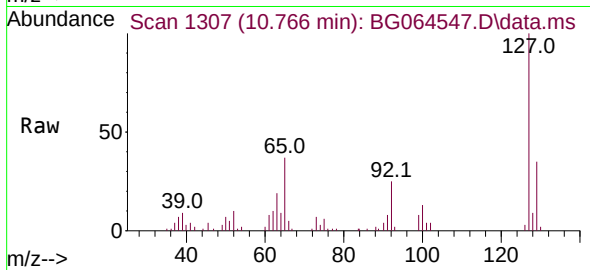
#33  
4-Chloroaniline  
Concen: 41.738 ng  
RT: 10.766 min Scan# 1307  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

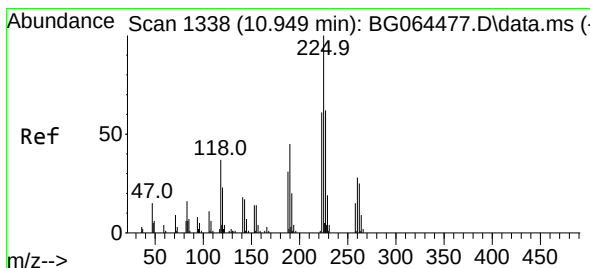
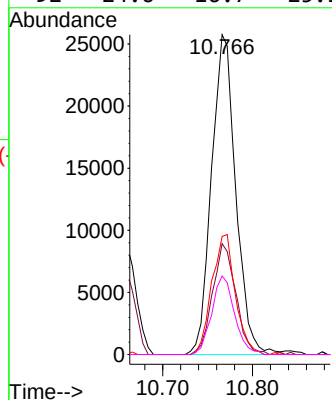
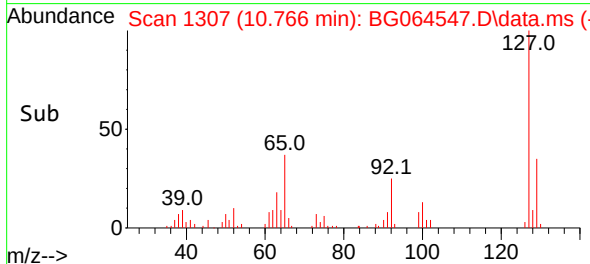


Tgt Ion:127 Resp: 48497  
Ion Ratio Lower Upper  
127 100  
129 34.7 24.2 36.4  
65 36.9 29.6 44.4  
92 24.6 16.7 25.1

Manual Integrations

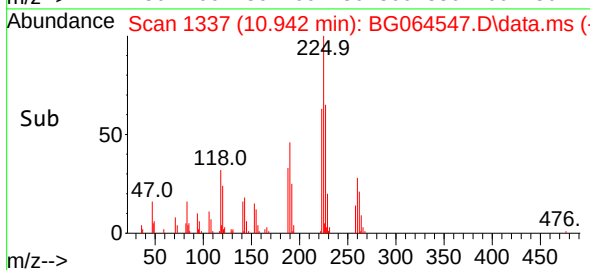
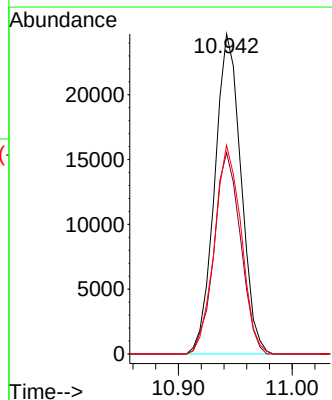
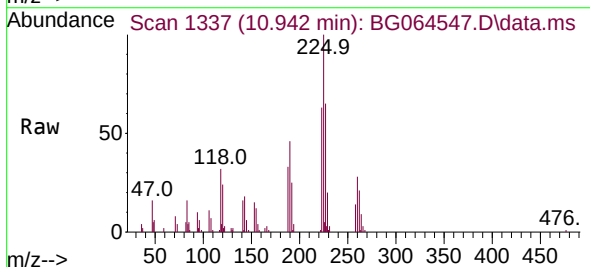
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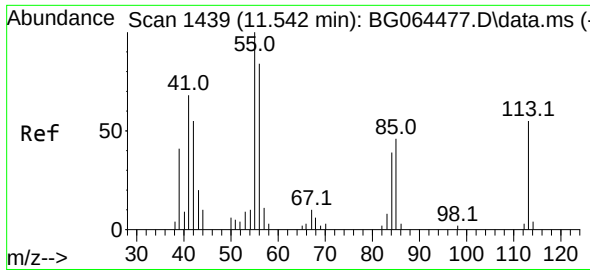
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#34  
Hexachlorobutadiene  
Concen: 44.321 ng  
RT: 10.942 min Scan# 1337  
Delta R.T. -0.004 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

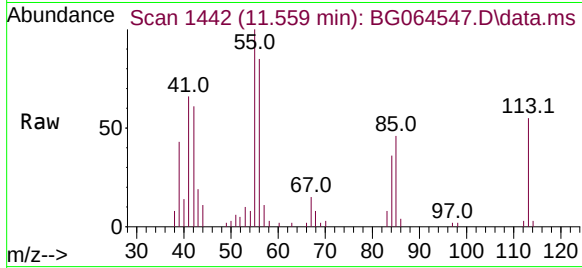
Tgt Ion:225 Resp: 39674  
Ion Ratio Lower Upper  
225 100  
223 62.9 49.0 73.6  
227 65.2 49.9 74.9





#35  
Caprolactam  
Concen: 42.243 ng  
RT: 11.559 min Scan# 1439  
Delta R.T. 0.049 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

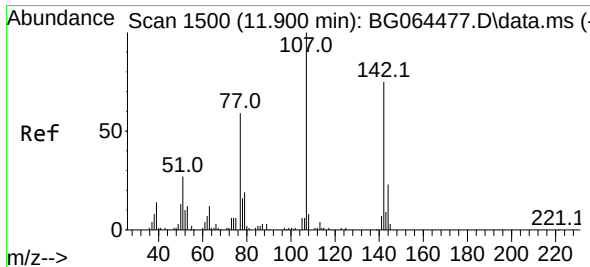
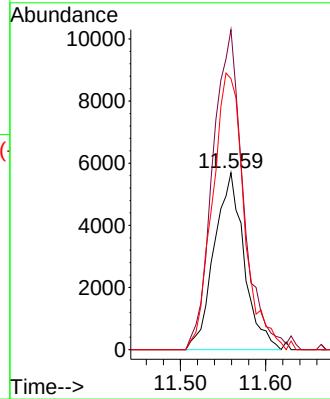
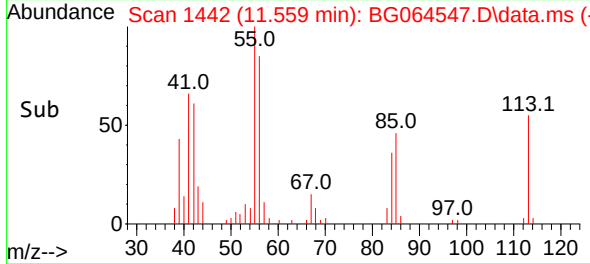
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:113 Resp: 13863  
Ion Ratio Lower Upper  
113 100  
55 180.8 162.0 202.0  
56 153.1 134.6 174.6

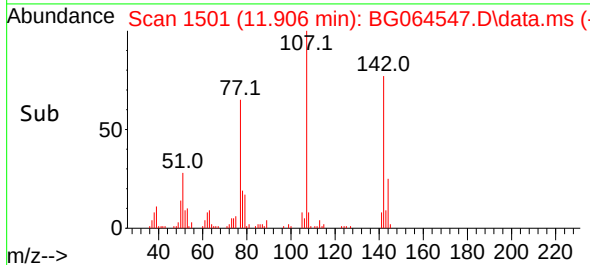
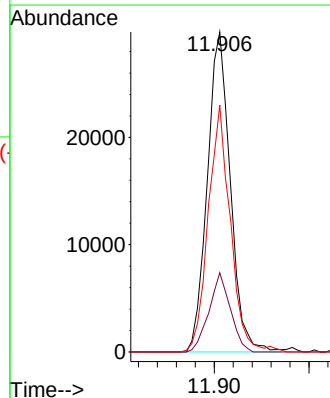
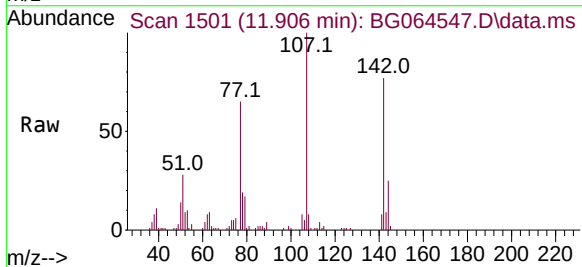
Manual Integrations  
**APPROVED**

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

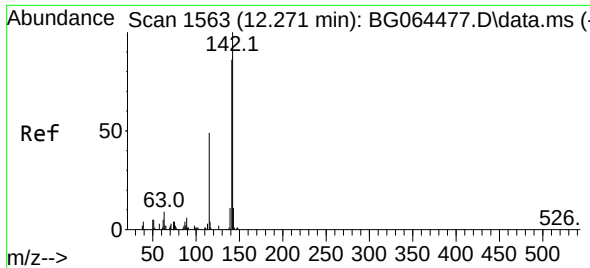


#36  
4-Chloro-3-methylphenol  
Concen: 43.097 ng  
RT: 11.906 min Scan# 1501  
Delta R.T. 0.014 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:107 Resp: 50241  
Ion Ratio Lower Upper  
107 100  
144 24.7 18.7 28.1  
142 77.1 60.2 90.2

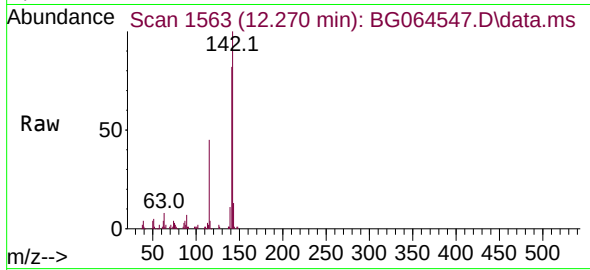






#37  
2-Methylnaphthalene  
Concen: 42.584 ng  
RT: 12.270 min Scan# 1563  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

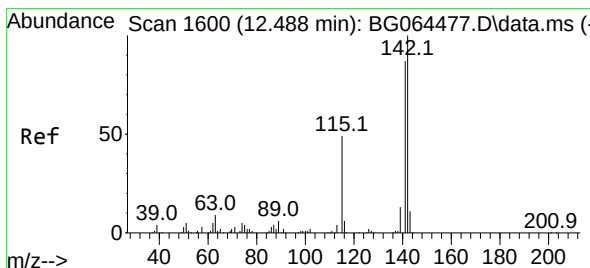
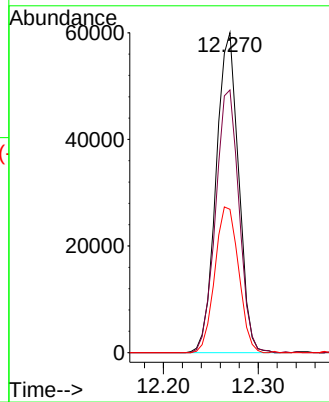
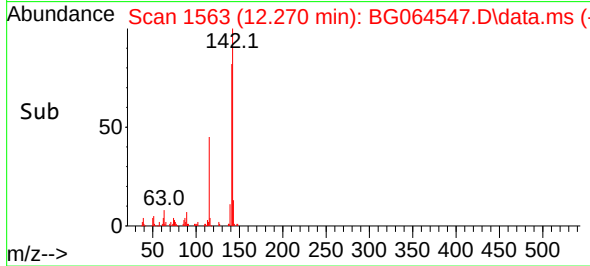
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:142 Resp: 98972  
Ion Ratio Lower Upper  
142 100  
141 82.1 68.7 103.1  
115 44.8 39.3 58.9

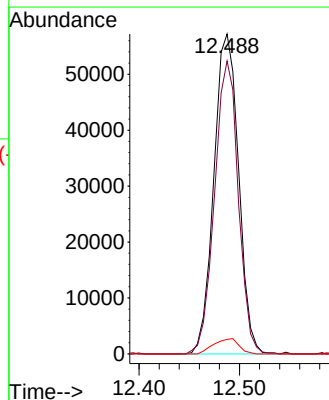
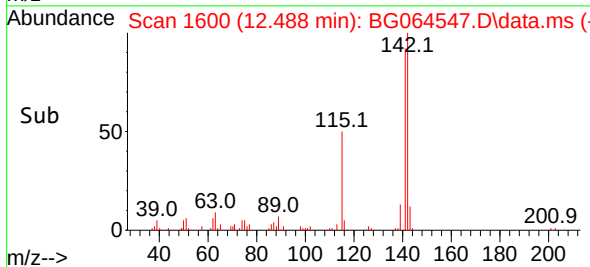
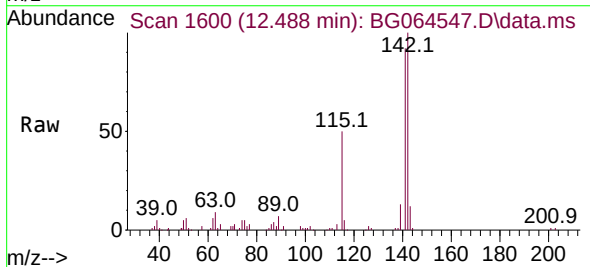
Manual Integrations  
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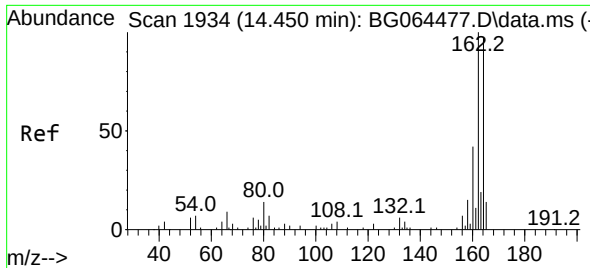
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#38  
1-Methylnaphthalene  
Concen: 42.182 ng  
RT: 12.488 min Scan# 1600  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:142 Resp: 97763  
Ion Ratio Lower Upper  
142 100  
141 91.5 69.8 104.8  
116 4.5 4.6 6.8#





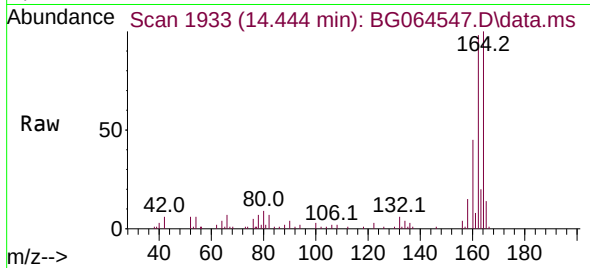
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.444 min Scan# 1933  
Delta R.T. -0.004 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

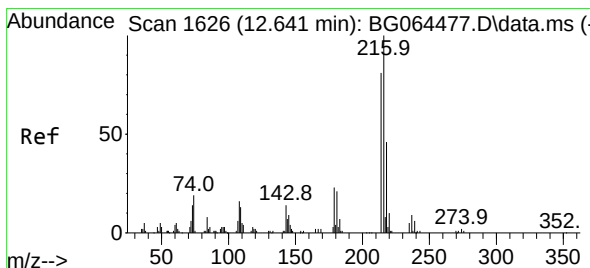
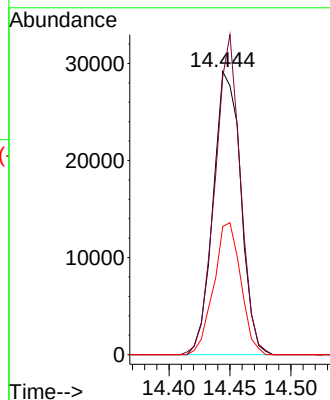
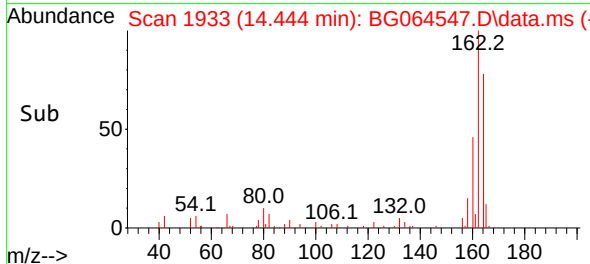


Tgt Ion:164 Resp: 45965  
Ion Ratio Lower Upper  
164 100  
162 98.1 82.2 123.2  
160 45.3 34.3 51.5

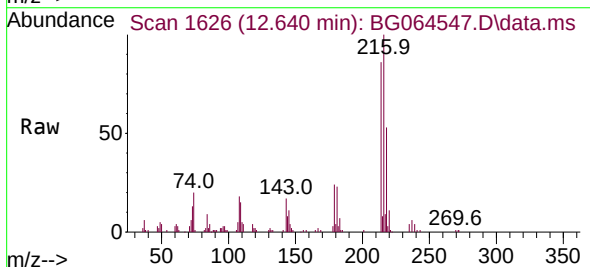
Manual Integrations

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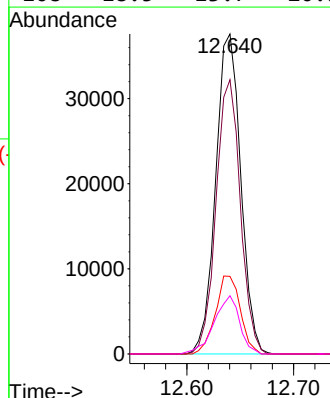
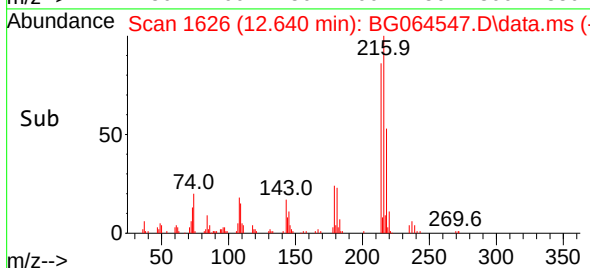
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

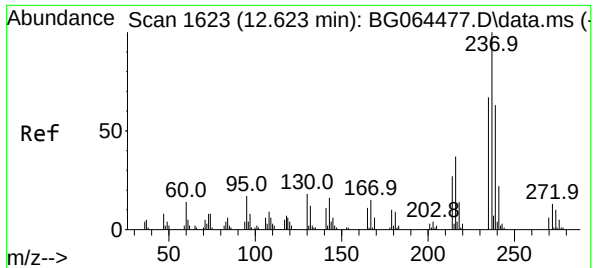


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.420 ng  
RT: 12.640 min Scan# 1626  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



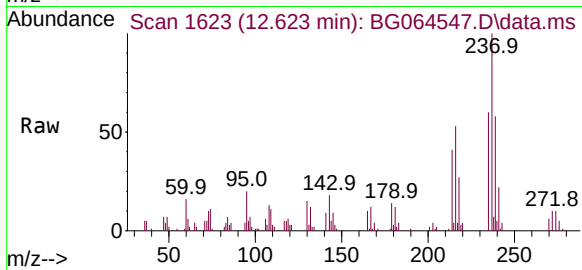
Tgt Ion:216 Resp: 61472  
Ion Ratio Lower Upper  
216 100  
214 83.0 62.5 93.7  
179 24.2 17.0 25.6  
108 18.5 13.7 20.5





#41  
Hexachlorocyclopentadiene  
Concen: 45.006 ng  
RT: 12.623 min Scan# 1623  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

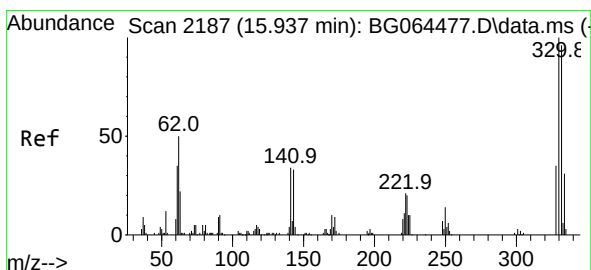
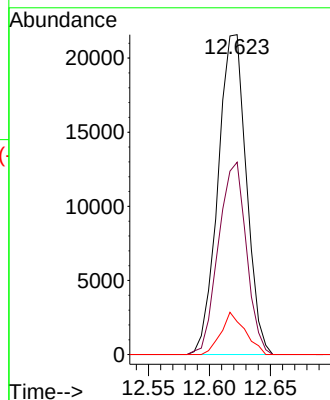
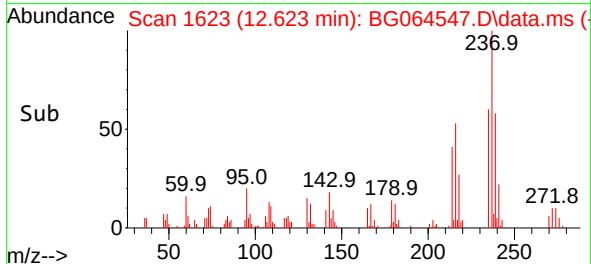
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



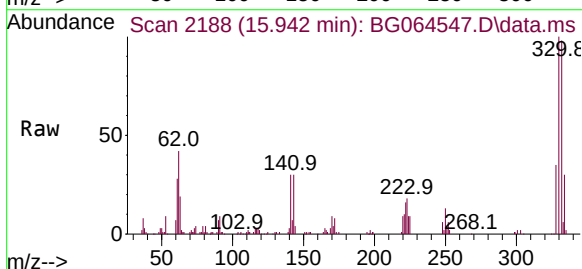
Tgt Ion:237 Resp: 34940  
Ion Ratio Lower Upper  
237 100  
235 60.1 46.9 86.9  
272 10.3 0.0 32.6

Manual Integrations  
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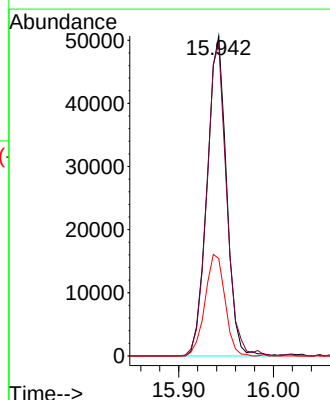
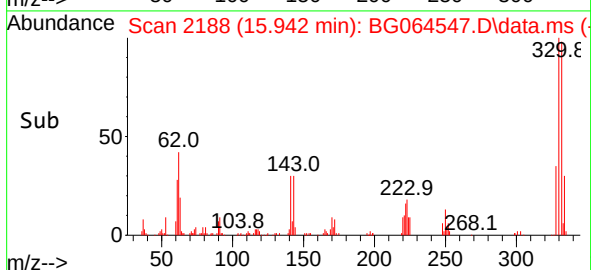
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

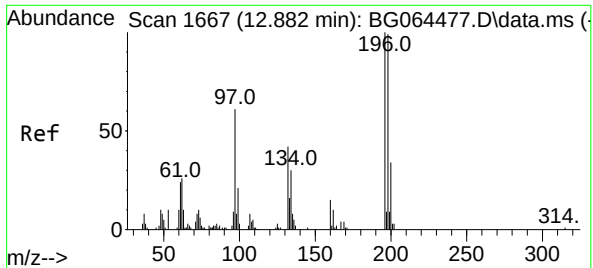


#42  
2,4,6-Tribromophenol  
Concen: 86.640 ng  
RT: 15.942 min Scan# 2188  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



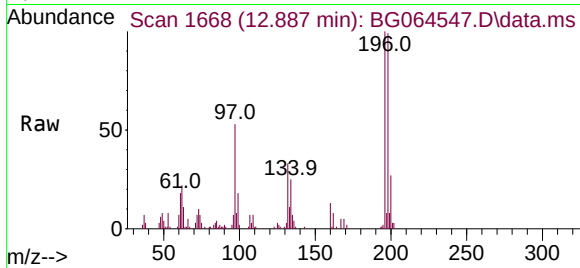
Tgt Ion:330 Resp: 72187  
Ion Ratio Lower Upper  
330 100  
332 98.9 77.4 116.0  
141 32.5 25.8 38.6





#43  
2,4,6-Trichlorophenol  
Concen: 45.612 ng m  
RT: 12.887 min Scan# 1667  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

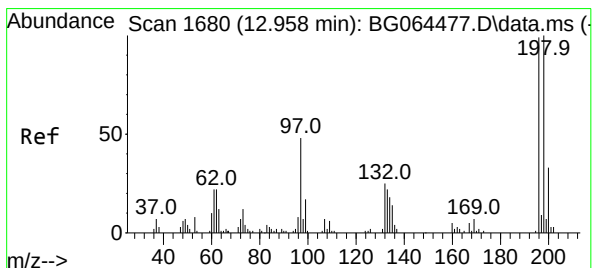
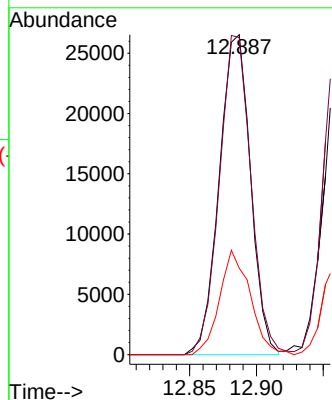
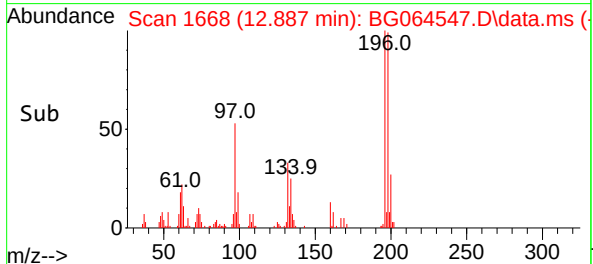
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:196 Resp: 43274  
Ion Ratio Lower Upper  
196 100  
198 99.1 79.3 118.9  
200 27.0 27.4 41.2

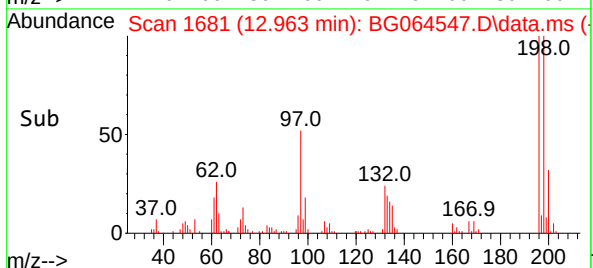
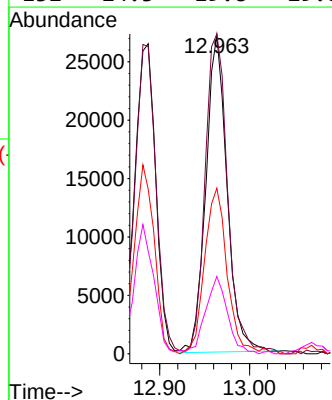
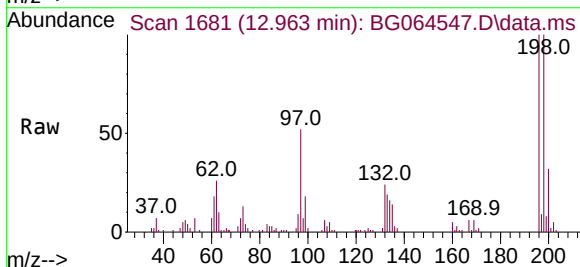
Manual Integrations  
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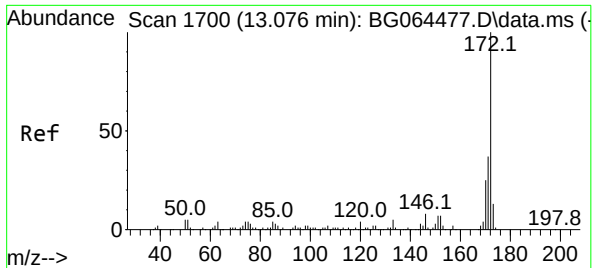
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#44  
2,4,5-Trichlorophenol  
Concen: 42.137 ng  
RT: 12.963 min Scan# 1681  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:196 Resp: 44631  
Ion Ratio Lower Upper  
196 100  
198 100.4 80.3 120.5  
97 52.0 39.4 59.0  
132 24.3 19.8 29.8





#45

2-Fluorobiphenyl

Concen: 85.677 ng

RT: 13.069 min Scan# 1699

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 267175

Ion Ratio Lower Upper

172 100

171 34.5 29.6 44.4

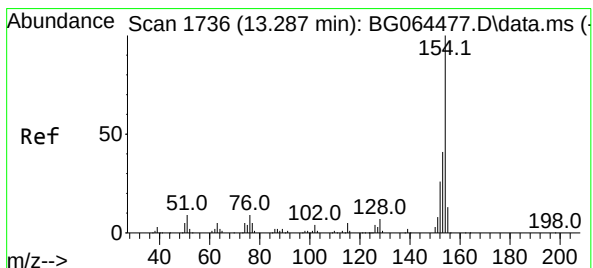
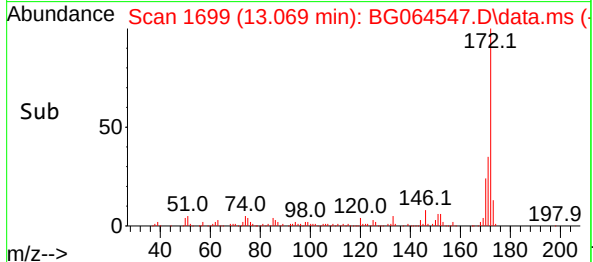
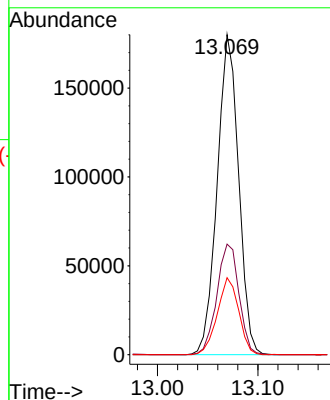
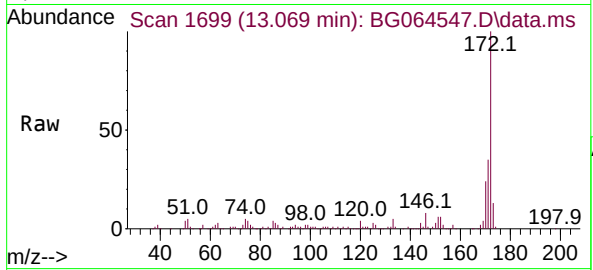
170 24.0 20.2 30.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#46

1,1'-Biphenyl

Concen: 41.504 ng

RT: 13.281 min Scan# 1735

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

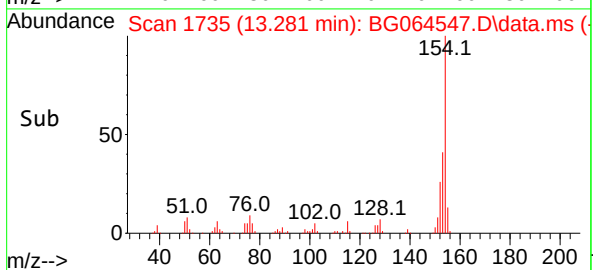
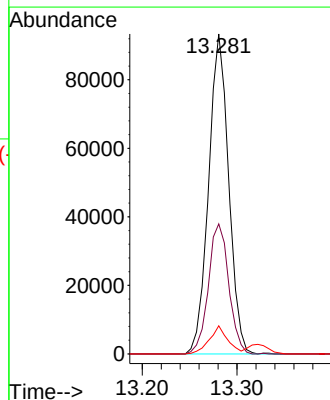
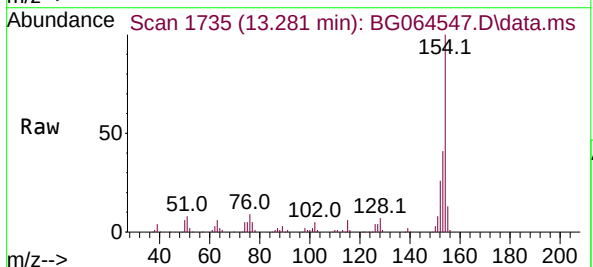
Tgt Ion:154 Resp: 137212

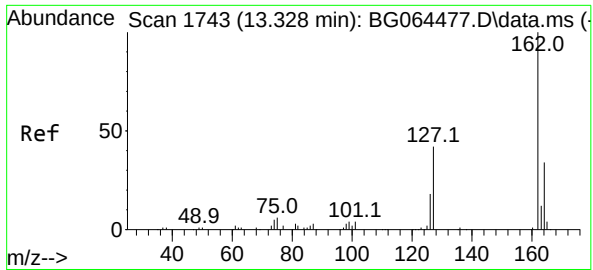
Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

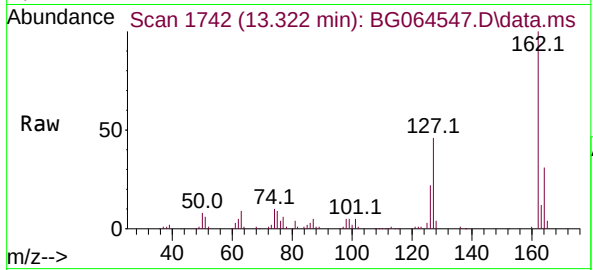
76 8.8 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 42.313 ng  
RT: 13.322 min Scan# 1743  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

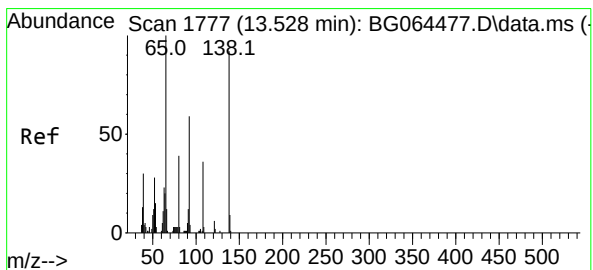
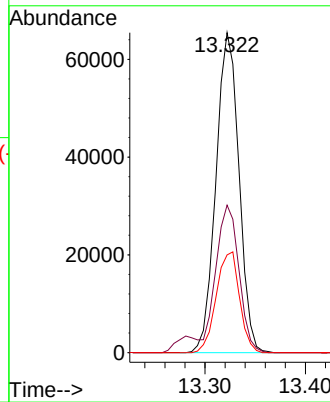
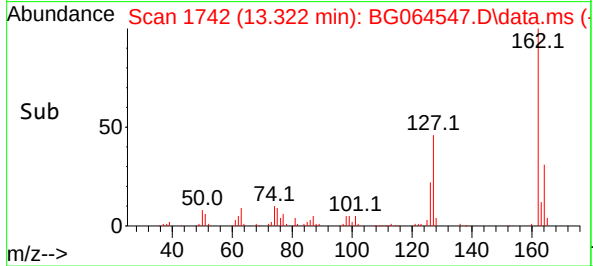
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:162 Resp: 104440  
Ion Ratio Lower Upper  
162 100  
127 46.1 35.8 53.8  
164 30.5 27.2 40.8

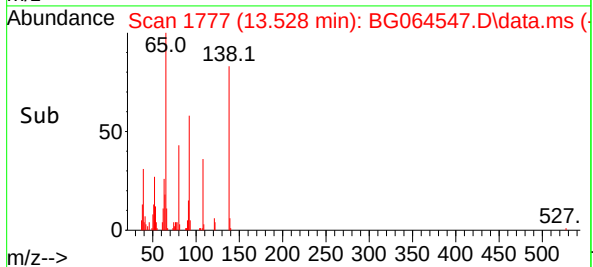
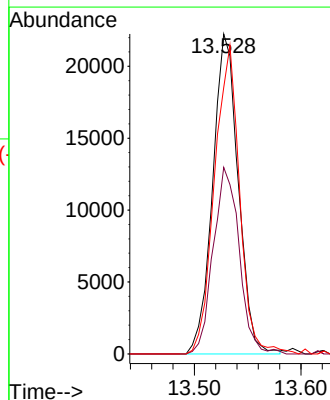
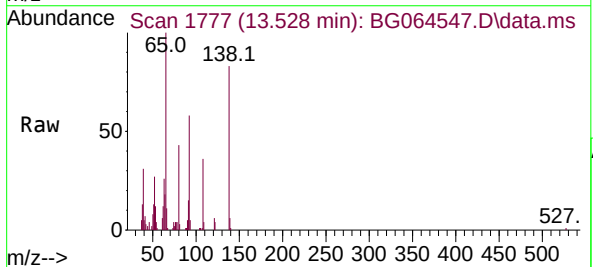
Manual Integrations  
APPROVED

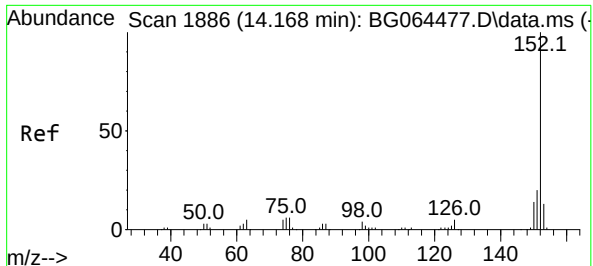
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#48  
2-Nitroaniline  
Concen: 44.061 ng  
RT: 13.528 min Scan# 1777  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion: 65 Resp: 37118  
Ion Ratio Lower Upper  
65 100  
92 58.3 47.0 70.6  
138 83.2 73.5 110.3





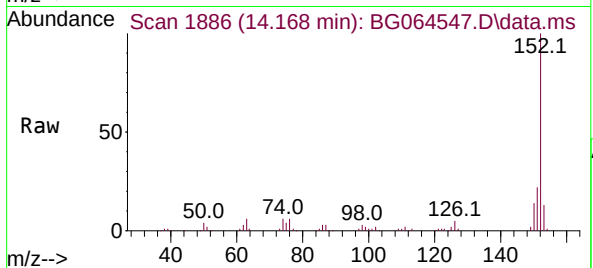
#49  
Acenaphthylene  
Concen: 43.163 ng  
RT: 14.168 min Scan# 1886  
Delta R.T. -0.004 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

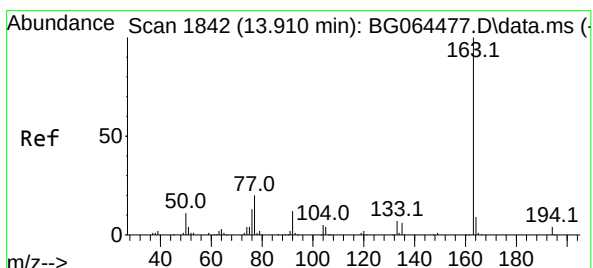
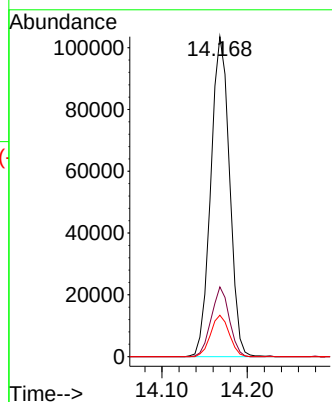
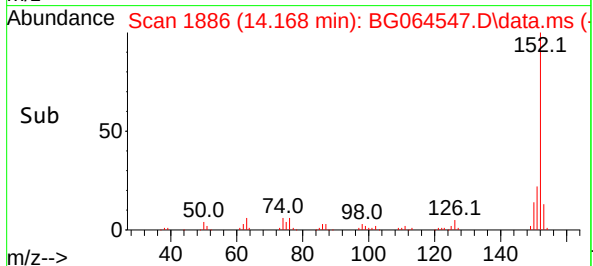


Tgt Ion:152 Resp: 158153  
Ion Ratio Lower Upper  
152 100  
151 21.8 15.8 23.6  
153 12.9 10.6 15.8

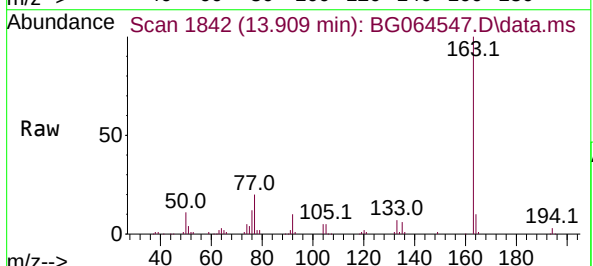
Manual Integrations

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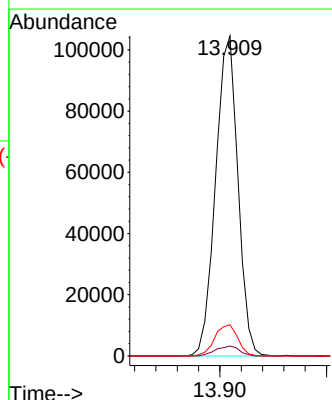
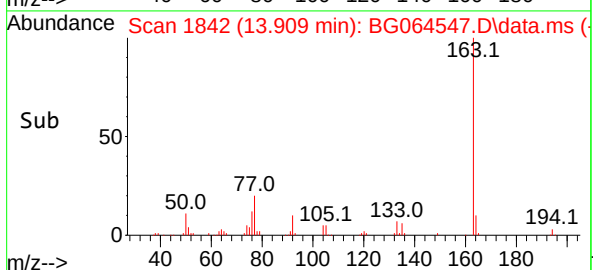
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

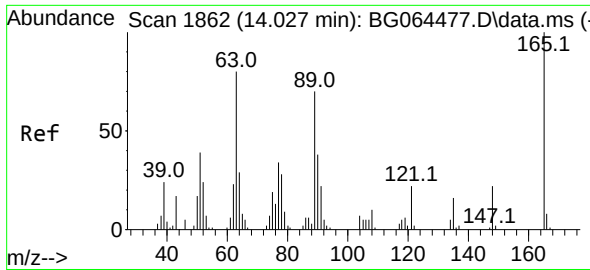


#50  
Dimethylphthalate  
Concen: 42.222 ng  
RT: 13.909 min Scan# 1842  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



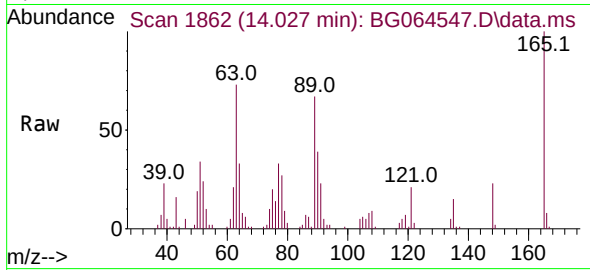
Tgt Ion:163 Resp: 152000  
Ion Ratio Lower Upper  
163 100  
194 3.1 2.9 4.3  
164 9.7 7.4 11.0





#51  
2,6-Dinitrotoluene  
Concen: 42.820 ng  
RT: 14.027 min Scan# 1862  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

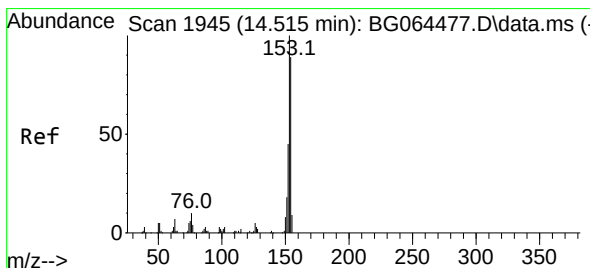
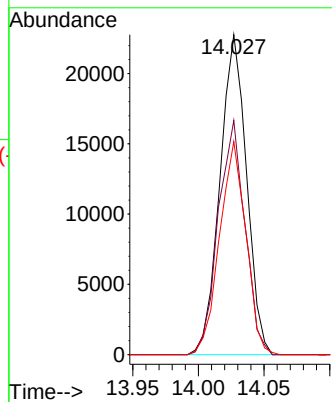
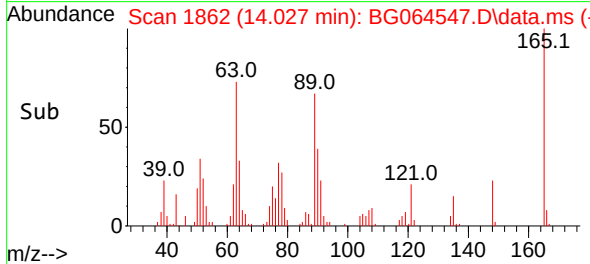
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:165 Resp: 32112  
Ion Ratio Lower Upper  
165 100  
63 73.2 63.9 95.9  
89 66.6 56.1 84.1

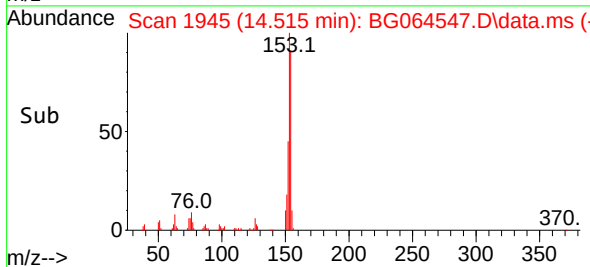
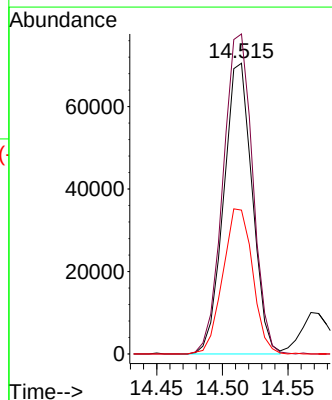
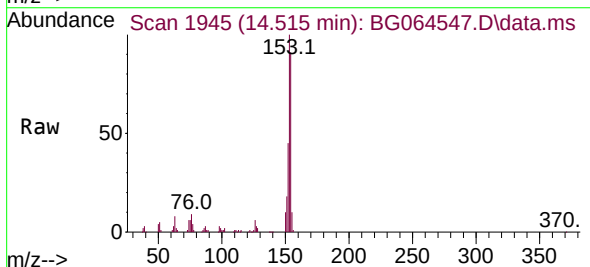
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Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

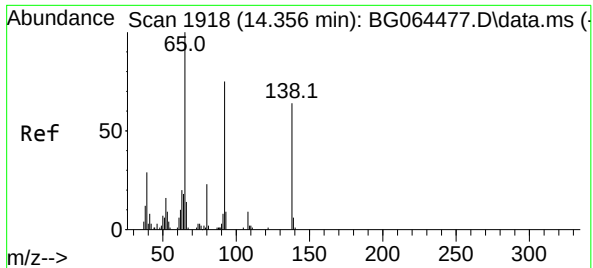


#52  
Acenaphthene  
Concen: 41.898 ng  
RT: 14.515 min Scan# 1945  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:154 Resp: 106658  
Ion Ratio Lower Upper  
154 100  
153 110.1 90.2 135.4  
152 49.5 40.2 60.4

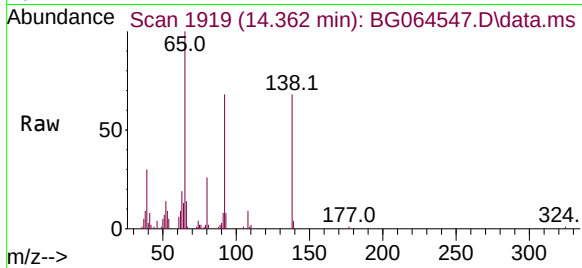






#53  
3-Nitroaniline  
Concen: 41.972 ng  
RT: 14.362 min Scan# 1918  
Delta R.T. 0.014 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

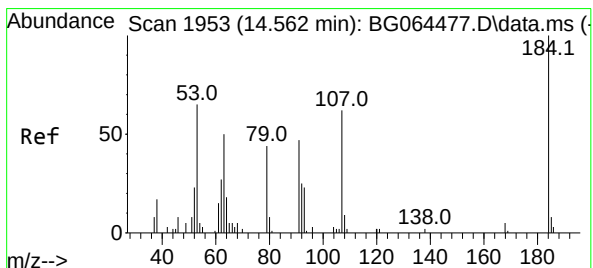
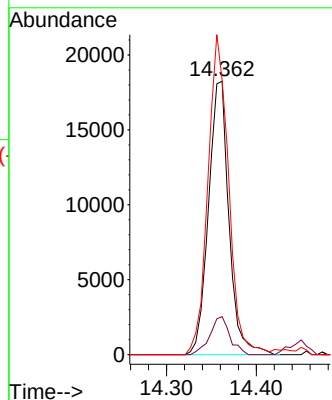
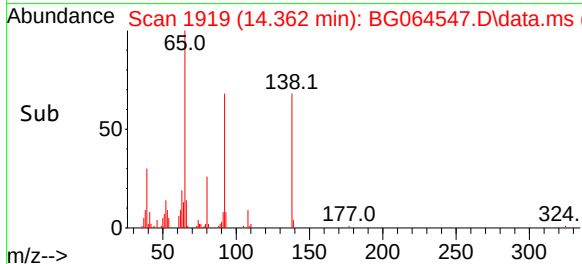
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:138 Resp: 29028  
Ion Ratio Lower Upper  
138 100  
108 13.9 10.6 15.8  
92 100.5 93.2 139.8

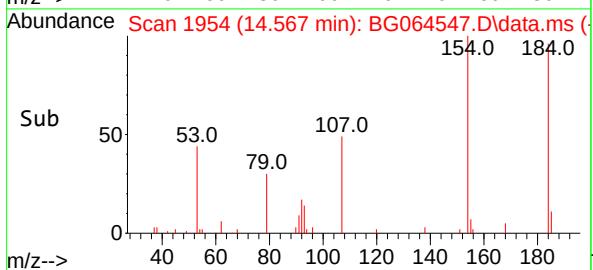
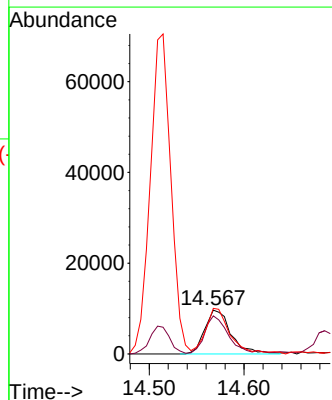
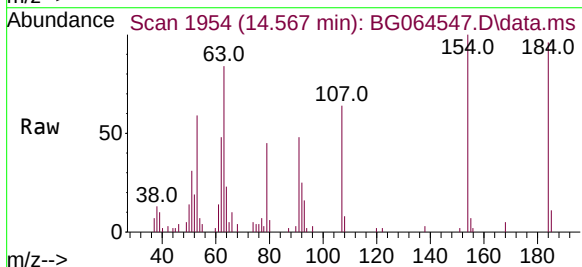
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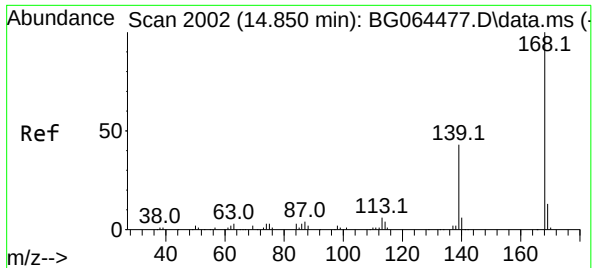
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#54  
2,4-Dinitrophenol  
Concen: 33.990 ng  
RT: 14.567 min Scan# 1954  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:184 Resp: 18483  
Ion Ratio Lower Upper  
184 100  
63 87.0 69.0 103.4  
154 104.0 95.6 143.4





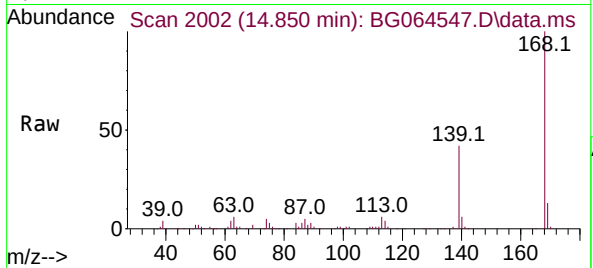
#55  
Dibenzenofuran  
Concen: 42.794 ng  
RT: 14.850 min Scan# 2002  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

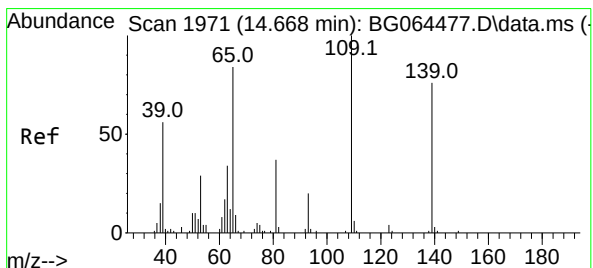
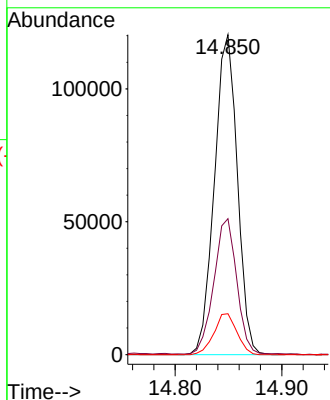


Tgt Ion:168 Resp: 17987  
Ion Ratio Lower Upper  
168 100  
139 42.5 34.0 51.0  
169 12.8 10.2 15.2

Manual Integrations

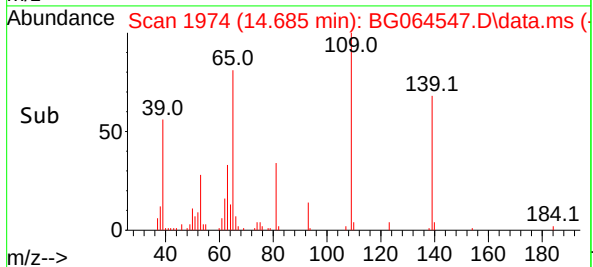
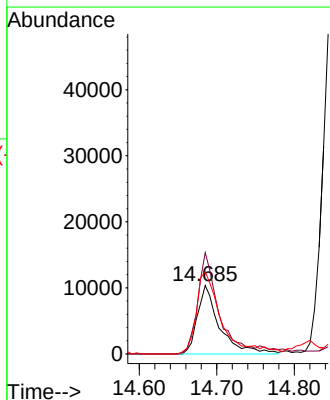
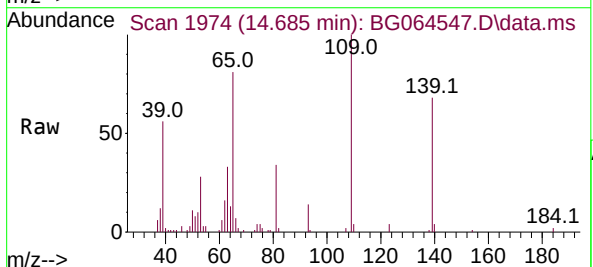
APPROVED

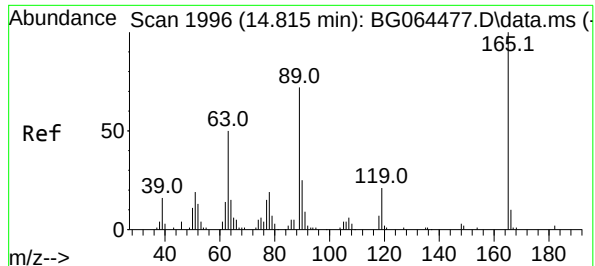
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#56  
4-Nitrophenol  
Concen: 37.784 ng  
RT: 14.685 min Scan# 1974  
Delta R.T. 0.020 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:139 Resp: 20574  
Ion Ratio Lower Upper  
139 100  
109 148.0 111.8 151.8  
65 120.2 91.1 131.1





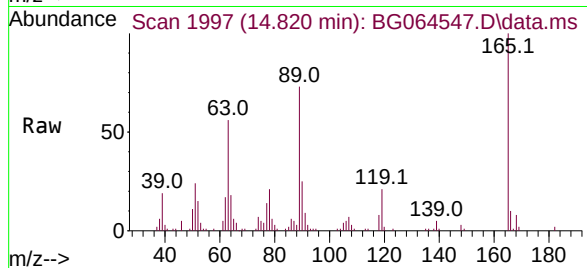
#57  
2,4-Dinitrotoluene  
Concen: 42.271 ng  
RT: 14.820 min Scan# 1996  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

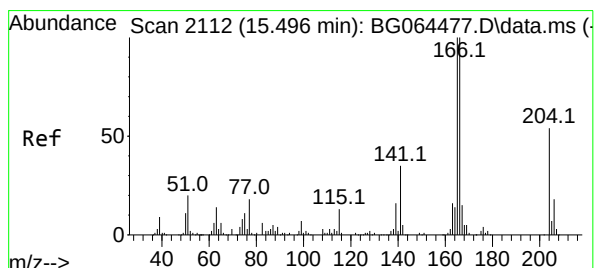
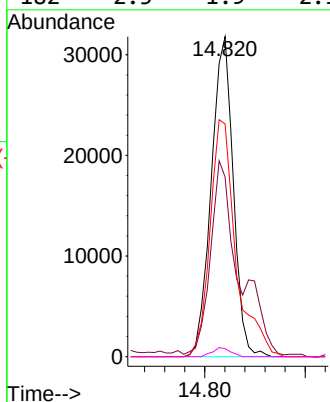
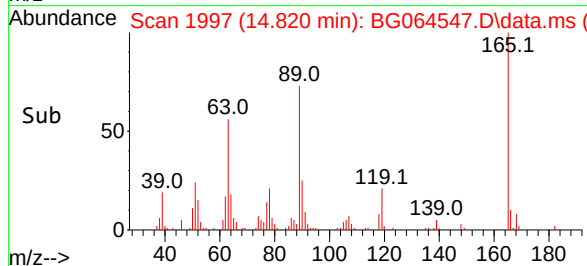


Tgt Ion:165 Resp: 48459  
Ion Ratio Lower Upper  
165 100  
63 56.1 40.4 60.6  
89 72.7 57.3 85.9  
182 2.5 1.9 2.9

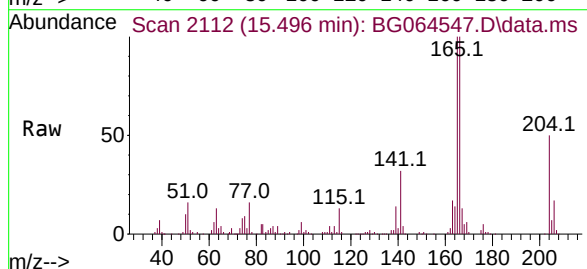
Manual Integrations

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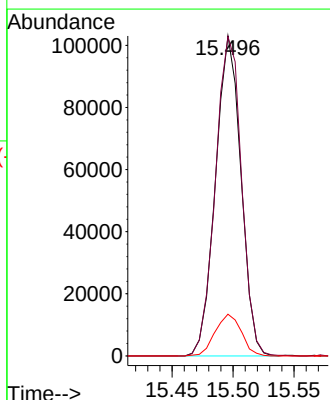
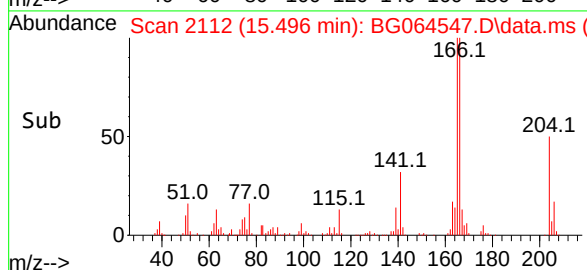
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

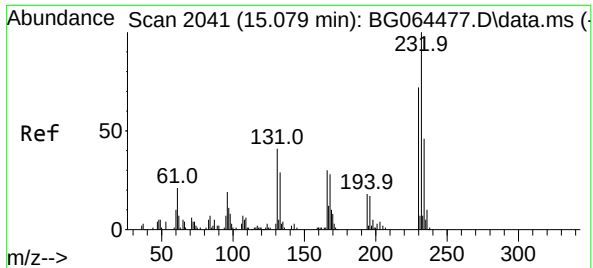


#58  
Fluorene  
Concen: 42.692 ng  
RT: 15.496 min Scan# 2112  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



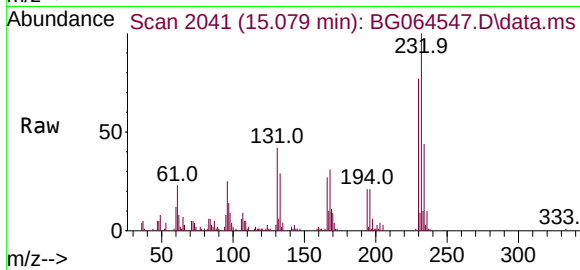
Tgt Ion:166 Resp: 149180  
Ion Ratio Lower Upper  
166 100  
165 99.8 79.8 119.6  
167 13.0 11.7 17.5





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.129 ng  
RT: 15.079 min Scan# 2041  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

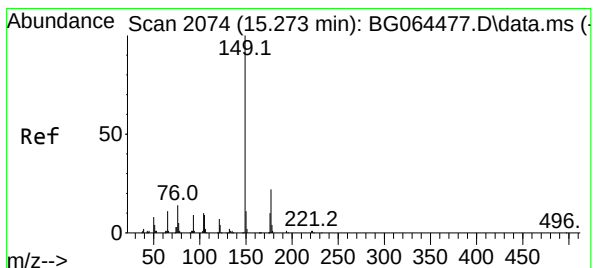
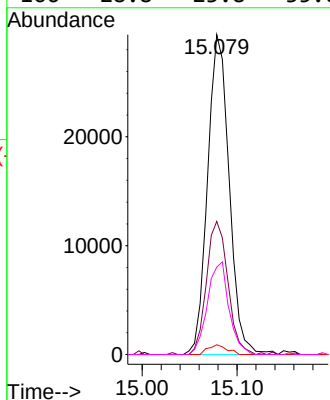
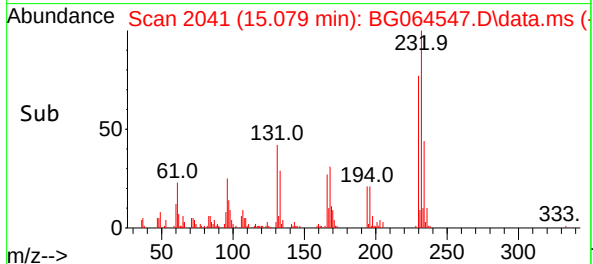
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



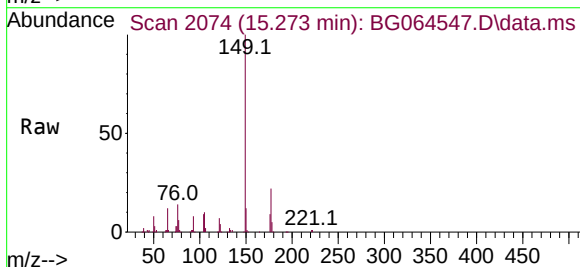
Tgt Ion:232 Resp: 46621  
Ion Ratio Lower Upper  
232 100  
131 41.3 35.0 52.4  
130 2.7 2.0 3.0  
166 28.8 23.8 35.6

Manual Integrations  
APPROVED

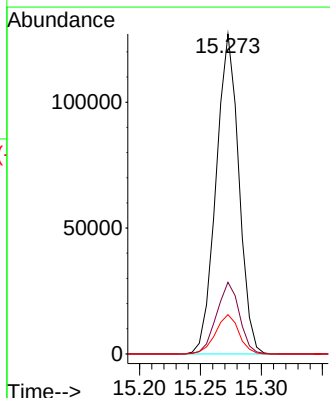
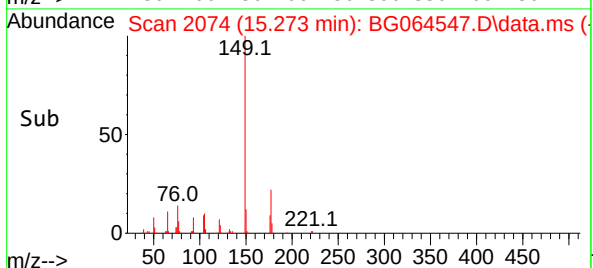
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

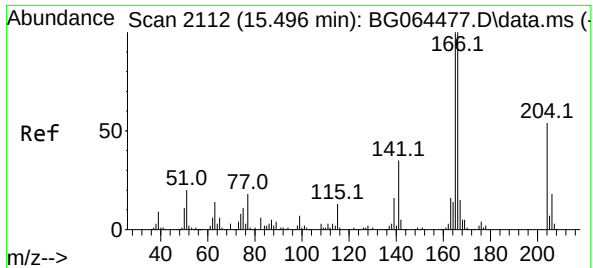


#60  
Diethylphthalate  
Concen: 42.669 ng  
RT: 15.273 min Scan# 2074  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



Tgt Ion:149 Resp: 164785  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.4 26.0  
150 12.3 9.1 13.7





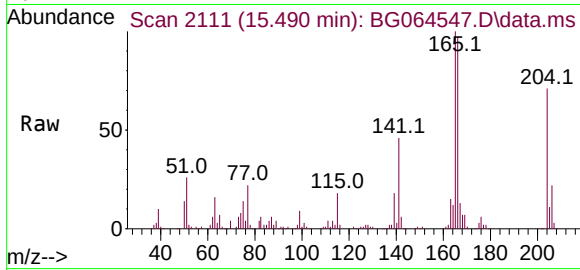
#61  
4-Chlorophenyl-phenylether  
Concen: 42.549 ng  
RT: 15.490 min Scan# 2112  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

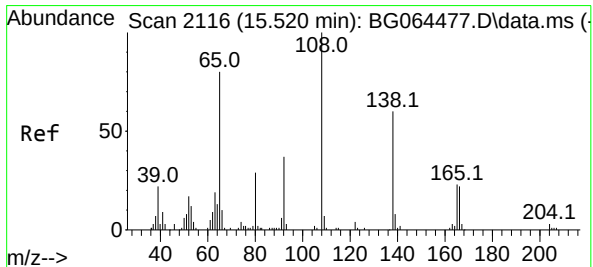
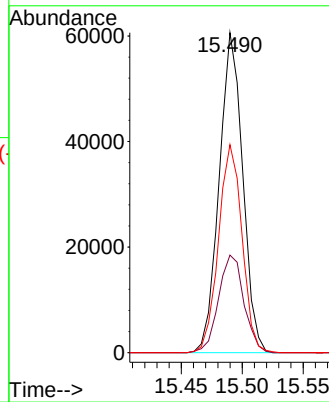
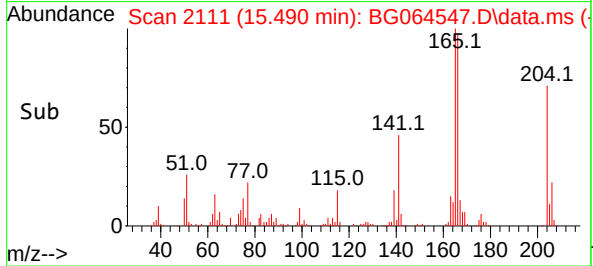


Tgt Ion:204 Resp: 81176  
Ion Ratio Lower Upper  
204 100  
206 30.5 27.1 40.7  
141 65.0 51.5 77.3

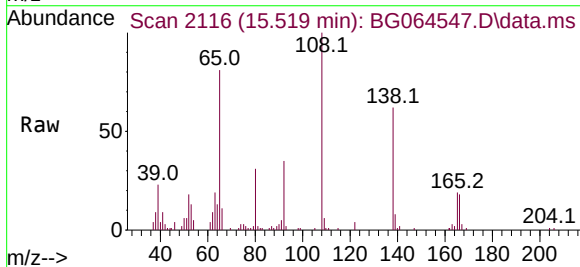
Manual Integrations

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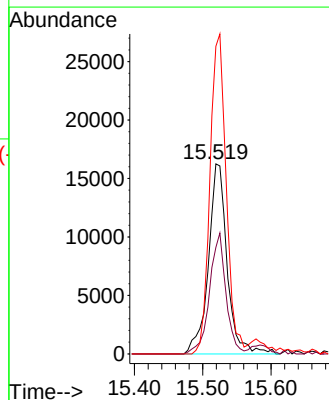
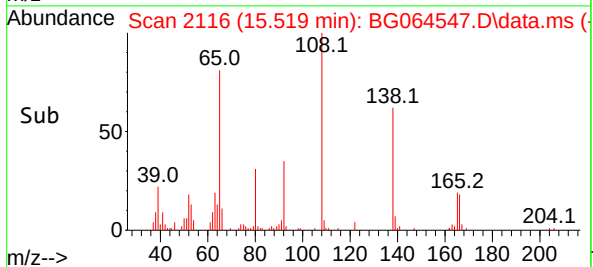
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

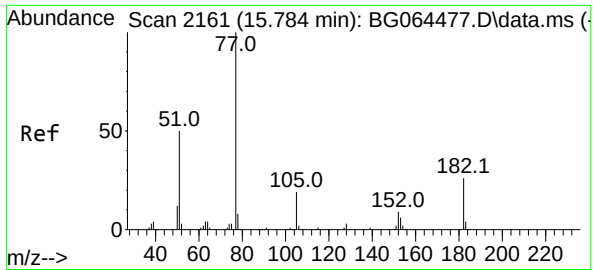


#62  
4-Nitroaniline  
Concen: 43.111 ng  
RT: 15.519 min Scan# 2116  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



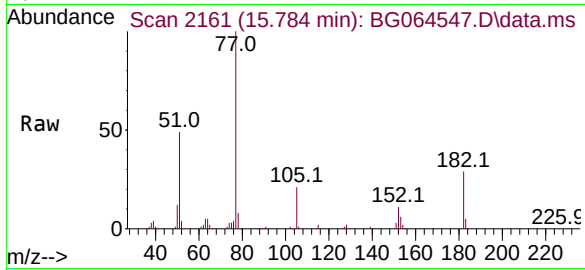
Tgt Ion:138 Resp: 31076  
Ion Ratio Lower Upper  
138 100  
92 56.0 42.3 82.3  
108 161.8 147.7 187.7





#63  
Azobenzene  
Concen: 41.425 ng  
RT: 15.784 min Scan# 2161  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

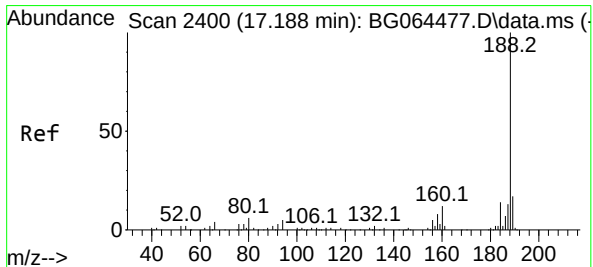
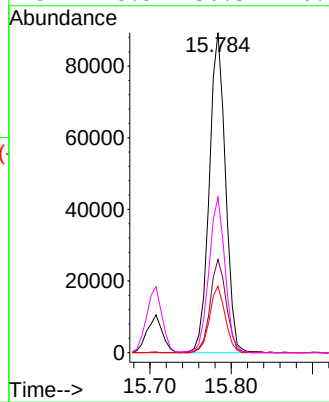
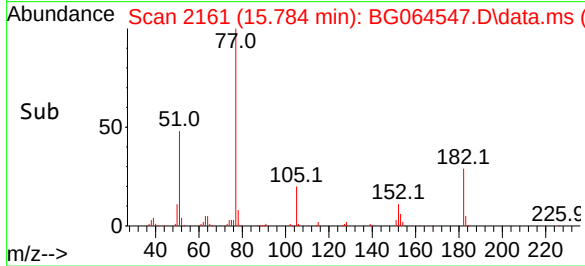
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 123898  
Ion Ratio Lower Upper  
77 100  
182 29.1 6.3 46.3  
105 20.8 0.0 38.7  
51 48.5 30.3 70.3

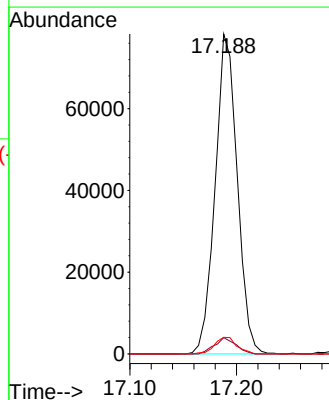
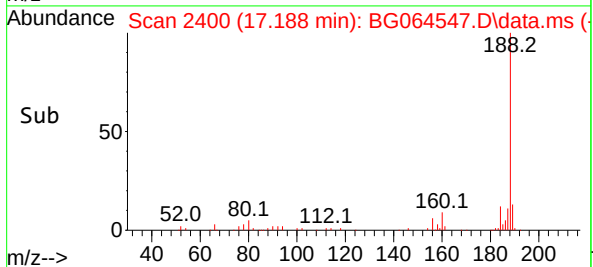
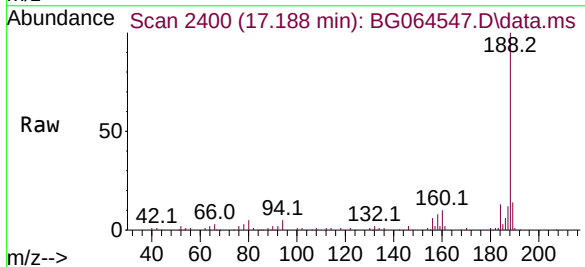
Manual Integrations  
APPROVED

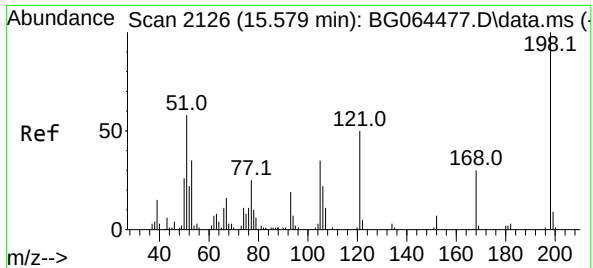
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.188 min Scan# 2400  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

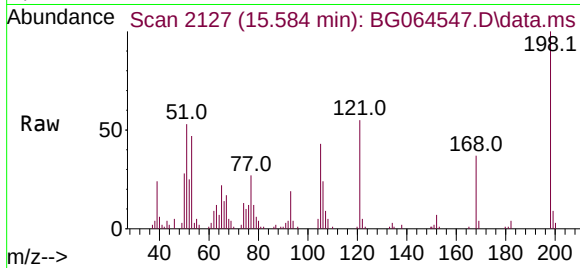
Tgt Ion:188 Resp: 112639  
Ion Ratio Lower Upper  
188 100  
94 5.1 3.7 5.5  
80 5.2 4.5 6.7





#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.746 ng  
RT: 15.584 min Scan# 2126  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

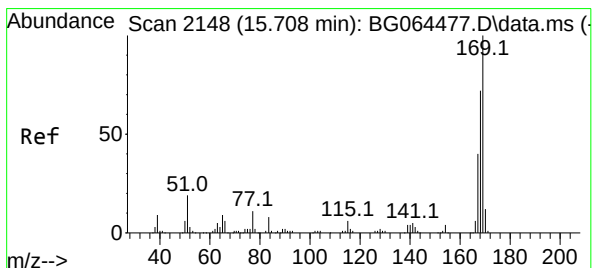
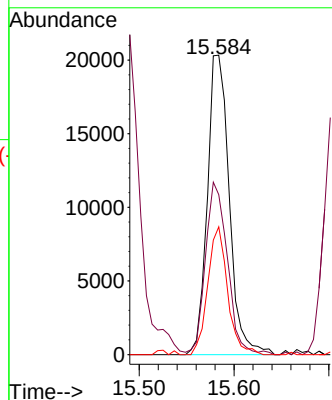
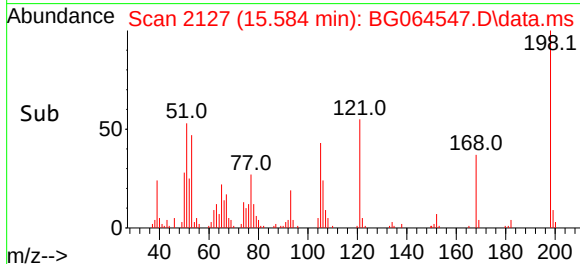
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:198 Resp: 32740  
Ion Ratio Lower Upper  
198 100  
51 53.4 39.0 79.0  
105 42.6 15.8 55.8

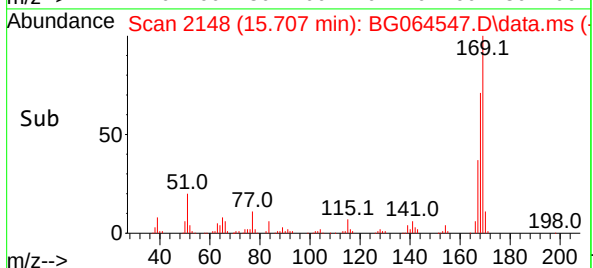
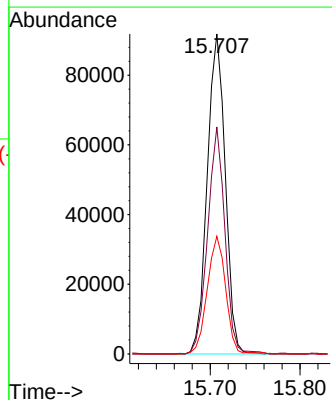
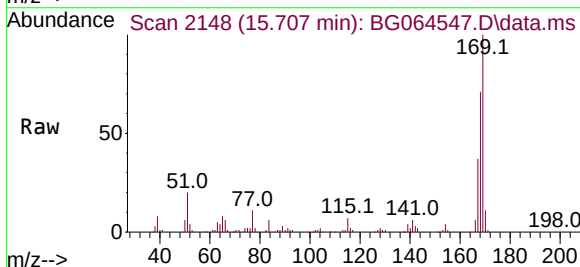
Manual Integrations  
APPROVED

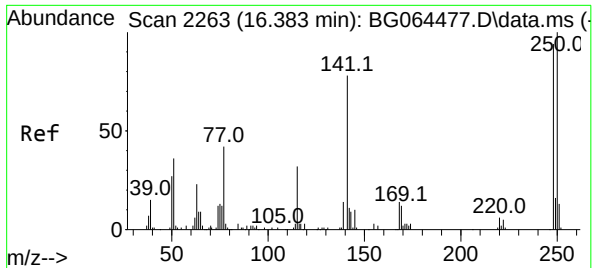
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#66  
n-Nitrosodiphenylamine  
Concen: 42.507 ng  
RT: 15.707 min Scan# 2148  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

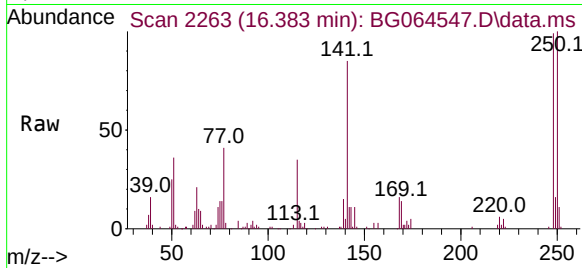
Tgt Ion:169 Resp: 127857  
Ion Ratio Lower Upper  
169 100  
168 70.9 57.8 86.6  
167 36.7 31.7 47.5





#67  
4-Bromophenyl-phenylether  
Concen: 43.046 ng  
RT: 16.383 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

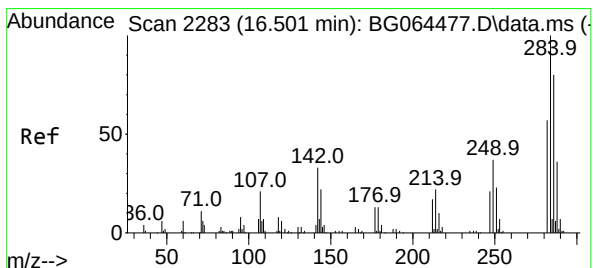
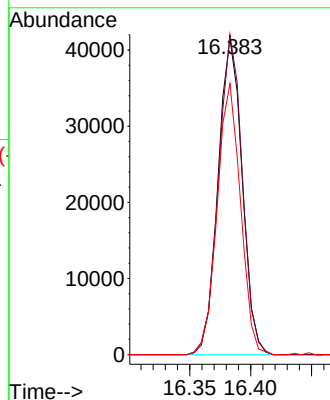
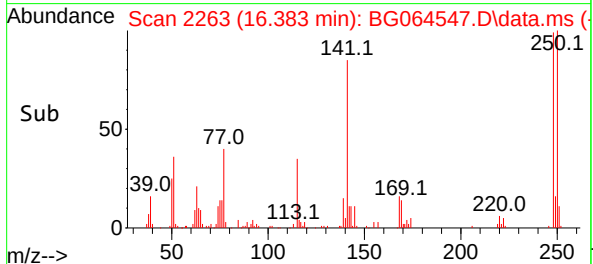
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



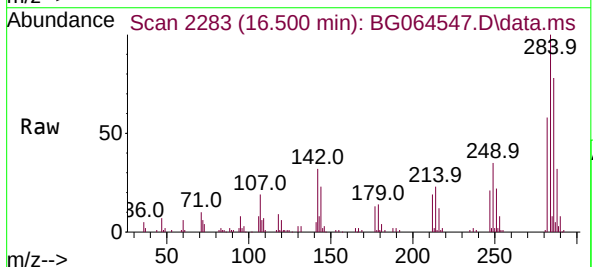
Tgt Ion:248 Resp: 57052  
Ion Ratio Lower Upper  
248 100  
250 101.3 85.3 127.9  
141 85.8 66.2 99.2

Manual Integrations  
APPROVED

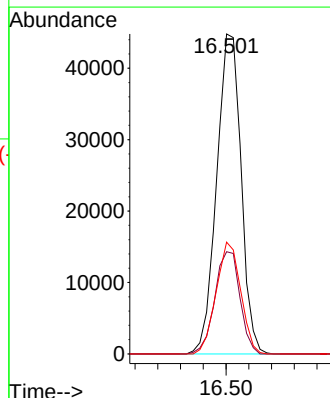
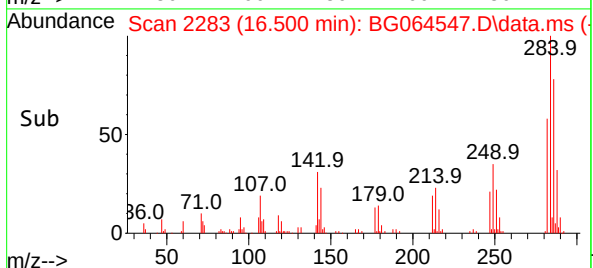
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



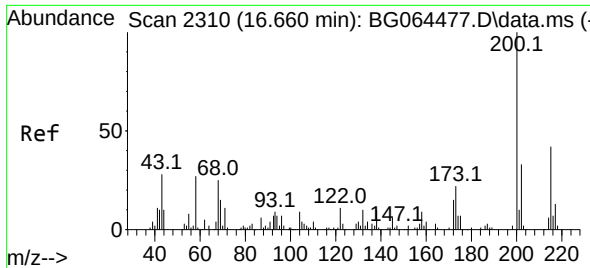
#68  
Hexachlorobenzene  
Concen: 43.997 ng  
RT: 16.500 min Scan# 2283  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



Tgt Ion:284 Resp: 66733  
Ion Ratio Lower Upper  
284 100  
142 31.9 26.2 39.2  
249 34.9 29.4 44.0







#69

Atrazine

Concen: 40.416 ng

RT: 16.659 min Scan# 2310

Delta R.T. 0.008 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 54086

Ion Ratio Lower Upper

200 100

173 24.1 2.5 42.5

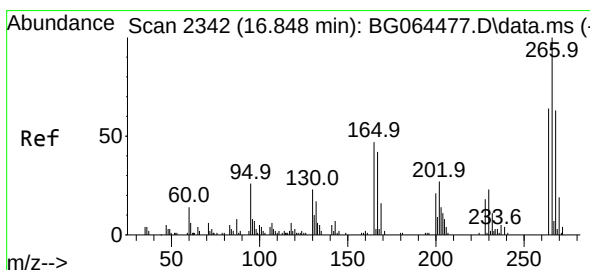
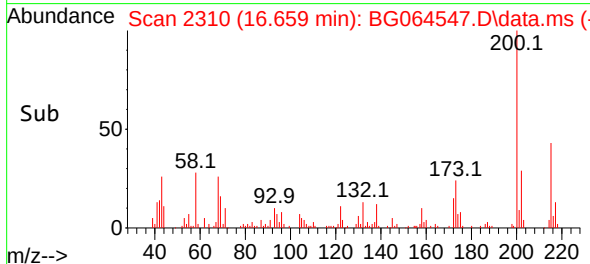
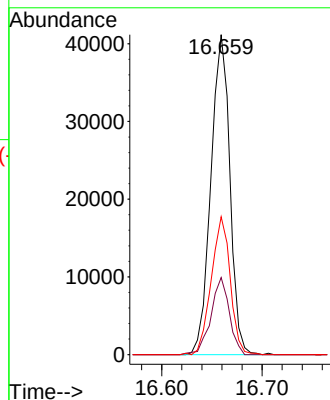
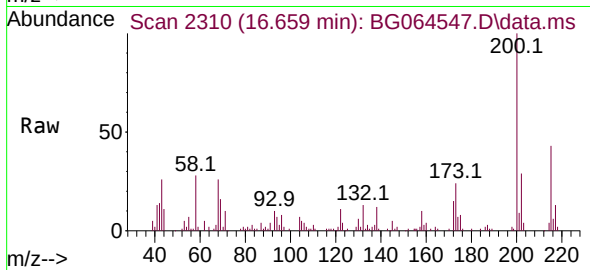
215 43.1 21.5 61.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#70

Pentachlorophenol

Concen: 42.817 ng

RT: 16.847 min Scan# 2342

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

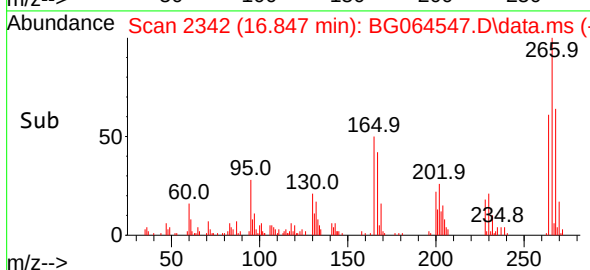
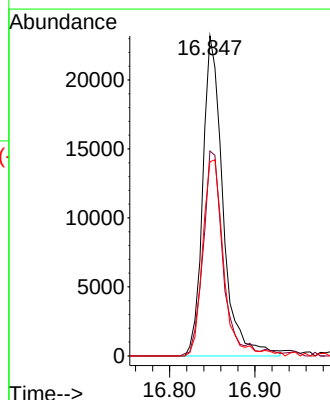
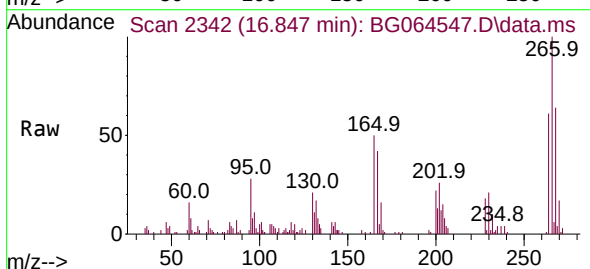
Tgt Ion:266 Resp: 37971

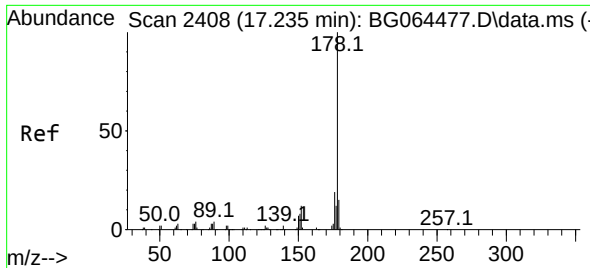
Ion Ratio Lower Upper

266 100

268 64.0 50.6 75.8

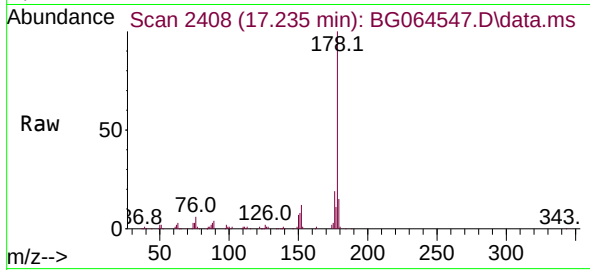
264 60.7 51.2 76.8





#71  
Phenanthrene  
Concen: 42.087 ng  
RT: 17.235 min Scan# 2408  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

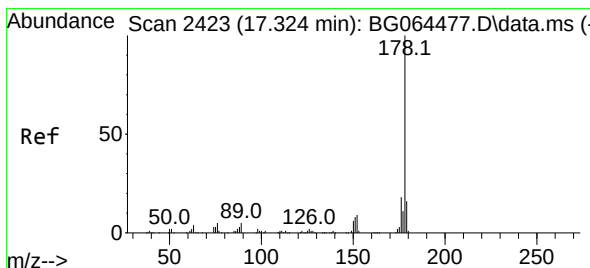
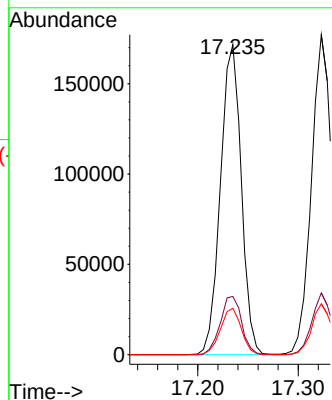
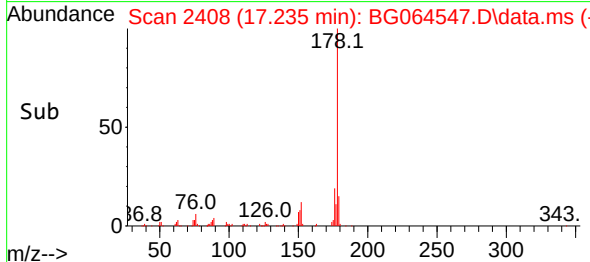
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:178 Resp: 247916  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.2 22.8  
179 14.9 11.8 17.6

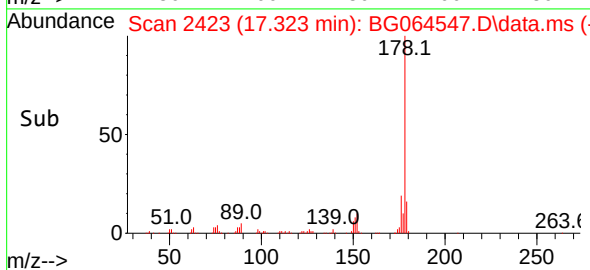
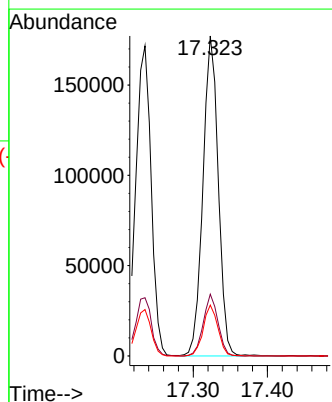
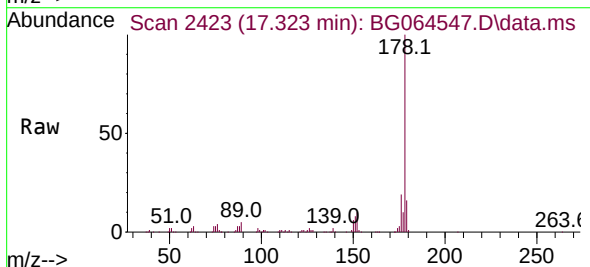
Manual Integrations  
APPROVED

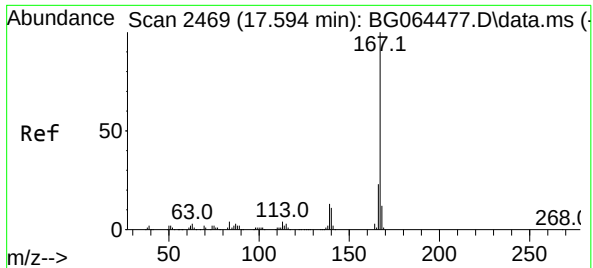
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#72  
Anthracene  
Concen: 43.067 ng  
RT: 17.323 min Scan# 2423  
Delta R.T. 0.002 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

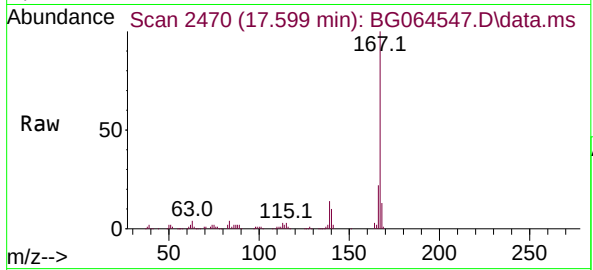
Tgt Ion:178 Resp: 254501  
Ion Ratio Lower Upper  
178 100  
176 19.3 14.6 21.8  
179 15.9 12.5 18.7





#73  
 Carbazole  
 Concen: 42.326 ng  
 RT: 17.599 min Scan# 2469  
 Delta R.T. 0.008 min  
 Lab File: BG064547.D  
 Acq: 20 Oct 2025 12:44

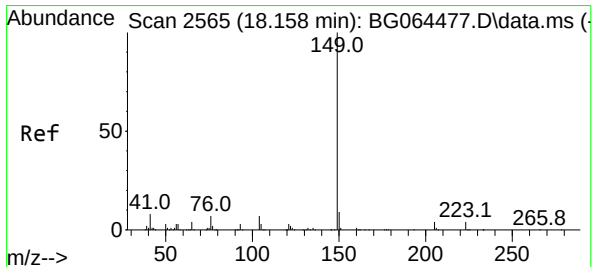
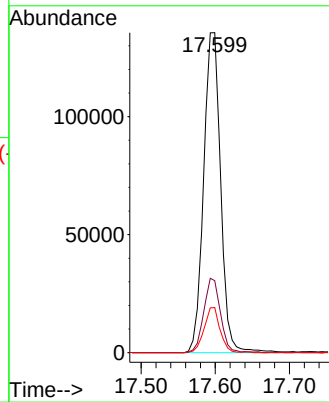
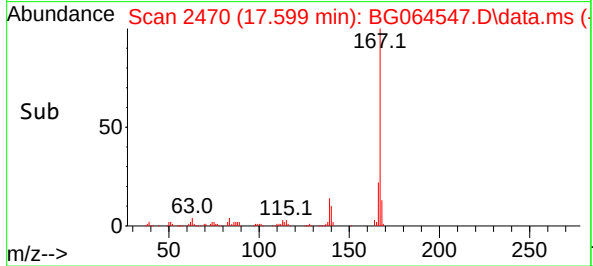
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



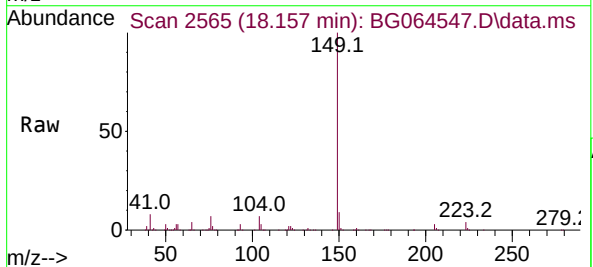
Tgt Ion:167 Resp: 216198  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 18.6 27.8  
 139 14.1 10.2 15.4

Manual Integrations  
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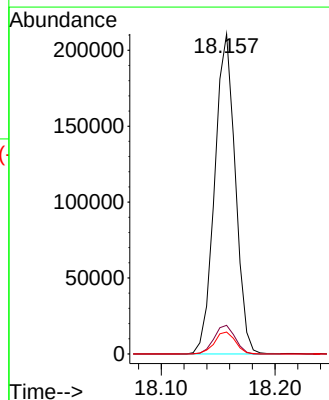
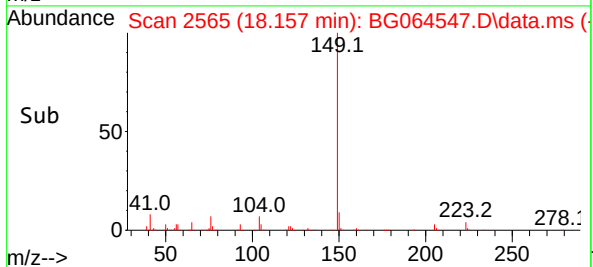
Reviewed By :Rahul Chavli 10/21/2025  
 Supervised By :Jagrut Upadhyay 10/21/2025

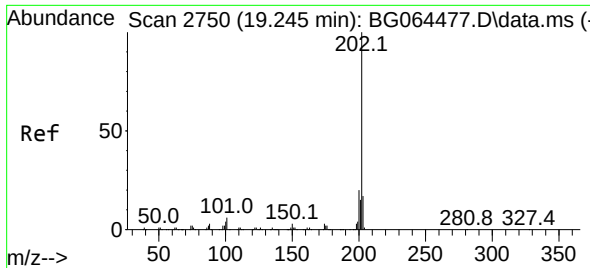


#74  
 Di-n-butylphthalate  
 Concen: 42.433 ng  
 RT: 18.157 min Scan# 2565  
 Delta R.T. 0.002 min  
 Lab File: BG064547.D  
 Acq: 20 Oct 2025 12:44



Tgt Ion:149 Resp: 264589  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.4 11.2  
 104 6.8 5.3 7.9





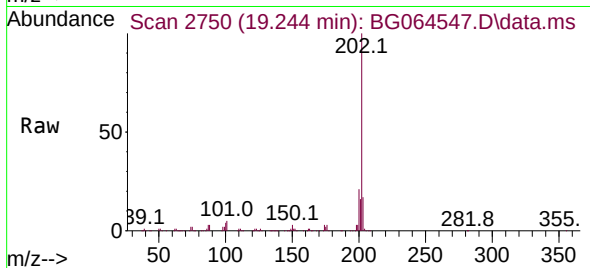
#75  
Fluoranthene  
Concen: 41.884 ng  
RT: 19.244 min Scan# 21  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

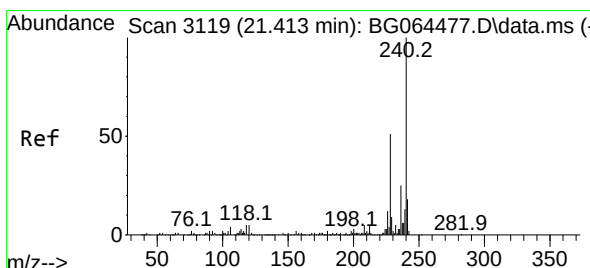
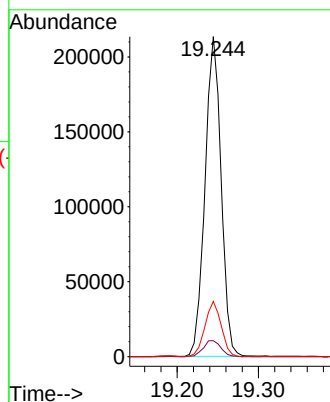
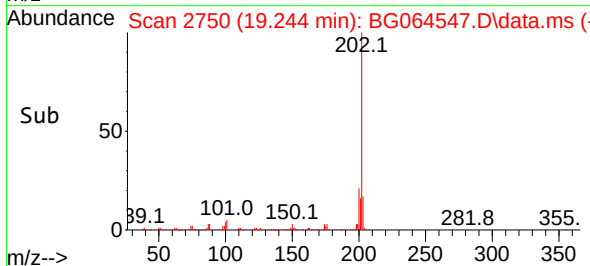


Tgt Ion:202 Resp: 29474  
Ion Ratio Lower Upper  
202 100  
101 5.0 0.0 25.7  
203 17.2 0.0 36.6

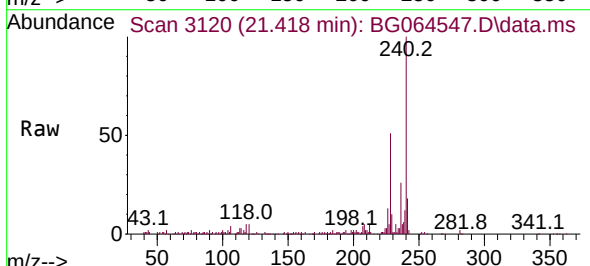
Manual Integrations

APPROVED

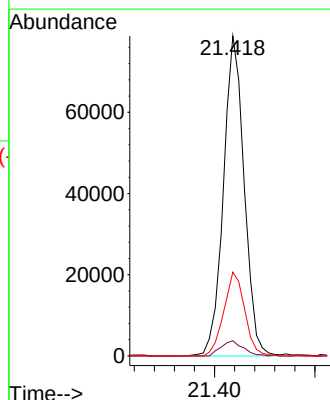
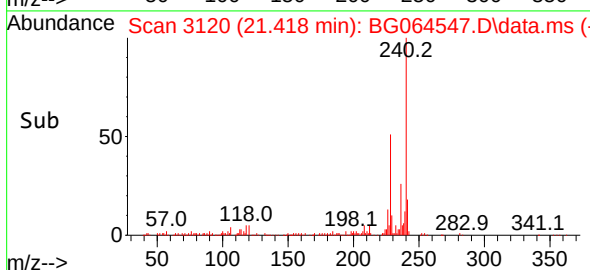
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

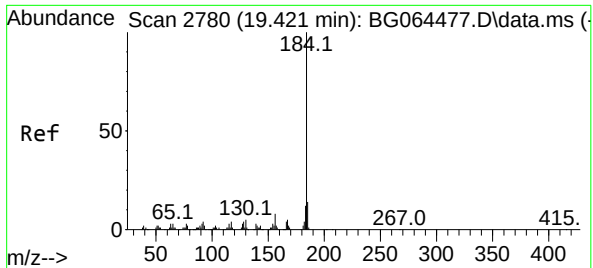


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.418 min Scan# 3120  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44



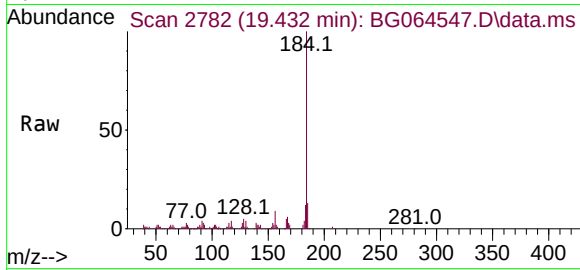
Tgt Ion:240 Resp: 113403  
Ion Ratio Lower Upper  
240 100  
120 4.7 4.3 6.5  
236 26.2 20.4 30.6





#77  
Benzidine  
Concen: 47.695 ng  
RT: 19.432 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

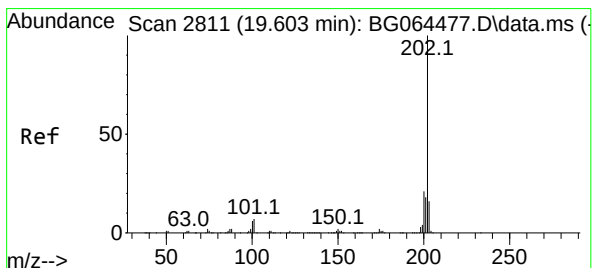
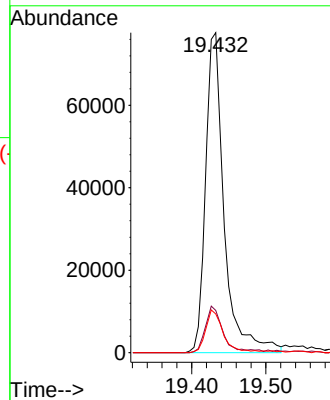
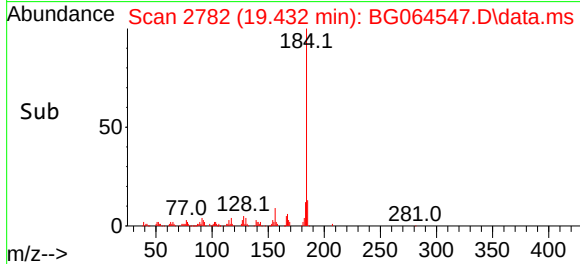
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:184 Resp: 134588  
Ion Ratio Lower Upper  
184 100  
185 13.2 10.9 16.3  
183 12.1 9.8 14.6

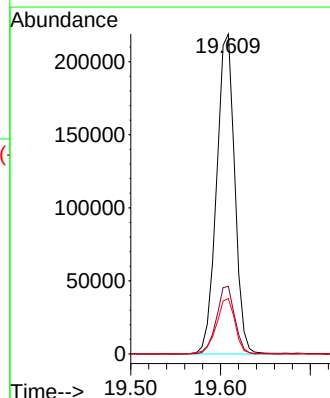
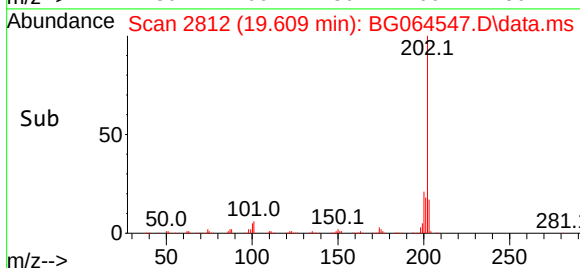
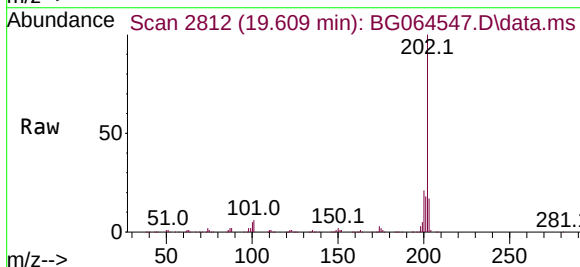
Manual Integrations  
APPROVED

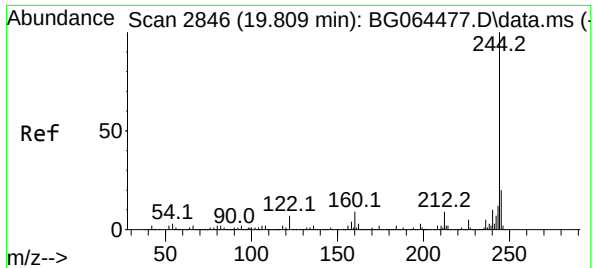
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#78  
Pyrene  
Concen: 41.769 ng  
RT: 19.609 min Scan# 2812  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

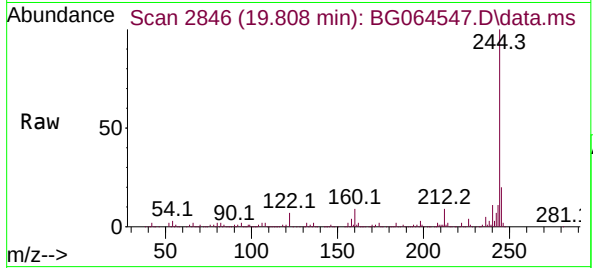
Tgt Ion:202 Resp: 307402  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 17.3 13.0 19.4





#79  
 Terphenyl-d14  
 Concen: 85.798 ng  
 RT: 19.808 min Scan# 2846  
 Delta R.T. 0.002 min  
 Lab File: BG064547.D  
 Acq: 20 Oct 2025 12:44

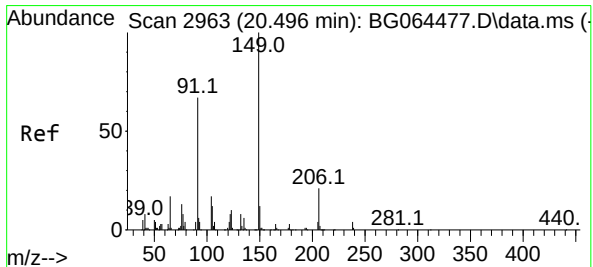
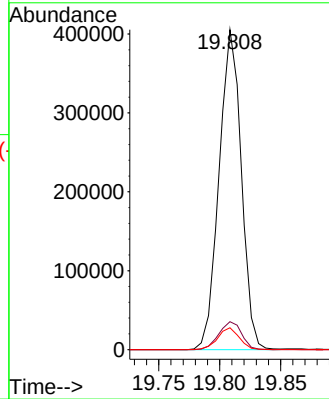
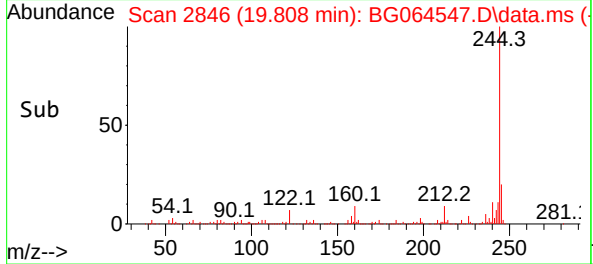
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



Tgt Ion:244 Resp: 514123  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 7.0 10.6  
 122 6.8 5.6 8.4

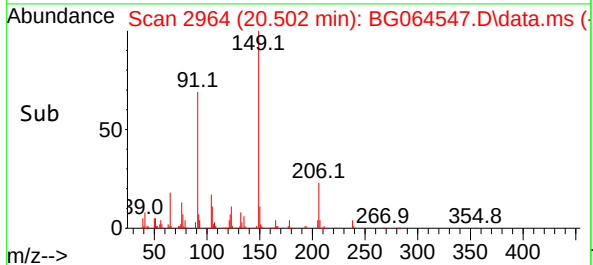
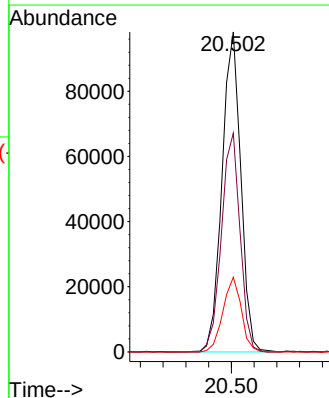
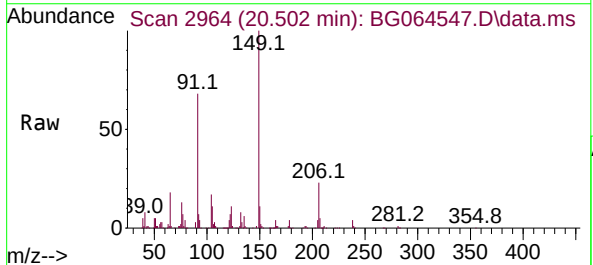
Manual Integrations  
 APPROVED

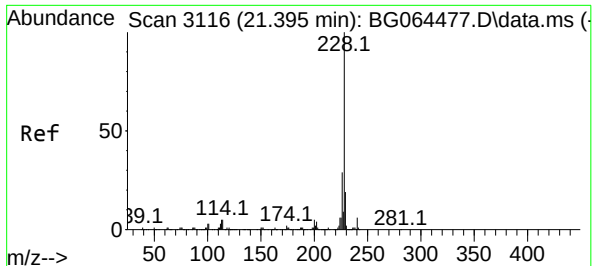
Reviewed By :Rahul Chavli 10/21/2025  
 Supervised By :Jagrut Upadhyay 10/21/2025



#80  
 Butylbenzylphthalate  
 Concen: 43.094 ng  
 RT: 20.502 min Scan# 2964  
 Delta R.T. 0.002 min  
 Lab File: BG064547.D  
 Acq: 20 Oct 2025 12:44

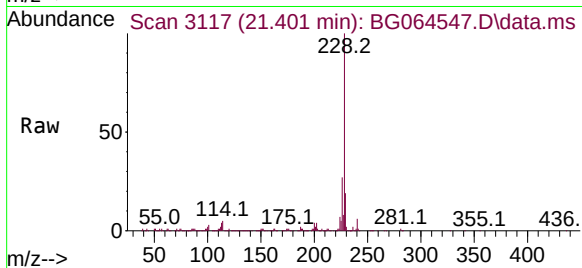
Tgt Ion:149 Resp: 112428  
 Ion Ratio Lower Upper  
 149 100  
 91 68.4 53.7 80.5  
 206 23.3 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 42.619 ng  
RT: 21.401 min Scan# 3116  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

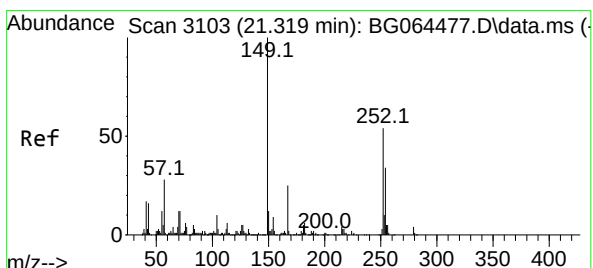
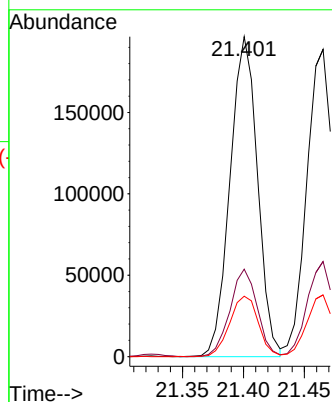
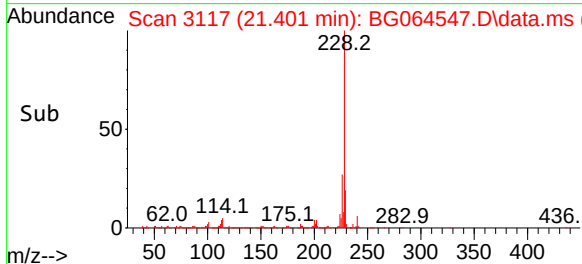
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 308599  
Ion Ratio Lower Upper  
228 100  
226 27.3 22.8 34.2  
229 18.9 15.2 22.8

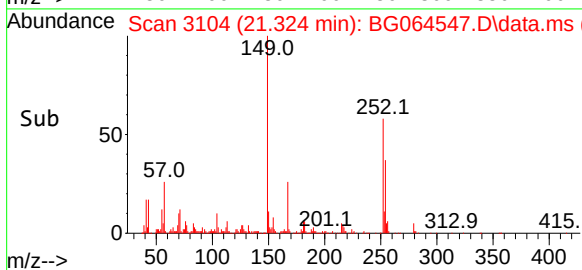
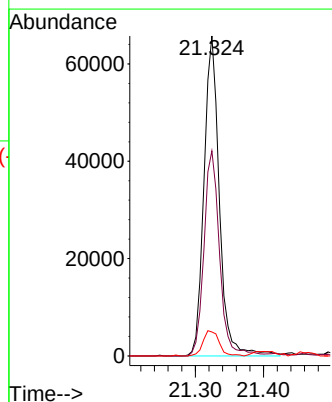
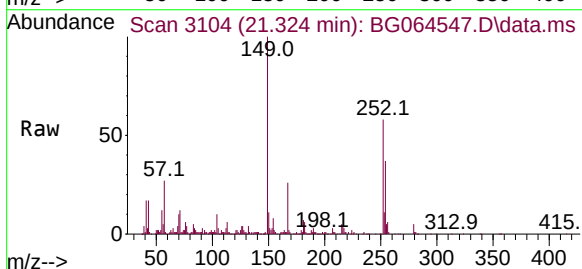
Manual Integrations  
APPROVED

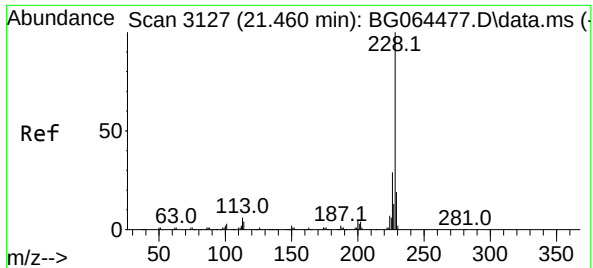
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 42.125 ng  
RT: 21.324 min Scan# 3104  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:252 Resp: 103237  
Ion Ratio Lower Upper  
252 100  
254 64.1 50.5 75.7  
126 7.5 7.1 10.7





#83

Chrysene

Concen: 42.501 ng

RT: 21.465 min Scan# 3127

Delta R.T. 0.014 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 291852

Ion Ratio Lower Upper

228 100

226 31.0 22.8 34.2

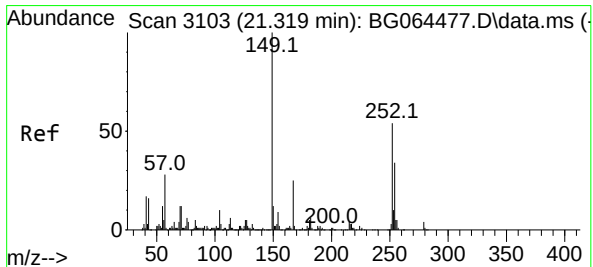
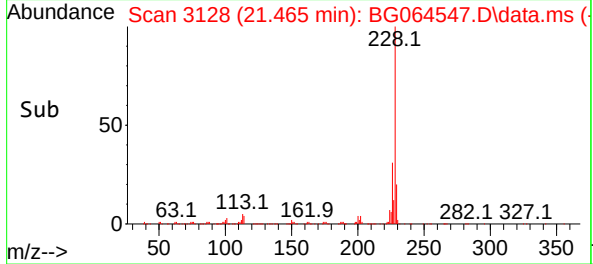
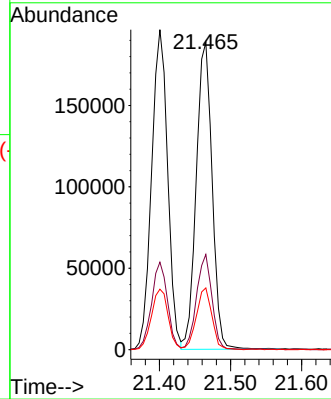
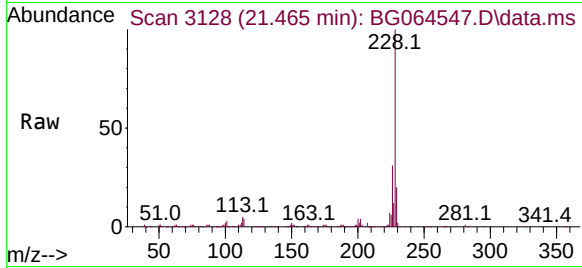
229 20.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.703 ng

RT: 21.318 min Scan# 3103

Delta R.T. 0.002 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

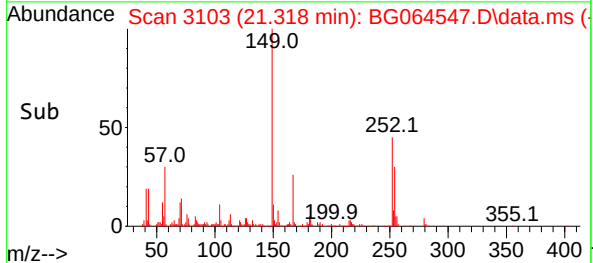
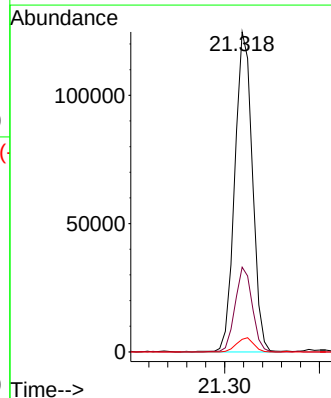
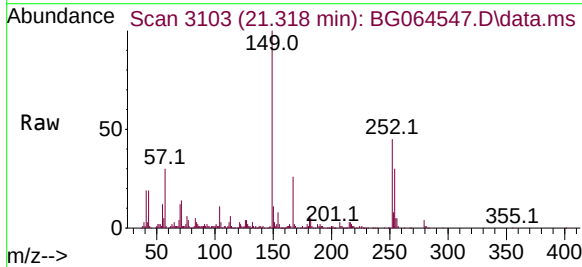
Tgt Ion:149 Resp: 160868

Ion Ratio Lower Upper

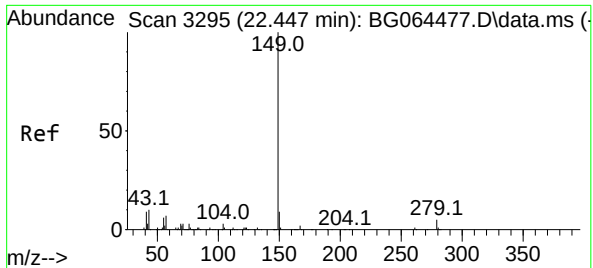
149 100

167 26.5 19.7 29.5

279 3.9 3.4 5.2

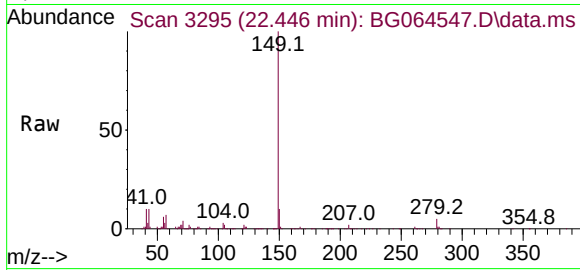






#85  
Di-n-octyl phthalate  
Concen: 43.922 ng  
RT: 22.446 min Scan# 3295  
Delta R.T. 0.008 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

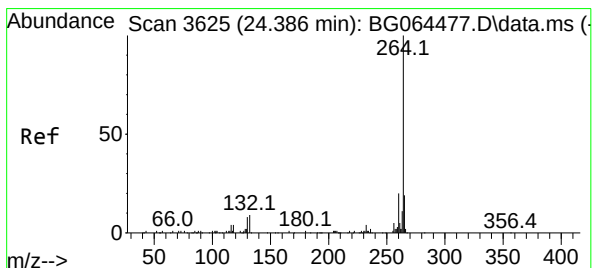
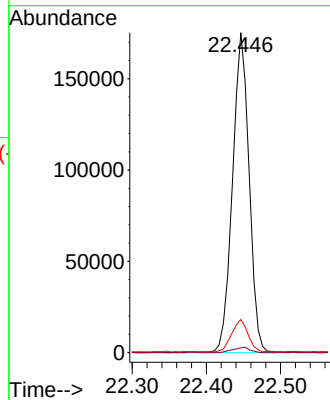
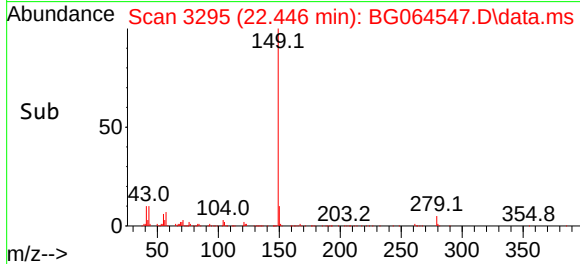
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 271723  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 10.3 7.9 11.9

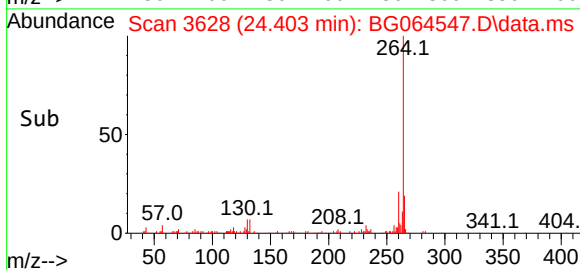
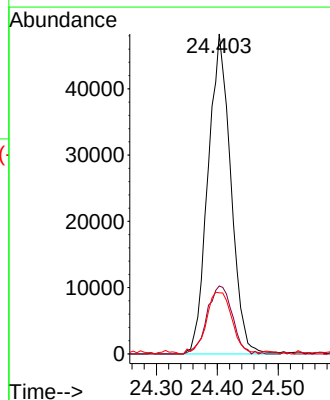
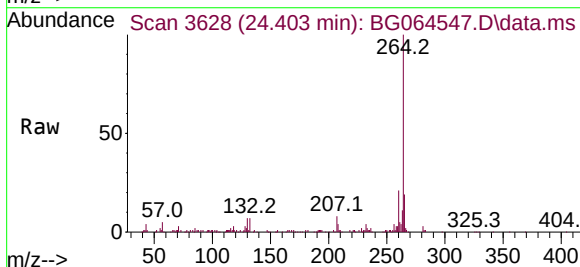
Manual Integrations  
APPROVED

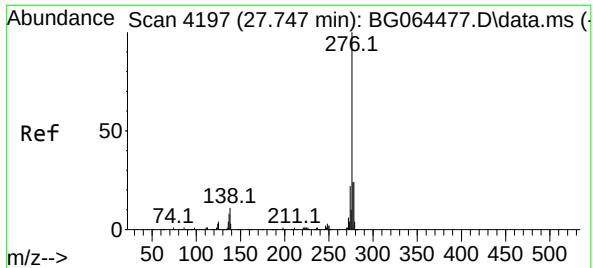
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.403 min Scan# 3628  
Delta R.T. 0.014 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

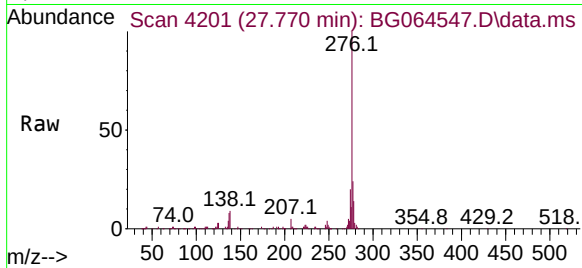
Tgt Ion:264 Resp: 125032  
Ion Ratio Lower Upper  
264 100  
260 21.2 16.2 24.4  
265 19.1 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.035 ng  
RT: 27.770 min Scan# 4197  
Delta R.T. 0.037 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

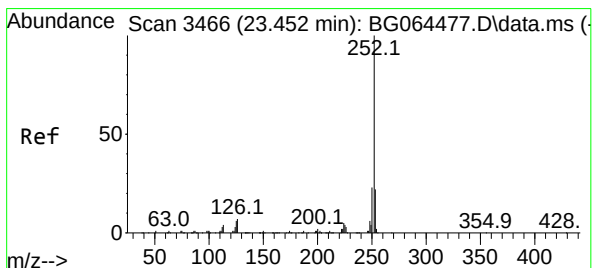
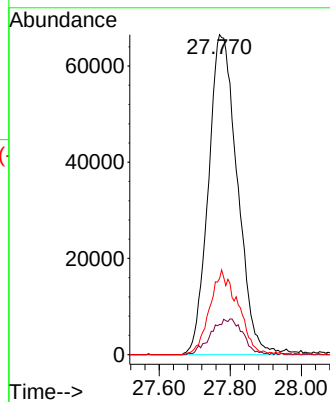
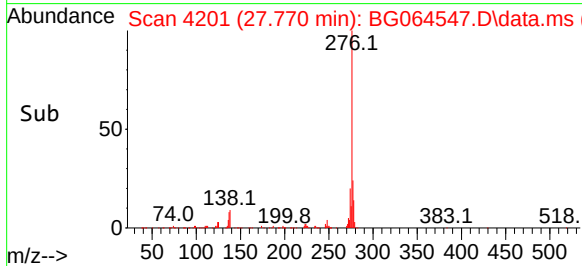
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:276 Resp: 374535  
Ion Ratio Lower Upper  
276 100  
138 0.0 10.8 16.2  
277 26.0 20.3 30.5

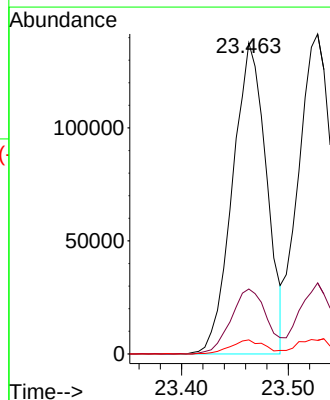
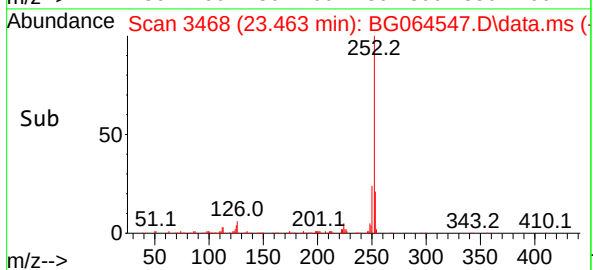
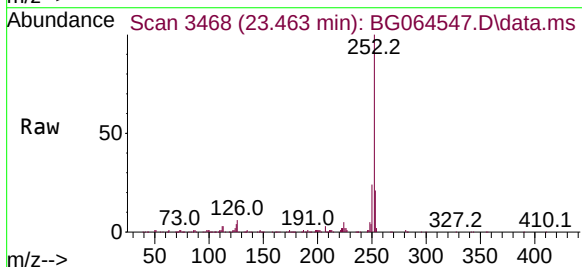
Manual Integrations  
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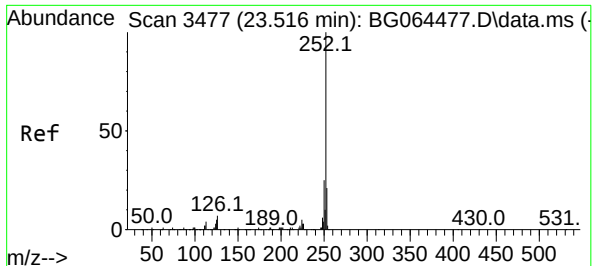
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#88  
Benzo(b)fluoranthene  
Concen: 42.780 ng  
RT: 23.463 min Scan# 3468  
Delta R.T. 0.014 min  
Lab File: BG064547.D  
Acq: 20 Oct 2025 12:44

Tgt Ion:252 Resp: 304295  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.5 26.3  
125 4.5 4.5 6.7





#89

Benzo(k)fluoranthene

Concen: 43.893 ng

RT: 23.528 min Scan# 3477

Delta R.T. 0.020 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

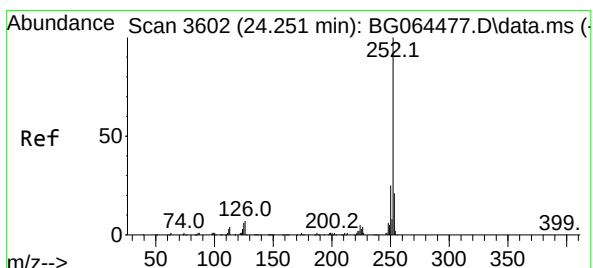
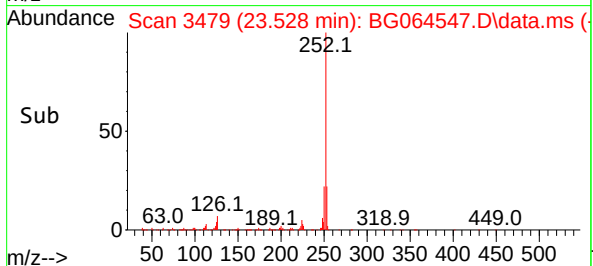
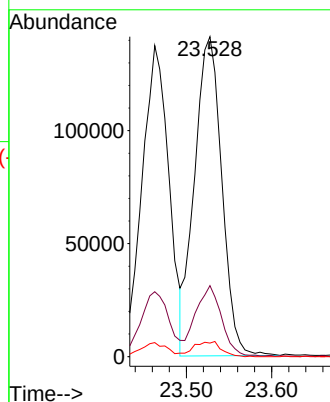
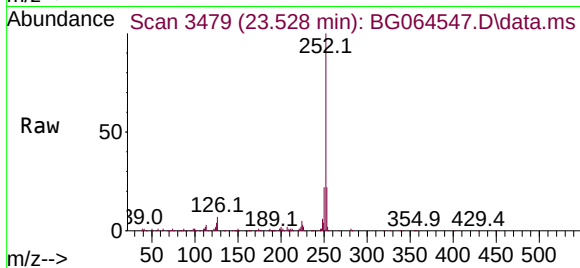
Tgt Ion:252 Resp: 314452

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.4  | 26.2  |
| 125 | 4.2   | 4.0   | 6.0   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#90

Benzo(a)pyrene

Concen: 43.417 ng

RT: 24.268 min Scan# 3605

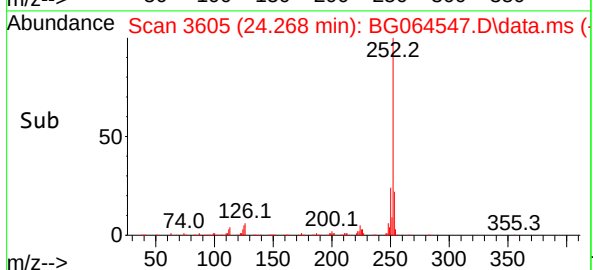
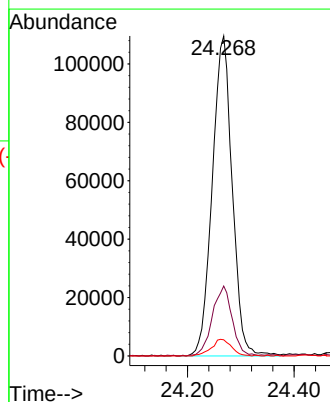
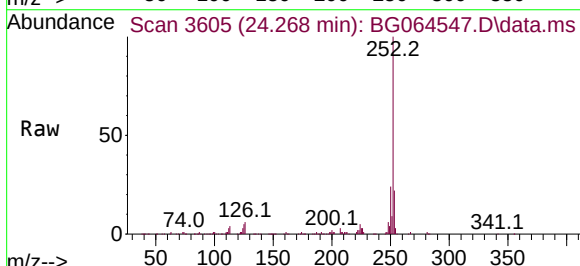
Delta R.T. 0.020 min

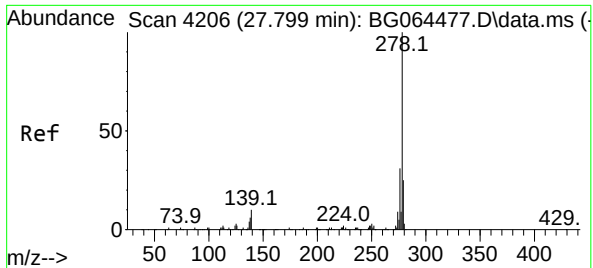
Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Tgt Ion:252 Resp: 284628

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 17.1  | 25.7  |
| 125 | 5.0   | 4.6   | 6.8   |





#91

Dibenzo(a,h)anthracene

Concen: 43.292 ng

RT: 27.823 min Scan# 41

Delta R.T. 0.043 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 301308

Ion Ratio Lower Upper

278 100

139 7.2 8.2 12.2

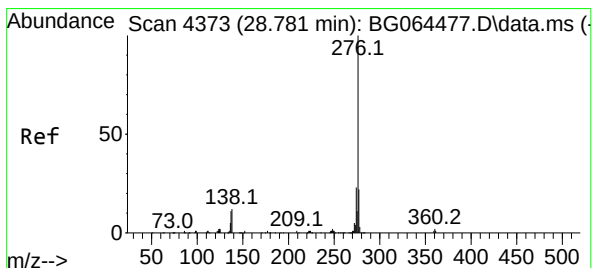
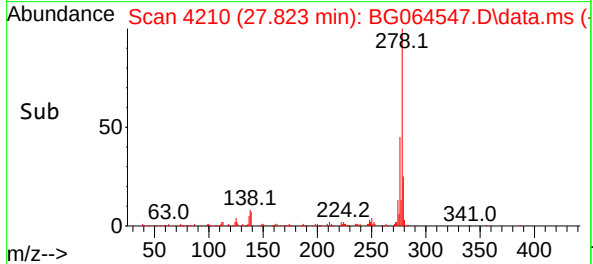
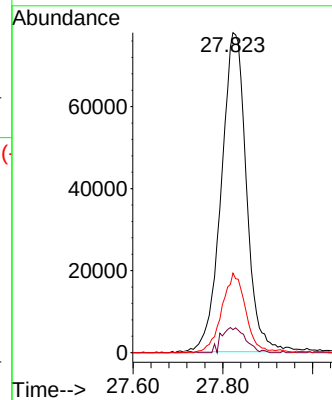
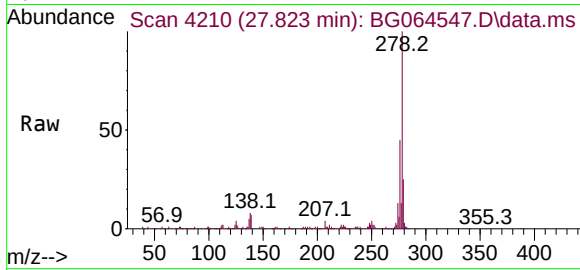
279 24.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#92

Benzo(g,h,i)perylene

Concen: 42.845 ng

RT: 28.821 min Scan# 4380

Delta R.T. 0.055 min

Lab File: BG064547.D

Acq: 20 Oct 2025 12:44

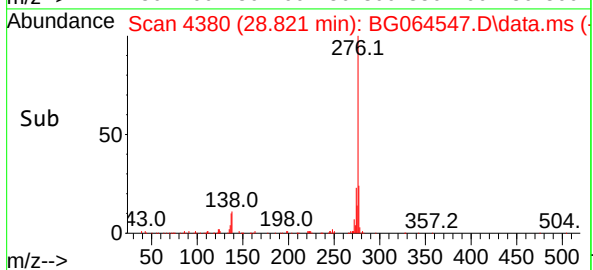
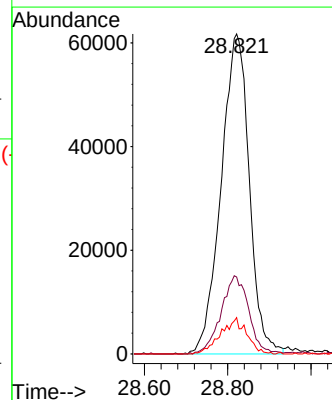
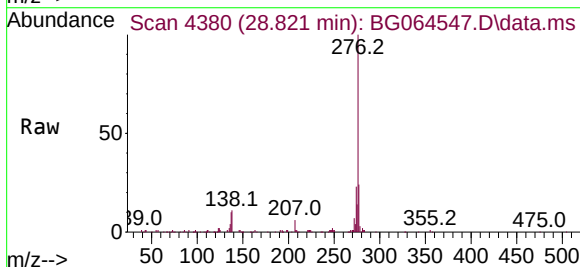
Tgt Ion:276 Resp: 289782

Ion Ratio Lower Upper

276 100

277 24.0 17.8 26.6

138 11.3 9.4 14.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064547.D  
 Acq On : 20 Oct 2025 12:44  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 20 16:36:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 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   | 77    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 35.246 | 11.9  | 66    | 0.00     |
| 3    | Pyridine                    | 40.000 | 30.091 | 24.8  | 54    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.937 | -2.3  | 76    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 88.419 | -10.5 | 77    | 0.00     |
| 6    | Aniline                     | 40.000 | 45.327 | -13.3 | 79    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 88.675 | -10.8 | 76    | 0.01     |
| 8    | 2-Chlorophenol              | 40.000 | 43.674 | -9.2  | 77    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 43.215 | -8.0  | 70    | 0.00     |
| 10 C | Phenol                      | 40.000 | 42.839 | -7.1  | 75    | 0.01     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.087 | -5.2  | 74    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 44.437 | -11.1 | 79    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 44.070 | -10.2 | 78    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 43.259 | -8.1  | 78    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 45.138 | -12.8 | 80    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.672 | 5.8   | 67    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 44.767 | -11.9 | 79    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 43.036 | -7.6  | 79    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 45.502 | -13.8 | 78    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 43.559 | -8.9  | 77    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 79    | 0.00     |
| 22   | Acetophenone                | 40.000 | 43.451 | -8.6  | 81    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 86.682 | -8.4  | 81    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.889 | -4.7  | 78    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.946 | -4.9  | 77    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.930 | -9.8  | 84    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 44.205 | -10.5 | 83    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 42.484 | -6.2  | 77    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 43.940 | -9.8  | 83    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 43.835 | -9.6  | 82    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 43.468 | -8.7  | 80    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.310 | -3.3  | 77    | 0.07     |
| 33   | 4-Chloroaniline             | 40.000 | 41.738 | -4.3  | 78    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 44.321 | -10.8 | 84    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.243 | -5.6  | 81    | 0.05     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 43.097 | -7.7  | 81    | 0.01     |
| 37   | 2-Methylnaphthalene         | 40.000 | 42.584 | -6.5  | 79    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 42.182 | -5.5  | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 81    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.420 | -3.6  | 77    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 45.006 | -12.5 | 85    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 86.640 | -8.3  | 84    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 45.612 | -14.0 | 86    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.137 | -5.3  | 81    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 85.677 | -7.1  | 83    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.504 | -3.8  | 80    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 42.313 | -5.8  | 80    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064547.D  
 Acq On : 20 Oct 2025 12:44  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 20 16:36:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 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 | 44.061 | -10.2 | 83    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 43.163 | -7.9  | 82    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 42.222 | -5.6  | 83    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.820 | -7.1  | 84    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.898 | -4.7  | 82    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.972 | -4.9  | 81    | 0.01     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 33.990 | 15.0  | 79    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 42.794 | -7.0  | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 37.784 | 5.5   | 70    | 0.02     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.271 | -5.7  | 81    | 0.00     |
| 58   | Fluorene                   | 40.000 | 42.692 | -6.7  | 83    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.129 | -7.8  | 82    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 42.669 | -6.7  | 84    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 42.549 | -6.4  | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.111 | -7.8  | 82    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.425 | -3.6  | 82    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 82    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.746 | -4.4  | 82    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.507 | -6.3  | 82    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 43.046 | -7.6  | 82    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 43.997 | -10.0 | 84    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.416 | -1.0  | 79    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.817 | -7.0  | 82    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 42.087 | -5.2  | 81    | 0.00     |
| 72   | Anthracene                 | 40.000 | 43.067 | -7.7  | 82    | 0.00     |
| 73   | Carbazole                  | 40.000 | 42.326 | -5.8  | 80    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.433 | -6.1  | 81    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.884 | -4.7  | 81    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 82    | 0.00     |
| 77   | Benzydine                  | 40.000 | 47.695 | -19.2 | 75    | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.769 | -4.4  | 80    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 85.798 | -7.2  | 83    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.094 | -7.7  | 82    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 42.619 | -6.5  | 83    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.125 | -5.3  | 82    | 0.00     |
| 83   | Chrysene                   | 40.000 | 42.501 | -6.3  | 82    | 0.01     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.703 | -9.3  | 84    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 43.922 | -9.8  | 85    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 85    | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.035 | -7.6  | 85    | 0.04     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.780 | -7.0  | 85    | 0.01     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 43.893 | -9.7  | 87    | 0.02     |
| 90 C | Benzo(a)pyrene             | 40.000 | 43.417 | -8.5  | 86    | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 43.292 | -8.2  | 86    | 0.04     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.845 | -7.1  | 85    | 0.05     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064547.D  
Acq On : 20 Oct 2025 12:44  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 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) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

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(#) = Out of Range                      SPCC's out = 0    CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064547.D  
 Acq On : 20 Oct 2025 12:44  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 20 16:36:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 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   | 77    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.427 | 0.377 | 11.7  | 66    | 0.00     |
| 3    | Pyridine                    | 1.149 | 0.864 | 24.8  | 54    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.833 | 0.852 | -2.3  | 76    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.081 | 1.194 | -10.5 | 77    | 0.00     |
| 6    | Aniline                     | 1.832 | 2.076 | -13.3 | 79    | 0.00     |
| 7 S  | Phenol-d6                   | 1.452 | 1.610 | -10.9 | 76    | 0.01     |
| 8    | 2-Chlorophenol              | 1.327 | 1.449 | -9.2  | 77    | 0.00     |
| 9    | Benzaldehyde                | 1.289 | 1.393 | -8.1  | 70    | 0.00     |
| 10 C | Phenol                      | 1.532 | 1.641 | -7.1  | 75    | 0.01     |
| 11   | bis(2-Chloroethyl)ether     | 1.038 | 1.092 | -5.2  | 74    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.452 | 1.613 | -11.1 | 79    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.457 | 1.605 | -10.2 | 78    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.436 | 1.553 | -8.1  | 78    | 0.00     |
| 15   | Benzyl Alcohol              | 1.337 | 1.509 | -12.9 | 80    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.672 | 1.575 | 5.8   | 67    | 0.00     |
| 17   | 2-Methylphenol              | 1.109 | 1.242 | -12.0 | 79    | 0.00     |
| 18   | Hexachloroethane            | 0.575 | 0.619 | -7.7  | 79    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.971 | 1.105 | -13.8 | 78    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.548 | 1.686 | -8.9  | 77    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 79    | 0.00     |
| 22   | Acetophenone                | 0.484 | 0.526 | -8.7  | 81    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.372 | 0.403 | -8.3  | 81    | 0.00     |
| 24   | Nitrobenzene                | 0.371 | 0.388 | -4.6  | 78    | 0.00     |
| 25   | Isophorone                  | 0.674 | 0.707 | -4.9  | 77    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.185 | 0.203 | -9.7  | 84    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.312 | -10.6 | 83    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.343 | 0.365 | -6.4  | 77    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.326 | 0.358 | -9.8  | 83    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.390 | -9.6  | 82    | 0.00     |
| 31   | Naphthalene                 | 1.030 | 1.119 | -8.6  | 80    | 0.00     |
| 32   | Benzoic acid                | 0.216 | 0.224 | -3.7  | 77    | 0.07     |
| 33   | 4-Chloroaniline             | 0.395 | 0.412 | -4.3  | 78    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.304 | 0.337 | -10.9 | 84    | 0.00     |
| 35   | Caprolactam                 | 0.112 | 0.118 | -5.4  | 81    | 0.05     |
| 36 C | 4-Chloro-3-methylphenol     | 0.397 | 0.427 | -7.6  | 81    | 0.01     |
| 37   | 2-Methylnaphthalene         | 0.791 | 0.842 | -6.4  | 79    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.788 | 0.831 | -5.5  | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 81    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.646 | 0.669 | -3.6  | 77    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.338 | 0.380 | -12.4 | 85    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.363 | 0.393 | -8.3  | 84    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.413 | 0.471 | -14.0 | 86    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.461 | 0.485 | -5.2  | 81    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.357 | 1.453 | -7.1  | 83    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.438 | 1.493 | -3.8  | 80    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.074 | 1.136 | -5.8  | 80    | 0.00     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064547.D  
 Acq On : 20 Oct 2025 12:44  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 20 16:36:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 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             | 0.367 | 0.404 | -10.1 | 83    | 0.00     |
| 49   | Acenaphthylene             | 1.594 | 1.720 | -7.9  | 82    | 0.00     |
| 50   | Dimethylphthalate          | 1.566 | 1.653 | -5.6  | 83    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.326 | 0.349 | -7.1  | 84    | 0.00     |
| 52 C | Acenaphthene               | 1.108 | 1.160 | -4.7  | 82    | 0.00     |
| 53   | 3-Nitroaniline             | 0.301 | 0.316 | -5.0  | 81    | 0.01     |
| 54 P | 2,4-Dinitrophenol          | 0.237 | 0.201 | 15.2  | 79    | 0.00     |
| 55   | Dibenzofuran               | 1.829 | 1.957 | -7.0  | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.237 | 0.224 | 5.5   | 70    | 0.02     |
| 57   | 2,4-Dinitrotoluene         | 0.499 | 0.527 | -5.6  | 81    | 0.00     |
| 58   | Fluorene                   | 1.520 | 1.623 | -6.8  | 83    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.470 | 0.507 | -7.9  | 82    | 0.00     |
| 60   | Diethylphthalate           | 1.680 | 1.793 | -6.7  | 84    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.830 | 0.883 | -6.4  | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 0.314 | 0.338 | -7.6  | 82    | 0.00     |
| 63   | Azobenzene                 | 1.301 | 1.348 | -3.6  | 82    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 82    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.139 | 0.145 | -4.3  | 82    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.534 | 0.568 | -6.4  | 82    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.235 | 0.253 | -7.7  | 82    | 0.00     |
| 68   | Hexachlorobenzene          | 0.269 | 0.296 | -10.0 | 84    | 0.00     |
| 69   | Atrazine                   | 0.238 | 0.240 | -0.8  | 79    | 0.00     |
| 70 C | Pentachlorophenol          | 0.157 | 0.169 | -7.6  | 82    | 0.00     |
| 71   | Phenanthrene               | 1.046 | 1.100 | -5.2  | 81    | 0.00     |
| 72   | Anthracene                 | 1.049 | 1.130 | -7.7  | 82    | 0.00     |
| 73   | Carbazole                  | 0.907 | 0.960 | -5.8  | 80    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.107 | 1.174 | -6.1  | 81    | 0.00     |
| 75 C | Fluoranthene               | 1.250 | 1.308 | -4.6  | 81    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 82    | 0.00     |
| 77   | Benzydine                  | 0.498 | 0.593 | -19.1 | 75    | 0.00     |
| 78   | Pyrene                     | 1.298 | 1.355 | -4.4  | 80    | 0.00     |
| 79 S | Terphenyl-d14              | 1.057 | 1.133 | -7.2  | 83    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.460 | 0.496 | -7.8  | 82    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.277 | 1.361 | -6.6  | 83    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.432 | 0.455 | -5.3  | 82    | 0.00     |
| 83   | Chrysene                   | 1.211 | 1.287 | -6.3  | 82    | 0.01     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.649 | 0.709 | -9.2  | 84    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.091 | 1.198 | -9.8  | 85    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 85    | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.392 | 1.498 | -7.6  | 85    | 0.04     |
| 88   | Benzo(b)fluoranthene       | 1.138 | 1.217 | -6.9  | 85    | 0.01     |
| 89   | Benzo(k)fluoranthene       | 1.146 | 1.257 | -9.7  | 87    | 0.02     |
| 90 C | Benzo(a)pyrene             | 1.049 | 1.138 | -8.5  | 86    | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 1.113 | 1.205 | -8.3  | 86    | 0.04     |
| 92   | Benzo(g,h,i)perylene       | 1.082 | 1.159 | -7.1  | 85    | 0.05     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064547.D  
Acq On : 20 Oct 2025 12:44  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 20 16:36:23 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 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



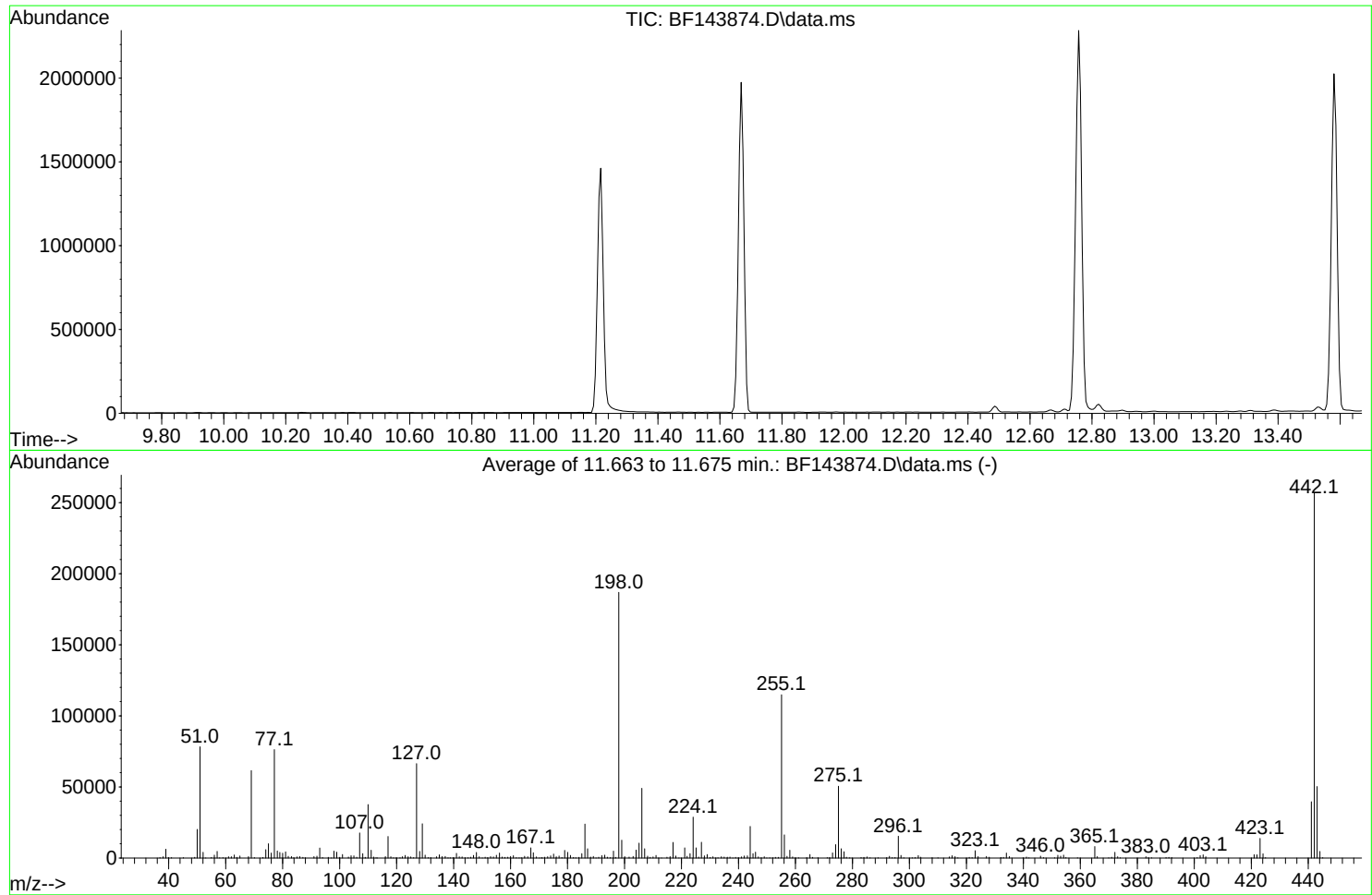
# QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143874.D  
Acq On : 06 Oct 2025 09:30  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Mon Oct 06 15:29:47 2025



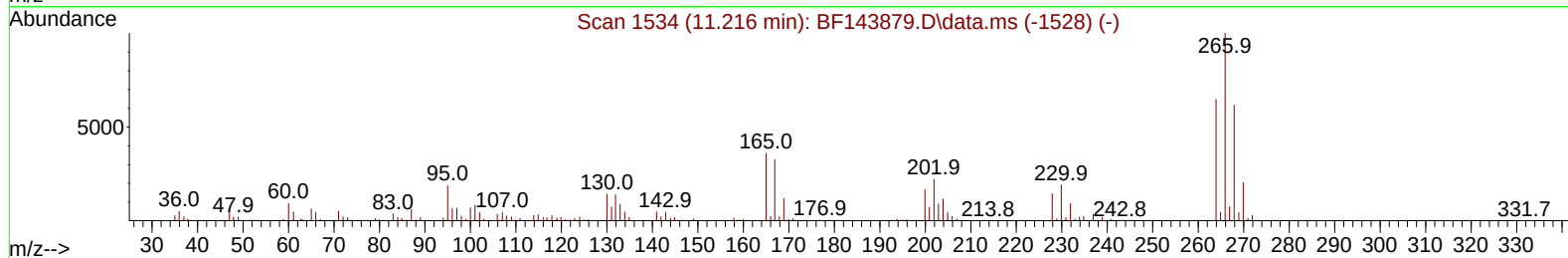
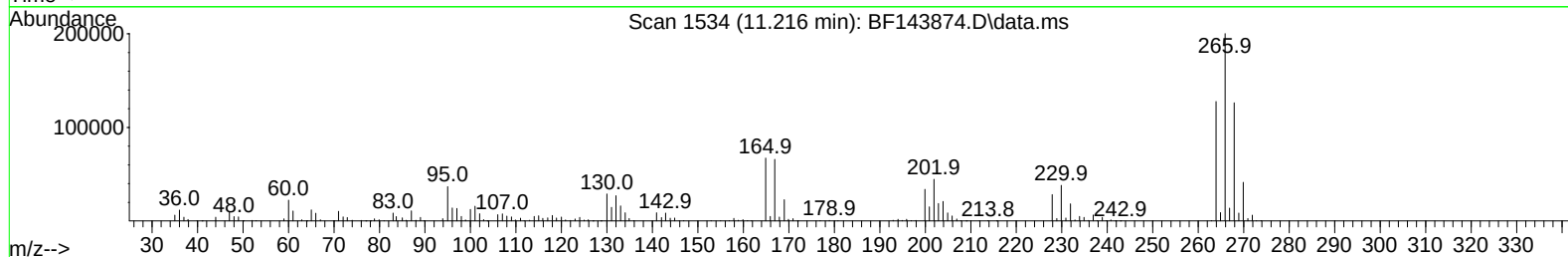
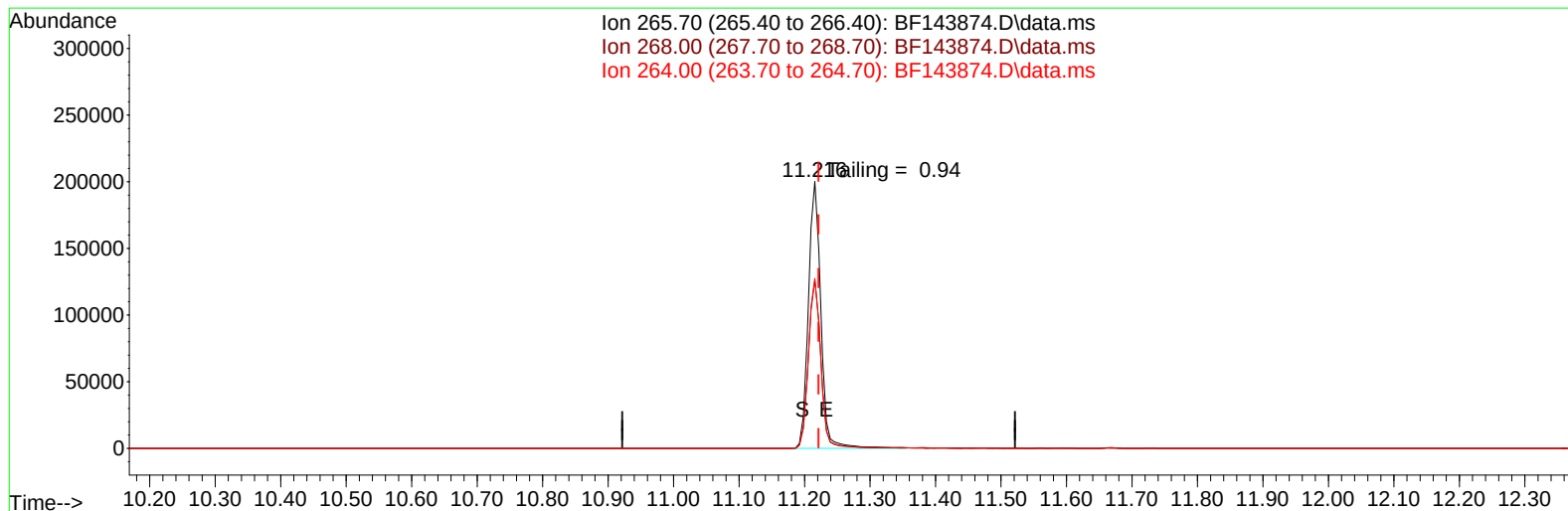
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 1.6   | 971    | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 61475  | PASS      |
| 70     | 69      | 0.00   | 2      | 0.4   | 240    | PASS      |
| 197    | 198     | 0.00   | 2      | 0.3   | 472    | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 186859 | PASS      |
| 199    | 198     | 5      | 9      | 6.7   | 12573  | PASS      |
| 365    | 198     | 1      | 100    | 4.3   | 8075   | PASS      |
| 441    | 443     | 0.01   | 150    | 78.8  | 39600  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 256555 | PASS      |
| 443    | 442     | 15     | 24     | 19.6  | 50245  | PASS      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143874.D  
Acq On : 06 Oct 2025 09:30  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 06 15:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF143874.D\data.ms

**(70) Pentachlorophenol (C)**

**11.216min (-0.006) 36564.81 ng**

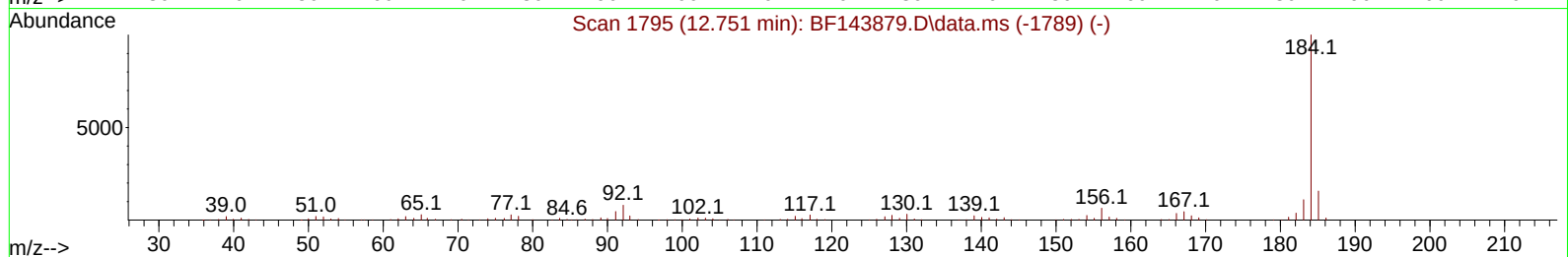
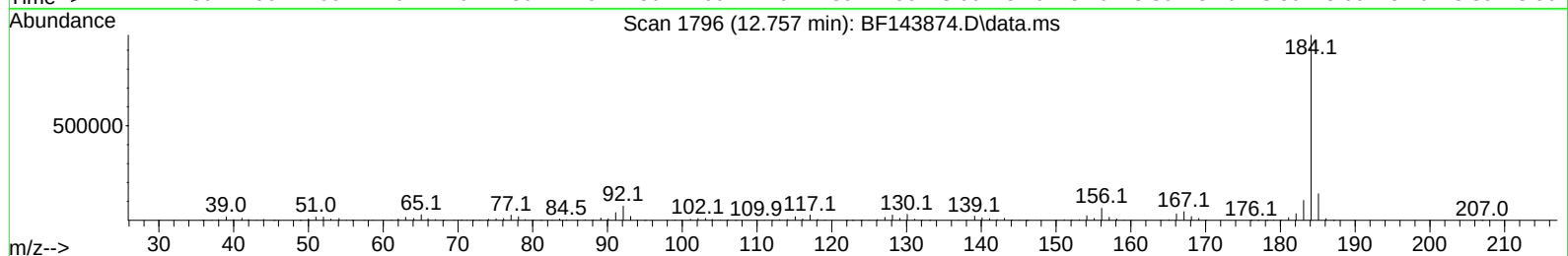
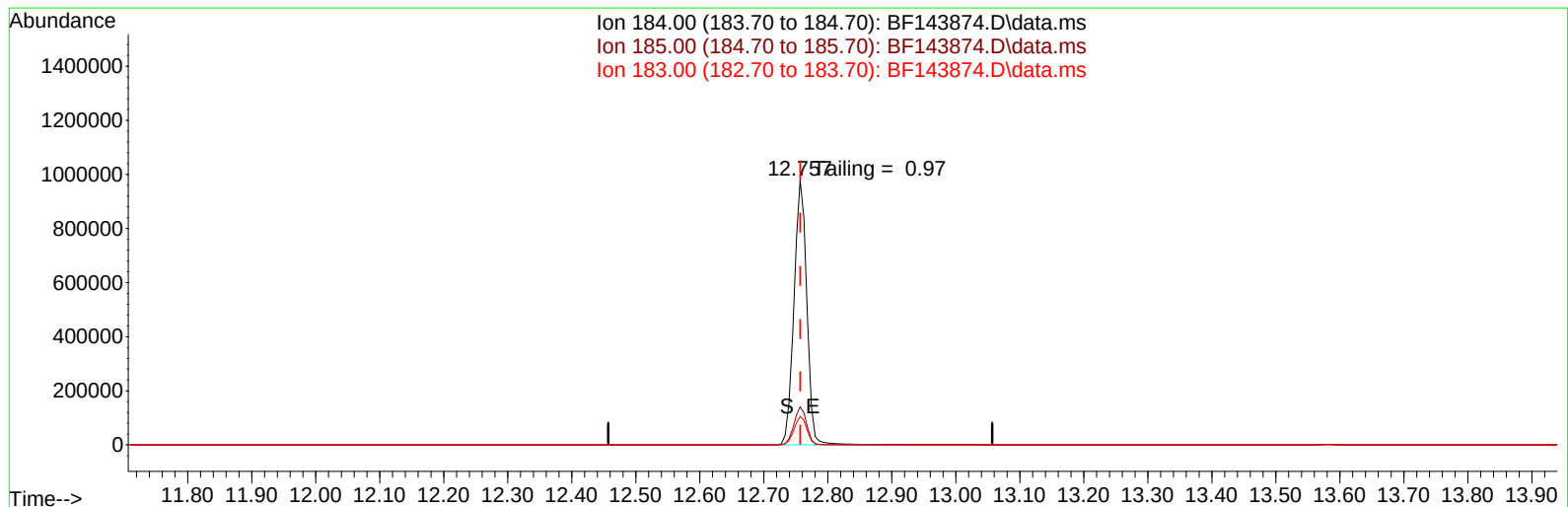
**response 265194**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.70  | 63.10  |
| 264.00 | 64.70  | 63.76  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100625\  
Data File : BF143874.D  
Acq On : 06 Oct 2025 09:30  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 06 15:36:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF143874.D\data.ms

**(77) Benzidine**

12.757min (-0.000) 0.00 ng

response 1371993

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.70  | 14.38  |
| 183.00 | 11.00  | 10.78  |
| 0.00   | 0.00   | 0.00   |

Instrument :

BNA\_F

ClientSampleId :

DFTPP

DDT Breakdown

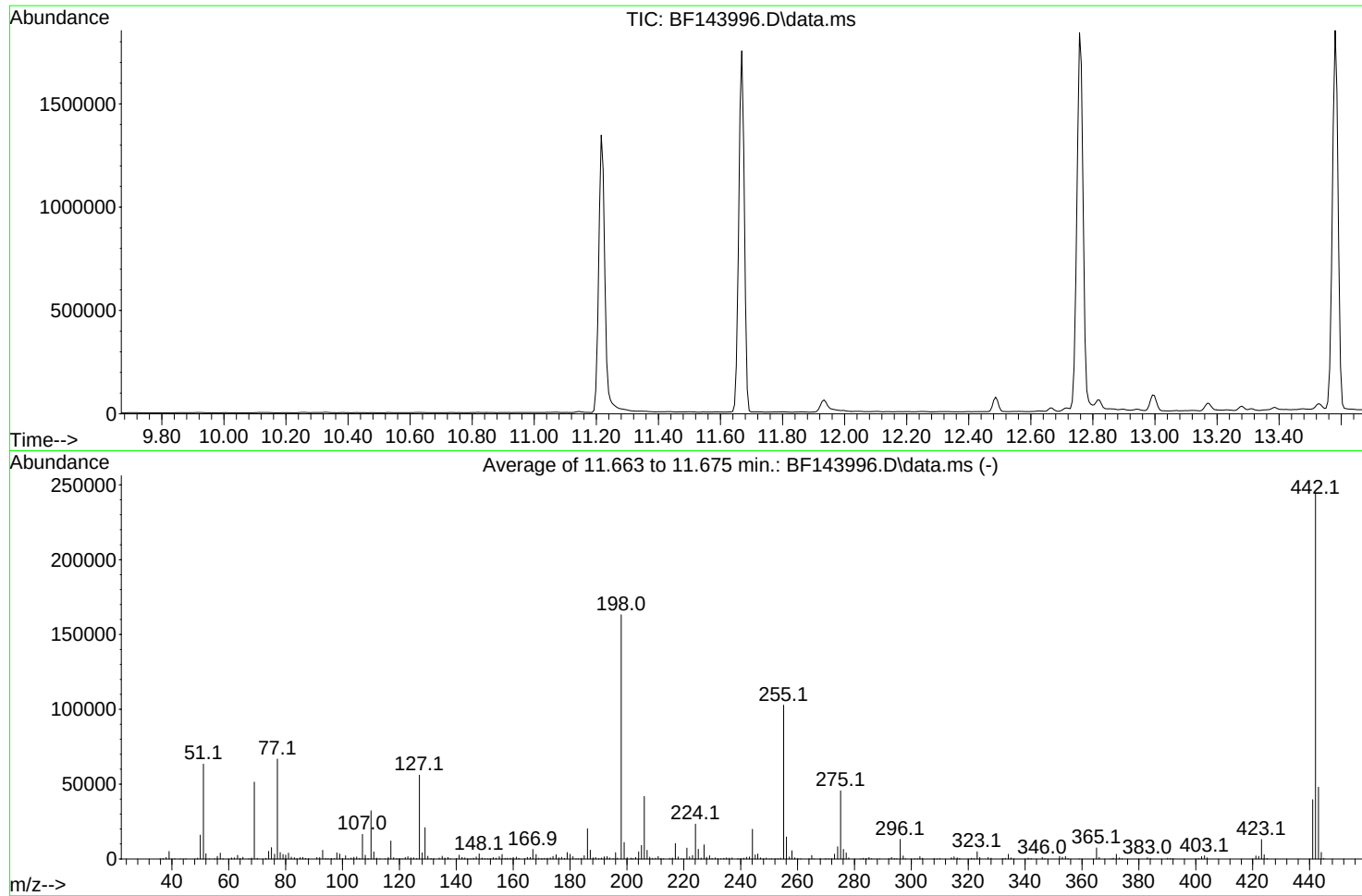
| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/6/2025     | BNA_F            | <u>BF143874.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 503395           | 13.58              |
| DDD           | 4048             | 13.31              |
| DDE           | 763              | 12.945             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 4811          | 508206           | 0.95               |
|               |                  |                    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
Data File : BF143996.D  
Acq On : 20 Oct 2025 12:02  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Mon Oct 06 15:29:47 2025



AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

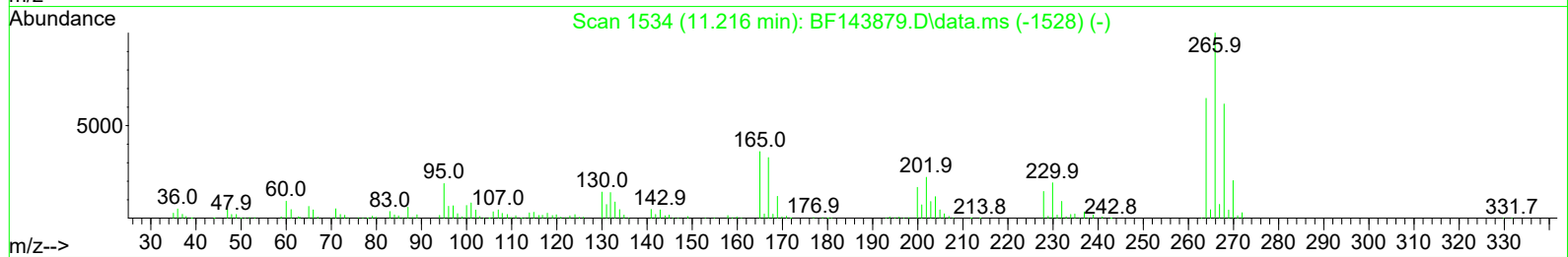
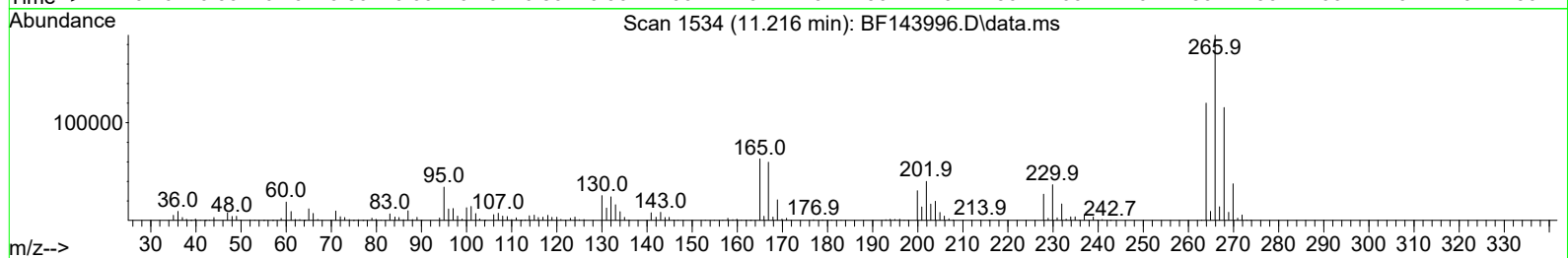
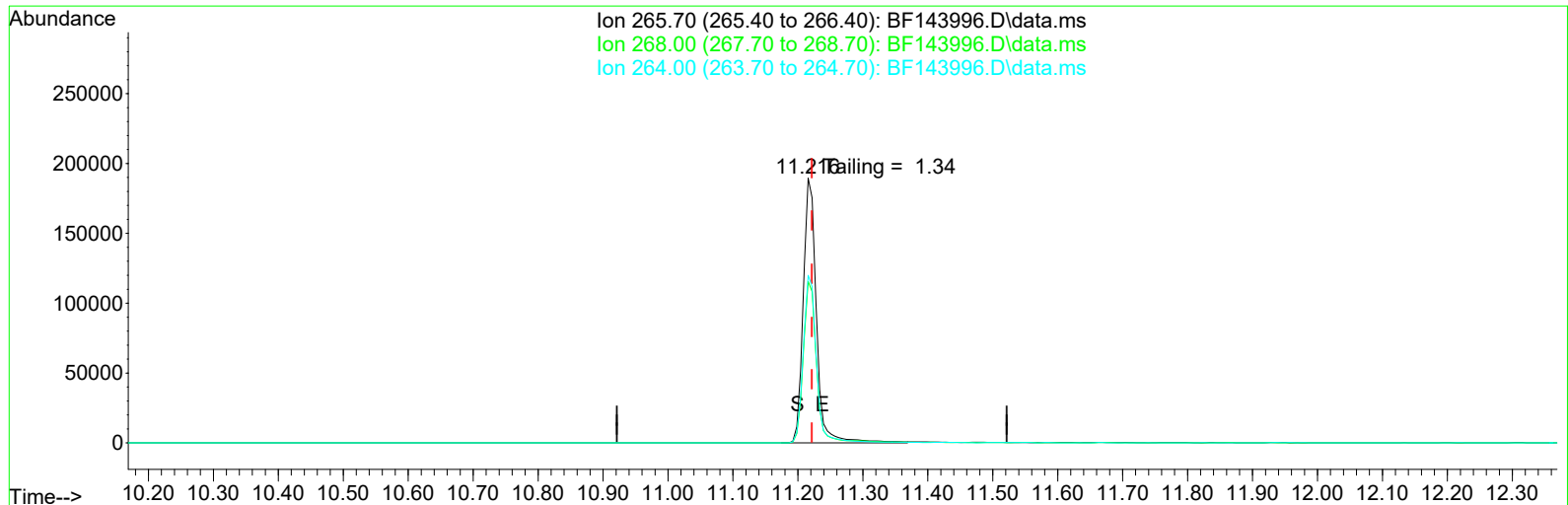
| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 68             | 69              | 0.00            | 2               | 1.3          | 676        | PASS                |
| 69             | 69              | 100             | 100             | 100.0        | 51413      | PASS                |
| 70             | 69              | 0.00            | 2               | 0.8          | 426        | PASS                |
| 197            | 198             | 0.00            | 2               | 0.4          | 599        | PASS                |
| 198            | 198             | 100             | 100             | 100.0        | 163200     | PASS                |
| 199            | 198             | 5               | 9               | 6.8          | 11025      | PASS                |
| 365            | 198             | 1               | 100             | 4.5          | 7333       | PASS                |
| 441            | 443             | 0.01            | 150             | 82.5         | 39595      | PASS                |
| 442            | 442             | 100             | 100             | 100.0        | 243989     | PASS                |
| 443            | 442             | 15              | 24              | 19.7         | 47997      | PASS                |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
Data File : BF143996.D  
Acq On : 20 Oct 2025 12:02  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 20 17:03:03 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF143996.D\data.ms

**(70) Pentachlorophenol (C)**

**11.216min (-0.006) 91778.74 ng**

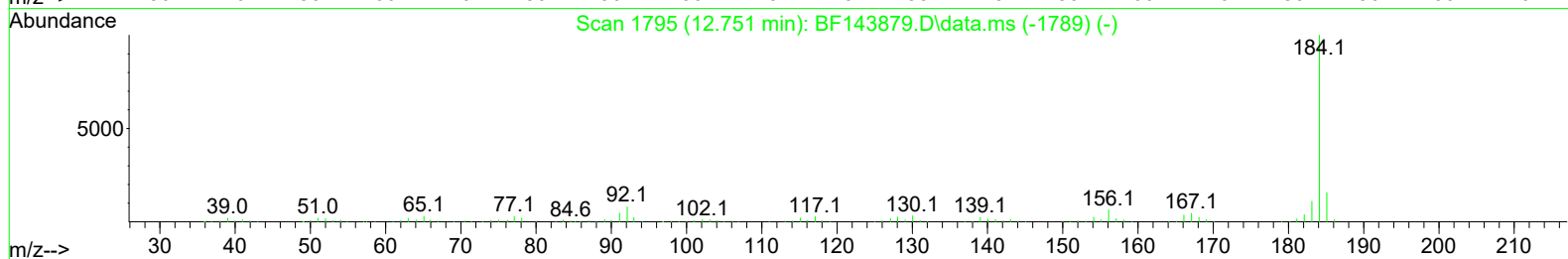
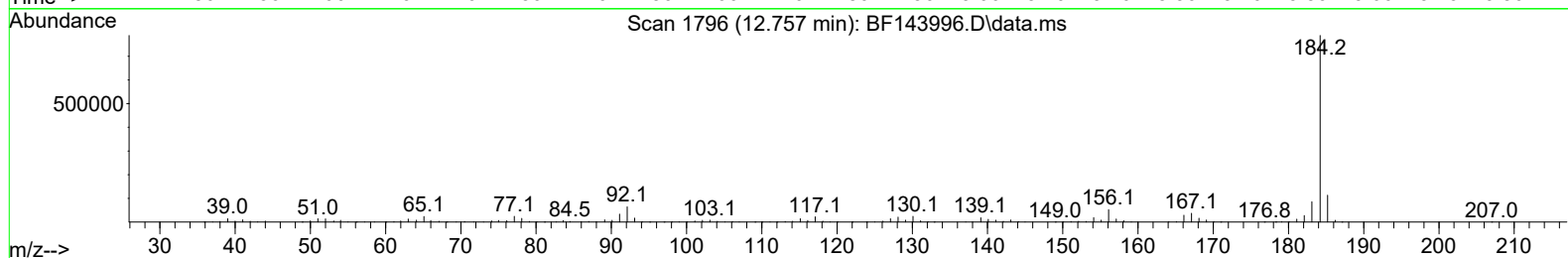
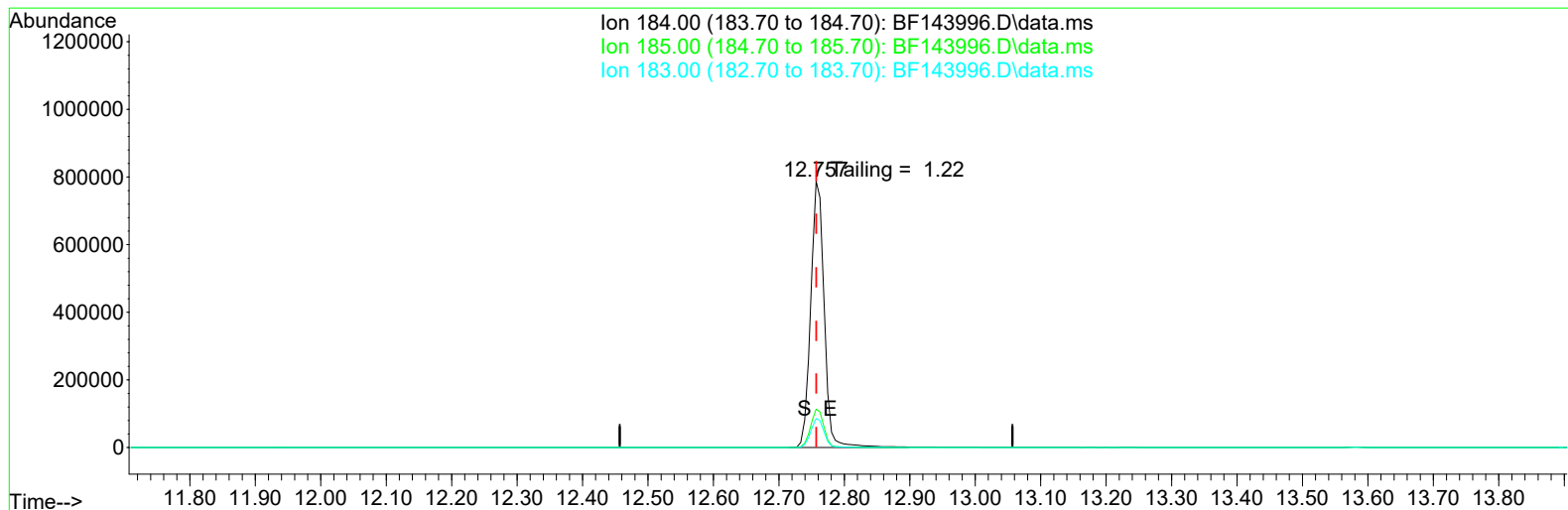
**response 268416**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.70  | 61.01  |
| 264.00 | 64.70  | 63.35  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
Data File : BF143996.D  
Acq On : 20 Oct 2025 12:02  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 20 17:03:03 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF143996.D\data.ms

**(77) Benzidine**

12.757min (-0.000) 58721.78 ng

response 1131625

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.70  | 14.43  |
| 183.00 | 11.00  | 10.88  |
| 0.00   | 0.00   | 0.00   |

## DDT Breakdown

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

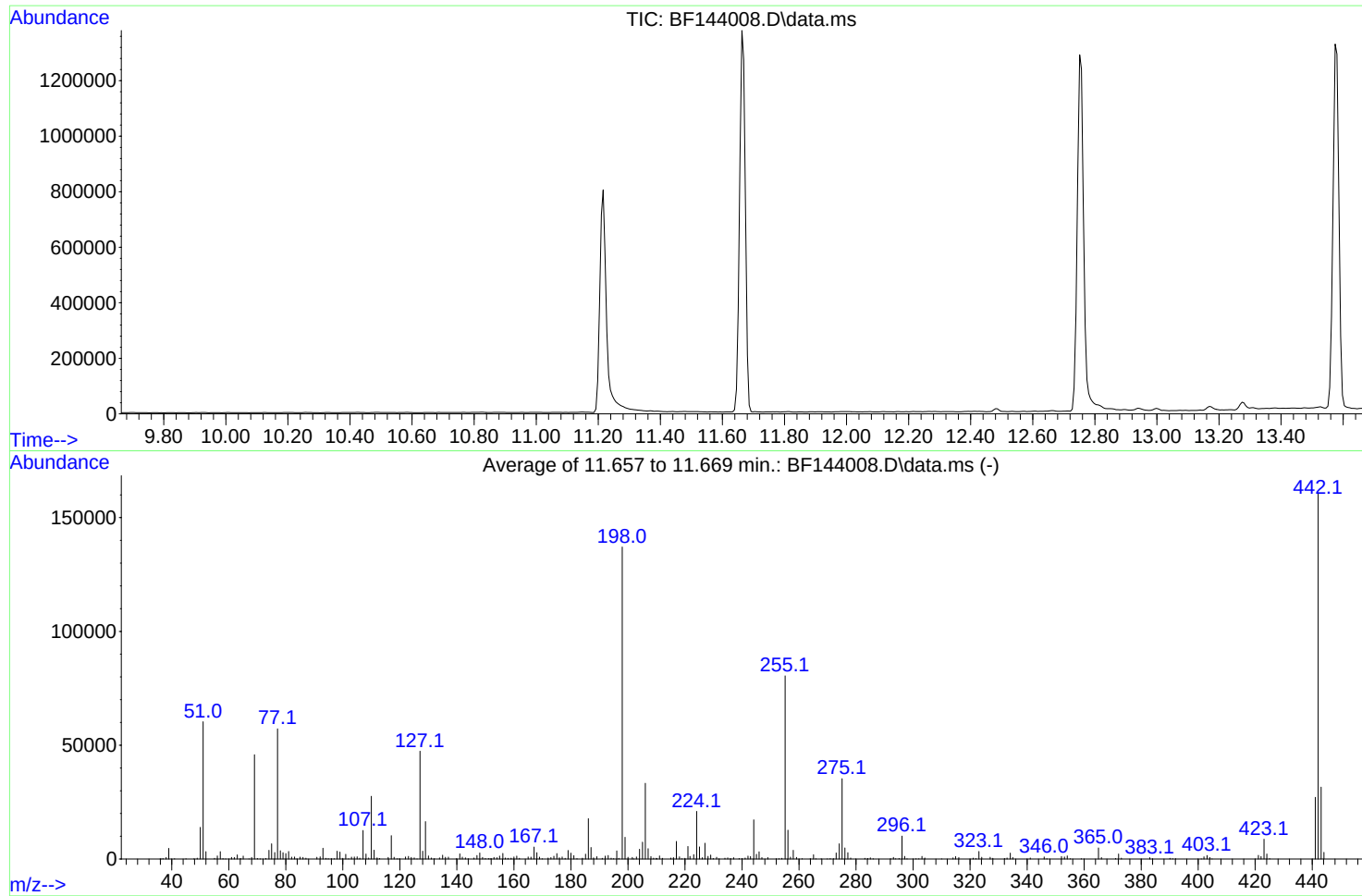
| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/20/2025    | BNA_F            | <u>BF143996.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 497907           | 13.58              |
| DDD           | 9211             | 13.28              |
| DDE           | 3438             | 12.945             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 12649         | 510556           | 2.48               |
|               |                  |                    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144008.D  
Acq On : 21 Oct 2025 12:43  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Mon Oct 06 15:29:47 2025



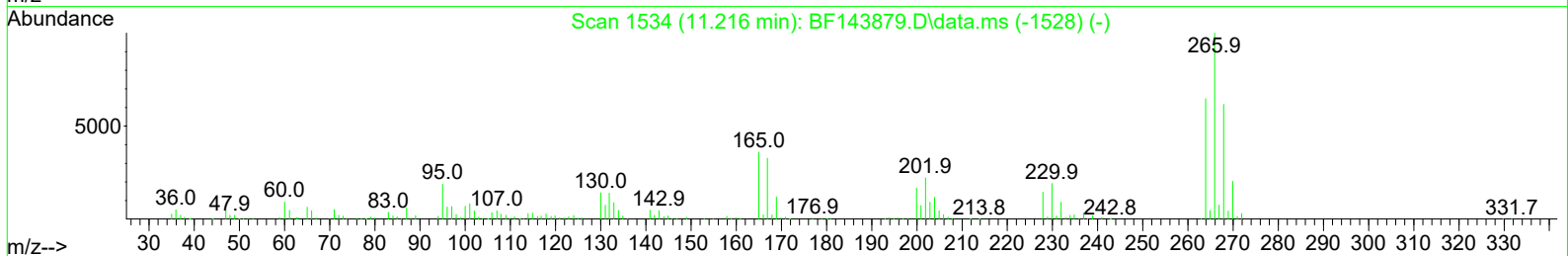
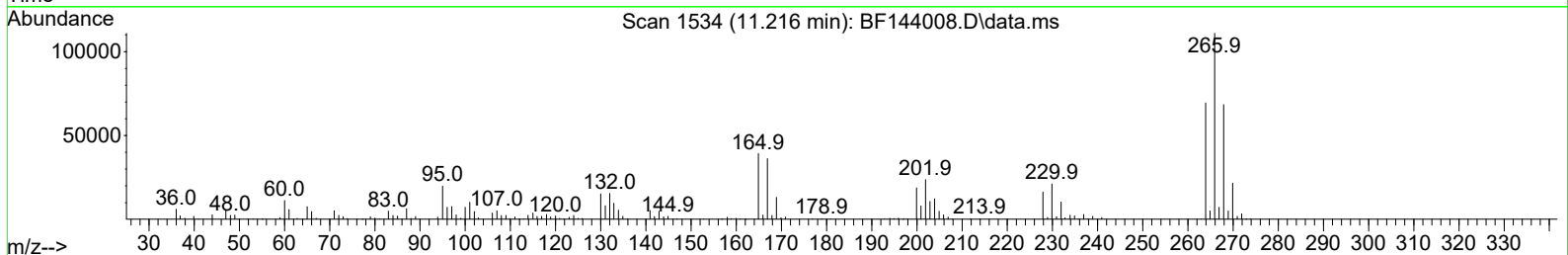
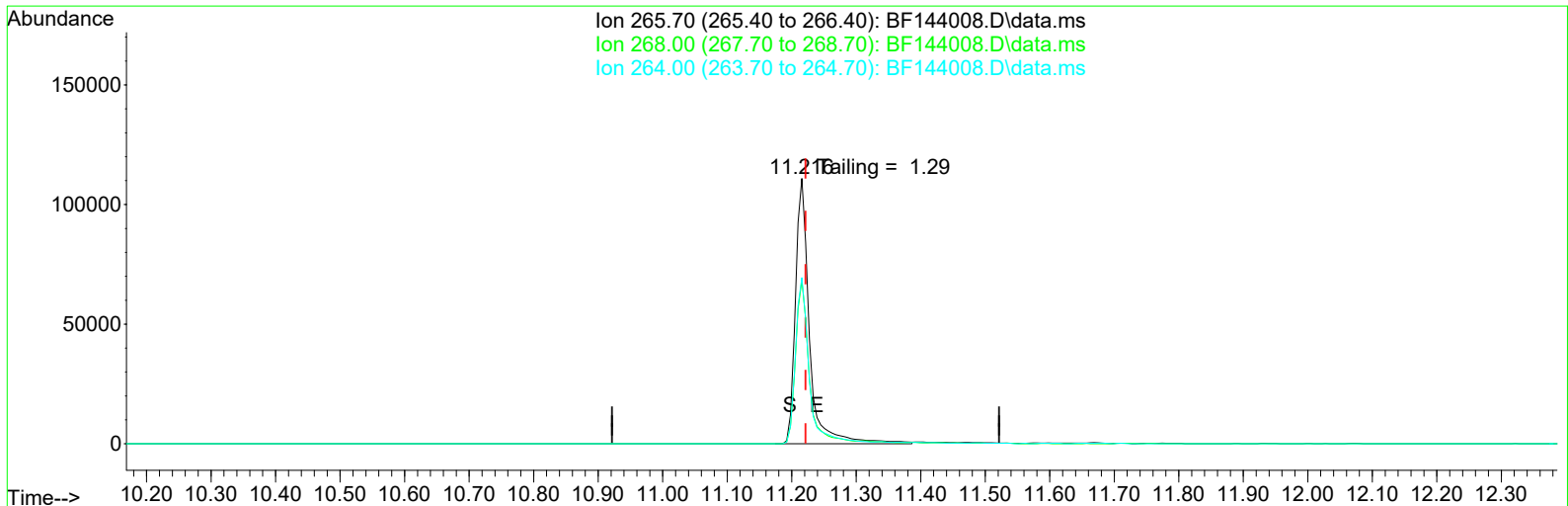
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 1.6   | 715    | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 45819  | PASS      |
| 70     | 69      | 0.00   | 2      | 0.5   | 248    | PASS      |
| 197    | 198     | 0.00   | 2      | 0.2   | 322    | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 137115 | PASS      |
| 199    | 198     | 5      | 9      | 7.0   | 9565   | PASS      |
| 365    | 198     | 1      | 100    | 3.6   | 4896   | PASS      |
| 441    | 443     | 0.01   | 150    | 85.7  | 27087  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 160408 | PASS      |
| 443    | 442     | 15     | 24     | 19.7  | 31611  | PASS      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144008.D  
Acq On : 21 Oct 2025 12:43  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 21 13:56:14 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF144008.D\data.ms

**(70) Pentachlorophenol (C)**

**11.216min (-0.006) 31834.77 ng**

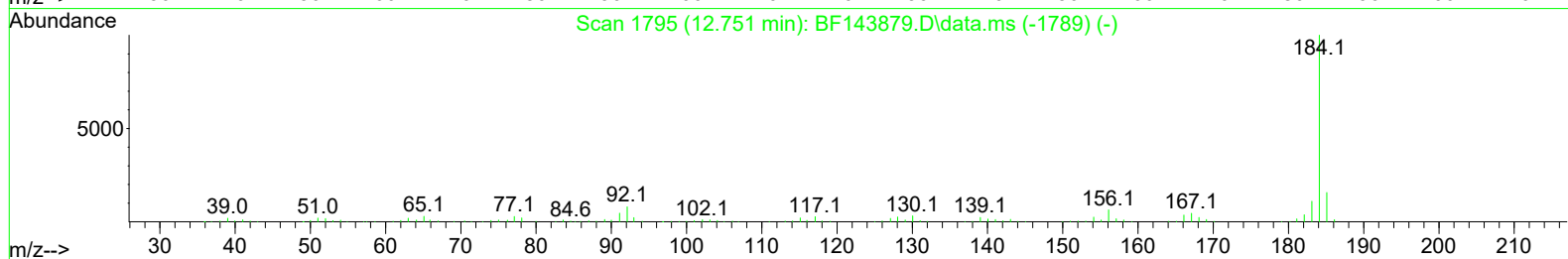
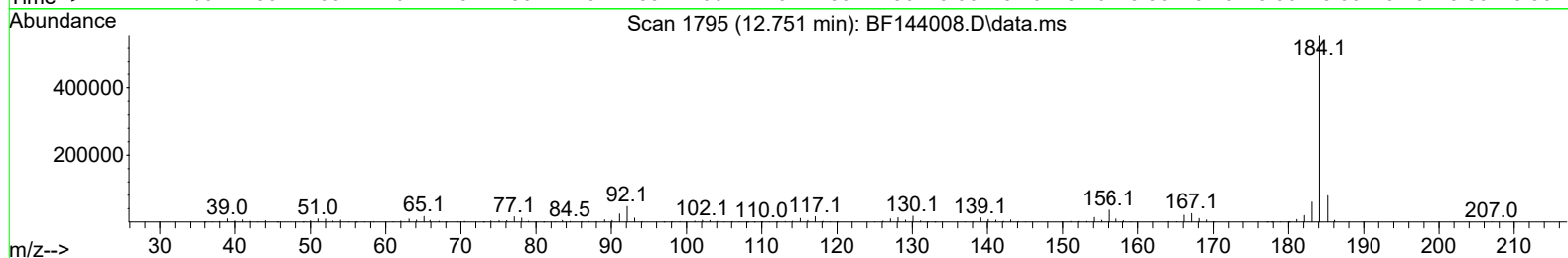
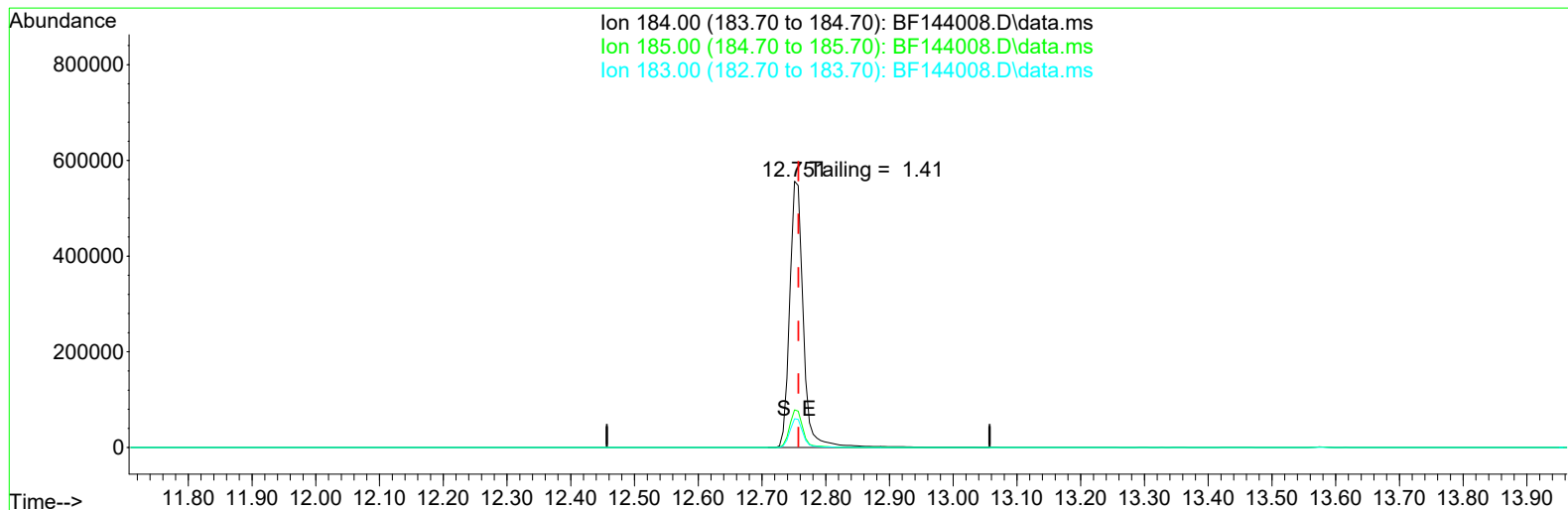
**response 169131**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.70  | 61.71  |
| 264.00 | 64.70  | 62.61  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102125\  
Data File : BF144008.D  
Acq On : 21 Oct 2025 12:43  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DFTPP

Quant Time: Oct 21 13:56:14 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration



TIC: BF144008.D\data.ms

**(77) Benzidine**

12.751min (-0.006) 0.00 ng

response 827233

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 15.70  | 14.17  |
| 183.00 | 11.00  | 10.79  |
| 0.00   | 0.00   | 0.00   |

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
DFTPP

**DDT Breakdown**

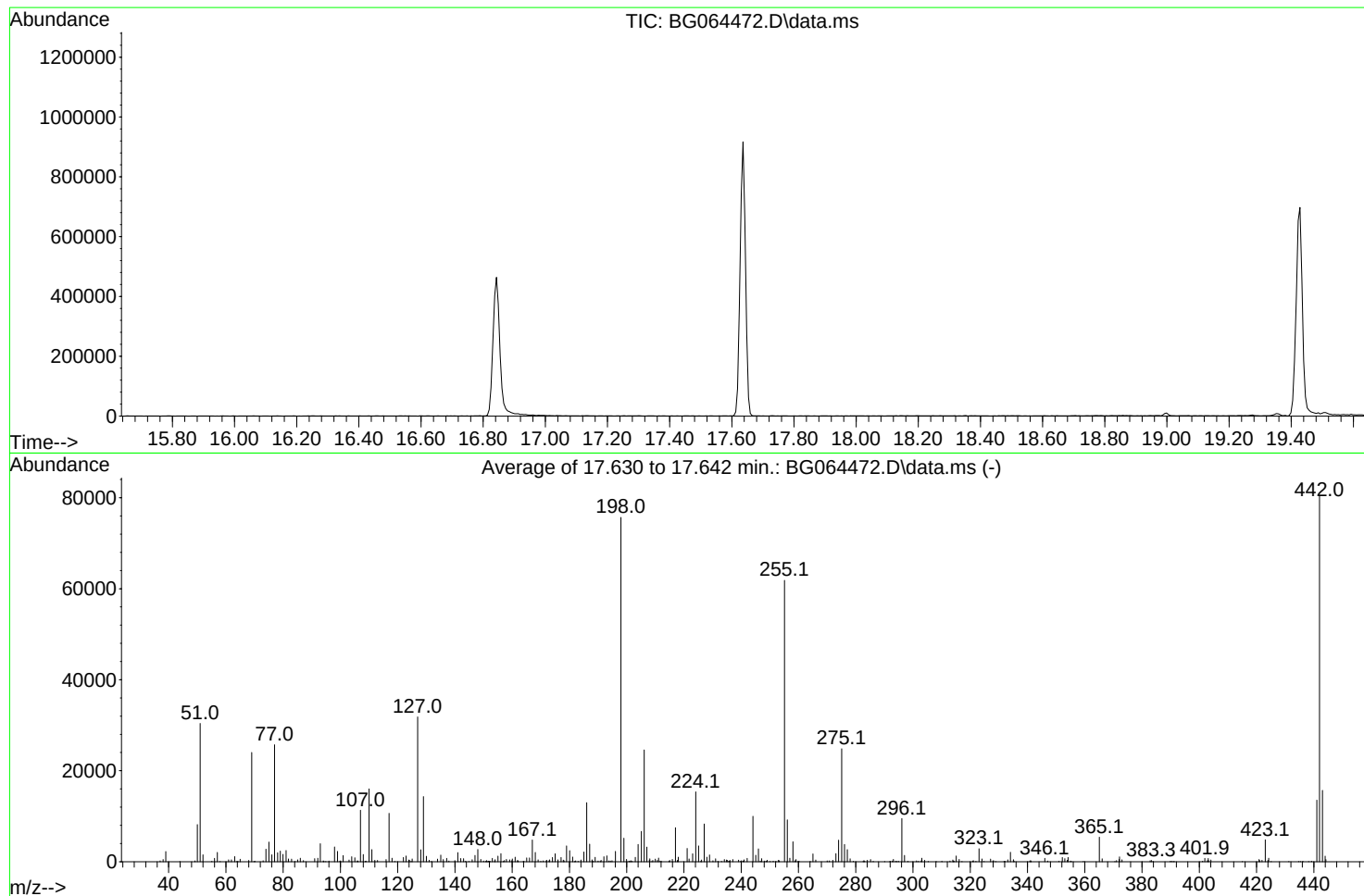
| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/21/2025    | BNA_F            | <u>BF144008.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 371363           | 13.58              |
| DDD           | 9829             | 13.274             |
| DDE           | 2408             | 12.939             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 12237         | 383600           | 3.19               |
|               |                  |                    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
Data File : BG064472.D  
Acq On : 2 Oct 2025 8:21  
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-BG100225.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Thu Oct 02 16:40:42 2025



AutoFind: Scans 2475, 2476, 2477; Background Corrected with Scan 2468

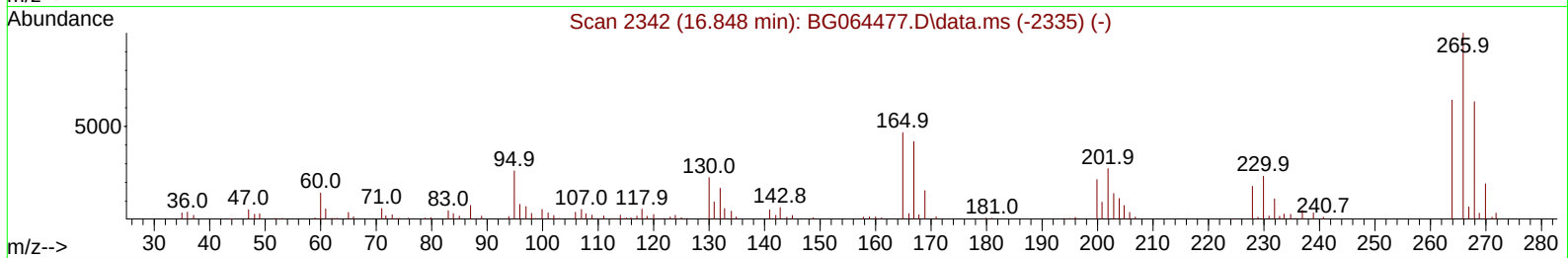
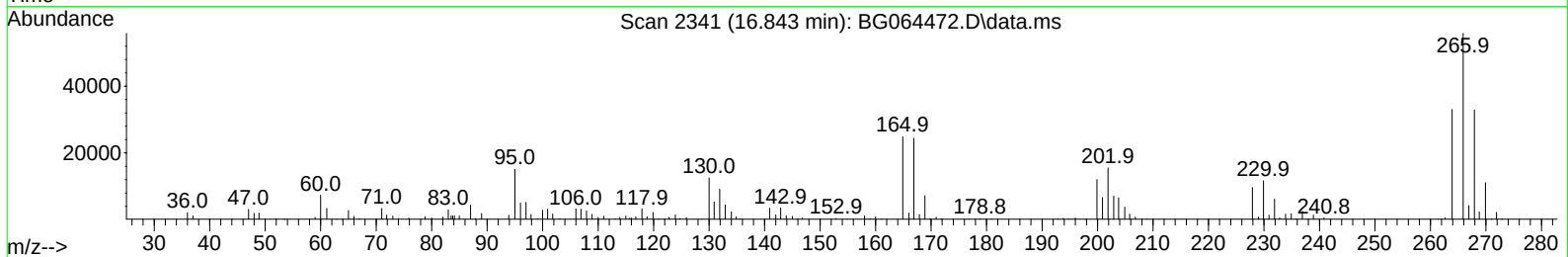
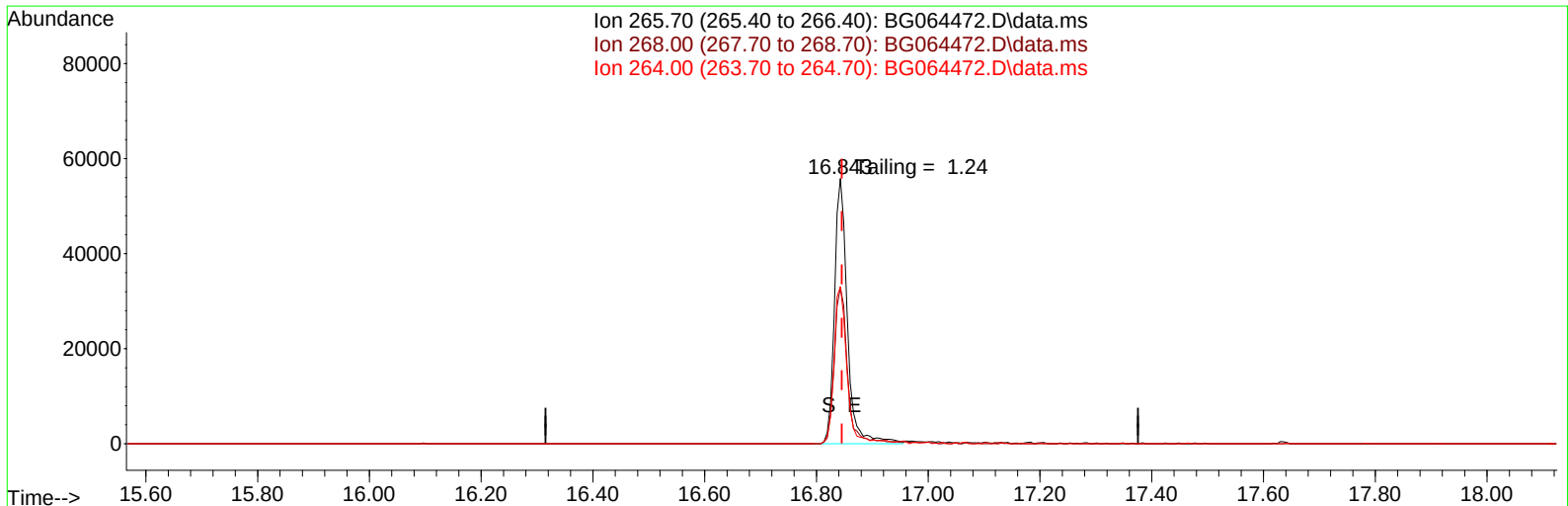
| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 68             | 69              | 0.00            | 2               | 1.1          | 271        | PASS                |
| 69             | 69              | 100             | 100             | 100.0        | 24008      | PASS                |
| 70             | 69              | 0.00            | 2               | 0.4          | 100        | PASS                |
| 197            | 198             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 198            | 198             | 100             | 100             | 100.0        | 75675      | PASS                |
| 199            | 198             | 5               | 9               | 6.8          | 5168       | PASS                |
| 365            | 198             | 1               | 100             | 7.1          | 5406       | PASS                |
| 441            | 443             | 0.01            | 150             | 86.2         | 13521      | PASS                |
| 442            | 442             | 100             | 100             | 100.0        | 80341      | PASS                |
| 443            | 442             | 15              | 24              | 19.5         | 15684      | PASS                |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
Data File : BG064472.D  
Acq On : 2 Oct 2025 8:21  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Oct 02 18:07:32 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration



TIC: BG064472.D\data.ms

**(70) Pentachlorophenol (C)**

16.843min (-0.002) 190750.25 ng

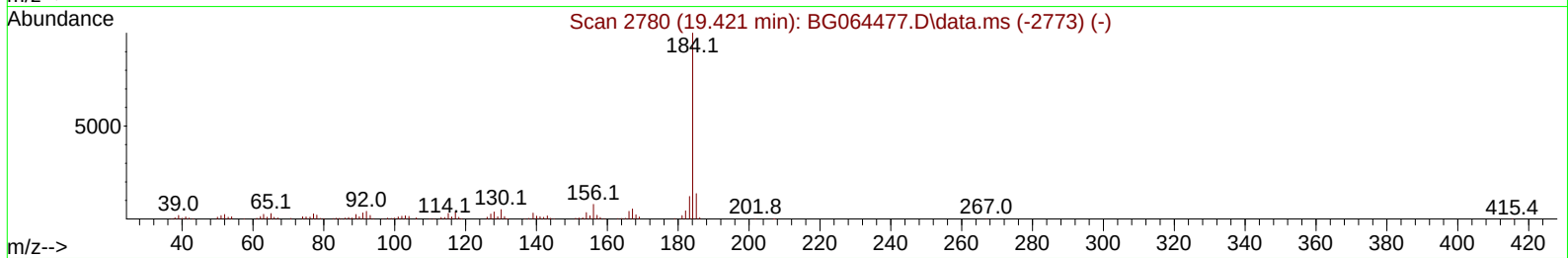
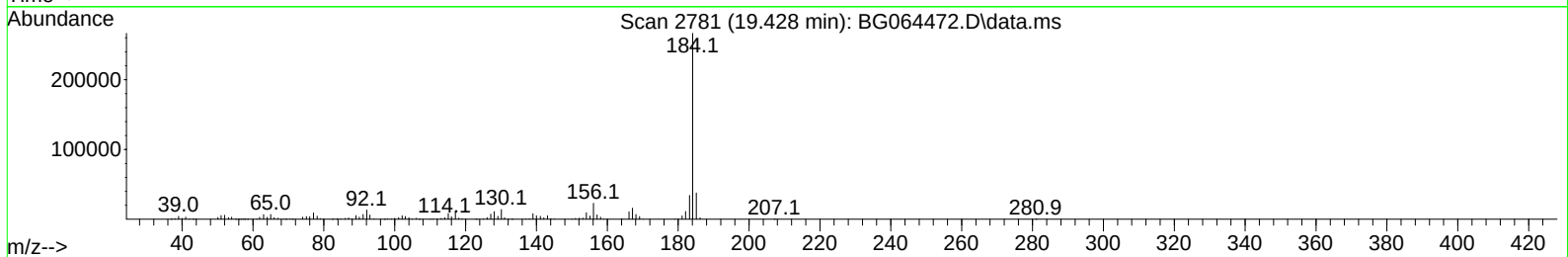
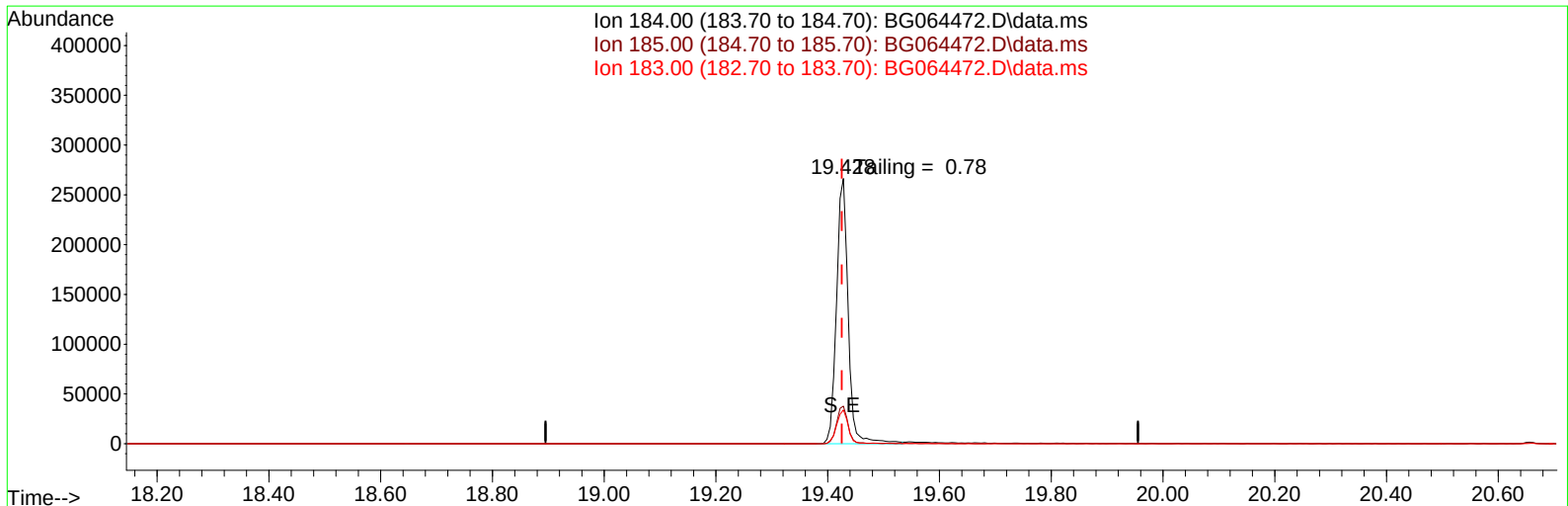
response 90109

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 63.20  | 58.97  |
| 264.00 | 64.00  | 59.19  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100225\  
Data File : BG064472.D  
Acq On : 2 Oct 2025 8:21  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Oct 02 18:07:32 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration



TIC: BG064472.D\data.ms

**(77) Benzidine**

19.428min (+ 0.003) 15488.27 ng

response 385018

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 13.60  | 14.19  |
| 183.00 | 12.20  | 12.79  |
| 0.00   | 0.00   | 0.00   |

Instrument :

BNA\_G

ClientSampleId :

DFTPP

DDT Breakdown

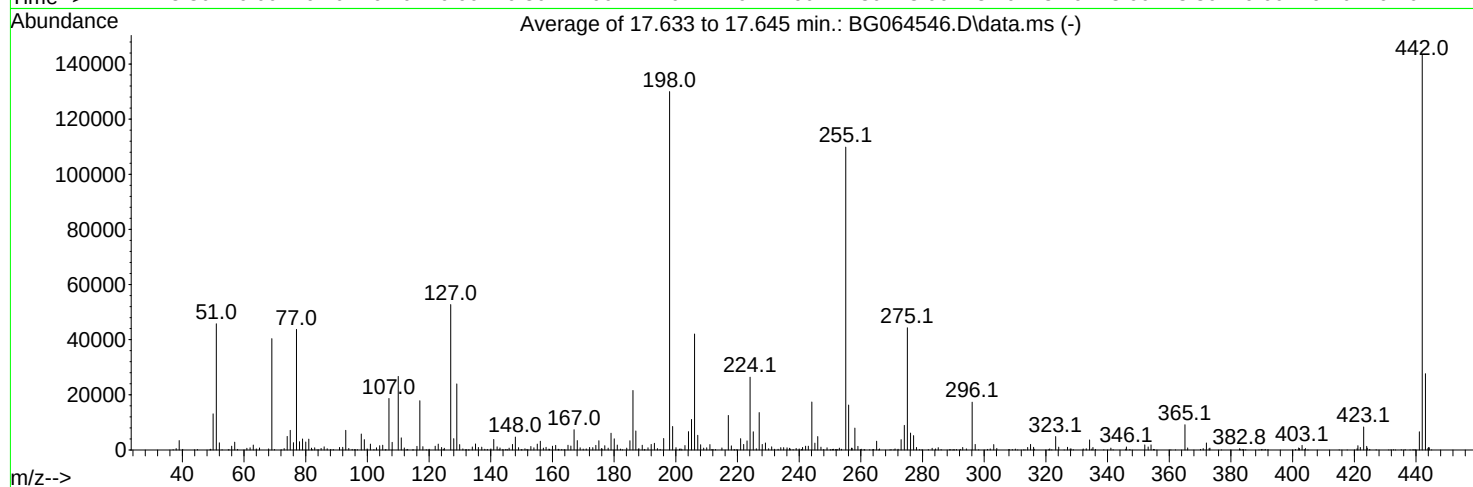
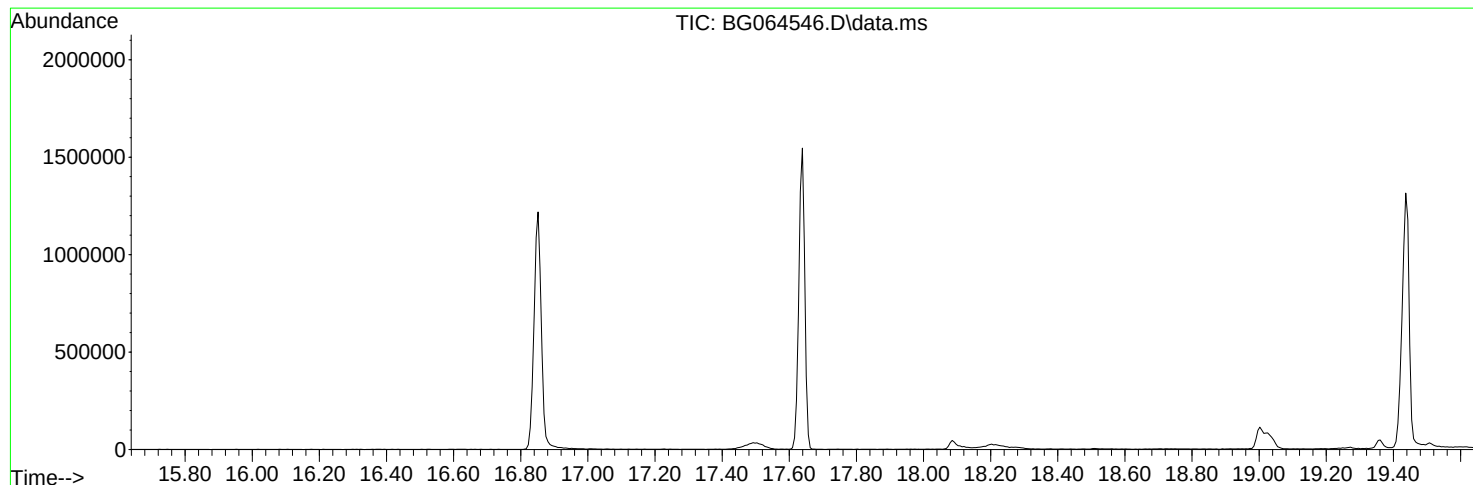
| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/2/2025     | BNA_G            | <u>BG064472.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 287203           | 20.656             |
| DDD           | 3381             | 20.221             |
| DDE           | 0                | 19.728             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 3381          | 290584           | 1.16               |
|               |                  |                    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064546.D  
Acq On : 20 Oct 2025 12:03  
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-BG100225.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Thu Oct 02 16:40:42 2025



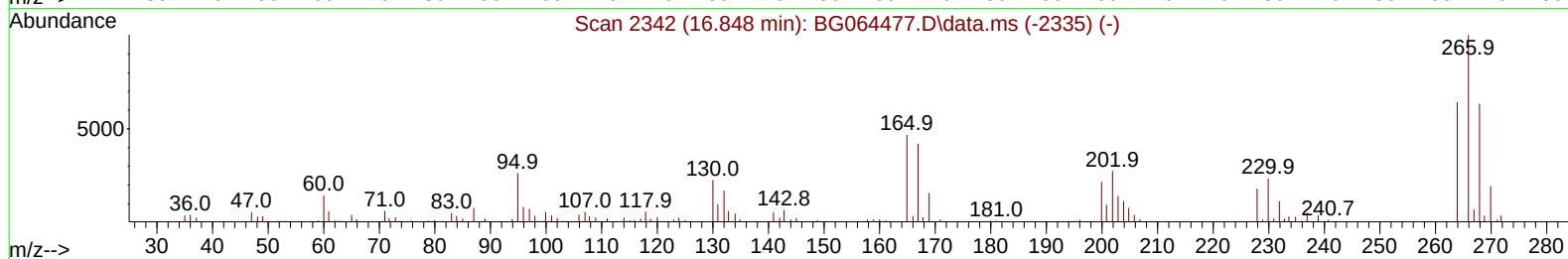
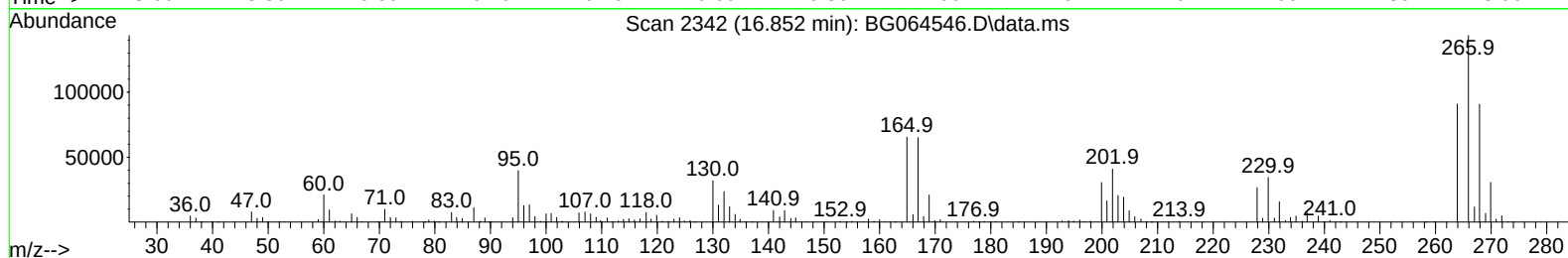
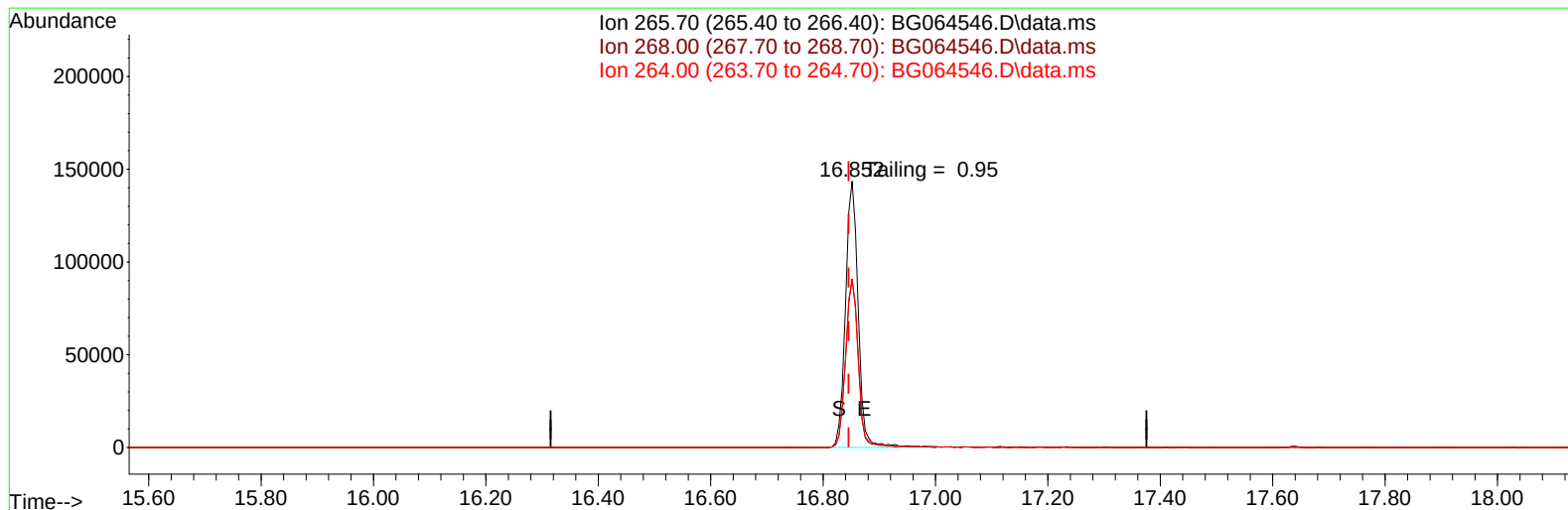
AutoFind: Scans 2475, 2476, 2477; Background Corrected with Scan 2468

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 68             | 69              | 0.00            | 2               | 0.9          | 373        | PASS                |
| 69             | 69              | 100             | 100             | 100.0        | 40344      | PASS                |
| 70             | 69              | 0.00            | 2               | 0.3          | 129        | PASS                |
| 197            | 198             | 0.00            | 2               | 0.0          | 0          | PASS                |
| 198            | 198             | 100             | 100             | 100.0        | 129981     | PASS                |
| 199            | 198             | 5               | 9               | 6.5          | 8483       | PASS                |
| 365            | 198             | 1               | 100             | 7.0          | 9125       | PASS                |
| 441            | 443             | 0.01            | 150             | 23.8         | 6576       | PASS                |
| 442            | 442             | 100             | 100             | 100.0        | 143235     | PASS                |
| 443            | 442             | 15              | 24              | 19.3         | 27637      | PASS                |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064546.D  
Acq On : 20 Oct 2025 12:03  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Oct 20 15:49:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration



TIC: BG064546.D\data.ms

**(70) Pentachlorophenol (C)**

16.852min (+ 0.006) 508135.96 ng

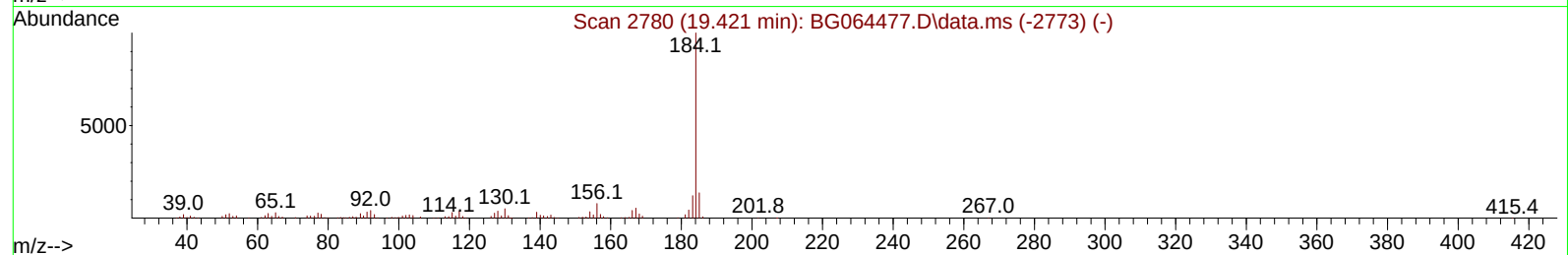
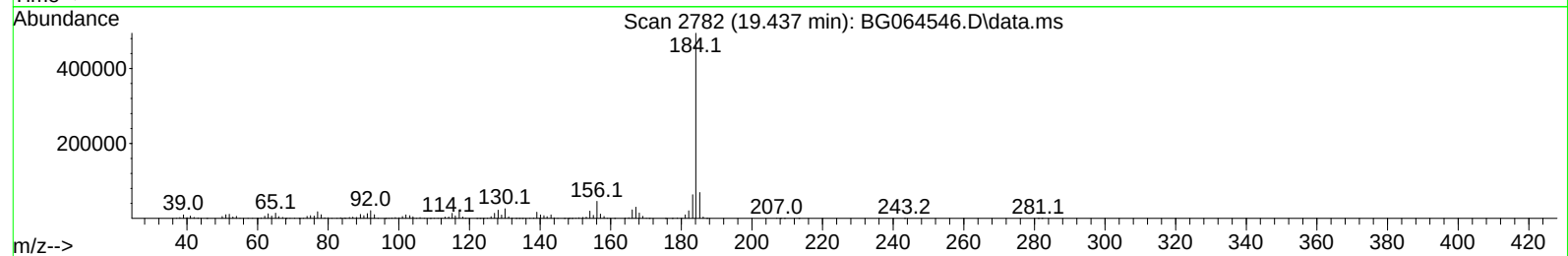
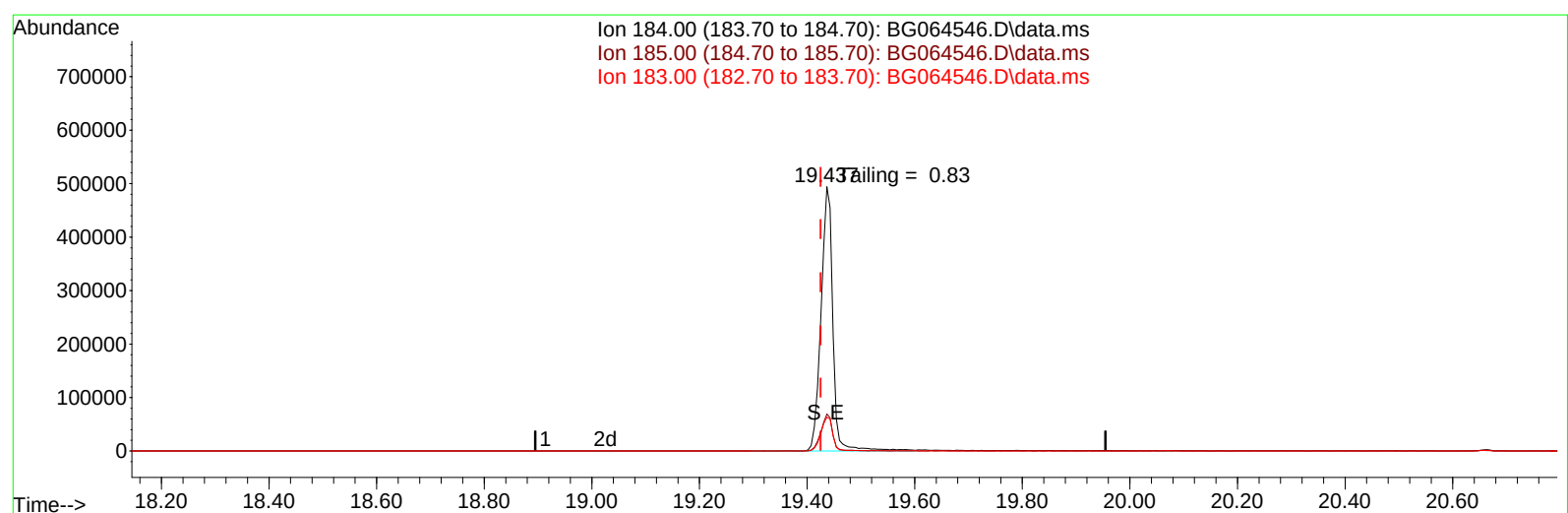
response 224037

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 63.20  | 63.21  |
| 264.00 | 64.00  | 63.25  |
| 0.00   | 0.00   | 0.00   |

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\  
Data File : BG064546.D  
Acq On    : 20 Oct 2025  12:03  
Operator  : RC/JU  
Sample    : DFTPP  
Misc      :  
ALS Vial  : 1    Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
DFTPP

Quant Time: Oct 20 15:49:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration



TIC: BG064546.D\data.ms

(77) Benzidine

19.437min (+ 0.012) 4548.02 ng m

**response**      **771146**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 13.60  | 14.01  |
| 183.00 | 12.20  | 12.84  |
| 0.00   | 0.00   | 0.00   |

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP

DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 10/20/2025    | BNA_G            | <u>BG064546.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 515751           | 20.665             |
| DDD           | 4166             | 20.224             |
| DDE           | 306              | 18.996             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 4472          | 520223           | 0.86               |
|               |                  |                    |

## Report of Analysis

Client: AECOM  
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
 Client Sample ID: PB170165BL  
 Lab Sample ID: PB170165BL  
 Analytical Method: 8270E Level : LOW  
 Sample Wt/Vol: 30.02 g Final Vol: 1000 uL  
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected:  
 Date Received:  
 SDG No.: Q3375  
 Matrix: SOIL  
 % Solid: 100  
 Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 330   | U    | 1  | 160  | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 108-95-2       | Phenol                      | 170   | U    | 1  | 22.1 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 170   | U    | 1  | 24.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 170   | U    | 1  | 24.4 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 170   | U    | 1  | 29.9 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 170   | U    | 1  | 37.5 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 98-86-2        | Acetophenone                | 170   | U    | 1  | 29.5 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 330   | U    | 1  | 41.1 | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 79.9  | U    | 1  | 47.4 | 79.9       | ug/Kg | 10/20/25 13:44 | PB170165     |
| 67-72-1        | Hexachloroethane            | 170   | U    | 1  | 17.6 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 98-95-3        | Nitrobenzene                | 170   | U    | 1  | 18.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 78-59-1        | Isophorone                  | 170   | U    | 1  | 32.8 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 170   | U    | 1  | 58.2 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 170   | U    | 1  | 64.8 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 170   | U    | 1  | 30.8 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 170   | U    | 1  | 28.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 91-20-3        | Naphthalene                 | 170   | U    | 1  | 22.7 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 170   | U    | 1  | 35.4 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 170   | U    | 1  | 25.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 105-60-2       | Caprolactam                 | 330   | U    | 1  | 52.1 | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 170   | U    | 1  | 28.7 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 170   | U    | 1  | 25.6 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 330   | U    | 1  | 120  | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 170   | U    | 1  | 19.8 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 170   | U    | 1  | 29.1 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 170   | U    | 1  | 21.8 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 170   | U    | 1  | 22.5 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 170   | U    | 1  | 48.1 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 170   | U    | 1  | 27.1 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 208-96-8       | Acenaphthylene              | 170   | U    | 1  | 28.9 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 170   | U    | 1  | 33.6 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 170   | U    | 1  | 46.0 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 83-32-9        | Acenaphthene                | 170   | U    | 1  | 21.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 330   | U    | 1  | 230  | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 330   | U    | 1  | 110  | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 132-64-9       | Dibenzofuran                | 170   | U    | 1  | 22.7 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 170   | U    | 1  | 50.1 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 84-66-2        | Diethylphthalate            | 170   | U    | 1  | 28.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 170   | U    | 1  | 26.7 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 86-73-7        | Fluorene                    | 170   | U    | 1  | 25.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 170   | U    | 1  | 64.2 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 330   | U    | 1  | 100  | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |





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Fax : 908 789 8922

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PB170165BL  
Lab Sample ID: PB170165BL  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.02 g Final Vol: 1000 uL  
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected:  
Date Received:  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 100  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 170   | U    | 1  | 32.9 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 170   | U    | 1  | 27.8 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 170   | U    | 1  | 25.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 1912-24-9  | Atrazine                   | 170   | U    | 1  | 34.0 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 330   | U    | 1  | 51.3 | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 85-01-8    | Phenanthrene               | 170   | U    | 1  | 20.9 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 120-12-7   | Anthracene                 | 170   | U    | 1  | 33.3 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 86-74-8    | Carbazole                  | 170   | U    | 1  | 31.2 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 170   | U    | 1  | 47.9 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 206-44-0   | Fluoranthene               | 170   | U    | 1  | 30.0 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 129-00-0   | Pyrene                     | 170   | U    | 1  | 36.0 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 170   | U    | 1  | 71.4 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 330   | U    | 1  | 36.7 | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 170   | U    | 1  | 23.0 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 218-01-9   | Chrysene                   | 170   | U    | 1  | 19.9 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 170   | U    | 1  | 59.2 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 330   | U    | 1  | 86.7 | 330        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 170   | U    | 1  | 19.0 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 170   | U    | 1  | 22.4 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 170   | U    | 1  | 29.5 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 170   | U    | 1  | 29.1 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 170   | U    | 1  | 27.4 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 170   | U    | 1  | 25.7 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 170   | U    | 1  | 25.6 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 170   | U    | 1  | 45.2 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 170   | U    | 1  | 27.4 | 170        | ug/Kg | 10/20/25 13:44 | PB170165     |

### SURROGATES

|            |                      |      |  |          |      |          |
|------------|----------------------|------|--|----------|------|----------|
| 367-12-4   | 2-Fluorophenol       | 143  |  | 18 - 112 | 95%  | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 133  |  | 15 - 107 | 89%  | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 96.4 |  | 18 - 107 | 96%  | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 96.2 |  | 20 - 109 | 96%  | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 158  |  | 10 - 116 | 105% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 103  |  | 10 - 105 | 103% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 14400  |
| 1146-65-2  | Naphthalene-d8         | 55200  |
| 15067-26-2 | Acenaphthene-d10       | 43900  |
| 1517-22-2  | Phenanthrene-d10       | 117000 |
| 1719-03-5  | Chrysene-d12           | 124000 |
| 1520-96-3  | Perylene-d12           | 135000 |



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

## Report of Analysis

|                    |                                                  |                 |                  |
|--------------------|--------------------------------------------------|-----------------|------------------|
| Client:            | AECOM                                            | Date Collected: |                  |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received:  |                  |
| Client Sample ID:  | PB170165BL                                       | SDG No.:        | Q3375            |
| Lab Sample ID:     | PB170165BL                                       | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | % Solid:        | 100              |
| Sample Wt/Vol:     | 30.02 g                                          | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                                           |                 |                  |
|                    | Level : LOW                                      |                 |                  |
|                    | Final Vol: 1000 uL                               |                 |                  |
|                    | Prep Date: 10/20/25                              |                 |                  |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|

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\BG102025\  
Data File : BG064548.D  
Acq On : 20 Oct 2025 13:44  
Operator : RC/JU  
Sample : PB170165BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

Quant Time: Oct 20 14:55:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.812  | 152  | 14412    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.603 | 136  | 55177    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.445 | 164  | 43937    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.189 | 188  | 117288   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.414 | 240  | 124365   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.410 | 264  | 134795   | 20.000  | ng    | 0.02     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.409  | 112  | 111386   | 143.034 | ng    | 0.00     |
| 7) Phenol-d6                | 6.995  | 99   | 139419   | 133.224 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.970  | 82   | 98938    | 96.415  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.938 | 330  | 125958   | 158.155 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.071 | 172  | 286706   | 96.184  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.810 | 244  | 678969   | 103.321 | ng    | 0.00     |

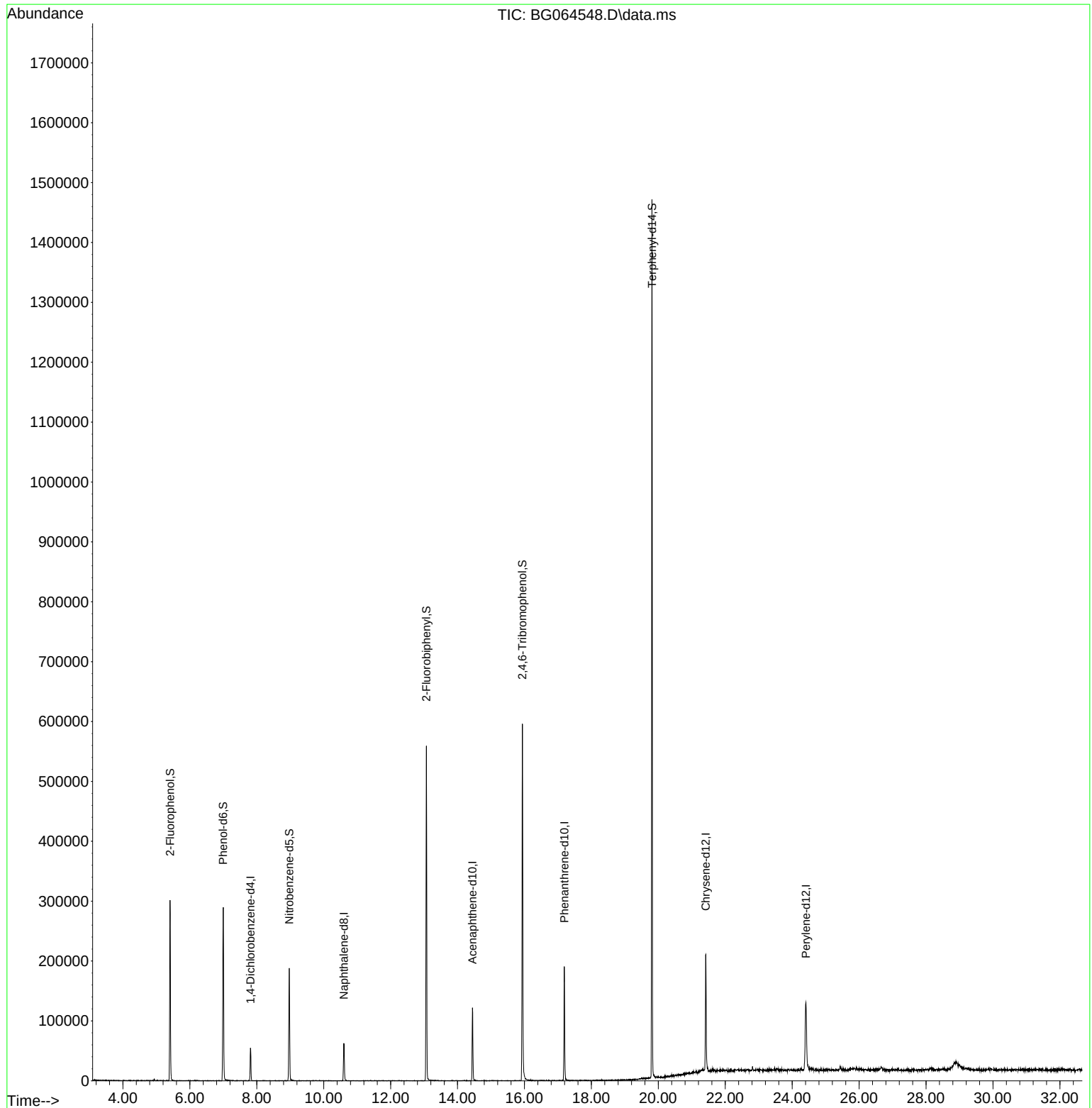
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

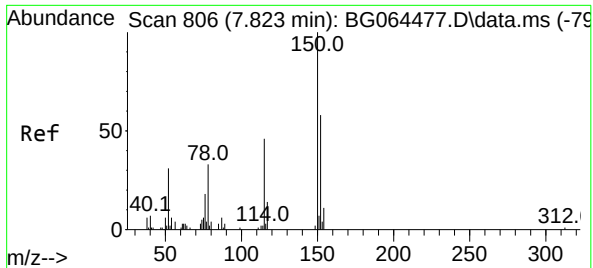
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064548.D  
Acq On : 20 Oct 2025 13:44  
Operator : RC/JU  
Sample : PB170165BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

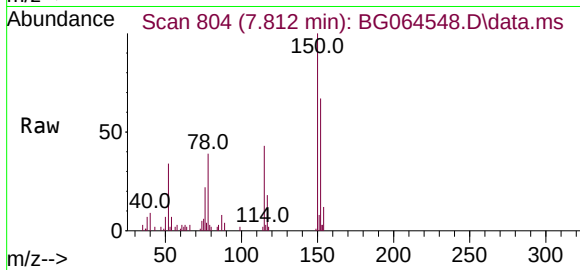
Quant Time: Oct 20 14:55:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration



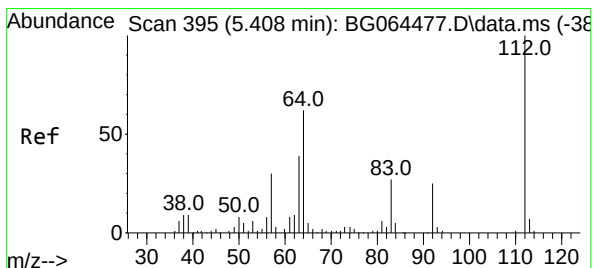
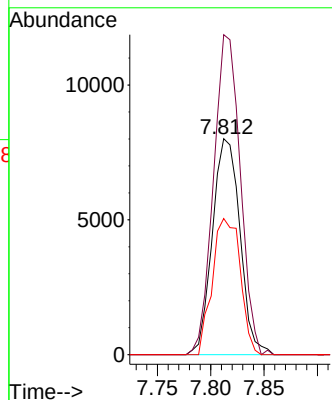
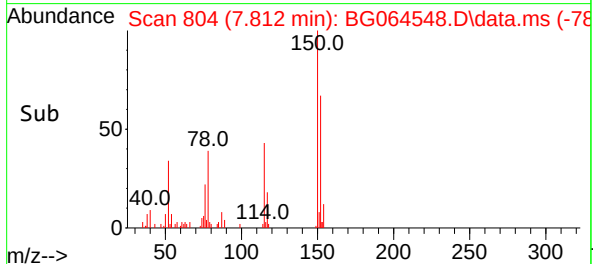


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.812 min Scan# 804  
Delta R.T. -0.008 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

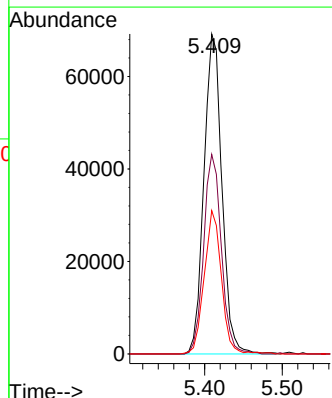
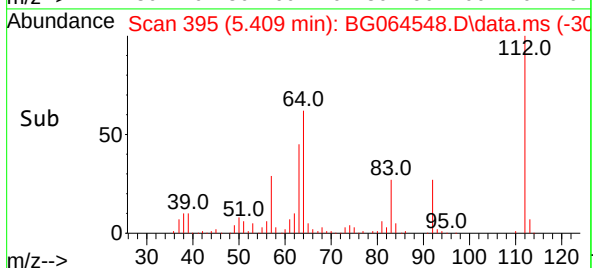
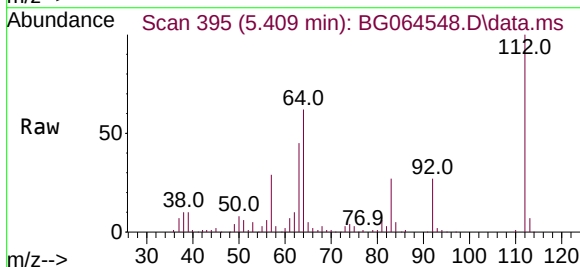


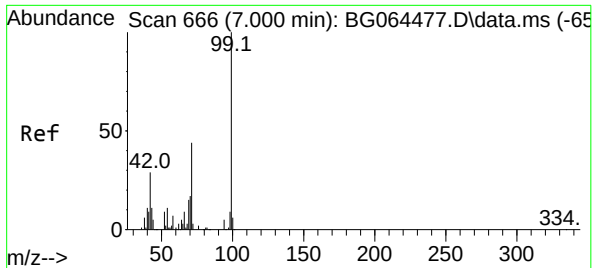
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.2 | 138.6 | 207.8 |
| 115     | 63.1  | 63.4  | 95.2  |



#5  
2-Fluorophenol  
Concen: 143.034 ng  
RT: 5.409 min Scan# 395  
Delta R.T. 0.003 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

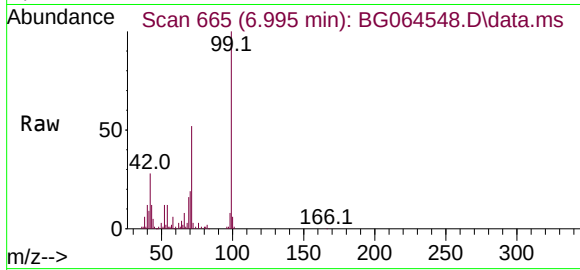
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 62.3  | 49.8  | 74.8  |
| 63      | 44.8  | 31.3  | 46.9  |



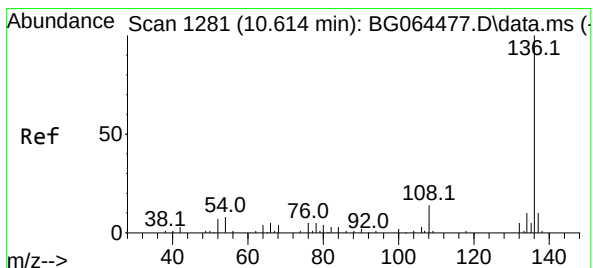
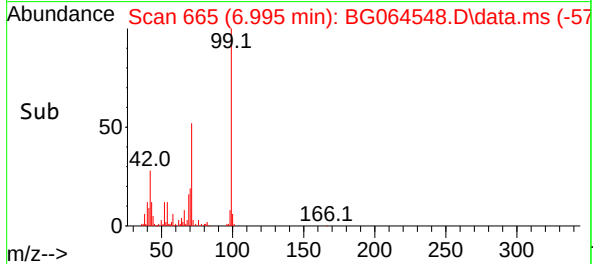
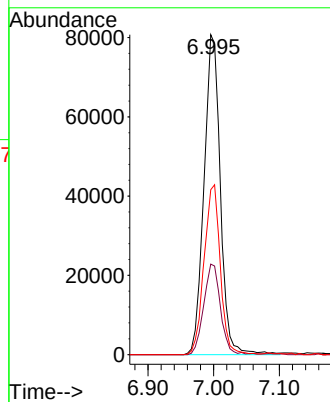


#7  
Phenol-d6  
Concen: 133.224 ng  
RT: 6.995 min Scan# 60  
Delta R.T. 0.009 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

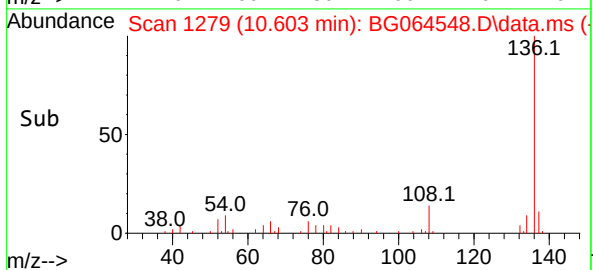
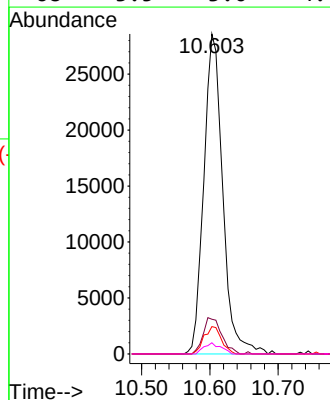
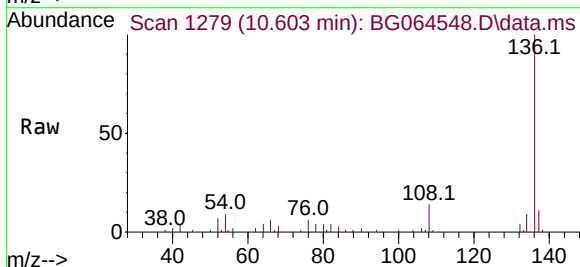


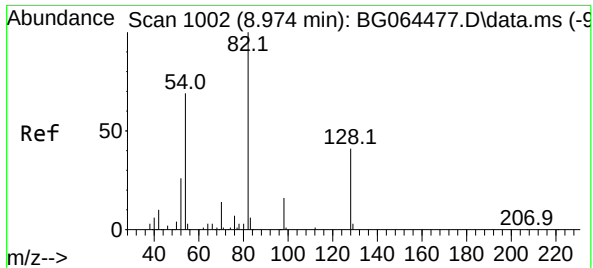
Tgt Ion: 99 Resp: 139419  
Ion Ratio Lower Upper  
99 100  
42 28.3 22.9 34.3  
71 51.6 35.4 53.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.603 min Scan# 1279  
Delta R.T. -0.003 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

Tgt Ion:136 Resp: 55177  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.3 12.5  
54 9.2 6.2 9.4  
68 3.5 3.0 4.4

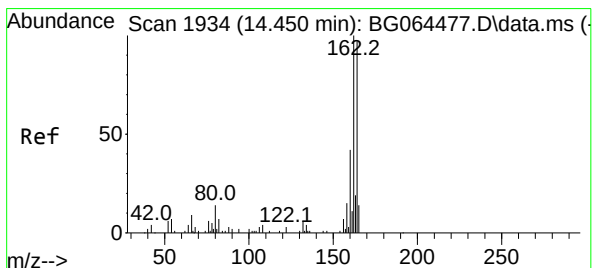
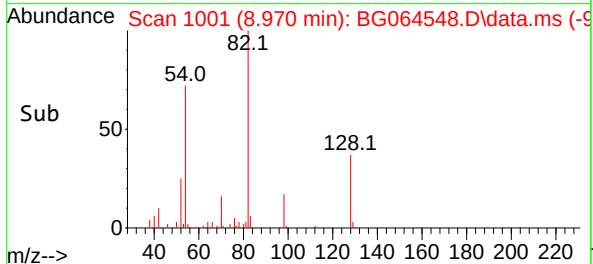
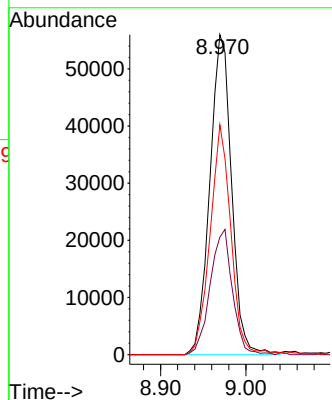
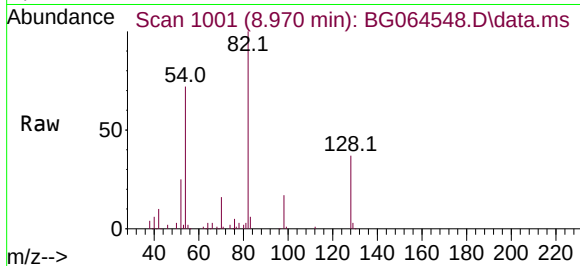




#23  
Nitrobenzene-d5  
Concen: 96.415 ng  
RT: 8.970 min Scan# 1001  
Delta R.T. 0.003 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

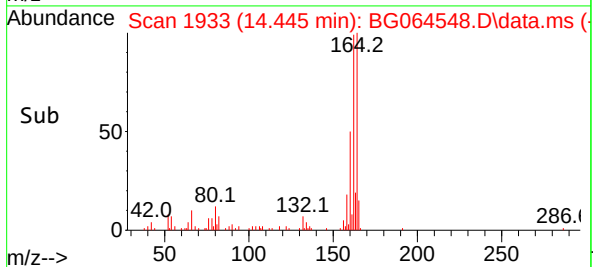
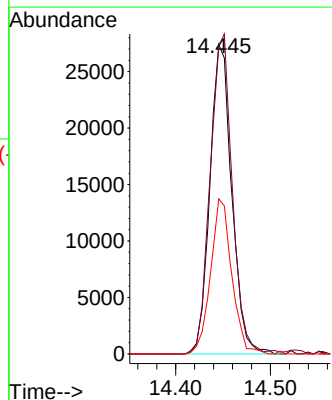
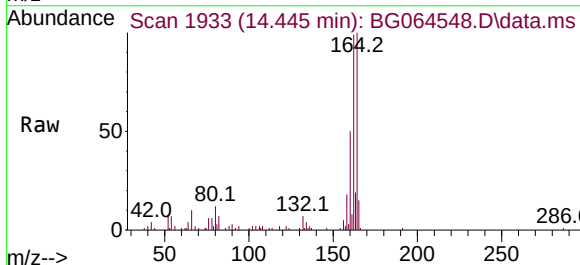
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

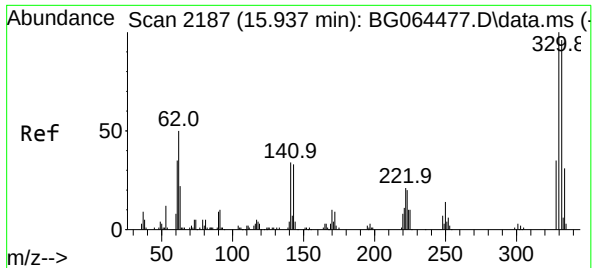
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 98938 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 36.7  | 33.1  | 49.7  |
| 54        | 71.8  | 55.4  | 83.2  |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.445 min Scan# 1933  
Delta R.T. -0.003 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 43937 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 99.4  | 82.2  | 123.2 |
| 160       | 50.1  | 34.3  | 51.5  |

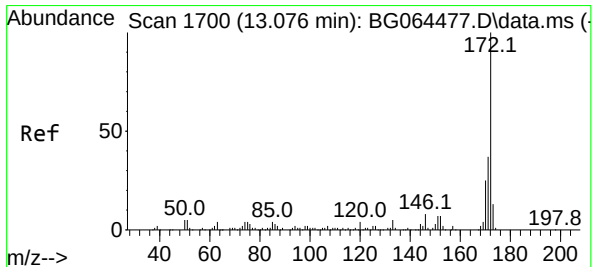
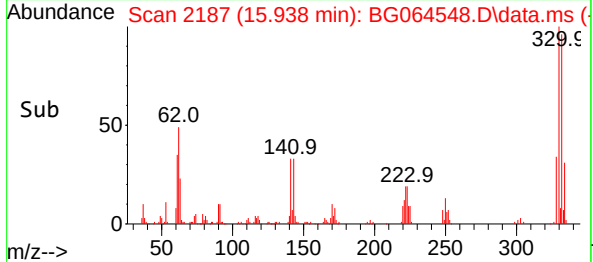
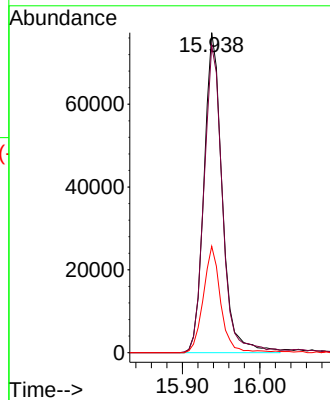
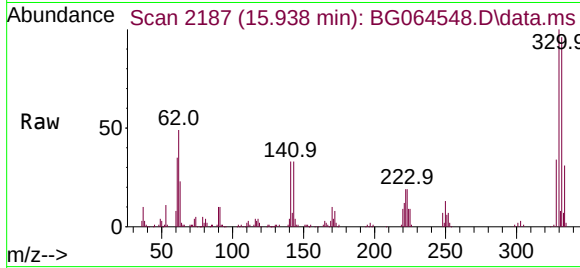




#42  
2,4,6-Tribromophenol  
Concen: 158.155 ng  
RT: 15.938 min Scan# 2187  
Delta R.T. 0.003 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

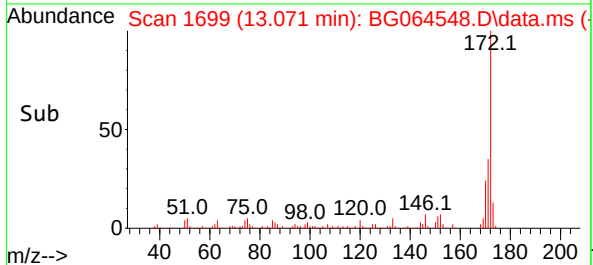
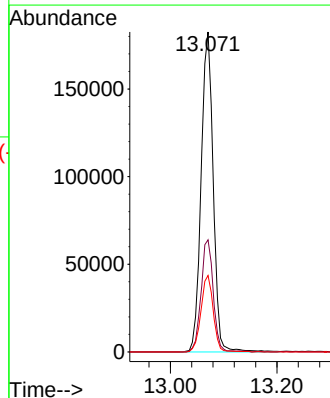
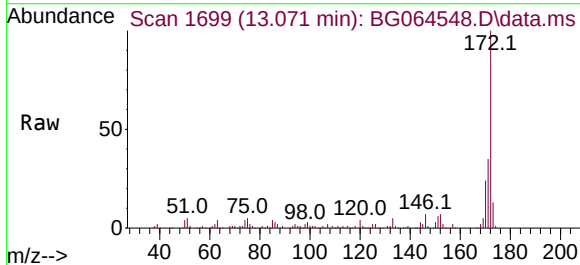
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

Tgt Ion:330 Resp: 125958  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.4 116.0  
141 32.2 25.8 38.6

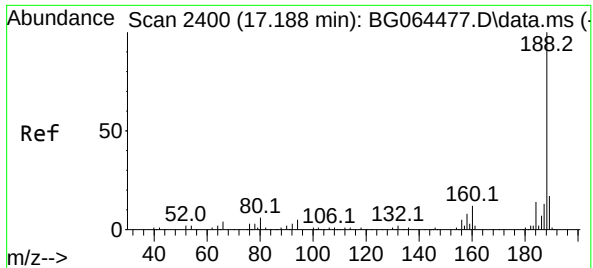


#45  
2-Fluorobiphenyl  
Concen: 96.184 ng  
RT: 13.071 min Scan# 1699  
Delta R.T. 0.003 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

Tgt Ion:172 Resp: 286706  
Ion Ratio Lower Upper  
172 100  
171 35.0 29.6 44.4  
170 23.9 20.2 30.2



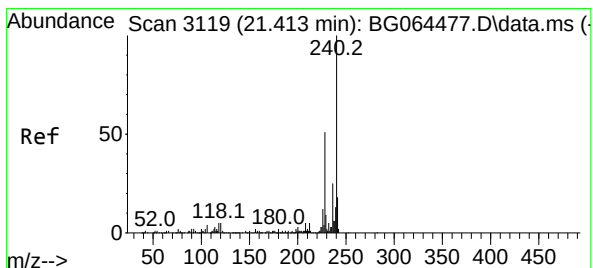
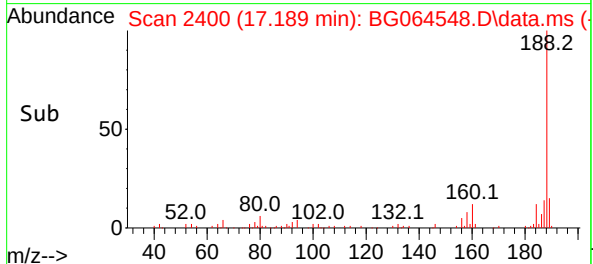
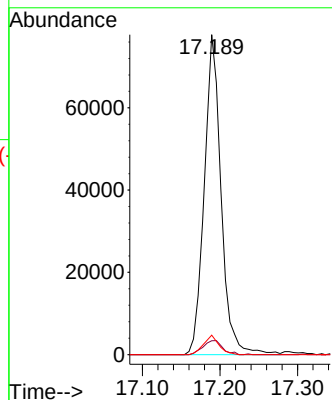
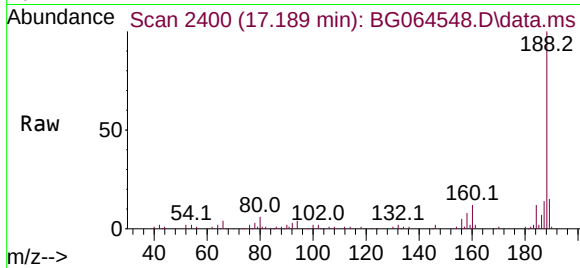




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.189 min Scan# 2400  
Delta R.T. 0.003 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

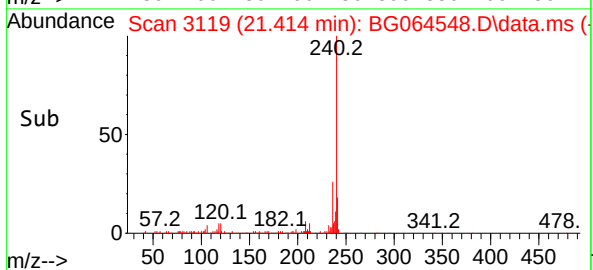
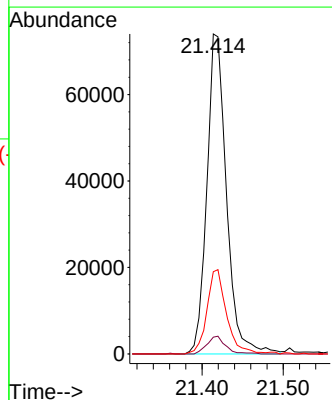
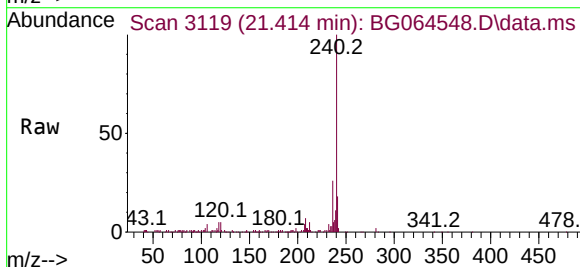
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

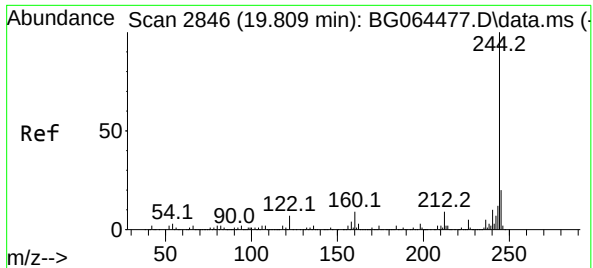
Tgt Ion:188 Resp: 117288  
Ion Ratio Lower Upper  
188 100  
94 4.3 3.7 5.5  
80 6.1 4.5 6.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.414 min Scan# 3119  
Delta R.T. 0.004 min  
Lab File: BG064548.D  
Acq: 20 Oct 2025 13:44

Tgt Ion:240 Resp: 124365  
Ion Ratio Lower Upper  
240 100  
120 5.2 4.3 6.5  
236 25.7 20.4 30.6





#79

Terphenyl-d14

Concen: 103.321 ng

RT: 19.810 min Scan# 2846

Delta R.T. 0.003 min

Lab File: BG064548.D

Acq: 20 Oct 2025 13:44

Instrument :

BNA\_G

ClientSampleId :

PB170165BL

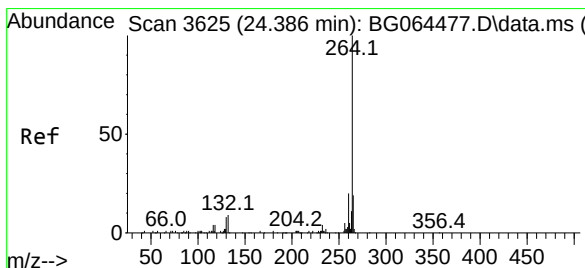
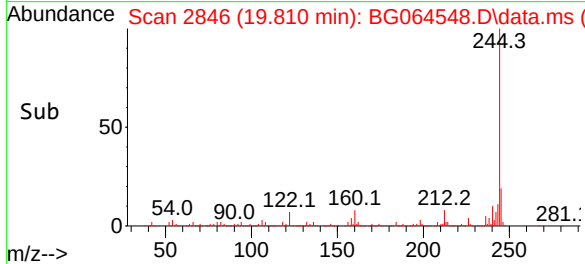
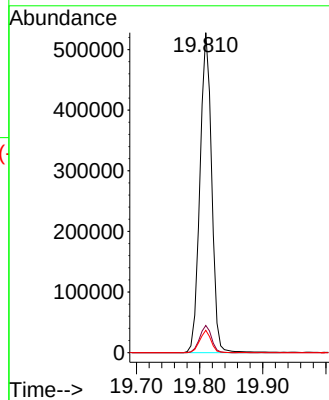
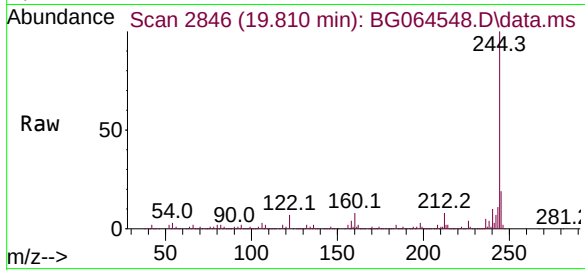
Tgt Ion:244 Resp: 678969

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 7.0 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.410 min Scan# 3629

Delta R.T. 0.021 min

Lab File: BG064548.D

Acq: 20 Oct 2025 13:44

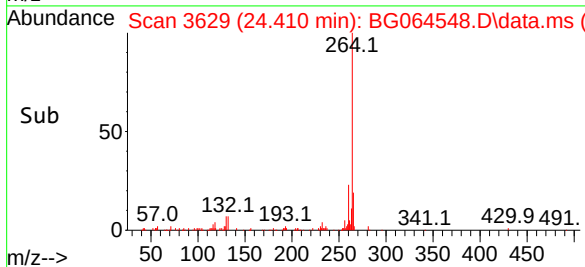
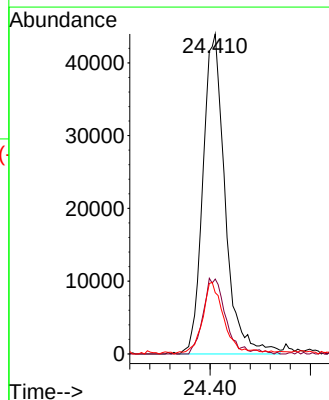
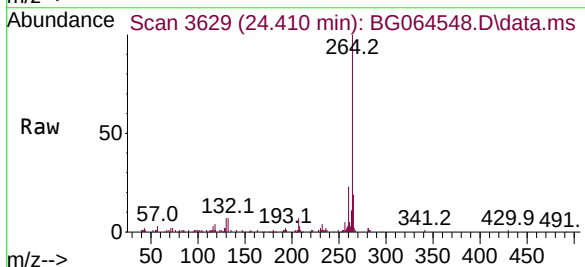
Tgt Ion:264 Resp: 134795

Ion Ratio Lower Upper

264 100

260 23.4 16.2 24.4

265 19.1 15.0 22.4



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064548.D  
 Acq On : 20 Oct 2025 13:44  
 Operator : RC/JU  
 Sample : PB170165BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170165BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064548.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.409       | 387           | 395         | 406          | rBV      | 301753         | 481857        | 25.69%          | 7.617%        |
| 2         | 7.001       | 658           | 666         | 675          | rBV      | 289622         | 505654        | 26.96%          | 7.993%        |
| 3         | 7.812       | 798           | 804         | 812          | rBV      | 54563          | 91294         | 4.87%           | 1.443%        |
| 4         | 8.970       | 994           | 1001        | 1012         | rBV      | 188022         | 336203        | 17.93%          | 5.314%        |
| 5         | 10.603      | 1273          | 1279        | 1290         | rBV      | 62445          | 117726        | 6.28%           | 1.861%        |
| 6         | 13.071      | 1692          | 1699        | 1707         | rBV      | 558315         | 866387        | 46.20%          | 13.695%       |
| 7         | 14.445      | 1926          | 1933        | 1941         | rBV      | 121901         | 191629        | 10.22%          | 3.029%        |
| 8         | 15.938      | 2180          | 2187        | 2202         | rBV      | 595616         | 937396        | 49.99%          | 14.818%       |
| 9         | 17.189      | 2394          | 2400        | 2412         | rBV      | 190339         | 285650        | 15.23%          | 4.515%        |
| 10        | 19.810      | 2840          | 2846        | 2855         | rBV      | 1465912        | 1875319       | 100.00%         | 29.644%       |
| 11        | 21.420      | 3114          | 3120        | 3129         | rBV      | 192282         | 316348        | 16.87%          | 5.001%        |
| 12        | 24.410      | 3619          | 3629        | 3638         | rBV2     | 111010         | 320693        | 17.10%          | 5.069%        |

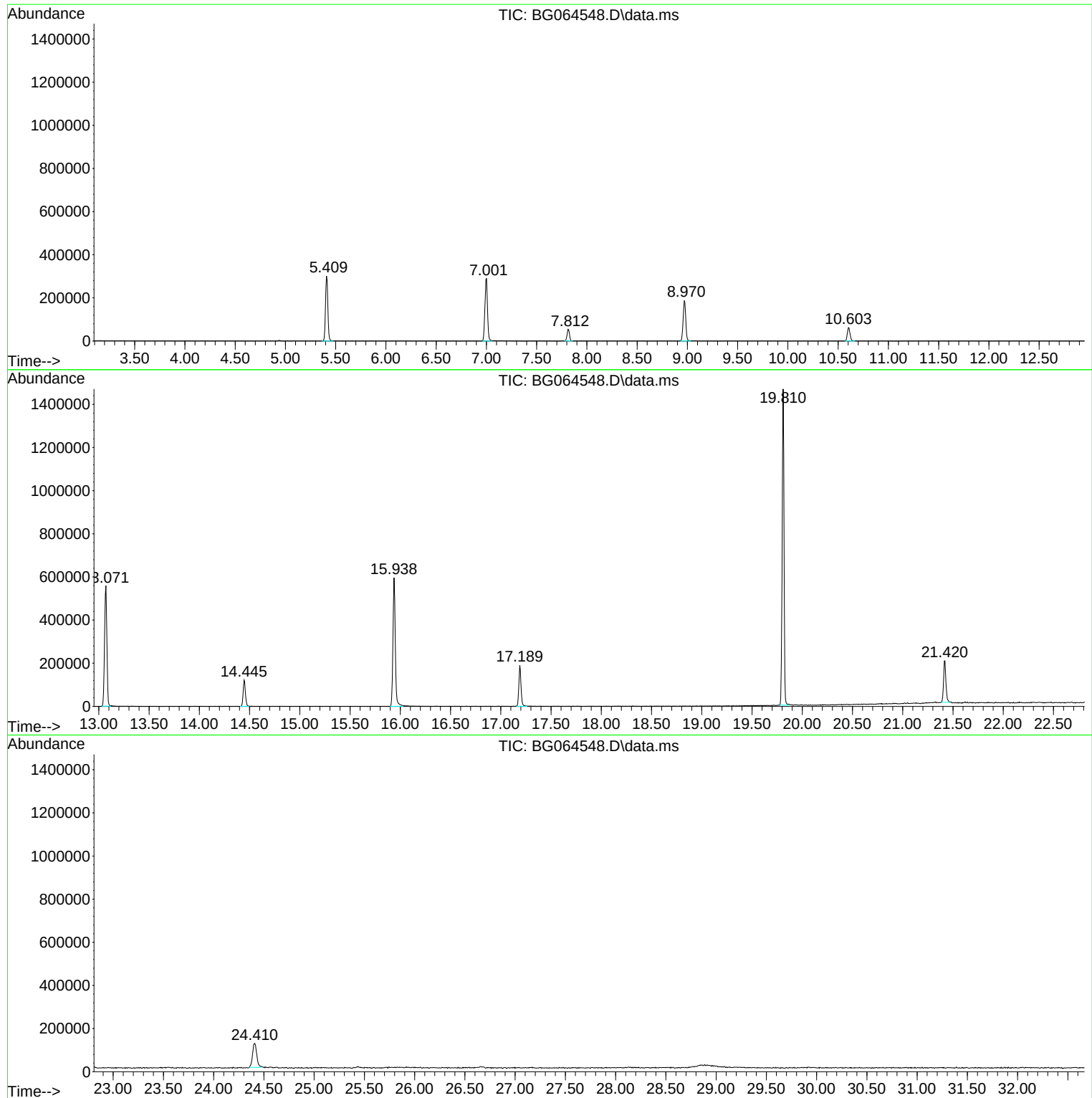
Sum of corrected areas: 6326156

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064548.D  
Acq On : 20 Oct 2025 13:44  
Operator : RC/JU  
Sample : PB170165BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064548.D  
Acq On : 20 Oct 2025 13:44  
Operator : RC/JU  
Sample : PB170165BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064548.D  
Acq On : 20 Oct 2025 13:44  
Operator : RC/JU  
Sample : PB170165BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PB170165BS  
Lab Sample ID: PB170165BS  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL  
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected:  
Date Received:  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 100  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 630   |      | 1  | 160  | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 108-95-2       | Phenol                      | 1500  |      | 1  | 22.1 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1400  |      | 1  | 24.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 1500  |      | 1  | 24.4 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 1500  |      | 1  | 29.9 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1200  |      | 1  | 37.5 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 98-86-2        | Acetophenone                | 1600  |      | 1  | 29.5 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 1500  |      | 1  | 41.1 | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1400  |      | 1  | 47.4 | 79.9       | ug/Kg | 10/20/25 14:25 | PB170165     |
| 67-72-1        | Hexachloroethane            | 1300  |      | 1  | 17.6 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 98-95-3        | Nitrobenzene                | 1500  |      | 1  | 18.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 78-59-1        | Isophorone                  | 1400  |      | 1  | 32.8 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 1500  |      | 1  | 58.1 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 1700  |      | 1  | 64.7 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1500  |      | 1  | 30.8 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 1600  |      | 1  | 28.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 91-20-3        | Naphthalene                 | 1500  |      | 1  | 22.7 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 900   |      | 1  | 35.4 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 1600  |      | 1  | 25.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 105-60-2       | Caprolactam                 | 1500  |      | 1  | 52.0 | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1600  |      | 1  | 28.7 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 1300  |      | 1  | 25.6 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 4200  | E    | 1  | 120  | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1500  |      | 1  | 19.8 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1600  |      | 1  | 29.1 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 1600  |      | 1  | 21.8 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 1400  |      | 1  | 22.5 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 1500  |      | 1  | 48.1 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 1500  |      | 1  | 27.1 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 208-96-8       | Acenaphthylene              | 1700  |      | 1  | 28.9 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 1600  |      | 1  | 33.6 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 1100  |      | 1  | 46.0 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 83-32-9        | Acenaphthene                | 1500  |      | 1  | 21.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 2600  |      | 1  | 230  | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 2900  | E    | 1  | 110  | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 132-64-9       | Dibenzofuran                | 1500  |      | 1  | 22.7 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 1600  |      | 1  | 50.0 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 84-66-2        | Diethylphthalate            | 1500  |      | 1  | 28.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1500  |      | 1  | 26.7 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 86-73-7        | Fluorene                    | 1600  |      | 1  | 25.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 1500  |      | 1  | 64.1 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 1600  |      | 1  | 100  | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |



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## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: PB170165BS  
Lab Sample ID: PB170165BS  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL  
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected:  
Date Received:  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 100  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 1600  |      | 1  | 32.9 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1500  |      | 1  | 27.8 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 1600  |      | 1  | 25.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 1912-24-9  | Atrazine                   | 1600  |      | 1  | 34.0 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 3200  | E    | 1  | 51.2 | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 85-01-8    | Phenanthrene               | 1500  |      | 1  | 20.9 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 120-12-7   | Anthracene                 | 1600  |      | 1  | 33.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 86-74-8    | Carbazole                  | 1600  |      | 1  | 31.2 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 1500  |      | 1  | 47.9 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 206-44-0   | Fluoranthene               | 1500  |      | 1  | 30.0 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 129-00-0   | Pyrene                     | 1400  |      | 1  | 36.0 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 1500  |      | 1  | 71.3 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1100  |      | 1  | 36.7 | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 1500  |      | 1  | 23.0 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 218-01-9   | Chrysene                   | 1500  |      | 1  | 19.9 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1500  |      | 1  | 59.1 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 1500  |      | 1  | 86.7 | 330        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 1600  |      | 1  | 19.0 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 1500  |      | 1  | 22.4 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 1600  |      | 1  | 29.5 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1600  |      | 1  | 29.1 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1600  |      | 1  | 27.4 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 1600  |      | 1  | 25.7 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1600  |      | 1  | 25.6 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 990   |      | 1  | 45.2 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 1600  |      | 1  | 27.4 | 170        | ug/Kg | 10/20/25 14:25 | PB170165     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 109  |  | 18 - 112 | 73% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 125  |  | 15 - 107 | 84% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 83.5 |  | 18 - 107 | 84% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 82.8 |  | 20 - 109 | 83% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 135  |  | 10 - 116 | 90% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 86.2 |  | 10 - 105 | 86% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 13600  |
| 1146-65-2  | Naphthalene-d8         | 56100  |
| 15067-26-2 | Acenaphthene-d10       | 44500  |
| 1517-22-2  | Phenanthrene-d10       | 110000 |
| 1719-03-5  | Chrysene-d12           | 115000 |
| 1520-96-3  | Perylene-d12           | 123000 |





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Fax : 908 789 8922

## Report of Analysis

|                    |                                                  |                     |                 |                  |
|--------------------|--------------------------------------------------|---------------------|-----------------|------------------|
| Client:            | AECOM                                            |                     | Date Collected: |                  |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |                     | Date Received:  |                  |
| Client Sample ID:  | PB170165BS                                       |                     | SDG No.:        | Q3375            |
| Lab Sample ID:     | PB170165BS                                       |                     | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | Level : LOW         | % Solid:        | 100              |
| Sample Wt/Vol:     | 30.03 g                                          | Final Vol: 1000 uL  | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                                           | Prep Date: 10/20/25 |                 |                  |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|

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\BG102025\  
 Data File : BG064549.D  
 Acq On : 20 Oct 2025 14:25  
 Operator : RC/JU  
 Sample : PB170165BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB170165BS

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 15:20:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 02 16:40:42 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.815  | 152  | 13636    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.606 | 136  | 56148    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.448 | 164  | 44549    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 109767   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.423 | 240  | 115066   | 20.000  | ng    | # 0.01   |
| 86) Perylene-d12              | 24.407 | 264  | 122784   | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.412  | 112  | 80542    | 109.312 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.004  | 99   | 124074   | 125.308 | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 8.973  | 82   | 87220    | 83.526  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.941 | 330  | 109226   | 135.262 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.074 | 172  | 250135   | 82.763  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.807 | 244  | 523971   | 86.178  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.309  | 88   | 8665     | 29.732  | ng    | 94       |
| 3) Pyridine                   | 3.708  | 79   | 17360    | 22.164  | ng    | # 85     |
| 4) n-Nitrosodimethylamine     | 3.620  | 42   | 20816    | 36.660  | ng    | 85       |
| 6) Aniline                    | 7.145  | 93   | 40496    | 32.424  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.386  | 128  | 40444    | 44.701  | ng    | 96       |
| 9) Benzaldehyde               | 6.957  | 77   | 16529    | 18.806  | ng    | 92       |
| 10) Phenol                    | 7.034  | 94   | 46653    | 44.664  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.245  | 93   | 28699    | 40.572  | ng    | 83       |
| 12) 1,3-Dichlorobenzene       | 7.709  | 146  | 42363    | 42.802  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 7.850  | 146  | 42566    | 42.852  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.168  | 146  | 43365    | 44.295  | ng    | 95       |
| 15) Benzyl Alcohol            | 8.062  | 79   | 40960    | 44.919  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.338  | 45   | 40117    | 35.184  | ng    | 97       |
| 17) 2-Methylphenol            | 8.267  | 107  | 34669    | 45.837  | ng    | 95       |
| 18) Hexachloroethane          | 8.890  | 117  | 15340    | 39.124  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.626  | 70   | 27125    | 40.962  | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.597  | 107  | 46606    | 44.156  | ng    | 93       |
| 22) Acetophenone              | 8.638  | 105  | 67129    | 49.378  | ng    | 98       |
| 24) Nitrobenzene              | 9.014  | 77   | 45428    | 43.626  | ng    | 97       |
| 25) Isophorone                | 9.542  | 82   | 80259    | 42.427  | ng    | # 94     |
| 26) 2-Nitrophenol             | 9.725  | 139  | 22785    | 43.964  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.795  | 122  | 41510    | 52.440  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.018 | 93   | 43884    | 45.510  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.265 | 162  | 43133    | 47.121  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.471 | 180  | 47728    | 47.820  | ng    | 90       |
| 31) Naphthalene               | 10.659 | 128  | 129701   | 44.858  | ng    | 98       |
| 32) Benzoic acid              | 9.977  | 122  | 28536    | 46.954  | ng    | 90       |
| 33) 4-Chloroaniline           | 10.770 | 127  | 30068    | 27.100  | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.941 | 225  | 40500    | 47.382  | ng    | 98       |
| 35) Caprolactam               | 11.552 | 113  | 14581    | 46.530  | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 11.904 | 107  | 53322    | 47.901  | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.269 | 142  | 89977    | 40.540  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.486 | 142  | 93890m   | 42.425  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.639 | 216  | 69550    | 48.352  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.615 | 237  | 95619    | 127.082 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.886 | 196  | 41251    | 44.862  | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
 Data File : BG064549.D  
 Acq On : 20 Oct 2025 14:25  
 Operator : RC/JU  
 Sample : PB170165BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170165BS

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
 Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 15:20:20 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 02 16:40:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.962 | 196  | 48664    | 47.405 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.279 | 154  | 157453   | 49.141 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.320 | 162  | 103546   | 43.284 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.526 | 65   | 36668    | 44.910 | ng    | 98       |
| 49) Acenaphthylene            | 14.172 | 152  | 182191   | 51.304 | ng    | 96       |
| 50) Dimethylphthalate         | 13.914 | 163  | 157351   | 45.098 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.025 | 165  | 35055    | 48.230 | ng    | 91       |
| 52) Acenaphthene              | 14.513 | 154  | 109342   | 44.318 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.360 | 138  | 21818    | 32.549 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.572 | 184  | 41874    | 79.453 | ng    | 94       |
| 55) Dibenzofuran              | 14.848 | 168  | 183269   | 44.988 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.684 | 139  | 46397    | 87.916 | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 14.819 | 165  | 52347    | 47.114 | ng    | 93       |
| 58) Fluorene                  | 15.494 | 166  | 157870   | 46.615 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.083 | 232  | 49925    | 47.653 | ng    | 99       |
| 60) Diethylphthalate          | 15.271 | 149  | 171377   | 45.787 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.488 | 204  | 83977    | 45.419 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.524 | 138  | 32377    | 46.343 | ng    | 90       |
| 63) Azobenzene                | 15.782 | 77   | 133595   | 46.087 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.582 | 198  | 35846    | 46.902 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.706 | 169  | 136800   | 46.670 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.381 | 248  | 59795    | 46.292 | ng    | 90       |
| 68) Hexachlorobenzene         | 16.499 | 284  | 69283    | 46.874 | ng    | 97       |
| 69) Atrazine                  | 16.658 | 200  | 62655    | 48.044 | ng    | 96       |
| 70) Pentachlorophenol         | 16.852 | 266  | 83239    | 96.317 | ng    | 97       |
| 71) Phenanthrene              | 17.233 | 178  | 261958   | 45.635 | ng    | 98       |
| 72) Anthracene                | 17.322 | 178  | 268556   | 46.634 | ng    | 97       |
| 73) Carbazole                 | 17.598 | 167  | 233881   | 46.986 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.156 | 149  | 278793   | 45.881 | ng    | 99       |
| 75) Fluoranthene              | 19.243 | 202  | 312448   | 45.562 | ng    | 98       |
| 77) Benzidine                 | 19.431 | 184  | 81811    | 28.573 | ng    | 99       |
| 78) Pyrene                    | 19.607 | 202  | 319492   | 42.785 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.500 | 149  | 121880   | 46.042 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.399 | 228  | 337748   | 45.971 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.323 | 252  | 80327    | 32.303 | ng    | # 98     |
| 83) Chrysene                  | 21.464 | 228  | 304625   | 43.720 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.323 | 149  | 172602   | 46.213 | ng    | 95       |
| 85) Di-n-octyl phthalate      | 22.445 | 149  | 288601   | 45.976 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.768 | 276  | 397838   | 46.550 | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 23.467 | 252  | 333073   | 47.683 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.526 | 252  | 323651   | 46.004 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.266 | 252  | 316286   | 49.130 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.827 | 278  | 332998   | 48.721 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 28.820 | 276  | 319167   | 48.053 | ng    | 97       |

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

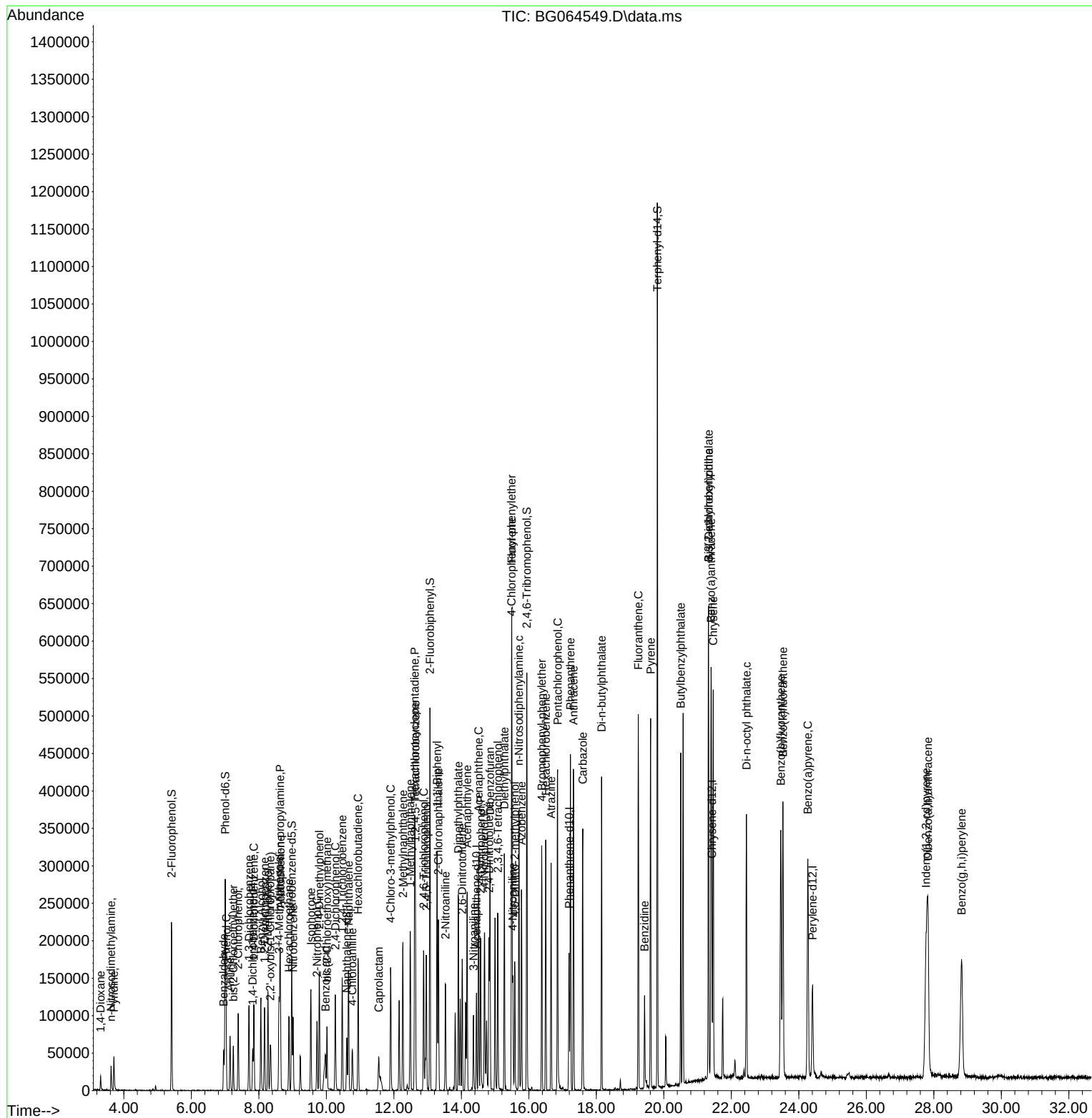
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102025\  
Data File : BG064549.D  
Acq On : 20 Oct 2025 14:25  
Operator : RC/JU  
Sample : PB170165BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

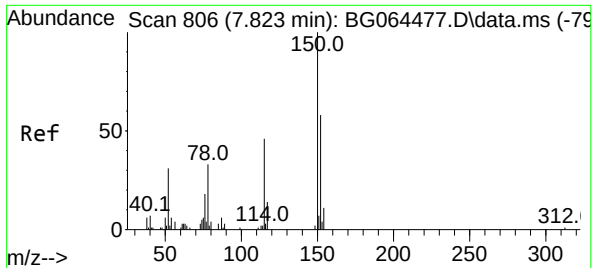
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
PB170165BS

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

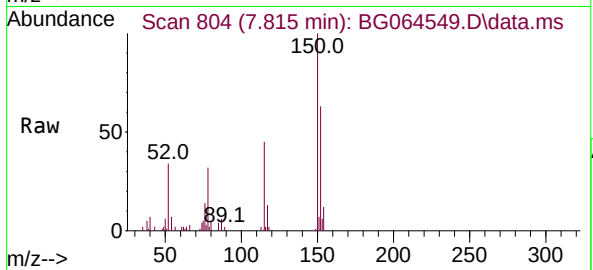
Quant Time: Oct 20 15:20:20 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 02 16:40:42 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.815 min Scan# 80  
Delta R.T. -0.005 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

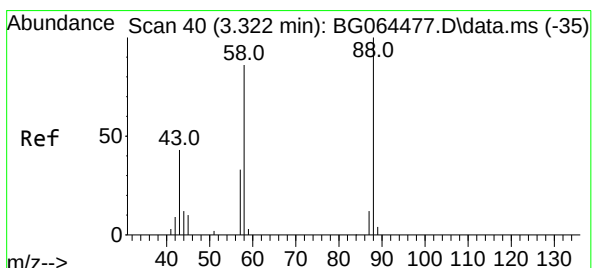
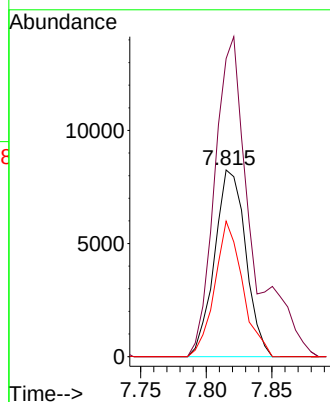
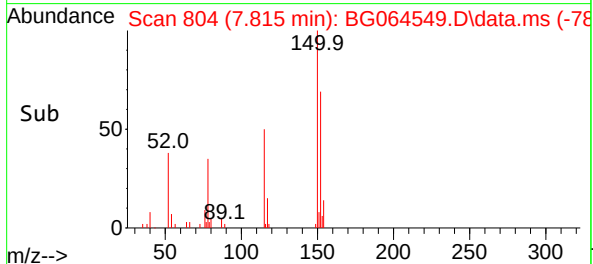
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:152 Resp: 13636  
Ion Ratio Lower Upper  
152 100  
150 159.7 138.6 207.8  
115 72.6 63.4 95.2

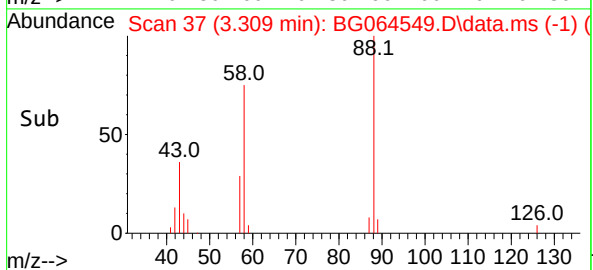
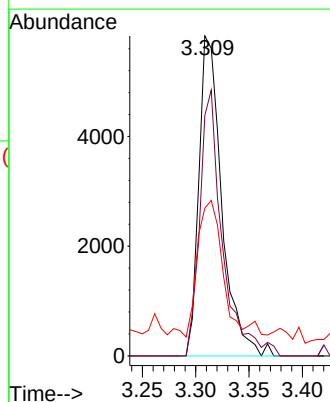
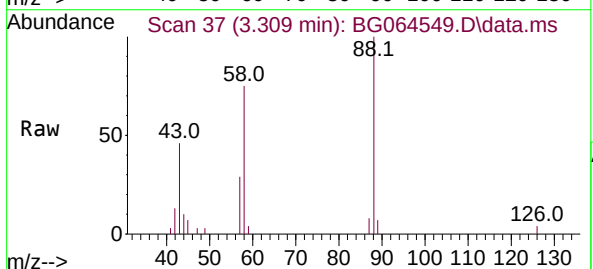
Manual Integrations  
APPROVED

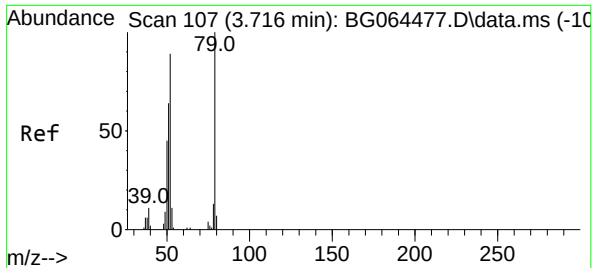
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#2  
1,4-Dioxane  
Concen: 29.732 ng  
RT: 3.309 min Scan# 37  
Delta R.T. -0.011 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

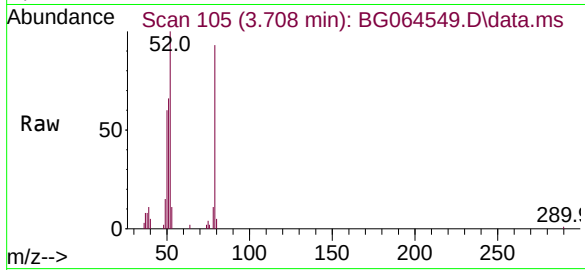
Tgt Ion: 88 Resp: 8665  
Ion Ratio Lower Upper  
88 100  
58 82.1 69.8 104.6  
43 50.7 37.4 56.0





#3  
Pyridine  
Concen: 22.164 ng  
RT: 3.708 min Scan# 10  
Delta R.T. -0.005 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

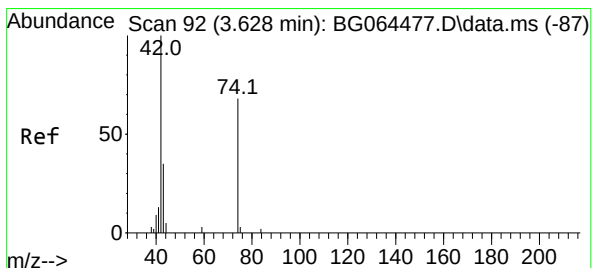
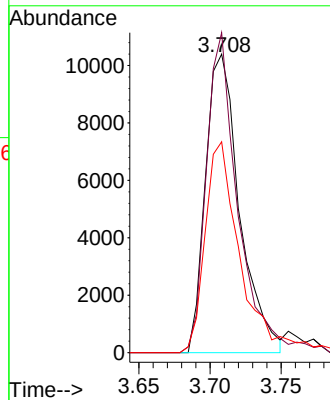
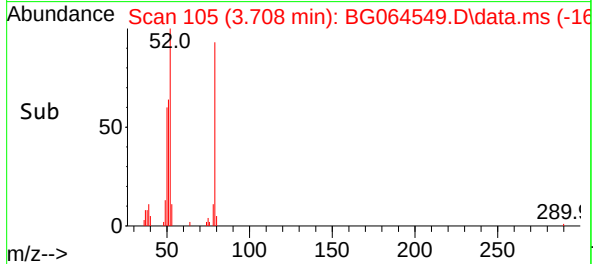
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion: 79 Resp: 17360  
Ion Ratio Lower Upper  
79 100  
52 107.2 71.0 106.4  
51 70.6 51.0 76.6

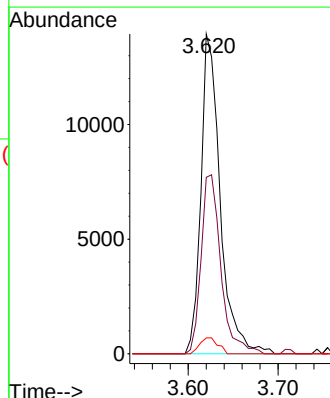
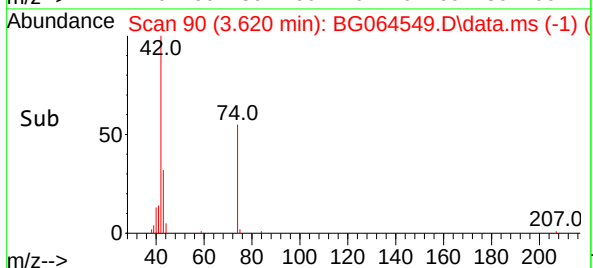
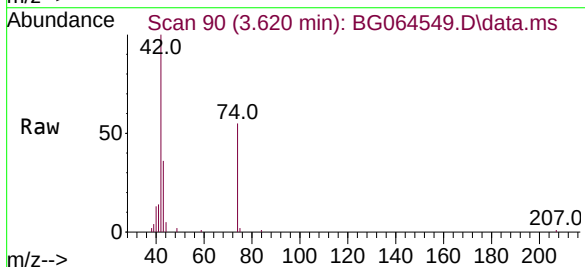
Manual Integrations  
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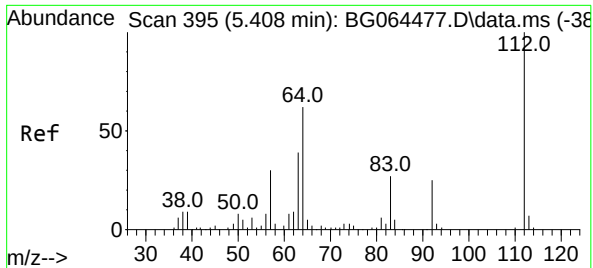
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#4  
n-Nitrosodimethylamine  
Concen: 36.660 ng  
RT: 3.620 min Scan# 90  
Delta R.T. -0.005 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

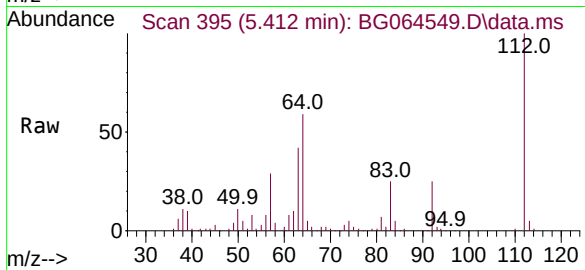
Tgt Ion: 42 Resp: 20816  
Ion Ratio Lower Upper  
42 100  
74 55.2 54.2 81.4  
44 5.0 4.2 6.2





#5  
2-Fluorophenol  
Concen: 109.312 ng  
RT: 5.412 min Scan# 395  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

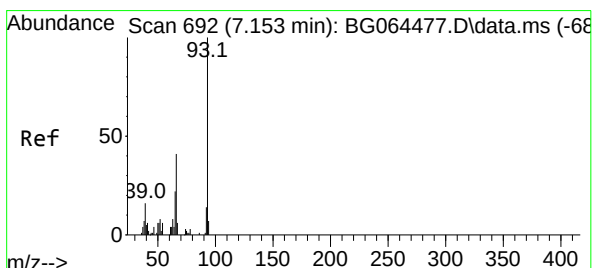
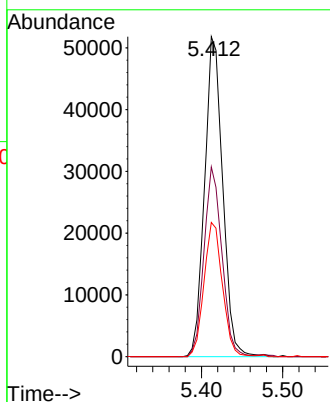
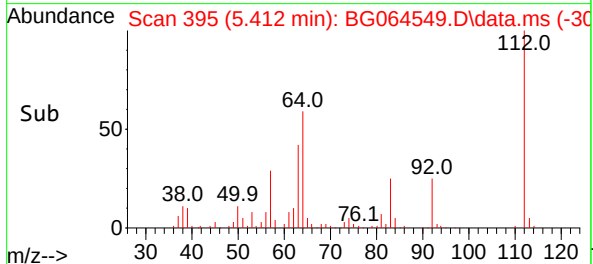
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion: 112 Resp: 80542  
Ion Ratio Lower Upper  
112 100  
64 59.3 49.8 74.8  
63 41.9 31.3 46.9

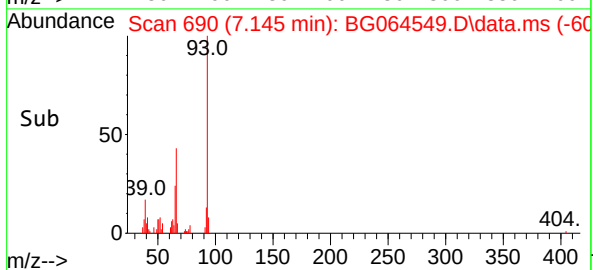
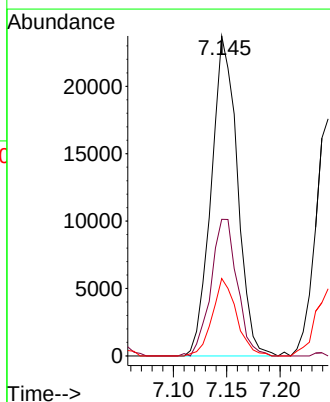
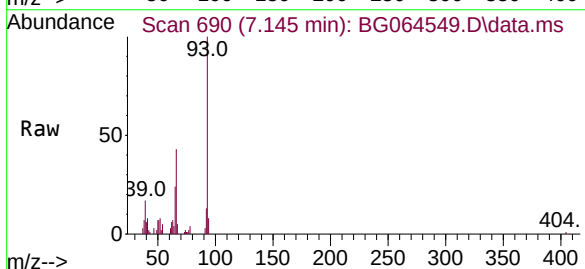
Manual Integrations  
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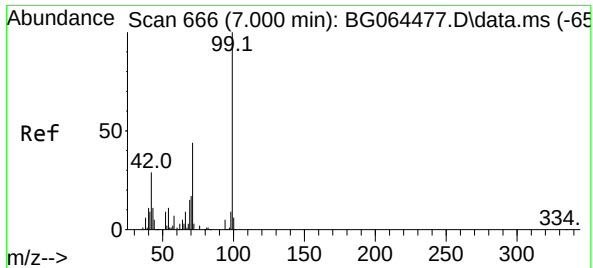
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#6  
Aniline  
Concen: 32.424 ng  
RT: 7.145 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion: 93 Resp: 40496  
Ion Ratio Lower Upper  
93 100  
66 42.7 33.0 49.4  
65 24.2 17.5 26.3





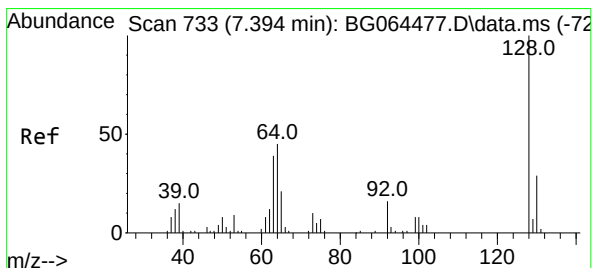
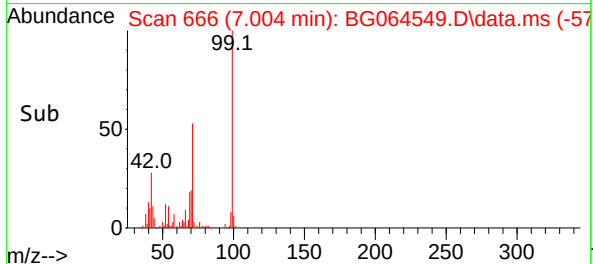
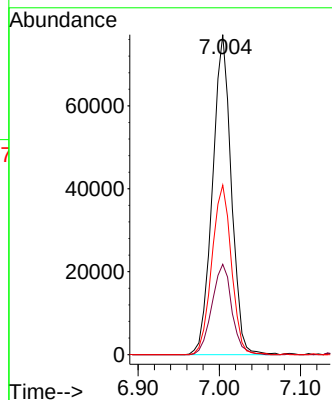
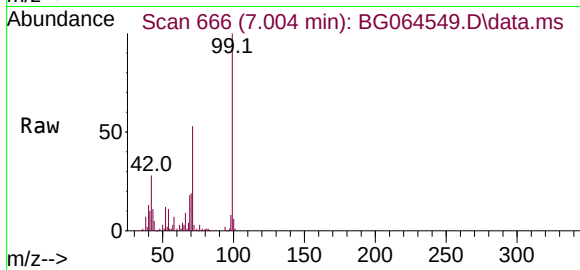
#7  
Phenol-d6  
Concen: 125.308 ng  
RT: 7.004 min Scan# 60  
Delta R.T. 0.018 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS

Tgt Ion: 99 Resp: 124074  
Ion Ratio Lower Upper  
99 100  
42 28.2 22.9 34.3  
71 53.0 35.4 53.2

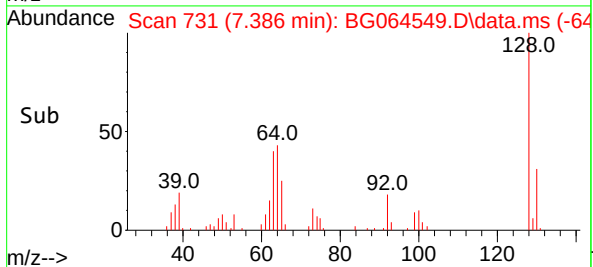
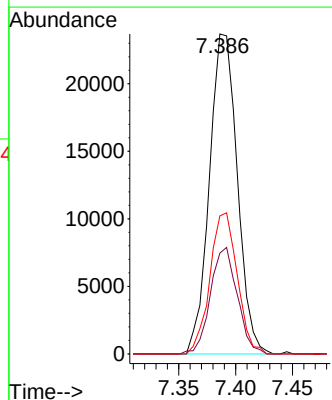
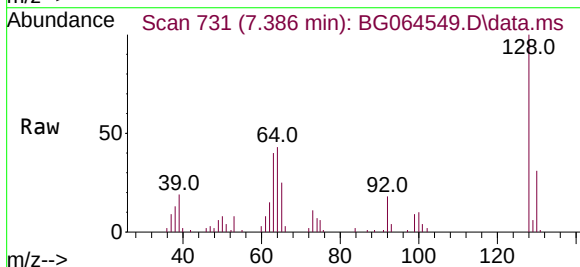
Manual Integrations  
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Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

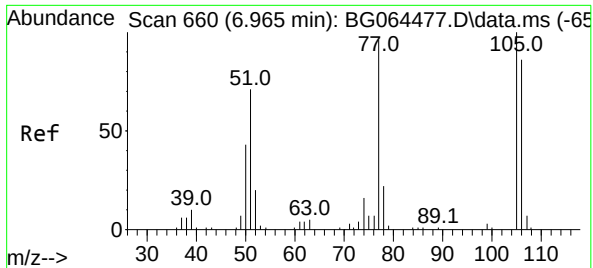


#8  
2-Chlorophenol  
Concen: 44.701 ng  
RT: 7.386 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion:128 Resp: 40444  
Ion Ratio Lower Upper  
128 100  
130 31.5 9.2 49.2  
64 43.1 25.5 65.5







#9  
Benzaldehyde  
Concen: 18.806 ng  
RT: 6.957 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

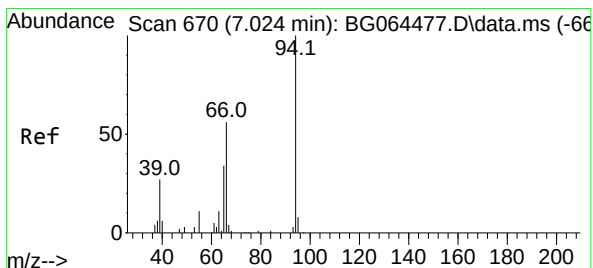
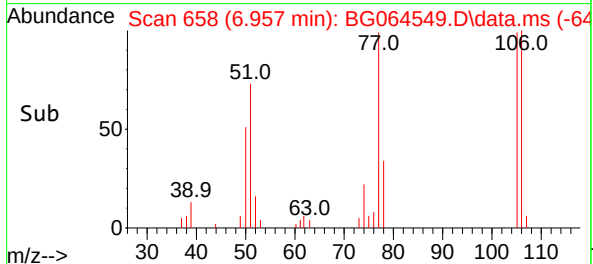
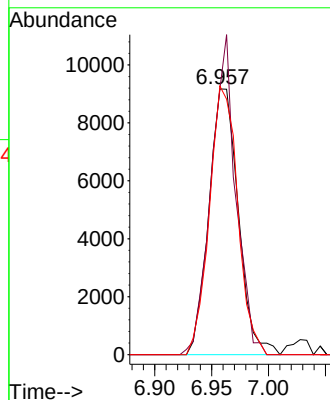
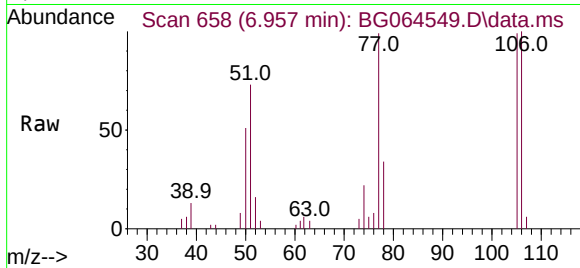
PB170165BS

Tgt Ion: 77 Resp: 16529  
Ion Ratio Lower Upper  
77 100  
105 99.9 83.7 123.7  
106 101.1 69.4 109.4

Manual Integrations

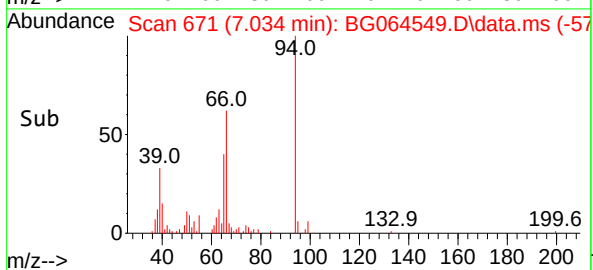
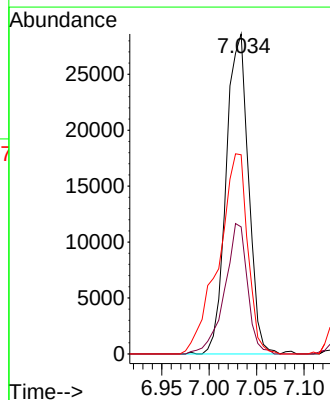
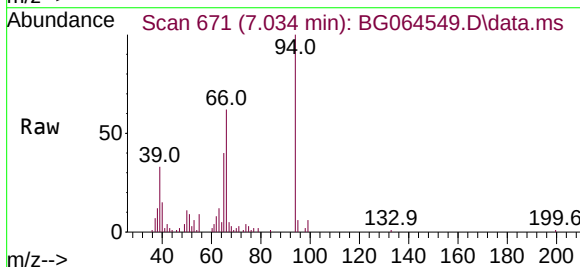
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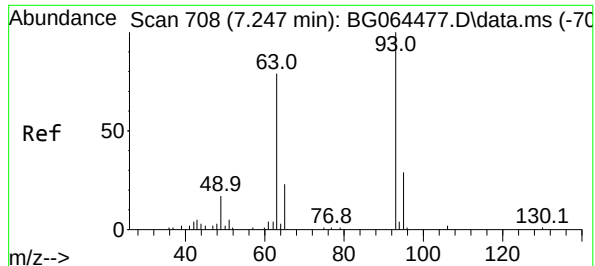
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#10  
Phenol  
Concen: 44.664 ng  
RT: 7.034 min Scan# 671  
Delta R.T. 0.018 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion: 94 Resp: 46653  
Ion Ratio Lower Upper  
94 100  
65 39.7 14.8 54.8  
66 62.2 41.4 81.4





#11

bis(2-Chloroethyl)ether

Concen: 40.572 ng

RT: 7.245 min Scan# 708

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

Tgt Ion: 93 Resp: 28699

Ion Ratio Lower Upper

93 100

63 93.6 59.5 99.5

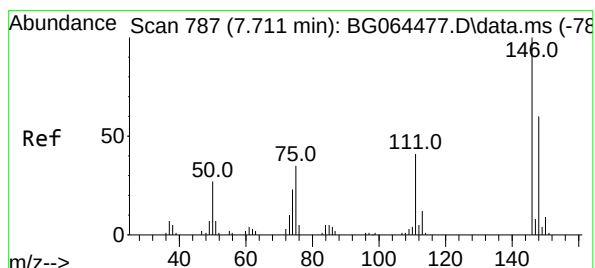
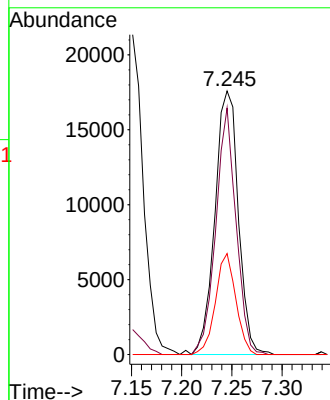
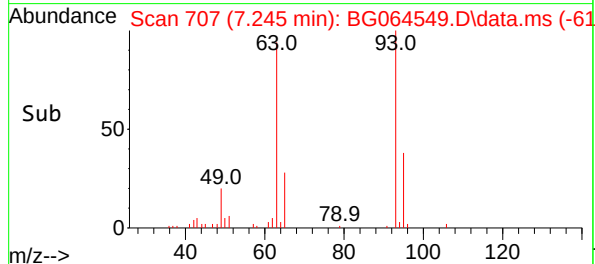
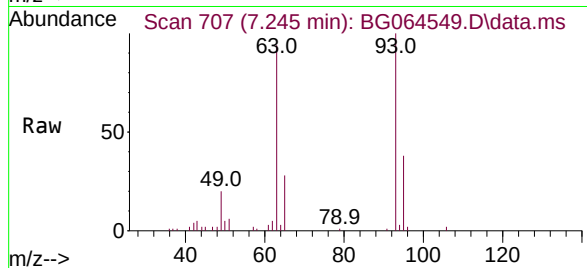
95 38.4 8.8 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#12

1,3-Dichlorobenzene

Concen: 42.802 ng

RT: 7.709 min Scan# 786

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

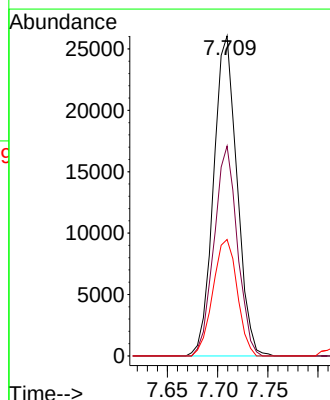
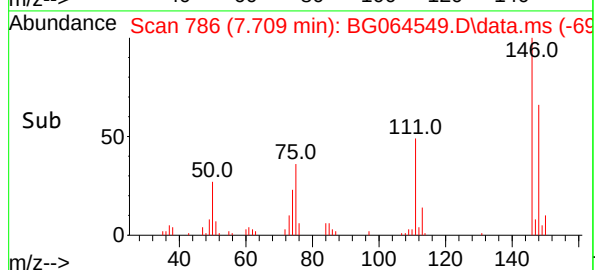
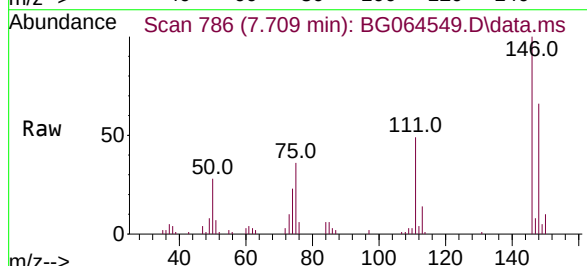
Tgt Ion:146 Resp: 42363

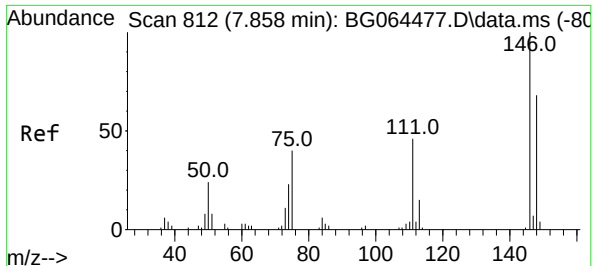
Ion Ratio Lower Upper

146 100

148 65.6 48.4 72.6

75 36.4 28.3 42.5





#13

1,4-Dichlorobenzene

Concen: 42.852 ng

RT: 7.850 min Scan# 812

Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

Tgt Ion:146 Resp: 42566

Ion Ratio Lower Upper

146 100

148 63.0 54.4 81.6

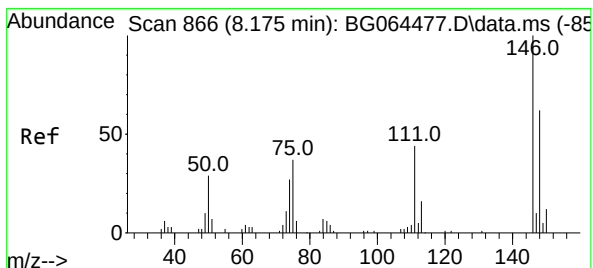
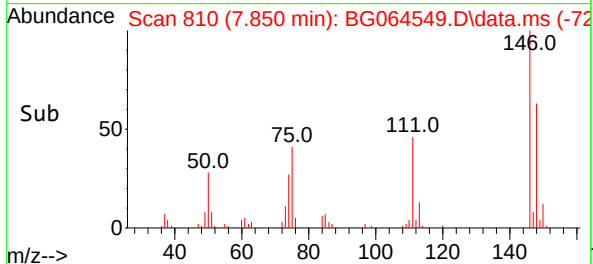
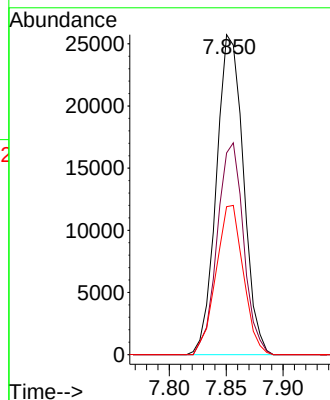
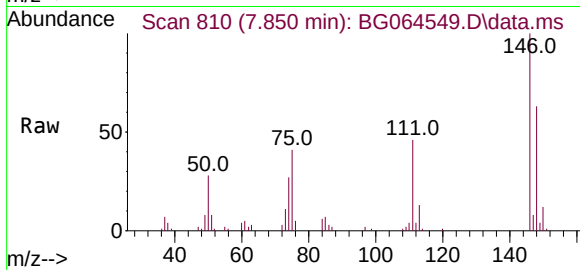
111 46.2 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#14

1,2-Dichlorobenzene

Concen: 44.295 ng

RT: 8.168 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

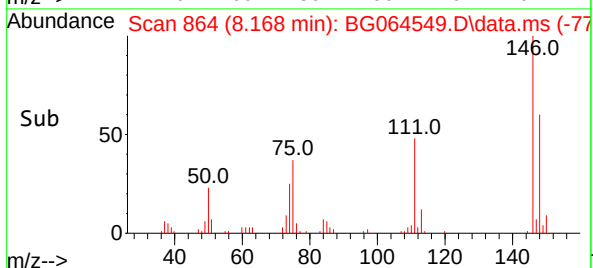
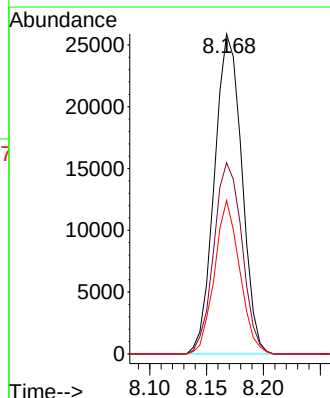
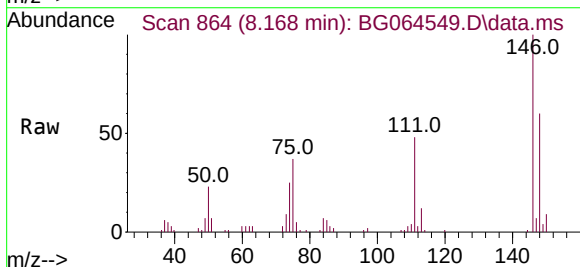
Tgt Ion:146 Resp: 43365

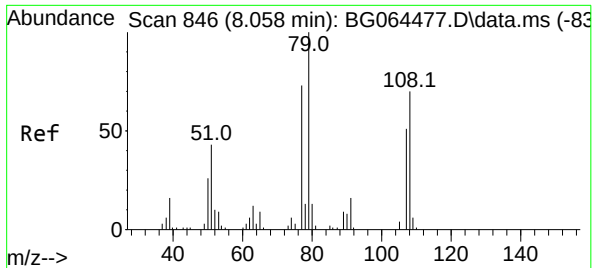
Ion Ratio Lower Upper

146 100

148 59.7 50.0 75.0

111 48.0 35.0 52.4





#15

Benzyl Alcohol

Concen: 44.919 ng

RT: 8.062 min Scan# 846

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

Tgt Ion: 79 Resp: 40960

Ion Ratio Lower Upper

79 100

108 62.2 56.4 84.6

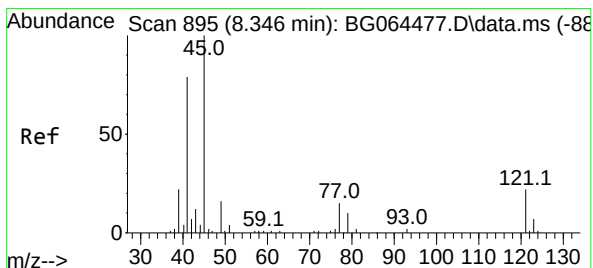
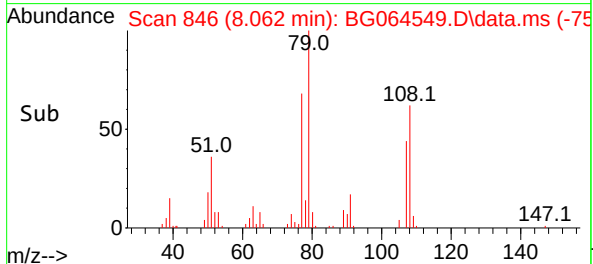
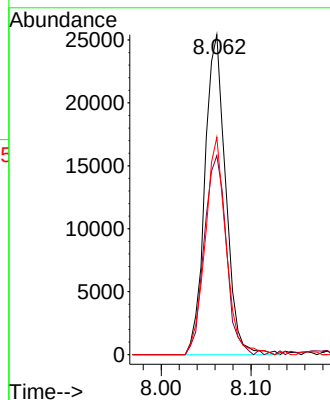
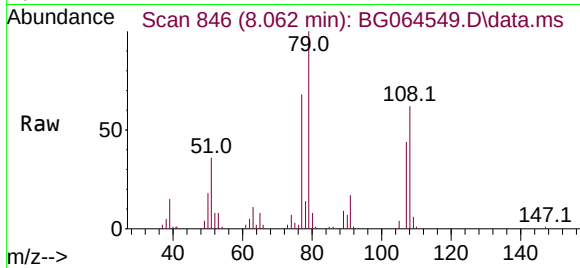
77 67.9 58.3 87.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.184 ng

RT: 8.338 min Scan# 893

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

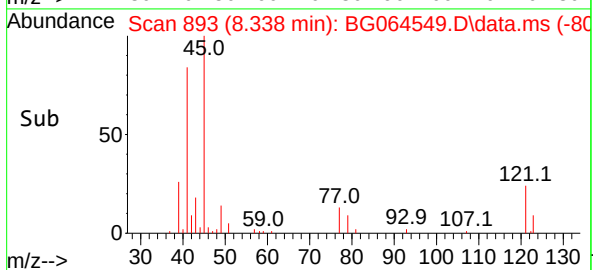
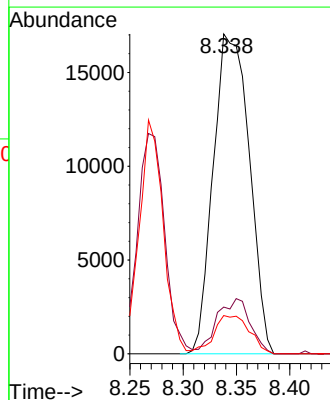
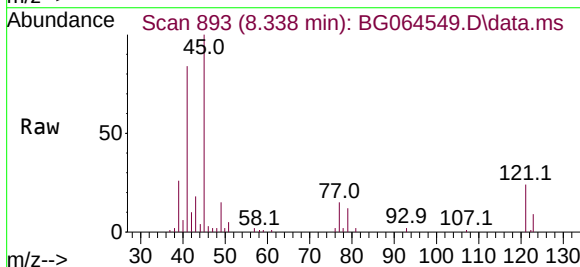
Tgt Ion: 45 Resp: 40117

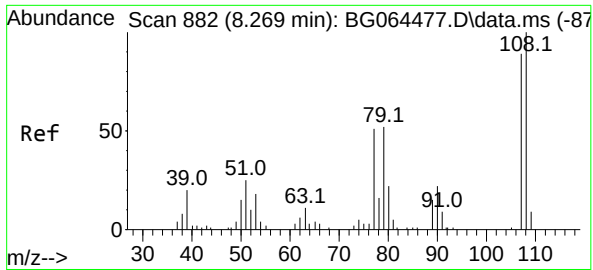
Ion Ratio Lower Upper

45 100

77 14.6 0.0 35.6

79 12.0 0.0 30.7





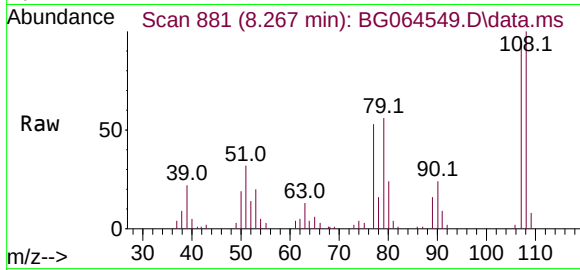
#17  
2-Methylphenol  
Concen: 45.837 ng  
RT: 8.267 min Scan# 881  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

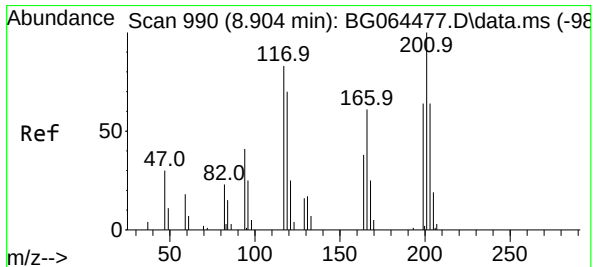
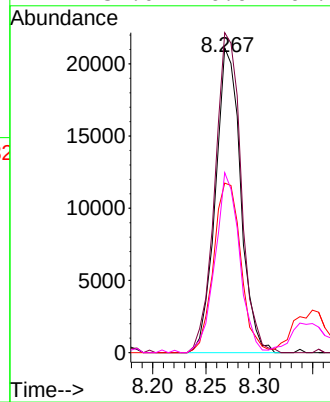
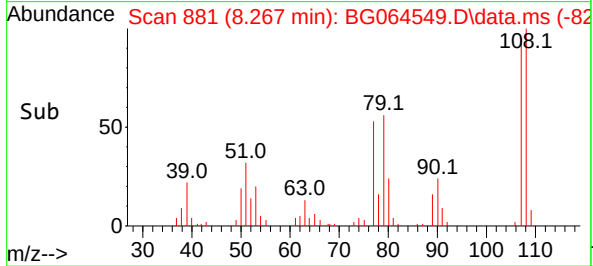


Tgt Ion:107 Resp: 34669  
Ion Ratio Lower Upper  
107 100  
108 105.0 90.3 135.5  
77 55.7 46.0 69.0  
79 59.0 46.6 69.8

Manual Integrations

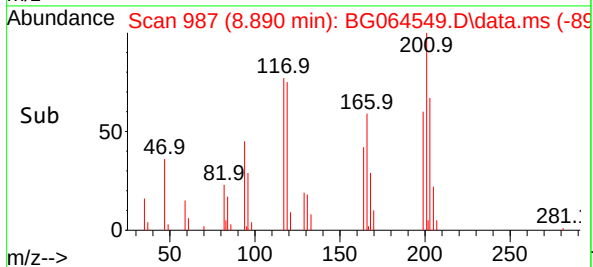
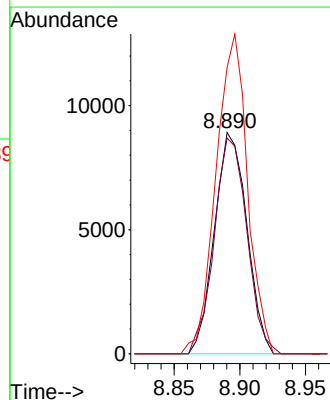
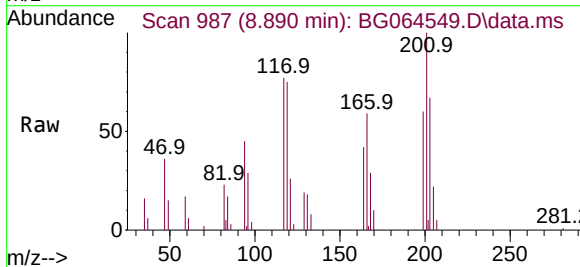
APPROVED

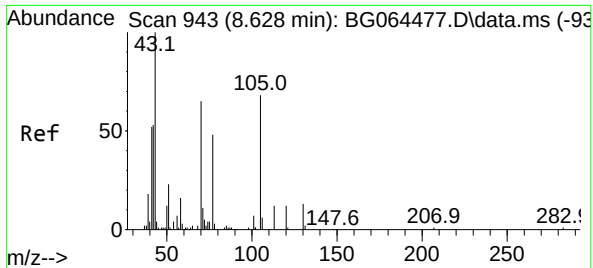
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#18  
Hexachloroethane  
Concen: 39.124 ng  
RT: 8.890 min Scan# 987  
Delta R.T. -0.005 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

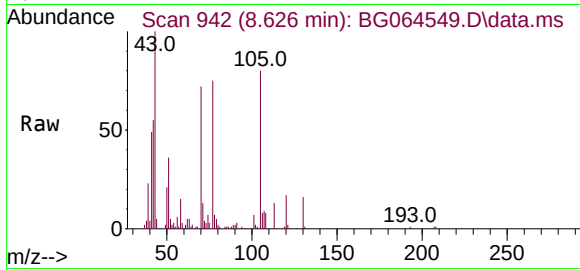
Tgt Ion:117 Resp: 15340  
Ion Ratio Lower Upper  
117 100  
119 97.5 67.4 101.0  
201 129.3 95.9 143.9





#19  
n-Nitroso-di-n-propylamine  
Concen: 40.962 ng  
RT: 8.626 min Scan# 942  
Delta R.T. 0.012 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

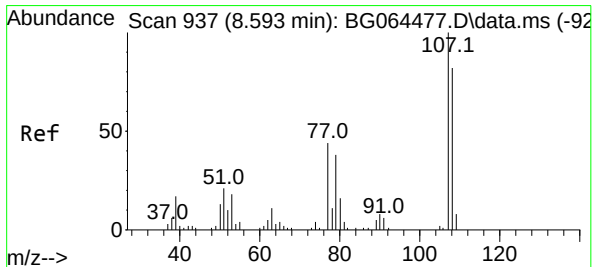
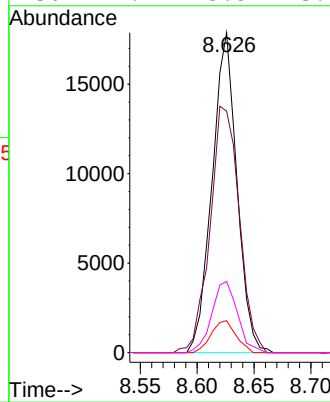
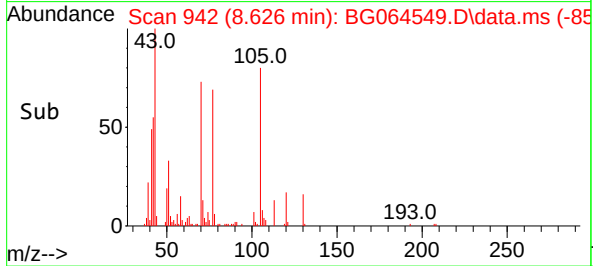
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion: 70 Resp: 27125  
Ion Ratio Lower Upper  
70 100  
42 75.5 64.9 97.3  
101 10.0 8.7 13.1  
130 22.2 15.8 23.8

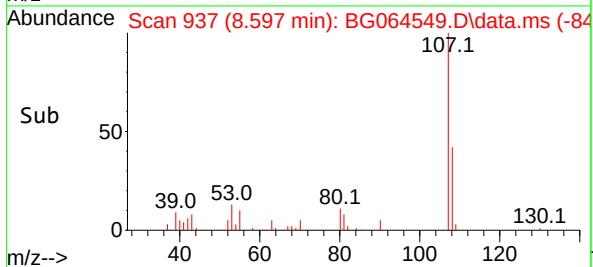
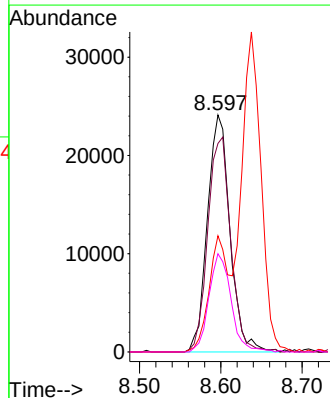
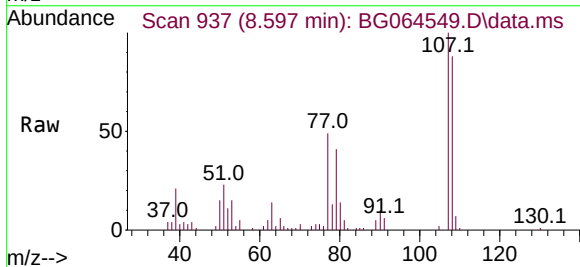
Manual Integrations  
APPROVED

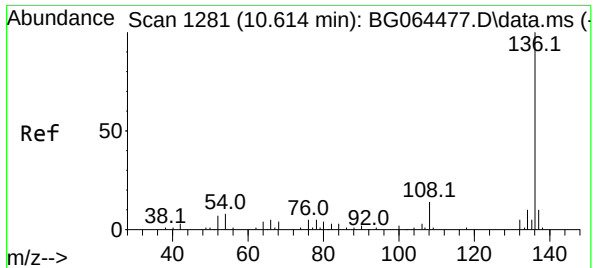
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#20  
3+4-Methylphenols  
Concen: 44.156 ng  
RT: 8.597 min Scan# 937  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

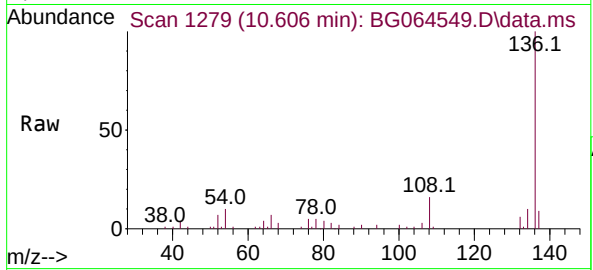
Tgt Ion:107 Resp: 46606  
Ion Ratio Lower Upper  
107 100  
108 87.9 62.1 102.1  
77 49.0 23.5 63.5  
79 41.4 17.8 57.8





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.606 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

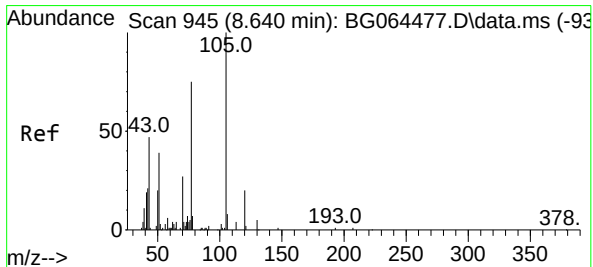
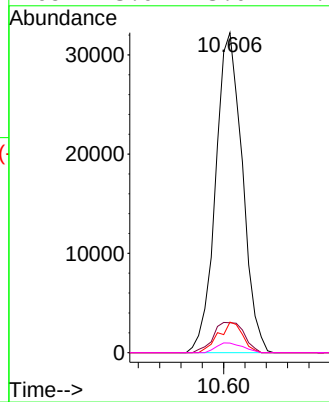
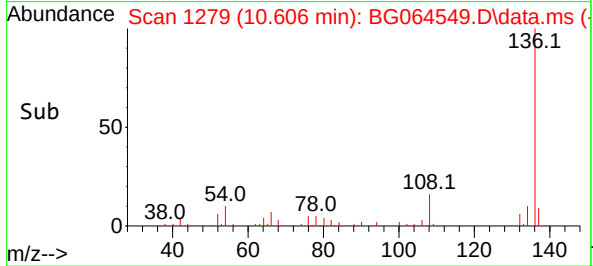
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:136 Resp: 56148  
Ion Ratio Lower Upper  
136 100  
137 9.3 8.3 12.5  
54 9.5 6.2 9.4  
68 3.0 3.0 4.4

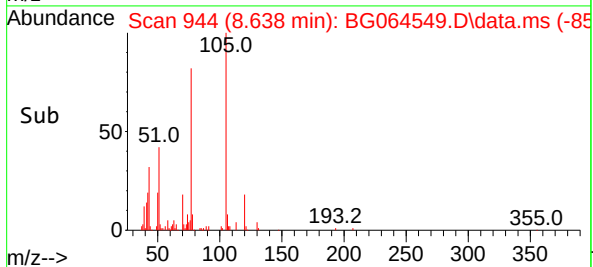
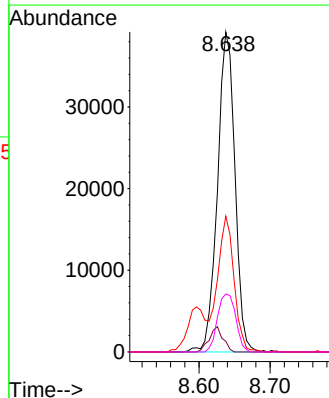
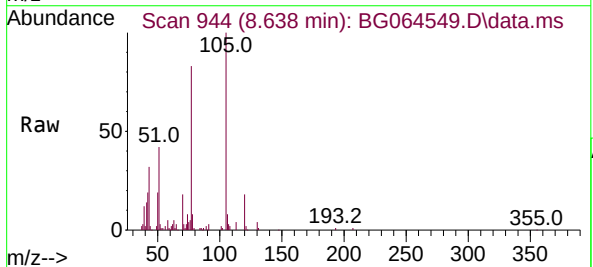
Manual Integrations  
APPROVED

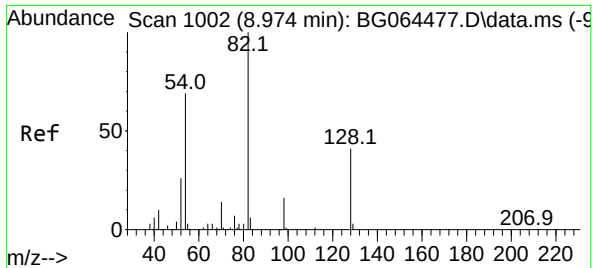
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#22  
Acetophenone  
Concen: 49.378 ng  
RT: 8.638 min Scan# 944  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion:105 Resp: 67129  
Ion Ratio Lower Upper  
105 100  
71 3.3 2.8 4.2  
51 42.4 33.0 49.4  
120 18.1 15.8 23.6





#23

Nitrobenzene-d5

Concen: 83.526 ng

RT: 8.973 min Scan# 1002

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

Tgt Ion: 82 Resp: 87220

Ion Ratio Lower Upper

82 100

128 40.5 33.1 49.7

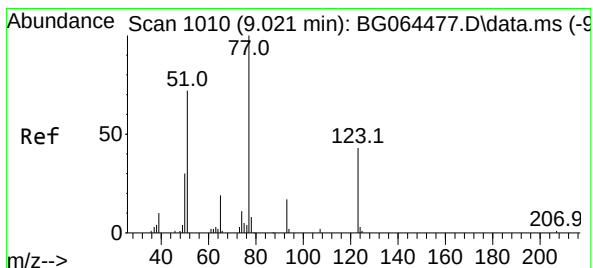
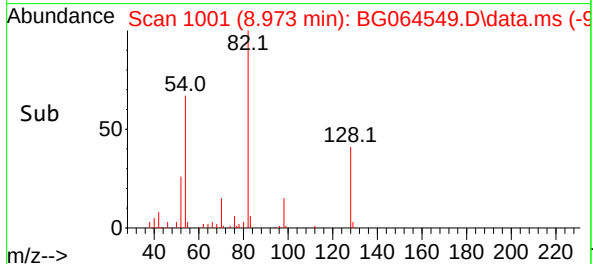
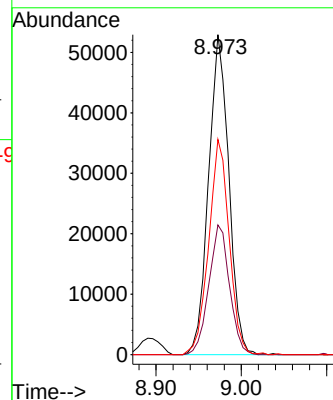
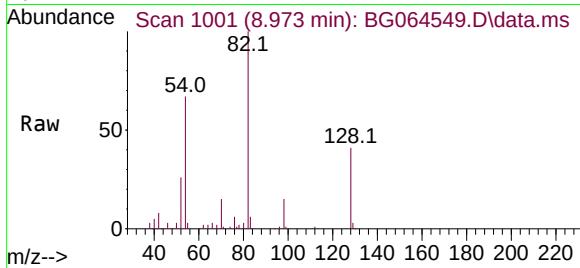
54 67.2 55.4 83.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#24

Nitrobenzene

Concen: 43.626 ng

RT: 9.014 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

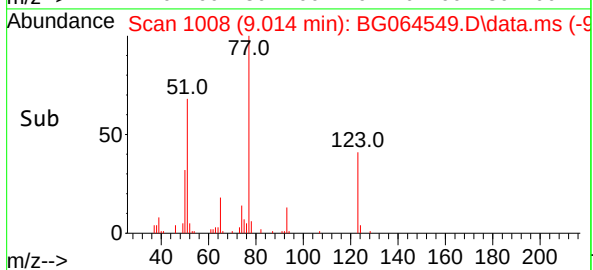
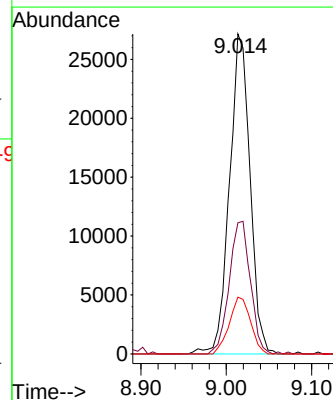
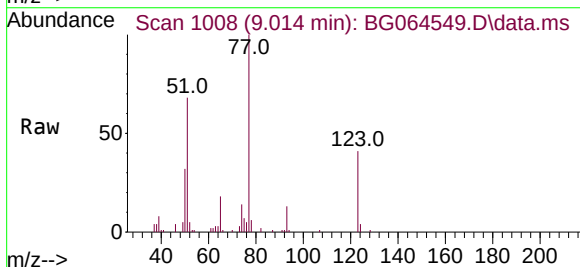
Tgt Ion: 77 Resp: 45428

Ion Ratio Lower Upper

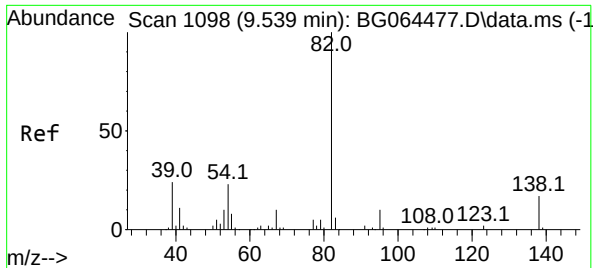
77 100

123 41.0 34.4 51.6

65 17.7 14.8 22.2







#25

Isophorone

Concen: 42.427 ng

RT: 9.542 min Scan# 1098

Delta R.T. 0.012 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

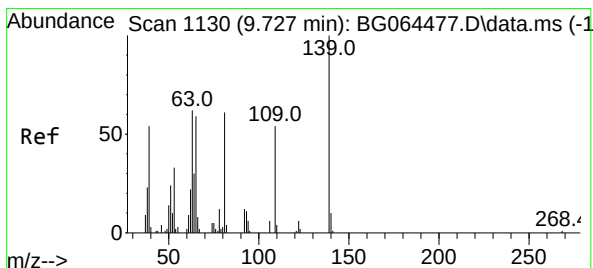
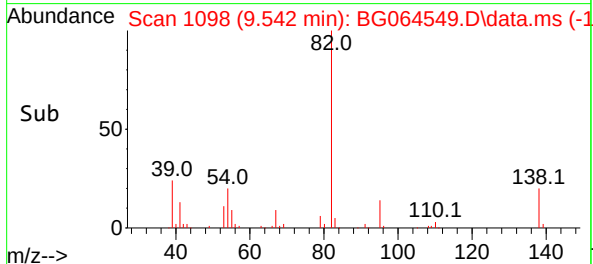
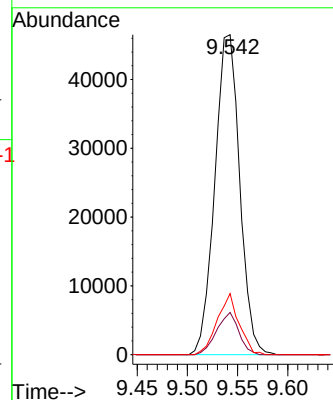
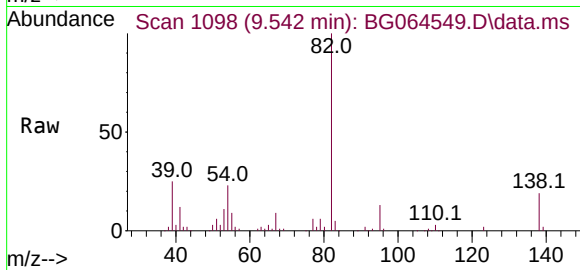
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 80259 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 13.2  | 7.8   | 11.8  |
| 138       | 19.1  | 13.8  | 20.6  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#26

2-Nitrophenol

Concen: 43.964 ng

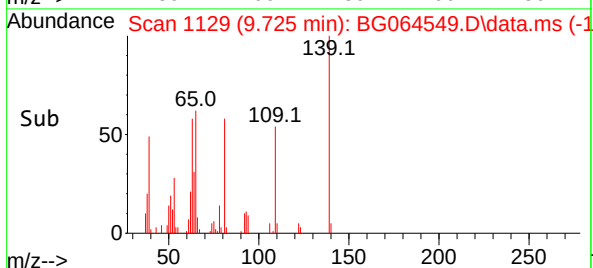
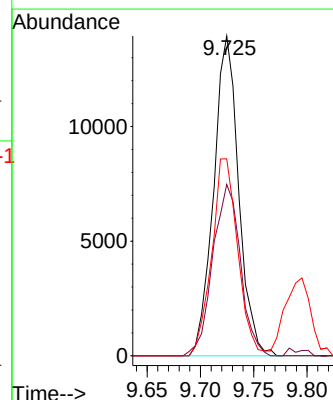
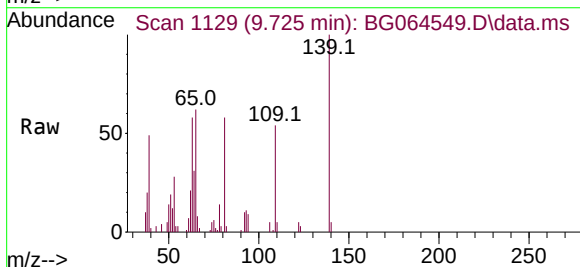
RT: 9.725 min Scan# 1129

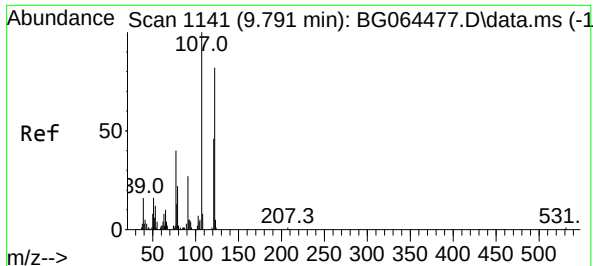
Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 22785 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 53.6  | 43.0  | 64.6  |
| 65        | 61.6  | 47.4  | 71.2  |





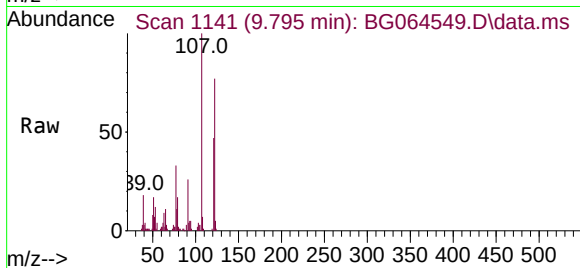
#27  
2,4-Dimethylphenol  
Concen: 52.440 ng  
RT: 9.795 min Scan# 1141  
Delta R.T. 0.012 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

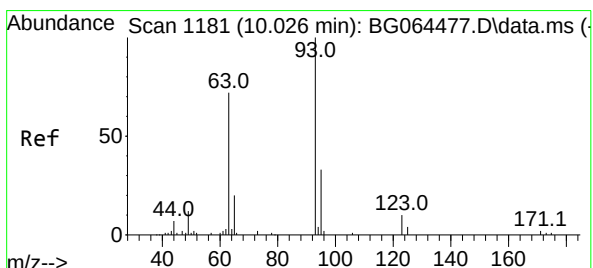
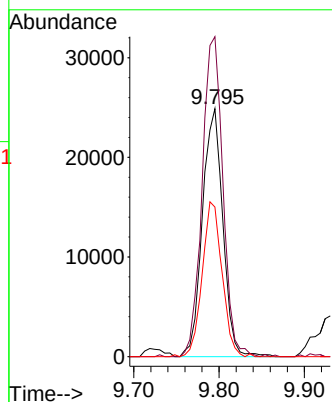
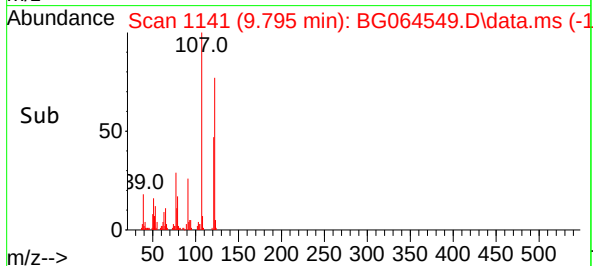


Tgt Ion: 122 Resp: 41510  
Ion Ratio Lower Upper  
122 100  
107 129.1 98.3 147.5  
121 60.4 44.7 67.1

Manual Integrations

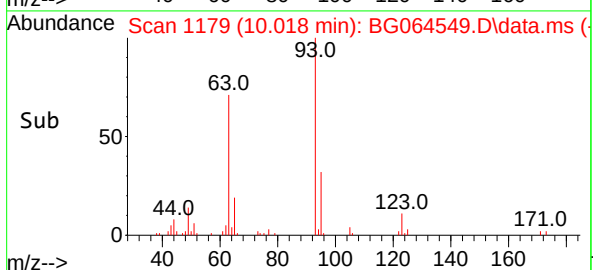
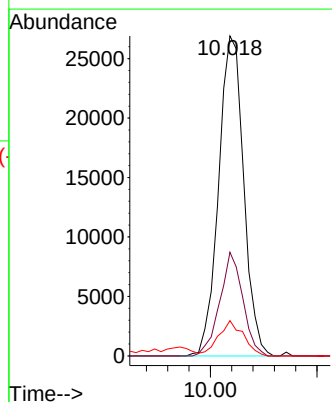
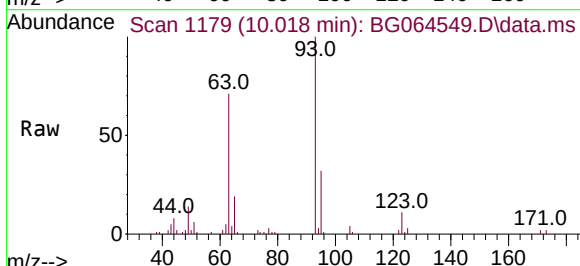
APPROVED

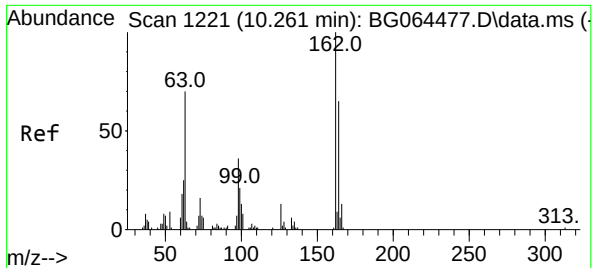
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.510 ng  
RT: 10.018 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion: 93 Resp: 43884  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.5 39.7  
123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 47.121 ng

RT: 10.265 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

Tgt Ion:162 Resp: 43133

Ion Ratio Lower Upper

162 100

164 64.4 45.4 85.4

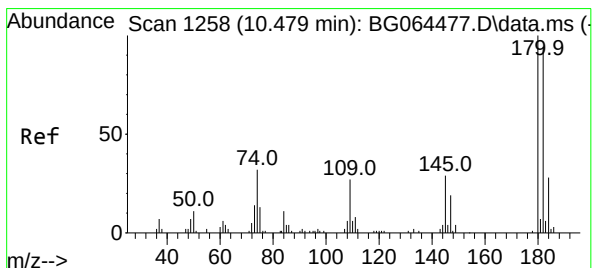
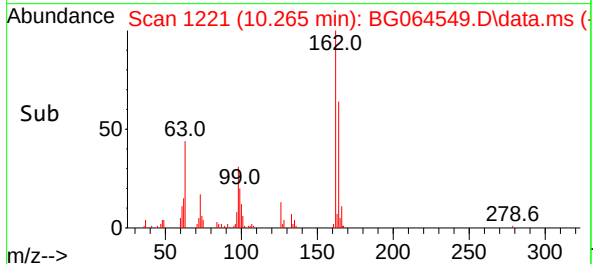
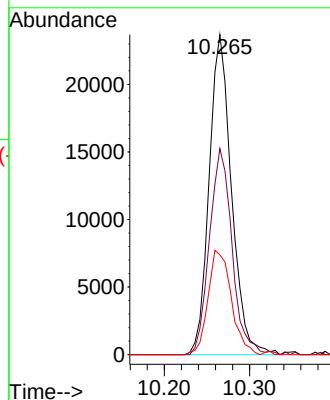
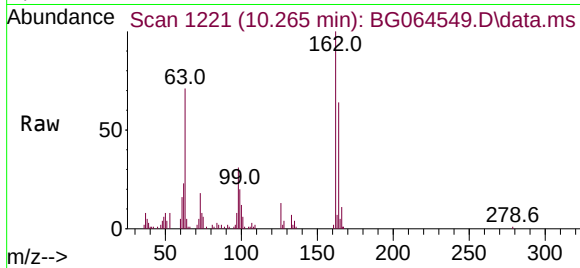
98 31.2 16.4 56.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.820 ng

RT: 10.471 min Scan# 1256

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

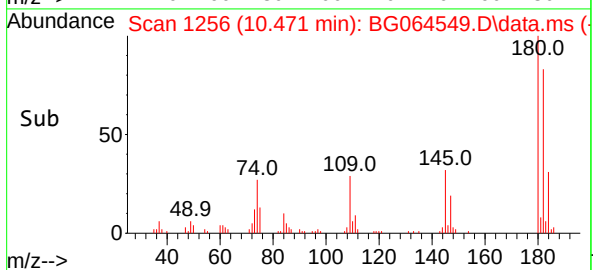
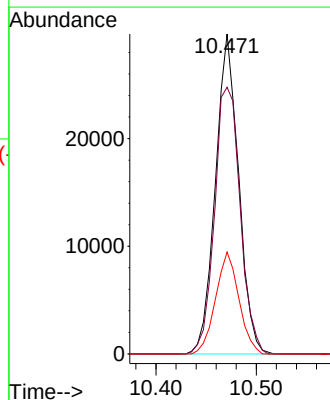
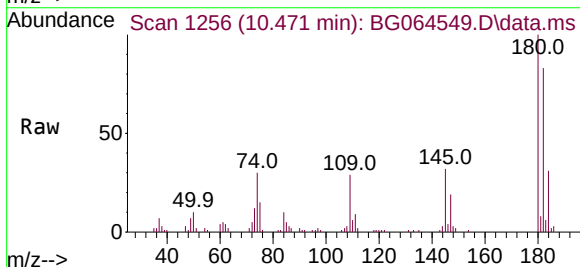
Tgt Ion:180 Resp: 47728

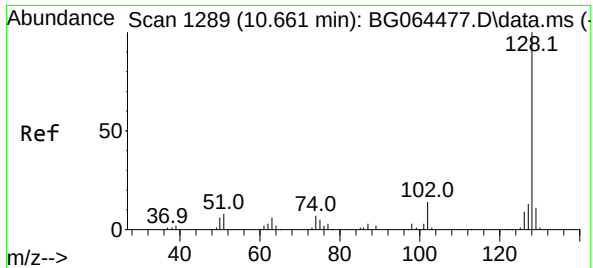
Ion Ratio Lower Upper

180 100

182 83.3 75.4 113.2

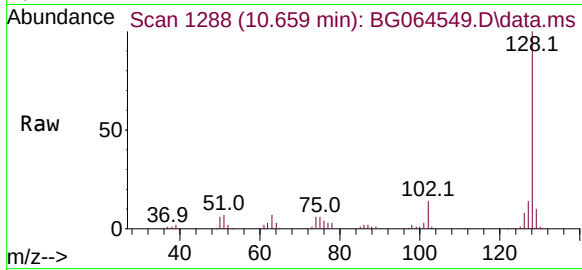
145 31.8 23.2 34.8





#31  
Naphthalene  
Concen: 44.858 ng  
RT: 10.659 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

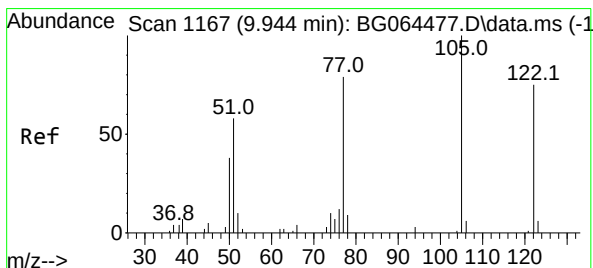
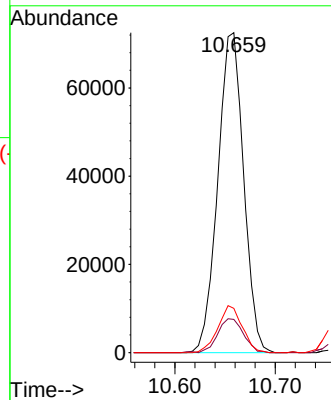
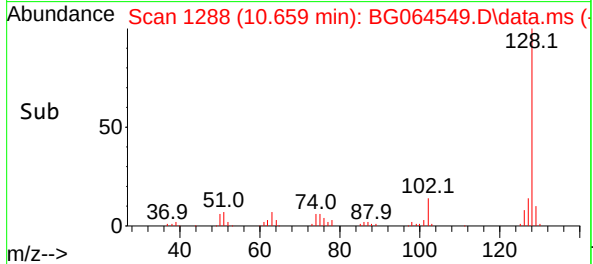
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



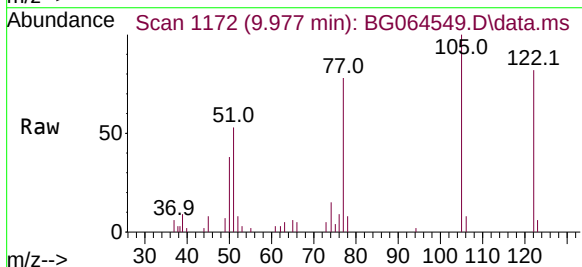
Tgt Ion:128 Resp: 12970  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.7 13.1  
127 13.8 10.2 15.2

Manual Integrations  
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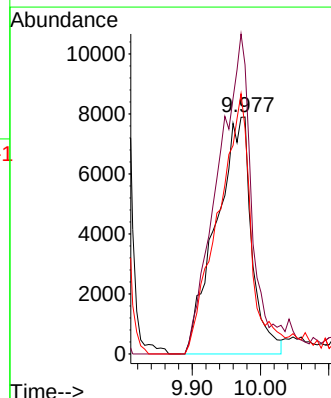
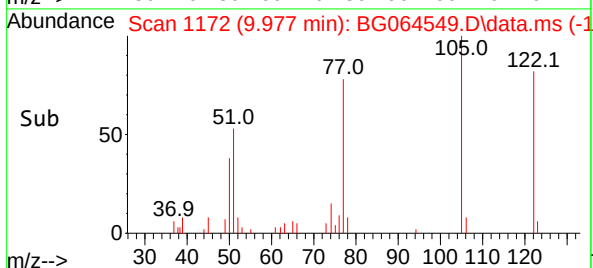
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

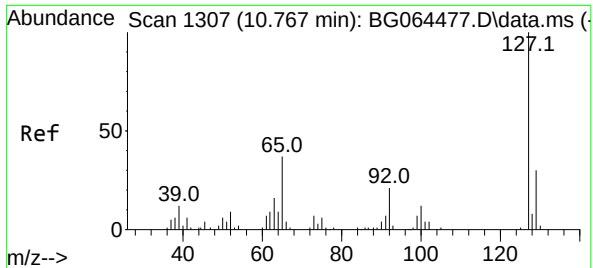


#32  
Benzoic acid  
Concen: 46.954 ng  
RT: 9.977 min Scan# 1172  
Delta R.T. 0.089 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:122 Resp: 28536  
Ion Ratio Lower Upper  
122 100  
105 122.0 113.9 153.9  
77 95.1 86.1 126.1





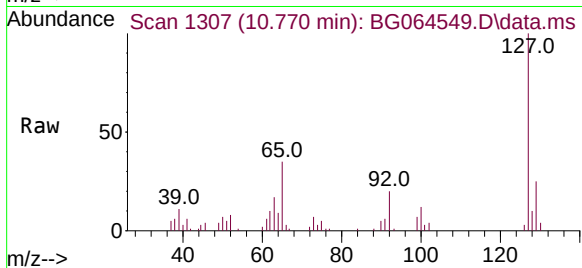
#33  
4-Chloroaniline  
Concen: 27.100 ng  
RT: 10.770 min Scan# 1307  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

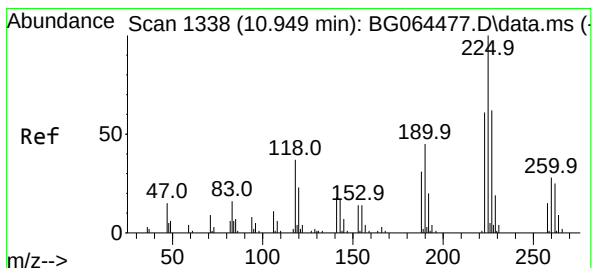
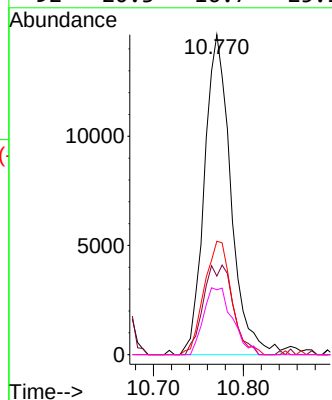
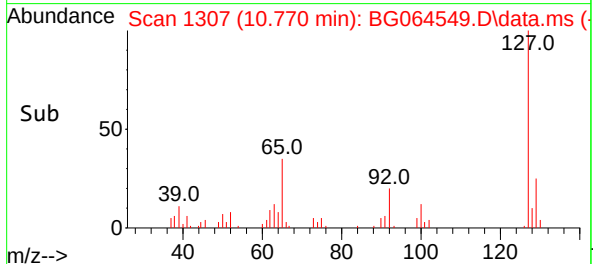


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 24.5  | 24.2  | 36.4  |
| 65      | 35.4  | 29.6  | 44.4  |
| 92      | 20.3  | 16.7  | 25.1  |

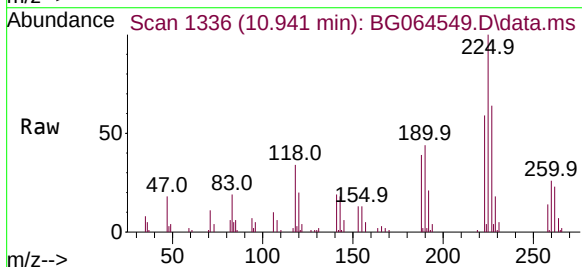
Manual Integrations

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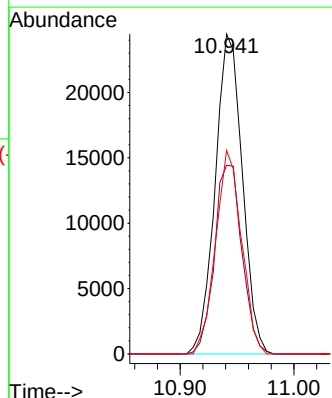
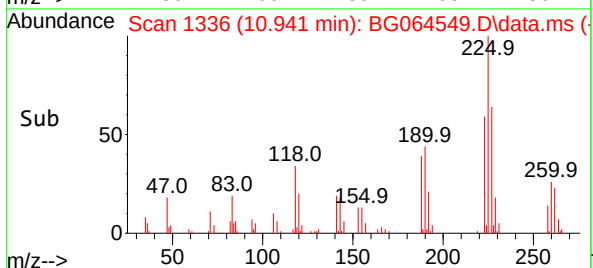
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

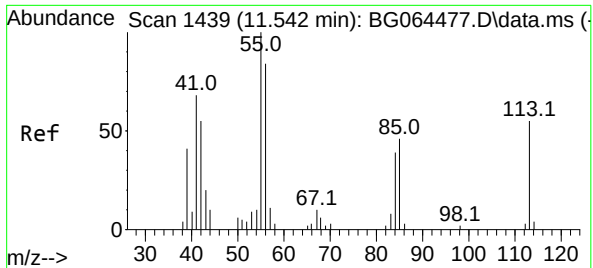


#34  
Hexachlorobutadiene  
Concen: 47.382 ng  
RT: 10.941 min Scan# 1336  
Delta R.T. -0.005 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



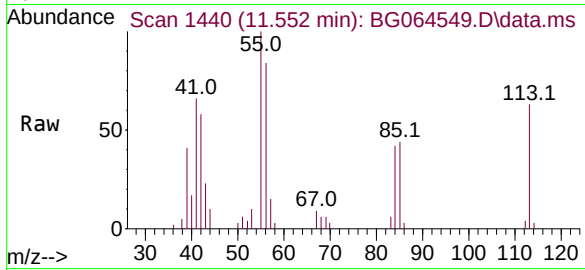
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 58.9  | 49.0  | 73.6  |
| 227     | 63.6  | 49.9  | 74.9  |





#35  
Caprolactam  
Concen: 46.530 ng  
RT: 11.552 min Scan# 1439  
Delta R.T. 0.042 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

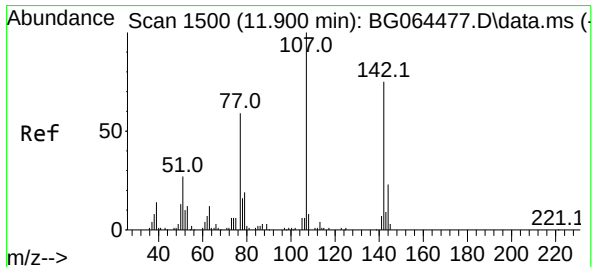
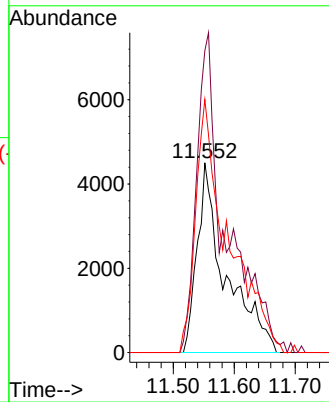
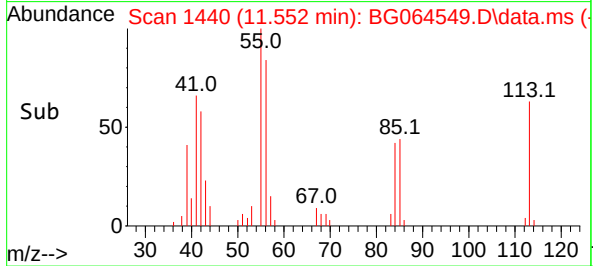
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:113 Resp: 14581  
Ion Ratio Lower Upper  
113 100  
55 159.0 162.0 202.0  
56 133.3 134.6 174.6

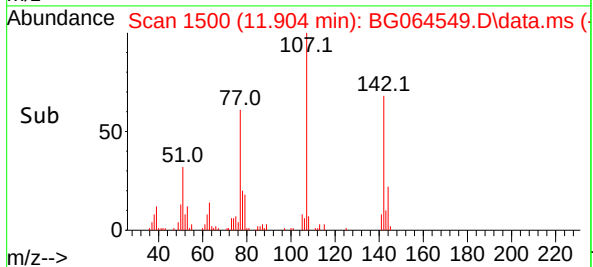
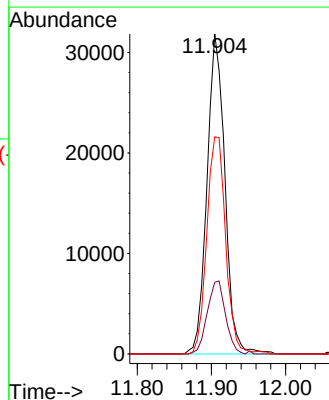
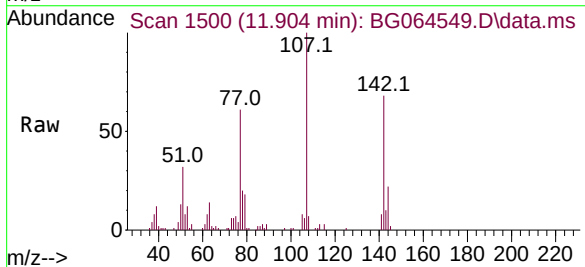
Manual Integrations  
APPROVED

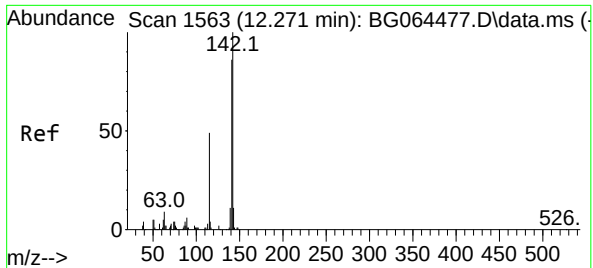
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#36  
4-Chloro-3-methylphenol  
Concen: 47.901 ng  
RT: 11.904 min Scan# 1500  
Delta R.T. 0.012 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion:107 Resp: 53322  
Ion Ratio Lower Upper  
107 100  
144 22.4 18.7 28.1  
142 67.8 60.2 90.2





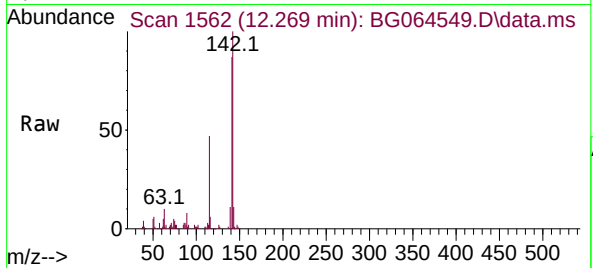
#37  
2-Methylnaphthalene  
Concen: 40.540 ng  
RT: 12.269 min Scan# 1562  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

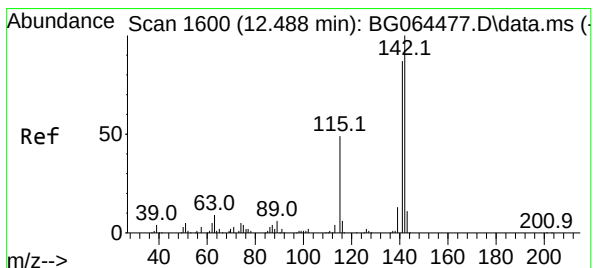
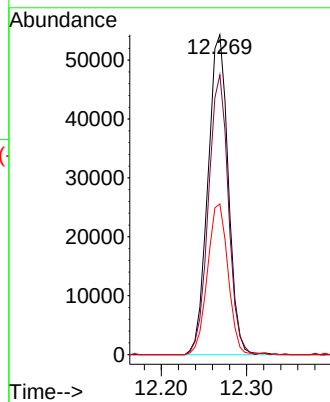
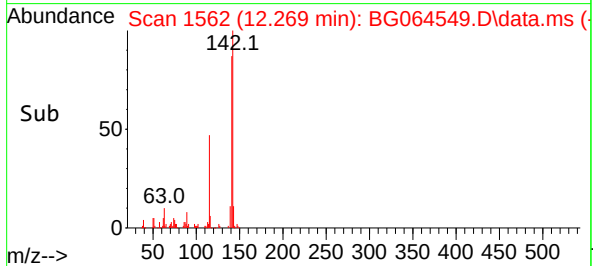


Tgt Ion:142 Resp: 89972  
Ion Ratio Lower Upper  
142 100  
141 87.4 68.7 103.1  
115 47.1 39.3 58.9

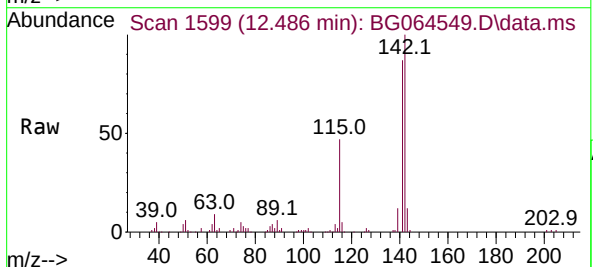
Manual Integrations

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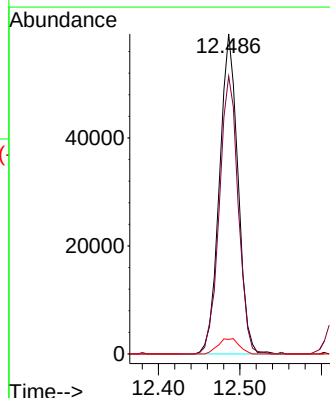
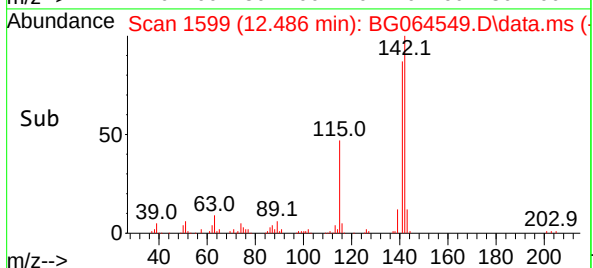
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

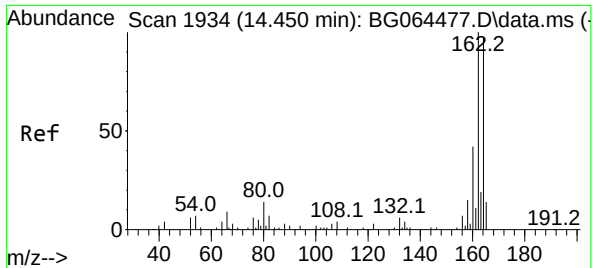


#38  
1-Methylnaphthalene  
Concen: 42.425 ng m  
RT: 12.486 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:142 Resp: 93890  
Ion Ratio Lower Upper  
142 100  
141 86.8 69.8 104.8  
116 4.5 4.6 6.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.448 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BG064549.D

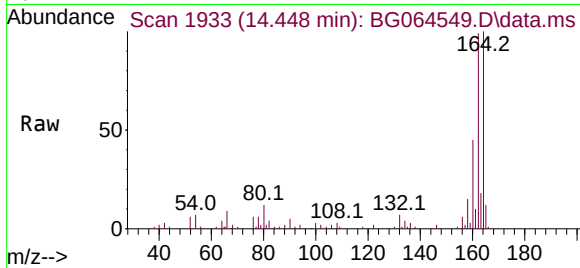
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS



Tgt Ion:164 Resp: 44549

Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.2

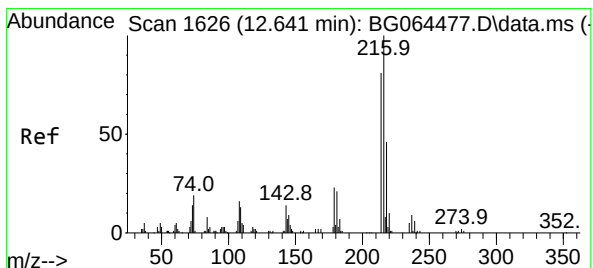
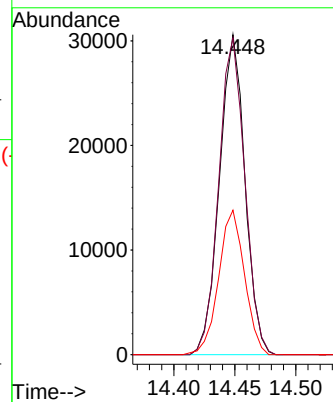
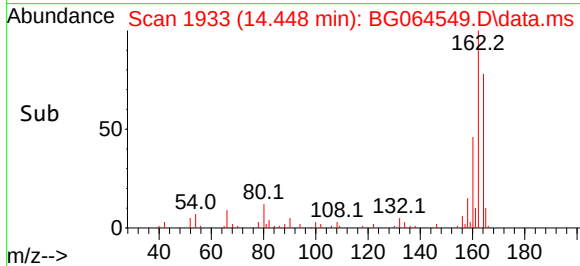
160 45.1 34.3 51.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.352 ng

RT: 12.639 min Scan# 1625

Delta R.T. 0.000 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Tgt Ion:216 Resp: 69550

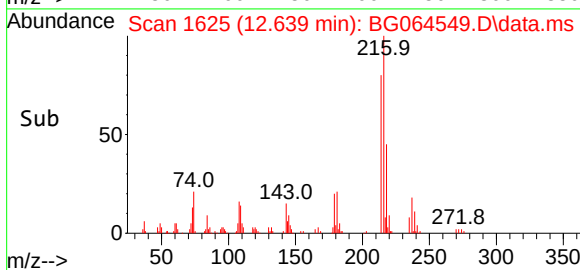
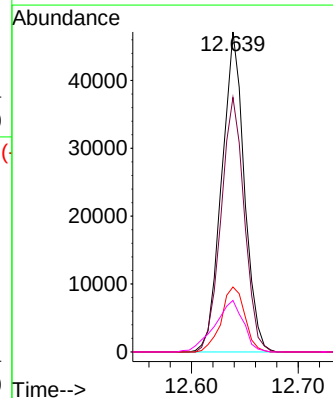
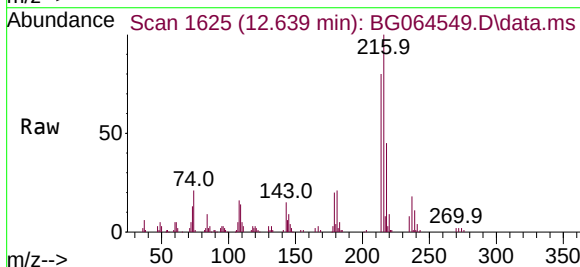
Ion Ratio Lower Upper

216 100

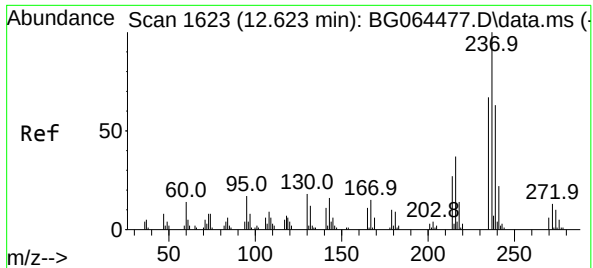
214 81.7 62.5 93.7

179 21.1 17.0 25.6

108 20.4 13.7 20.5

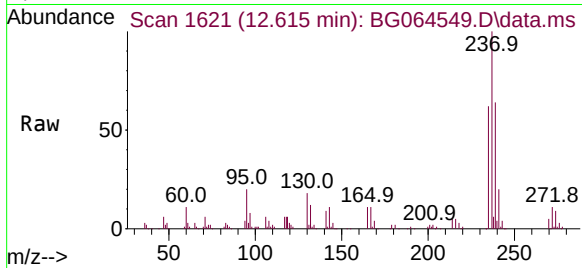






#41  
Hexachlorocyclopentadiene  
Concen: 127.082 ng  
RT: 12.615 min Scan# 1621  
Delta R.T. -0.005 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

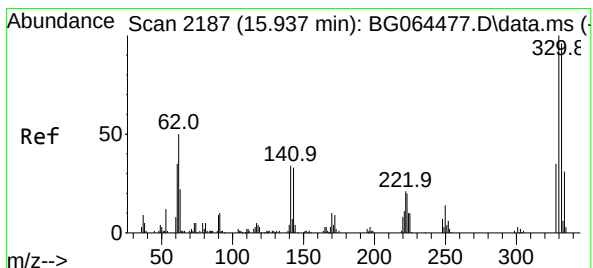
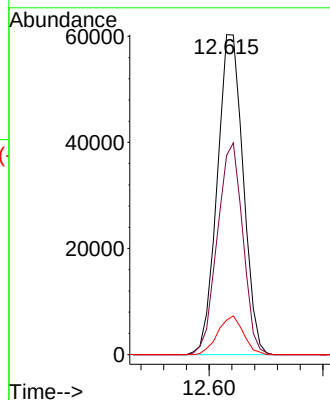
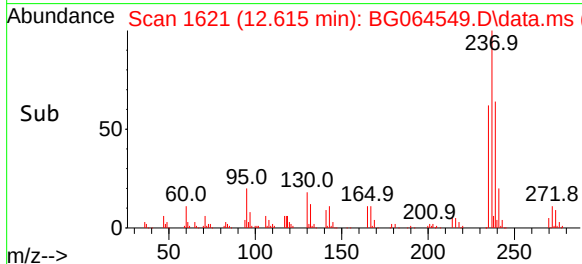
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



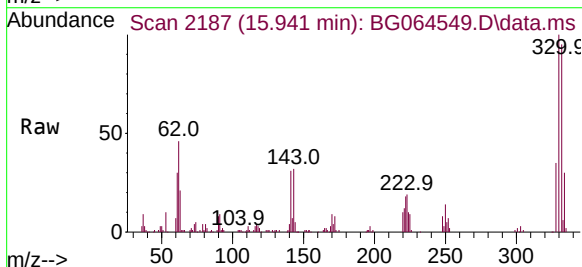
Tgt Ion:237 Resp: 95619  
Ion Ratio Lower Upper  
237 100  
235 62.2 46.9 86.9  
272 10.8 0.0 32.6

Manual Integrations  
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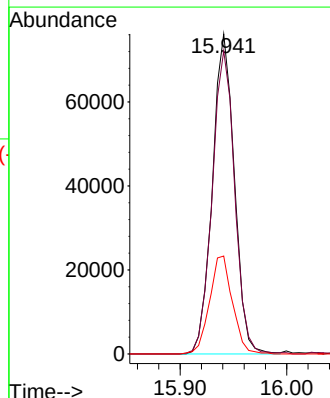
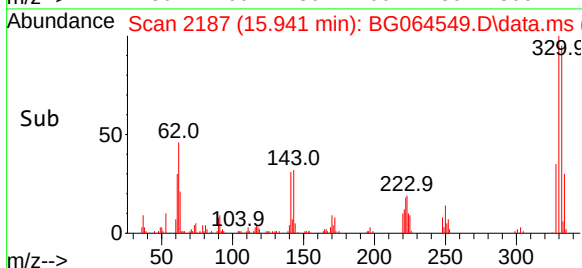
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

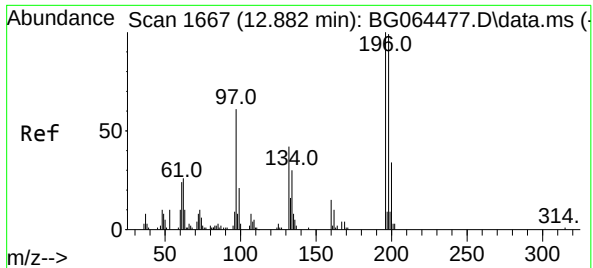


#42  
2,4,6-Tribromophenol  
Concen: 135.262 ng  
RT: 15.941 min Scan# 2187  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:330 Resp: 109226  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.4 116.0  
141 31.8 25.8 38.6





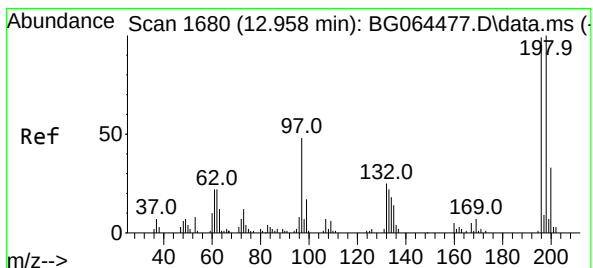
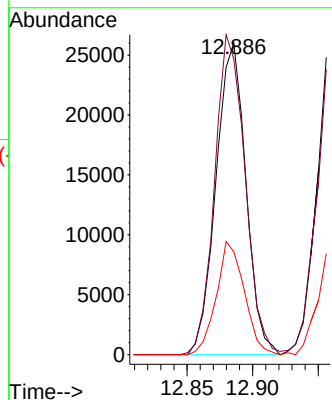
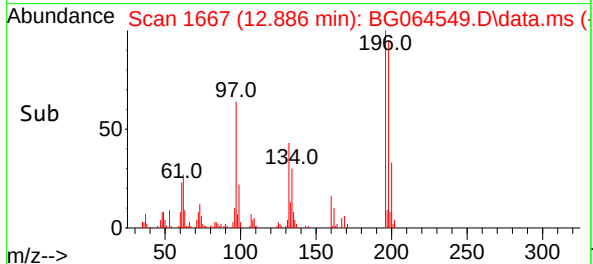
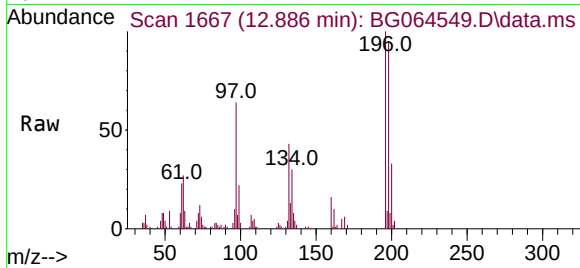
#43  
2,4,6-Trichlorophenol  
Concen: 44.862 ng  
RT: 12.886 min Scan# 1667  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS

Tgt Ion:196 Resp: 4125  
Ion Ratio Lower Upper  
196 100  
198 94.8 79.3 118.9  
200 33.0 27.4 41.2

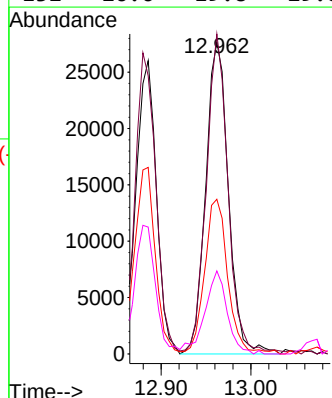
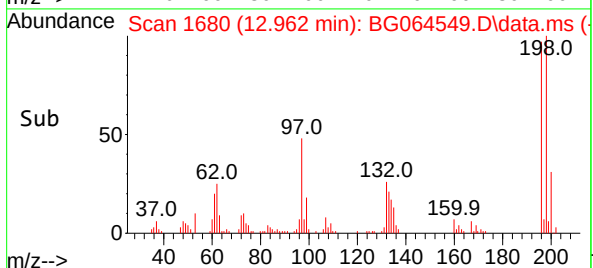
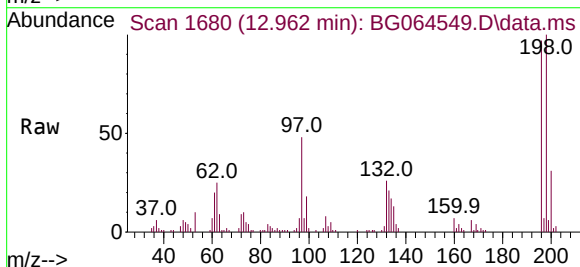
Manual Integrations  
APPROVED

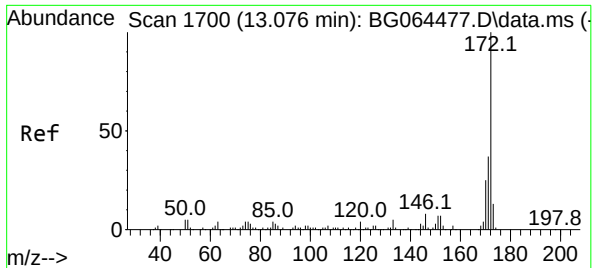
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#44  
2,4,5-Trichlorophenol  
Concen: 47.405 ng  
RT: 12.962 min Scan# 1680  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

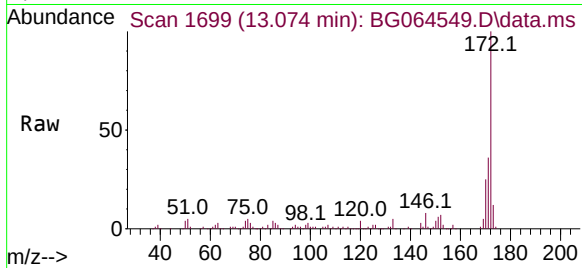
Tgt Ion:196 Resp: 48664  
Ion Ratio Lower Upper  
196 100  
198 102.7 80.3 120.5  
97 49.6 39.4 59.0  
132 26.6 19.8 29.8





#45  
2-Fluorobiphenyl  
Concen: 82.763 ng  
RT: 13.074 min Scan# 1699  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

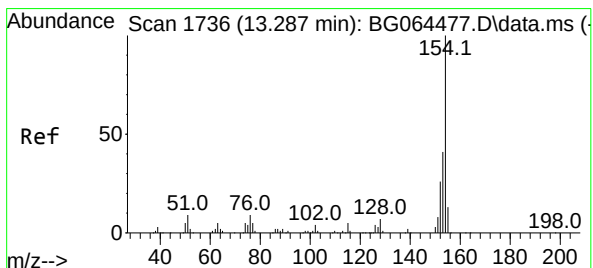
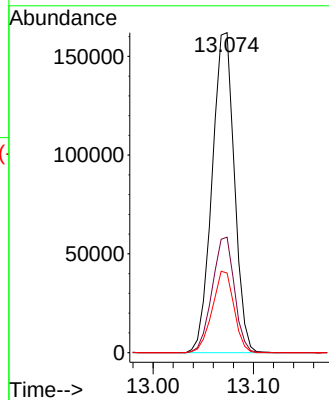
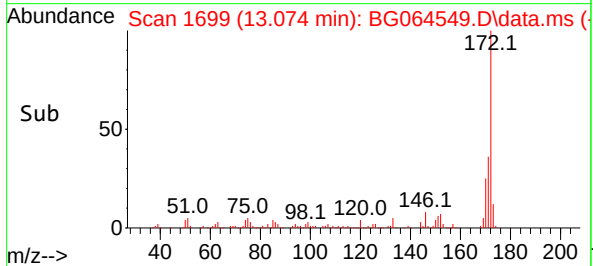
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:172 Resp: 250135  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 24.9 20.2 30.2

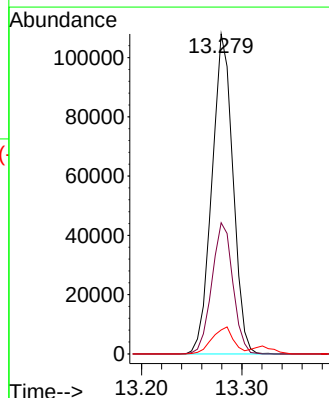
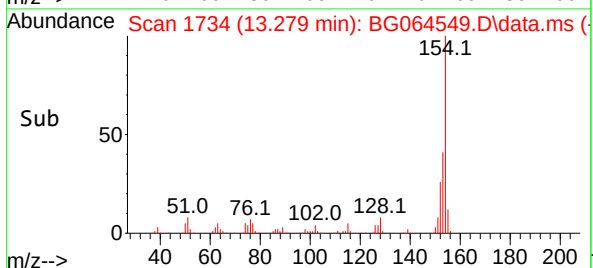
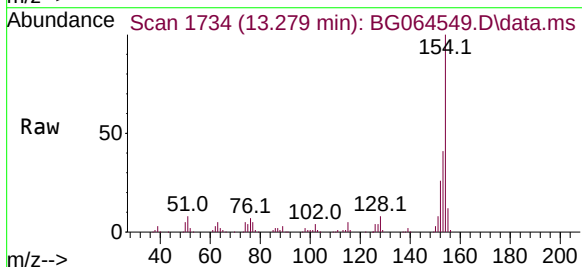
Manual Integrations  
APPROVED

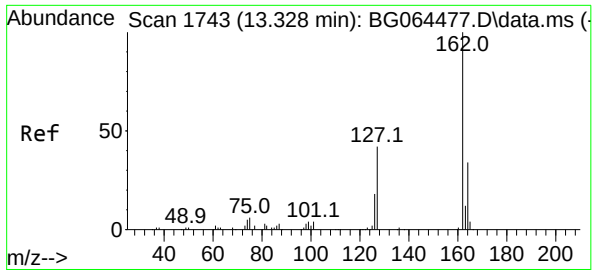
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#46  
1,1'-Biphenyl  
Concen: 49.141 ng  
RT: 13.279 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

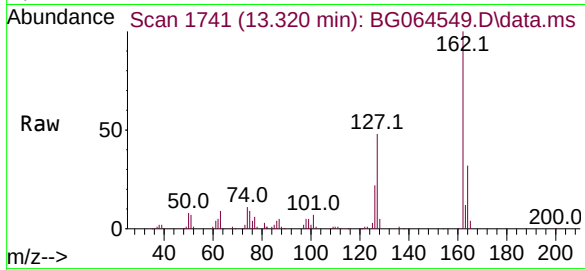
Tgt Ion:154 Resp: 157453  
Ion Ratio Lower Upper  
154 100  
153 41.0 20.7 60.7  
76 7.5 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 43.284 ng  
RT: 13.320 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

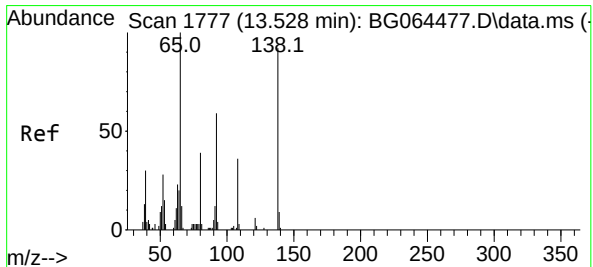
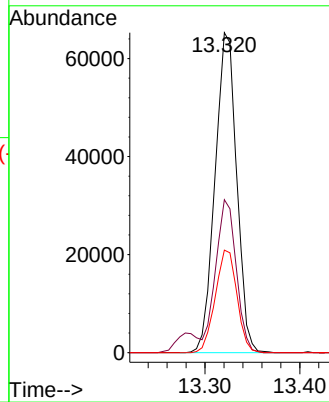
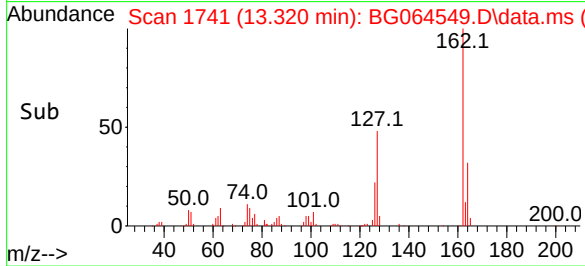
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:162 Resp: 103546  
Ion Ratio Lower Upper  
162 100  
127 47.8 35.8 53.8  
164 32.1 27.2 40.8

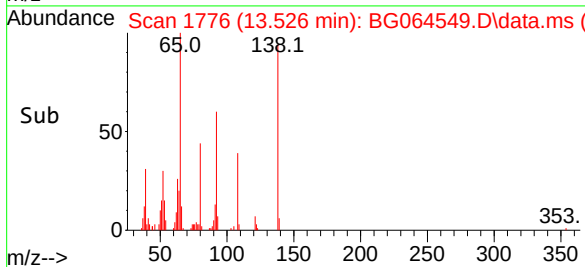
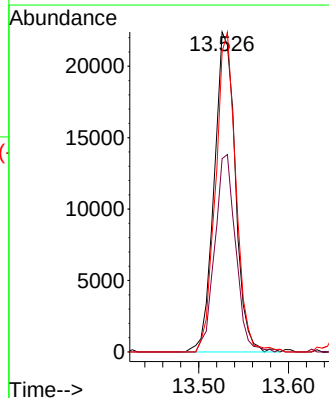
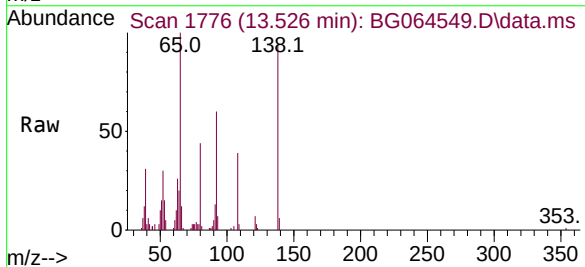
Manual Integrations  
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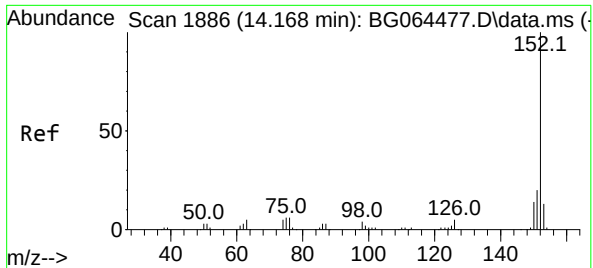
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#48  
2-Nitroaniline  
Concen: 44.910 ng  
RT: 13.526 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion: 65 Resp: 36668  
Ion Ratio Lower Upper  
65 100  
92 60.4 47.0 70.6  
138 93.7 73.5 110.3





#49

Acenaphthylene

Concen: 51.304 ng

RT: 14.172 min Scan# 1886

Delta R.T. 0.000 min

Lab File: BG064549.D

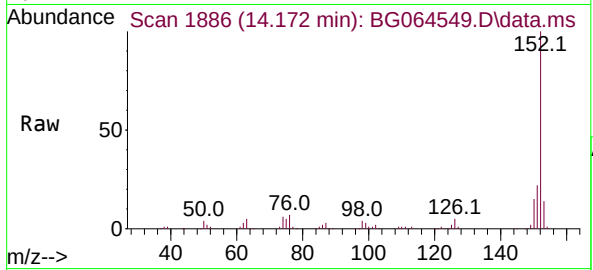
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS



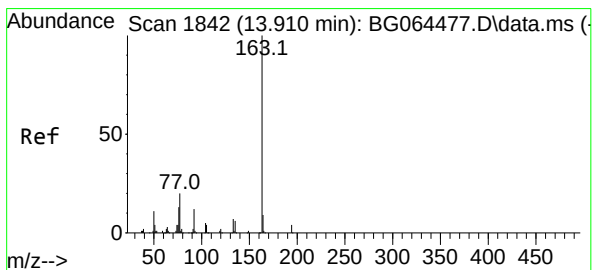
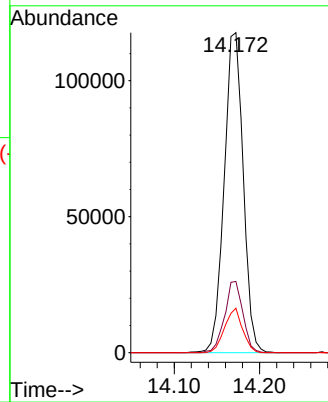
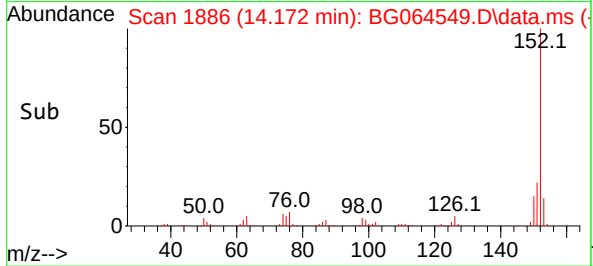
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 182191 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 22.2  | 15.8  | 23.6   |
| 153       | 13.9  | 10.6  | 15.8   |

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/21/2025



#50

Dimethylphthalate

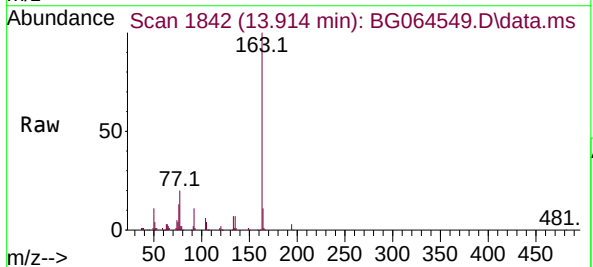
Concen: 45.098 ng

RT: 13.914 min Scan# 1842

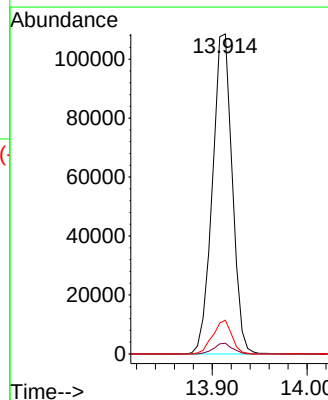
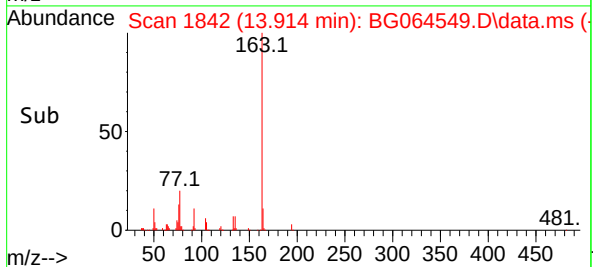
Delta R.T. 0.012 min

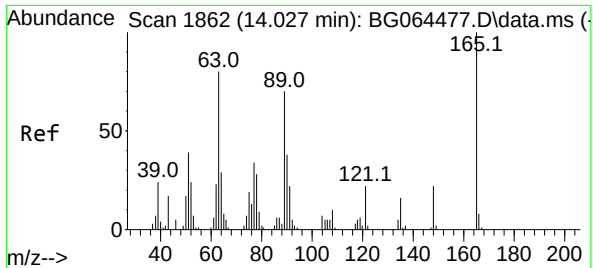
Lab File: BG064549.D

Acq: 20 Oct 2025 14:25



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 157351 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 2.9   | 4.3    |
| 164       | 10.5  | 7.4   | 11.0   |





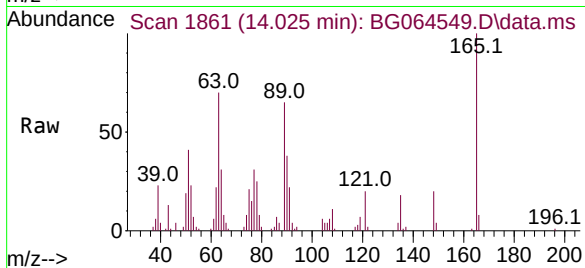
#51  
2,6-Dinitrotoluene  
Concen: 48.230 ng  
RT: 14.025 min Scan# 1862  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

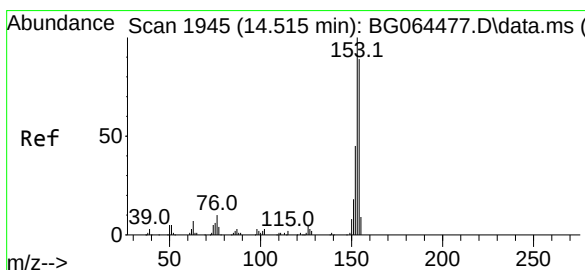
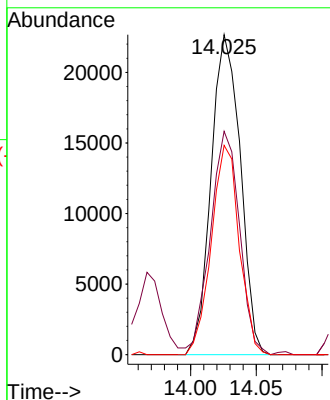
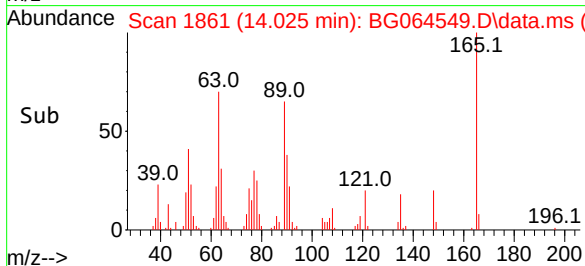


Tgt Ion:165 Resp: 35058  
Ion Ratio Lower Upper  
165 100  
63 69.8 63.9 95.9  
89 65.4 56.1 84.1

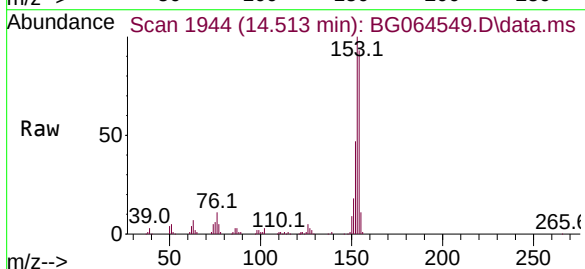
Manual Integrations

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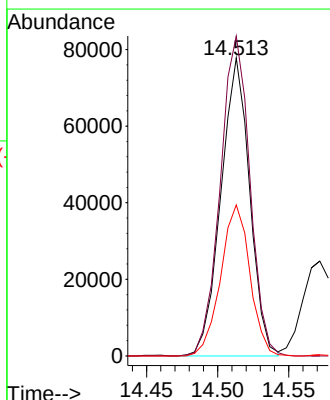
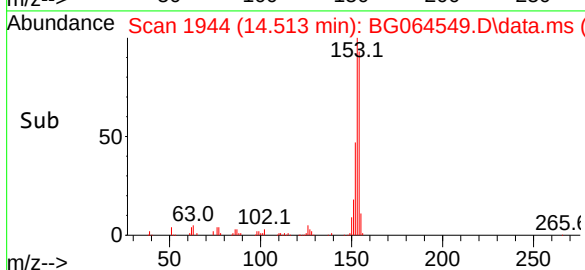
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

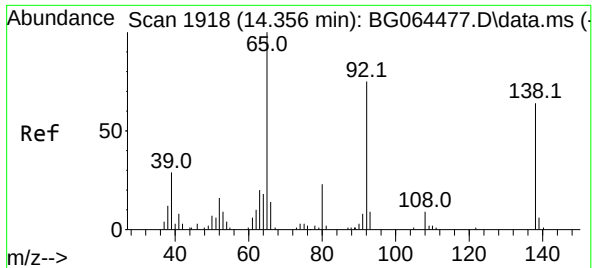


#52  
Acenaphthene  
Concen: 44.318 ng  
RT: 14.513 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:154 Resp: 109342  
Ion Ratio Lower Upper  
154 100  
153 107.4 90.2 135.4  
152 50.7 40.2 60.4





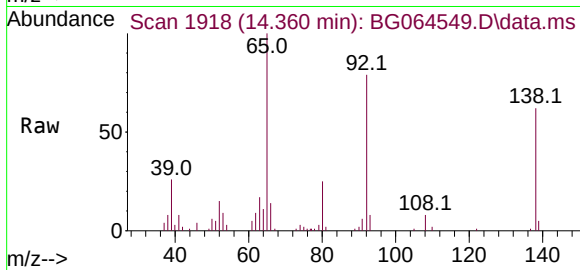
#53  
3-Nitroaniline  
Concen: 32.549 ng  
RT: 14.360 min Scan# 1918  
Delta R.T. 0.012 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

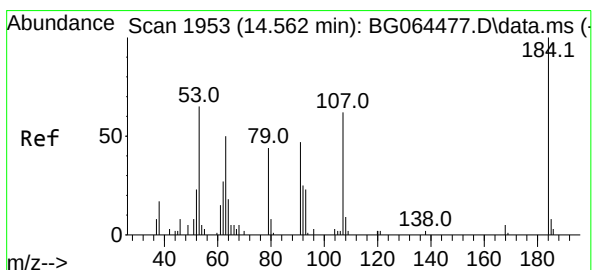
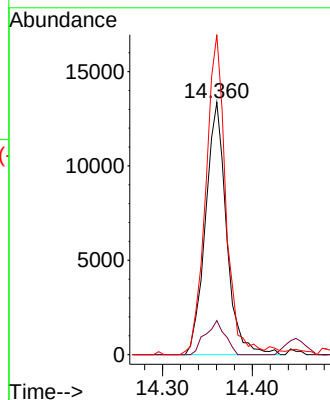
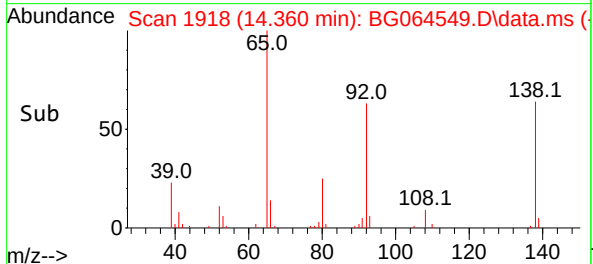


Tgt Ion:138 Resp: 21818  
Ion Ratio Lower Upper  
138 100  
108 13.5 10.6 15.8  
92 126.9 93.2 139.8

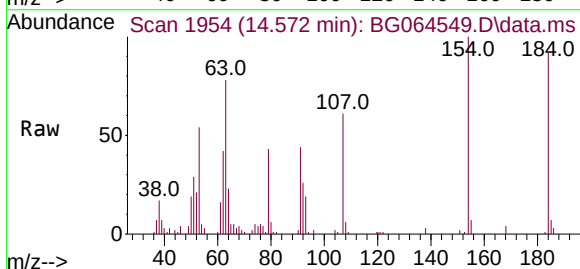
Manual Integrations

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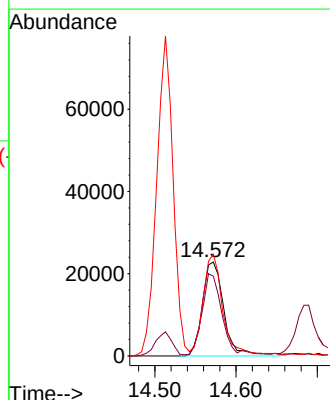
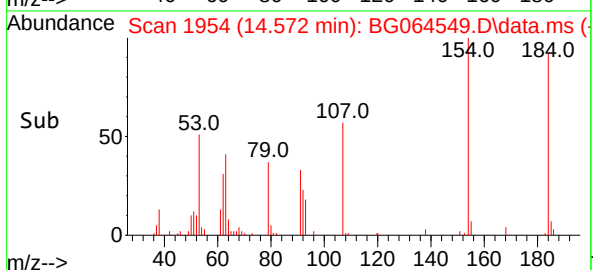
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

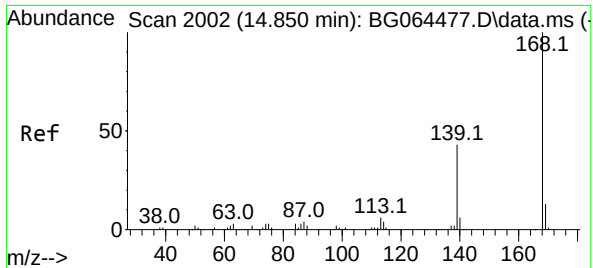


#54  
2,4-Dinitrophenol  
Concen: 79.453 ng  
RT: 14.572 min Scan# 1954  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



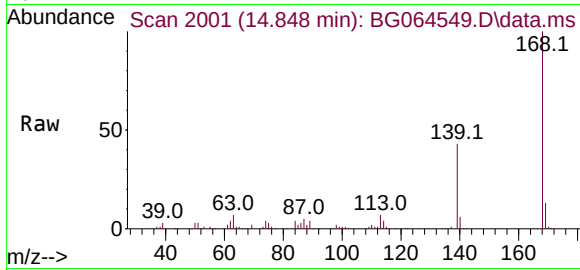
Tgt Ion:184 Resp: 41874  
Ion Ratio Lower Upper  
184 100  
63 85.0 69.0 103.4  
154 108.4 95.6 143.4





#55  
Dibenzenofuran  
Concen: 44.988 ng  
RT: 14.848 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

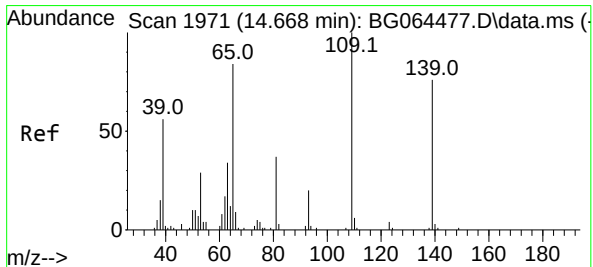
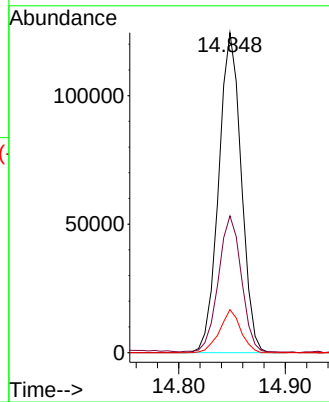
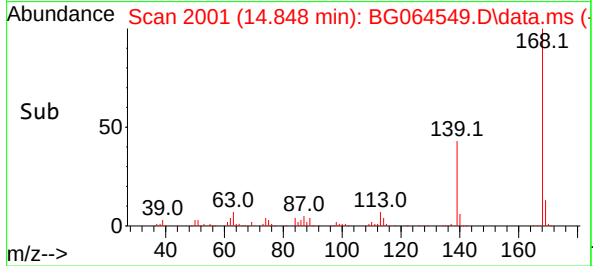
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:168 Resp: 183269  
Ion Ratio Lower Upper  
168 100  
139 42.7 34.0 51.0  
169 13.4 10.2 15.2

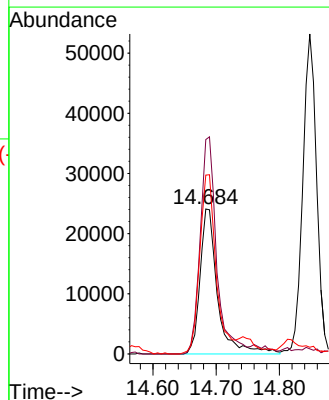
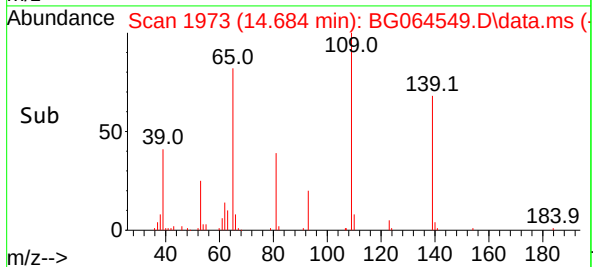
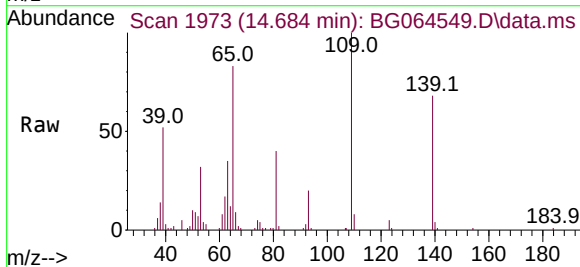
Manual Integrations  
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Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

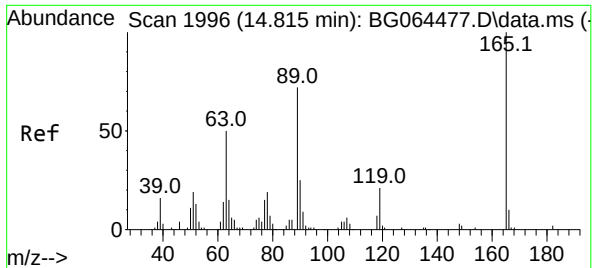


#56  
4-Nitrophenol  
Concen: 87.916 ng  
RT: 14.684 min Scan# 1973  
Delta R.T. 0.018 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion:139 Resp: 46397  
Ion Ratio Lower Upper  
139 100  
109 147.8 111.8 151.8  
65 123.4 91.1 131.1







#57  
2,4-Dinitrotoluene  
Concen: 47.114 ng  
RT: 14.819 min Scan# 1996  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

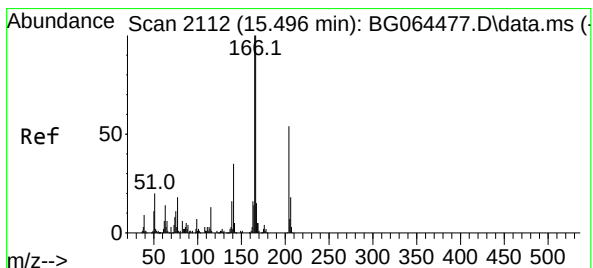
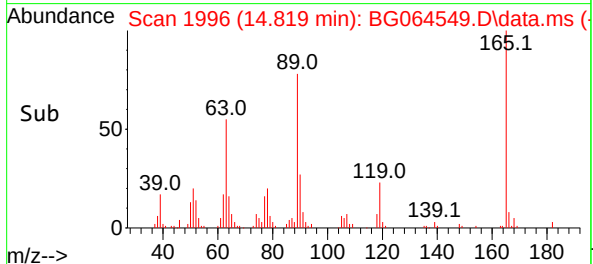
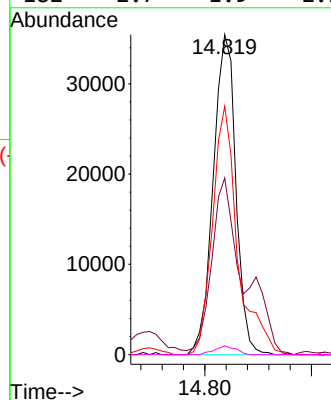
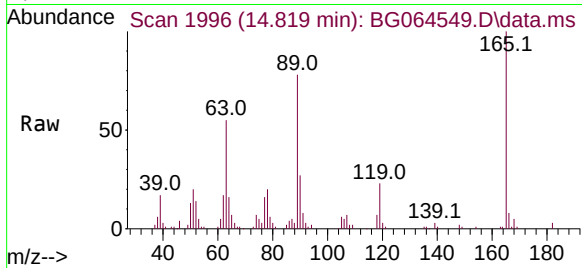
PB170165BS

Tgt Ion:165 Resp: 52347  
Ion Ratio Lower Upper  
165 100  
63 55.2 40.4 60.6  
89 77.6 57.3 85.9  
182 2.7 1.9 2.9

Manual Integrations

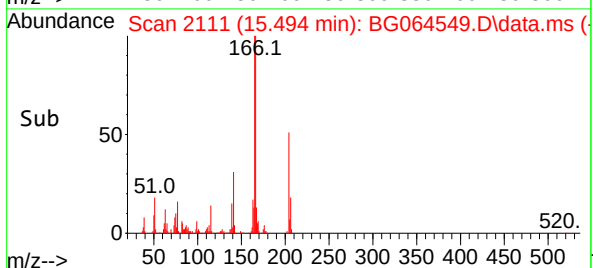
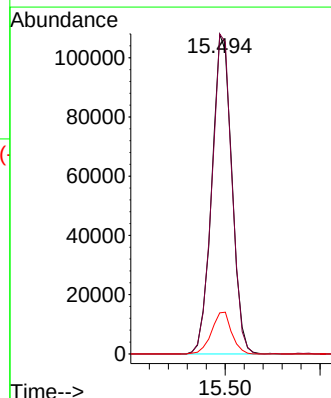
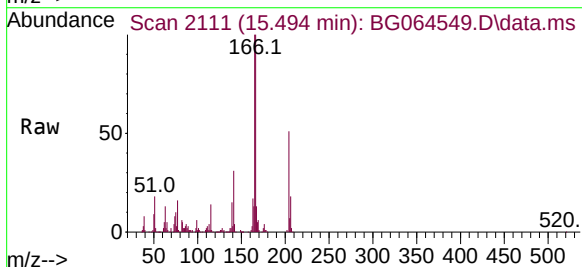
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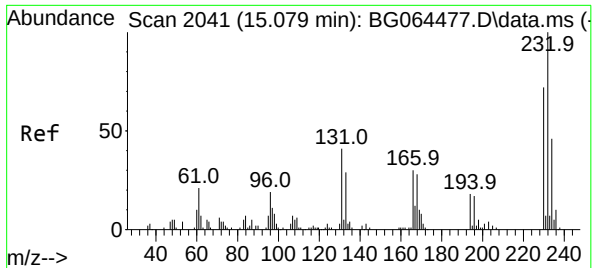
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#58  
Fluorene  
Concen: 46.615 ng  
RT: 15.494 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion:166 Resp: 157870  
Ion Ratio Lower Upper  
166 100  
165 100.2 79.8 119.6  
167 12.9 11.7 17.5





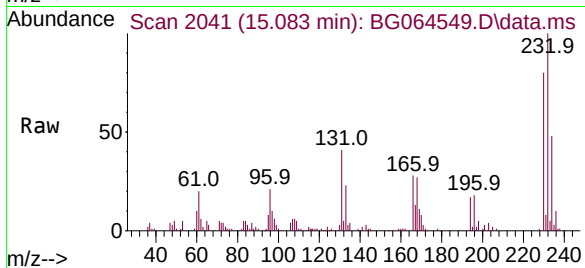
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.653 ng  
RT: 15.083 min Scan# 2041  
Delta R.T. 0.012 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

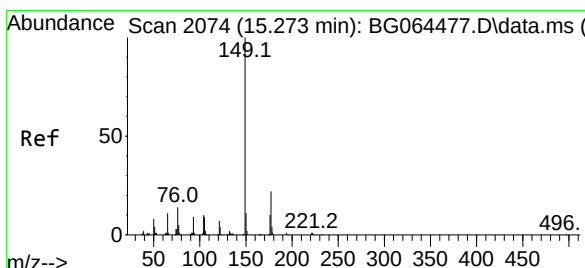
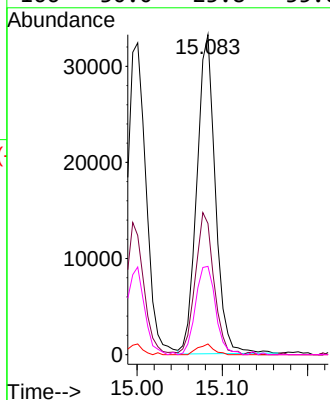
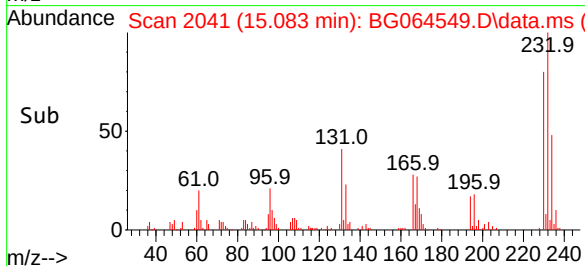


Tgt Ion:232 Resp: 49925  
Ion Ratio Lower Upper  
232 100  
131 45.0 35.0 52.4  
130 2.9 2.0 3.0  
166 30.0 23.8 35.6

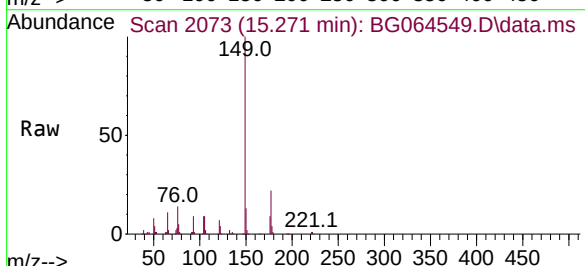
Manual Integrations

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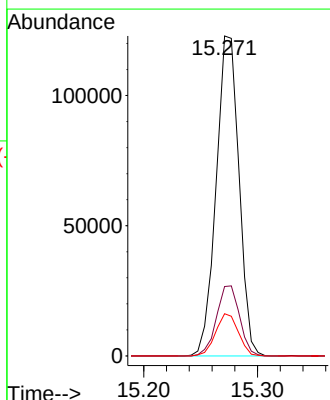
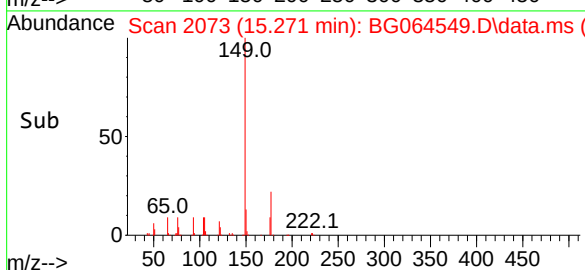
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

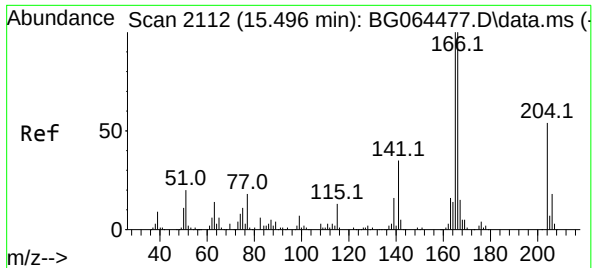


#60  
Diethylphthalate  
Concen: 45.787 ng  
RT: 15.271 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



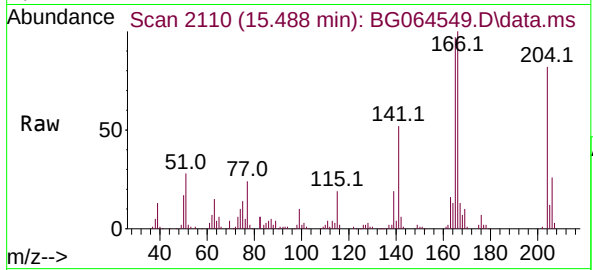
Tgt Ion:149 Resp: 171377  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.4 26.0  
150 13.2 9.1 13.7





#61  
4-Chlorophenyl-phenylether  
Concen: 45.419 ng  
RT: 15.488 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

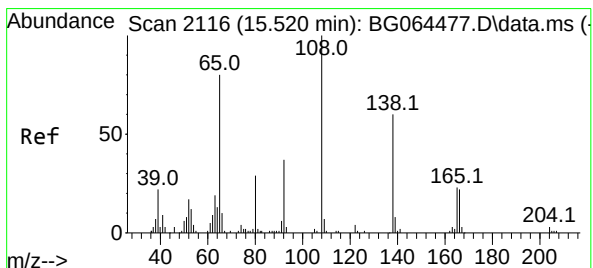
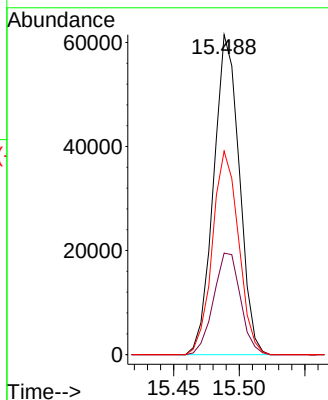
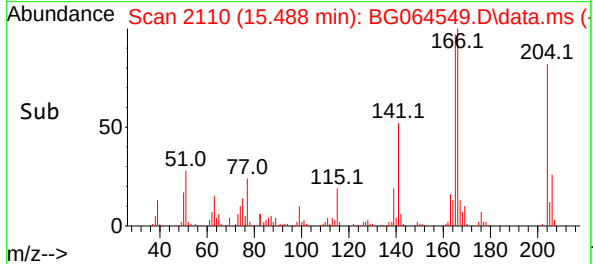
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:204 Resp: 8397  
Ion Ratio Lower Upper  
204 100  
206 31.7 27.1 40.7  
141 63.6 51.5 77.3

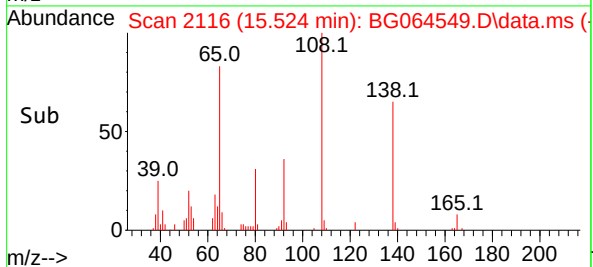
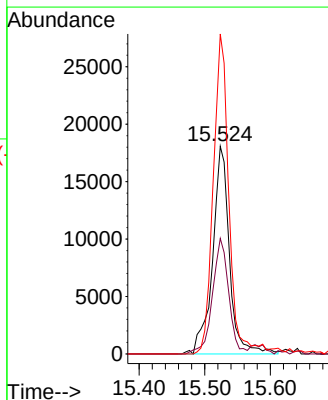
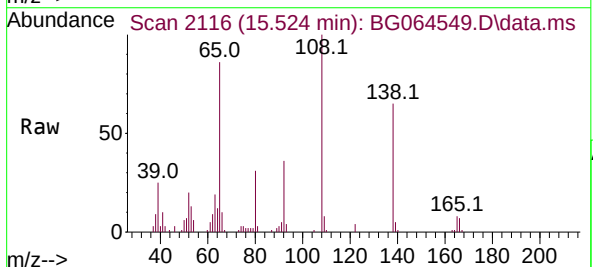
Manual Integrations  
APPROVED

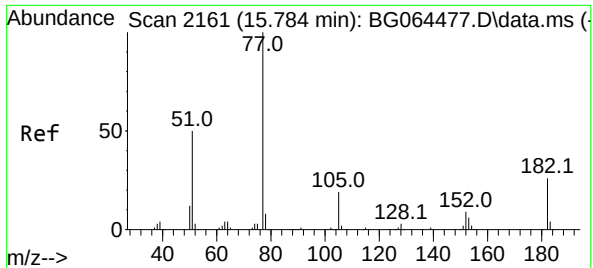
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#62  
4-Nitroaniline  
Concen: 46.343 ng  
RT: 15.524 min Scan# 2116  
Delta R.T. 0.012 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

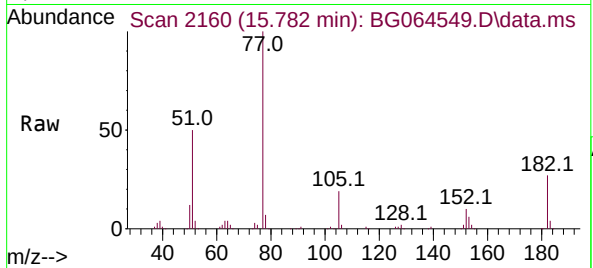
Tgt Ion:138 Resp: 32377  
Ion Ratio Lower Upper  
138 100  
92 55.6 42.3 82.3  
108 154.1 147.7 187.7





#63  
Azobenzene  
Concen: 46.087 ng  
RT: 15.782 min Scan# 2161  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

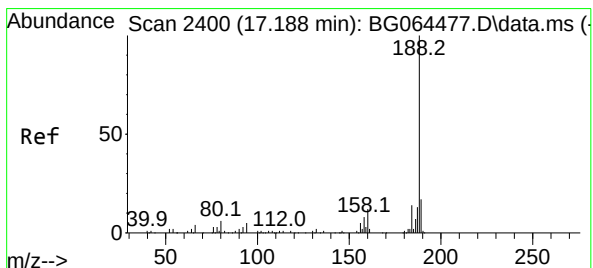
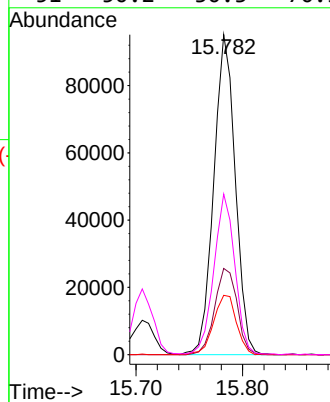
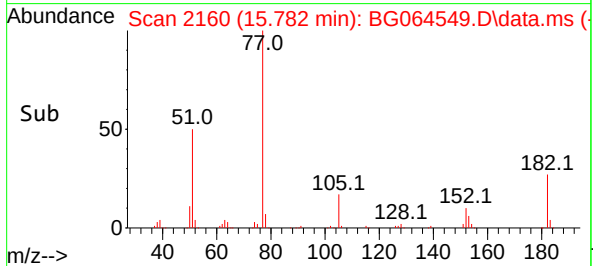
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion: 77 Resp: 133595  
Ion Ratio Lower Upper  
77 100  
182 26.9 6.3 46.3  
105 18.5 0.0 38.7  
51 50.2 30.3 70.3

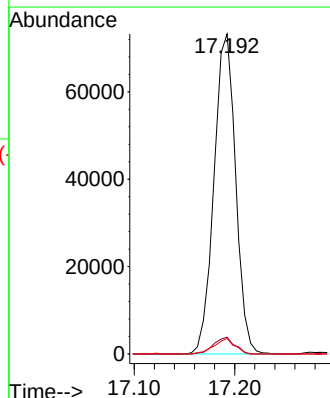
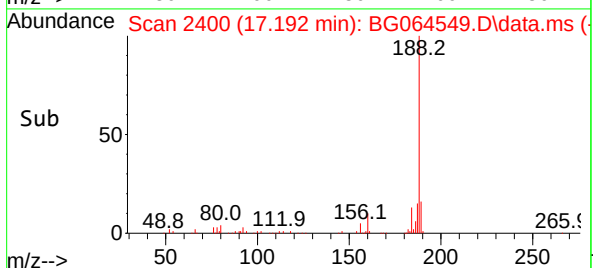
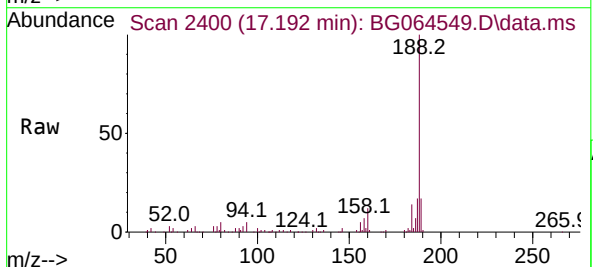
Manual Integrations  
APPROVED

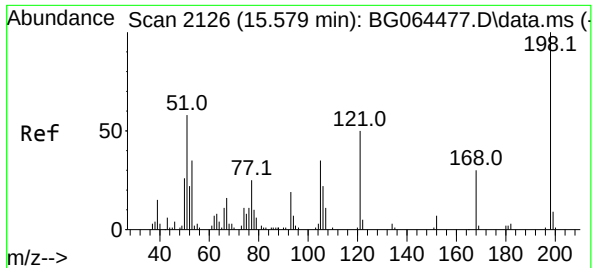
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.192 min Scan# 2400  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

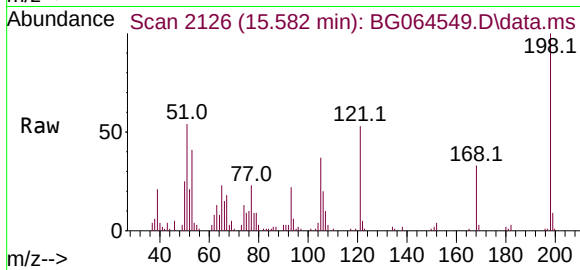
Tgt Ion:188 Resp: 109767  
Ion Ratio Lower Upper  
188 100  
94 5.2 3.7 5.5  
80 4.9 4.5 6.7





#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.902 ng  
RT: 15.582 min Scan# 2126  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

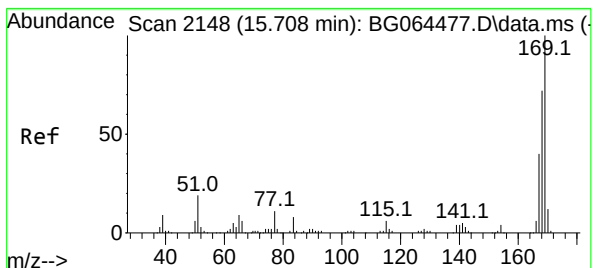
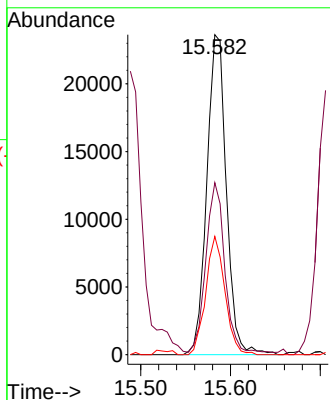
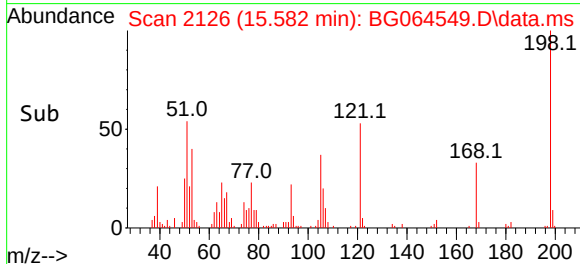
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



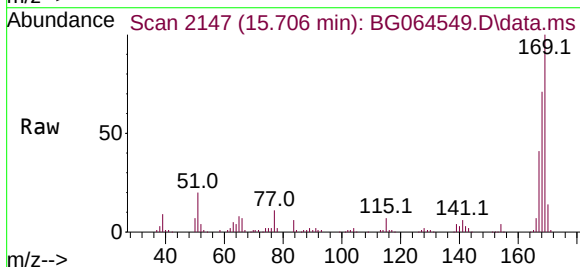
Tgt Ion:198 Resp: 35846  
Ion Ratio Lower Upper  
198 100  
51 53.7 39.0 79.0  
105 36.9 15.8 55.8

Manual Integrations  
APPROVED

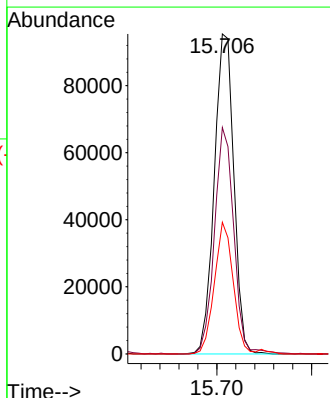
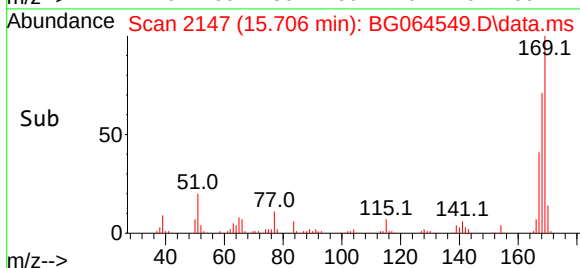
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

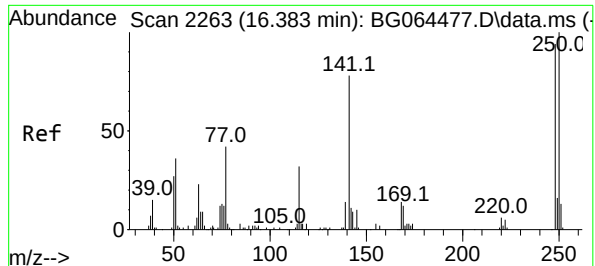


#66  
n-Nitrosodiphenylamine  
Concen: 46.670 ng  
RT: 15.706 min Scan# 2147  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:169 Resp: 136800  
Ion Ratio Lower Upper  
169 100  
168 70.7 57.8 86.6  
167 41.1 31.7 47.5





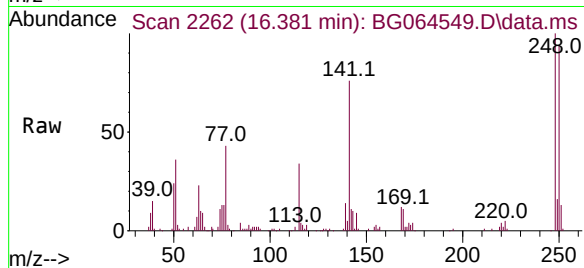
#67  
4-Bromophenyl-phenylether  
Concen: 46.292 ng  
RT: 16.381 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

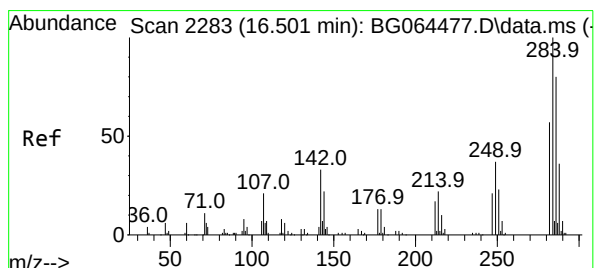
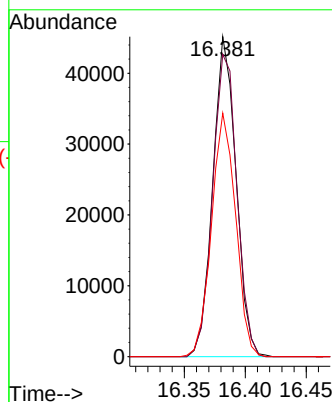
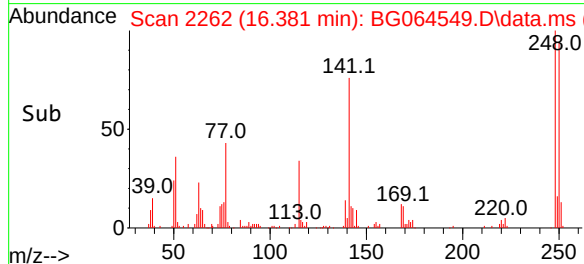


Tgt Ion:248 Resp: 59795  
Ion Ratio Lower Upper  
248 100  
250 94.4 85.3 127.9  
141 76.1 66.2 99.2

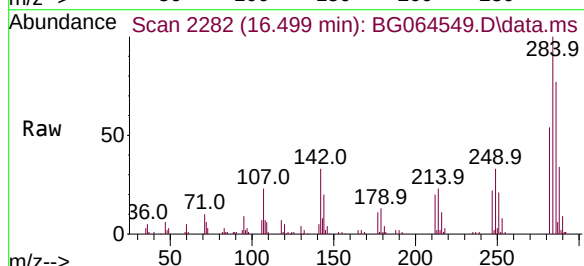
Manual Integrations

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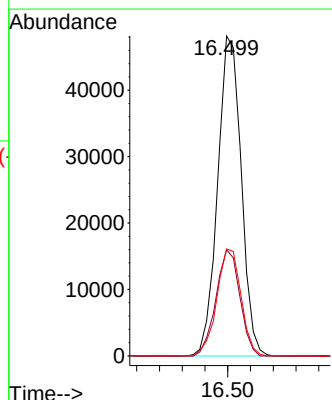
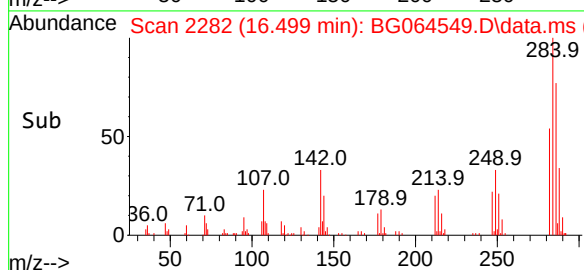
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

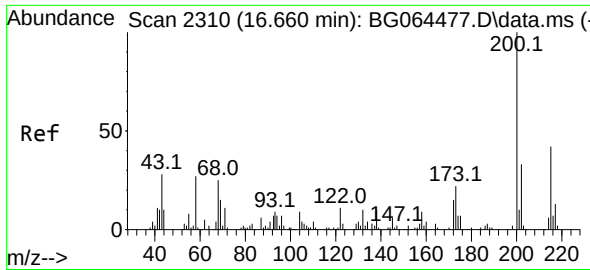


#68  
Hexachlorobenzene  
Concen: 46.874 ng  
RT: 16.499 min Scan# 2282  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:284 Resp: 69283  
Ion Ratio Lower Upper  
284 100  
142 33.2 26.2 39.2  
249 33.4 29.4 44.0





#69

Atrazine

Concen: 48.044 ng

RT: 16.658 min Scan# 2309

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

Tgt Ion:200 Resp: 6265

Ion Ratio Lower Upper

200 100

173 21.5 2.5 42.5

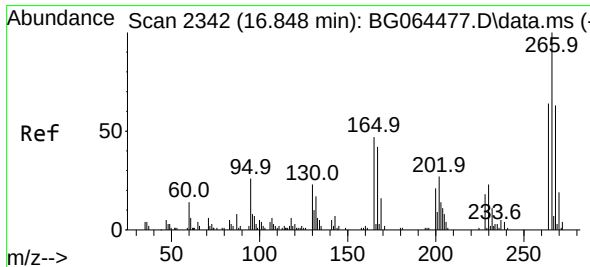
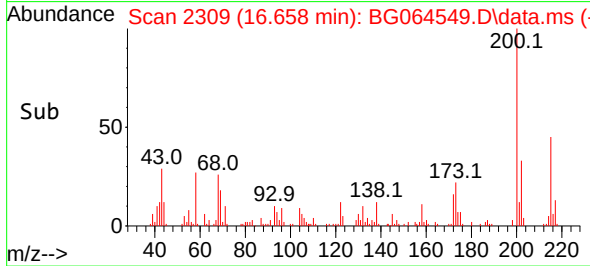
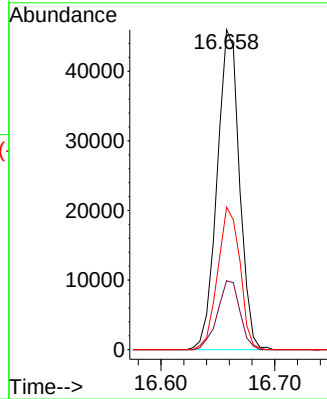
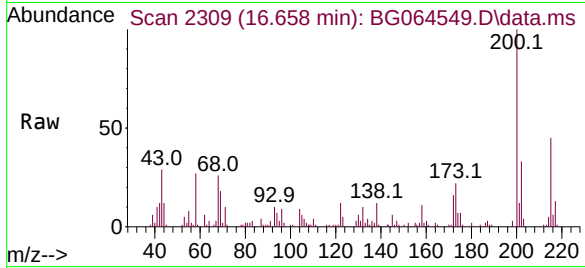
215 44.5 21.5 61.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#70

Pentachlorophenol

Concen: 96.317 ng

RT: 16.852 min Scan# 2342

Delta R.T. 0.006 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

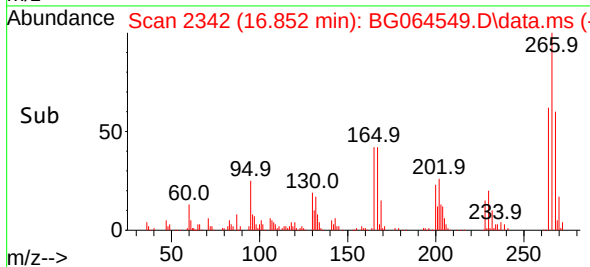
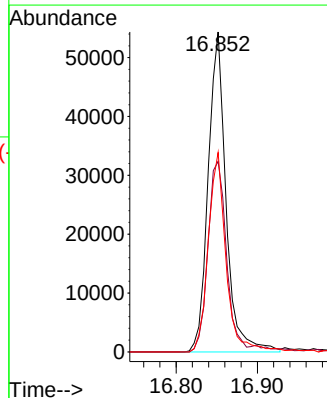
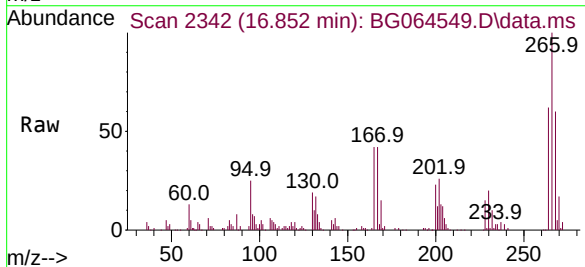
Tgt Ion:266 Resp: 83239

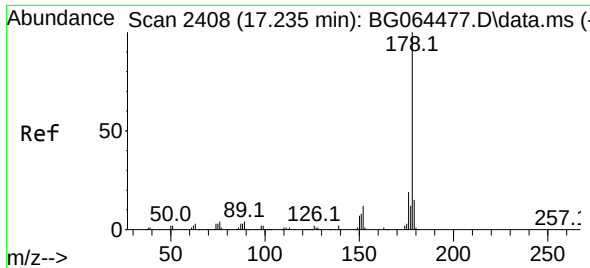
Ion Ratio Lower Upper

266 100

268 59.5 50.6 75.8

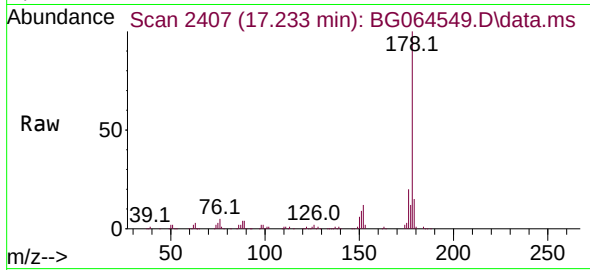
264 62.3 51.2 76.8





#71  
Phenanthrene  
Concen: 45.635 ng  
RT: 17.233 min Scan# 2407  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

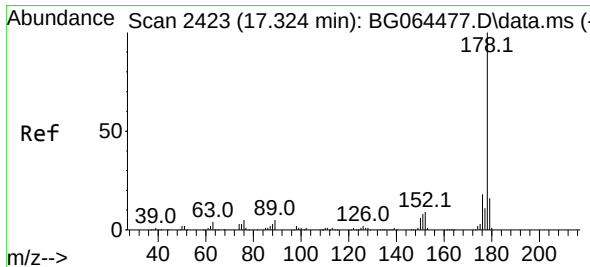
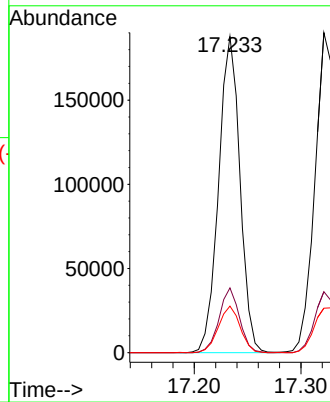
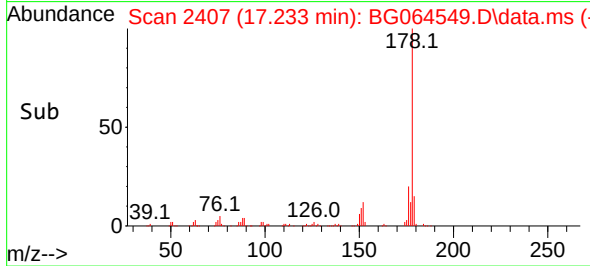
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



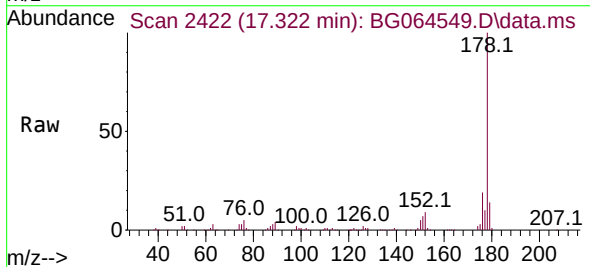
Tgt Ion:178 Resp: 261958  
Ion Ratio Lower Upper  
178 100  
176 20.5 15.2 22.8  
179 14.7 11.8 17.6

Manual Integrations  
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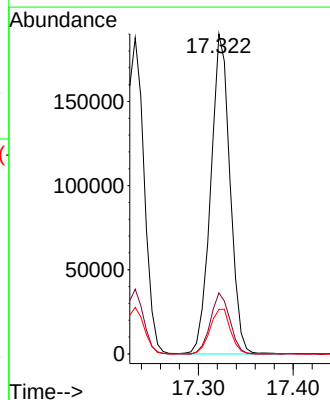
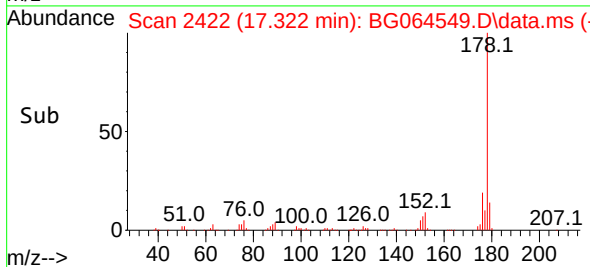
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



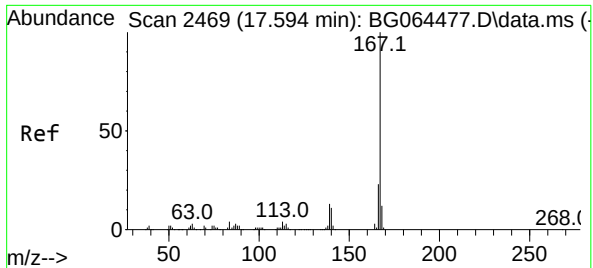
#72  
Anthracene  
Concen: 46.634 ng  
RT: 17.322 min Scan# 2422  
Delta R.T. 0.000 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:178 Resp: 268556  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.6 21.8  
179 13.9 12.5 18.7

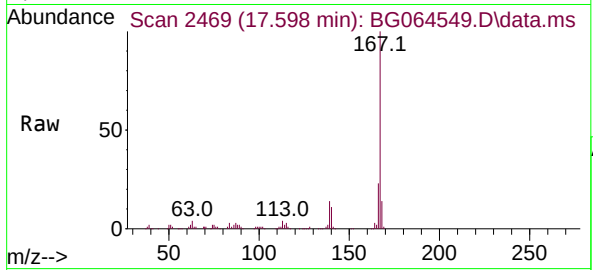






#73  
 Carbazole  
 Concen: 46.986 ng  
 RT: 17.598 min Scan# 2469  
 Delta R.T. 0.006 min  
 Lab File: BG064549.D  
 Acq: 20 Oct 2025 14:25

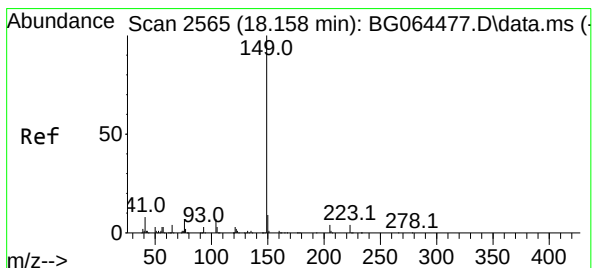
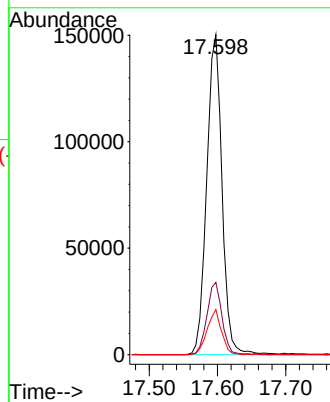
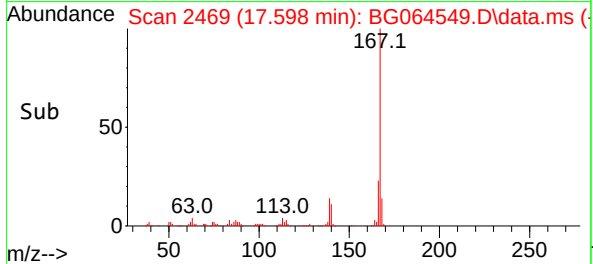
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170165BS



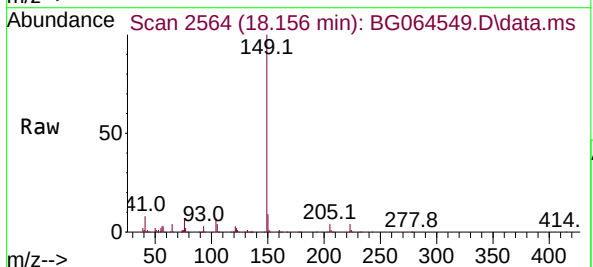
Tgt Ion:167 Resp: 233881  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.6 27.8  
 139 14.1 10.2 15.4

Manual Integrations  
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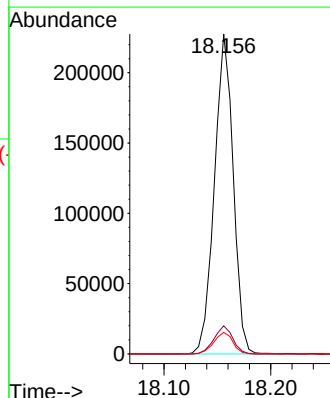
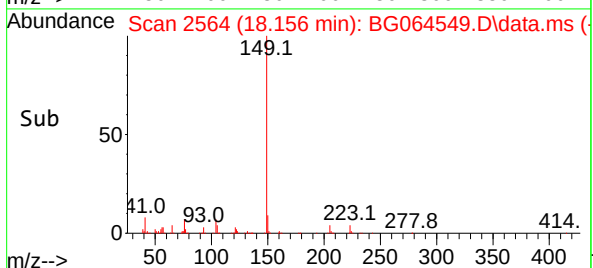
Reviewed By :Rahul Chavli 10/21/2025  
 Supervised By :Jagrut Upadhyay 10/21/2025

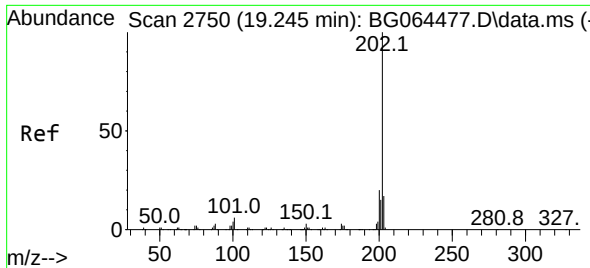


#74  
 Di-n-butylphthalate  
 Concen: 45.881 ng  
 RT: 18.156 min Scan# 2564  
 Delta R.T. 0.000 min  
 Lab File: BG064549.D  
 Acq: 20 Oct 2025 14:25



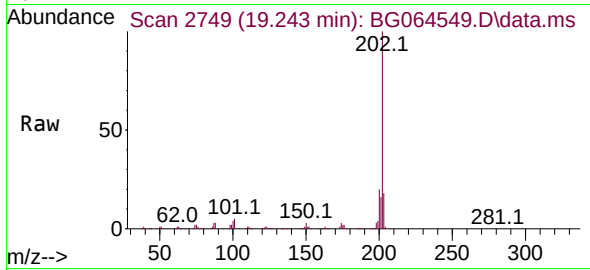
Tgt Ion:149 Resp: 278793  
 Ion Ratio Lower Upper  
 149 100  
 150 8.8 7.4 11.2  
 104 6.7 5.3 7.9





#75  
Fluoranthene  
Concen: 45.562 ng  
RT: 19.243 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

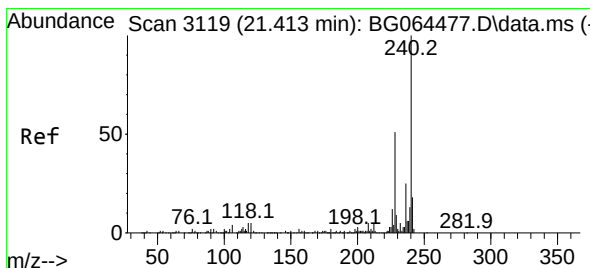
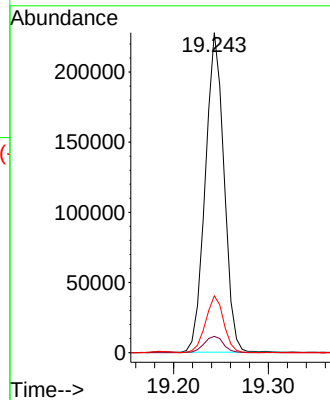
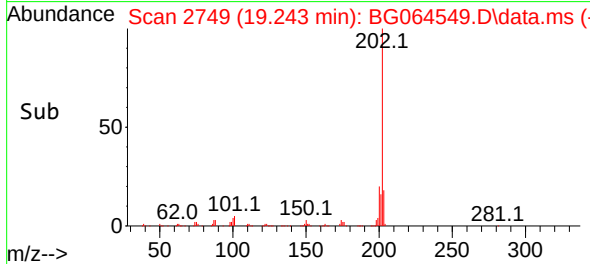
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:202 Resp: 312448  
Ion Ratio Lower Upper  
202 100  
101 5.1 0.0 25.7  
203 17.7 0.0 36.6

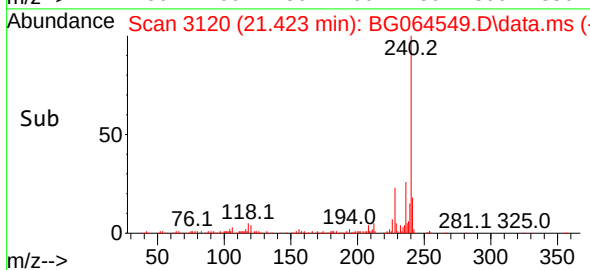
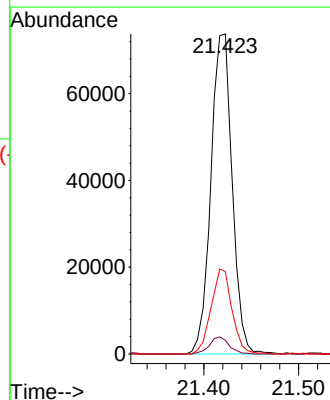
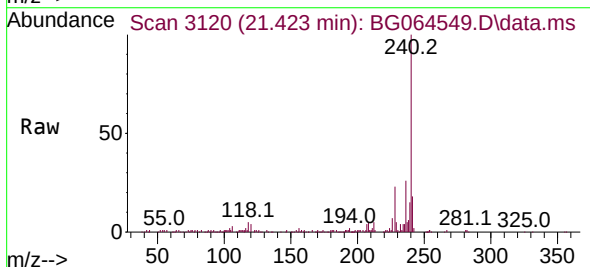
Manual Integrations  
APPROVED

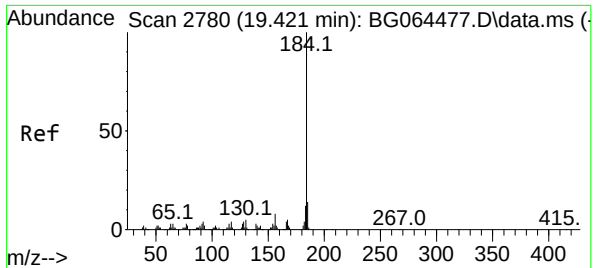
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.423 min Scan# 3120  
Delta R.T. 0.013 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion:240 Resp: 115066  
Ion Ratio Lower Upper  
240 100  
120 4.3 4.3 6.5#  
236 25.7 20.4 30.6





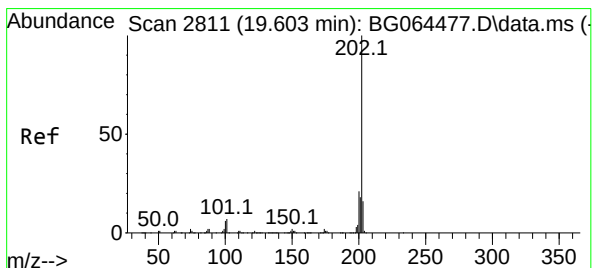
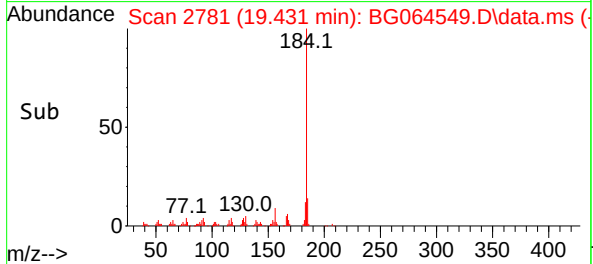
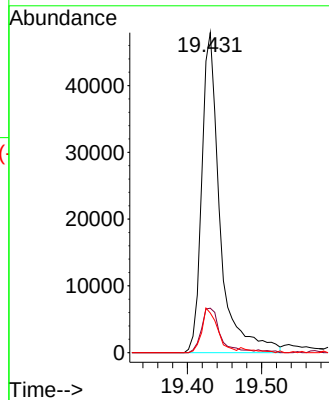
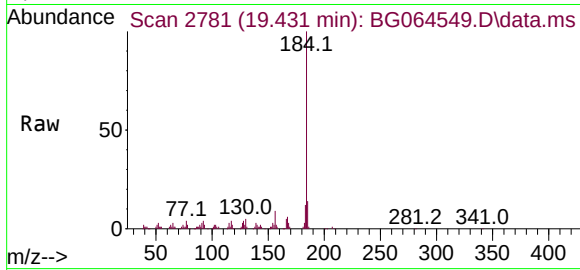
#77  
Benzidine  
Concen: 28.573 ng  
RT: 19.431 min Scan# 2780  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS

Tgt Ion:184 Resp: 8181  
Ion Ratio Lower Upper  
184 100  
185 13.9 10.9 16.3  
183 12.4 9.8 14.6

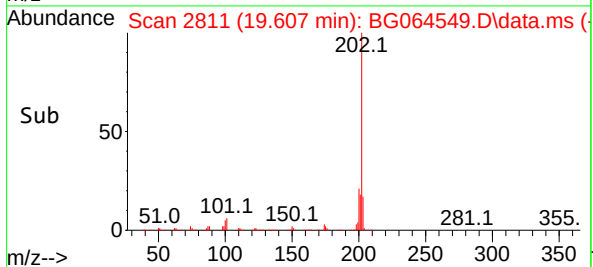
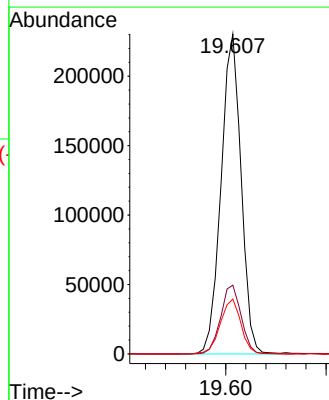
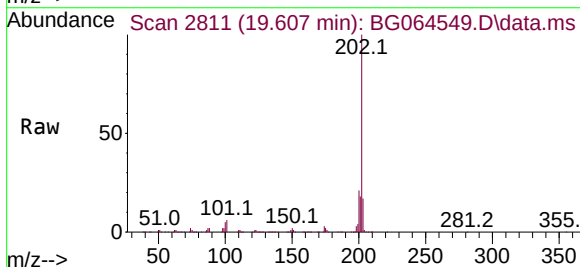
Manual Integrations  
APPROVED

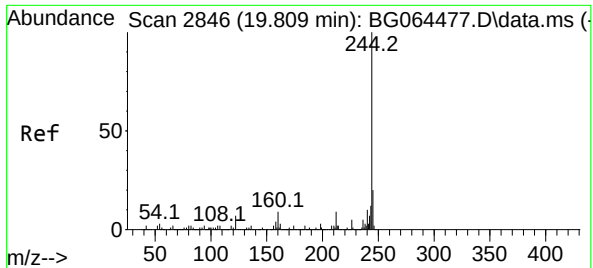
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#78  
Pyrene  
Concen: 42.785 ng  
RT: 19.607 min Scan# 2811  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

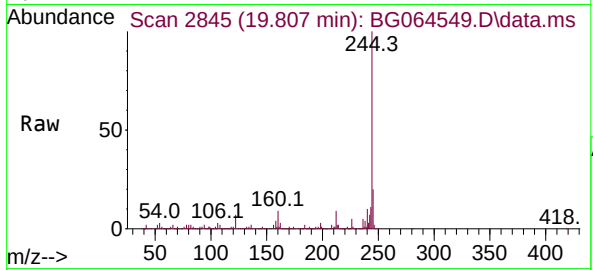
Tgt Ion:202 Resp: 319492  
Ion Ratio Lower Upper  
202 100  
200 21.5 17.0 25.4  
203 17.2 13.0 19.4





#79  
 Terphenyl-d14  
 Concen: 86.178 ng  
 RT: 19.807 min Scan# 2846  
 Delta R.T. 0.000 min  
 Lab File: BG064549.D  
 Acq: 20 Oct 2025 14:25

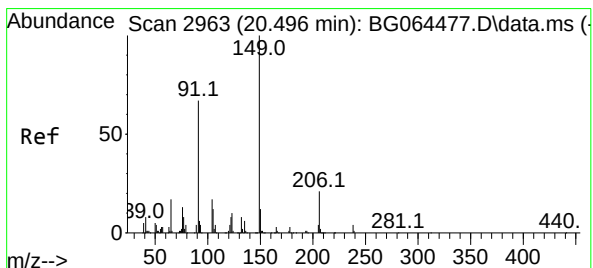
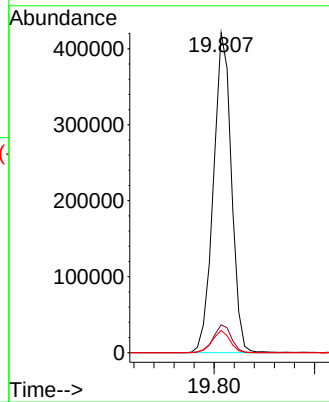
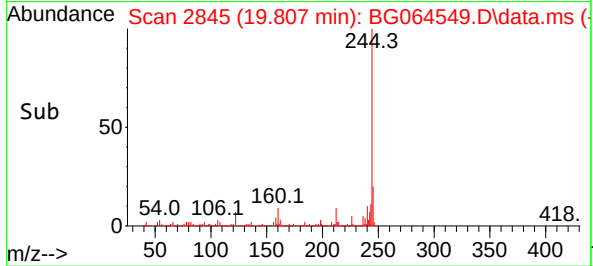
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB170165BS



Tgt Ion:244 Resp: 52397  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 7.0 10.6  
 122 6.9 5.6 8.4

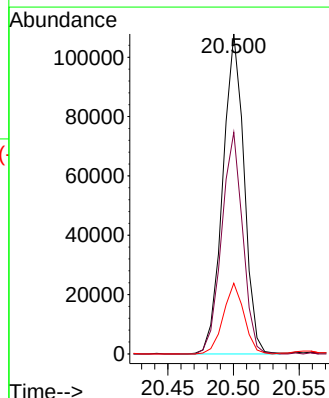
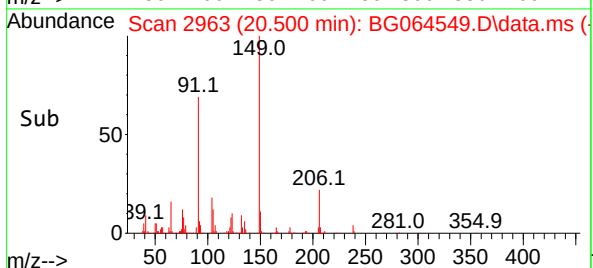
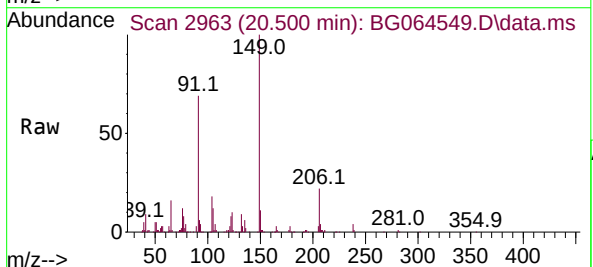
Manual Integrations  
 APPROVED

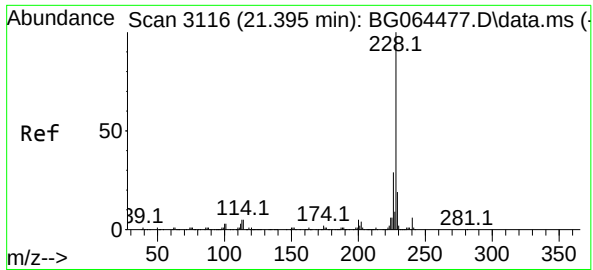
Reviewed By :Rahul Chavli 10/21/2025  
 Supervised By :Jagrut Upadhyay 10/21/2025



#80  
 Butylbenzylphthalate  
 Concen: 46.042 ng  
 RT: 20.500 min Scan# 2963  
 Delta R.T. 0.000 min  
 Lab File: BG064549.D  
 Acq: 20 Oct 2025 14:25

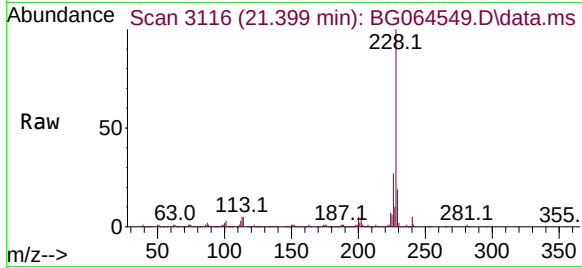
Tgt Ion:149 Resp: 121880  
 Ion Ratio Lower Upper  
 149 100  
 91 69.2 53.7 80.5  
 206 22.1 16.6 24.8





#81  
Benzo(a)anthracene  
Concen: 45.971 ng  
RT: 21.399 min Scan# 3116  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

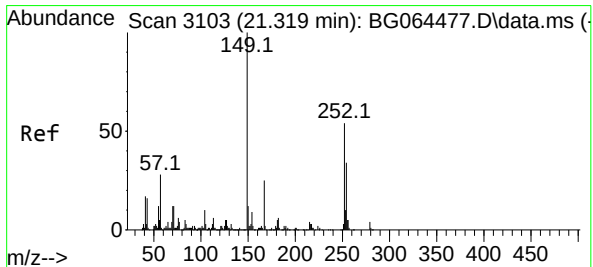
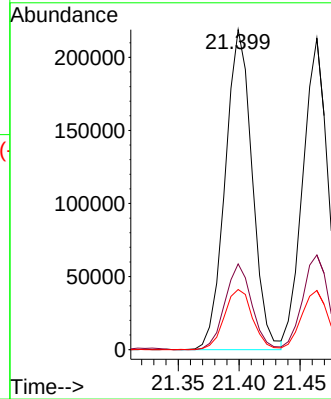
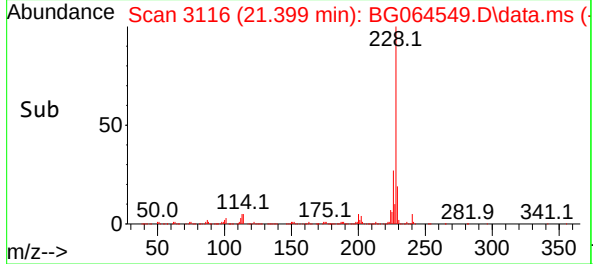
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



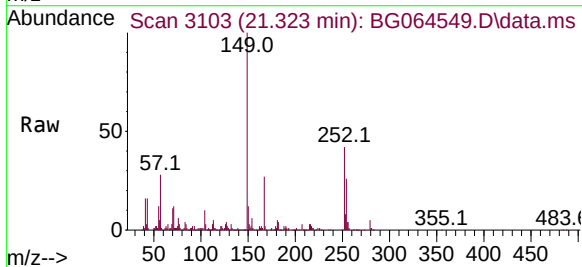
Tgt Ion:228 Resp: 337748  
Ion Ratio Lower Upper  
228 100  
226 26.8 22.8 34.2  
229 18.8 15.2 22.8

Manual Integrations  
APPROVED

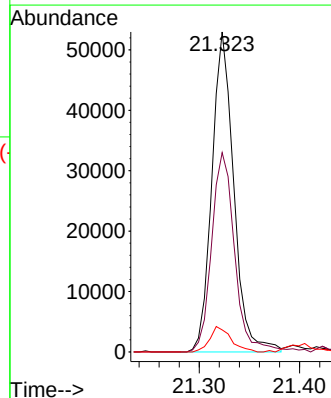
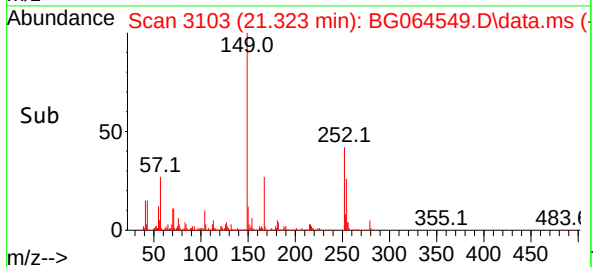
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

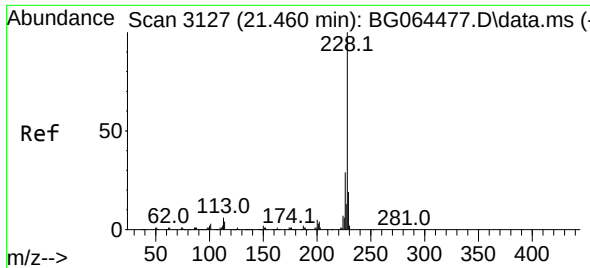


#82  
3,3'-Dichlorobenzidine  
Concen: 32.303 ng  
RT: 21.323 min Scan# 3103  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:252 Resp: 80327  
Ion Ratio Lower Upper  
252 100  
254 62.3 50.5 75.7  
126 6.9 7.1 10.7





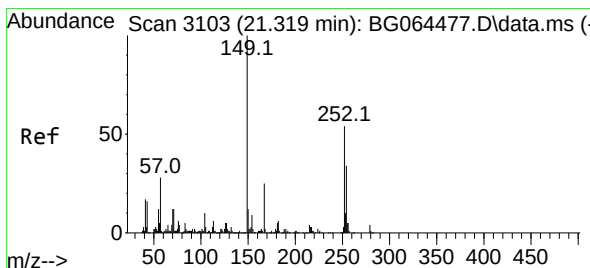
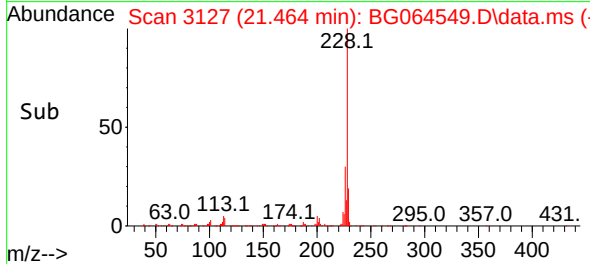
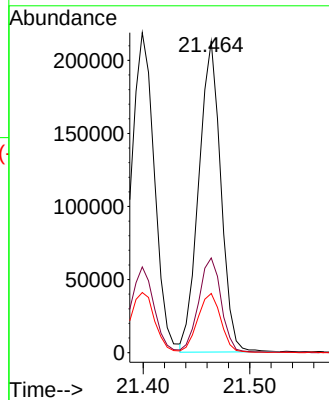
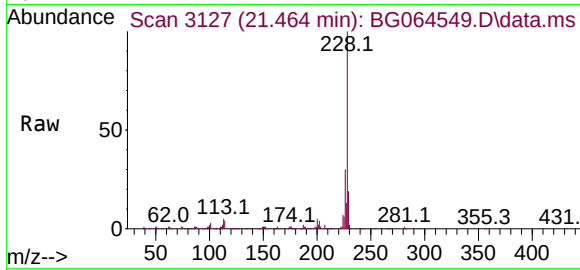
#83  
Chrysene  
Concen: 43.720 ng  
RT: 21.464 min Scan# 3127  
Delta R.T. 0.012 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS

Tgt Ion:228 Resp: 304625  
Ion Ratio Lower Upper  
228 100  
226 30.4 22.8 34.2  
229 19.0 15.4 23.0

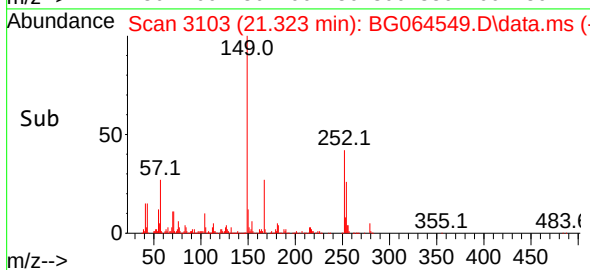
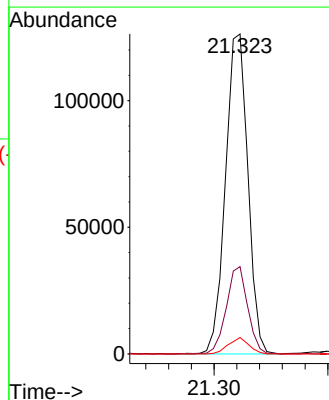
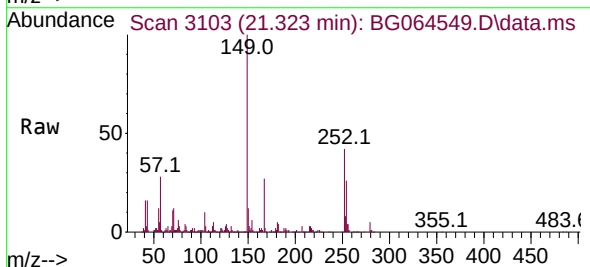
Manual Integrations  
APPROVED

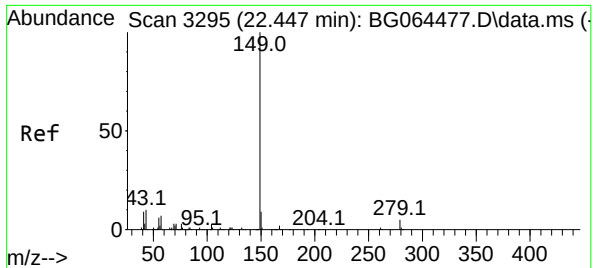
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.213 ng  
RT: 21.323 min Scan# 3103  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

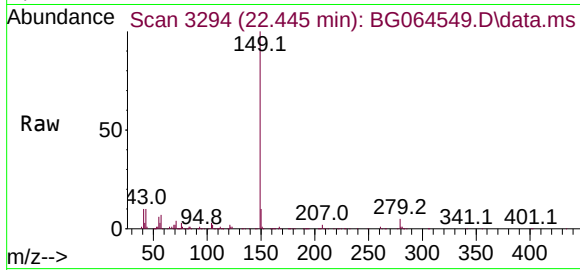
Tgt Ion:149 Resp: 172602  
Ion Ratio Lower Upper  
149 100  
167 27.3 19.7 29.5  
279 5.1 3.4 5.2





#85  
Di-n-octyl phthalate  
Concen: 45.976 ng  
RT: 22.445 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

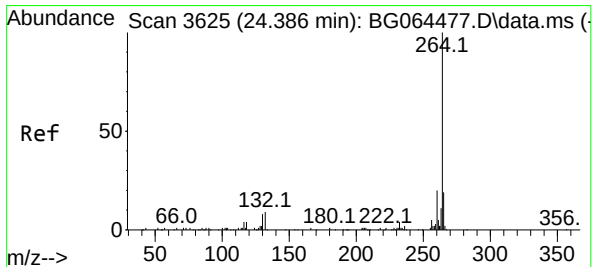
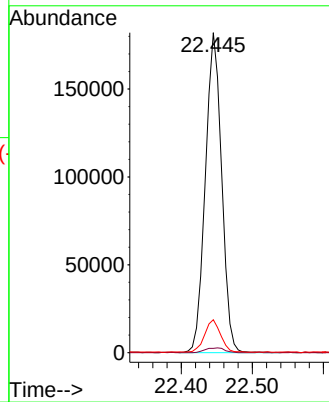
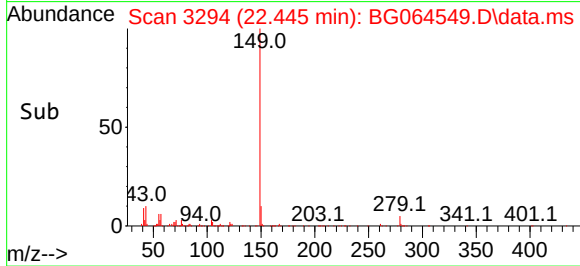
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:149 Resp: 288601  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 9.9 7.9 11.9

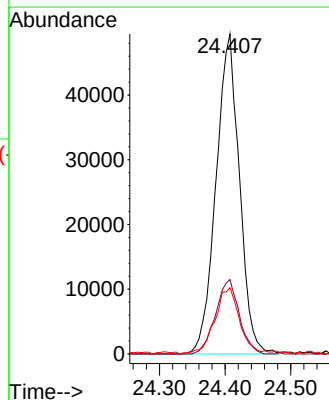
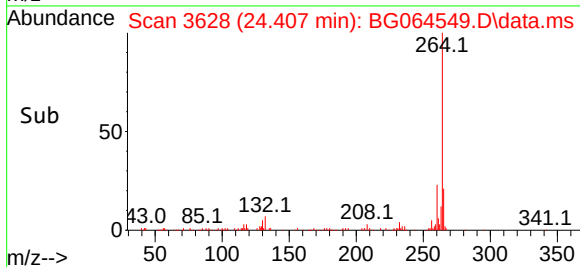
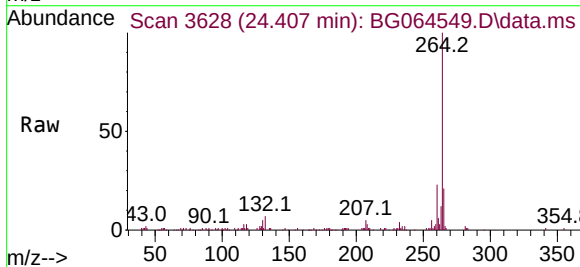
Manual Integrations  
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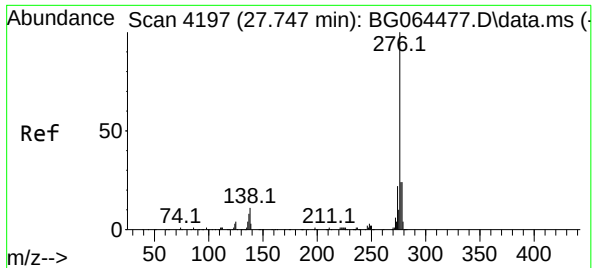
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.407 min Scan# 3628  
Delta R.T. 0.018 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

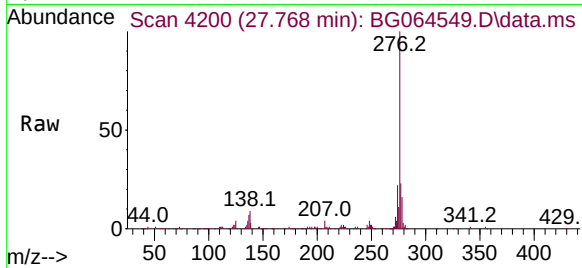
Tgt Ion:264 Resp: 122784  
Ion Ratio Lower Upper  
264 100  
260 23.2 16.2 24.4  
265 20.7 15.0 22.4





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.550 ng  
RT: 27.768 min Scan# 4197  
Delta R.T. 0.036 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

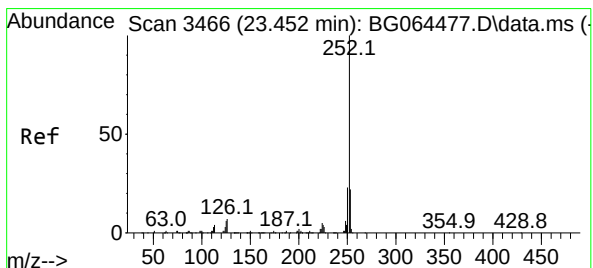
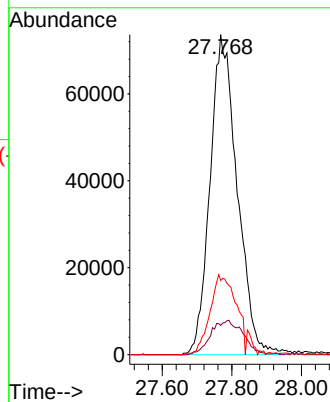
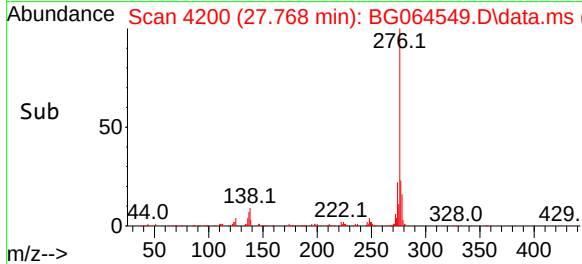
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



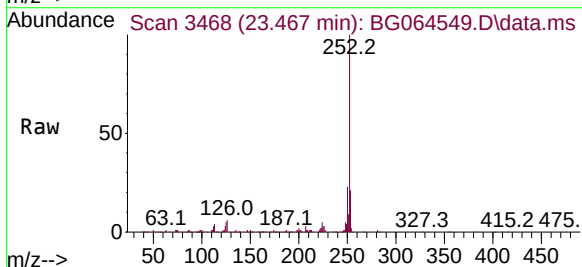
Tgt Ion:276 Resp: 397838  
Ion Ratio Lower Upper  
276 100  
138 4.6 10.8 16.2  
277 23.8 20.3 30.5

Manual Integrations  
APPROVED

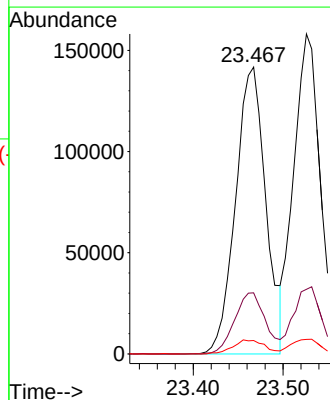
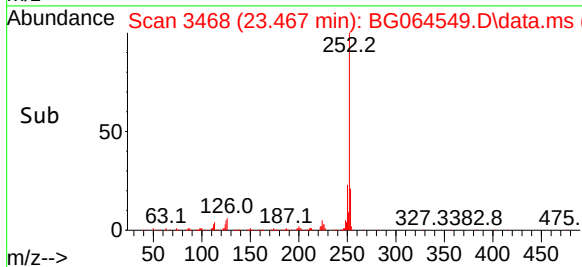
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



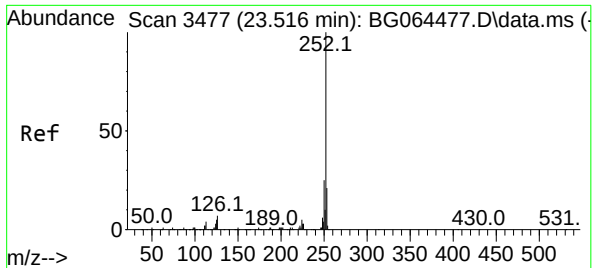
#88  
Benzo(b)fluoranthene  
Concen: 47.683 ng  
RT: 23.467 min Scan# 3468  
Delta R.T. 0.018 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25



Tgt Ion:252 Resp: 333073  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.5 26.3  
125 4.7 4.5 6.7







#89

Benzo(k)fluoranthene

Concen: 46.004 ng

RT: 23.526 min Scan# 3477

Delta R.T. 0.018 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

Instrument :

BNA\_G

ClientSampleId :

PB170165BS

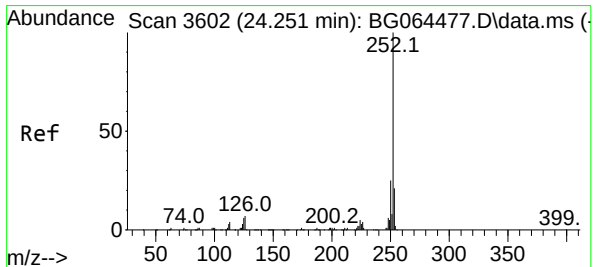
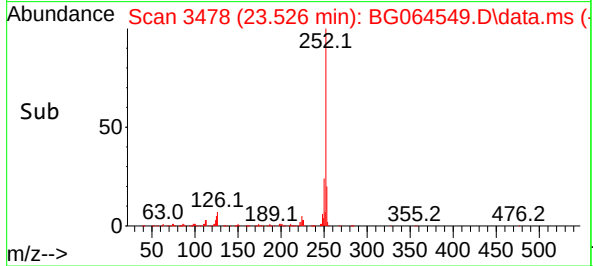
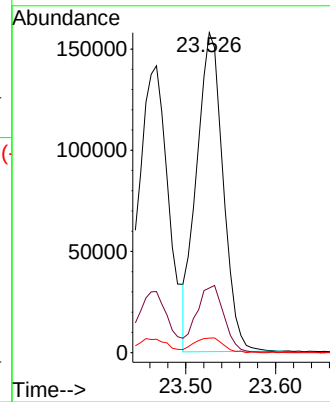
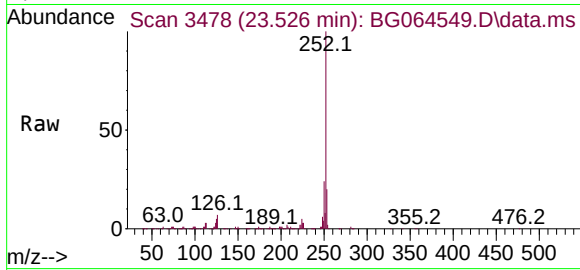
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 32365 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 20.2  | 17.4  | 26.2  |
| 125       | 4.5   | 4.0   | 6.0   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#90

Benzo(a)pyrene

Concen: 49.130 ng

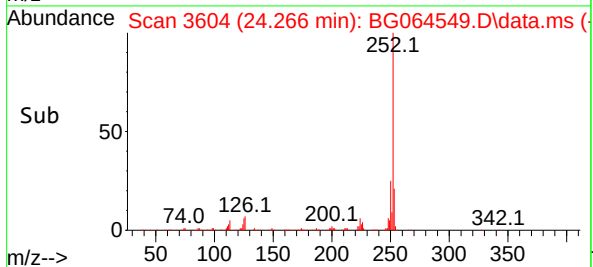
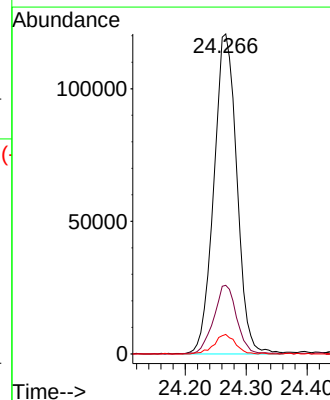
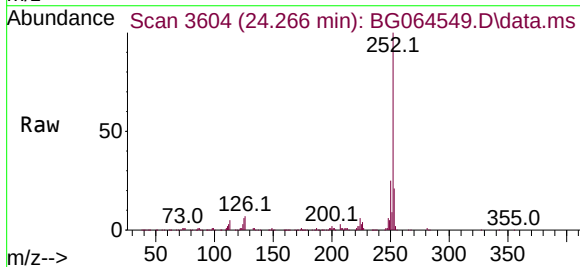
RT: 24.266 min Scan# 3604

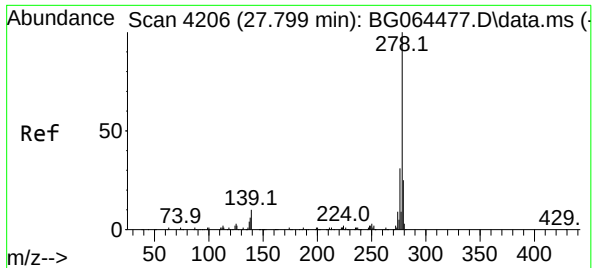
Delta R.T. 0.018 min

Lab File: BG064549.D

Acq: 20 Oct 2025 14:25

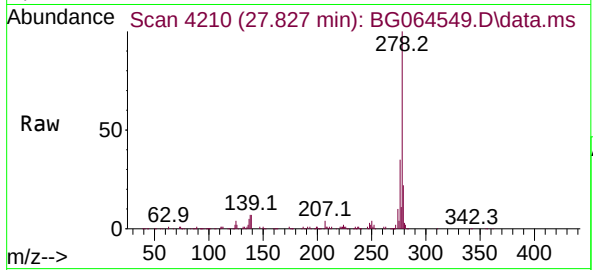
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 316286 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.4  | 17.1  | 25.7   |
| 125       | 6.1   | 4.6   | 6.8    |





#91  
Dibenzo(a,h)anthracene  
Concen: 48.721 ng  
RT: 27.827 min Scan# 4379  
Delta R.T. 0.047 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

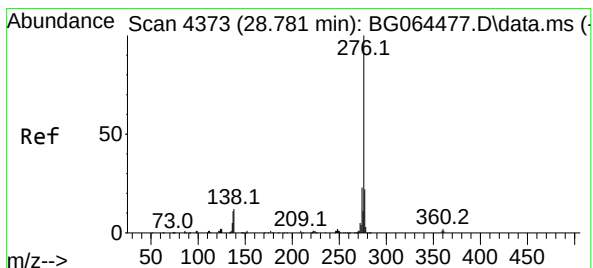
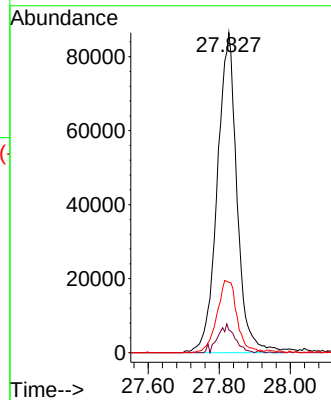
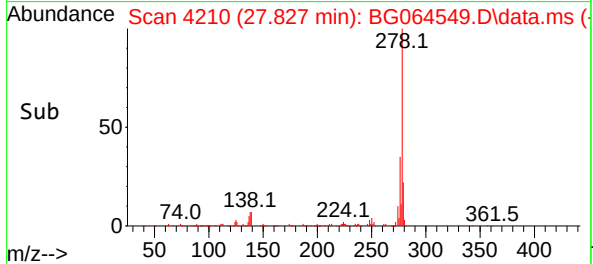
Instrument :  
BNA\_G  
ClientSampleId :  
PB170165BS



Tgt Ion:278 Resp: 332998  
Ion Ratio Lower Upper  
278 100  
139 7.1 8.2 12.2  
279 22.0 19.6 29.4

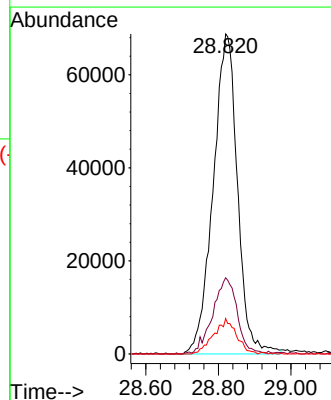
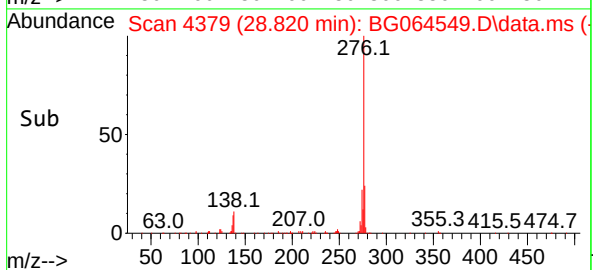
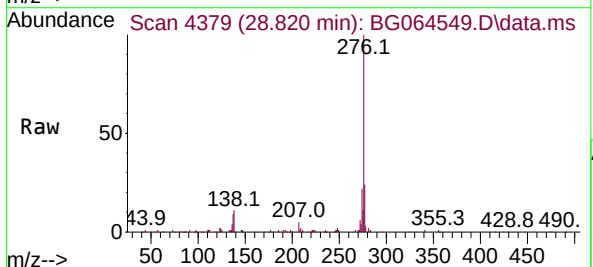
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#92  
Benzo(g,h,i)perylene  
Concen: 48.053 ng  
RT: 28.820 min Scan# 4379  
Delta R.T. 0.053 min  
Lab File: BG064549.D  
Acq: 20 Oct 2025 14:25

Tgt Ion:276 Resp: 319167  
Ion Ratio Lower Upper  
276 100  
277 23.8 17.8 26.6  
138 11.0 9.4 14.0



## Report of Analysis

Client: AECOM  
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
 Client Sample ID: VNJ-245MS  
 Lab Sample ID: Q3381-03MS  
 Analytical Method: 8270E Level : LOW  
 Sample Wt/Vol: 50.07 g Final Vol: 1000 uL  
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/17/25  
 Date Received: 10/17/25  
 SDG No.: Q3375  
 Matrix: SOIL  
 % Solid: 81.6  
 Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 650   |      | 1  | 110  | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 108-95-2       | Phenol                      | 1100  |      | 1  | 16.2 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1100  |      | 1  | 17.8 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 1100  |      | 1  | 17.9 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 1100  |      | 1  | 22.0 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1100  |      | 1  | 27.5 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 98-86-2        | Acetophenone                | 1200  |      | 1  | 21.7 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 1100  |      | 1  | 30.2 | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1000  |      | 1  | 34.8 | 58.7       | ug/Kg | 10/20/25 15:57 | PB170165     |
| 67-72-1        | Hexachloroethane            | 1100  |      | 1  | 12.9 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 98-95-3        | Nitrobenzene                | 1200  |      | 1  | 13.4 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 78-59-1        | Isophorone                  | 1100  |      | 1  | 24.1 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 1300  |      | 1  | 42.7 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 1200  |      | 1  | 47.6 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1100  |      | 1  | 22.6 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |      | 1  | 20.8 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 91-20-3        | Naphthalene                 | 1100  |      | 1  | 16.7 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 540   |      | 1  | 26.0 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 1100  |      | 1  | 18.6 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 105-60-2       | Caprolactam                 | 1100  |      | 1  | 38.3 | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  |      | 1  | 21.1 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 1000  |      | 1  | 18.8 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 2400  | E    | 1  | 85.2 | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |      | 1  | 14.5 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1100  |      | 1  | 21.4 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 1300  |      | 1  | 16.0 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 1100  |      | 1  | 16.5 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 1200  |      | 1  | 35.3 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 1100  |      | 1  | 19.9 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 208-96-8       | Acenaphthylene              | 1300  |      | 1  | 21.2 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 1300  |      | 1  | 24.7 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 780   |      | 1  | 33.8 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 83-32-9        | Acenaphthene                | 1100  |      | 1  | 15.6 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 1400  |      | 1  | 170  | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 2100  | E    | 1  | 78.6 | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 132-64-9       | Dibenzofuran                | 1100  |      | 1  | 16.7 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 1300  |      | 1  | 36.8 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 84-66-2        | Diethylphthalate            | 1100  |      | 1  | 20.8 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1100  |      | 1  | 19.6 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 86-73-7        | Fluorene                    | 1200  |      | 1  | 18.6 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 1100  |      | 1  | 47.1 | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 1100  |      | 1  | 75.6 | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |



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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: VNJ-245MS  
Lab Sample ID: Q3381-03MS  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 50.07 g Final Vol: 1000 uL  
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/17/25  
Date Received: 10/17/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 81.6  
Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF   | MDL | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|------|-----|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 1200  | 1    | 24.2 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  | 1    | 20.4 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 1200  | 1    | 18.6 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 1912-24-9  | Atrazine                   | 1200  | 1    | 25.0 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 1900  | 1    | 37.7 |     | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 85-01-8    | Phenanthrene               | 1300  | 1    | 15.3 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 120-12-7   | Anthracene                 | 1200  | 1    | 24.5 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 86-74-8    | Carbazole                  | 1200  | 1    | 22.9 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 1200  | 1    | 35.2 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 206-44-0   | Fluoranthene               | 1400  | 1    | 22.0 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 129-00-0   | Pyrene                     | 1200  | 1    | 26.4 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 1200  | 1    | 52.4 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 820   | 1    | 26.9 |     | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 1500  | 1    | 16.9 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 218-01-9   | Chrysene                   | 1400  | 1    | 14.6 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1300  | 1    | 43.5 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 1500  | 1    | 63.7 |     | 240        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 1400  | 1    | 14.0 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 1100  | 1    | 16.4 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 1400  | 1    | 21.7 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1300  | 1    | 21.4 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1200  | 1    | 20.1 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 1300  | 1    | 18.9 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1300  | 1    | 18.8 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 1100  | 1    | 33.2 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 1100  | 1    | 20.1 |     | 120        | ug/Kg | 10/20/25 15:57 | PB170165     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 67.4 |  | 18 - 112 | 45% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 68.3 |  | 15 - 107 | 46% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 46.1 |  | 18 - 107 | 46% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 32.4 |  | 20 - 109 | 32% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 59.5 |  | 10 - 116 | 40% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 35.4 |  | 10 - 105 | 35% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 103000 |
| 1146-65-2  | Naphthalene-d8         | 382000 |
| 15067-26-2 | Acenaphthene-d10       | 201000 |
| 1517-22-2  | Phenanthrene-d10       | 318000 |
| 1719-03-5  | Chrysene-d12           | 224000 |
| 1520-96-3  | Perylene-d12           | 295000 |



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## Report of Analysis

|                    |                                                  |                 |                  |
|--------------------|--------------------------------------------------|-----------------|------------------|
| Client:            | AECOM                                            | Date Collected: | 10/17/25         |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 | Date Received:  | 10/17/25         |
| Client Sample ID:  | VNJ-245MS                                        | SDG No.:        | Q3375            |
| Lab Sample ID:     | Q3381-03MS                                       | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | % Solid:        | 81.6             |
| Sample Wt/Vol:     | 50.07 g                                          | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                                           |                 |                  |
|                    | Level : LOW                                      |                 |                  |
|                    | Final Vol: 1000 uL                               |                 |                  |
|                    | Prep Date: 10/20/25                              |                 |                  |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF144000.D  
 Acq On : 20 Oct 2025 15:57  
 Operator : RC/JU  
 Sample : Q3381-03MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-245MS

Quant Time: Oct 20 16:33:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 103333   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 382013   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 200713   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 318387   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 223763   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 294781   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 438595   | 67.402 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 529928   | 68.323 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 289756   | 46.082 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 118959   | 59.505 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 409869   | 32.402 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 462900   | 35.356 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.705  | 88   | 132798   | 44.102 | ng    | 96       |
| 3) Pyridine                   | 3.463  | 79   | 368348   | 42.020 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.410  | 42   | 209201   | 45.366 | ng    | 94       |
| 6) Aniline                    | 6.545  | 93   | 368544   | 31.709 | ng    | 99       |
| 8) 2-Chlorophenol             | 6.663  | 128  | 287133   | 45.142 | ng    | 99       |
| 9) Benzaldehyde               | 6.434  | 77   | 158290   | 26.456 | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 428684   | 46.230 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 318744   | 44.498 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 343788   | 45.152 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 342288   | 45.575 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 334132   | 46.447 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 272640   | 46.914 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 731362   | 44.856 | ng    | 100      |
| 17) 2-Methylphenol            | 7.128  | 107  | 239106   | 45.486 | ng    | 97       |
| 18) Hexachloroethane          | 7.392  | 117  | 110667   | 44.183 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 217753   | 41.015 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 267179   | 43.854 | ng    | # 84     |
| 22) Acetophenone              | 7.287  | 105  | 403608   | 49.968 | ng    | 96       |
| 24) Nitrobenzene              | 7.463  | 77   | 340069   | 48.702 | ng    | 97       |
| 25) Isophorone                | 7.698  | 82   | 600118   | 45.264 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.781  | 139  | 159448   | 53.262 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 272349   | 50.573 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 387810   | 46.306 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 259499   | 46.261 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 269947   | 48.932 | ng    | 98       |
| 31) Naphthalene               | 8.187  | 128  | 796848   | 45.855 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 161816   | 43.417 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 142681   | 21.892 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 170350   | 44.436 | ng    | 96       |
| 35) Caprolactam               | 8.598  | 113  | 81445    | 45.664 | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 246157   | 45.684 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 489487   | 42.286 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 488367   | 43.496 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 284451   | 51.276 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 226930   | 98.605 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 190058   | 46.890 | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF144000.D  
 Acq On : 20 Oct 2025 15:57  
 Operator : RC/JU  
 Sample : Q3381-03MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-245MS

Quant Time: Oct 20 16:33:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 200259   | 46.753 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 678896   | 51.087 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 512730   | 46.276 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 175824   | 50.193 | ng    | 95       |
| 49) Acenaphthylene            | 9.786  | 152  | 809376   | 51.961 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 597488   | 46.876 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 127854   | 54.095 | ng    | 96       |
| 52) Acenaphthene              | 9.957  | 154  | 478527   | 46.884 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 92302    | 31.894 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 9.981  | 184  | 81830    | 58.200 | ng    | 92       |
| 55) Dibenzofuran              | 10.128 | 168  | 675911   | 46.912 | ng    | 98       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 186388   | 85.060 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 170165   | 52.914 | ng    | 99       |
| 58) Fluorene                  | 10.475 | 166  | 516441   | 47.503 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 141238   | 46.581 | ng    | 98       |
| 60) Diethylphthalate          | 10.339 | 149  | 543627   | 45.909 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 257179   | 44.744 | ng    | 97       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 127786   | 45.917 | ng    | 95       |
| 63) Azobenzene                | 10.622 | 77   | 606952   | 49.044 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 73561    | 45.976 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 10.581 | 169  | 501852   | 50.200 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 168517   | 47.892 | ng    | 97       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 195558   | 48.006 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 152836   | 50.440 | ng    | 98       |
| 70) Pentachlorophenol         | 11.216 | 266  | 184749   | 78.967 | ng    | 98       |
| 71) Phenanthrene              | 11.439 | 178  | 818952   | 53.056 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 795285   | 51.001 | ng    | 99       |
| 73) Carbazole                 | 11.645 | 167  | 673083   | 48.737 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.975 | 149  | 786167   | 49.117 | ng    | 99       |
| 75) Fluoranthene              | 12.633 | 202  | 892868   | 56.001 | ng    | 98       |
| 77) Benzidine                 | 12.751 | 184  | 292169   | 37.604 | ng    | 99       |
| 78) Pyrene                    | 12.863 | 202  | 897135   | 48.091 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 297998   | 49.187 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 876380   | 59.849 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.016 | 252  | 148913   | 33.370 | ng    | 98       |
| 83) Chrysene                  | 14.092 | 228  | 762919   | 56.293 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.039 | 149  | 388279   | 53.166 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 721877   | 60.181 | ng    | # 99     |
| 87) Indeno(1,2,3-cd)pyrene    | 17.057 | 276  | 942417   | 52.175 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.116 | 252  | 963893   | 56.923 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 694255   | 44.309 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 854925   | 58.227 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.074 | 278  | 729261   | 50.200 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.515 | 276  | 756650   | 52.085 | ng    | 98       |

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



**Instrument :**  
BNA\_F  
**ClientSampleId :**  
VNJ-245MS

Abundance

TIC: BF144000.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylaniline

2-Fluorophenol.S

3,4-Dichlorobenzene-propylamine.P

1,4-Dichlorobenzene

1,3-Dichlorobenzene

1,2-Dichlorobenzene

1,2,3-Trichlorobenzene

1,2,4-Trichlorobenzene

1,2,5-Trichlorobenzene

1,2,6-Trichlorobenzene

1,2,3,4-Tetrachlorobenzene

1,2,3,5-Tetrachlorobenzene

1,2,3,6-Tetrachlorobenzene

1,2,4,5-Tetrachlorobenzene

1,2,4,6-Tetrachlorobenzene

1,2,3,4,5-Pentachlorobenzene

1,2,3,4,6-Pentachlorobenzene

1,2,3,5,6-Pentachlorobenzene

1,2,3,4,5,6-Hexachlorobenzene

1,2,3,4,5,6,7-Heptachlorobenzene

1,2,3,4,5,6,7,8-Octachlorobenzene

1,2,3,4,5,6,7,8,9-Nonachlorobenzene

1,2,3,4,5,6,7,8,9,10-Decachlorobenzene

1,2,3,4,5,6,7,8,9,10,11-Undecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12-Dodecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13-Tridecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14-Tetradecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15-Pentadecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16-Hexadecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17-Heptadecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18-Octadecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19-Nonadecachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20-Eicacosachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21-Henicosachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22-Bicacosachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23-Tricacosachlorobenzene

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1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27-Heptacosachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28-Octacosachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29-Nonacosachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30-Triacontachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31-Triacontachlorobenzene

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1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33-Triacontachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34-Triacontachlorobenzene

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1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40-Triacontachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41-Triacontachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42-Triacontachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43-Triacontachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44-Triacontachlorobenzene

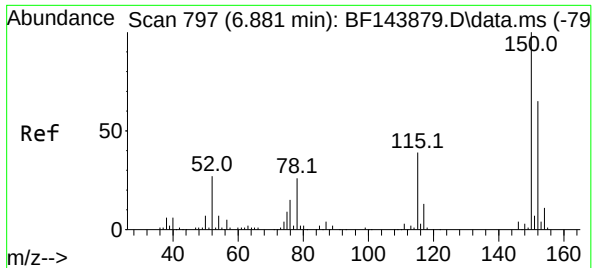
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1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47-Triacontachlorobenzene

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,

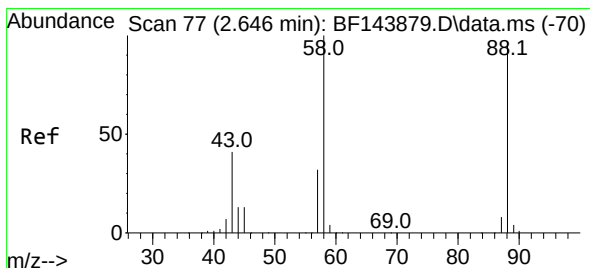
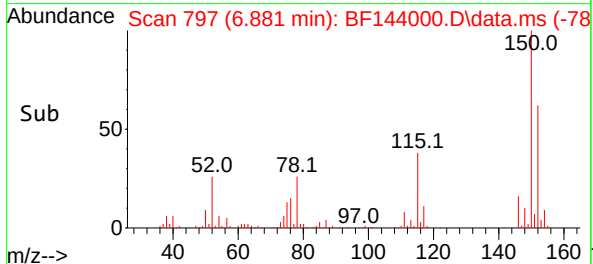
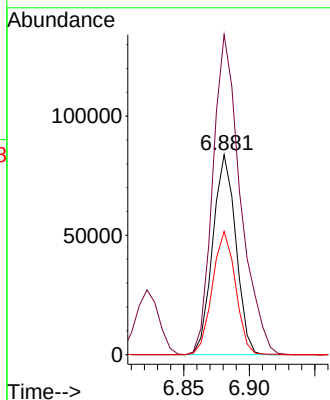
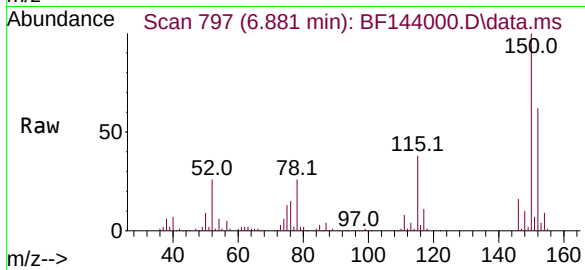




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

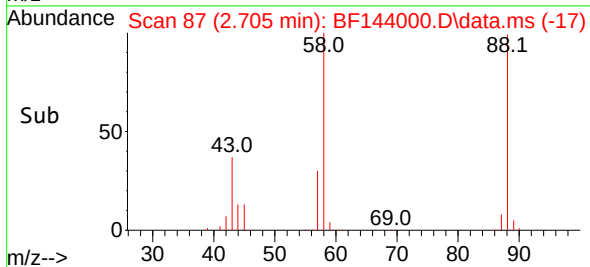
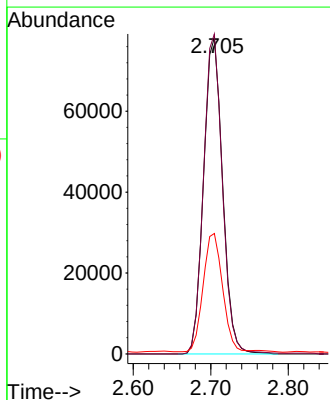
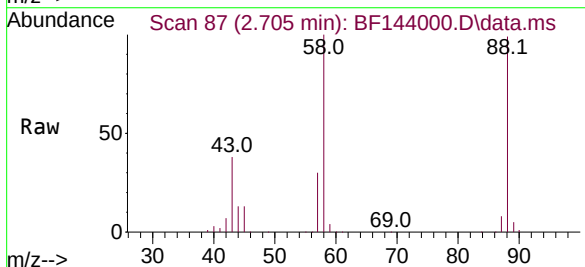
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

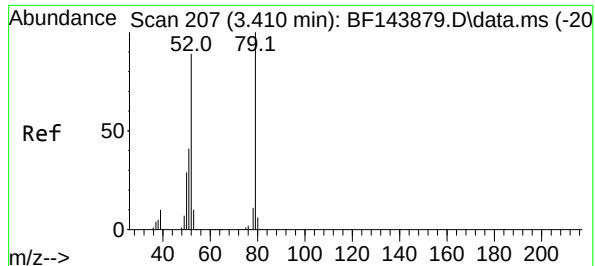
Tgt Ion:152 Resp: 103333  
Ion Ratio Lower Upper  
152 100  
150 160.0 124.4 186.6  
115 61.6 48.1 72.1



#2  
1,4-Dioxane  
Concen: 44.102 ng  
RT: 2.705 min Scan# 87  
Delta R.T. 0.059 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

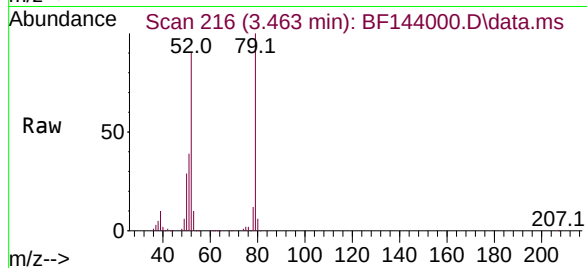
Tgt Ion: 88 Resp: 132798  
Ion Ratio Lower Upper  
88 100  
58 100.7 83.0 124.6  
43 38.3 33.9 50.9



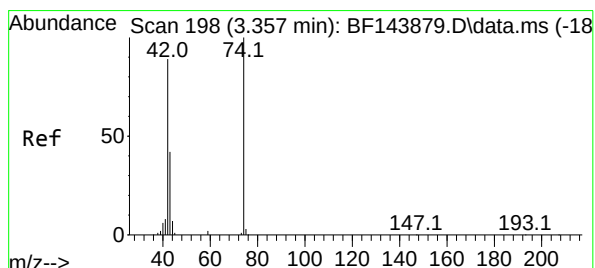
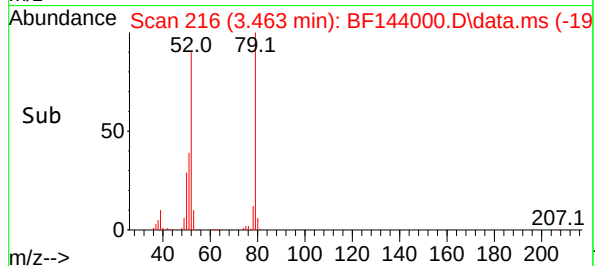
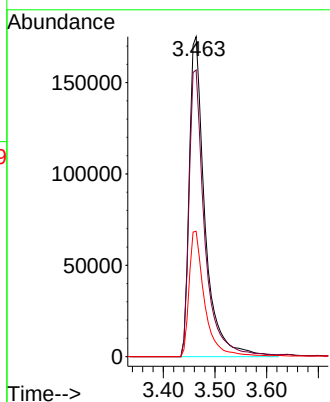


#3  
Pyridine  
Concen: 42.020 ng  
RT: 3.463 min Scan# 21  
Delta R.T. 0.047 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

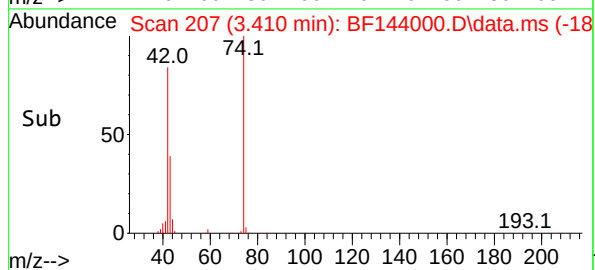
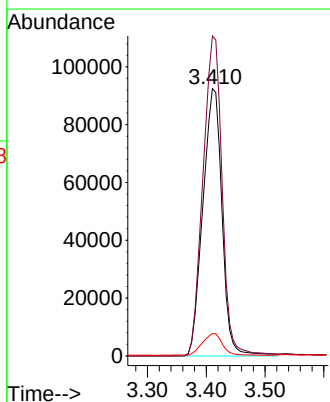
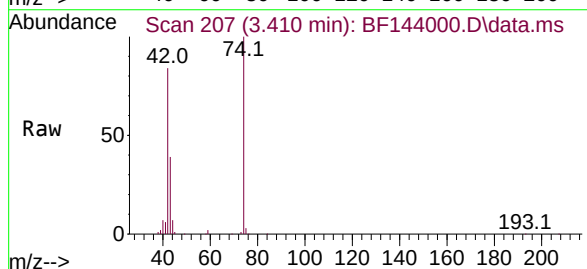


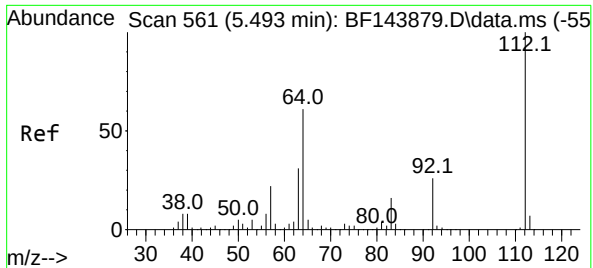
Tgt Ion: 79 Resp: 368348  
Ion Ratio Lower Upper  
79 100  
52 89.6 71.5 107.3  
51 39.2 32.9 49.3



#4  
n-Nitrosodimethylamine  
Concen: 45.366 ng  
RT: 3.410 min Scan# 207  
Delta R.T. 0.024 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion: 42 Resp: 209201  
Ion Ratio Lower Upper  
42 100  
74 119.7 90.0 135.0  
44 8.3 6.2 9.2

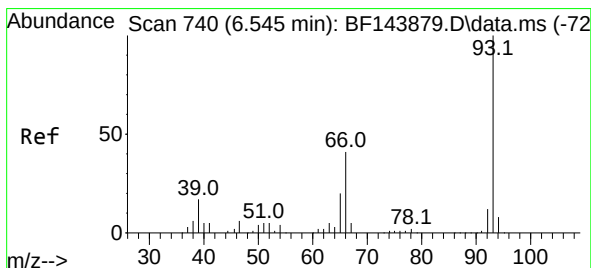
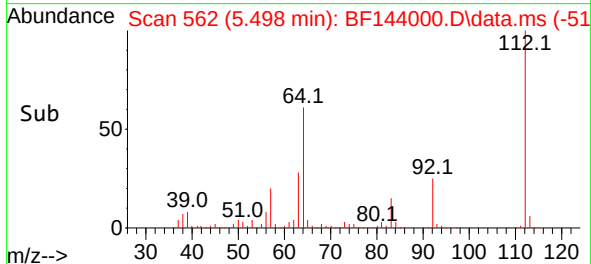
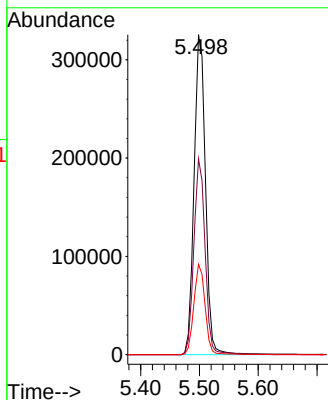
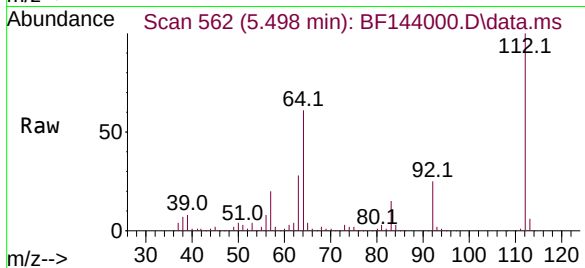




#5  
2-Fluorophenol  
Concen: 67.402 ng  
RT: 5.498 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

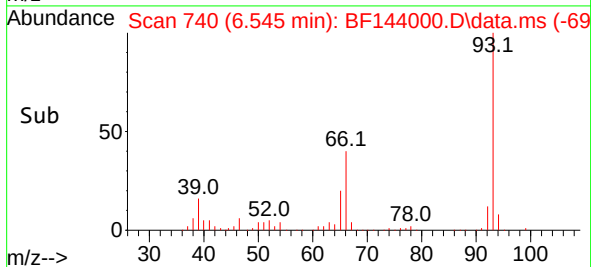
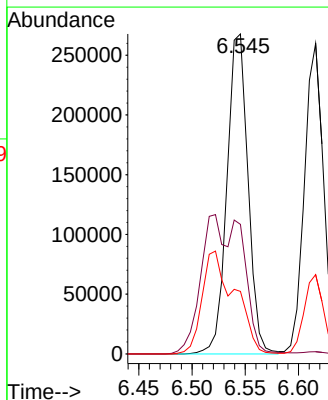
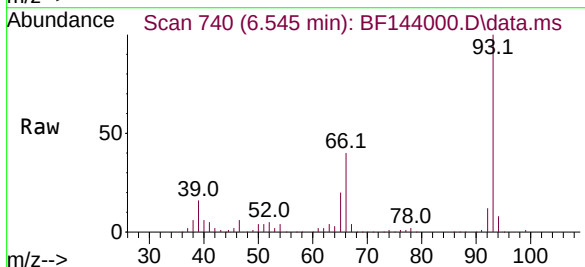
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

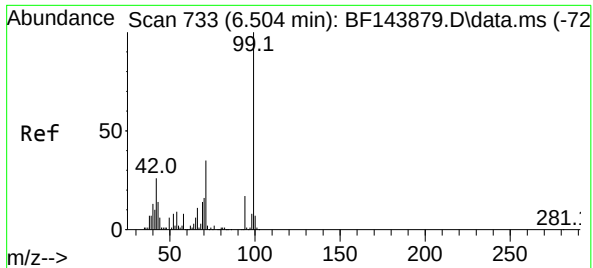
Tgt Ion:112 Resp: 438595  
Ion Ratio Lower Upper  
112 100  
64 61.2 49.1 73.7  
63 28.2 24.5 36.7



#6  
Aniline  
Concen: 31.709 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion: 93 Resp: 368544  
Ion Ratio Lower Upper  
93 100  
66 40.5 33.0 49.6  
65 19.5 15.8 23.8

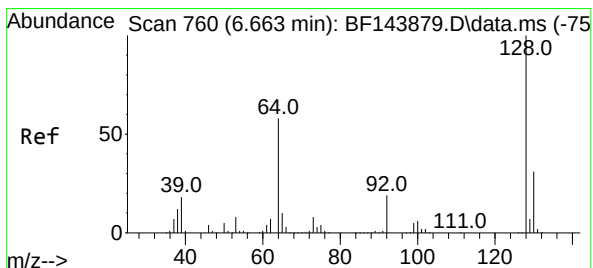
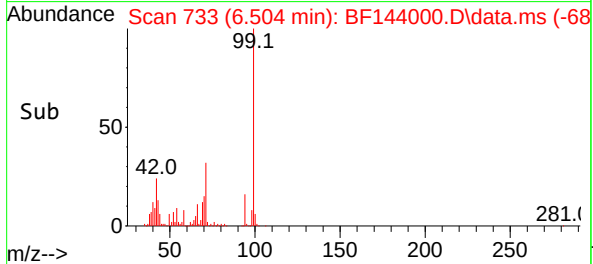
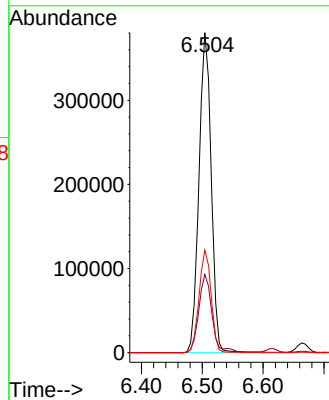
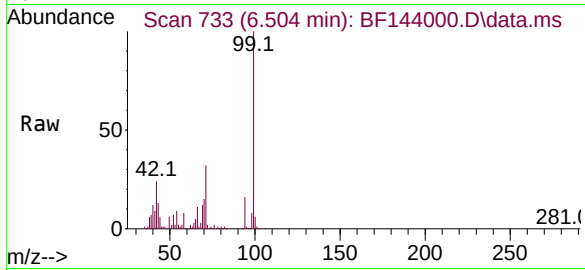




#7  
Phenol-d6  
Concen: 68.323 ng  
RT: 6.504 min Scan# 733  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

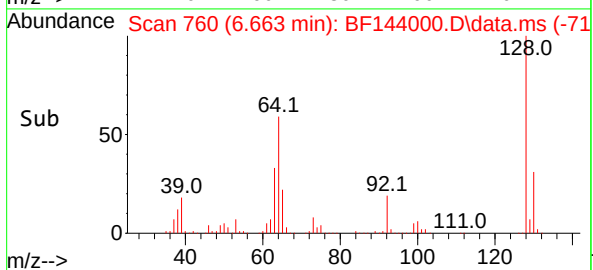
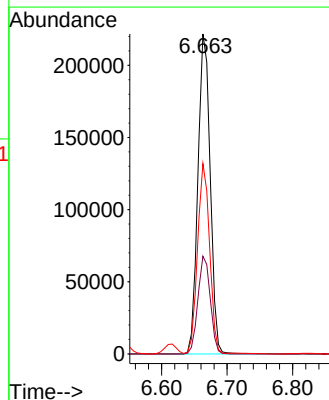
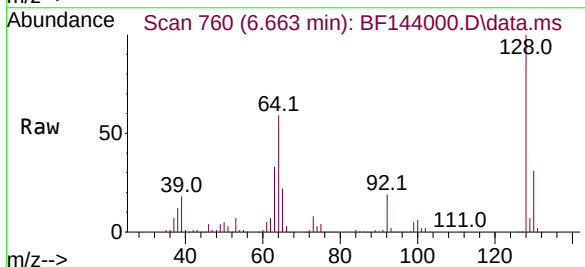
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

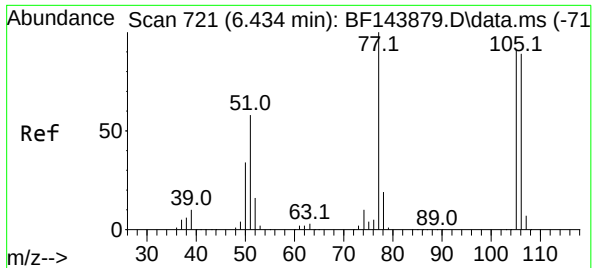
Tgt Ion: 99 Resp: 529928  
Ion Ratio Lower Upper  
99 100  
42 24.4 21.0 31.4  
71 32.0 27.8 41.8



#8  
2-Chlorophenol  
Concen: 45.142 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion: 128 Resp: 287133  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.7 50.7  
64 59.5 39.0 79.0

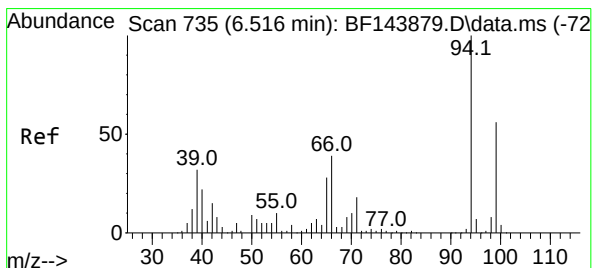
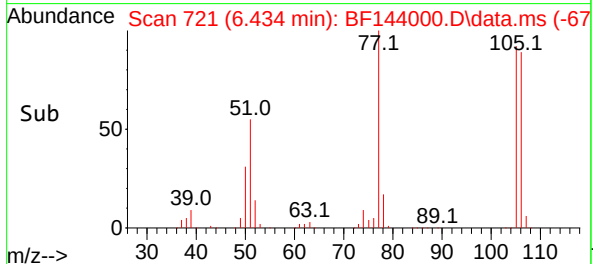
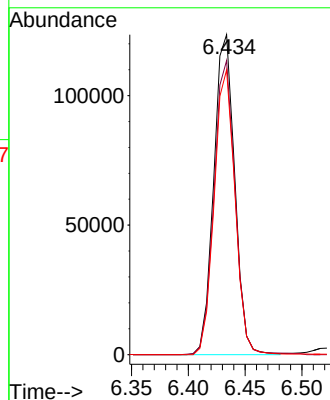
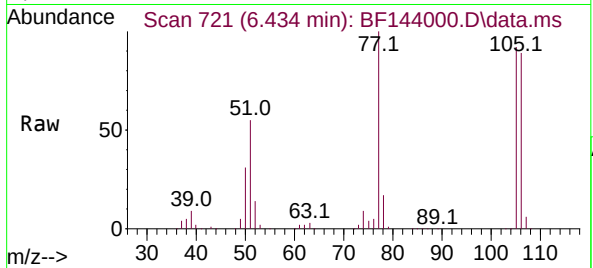




#9  
Benzaldehyde  
Concen: 26.456 ng  
RT: 6.434 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

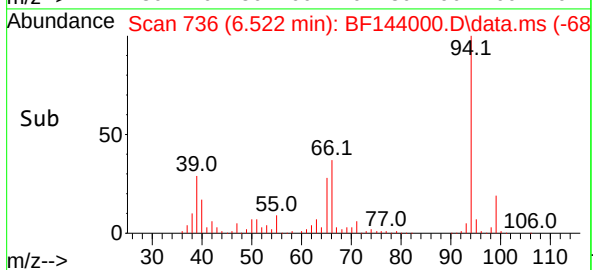
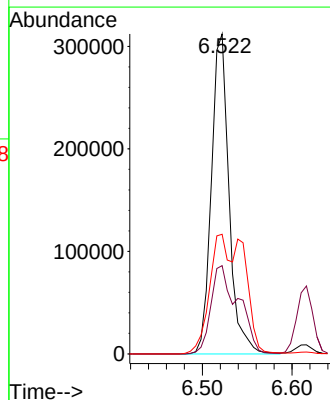
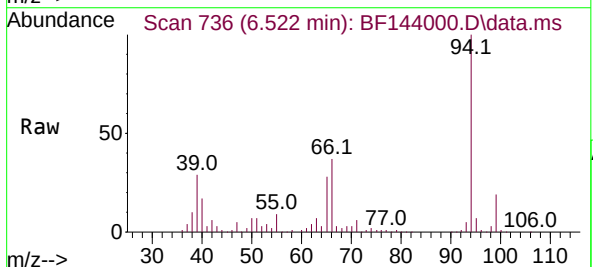
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

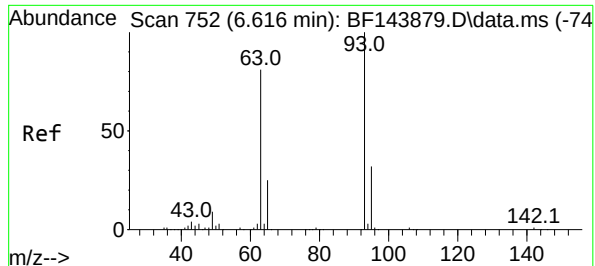
Tgt Ion: 77 Resp: 158290  
Ion Ratio Lower Upper  
77 100  
105 91.9 70.9 110.9  
106 89.0 68.9 108.9



#10  
Phenol  
Concen: 46.230 ng  
RT: 6.522 min Scan# 736  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion: 94 Resp: 428684  
Ion Ratio Lower Upper  
94 100  
65 27.6 8.5 48.5  
66 37.4 19.9 59.9

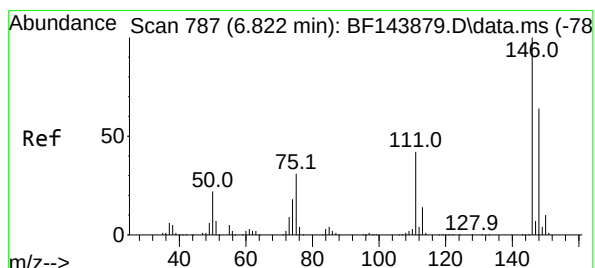
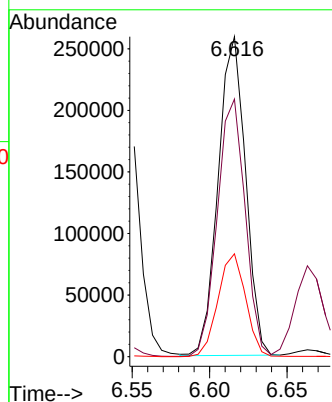
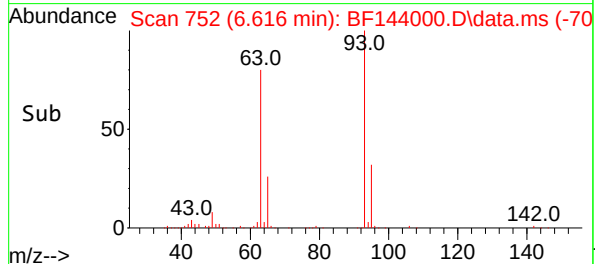
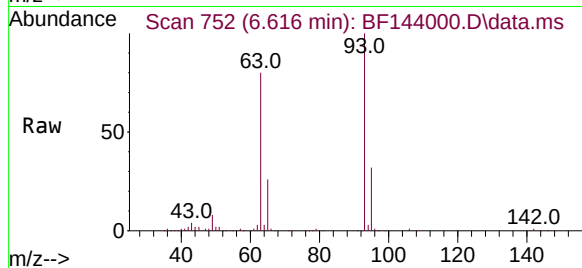




#11  
bis(2-Chloroethyl)ether  
Concen: 44.498 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

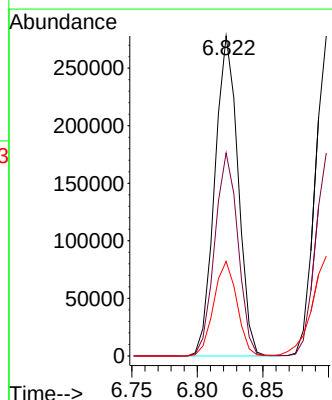
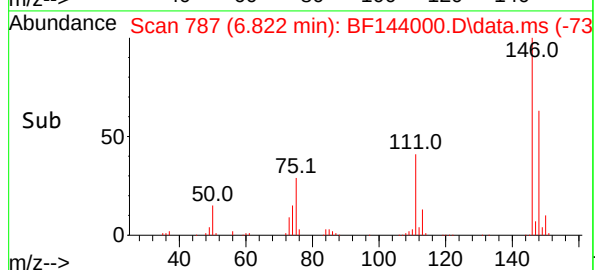
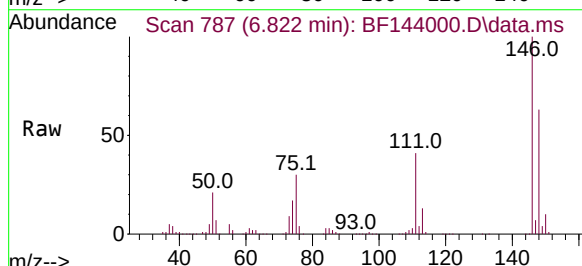
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

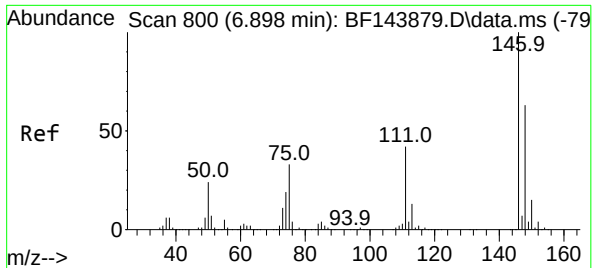
|             |              |
|-------------|--------------|
| Tgt Ion: 93 | Resp: 318744 |
| Ion Ratio   | Lower Upper  |
| 93 100      |              |
| 63 80.5     | 60.9 100.9   |
| 95 32.1     | 11.5 51.5    |



#12  
1,3-Dichlorobenzene  
Concen: 45.152 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:146 | Resp: 343788 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 146 100     |              |       |  |
| 148 63.4    | 51.0         | 76.4  |  |
| 75 29.5     | 24.9         | 37.3  |  |





#13

1,4-Dichlorobenzene

Concen: 45.575 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

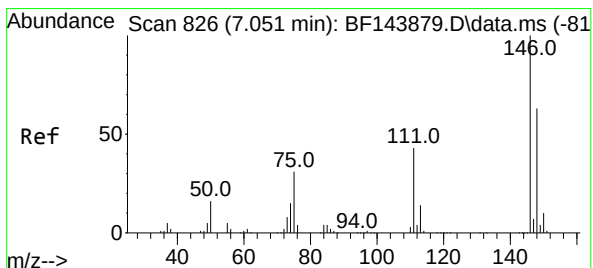
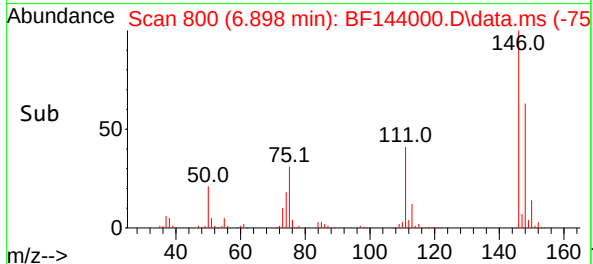
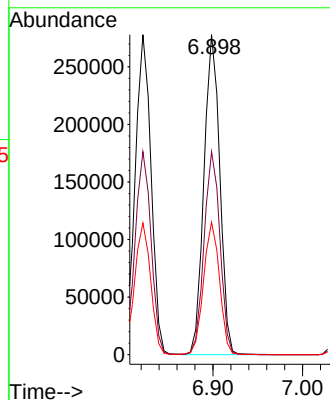
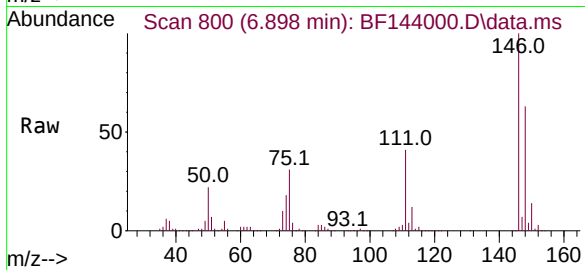
Tgt Ion:146 Resp: 342288

Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

111 41.4 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 46.447 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

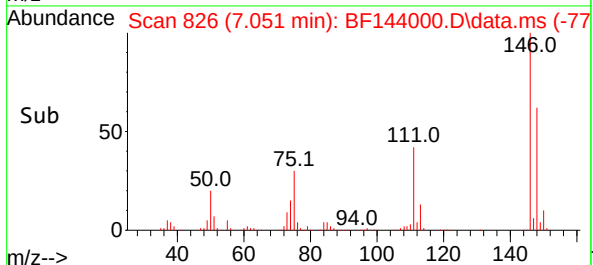
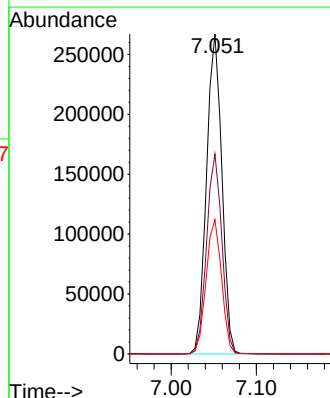
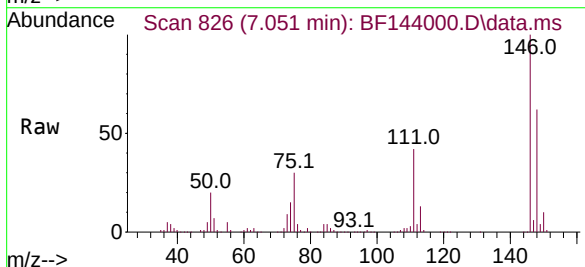
Tgt Ion:146 Resp: 334132

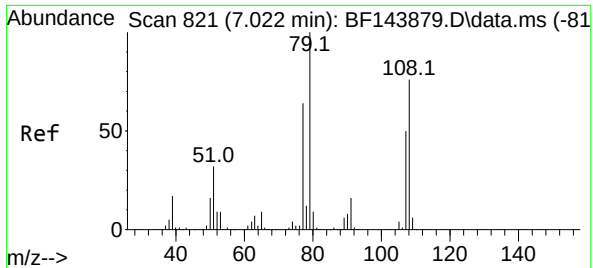
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 42.0 34.6 51.8





#15

Benzyl Alcohol

Concen: 46.914 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

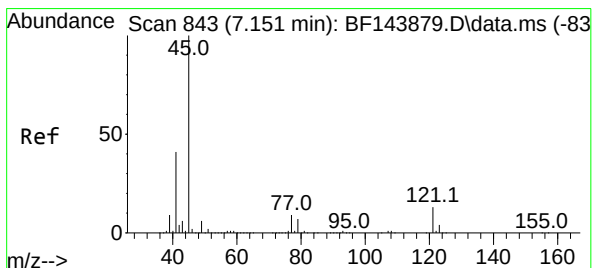
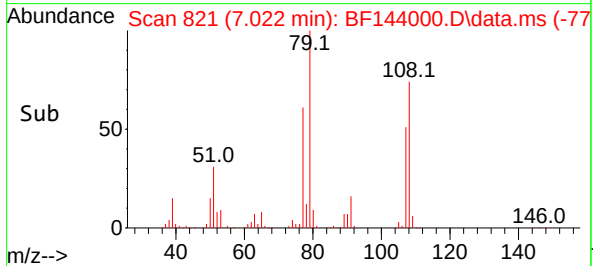
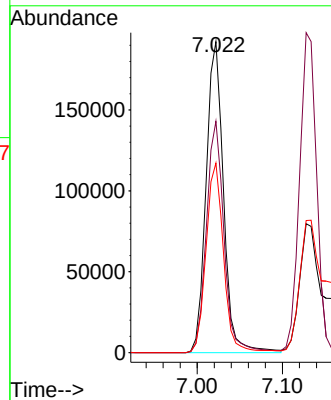
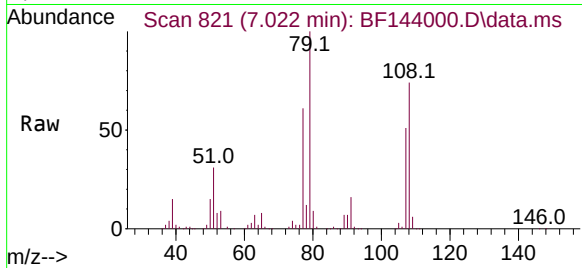
BNA\_F

ClientSampleId :

VNJ-245MS

Tgt Ion: 79 Resp: 272640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 74.4  | 60.8  | 91.2  |
| 77  | 60.9  | 51.0  | 76.6  |



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.856 ng

RT: 7.157 min Scan# 844

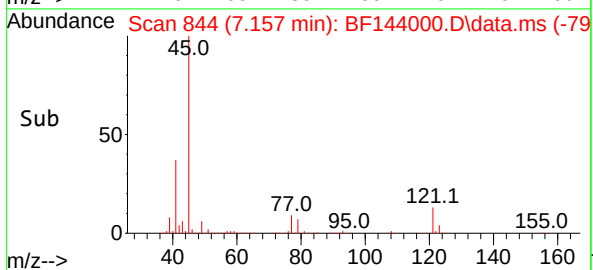
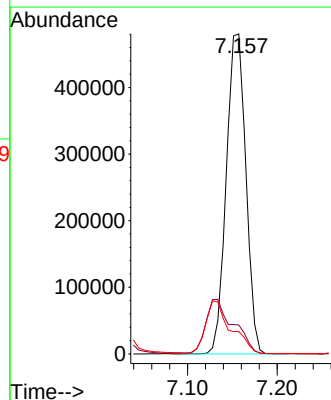
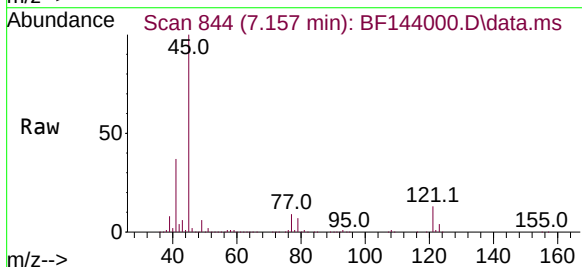
Delta R.T. 0.000 min

Lab File: BF144000.D

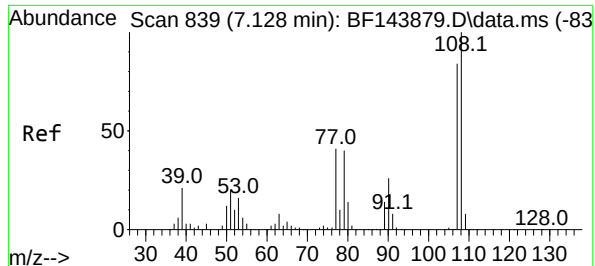
Acq: 20 Oct 2025 15:57

Tgt Ion: 45 Resp: 731362

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 9.0   | 0.0   | 29.0  |
| 79  | 7.0   | 0.0   | 26.8  |



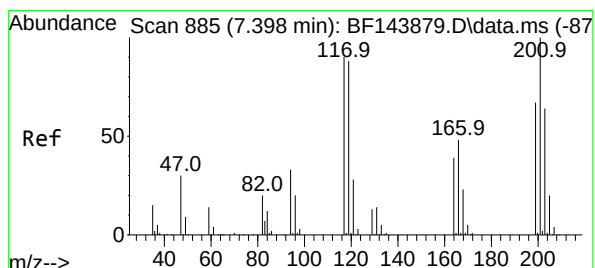
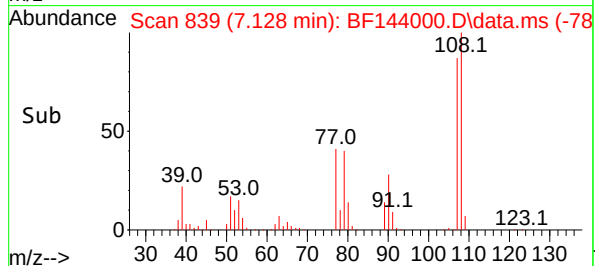
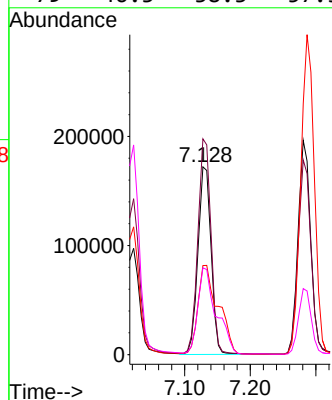
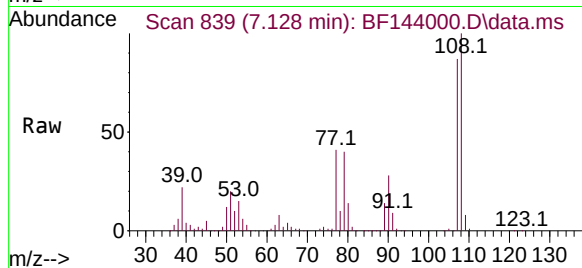




#17  
2-Methylphenol  
Concen: 45.486 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

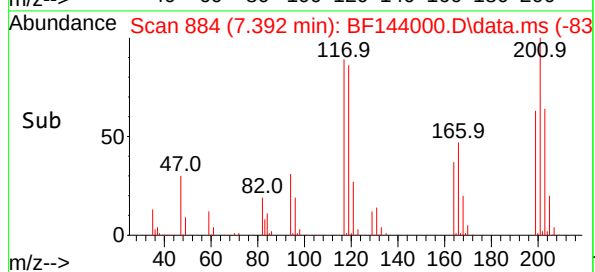
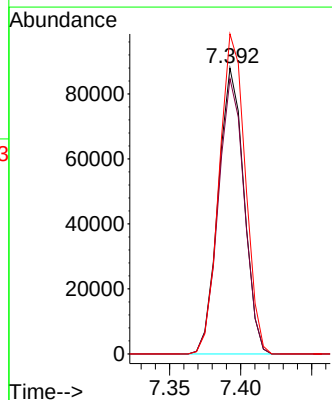
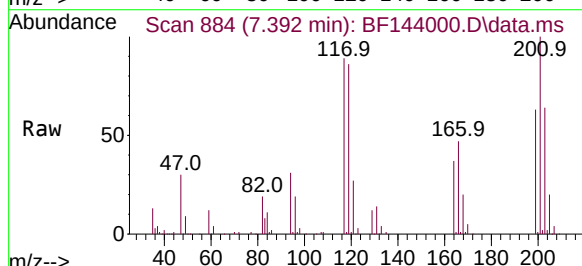
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

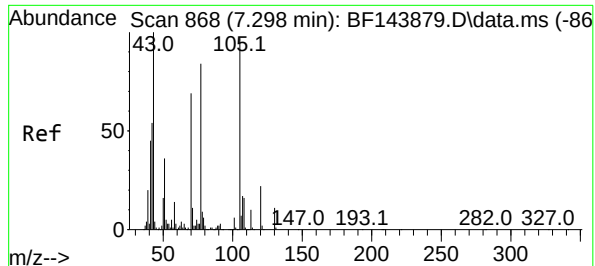
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 239106 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.9 | 94.7  | 142.1  |
| 77       | 47.4  | 38.8  | 58.2   |
| 79       | 46.3  | 38.3  | 57.5   |



#18  
Hexachloroethane  
Concen: 44.183 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 110667 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.3  | 77.8  | 116.8  |
| 201      | 111.9 | 88.5  | 132.7  |





#19

n-Nitroso-di-n-propylamine

Concen: 41.015 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

Tgt Ion: 70 Resp: 217753

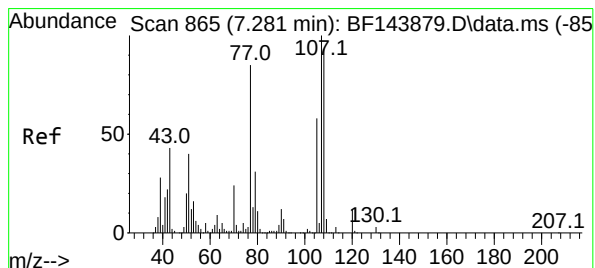
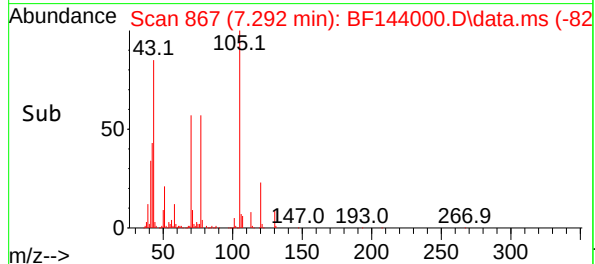
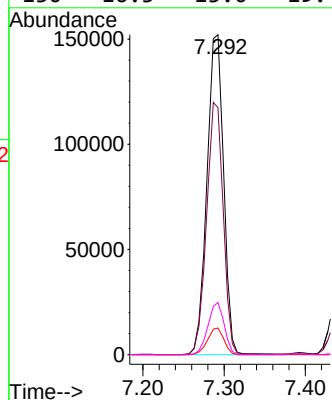
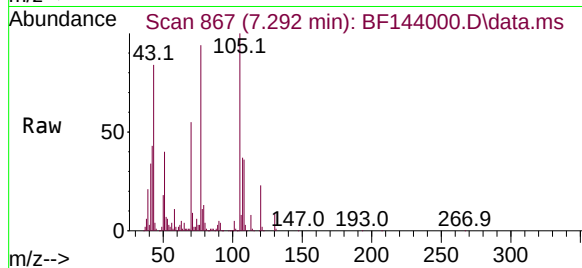
Ion Ratio Lower Upper

70 100

42 77.2 62.8 94.2

101 8.3 6.7 10.1

130 16.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 43.854 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion: 107 Resp: 267179

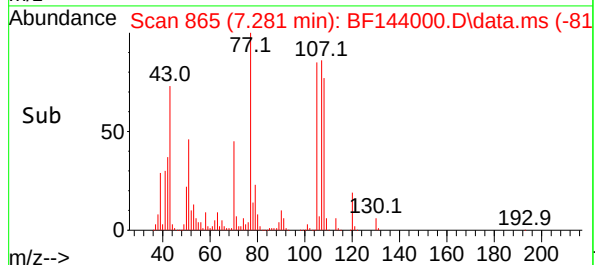
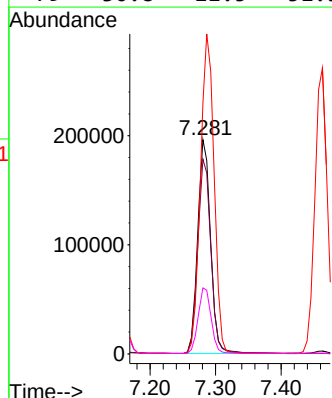
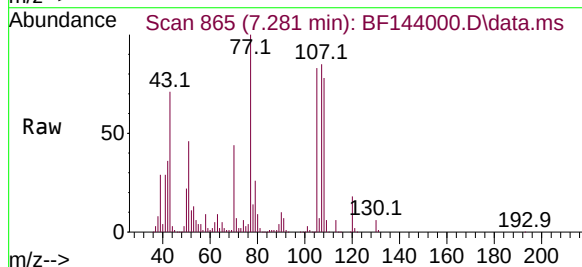
Ion Ratio Lower Upper

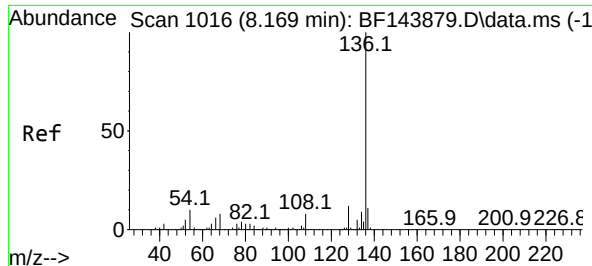
107 100

108 90.9 73.0 113.0

77 117.1 64.6 104.6#

79 30.8 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

Tgt Ion:136 Resp: 382013

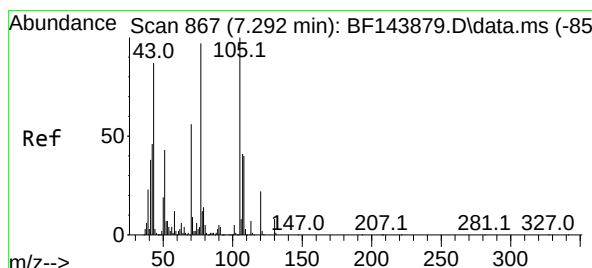
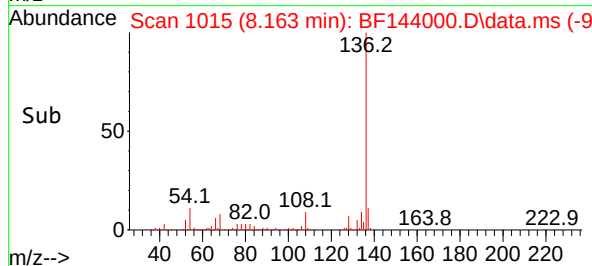
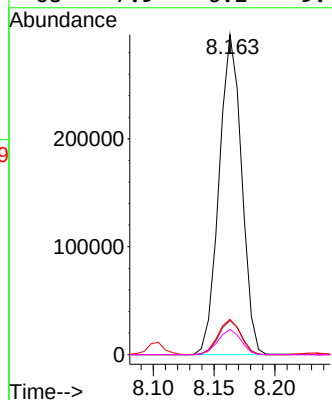
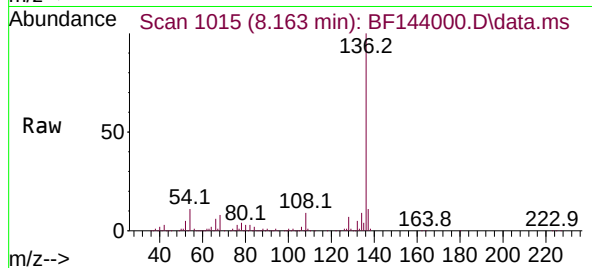
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.0 8.2 12.4

68 7.9 6.2 9.4



#22

Acetophenone

Concen: 49.968 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.017 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion:105 Resp: 403608

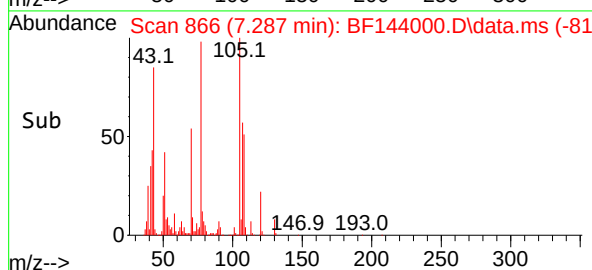
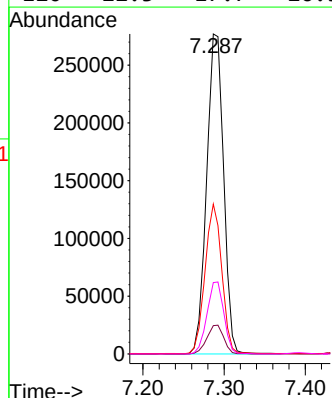
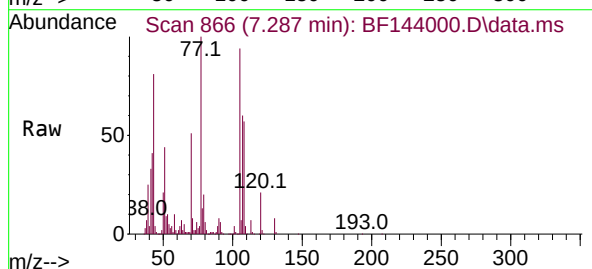
Ion Ratio Lower Upper

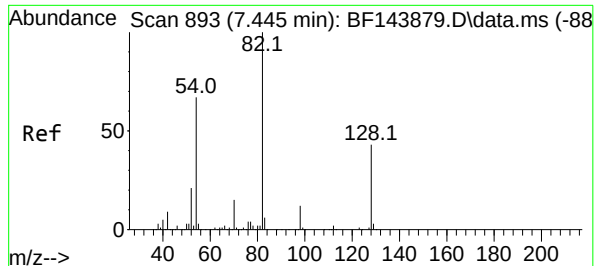
105 100

71 8.8 7.4 11.0

51 46.8 34.2 51.4

120 22.3 17.7 26.5





#23

Nitrobenzene-d5

Concen: 46.082 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

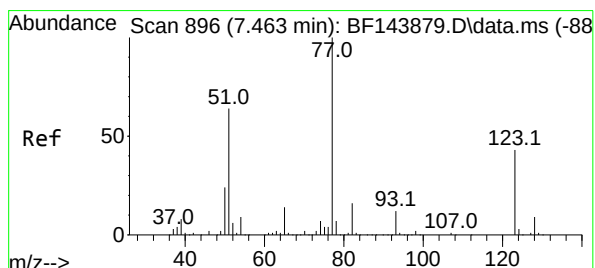
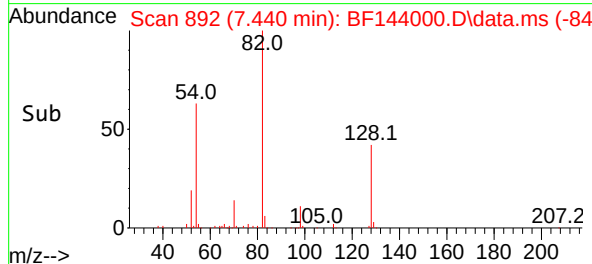
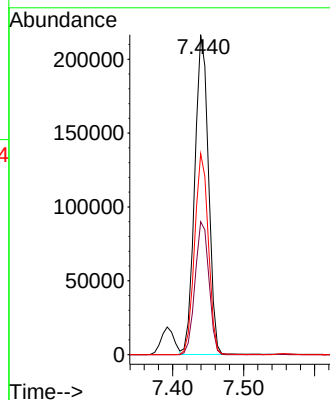
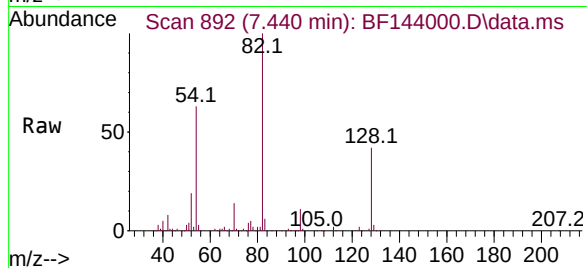
Tgt Ion: 82 Resp: 289756

Ion Ratio Lower Upper

82 100

128 41.5 34.0 51.0

54 62.8 53.2 79.8



#24

Nitrobenzene

Concen: 48.702 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

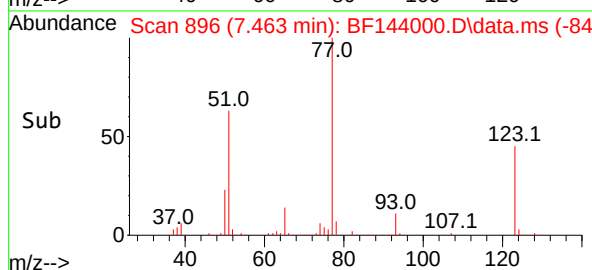
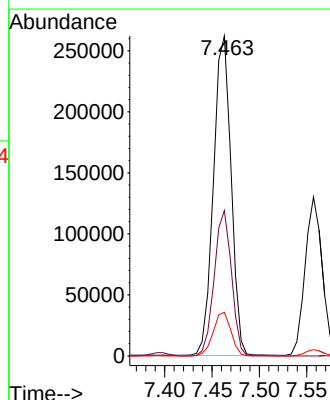
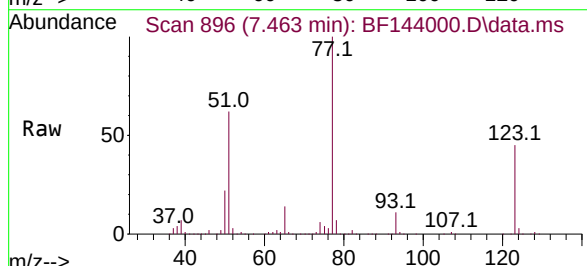
Tgt Ion: 77 Resp: 340069

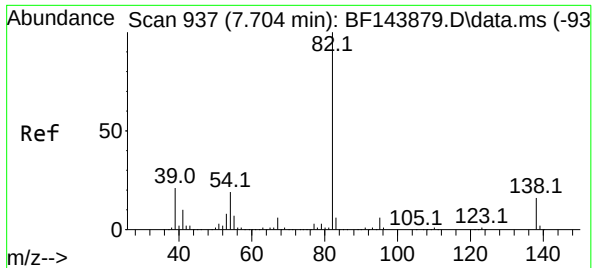
Ion Ratio Lower Upper

77 100

123 45.4 34.2 51.4

65 13.6 11.0 16.6

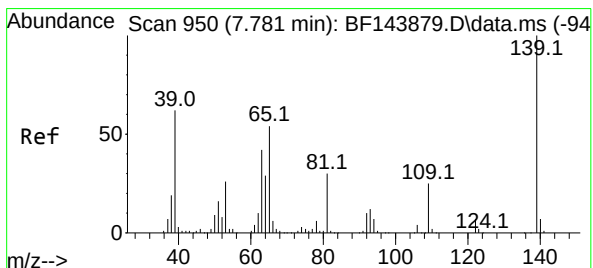
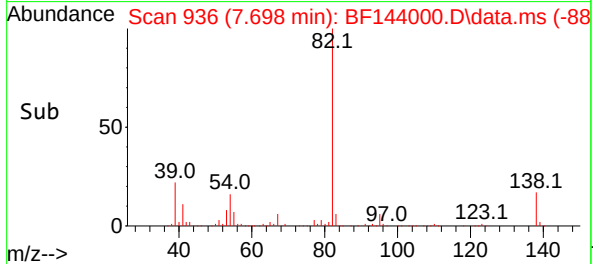
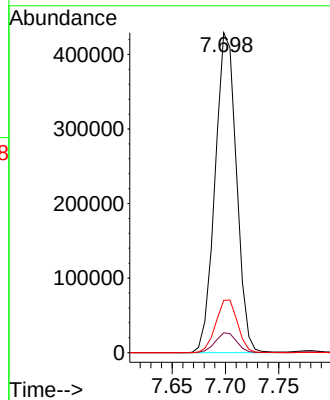
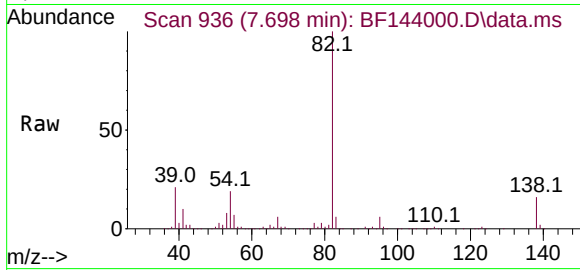




#25  
Isophorone  
Concen: 45.264 ng  
RT: 7.698 min Scan# 937  
Delta R.T. -0.023 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

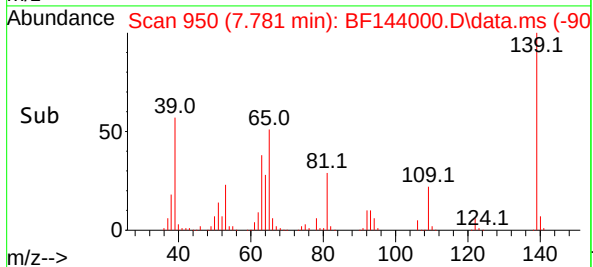
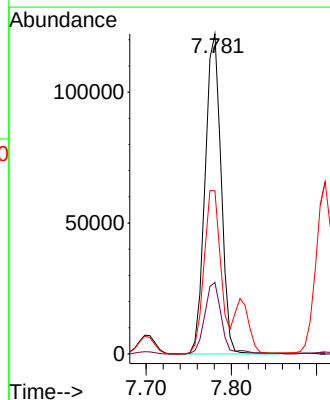
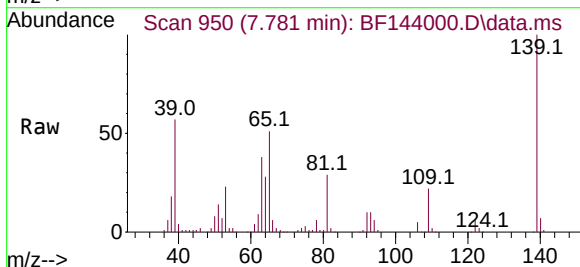
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

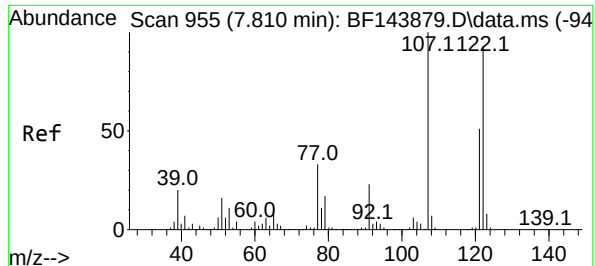
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.2   | 5.1   | 7.7   |
| 138     | 16.3  | 12.9  | 19.3  |



#26  
2-Nitrophenol  
Concen: 53.262 ng  
RT: 7.781 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 22.3  | 19.8  | 29.6  |
| 65      | 51.0  | 42.9  | 64.3  |





#27

2,4-Dimethylphenol

Concen: 50.573 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

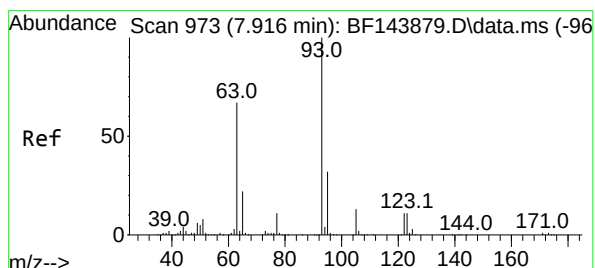
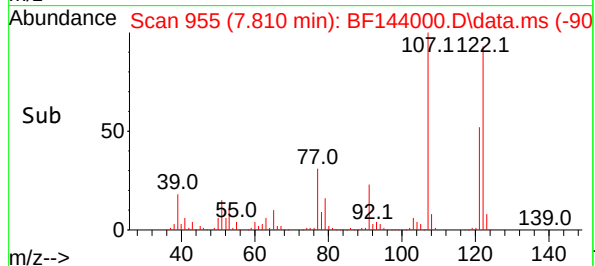
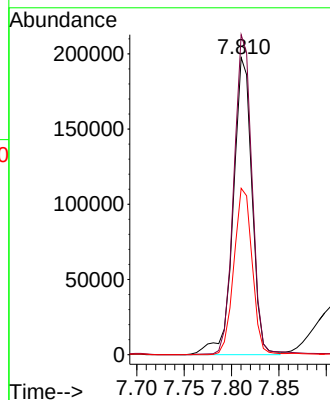
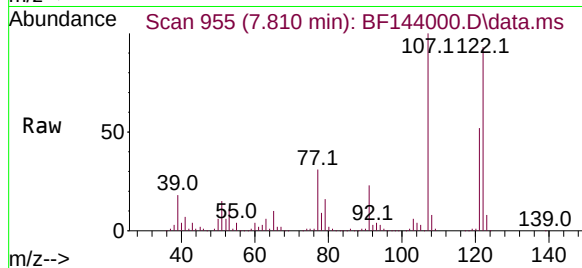
Tgt Ion:122 Resp: 272349

Ion Ratio Lower Upper

122 100

107 107.7 86.1 129.1

121 56.0 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.306 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

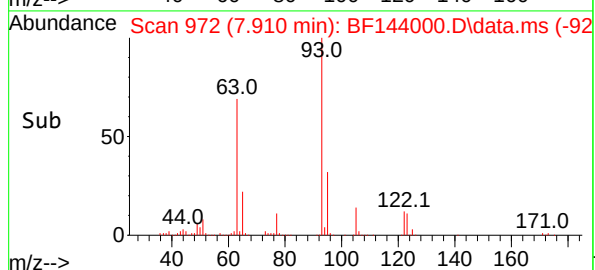
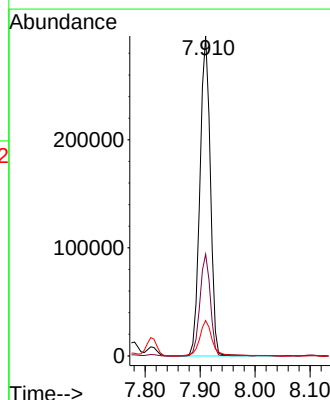
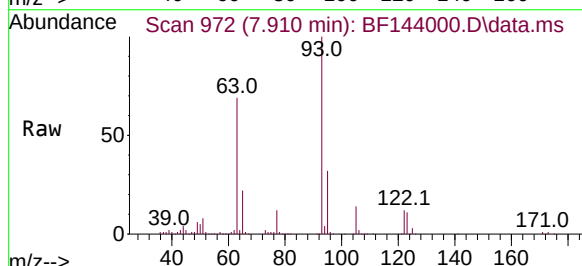
Tgt Ion: 93 Resp: 387810

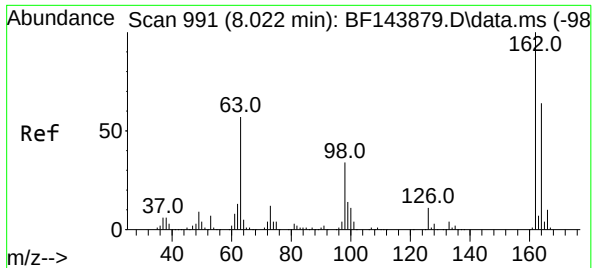
Ion Ratio Lower Upper

93 100

95 31.8 25.9 38.9

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.261 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

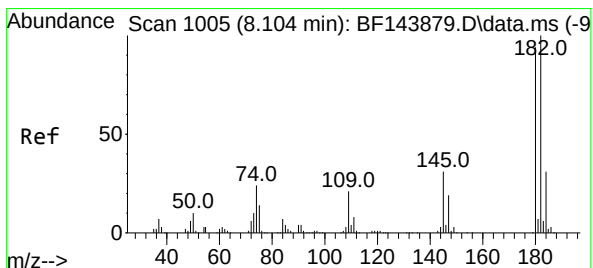
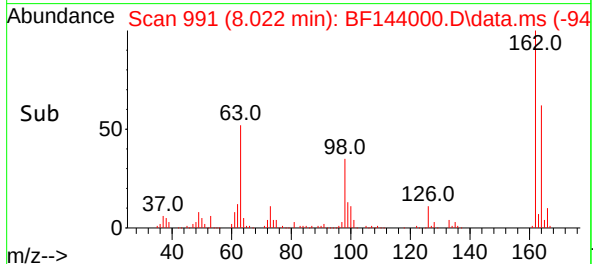
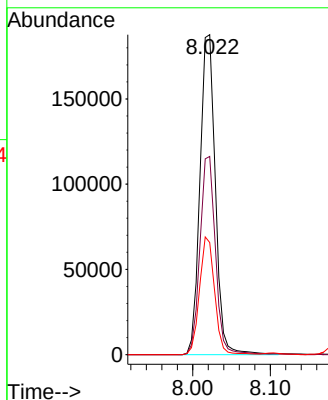
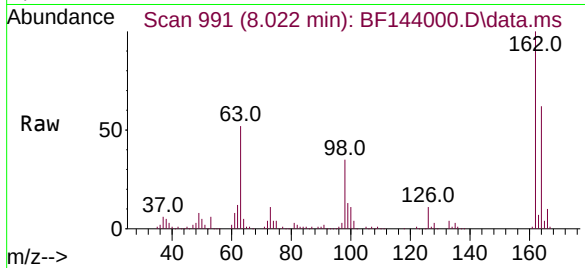
Tgt Ion:162 Resp: 259499

Ion Ratio Lower Upper

162 100

164 61.9 43.9 83.9

98 35.0 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 48.932 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

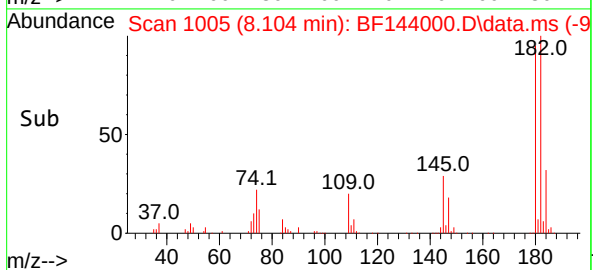
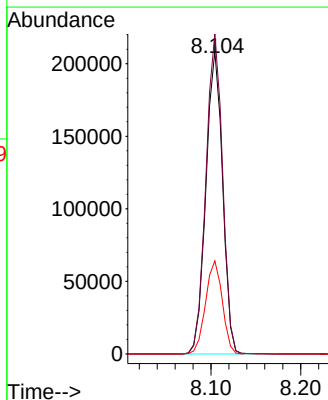
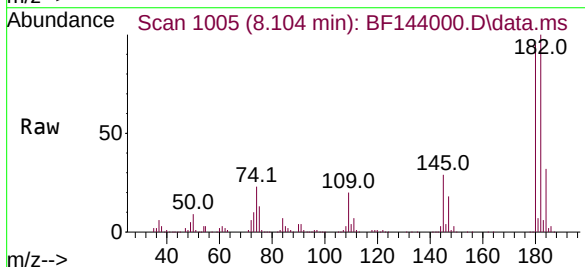
Tgt Ion:180 Resp: 269947

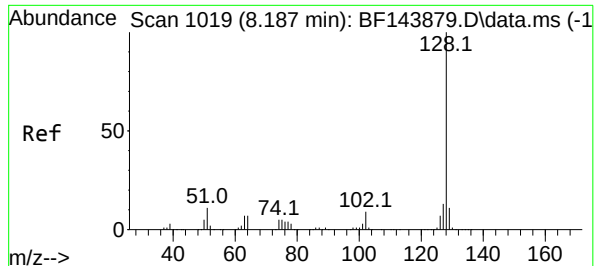
Ion Ratio Lower Upper

180 100

182 105.7 85.4 128.0

145 30.7 26.3 39.5





#31

Naphthalene

Concen: 45.855 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

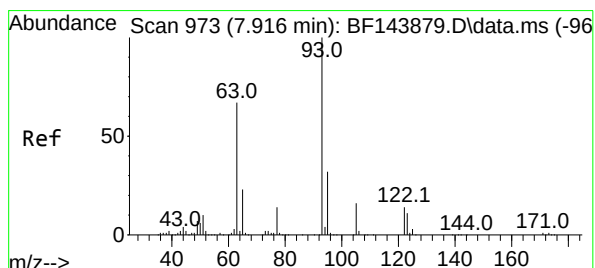
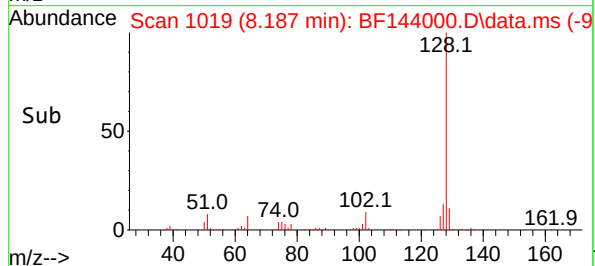
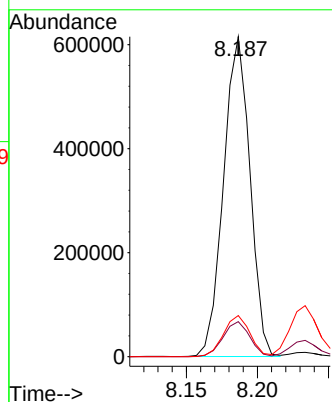
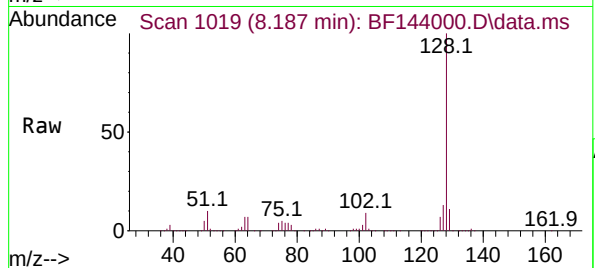
Tgt Ion:128 Resp: 796848

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.8 10.0 15.0



#32

Benzoic acid

Concen: 43.417 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

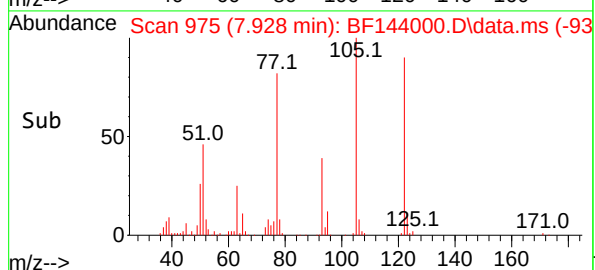
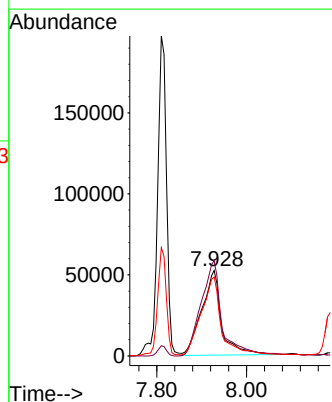
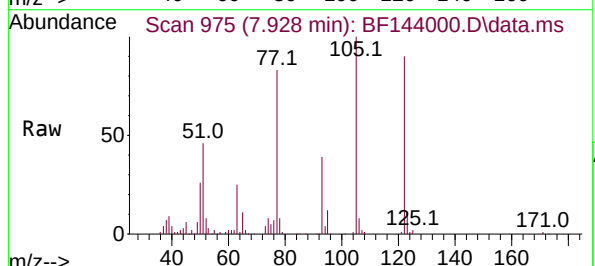
Tgt Ion:122 Resp: 161816

Ion Ratio Lower Upper

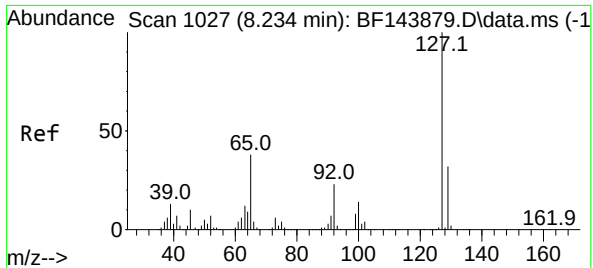
122 100

105 111.5 93.5 133.5

77 92.4 76.3 116.3



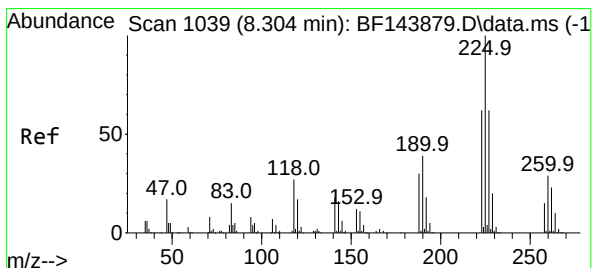
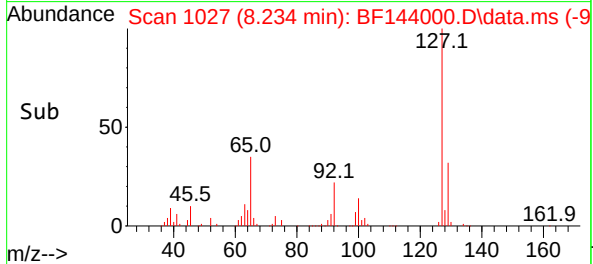
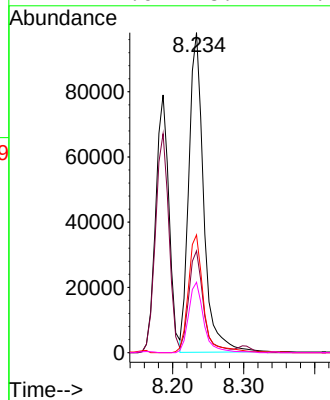
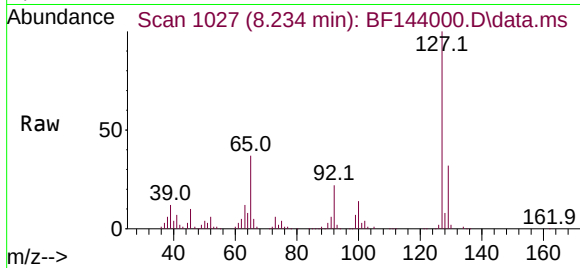




#33  
4-Chloroaniline  
Concen: 21.892 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

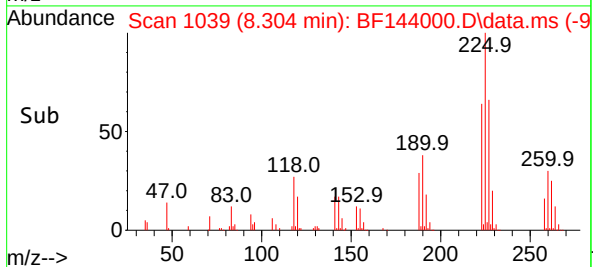
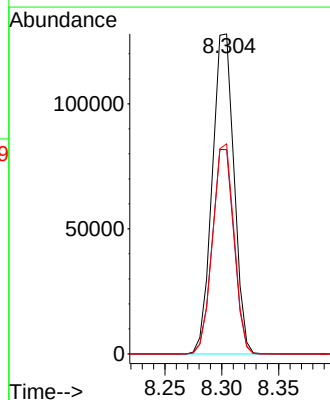
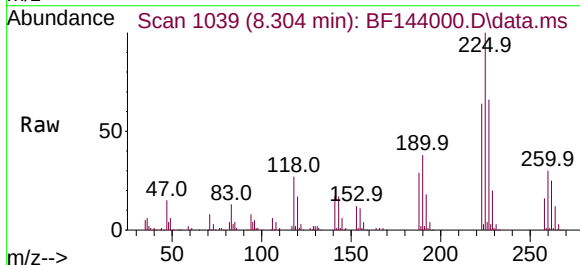
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

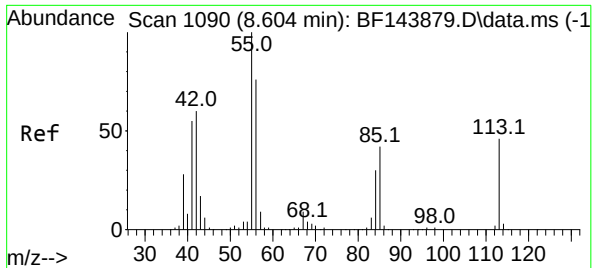
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 142681 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 25.8  | 38.8   |
| 65       | 36.8  | 30.0  | 45.0   |
| 92       | 22.0  | 18.2  | 27.2   |



#34  
Hexachlorobutadiene  
Concen: 44.436 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 170350 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.8  | 49.4  | 74.2   |
| 227      | 65.6  | 49.7  | 74.5   |

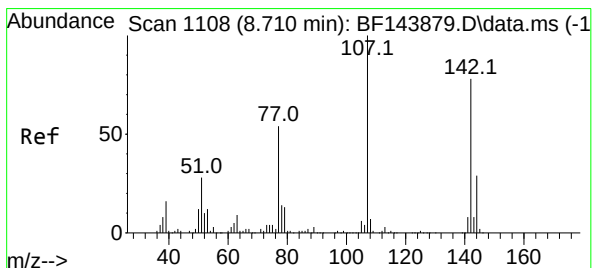
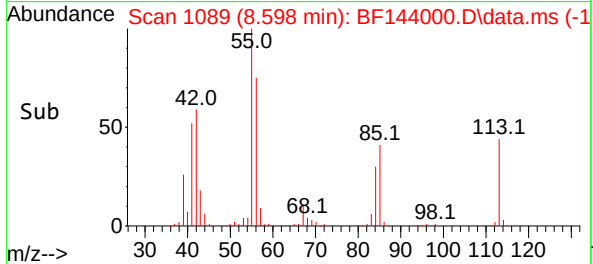
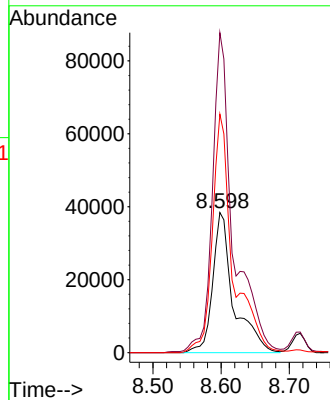
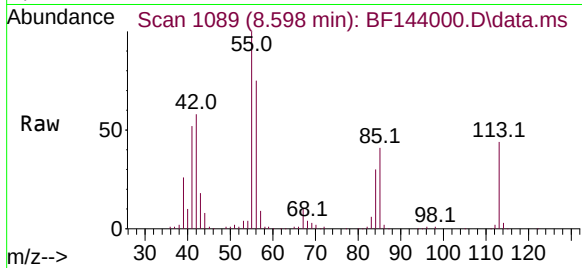




#35  
Caprolactam  
Concen: 45.664 ng  
RT: 8.598 min Scan# 1089  
Delta R.T. -0.047 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

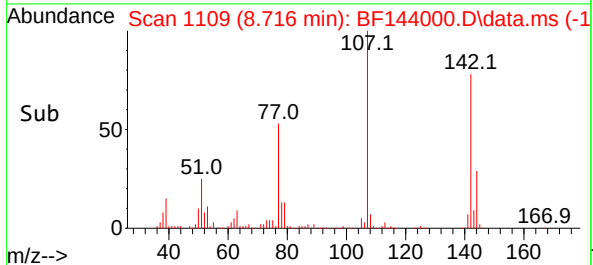
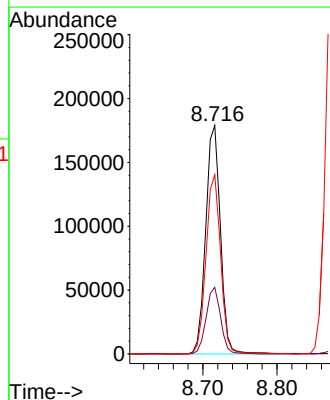
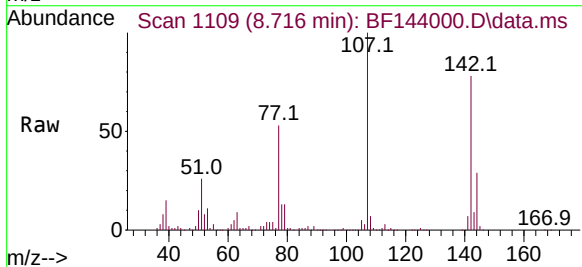
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

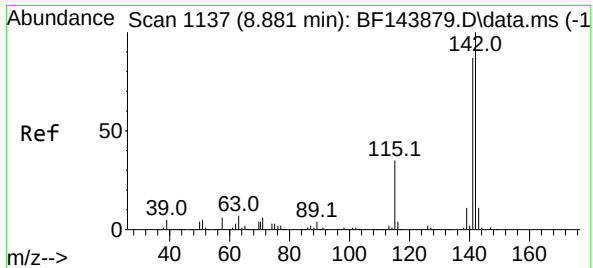
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 228.5 | 199.6 | 239.6 |
| 56      | 170.3 | 146.0 | 186.0 |



#36  
4-Chloro-3-methylphenol  
Concen: 45.684 ng  
RT: 8.716 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 29.1  | 23.1  | 34.7  |
| 142     | 78.5  | 62.6  | 94.0  |

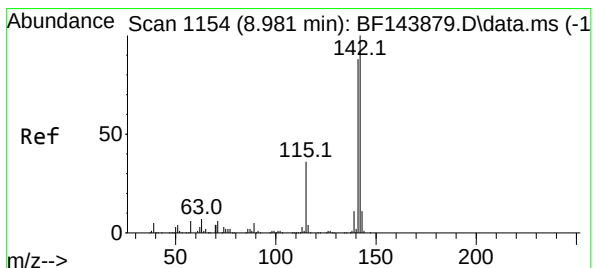
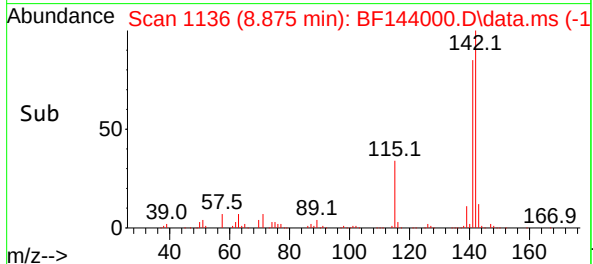
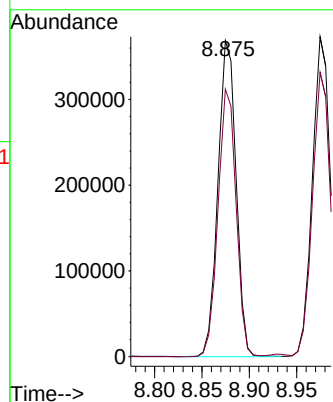
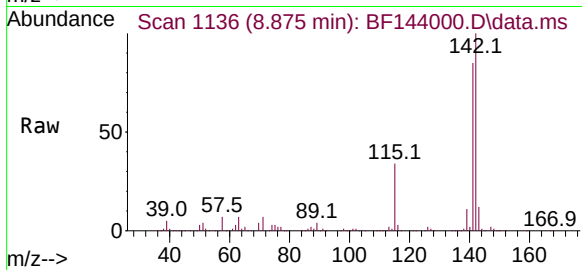




#37  
2-Methylnaphthalene  
Concen: 42.286 ng  
RT: 8.875 min Scan# 1136  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

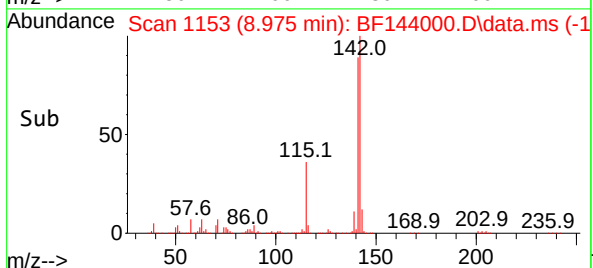
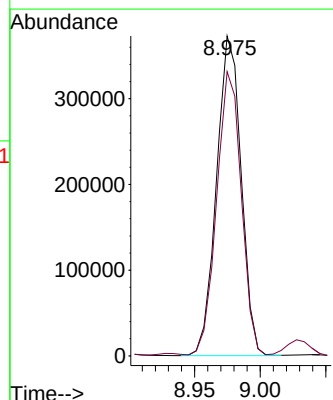
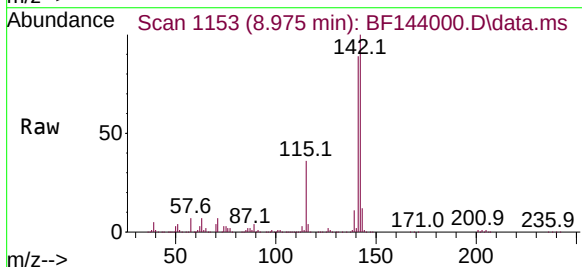
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

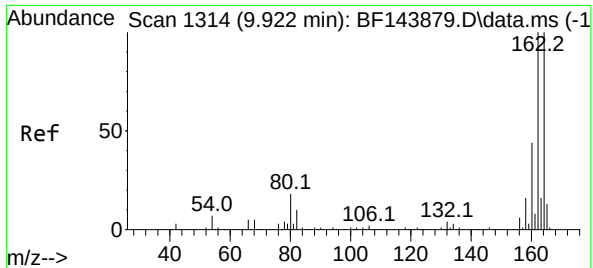
Tgt Ion:142 Resp: 489487  
Ion Ratio Lower Upper  
142 100  
141 84.7 69.2 103.8



#38  
1-Methylnaphthalene  
Concen: 43.496 ng  
RT: 8.975 min Scan# 1153  
Delta R.T. -0.011 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:142 Resp: 488367  
Ion Ratio Lower Upper  
142 100  
141 88.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144000.D

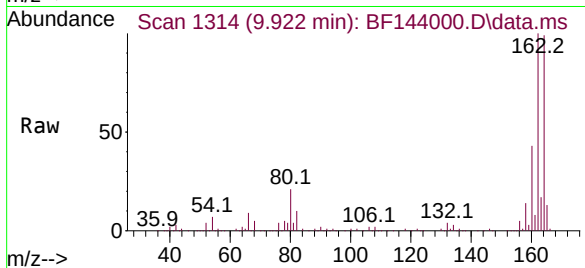
Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS



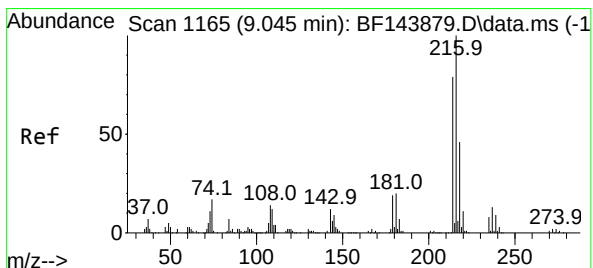
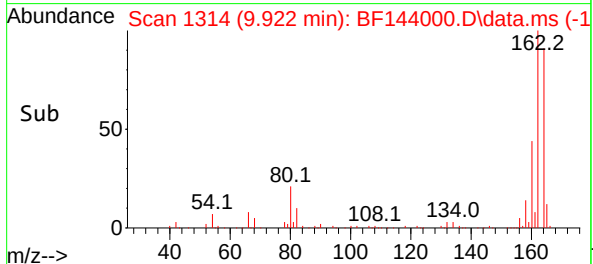
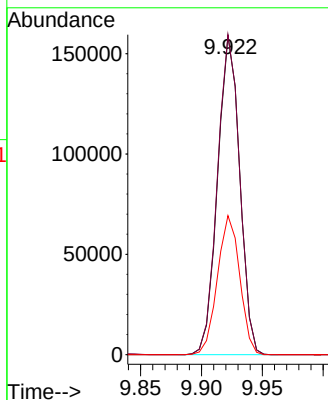
Tgt Ion:164 Resp: 200713

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

160 43.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.276 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion:216 Resp: 284451

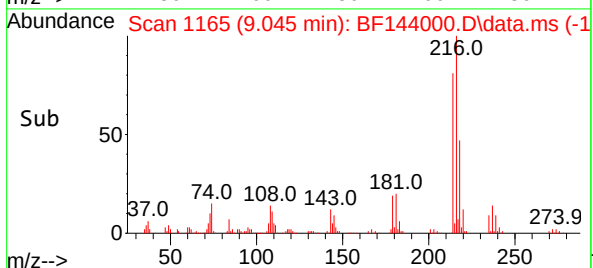
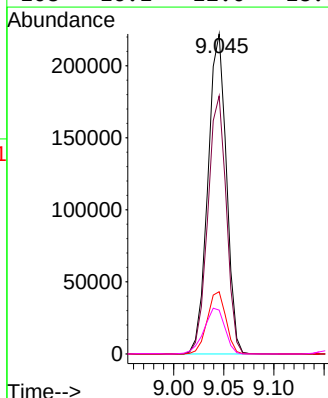
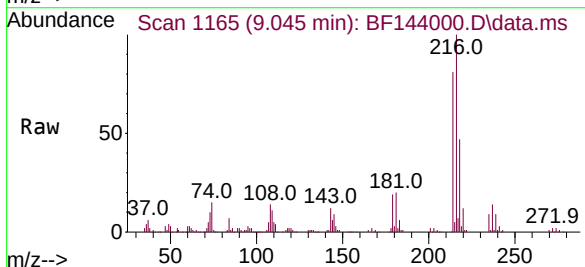
Ion Ratio Lower Upper

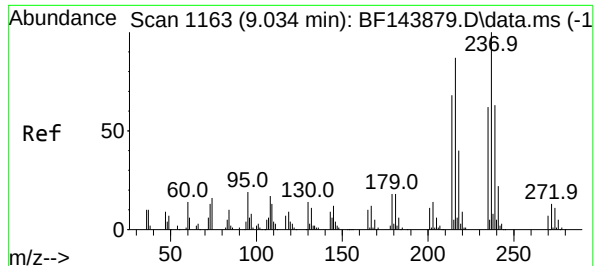
216 100

214 80.5 62.6 94.0

179 19.6 15.4 23.0

108 16.1 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 98.605 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

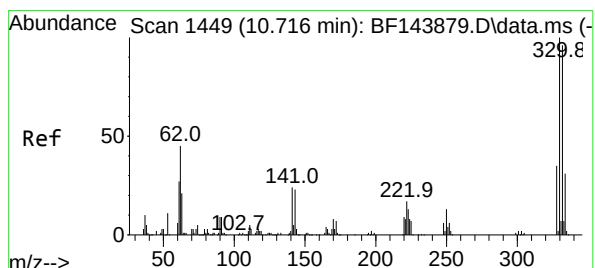
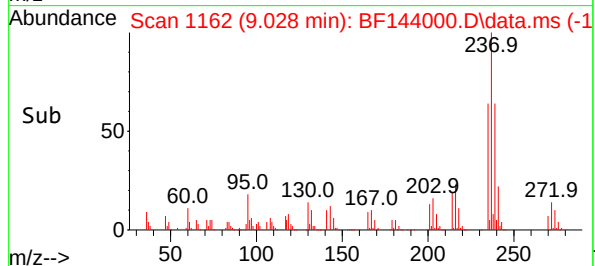
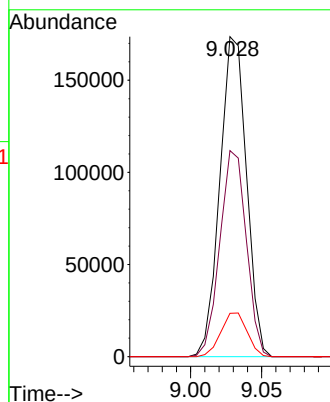
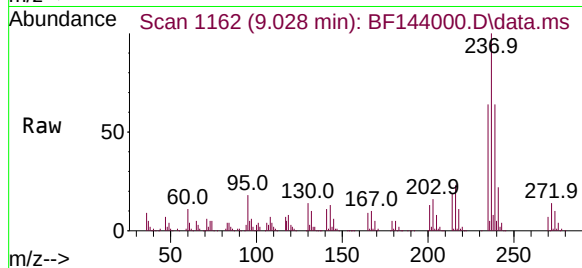
Tgt Ion:237 Resp: 226930

Ion Ratio Lower Upper

237 100

235 64.4 42.3 82.3

272 13.5 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 59.505 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

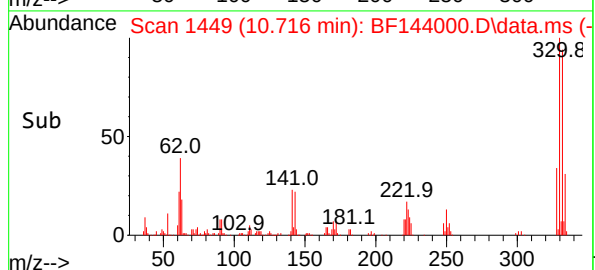
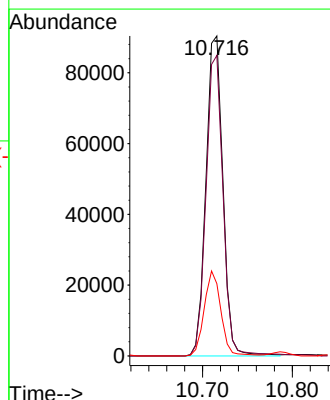
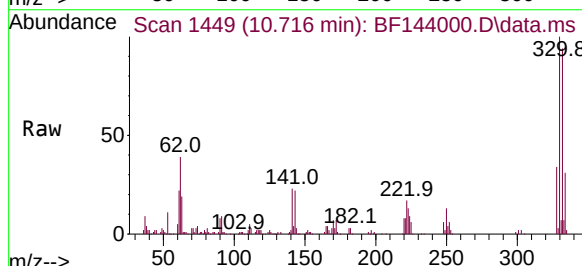
Tgt Ion:330 Resp: 118959

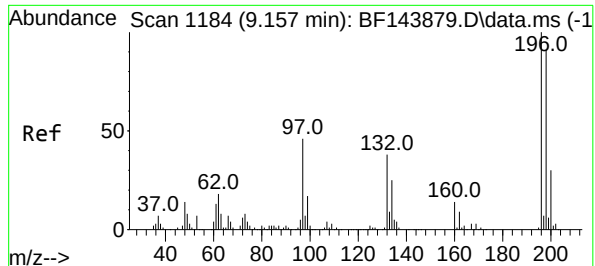
Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

141 26.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 46.890 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

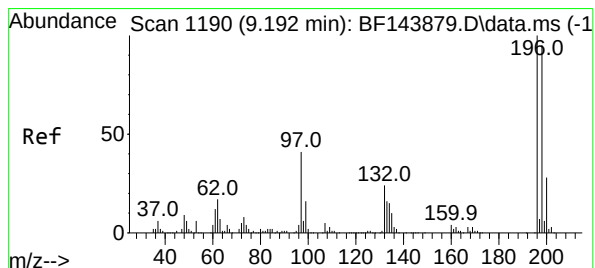
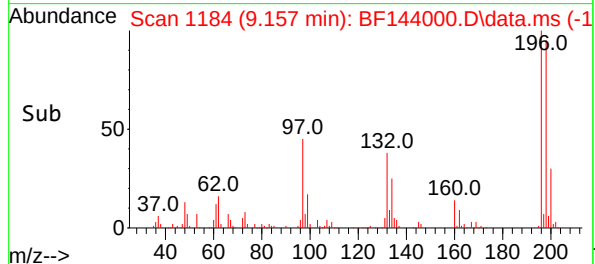
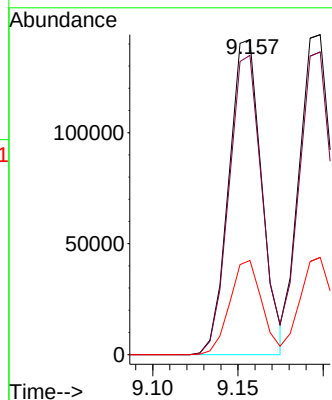
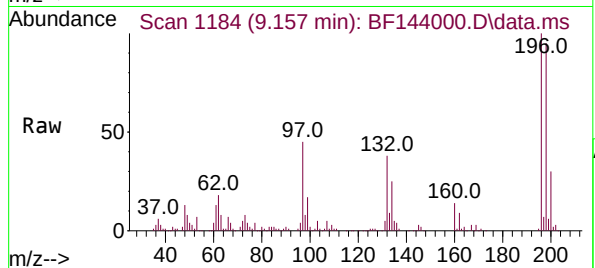
Tgt Ion:196 Resp: 190058

Ion Ratio Lower Upper

196 100

198 95.0 72.8 109.2

200 29.9 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 46.753 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Tgt Ion:196 Resp: 200259

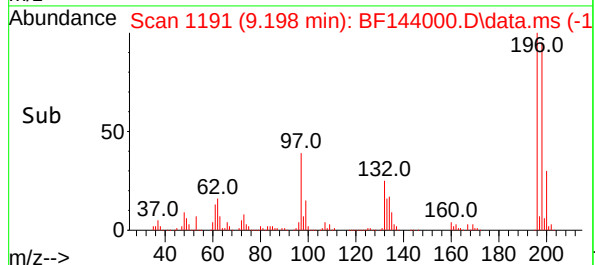
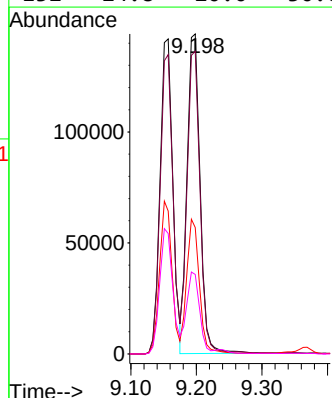
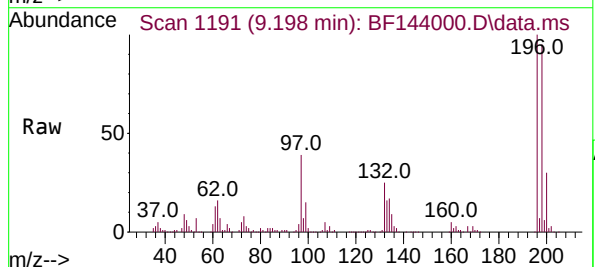
Ion Ratio Lower Upper

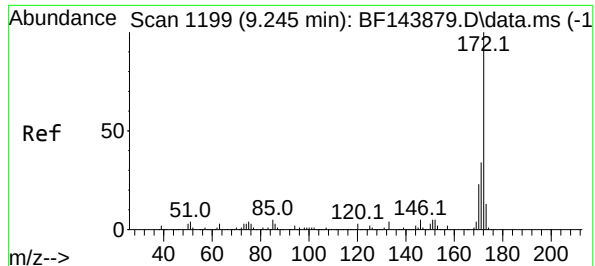
196 100

198 94.6 75.5 113.3

97 39.5 33.9 50.9

132 24.8 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 32.402 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

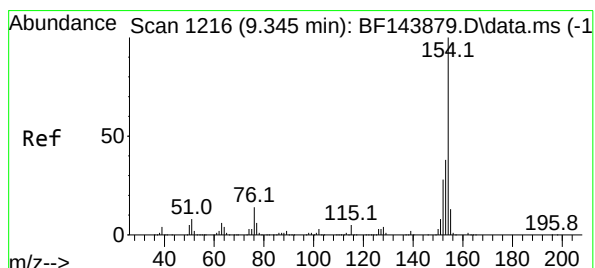
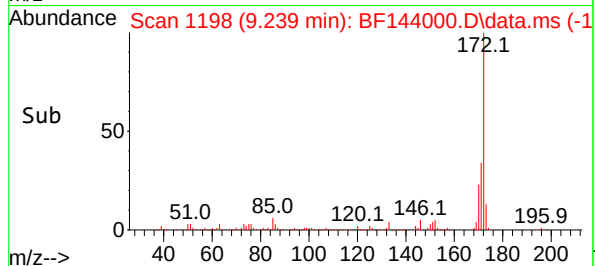
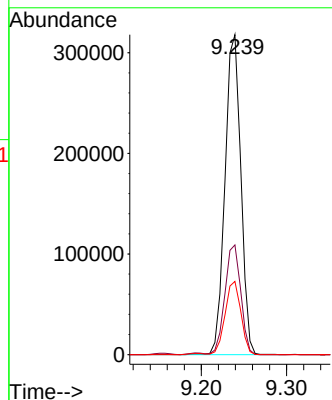
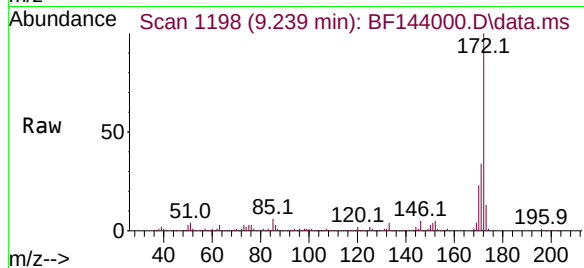
Tgt Ion:172 Resp: 409869

Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 22.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 51.087 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

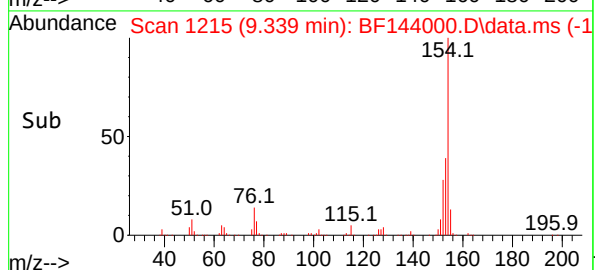
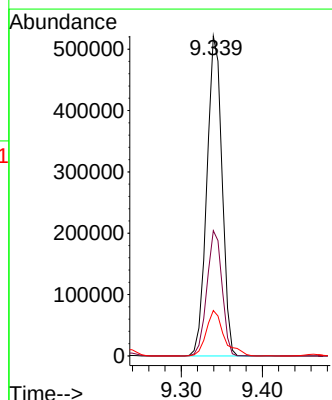
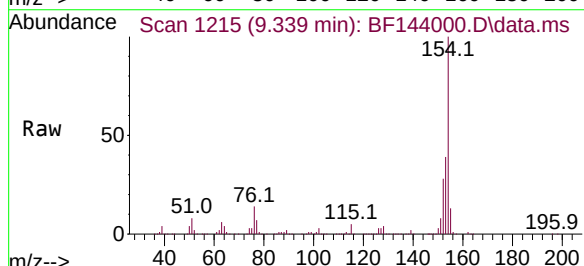
Tgt Ion:154 Resp: 678896

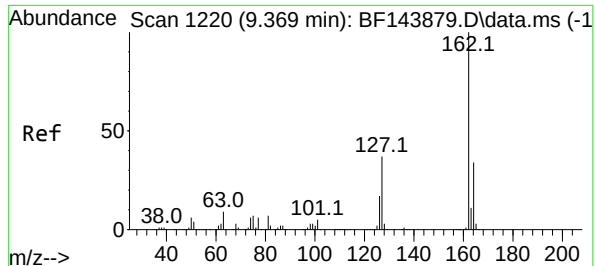
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 14.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.276 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

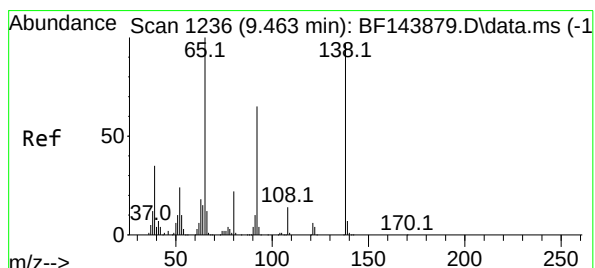
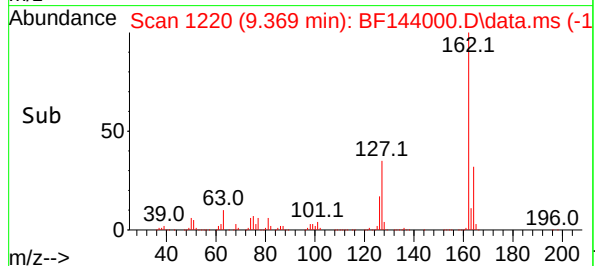
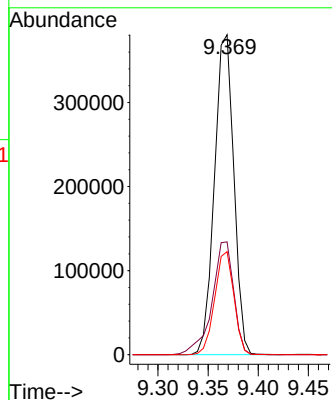
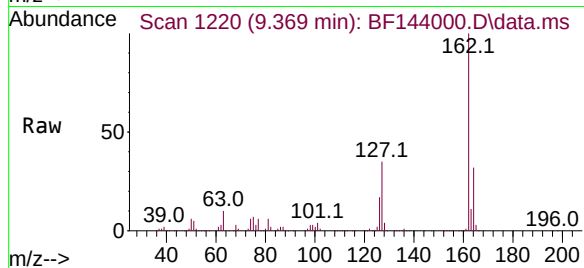
Tgt Ion:162 Resp: 512730

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

164 32.2 26.9 40.3



#48

2-Nitroaniline

Concen: 50.193 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

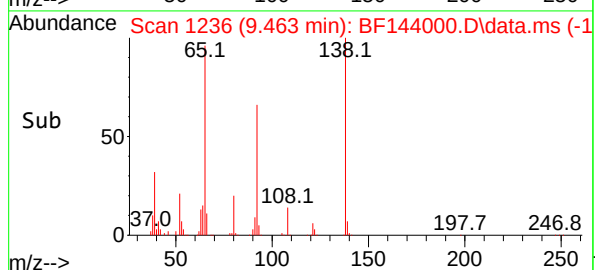
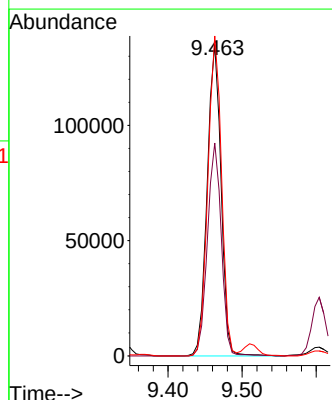
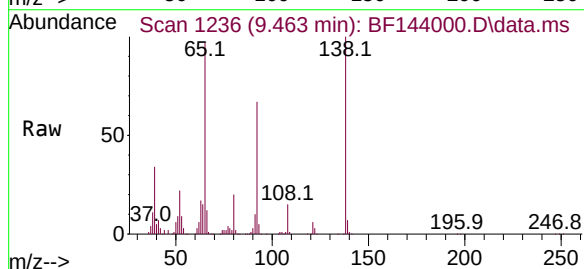
Tgt Ion: 65 Resp: 175824

Ion Ratio Lower Upper

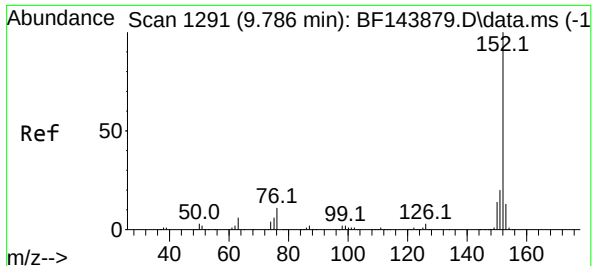
65 100

92 68.4 52.1 78.1

138 102.7 77.4 116.2







#49

Acenaphthylene

Concen: 51.961 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

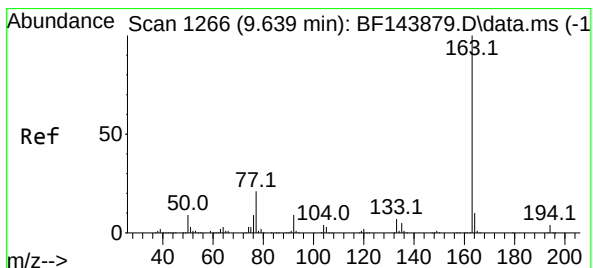
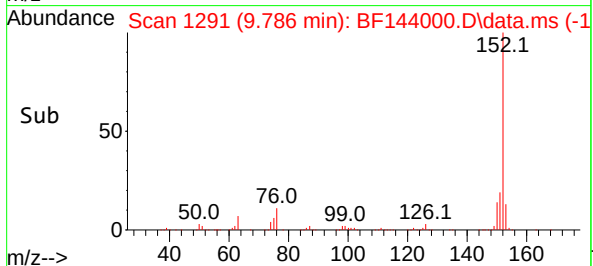
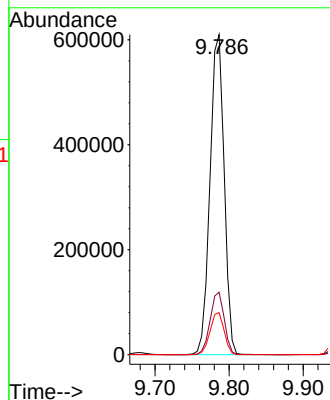
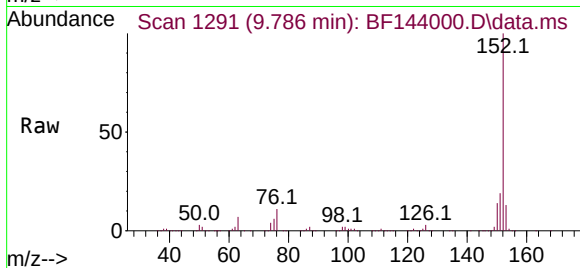
Tgt Ion:152 Resp: 809376

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 46.876 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

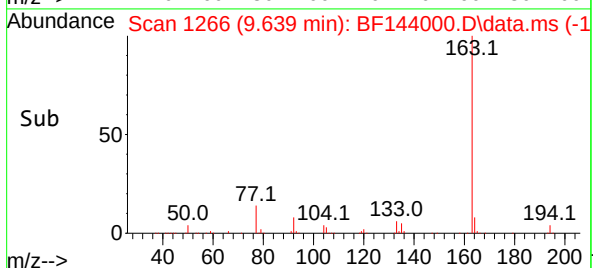
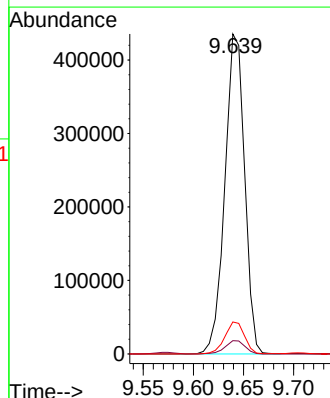
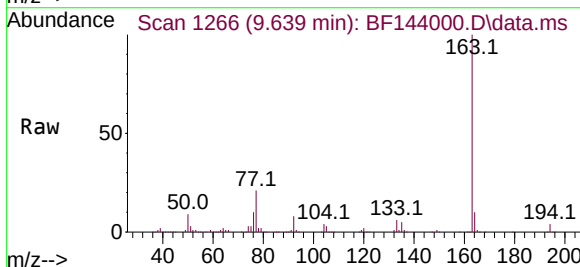
Tgt Ion:163 Resp: 597488

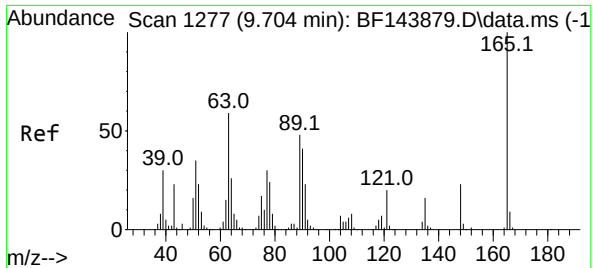
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.1 12.1

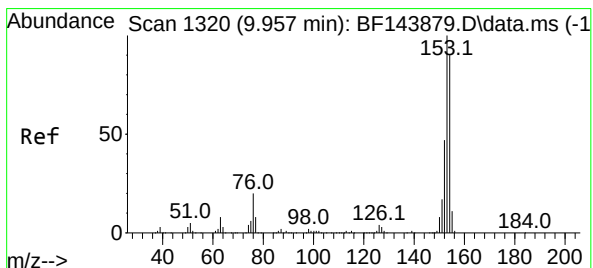
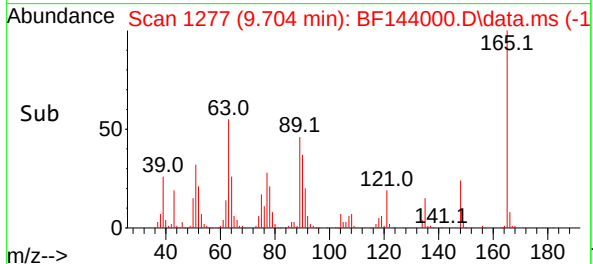
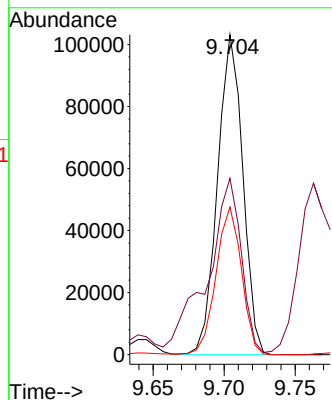
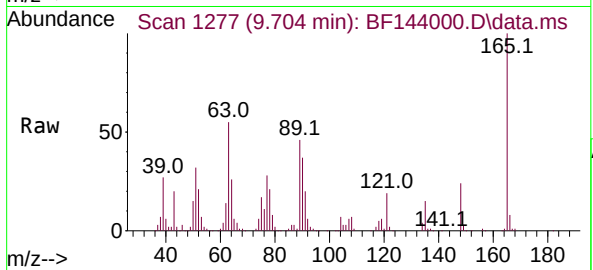




#51  
2,6-Dinitrotoluene  
Concen: 54.095 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

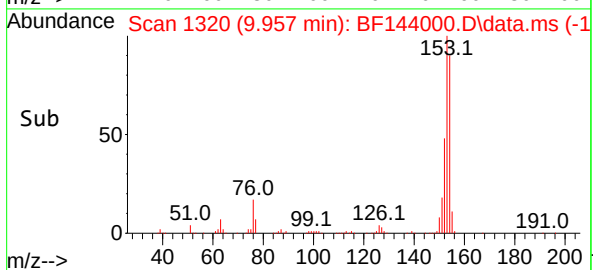
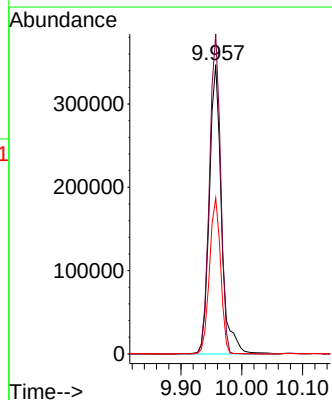
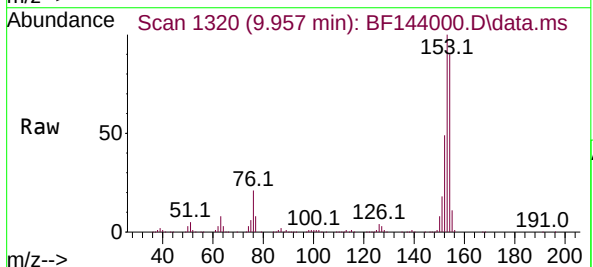
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

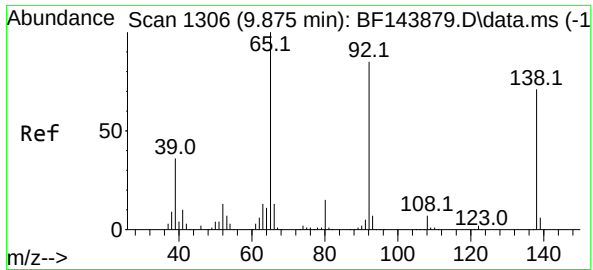
Tgt Ion:165 Resp: 127854  
Ion Ratio Lower Upper  
165 100  
63 55.1 47.3 70.9  
89 46.1 38.2 57.4



#52  
Acenaphthene  
Concen: 46.884 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:154 Resp: 478527  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.3 133.9  
152 53.9 42.2 63.2

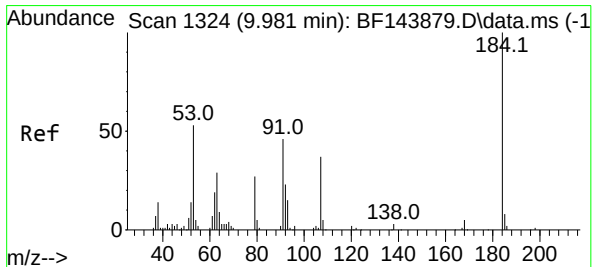
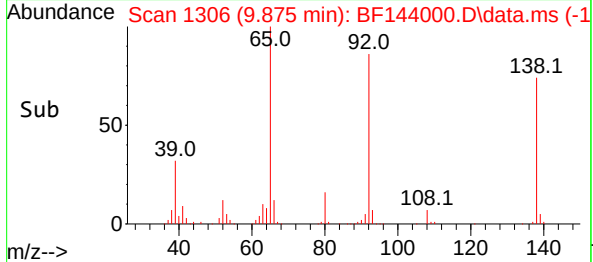
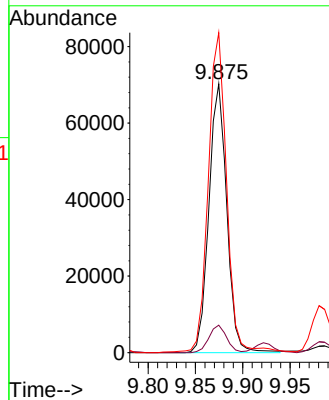
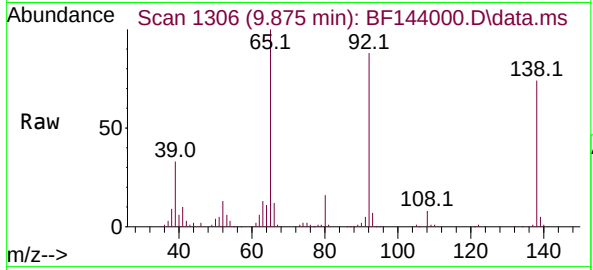




#53  
3-Nitroaniline  
Concen: 31.894 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

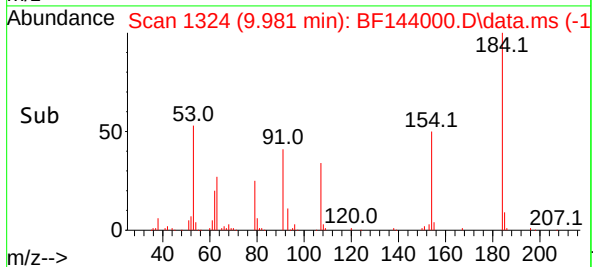
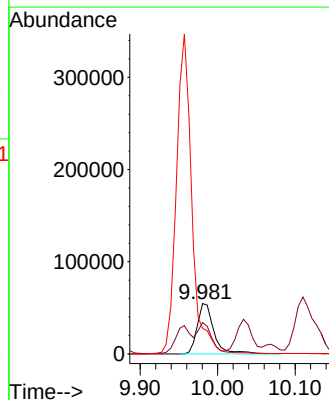
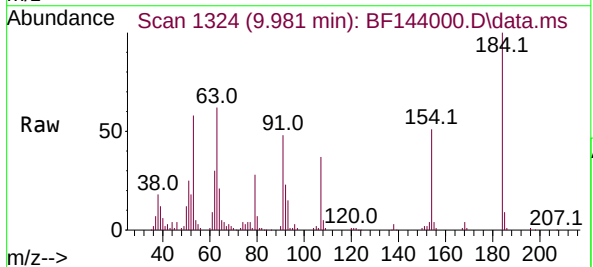
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

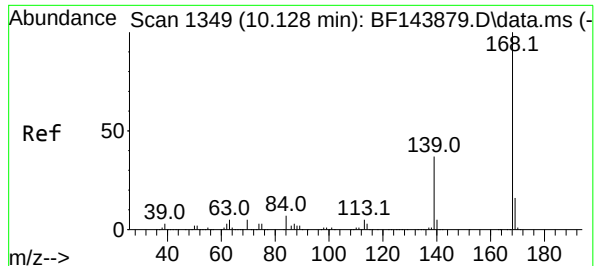
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 8.3   | 12.5  |
| 92      | 119.1 | 96.2  | 144.2 |



#54  
2,4-Dinitrophenol  
Concen: 58.200 ng  
RT: 9.981 min Scan# 1324  
Delta R.T. -0.005 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 62.3  | 48.2  | 72.4  |
| 154     | 50.8  | 49.2  | 73.8  |





#55

Dibenzofuran

Concen: 46.912 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

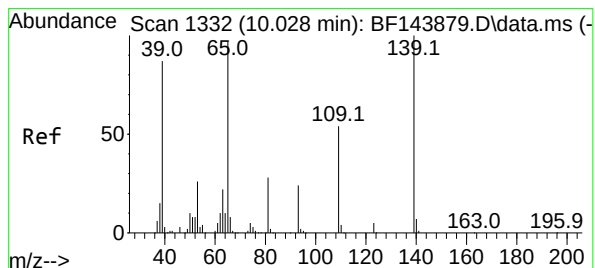
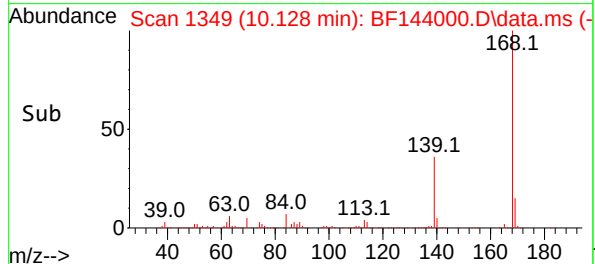
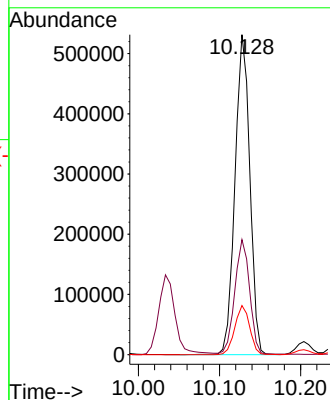
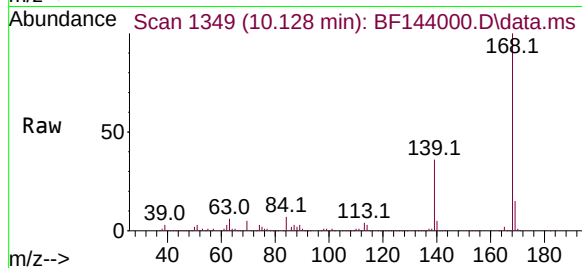
Tgt Ion:168 Resp: 675911

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.8

169 15.4 12.8 19.2



#56

4-Nitrophenol

Concen: 85.060 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

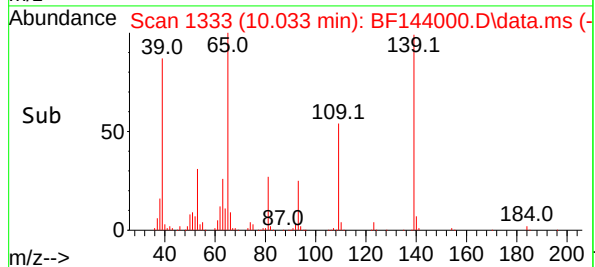
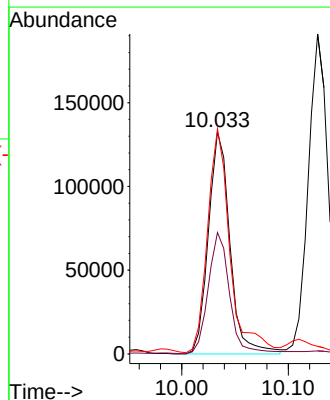
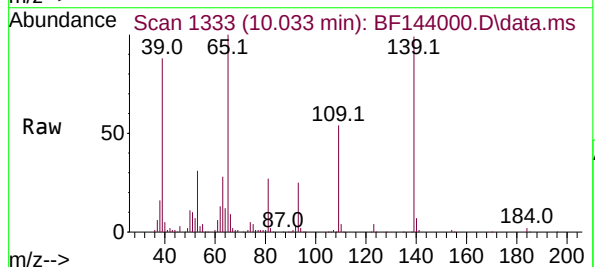
Tgt Ion:139 Resp: 186388

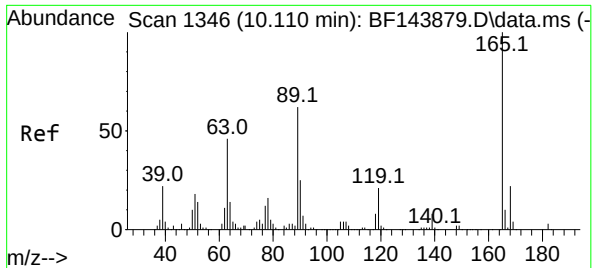
Ion Ratio Lower Upper

139 100

109 54.6 34.5 74.5

65 101.4 77.6 117.6

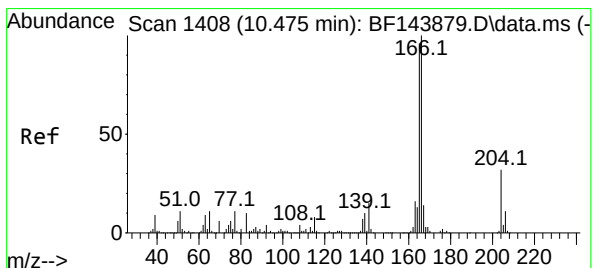
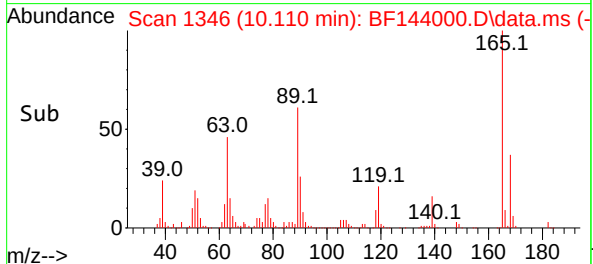
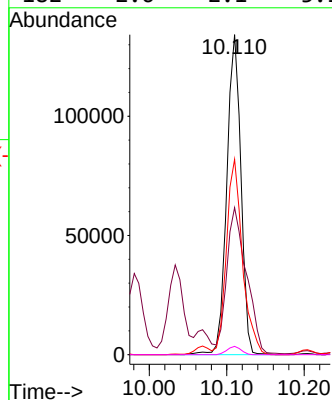
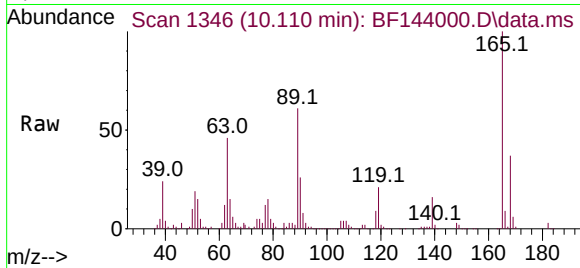




#57  
2,4-Dinitrotoluene  
Concen: 52.914 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

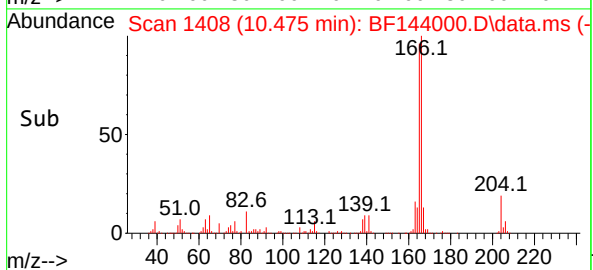
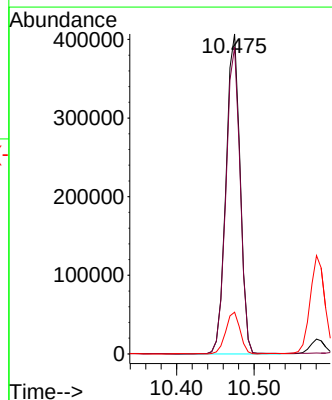
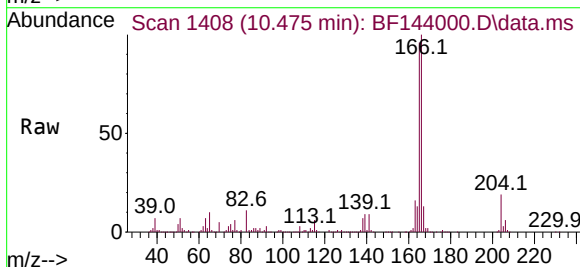
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

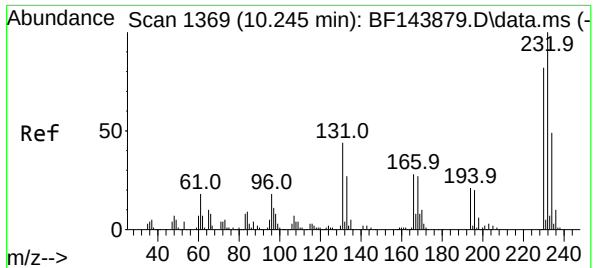
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.9  | 37.2  | 55.8  |
| 89      | 61.0  | 49.4  | 74.2  |
| 182     | 2.6   | 2.1   | 3.1   |



#58  
Fluorene  
Concen: 47.503 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 95.9  | 77.0  | 115.6 |
| 167     | 13.0  | 11.1  | 16.7  |

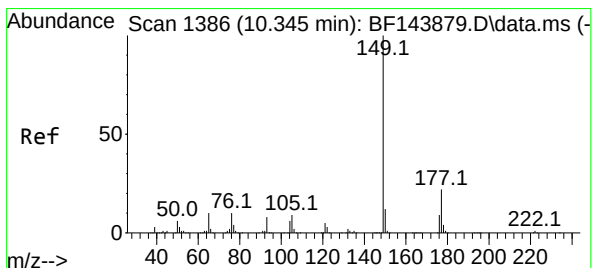
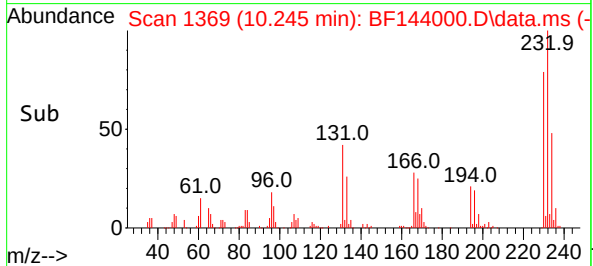
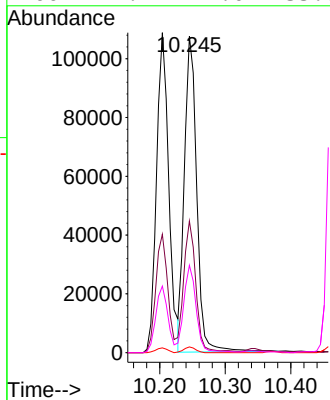
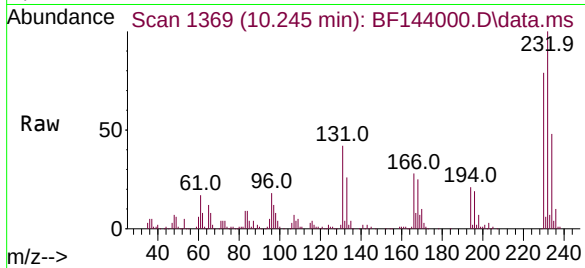




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.581 ng  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

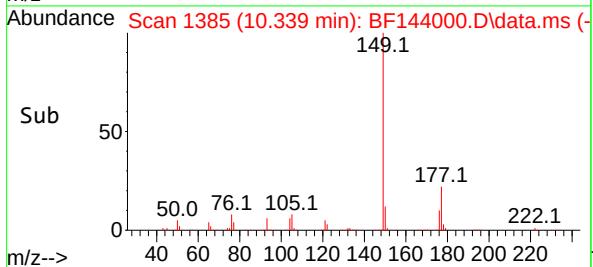
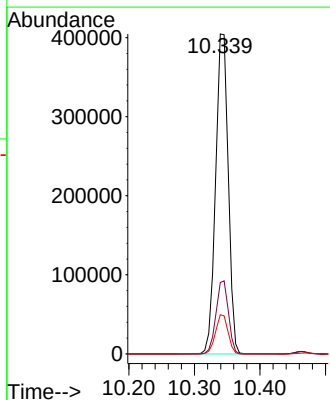
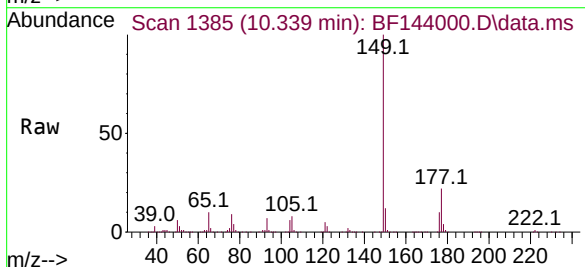
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

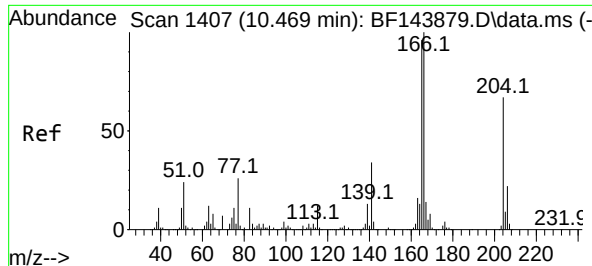
Tgt Ion:232 Resp: 141238  
Ion Ratio Lower Upper  
232 100  
131 41.4 34.9 52.3  
130 1.7 1.6 2.4  
166 27.4 22.0 33.0



#60  
Diethylphthalate  
Concen: 45.909 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:149 Resp: 543627  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.9 26.9  
150 12.2 9.8 14.8

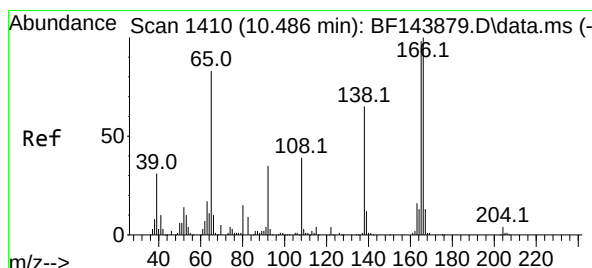
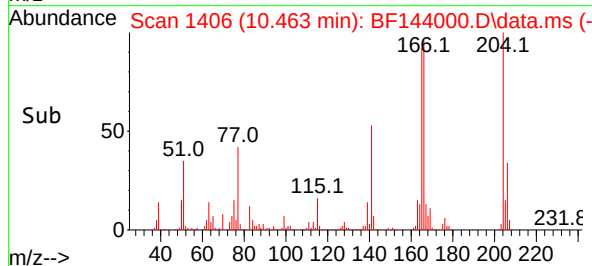
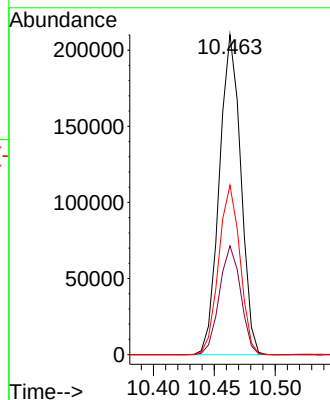
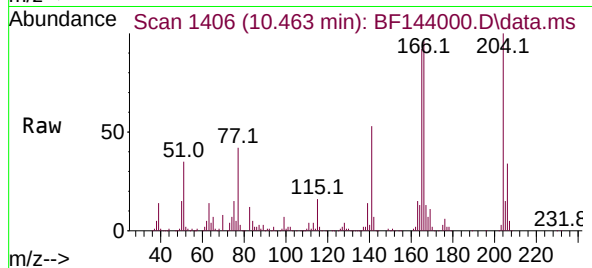




#61  
4-Chlorophenyl-phenylether  
Concen: 44.744 ng  
RT: 10.463 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

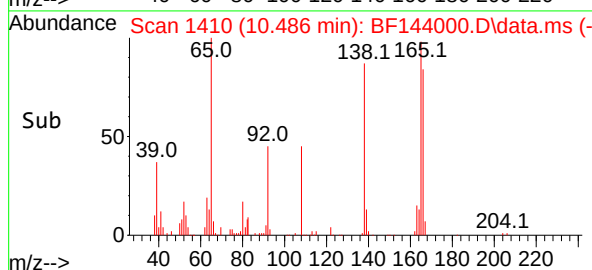
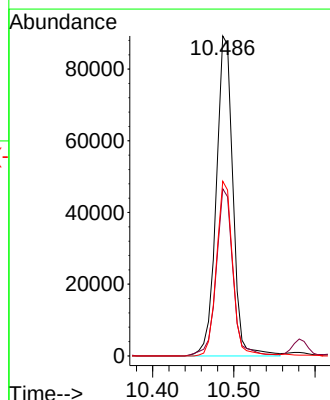
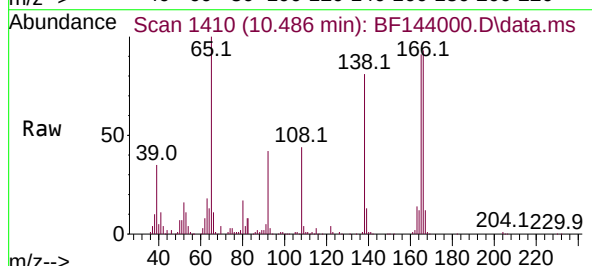
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

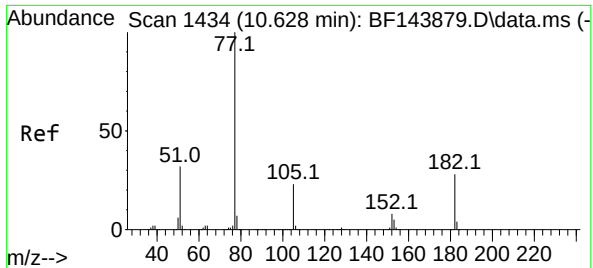
Tgt Ion:204 Resp: 257179  
Ion Ratio Lower Upper  
204 100  
206 34.0 26.6 40.0  
141 52.9 40.4 60.6



#62  
4-Nitroaniline  
Concen: 45.917 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:138 Resp: 127786  
Ion Ratio Lower Upper  
138 100  
92 52.2 33.9 73.9  
108 54.6 40.2 80.2

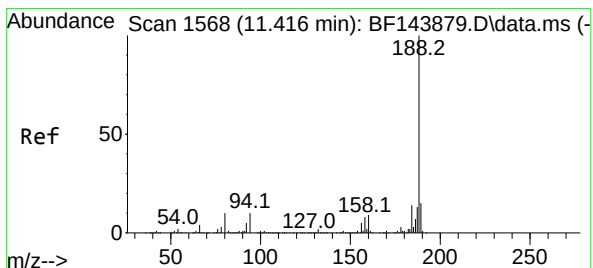
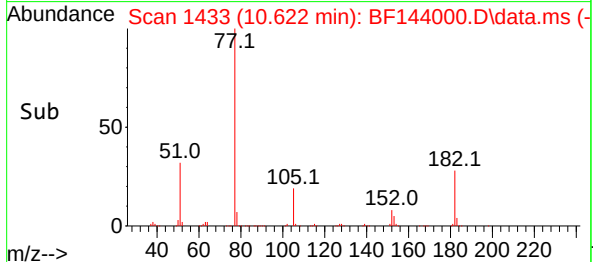
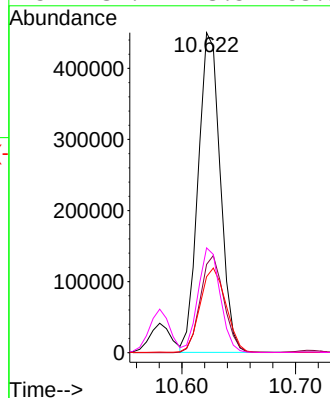
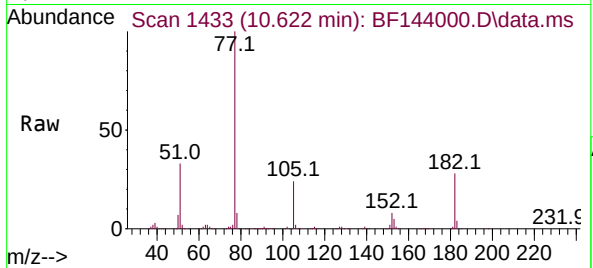




#63  
Azobenzene  
Concen: 49.044 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

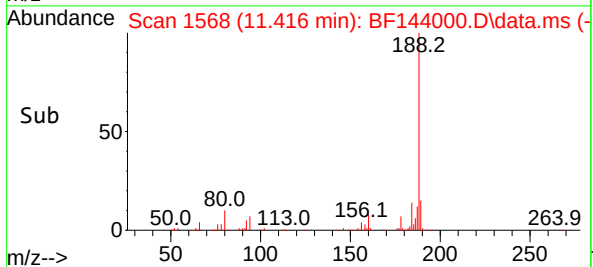
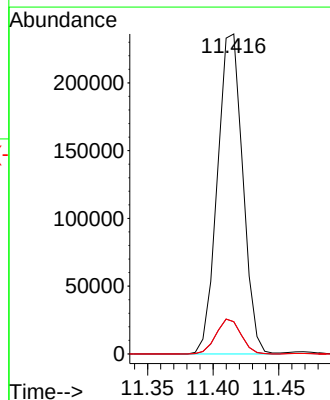
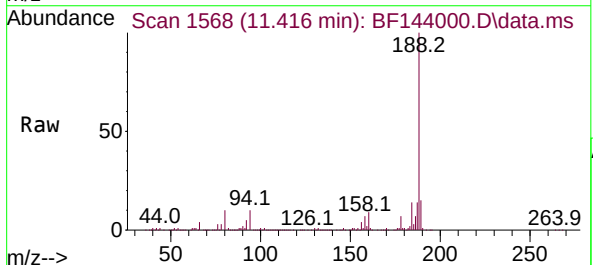
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

Tgt Ion: 77 Resp: 606952  
Ion Ratio Lower Upper  
77 100  
182 27.6 7.3 47.3  
105 23.7 3.0 43.0  
51 32.7 13.5 53.5

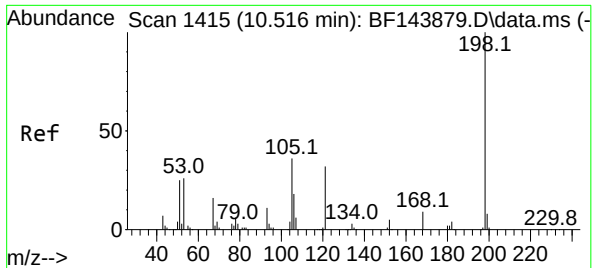


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion: 188 Resp: 318387  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.8 11.6  
80 10.1 7.9 11.9



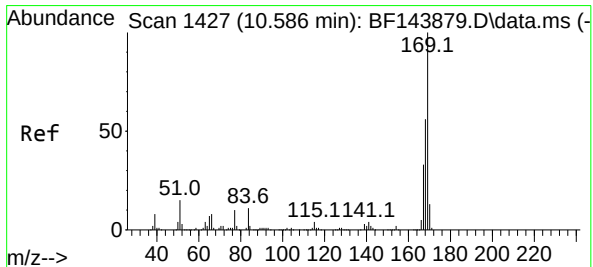
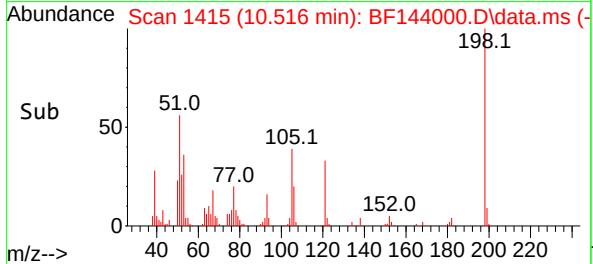
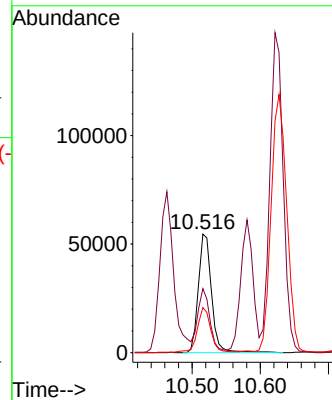
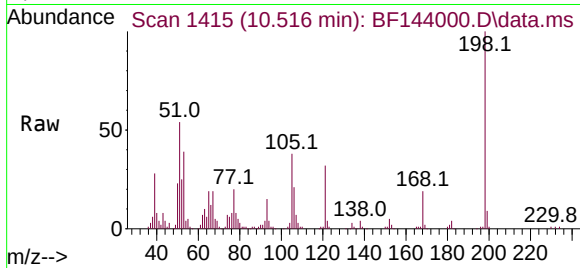




#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.976 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

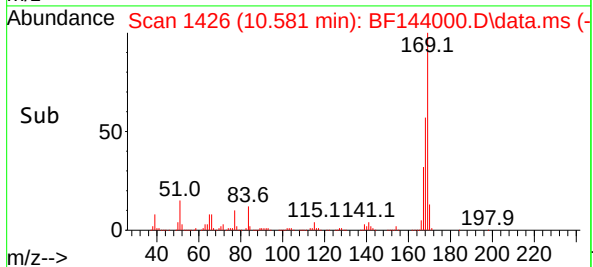
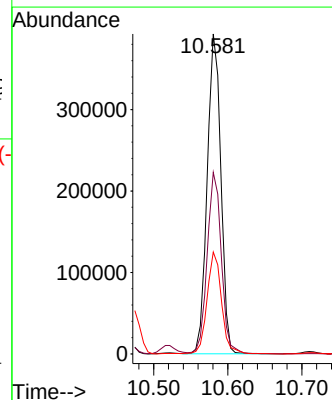
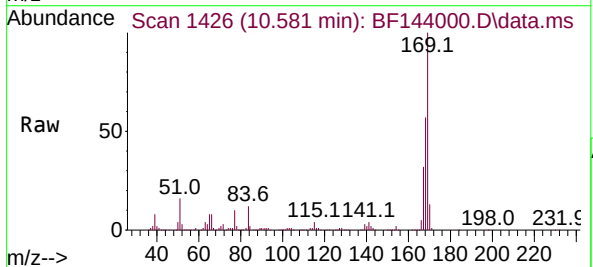
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

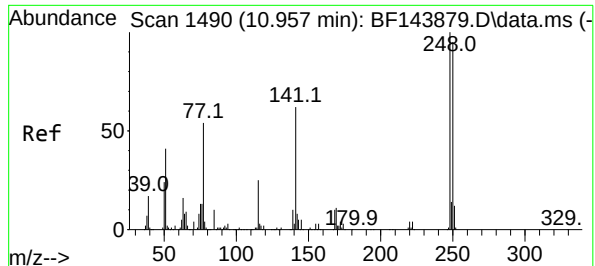
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 53.9  | 33.8  | 73.8  |
| 105     | 38.0  | 17.0  | 57.0  |



#66  
n-Nitrosodiphenylamine  
Concen: 50.200 ng  
RT: 10.581 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 56.7  | 44.9  | 67.3  |
| 167     | 31.8  | 26.3  | 39.5  |

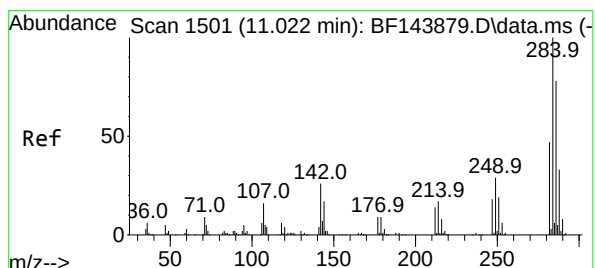
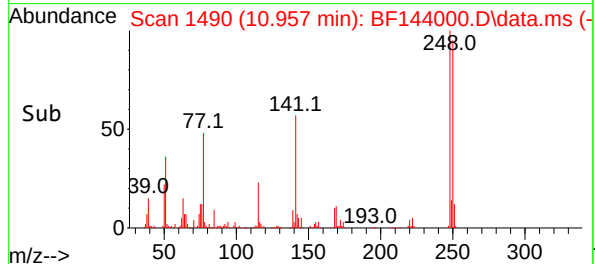
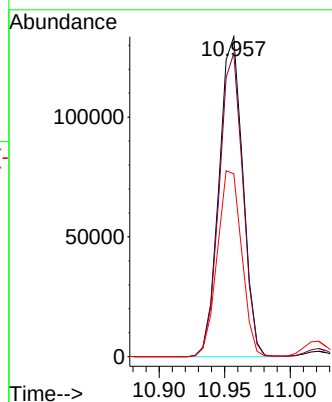
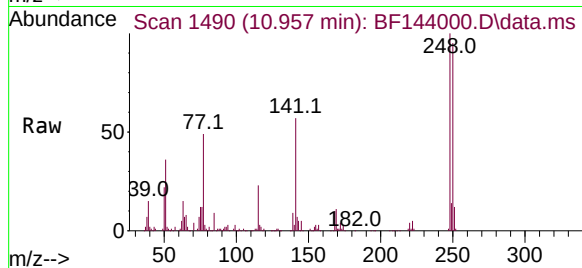




#67  
4-Bromophenyl-phenylether  
Concen: 47.892 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

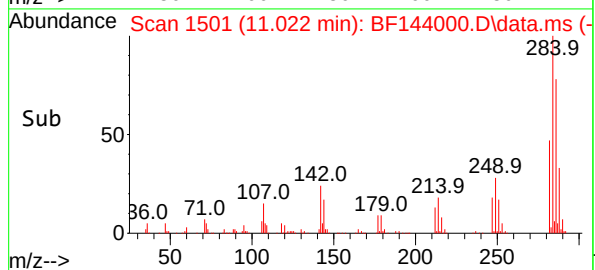
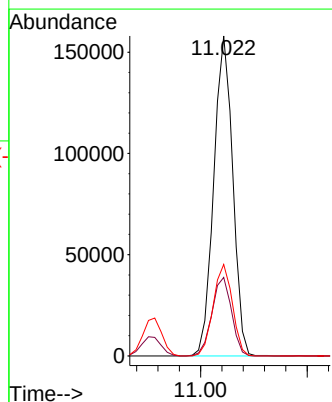
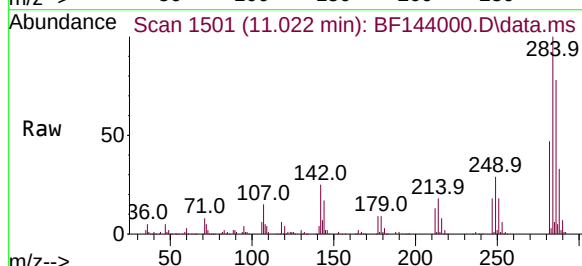
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

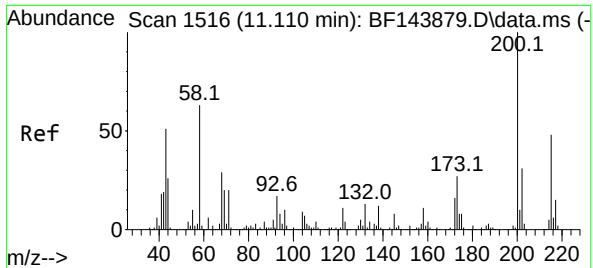
Tgt Ion:248 Resp: 168517  
Ion Ratio Lower Upper  
248 100  
250 94.8 76.3 114.5  
141 57.1 49.7 74.5



#68  
Hexachlorobenzene  
Concen: 48.006 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:284 Resp: 195558  
Ion Ratio Lower Upper  
284 100  
142 24.5 20.6 30.8  
249 28.6 23.2 34.8





#69

Atrazine

Concen: 50.440 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

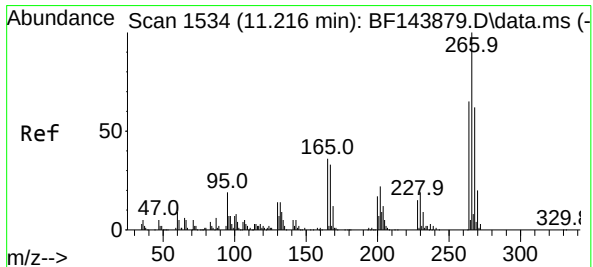
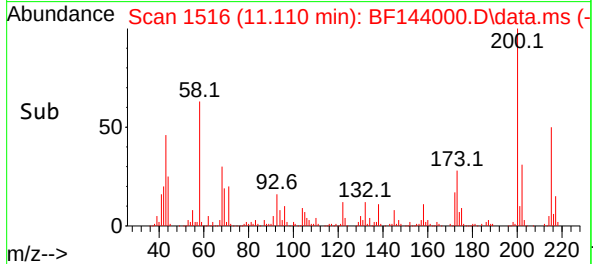
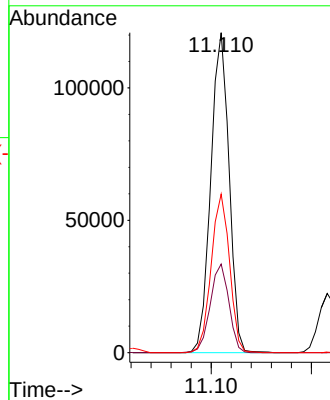
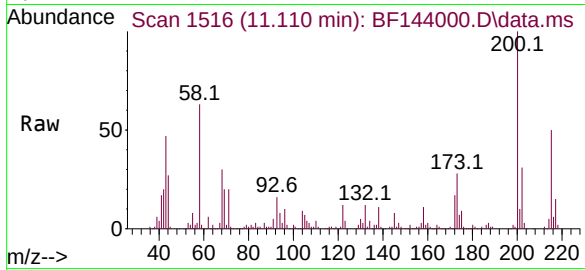
Tgt Ion:200 Resp: 152836

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 49.5 27.8 67.8



#70

Pentachlorophenol

Concen: 78.967 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

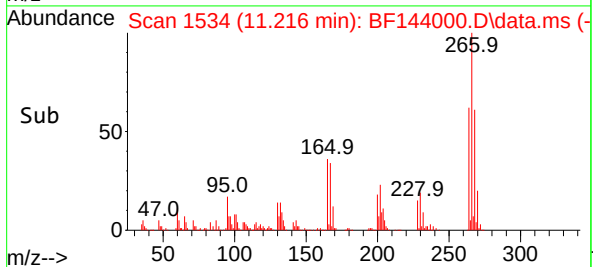
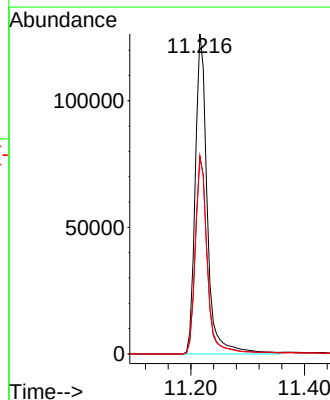
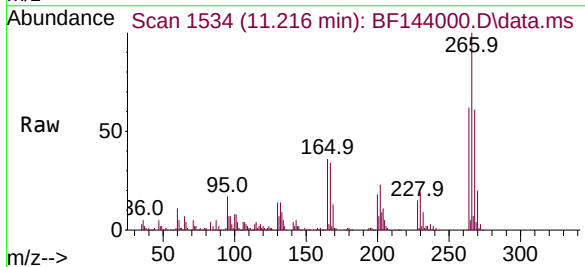
Tgt Ion:266 Resp: 184749

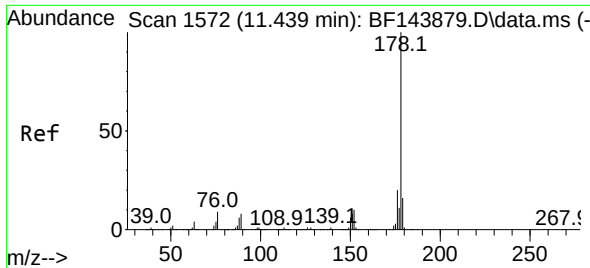
Ion Ratio Lower Upper

266 100

268 61.4 49.4 74.0

264 61.9 51.8 77.6

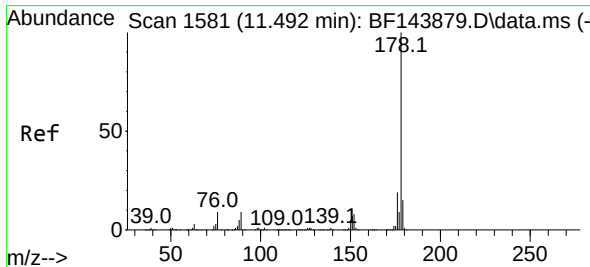
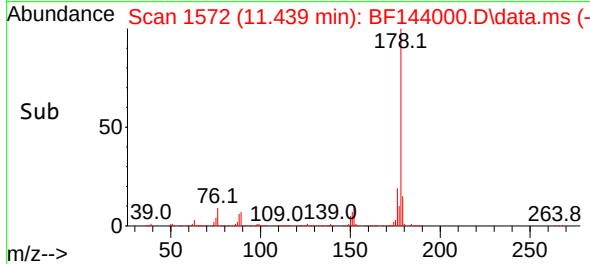
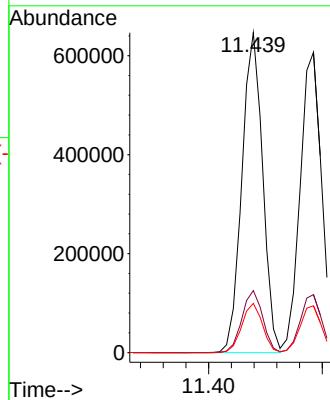
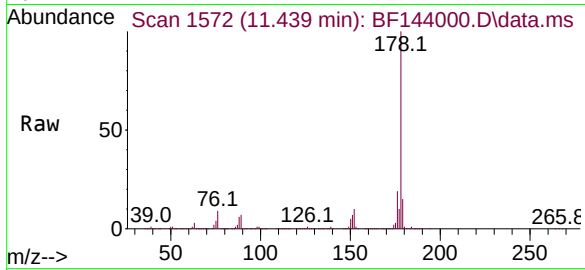




#71  
Phenanthrene  
Concen: 53.056 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

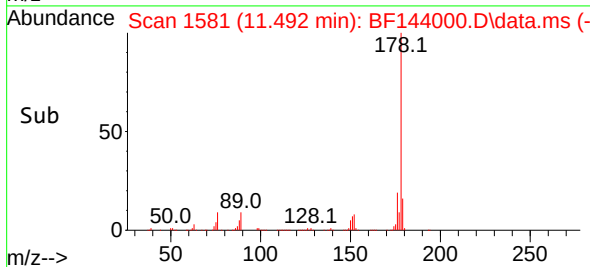
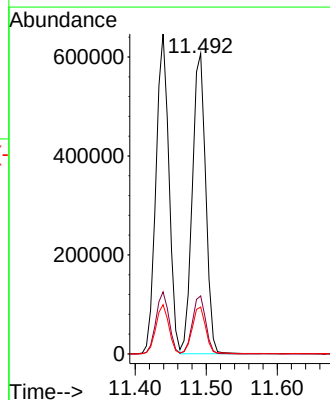
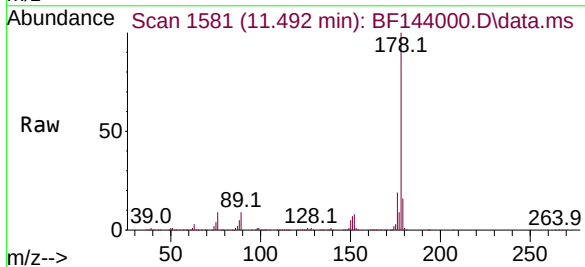
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

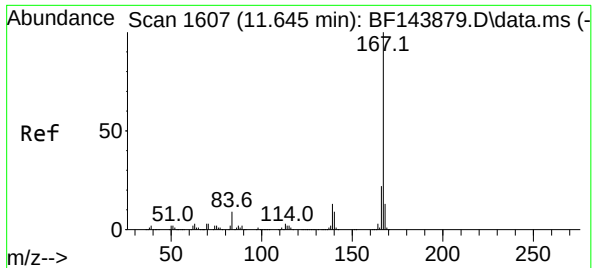
Tgt Ion:178 Resp: 818952  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.9 23.9  
179 15.4 12.4 18.6



#72  
Anthracene  
Concen: 51.001 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:178 Resp: 795285  
Ion Ratio Lower Upper  
178 100  
176 19.3 14.9 22.3  
179 15.6 12.2 18.2

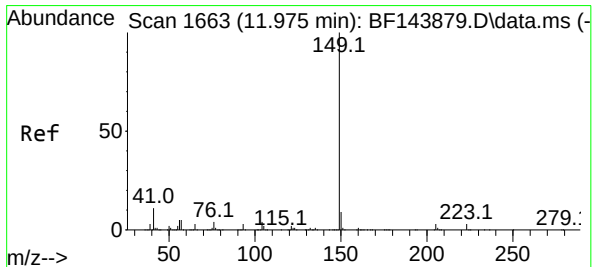
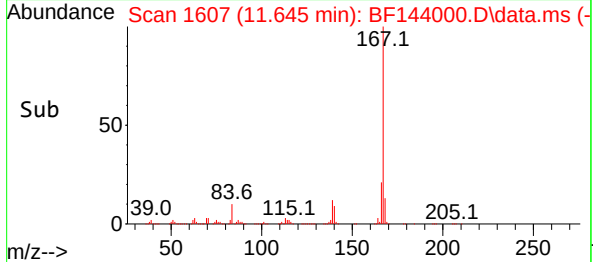
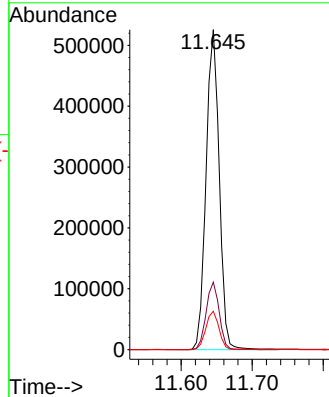
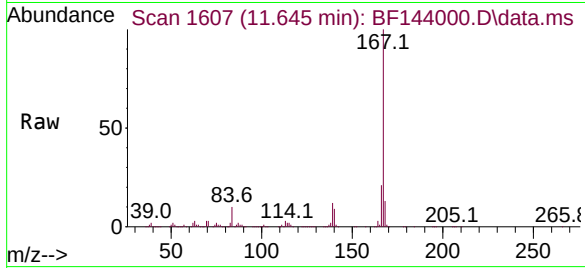




#73  
Carbazole  
Concen: 48.737 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

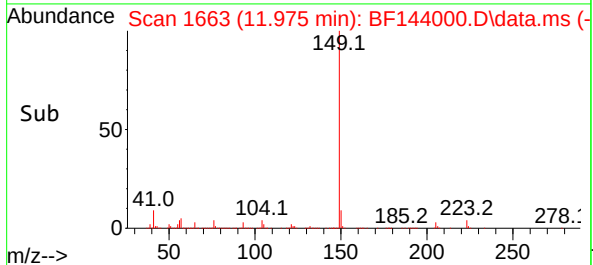
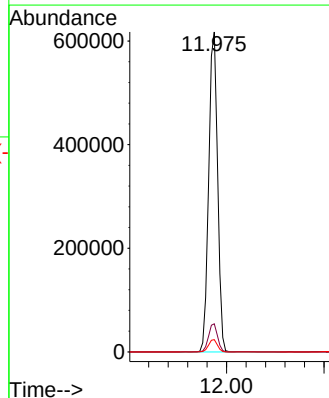
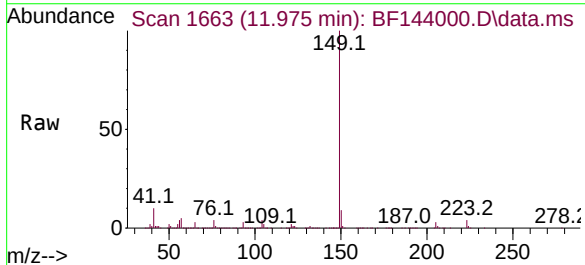
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

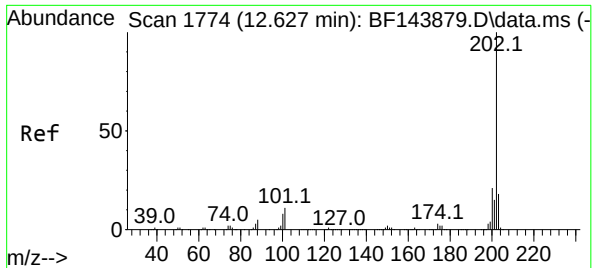
|             |                |
|-------------|----------------|
| Tgt Ion:167 | Resp: 673083   |
| Ion Ratio   | Lower Upper    |
| 167         | 100            |
| 166         | 21.1 17.2 25.8 |
| 139         | 12.0 10.1 15.1 |



#74  
Di-n-butylphthalate  
Concen: 49.117 ng  
RT: 11.975 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 786167 |
| Ion Ratio   | Lower Upper  |
| 149         | 100          |
| 150         | 8.8 7.4 11.2 |
| 104         | 3.8 3.4 5.2  |

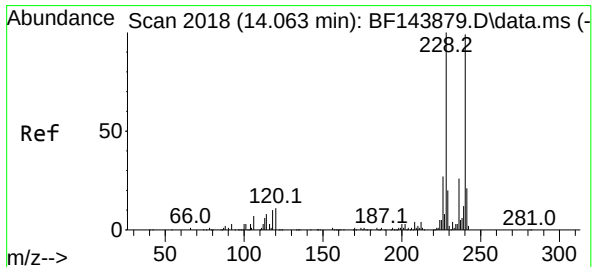
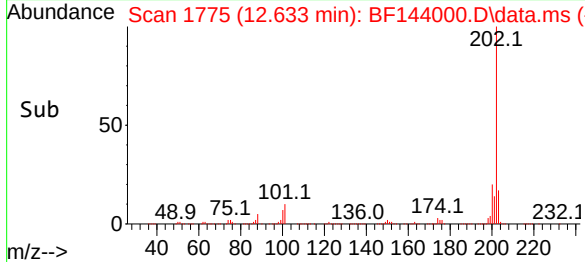
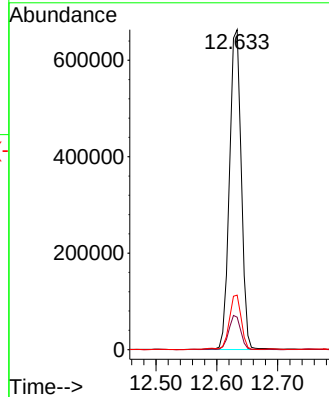
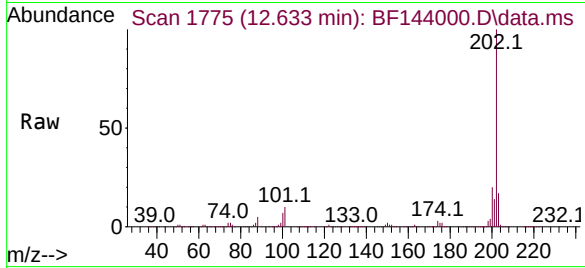




#75  
Fluoranthene  
Concen: 56.001 ng  
RT: 12.633 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

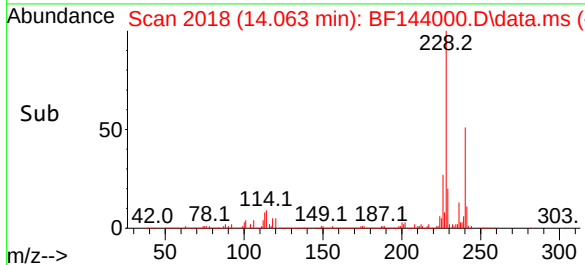
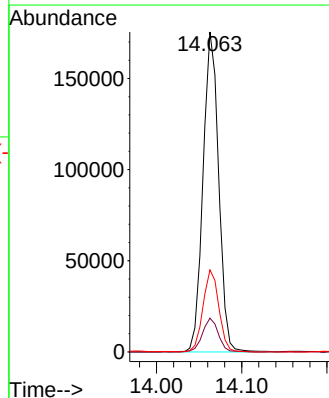
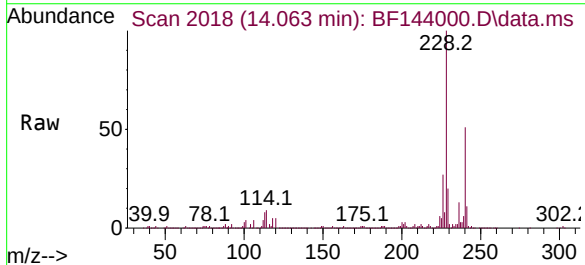
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

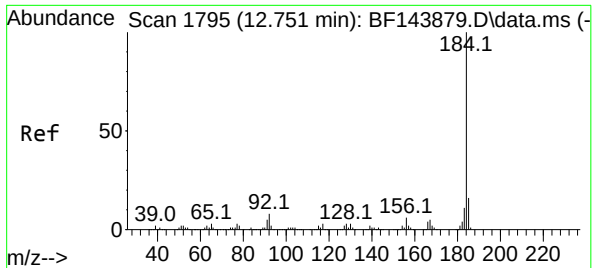
Tgt Ion:202 Resp: 892868  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 30.7  
203 17.0 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.005 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:240 Resp: 223763  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.6 13.0  
236 25.6 21.1 31.7





#77

Benzidine

Concen: 37.604 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

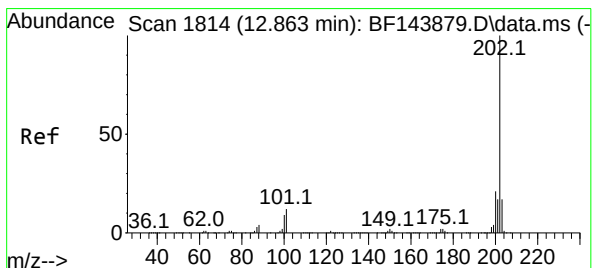
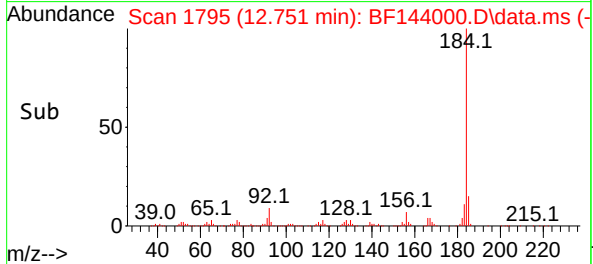
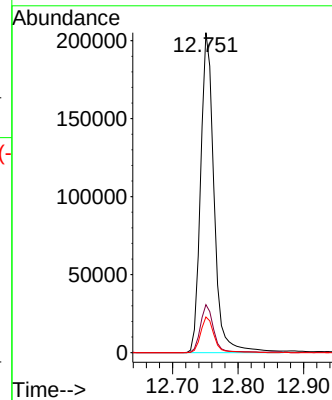
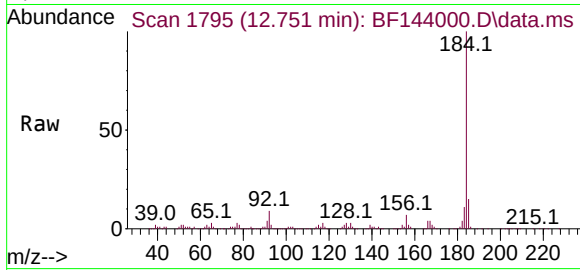
Tgt Ion:184 Resp: 292169

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 11.1 8.8 13.2



#78

Pyrene

Concen: 48.091 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

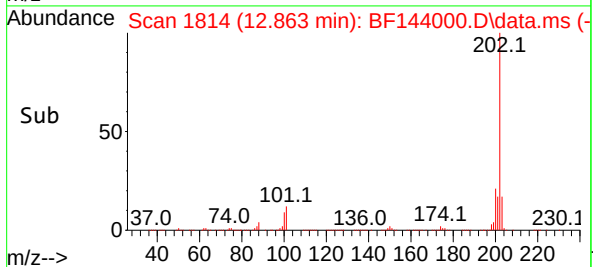
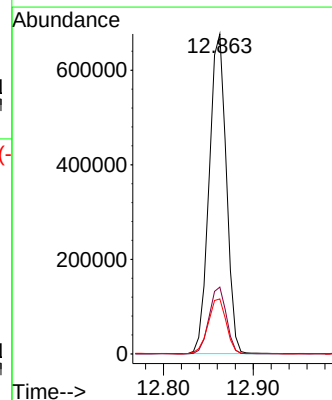
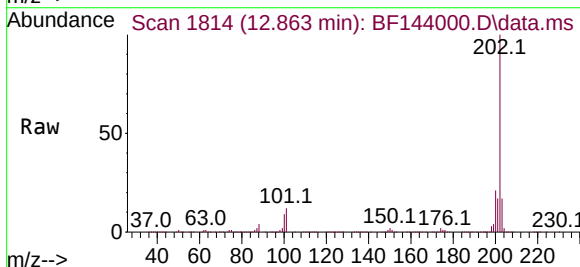
Tgt Ion:202 Resp: 897135

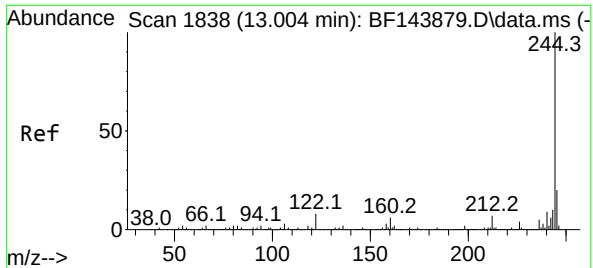
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 35.356 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF144000.D

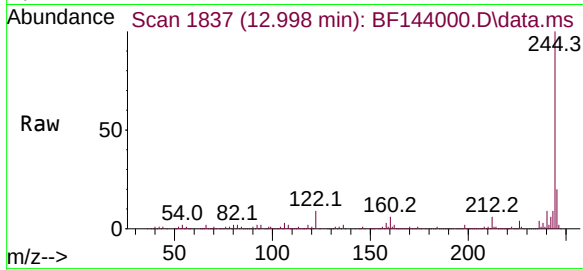
Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS



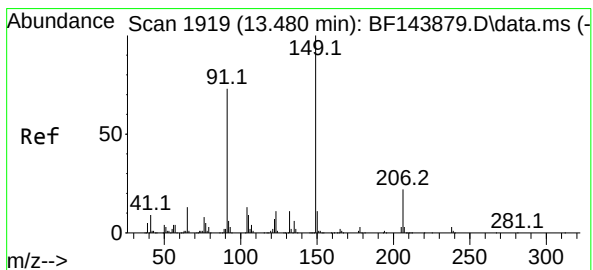
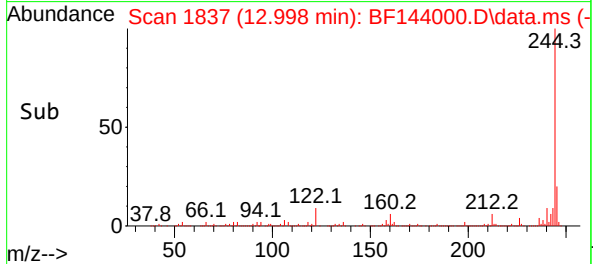
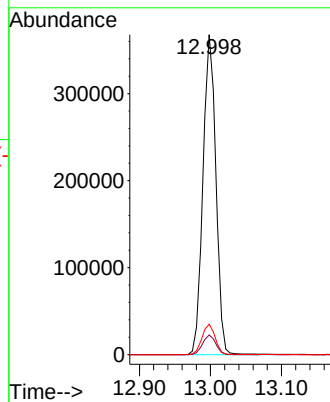
Tgt Ion:244 Resp: 462900

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

122 9.5 6.4 9.6



#80

Butylbenzylphthalate

Concen: 49.187 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

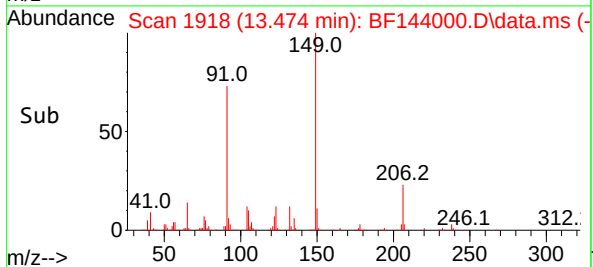
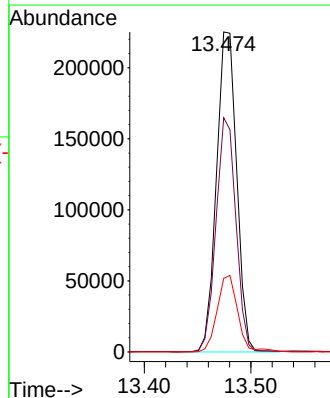
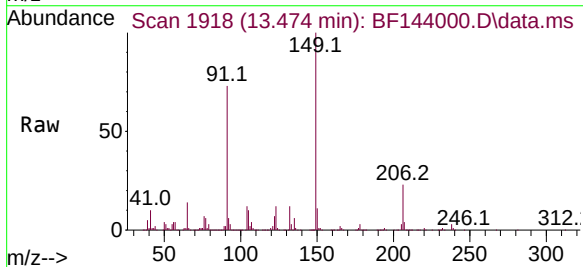
Tgt Ion:149 Resp: 297998

Ion Ratio Lower Upper

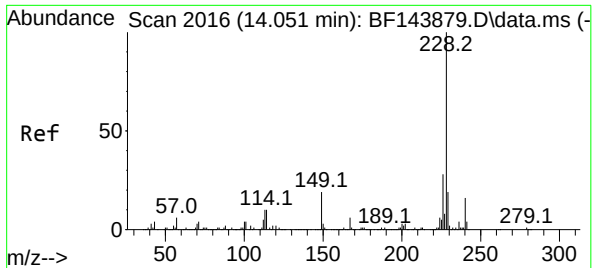
149 100

91 73.2 58.2 87.2

206 23.0 17.9 26.9







#81

Benzo(a)anthracene

Concen: 59.849 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

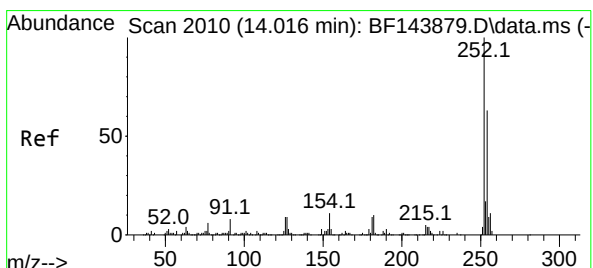
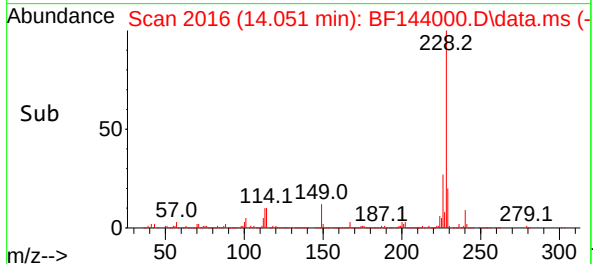
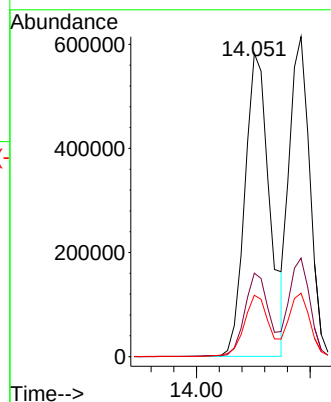
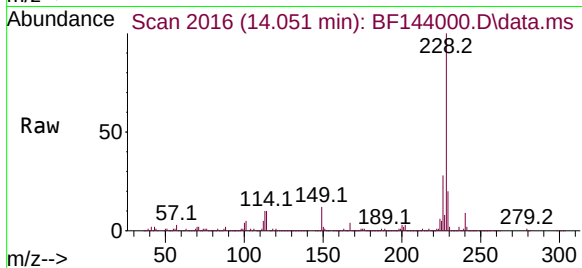
Tgt Ion:228 Resp: 876380

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

229 20.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 33.370 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

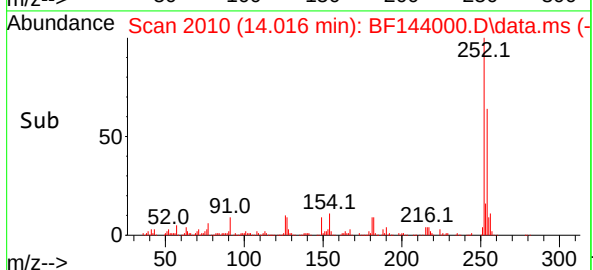
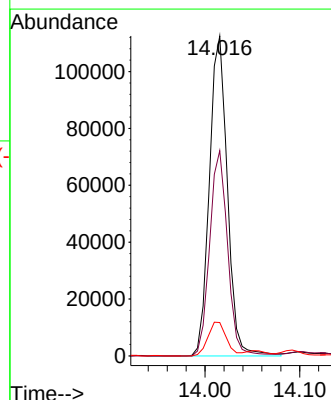
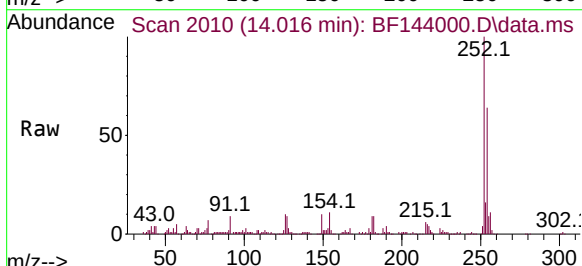
Tgt Ion:252 Resp: 148913

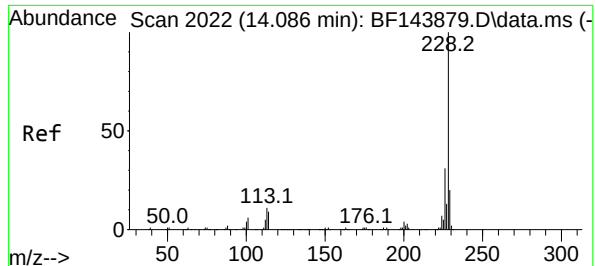
Ion Ratio Lower Upper

252 100

254 64.1 50.6 76.0

126 10.4 7.0 10.6





#83

Chrysene

Concen: 56.293 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

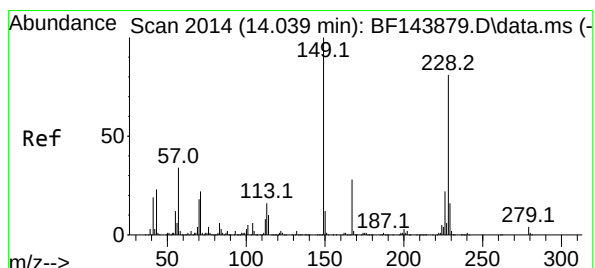
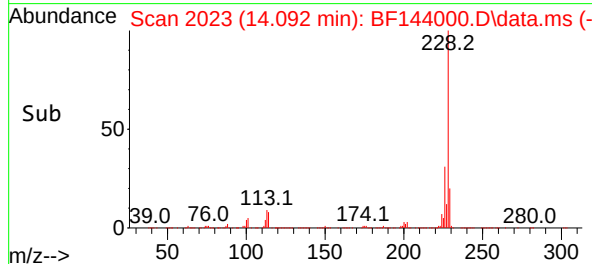
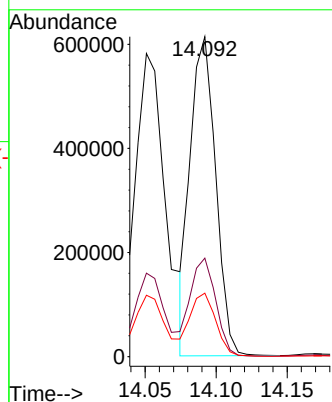
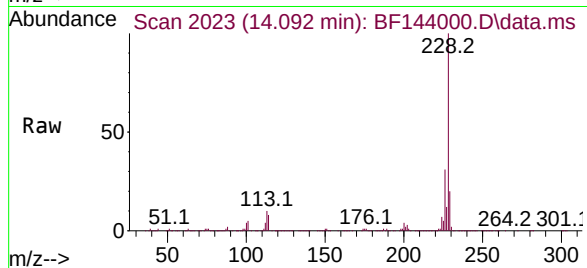
Tgt Ion:228 Resp: 762919

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.166 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

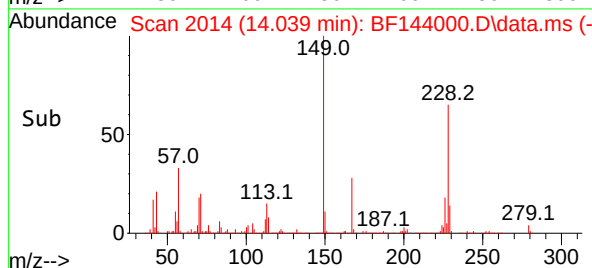
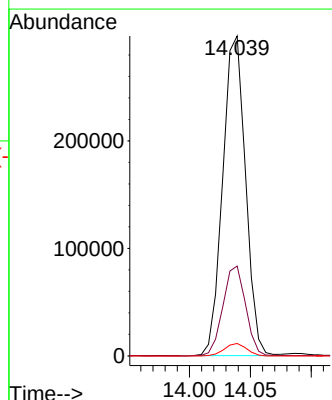
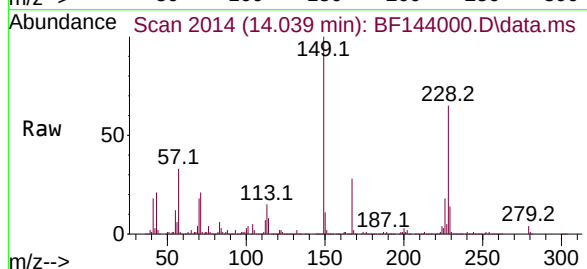
Tgt Ion:149 Resp: 388279

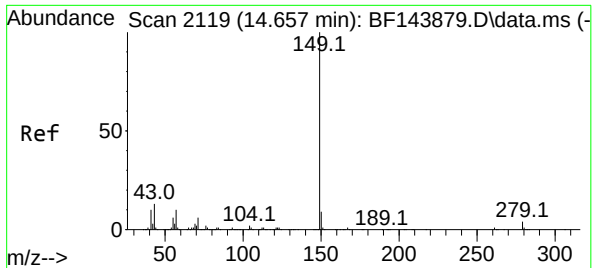
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 3.9 3.1 4.7

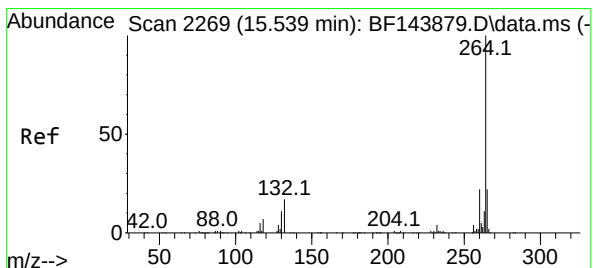
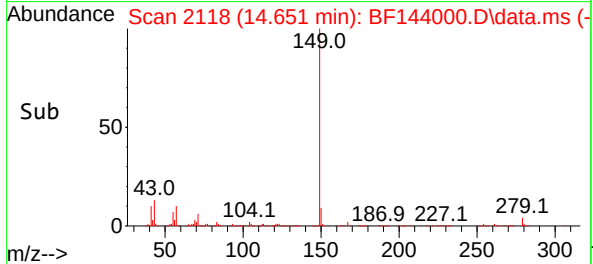
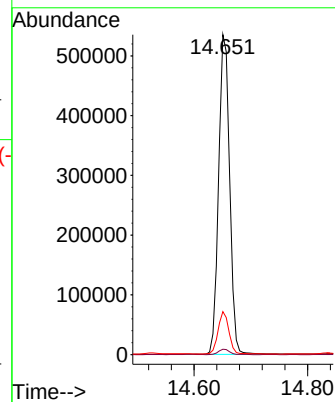
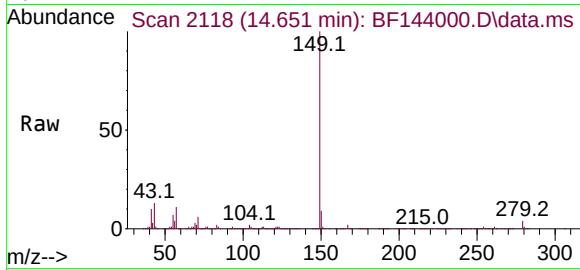




#85  
Di-n-octyl phthalate  
Concen: 60.181 ng  
RT: 14.651 min Scan# 2118  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

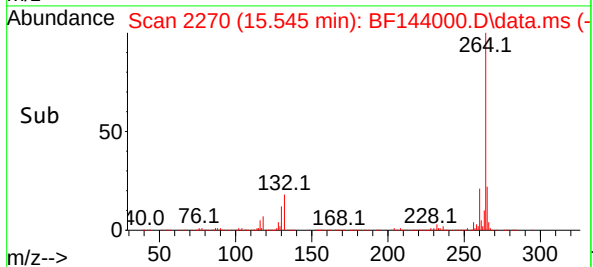
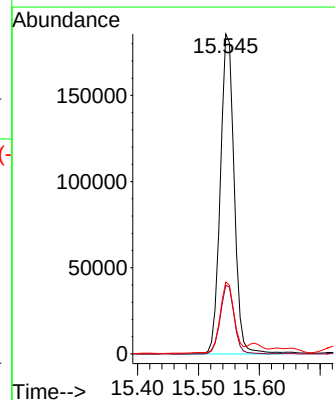
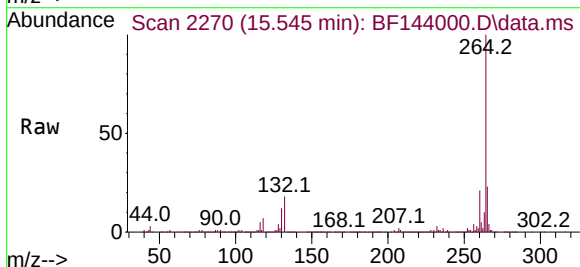
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

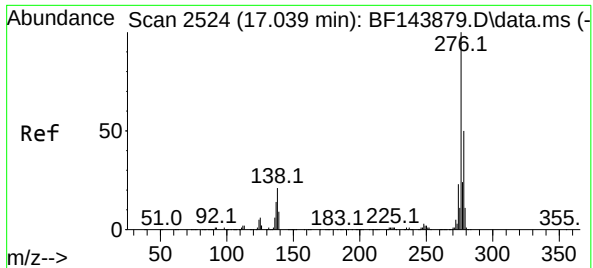
Tgt Ion:149 Resp: 721877  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.1 1.7#  
43 13.1 11.0 16.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:264 Resp: 294781  
Ion Ratio Lower Upper  
264 100  
260 21.4 17.8 26.8  
265 22.5 17.5 26.3

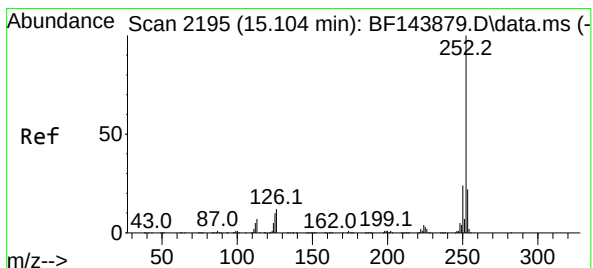
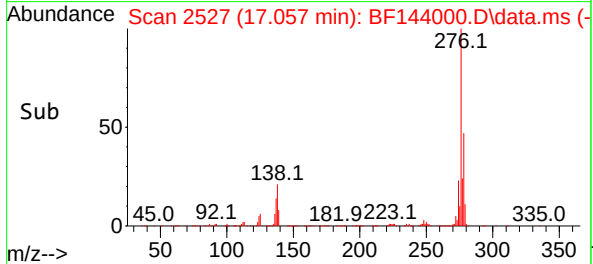
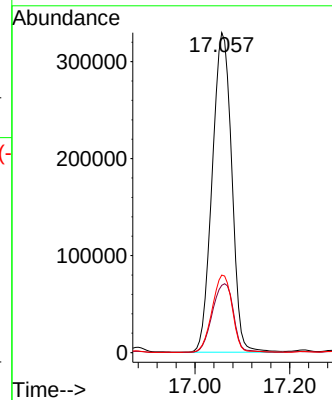
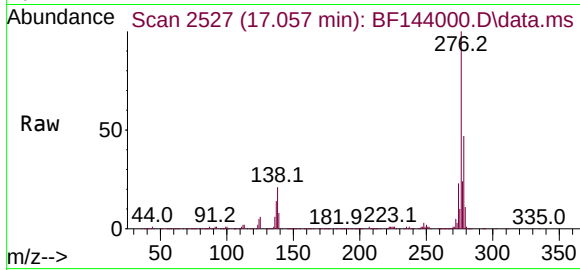




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 52.175 ng  
RT: 17.057 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

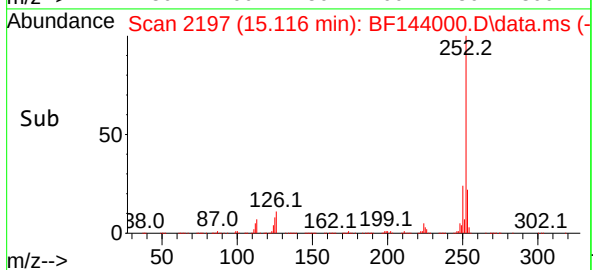
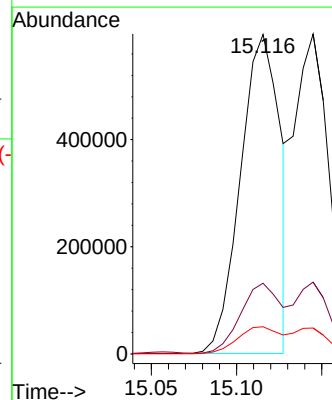
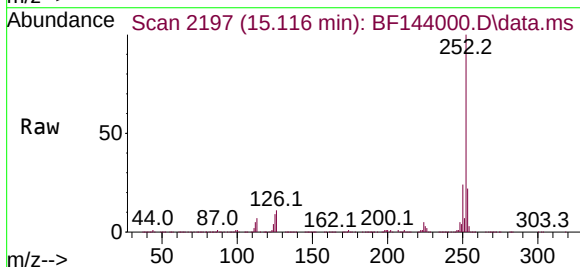
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

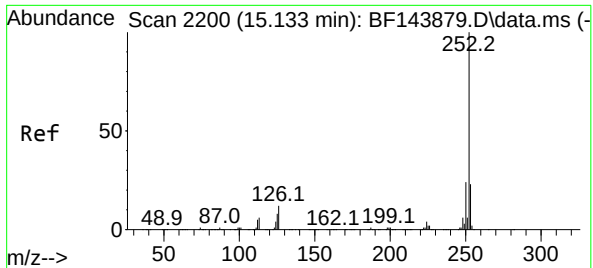
Tgt Ion:276 Resp: 942417  
Ion Ratio Lower Upper  
276 100  
138 23.4 18.2 27.2  
277 24.9 19.8 29.6



#88  
Benzo(b)fluoranthene  
Concen: 56.923 ng  
RT: 15.116 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:252 Resp: 963893  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 8.5 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 44.309 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MS

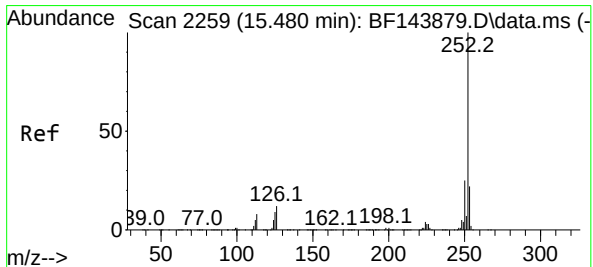
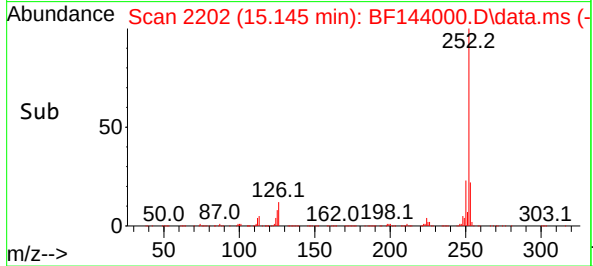
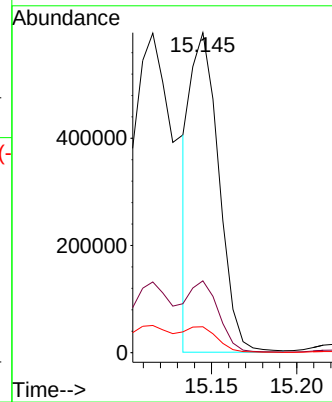
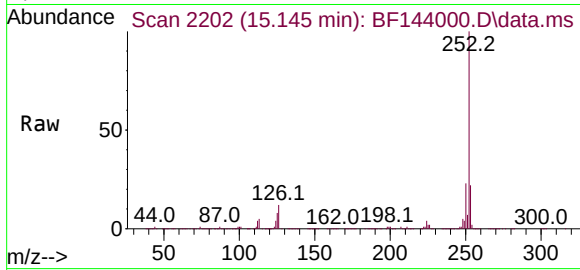
Tgt Ion:252 Resp: 694255

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 58.227 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144000.D

Acq: 20 Oct 2025 15:57

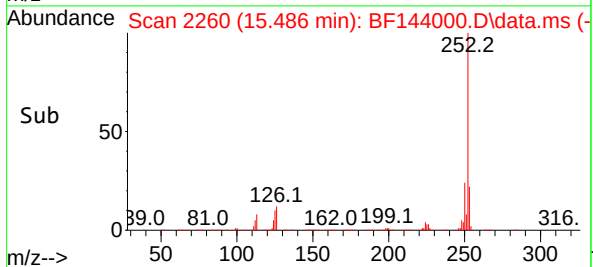
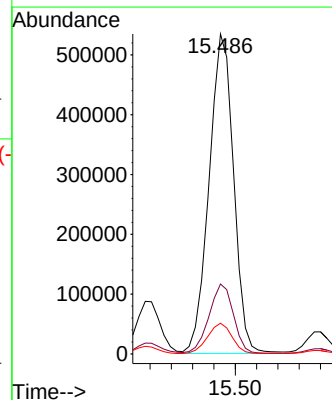
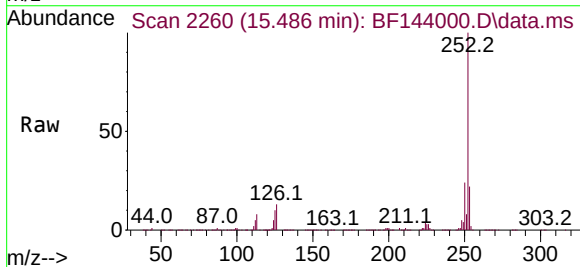
Tgt Ion:252 Resp: 854925

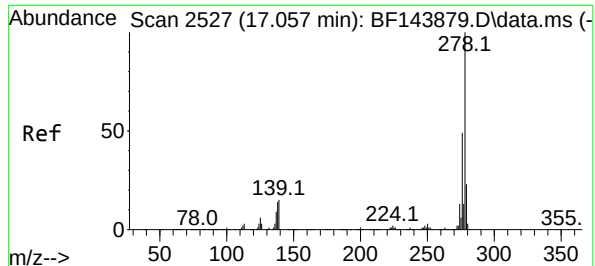
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.6 7.0 10.4

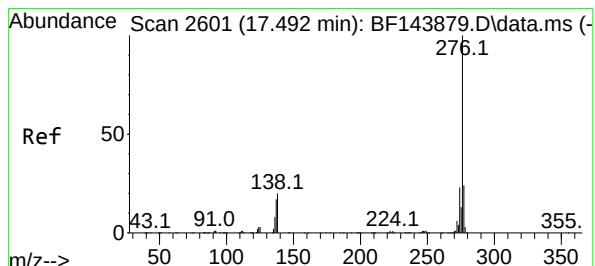
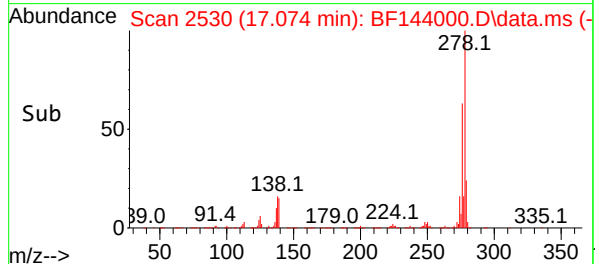
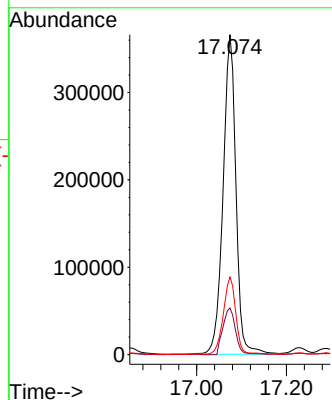
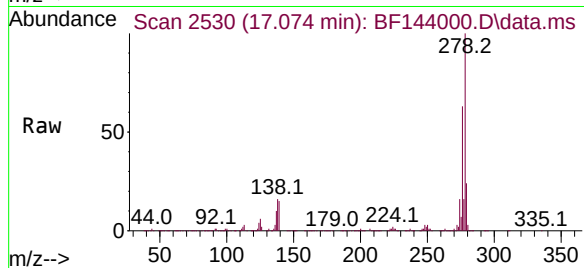




#91  
Dibenzo(a,h)anthracene  
Concen: 50.200 ng  
RT: 17.074 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

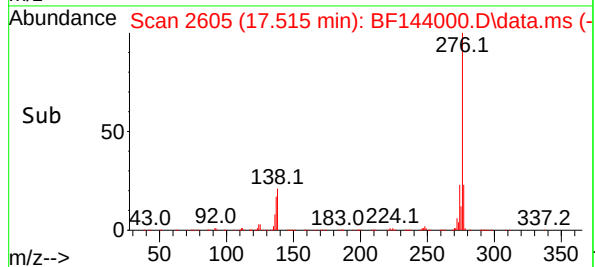
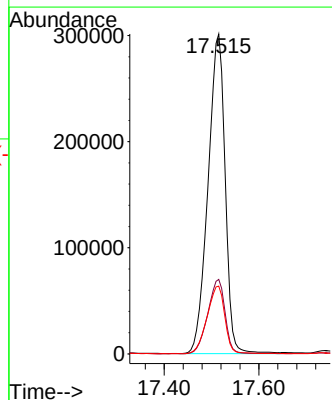
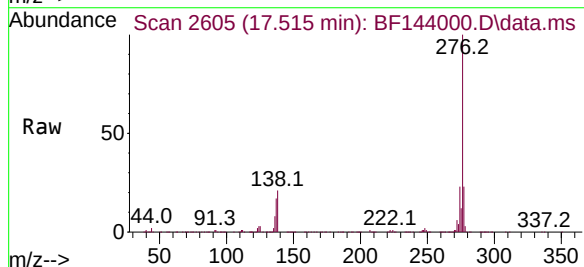
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MS

Tgt Ion:278 Resp: 729261  
Ion Ratio Lower Upper  
278 100  
139 14.6 11.7 17.5  
279 24.2 18.4 27.6



#92  
Benzo(g,h,i)perylene  
Concen: 52.085 ng  
RT: 17.515 min Scan# 2605  
Delta R.T. 0.000 min  
Lab File: BF144000.D  
Acq: 20 Oct 2025 15:57

Tgt Ion:276 Resp: 756650  
Ion Ratio Lower Upper  
276 100  
277 23.3 19.0 28.6  
138 21.2 16.1 24.1





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

## Report of Analysis

Client: AECOM  
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
Client Sample ID: VNJ-245MSD  
Lab Sample ID: Q3381-03MSD  
Analytical Method: 8270E Level : LOW  
Sample Wt/Vol: 50.02 g Final Vol: 1000 uL  
Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/17/25  
Date Received: 10/17/25  
SDG No.: Q3375  
Matrix: SOIL  
% Solid: 81.6  
Test: SVOC-TCL BNA -20

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 660   |      | 1  | 110  | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 108-95-2       | Phenol                      | 1200  |      | 1  | 16.2 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1100  |      | 1  | 17.9 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 95-57-8        | 2-Chlorophenol              | 1100  |      | 1  | 17.9 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 95-48-7        | 2-Methylphenol              | 1100  |      | 1  | 22.0 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1100  |      | 1  | 27.6 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 98-86-2        | Acetophenone                | 1200  |      | 1  | 21.7 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 65794-96-9     | 3+4-Methylphenols           | 1100  |      | 1  | 30.2 | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1000  |      | 1  | 34.8 | 58.8       | ug/Kg | 10/20/25 16:27 | PB170165     |
| 67-72-1        | Hexachloroethane            | 1100  |      | 1  | 12.9 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 98-95-3        | Nitrobenzene                | 1200  |      | 1  | 13.5 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 78-59-1        | Isophorone                  | 1100  |      | 1  | 24.1 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 88-75-5        | 2-Nitrophenol               | 1300  |      | 1  | 42.8 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 105-67-9       | 2,4-Dimethylphenol          | 1200  |      | 1  | 47.6 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1100  |      | 1  | 22.6 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |      | 1  | 20.8 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 91-20-3        | Naphthalene                 | 1100  |      | 1  | 16.7 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 106-47-8       | 4-Chloroaniline             | 480   |      | 1  | 26.0 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 87-68-3        | Hexachlorobutadiene         | 1100  |      | 1  | 18.6 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 105-60-2       | Caprolactam                 | 1100  |      | 1  | 38.3 | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  |      | 1  | 21.1 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 91-57-6        | 2-Methylnaphthalene         | 1000  |      | 1  | 18.8 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 77-47-4        | Hexachlorocyclopentadiene   | 2400  | E    | 1  | 85.3 | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |      | 1  | 14.6 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1100  |      | 1  | 21.4 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 92-52-4        | 1,1-Biphenyl                | 1300  |      | 1  | 16.0 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 91-58-7        | 2-Chloronaphthalene         | 1100  |      | 1  | 16.5 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 88-74-4        | 2-Nitroaniline              | 1200  |      | 1  | 35.4 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 131-11-3       | Dimethylphthalate           | 1100  |      | 1  | 19.9 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 208-96-8       | Acenaphthylene              | 1300  |      | 1  | 21.2 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 606-20-2       | 2,6-Dinitrotoluene          | 1300  |      | 1  | 24.7 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 99-09-2        | 3-Nitroaniline              | 720   |      | 1  | 33.8 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 83-32-9        | Acenaphthene                | 1200  |      | 1  | 15.7 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 51-28-5        | 2,4-Dinitrophenol           | 1500  |      | 1  | 170  | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 100-02-7       | 4-Nitrophenol               | 2000  | E    | 1  | 78.6 | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 132-64-9       | Dibenzofuran                | 1100  |      | 1  | 16.7 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 121-14-2       | 2,4-Dinitrotoluene          | 1300  |      | 1  | 36.8 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 84-66-2        | Diethylphthalate            | 1100  |      | 1  | 20.8 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1100  |      | 1  | 19.6 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 86-73-7        | Fluorene                    | 1100  |      | 1  | 18.6 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 100-01-6       | 4-Nitroaniline              | 1000  |      | 1  | 47.2 | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 1100  |      | 1  | 75.7 | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |

### Report of Analysis

Client: AECOM  
 Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206  
 Client Sample ID: VNJ-245MSD  
 Lab Sample ID: Q3381-03MSD  
 Analytical Method: 8270E Level : LOW  
 Sample Wt/Vol: 50.02 g Final Vol: 1000 uL  
 Prep Method : SW3541 Prep Date: 10/20/25

Date Collected: 10/17/25  
 Date Received: 10/17/25  
 SDG No.: Q3375  
 Matrix: SOIL  
 % Solid: 81.6  
 Test: SVOC-TCL BNA -20

| CAS Number | Parameter                  | Conc. | Qua. | DF   | MDL | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|------------|----------------------------|-------|------|------|-----|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 1300  | 1    | 24.2 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  | 1    | 20.4 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 118-74-1   | Hexachlorobenzene          | 1200  | 1    | 18.6 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 1912-24-9  | Atrazine                   | 1200  | 1    | 25.0 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 87-86-5    | Pentachlorophenol          | 1900  | 1    | 37.7 |     | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 85-01-8    | Phenanthrene               | 1300  | 1    | 15.4 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 120-12-7   | Anthracene                 | 1200  | 1    | 24.5 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 86-74-8    | Carbazole                  | 1200  | 1    | 22.9 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 84-74-2    | Di-n-butylphthalate        | 1100  | 1    | 35.2 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 206-44-0   | Fluoranthene               | 1300  | 1    | 22.1 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 129-00-0   | Pyrene                     | 1100  | 1    | 26.5 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 85-68-7    | Butylbenzylphthalate       | 1100  | 1    | 52.5 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 810   | 1    | 27.0 |     | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 56-55-3    | Benzo(a)anthracene         | 1400  | 1    | 16.9 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 218-01-9   | Chrysene                   | 1400  | 1    | 14.6 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1200  | 1    | 43.5 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 117-84-0   | Di-n-octyl phthalate       | 1400  | 1    | 63.8 |     | 240        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 205-99-2   | Benzo(b)fluoranthene       | 1400  | 1    | 14.0 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 207-08-9   | Benzo(k)fluoranthene       | 1200  | 1    | 16.5 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 50-32-8    | Benzo(a)pyrene             | 1400  | 1    | 21.7 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1300  | 1    | 21.4 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1200  | 1    | 20.1 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 191-24-2   | Benzo(g,h,i)perylene       | 1300  | 1    | 18.9 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1200  | 1    | 18.8 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 123-91-1   | 1,4-Dioxane                | 1100  | 1    | 33.2 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 1100  | 1    | 20.1 |     | 120        | ug/Kg | 10/20/25 16:27 | PB170165     |

#### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 67.2 |  | 18 - 112 | 45% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 68.8 |  | 15 - 107 | 46% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 46.4 |  | 18 - 107 | 46% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 32.2 |  | 20 - 109 | 32% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 55.9 |  | 10 - 116 | 37% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 32.9 |  | 10 - 105 | 33% | SPK: 100 |

#### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 100000 |
| 1146-65-2  | Naphthalene-d8         | 372000 |
| 15067-26-2 | Acenaphthene-d10       | 193000 |
| 1517-22-2  | Phenanthrene-d10       | 293000 |
| 1719-03-5  | Chrysene-d12           | 212000 |
| 1520-96-3  | Perylene-d12           | 285000 |





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

## Report of Analysis

|                    |                                                  |                     |                 |                  |
|--------------------|--------------------------------------------------|---------------------|-----------------|------------------|
| Client:            | AECOM                                            |                     | Date Collected: | 10/17/25         |
| Project:           | AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206 |                     | Date Received:  | 10/17/25         |
| Client Sample ID:  | VNJ-245MSD                                       |                     | SDG No.:        | Q3375            |
| Lab Sample ID:     | Q3381-03MSD                                      |                     | Matrix:         | SOIL             |
| Analytical Method: | 8270E                                            | Level : LOW         | % Solid:        | 81.6             |
| Sample Wt/Vol:     | 50.02 g                                          | Final Vol: 1000 uL  | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                                           | Prep Date: 10/20/25 |                 |                  |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | Prep BatchID |
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|
|------------|-----------|-------|------|----|-----|------------|-------|-----------|--------------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF144001.D  
 Acq On : 20 Oct 2025 16:27  
 Operator : RC/JU  
 Sample : Q3381-03MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

BNA\_F

## ClientSampleId :

VNJ-245MSD

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 17:06:42 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 100371   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 371973   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 192676   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 292615   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 212179   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.545 | 264  | 285074   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 424824   | 67.212 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 517974   | 68.752 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 284005   | 46.387 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 107308   | 55.916 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 390476   | 32.157 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.998 | 244  | 408851   | 32.932 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.699  | 88   | 132978   | 45.465 | ng    | 95       |
| 3) Pyridine                   | 3.457  | 79   | 362899   | 42.620 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.410  | 42   | 204444   | 45.643 | ng    | 91       |
| 6) Aniline                    | 6.545  | 93   | 347828   | 30.810 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.663  | 128  | 280357   | 45.377 | ng    | 100      |
| 9) Benzaldehyde               | 6.434  | 77   | 156420   | 26.915 | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 424504   | 47.130 | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 6.616  | 93   | 315460   | 45.340 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 334706   | 45.257 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.898  | 146  | 341886   | 46.864 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.051  | 146  | 325929   | 46.644 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.022  | 79   | 266849   | 47.273 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 726312   | 45.861 | ng    | 99       |
| 17) 2-Methylphenol            | 7.128  | 107  | 230786   | 45.198 | ng    | 99       |
| 18) Hexachloroethane          | 7.392  | 117  | 110583   | 45.453 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.292  | 70   | 216667   | 42.014 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 267791   | 45.251 | ng    | # 84     |
| 22) Acetophenone              | 7.287  | 105  | 397242   | 50.507 | ng    | 97       |
| 24) Nitrobenzene              | 7.463  | 77   | 330200   | 48.565 | ng    | 97       |
| 25) Isophorone                | 7.698  | 82   | 581778   | 45.065 | ng    | 100      |
| 26) 2-Nitrophenol             | 7.781  | 139  | 156521   | 53.695 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.810  | 122  | 262595   | 50.078 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.910  | 93   | 370290   | 45.407 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 8.022  | 162  | 248700   | 45.533 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.104  | 180  | 257772   | 47.986 | ng    | 98       |
| 31) Naphthalene               | 8.186  | 128  | 770212   | 45.519 | ng    | 100      |
| 32) Benzoic acid              | 7.928  | 122  | 153108   | 42.190 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.234  | 127  | 123347   | 19.437 | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.304  | 225  | 171103   | 45.837 | ng    | 99       |
| 35) Caprolactam               | 8.598  | 113  | 78209    | 45.033 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 8.716  | 107  | 234233   | 44.644 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 8.875  | 142  | 462308   | 41.016 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.975  | 142  | 470408   | 43.027 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.045  | 216  | 270457   | 50.787 | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 9.028  | 237  | 217287   | 98.353 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.157  | 196  | 177052   | 45.503 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102025\  
 Data File : BF144001.D  
 Acq On : 20 Oct 2025 16:27  
 Operator : RC/JU  
 Sample : Q3381-03MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-245MSD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
 Supervised By :Jagrut Upadhyay 10/21/2025

Quant Time: Oct 20 17:06:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.198  | 196  | 190334   | 46.289 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 9.339  | 154  | 651603   | 51.079 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.369  | 162  | 499056   | 46.921 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.463  | 65   | 169406   | 50.378 | ng    | 96       |
| 49) Acenaphthylene            | 9.786  | 152  | 769139   | 51.437 | ng    | 100      |
| 50) Dimethylphthalate         | 9.639  | 163  | 560326   | 45.794 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.704  | 165  | 121807   | 53.686 | ng    | 95       |
| 52) Acenaphthene              | 9.957  | 154  | 460729   | 47.023 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.875  | 138  | 81500    | 29.336 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.980  | 184  | 80393    | 59.400 | ng    | # 90     |
| 55) Dibenzofuran              | 10.128 | 168  | 631465   | 45.656 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.033 | 139  | 170624   | 81.114 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 10.110 | 165  | 162114   | 52.513 | ng    | 96       |
| 58) Fluorene                  | 10.475 | 166  | 473608   | 45.380 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232  | 133421m  | 45.838 | ng    |          |
| 60) Diethylphthalate          | 10.339 | 149  | 495909   | 43.627 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204  | 240577   | 43.601 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.486 | 138  | 113819   | 42.604 | ng    | 97       |
| 63) Azobenzene                | 10.622 | 77   | 563873   | 47.463 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198  | 67967    | 46.221 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 10.580 | 169  | 472341   | 51.409 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248  | 153366   | 47.425 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.022 | 284  | 180006   | 48.080 | ng    | 99       |
| 69) Atrazine                  | 11.110 | 200  | 139405   | 50.060 | ng    | 99       |
| 70) Pentachlorophenol         | 11.216 | 266  | 168895   | 78.548 | ng    | 99       |
| 71) Phenanthrene              | 11.439 | 178  | 755154   | 53.232 | ng    | 99       |
| 72) Anthracene                | 11.492 | 178  | 725510   | 50.624 | ng    | 100      |
| 73) Carbazole                 | 11.645 | 167  | 609788   | 48.042 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.974 | 149  | 686989   | 46.700 | ng    | 99       |
| 75) Fluoranthene              | 12.627 | 202  | 806849   | 55.063 | ng    | 99       |
| 77) Benzidine                 | 12.751 | 184  | 256163   | 34.770 | ng    | 98       |
| 78) Pyrene                    | 12.857 | 202  | 808534   | 45.708 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.474 | 149  | 261316   | 45.487 | ng    | 99       |
| 81) Benzo(a)anthracene        | 14.051 | 228  | 772965   | 55.669 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.015 | 252  | 139179   | 32.891 | ng    | 95       |
| 83) Chrysene                  | 14.092 | 228  | 756901   | 58.898 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 348219   | 50.284 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 14.651 | 149  | 651511   | 57.280 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.056 | 276  | 912509   | 52.240 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.115 | 252  | 922382   | 56.327 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.145 | 252  | 765145   | 50.496 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.486 | 252  | 802881   | 56.544 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 17.074 | 278  | 711497   | 50.645 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 17.509 | 276  | 729280   | 51.911 | ng    | 98       |

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

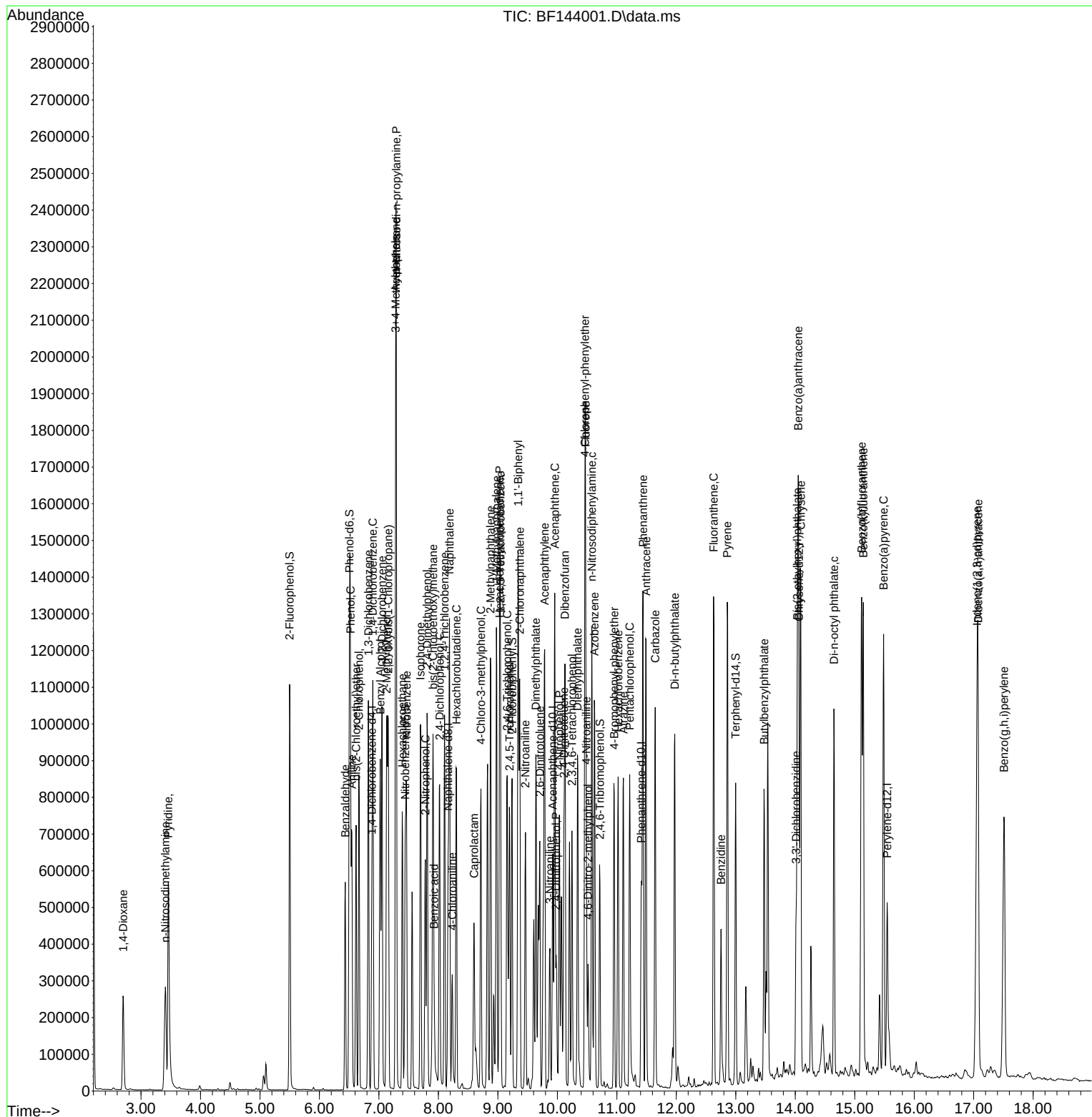
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Data File : BF144001.D  
Acq On    : 20 Oct 2025 16:27  
Operator   : RC/JU  
Sample     : Q3381-03MSD  
Misc      :  
ALS Vial   : 6    Sample Multiplier: 1
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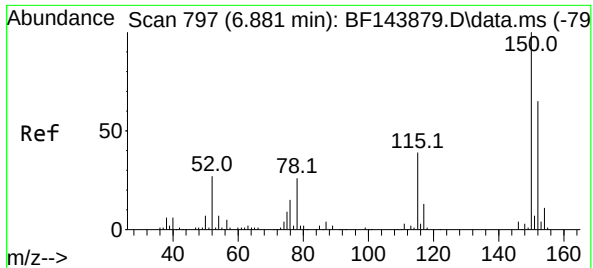
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
VNJ-245MSD

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jaagrut Upadhyay 10/21/2025

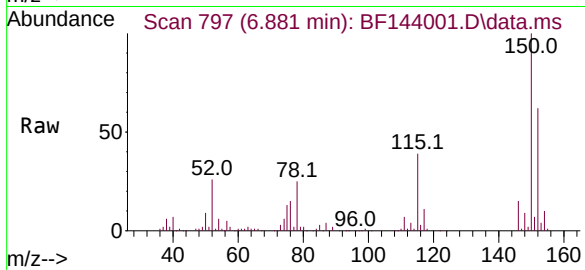
Quant Time: Oct 20 17:06:42 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 06 15:29:47 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

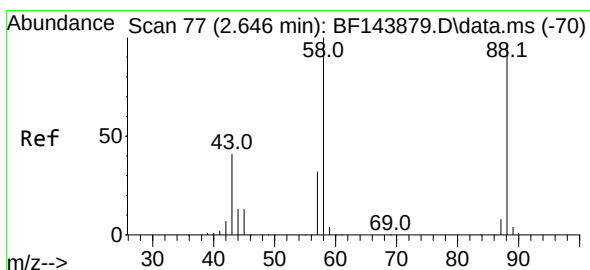
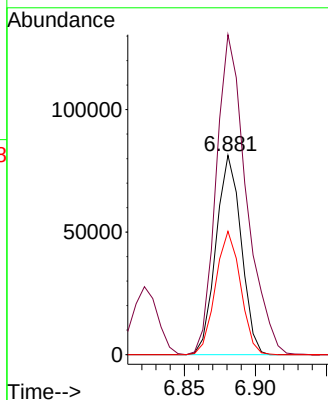
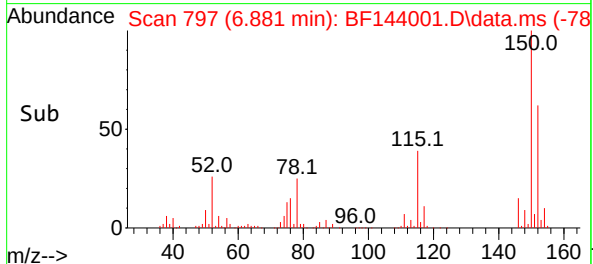
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



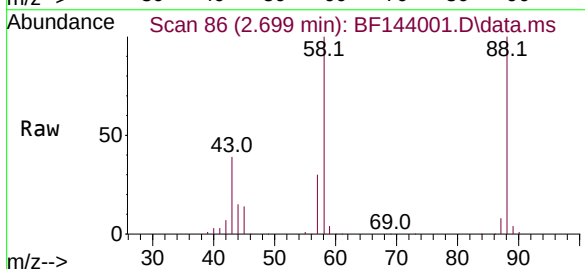
Tgt Ion:152 Resp: 100372  
Ion Ratio Lower Upper  
152 100  
150 160.6 124.4 186.6  
115 61.9 48.1 72.1

Manual Integrations  
APPROVED

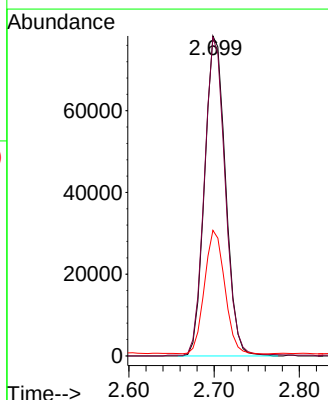
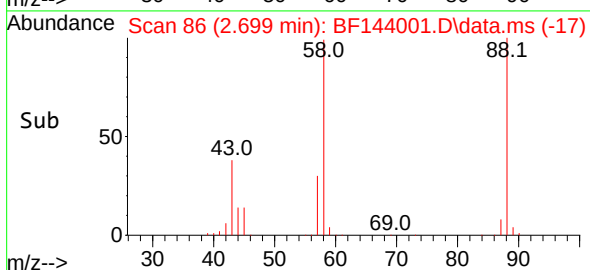
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

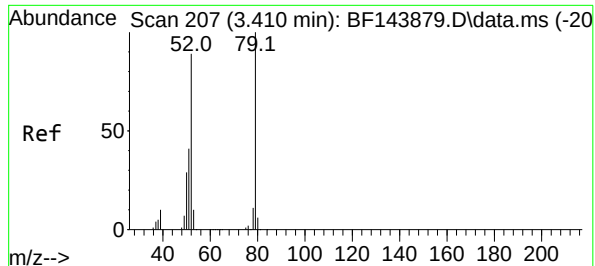


#2  
1,4-Dioxane  
Concen: 45.465 ng  
RT: 2.699 min Scan# 86  
Delta R.T. 0.053 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27



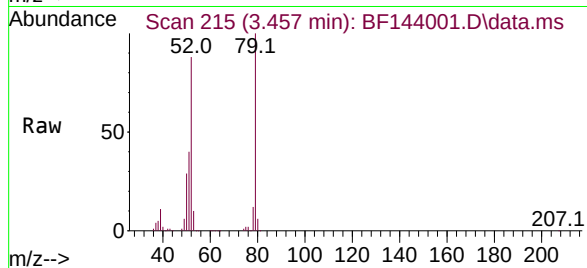
Tgt Ion: 88 Resp: 132978  
Ion Ratio Lower Upper  
88 100  
58 99.9 83.0 124.6  
43 37.6 33.9 50.9





#3  
Pyridine  
Concen: 42.620 ng  
RT: 3.457 min Scan# 215  
Delta R.T. 0.041 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

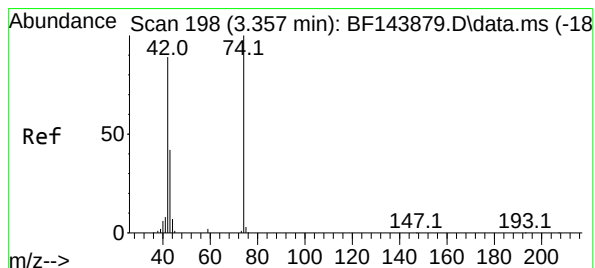
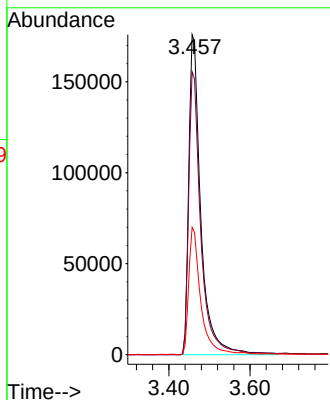
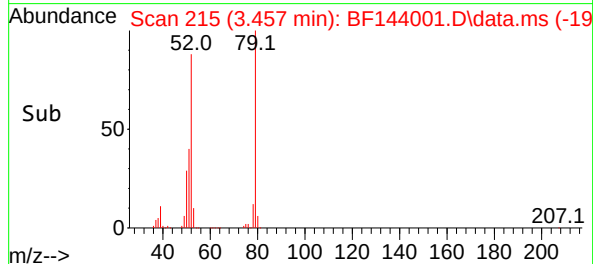
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion: 79 Resp: 362899  
Ion Ratio Lower Upper  
79 100  
52 88.4 71.5 107.3  
51 39.7 32.9 49.3

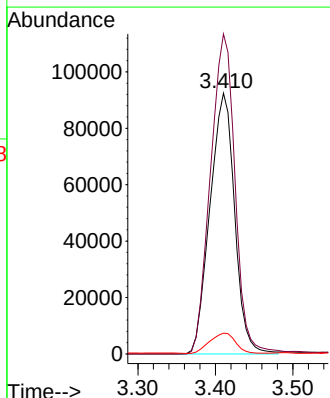
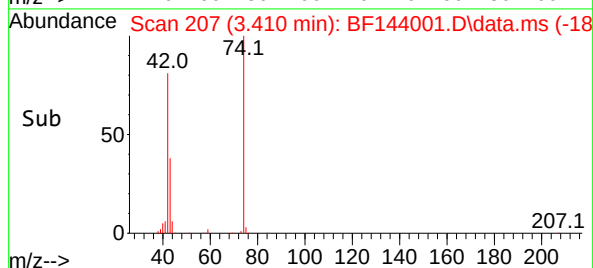
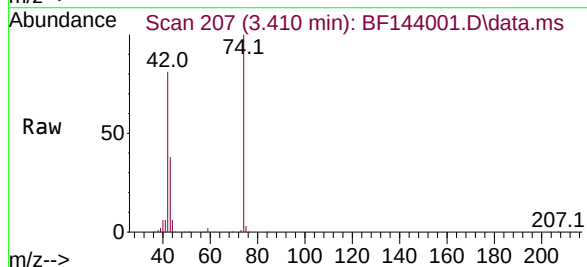
Manual Integrations  
APPROVED

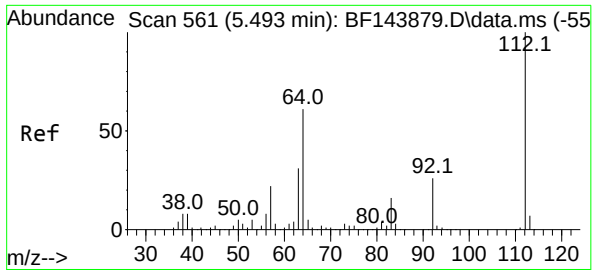
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#4  
n-Nitrosodimethylamine  
Concen: 45.643 ng  
RT: 3.410 min Scan# 207  
Delta R.T. 0.024 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion: 42 Resp: 204444  
Ion Ratio Lower Upper  
42 100  
74 122.8 90.0 135.0  
44 8.0 6.2 9.2





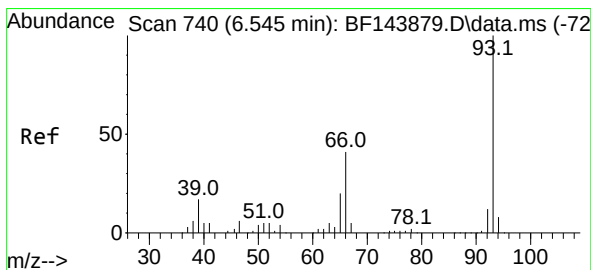
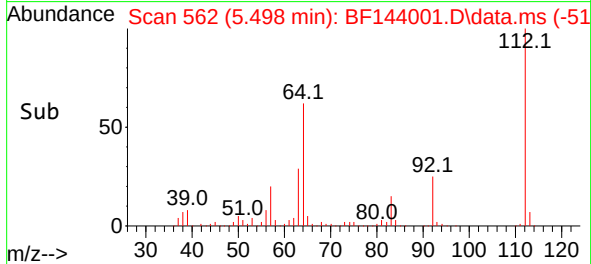
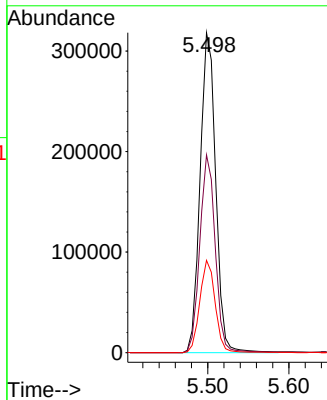
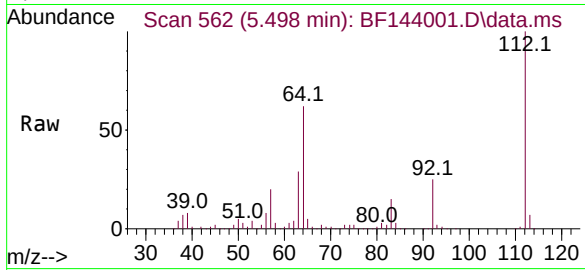
#5  
2-Fluorophenol  
Concen: 67.212 ng  
RT: 5.498 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD

Tgt Ion:112 Resp: 424824  
Ion Ratio Lower Upper  
112 100  
64 61.8 49.1 73.7  
63 28.8 24.5 36.7

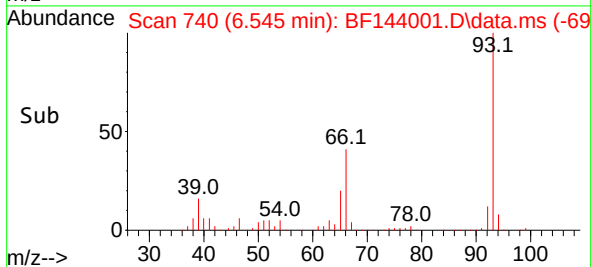
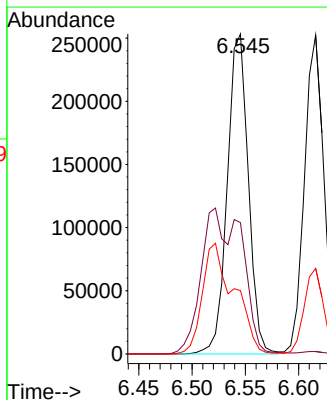
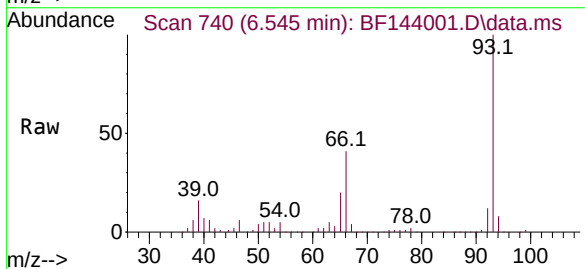
Manual Integrations  
APPROVED

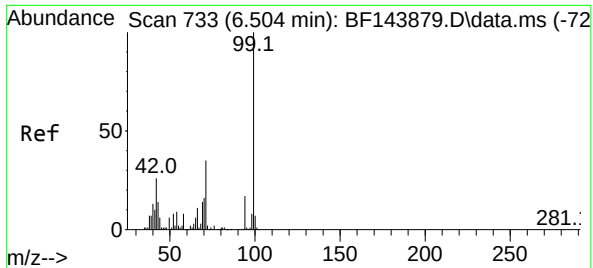
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#6  
Aniline  
Concen: 30.810 ng  
RT: 6.545 min Scan# 740  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

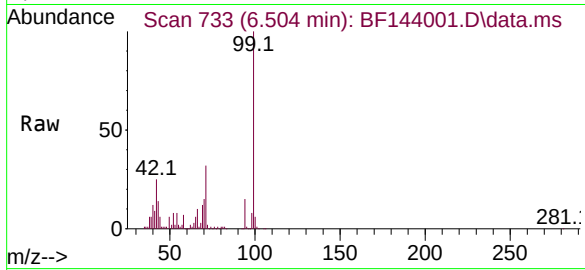
Tgt Ion: 93 Resp: 347828  
Ion Ratio Lower Upper  
93 100  
66 41.0 33.0 49.6  
65 19.8 15.8 23.8





#7  
Phenol-d6  
Concen: 68.752 ng  
RT: 6.504 min Scan# 733  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

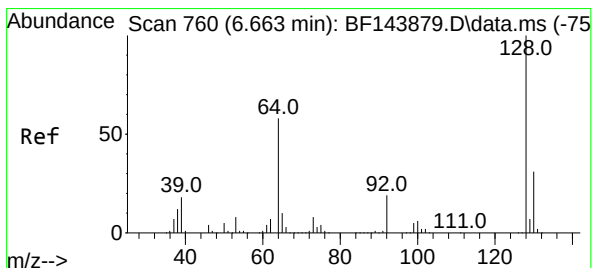
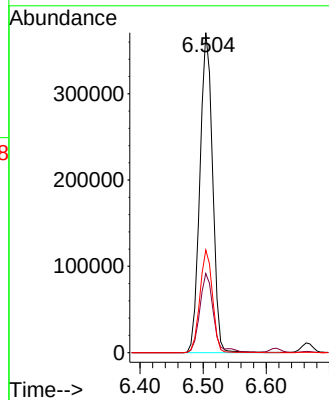
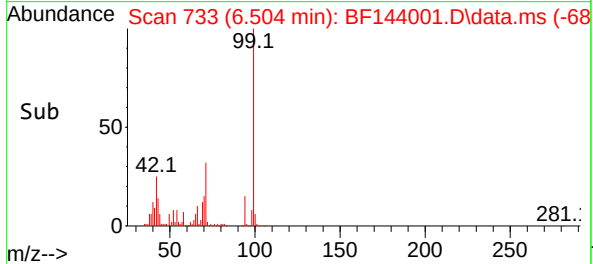
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion: 99 Resp: 517974  
Ion Ratio Lower Upper  
99 100  
42 24.7 21.0 31.4  
71 32.1 27.8 41.8

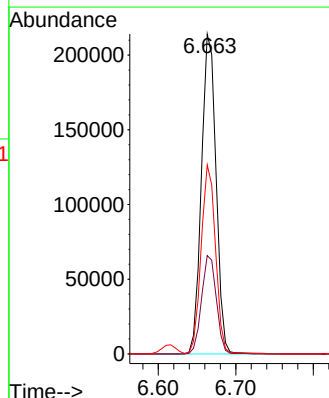
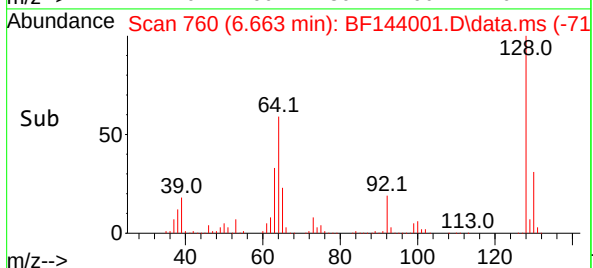
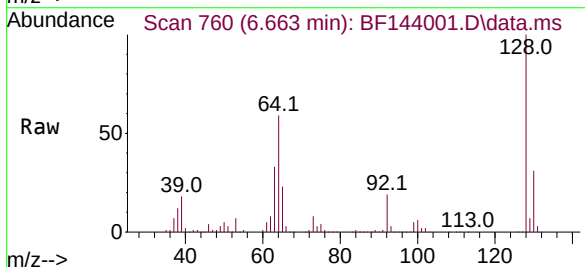
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

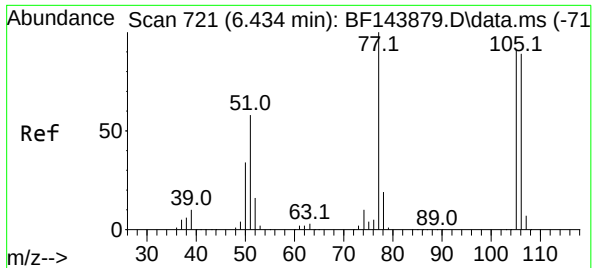


#8  
2-Chlorophenol  
Concen: 45.377 ng  
RT: 6.663 min Scan# 760  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion:128 Resp: 280357  
Ion Ratio Lower Upper  
128 100  
130 30.7 10.7 50.7  
64 59.1 39.0 79.0







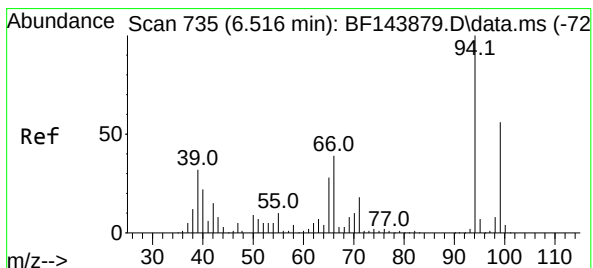
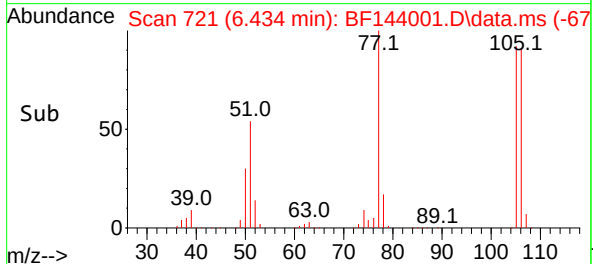
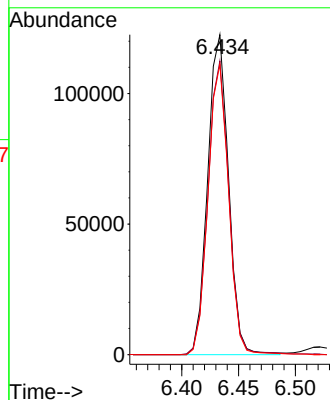
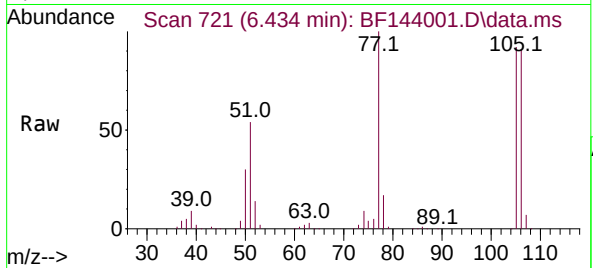
#9  
Benzaldehyde  
Concen: 26.915 ng  
RT: 6.434 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD

Tgt Ion: 77 Resp: 156420  
Ion Ratio Lower Upper  
77 100  
105 91.8 70.9 110.9  
106 90.7 68.9 108.9

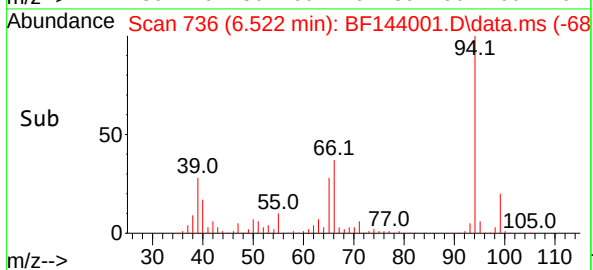
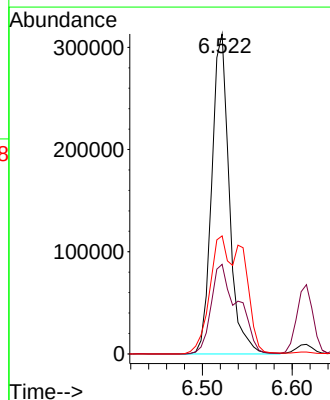
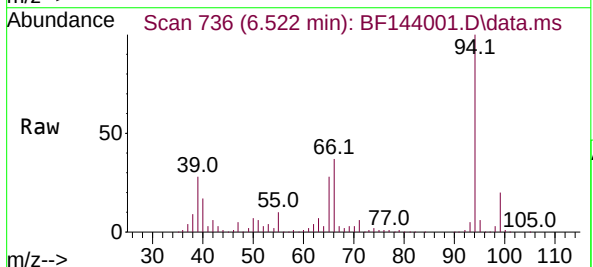
Manual Integrations  
**APPROVED**

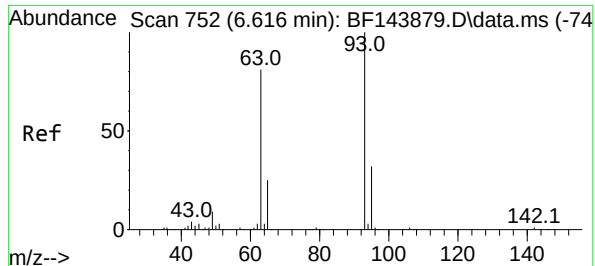
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#10  
Phenol  
Concen: 47.130 ng  
RT: 6.522 min Scan# 736  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion: 94 Resp: 424504  
Ion Ratio Lower Upper  
94 100  
65 28.0 8.5 48.5  
66 36.9 19.9 59.9





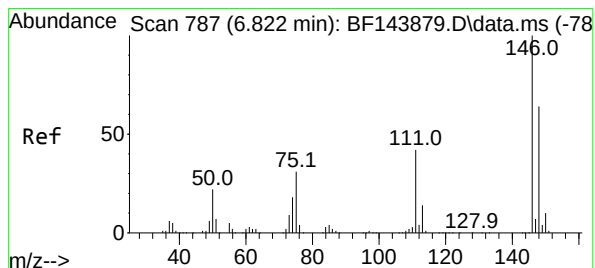
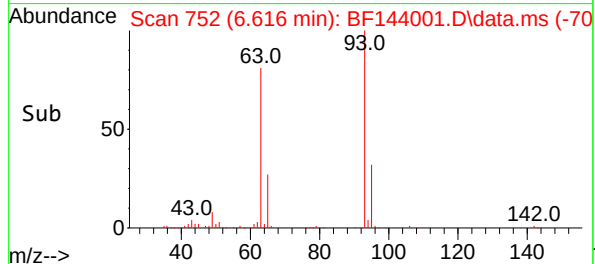
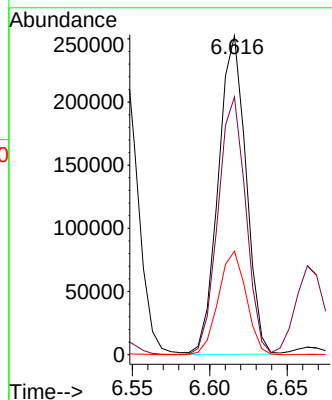
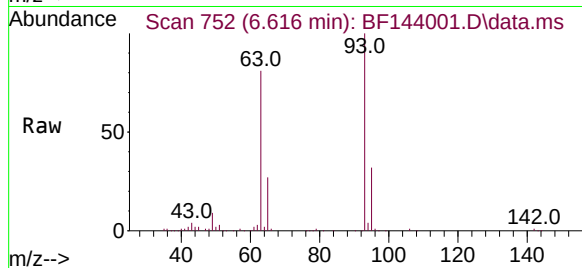
#11  
bis(2-Chloroethyl)ether  
Concen: 45.340 ng  
RT: 6.616 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD

Tgt Ion: 93 Resp: 315460  
Ion Ratio Lower Upper  
93 100  
63 80.9 60.9 100.9  
95 32.4 11.5 51.5

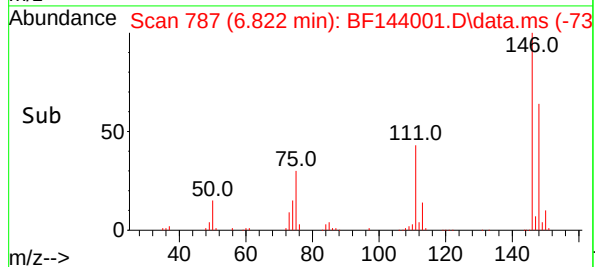
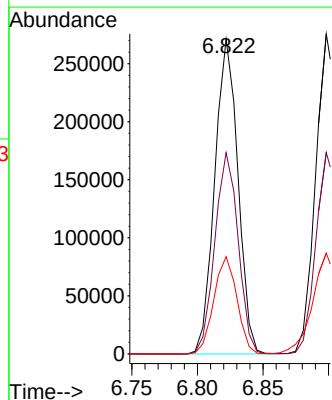
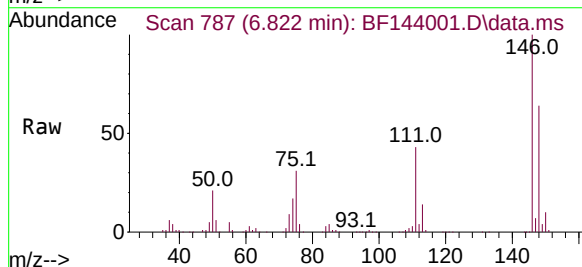
Manual Integrations  
APPROVED

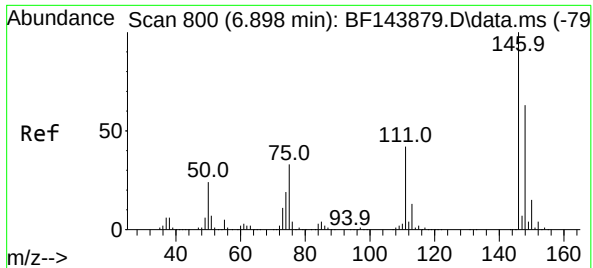
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#12  
1,3-Dichlorobenzene  
Concen: 45.257 ng  
RT: 6.822 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

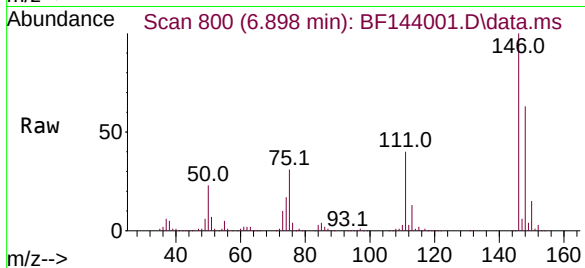
Tgt Ion:146 Resp: 334706  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.0 76.4  
75 30.9 24.9 37.3





#13  
1,4-Dichlorobenzene  
Concen: 46.864 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

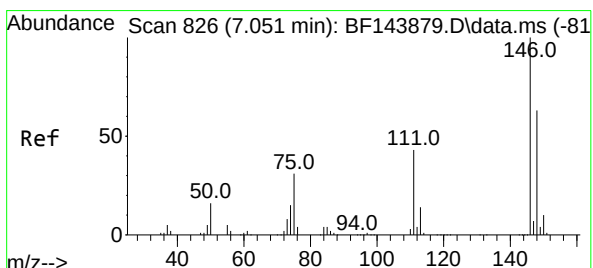
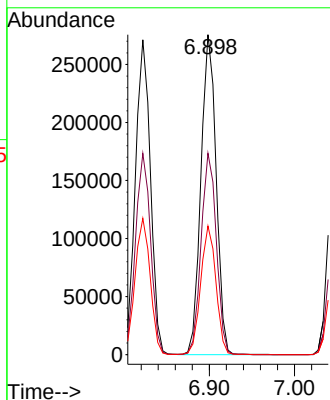
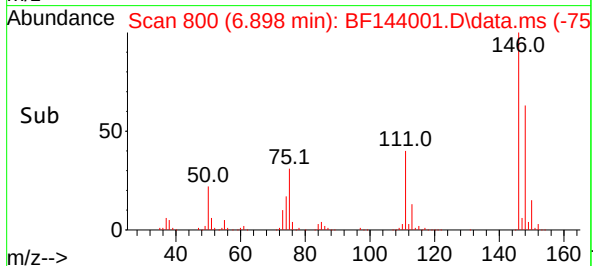
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:146 Resp: 341886  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.5 75.7  
111 40.2 33.4 50.0

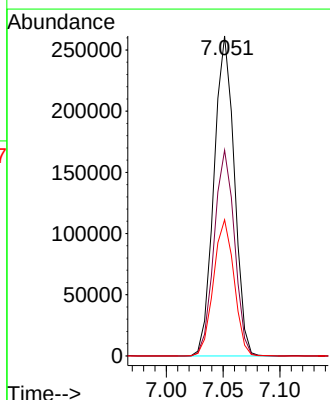
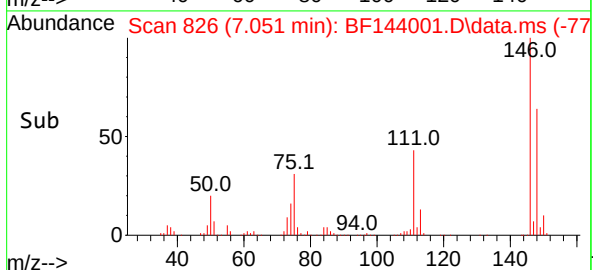
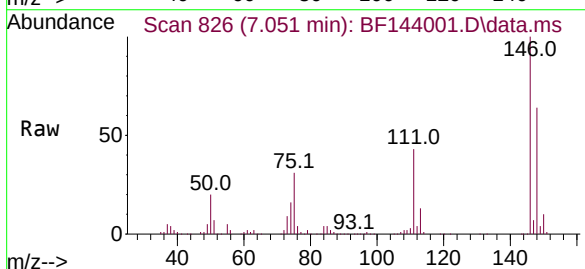
Manual Integrations  
APPROVED

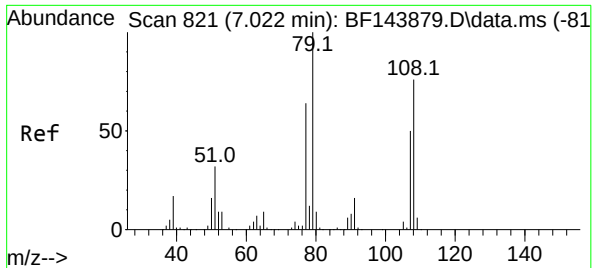
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#14  
1,2-Dichlorobenzene  
Concen: 46.644 ng  
RT: 7.051 min Scan# 826  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

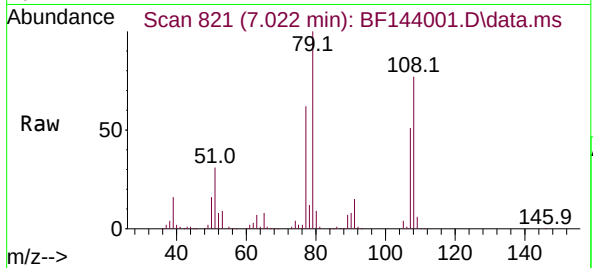
Tgt Ion:146 Resp: 325929  
Ion Ratio Lower Upper  
146 100  
148 64.3 50.6 75.8  
111 42.5 34.6 51.8





#15  
Benzyl Alcohol  
Concen: 47.273 ng  
RT: 7.022 min Scan# 821  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

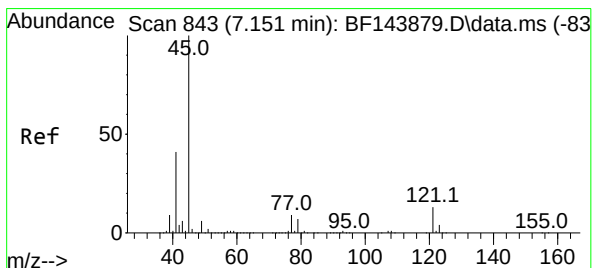
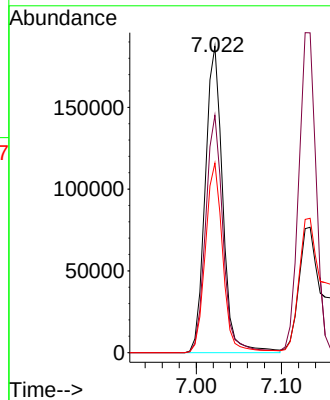
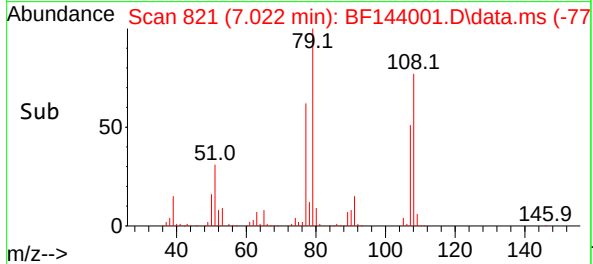
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion: 79 Resp: 266849  
Ion Ratio Lower Upper  
79 100  
108 77.5 60.8 91.2  
77 61.9 51.0 76.6

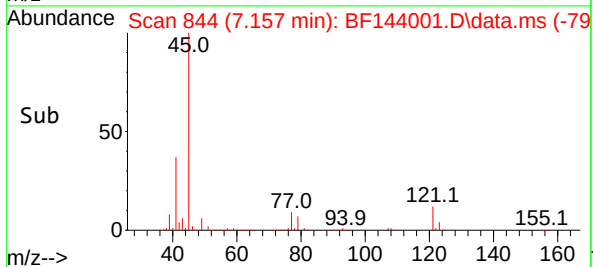
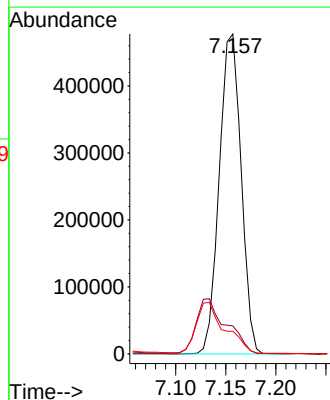
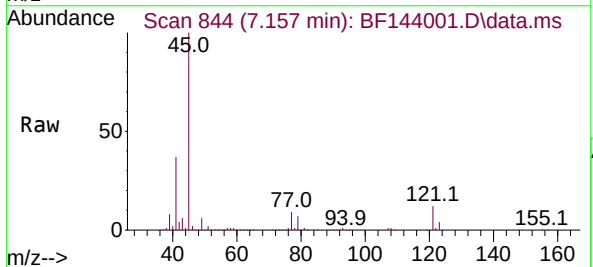
Manual Integrations  
APPROVED

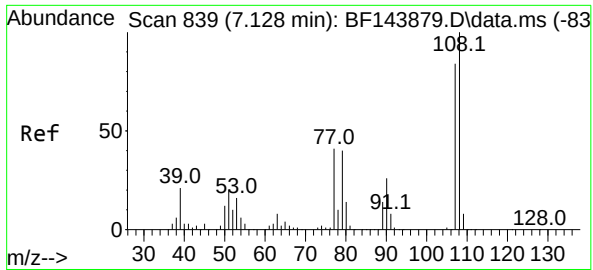
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 45.861 ng  
RT: 7.157 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

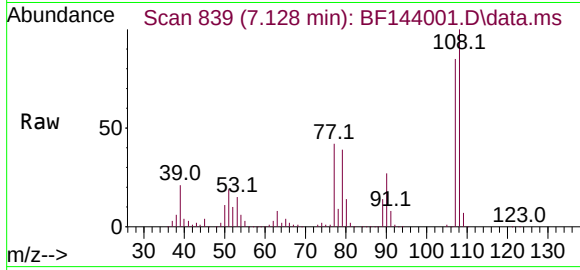
Tgt Ion: 45 Resp: 726312  
Ion Ratio Lower Upper  
45 100  
77 8.8 0.0 29.0  
79 7.0 0.0 26.8





#17  
2-Methylphenol  
Concen: 45.198 ng  
RT: 7.128 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

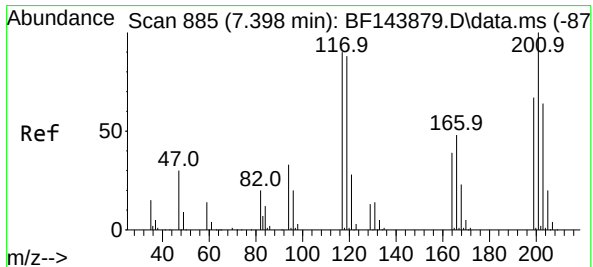
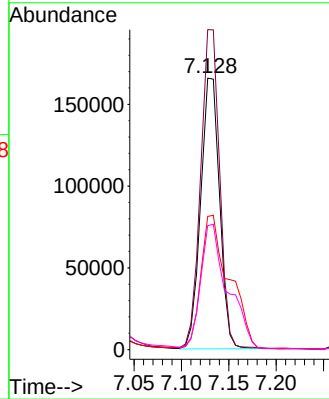
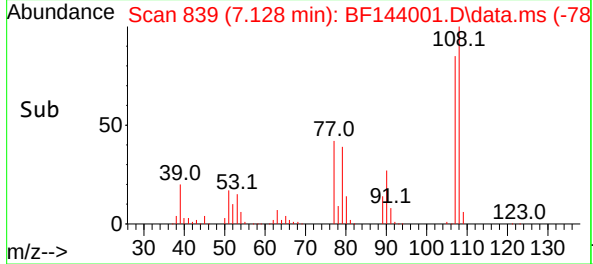
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:107 Resp: 230786  
Ion Ratio Lower Upper  
107 100  
108 117.9 94.7 142.1  
77 49.1 38.8 58.2  
79 45.7 38.3 57.5

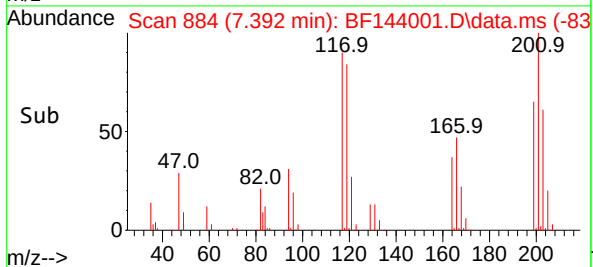
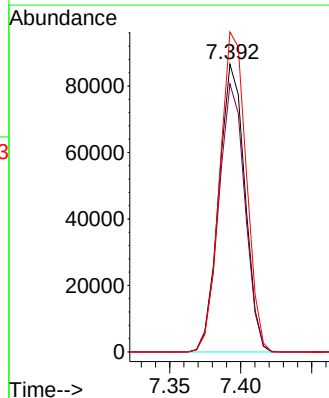
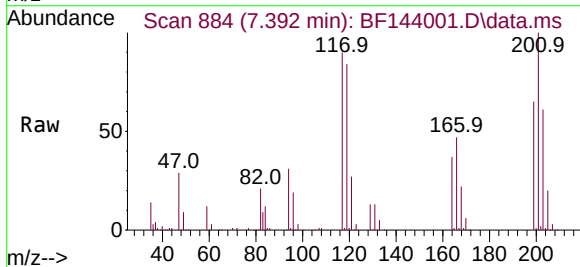
Manual Integrations  
APPROVED

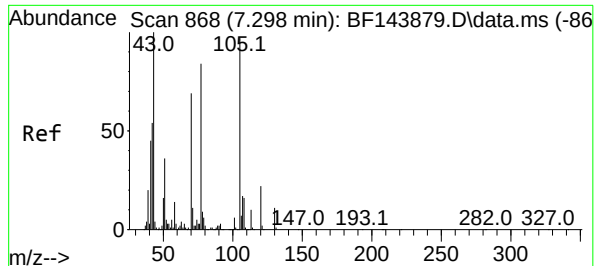
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#18  
Hexachloroethane  
Concen: 45.453 ng  
RT: 7.392 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion:117 Resp: 110583  
Ion Ratio Lower Upper  
117 100  
119 93.1 77.8 116.8  
201 111.3 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.014 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.023 min

Lab File: BF144001.D

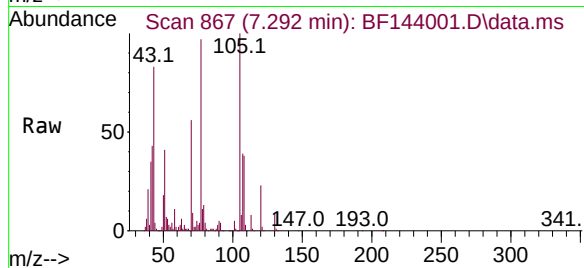
Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD



Tgt Ion: 70 Resp: 21666

Ion Ratio Lower Upper

70 100

42 76.8 62.8 94.2

101 8.2 6.7 10.1

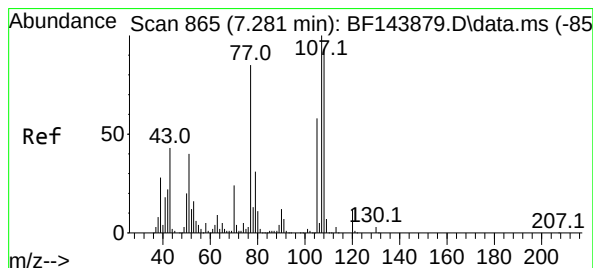
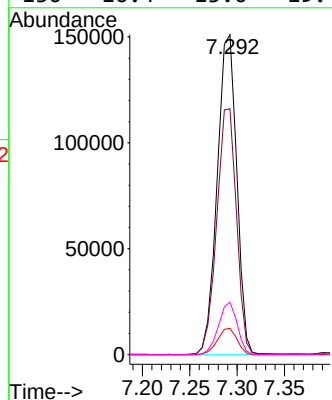
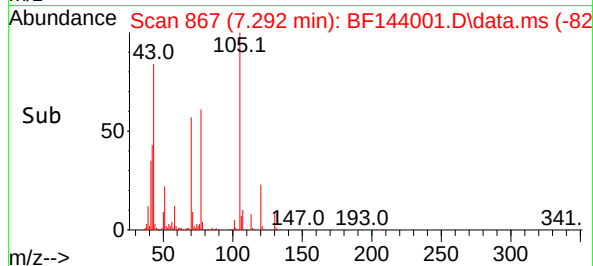
130 16.4 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#20

3+4-Methylphenols

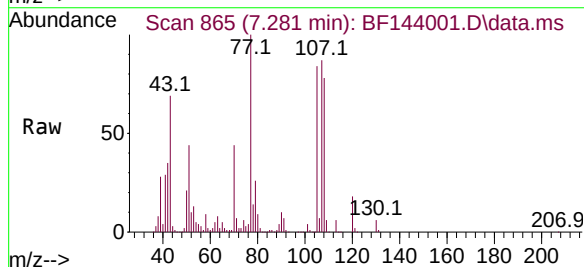
Concen: 45.251 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27



Tgt Ion:107 Resp: 267791

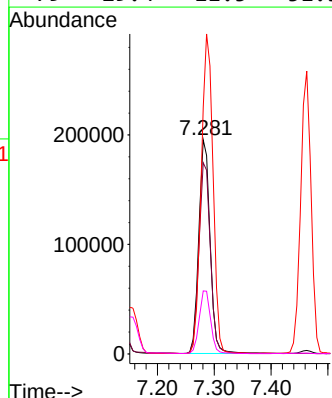
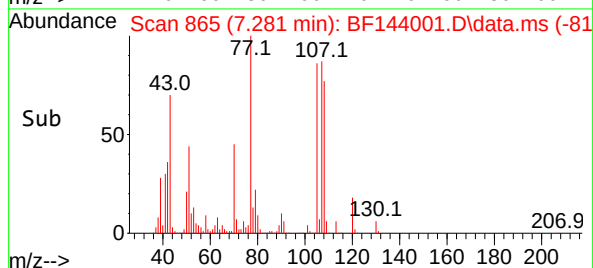
Ion Ratio Lower Upper

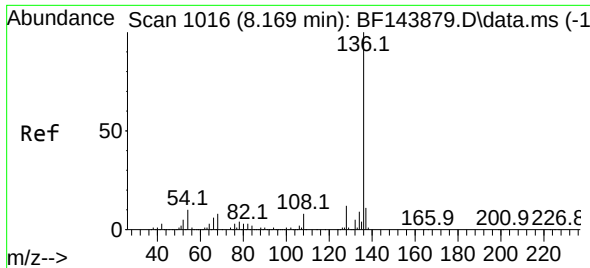
107 100

108 89.3 73.0 113.0

77 115.1 64.6 104.6#

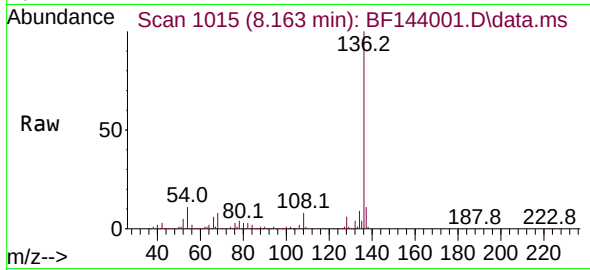
79 29.4 11.5 51.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

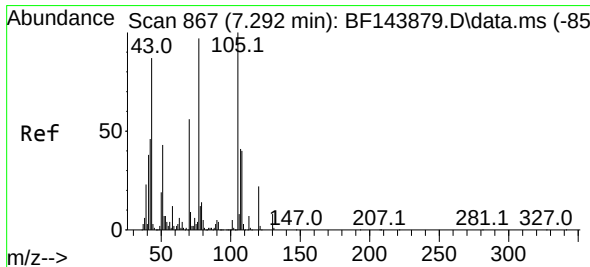
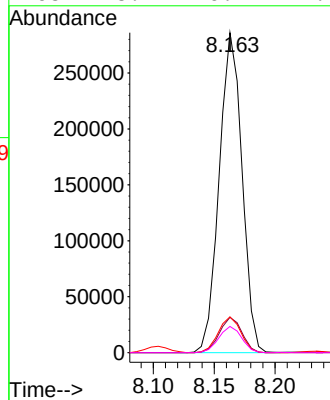
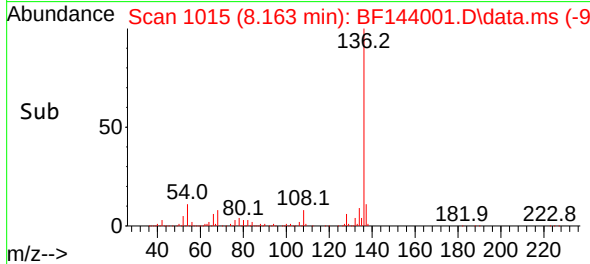
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:136 Resp: 371973  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.5 12.7  
54 11.2 8.2 12.4  
68 8.2 6.2 9.4

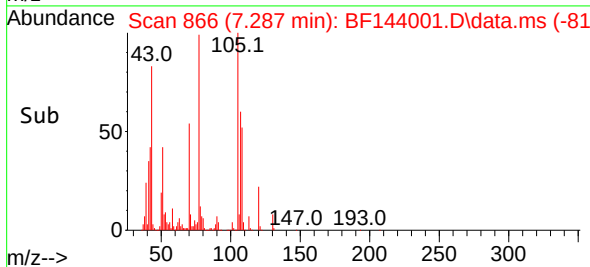
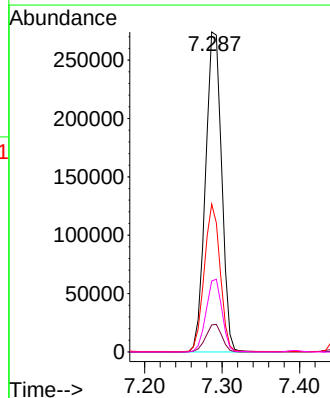
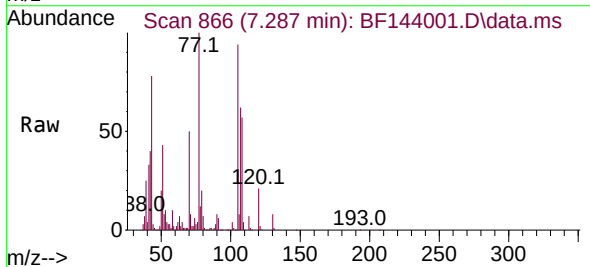
Manual Integrations  
APPROVED

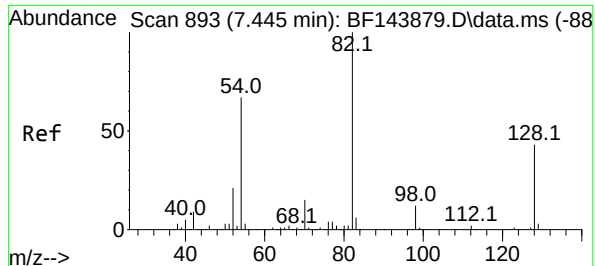
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#22  
Acetophenone  
Concen: 50.507 ng  
RT: 7.287 min Scan# 866  
Delta R.T. -0.018 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion:105 Resp: 397242  
Ion Ratio Lower Upper  
105 100  
71 8.4 7.4 11.0  
51 46.2 34.2 51.4  
120 22.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 46.387 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion: 82 Resp: 284005

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

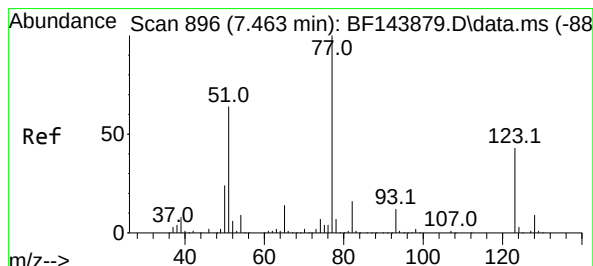
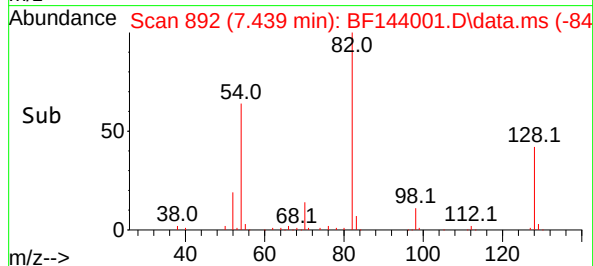
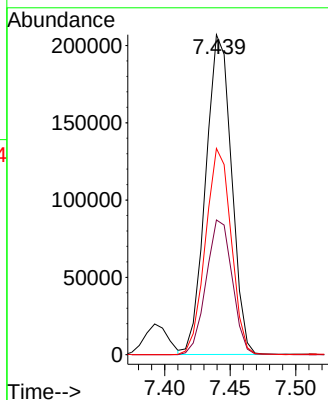
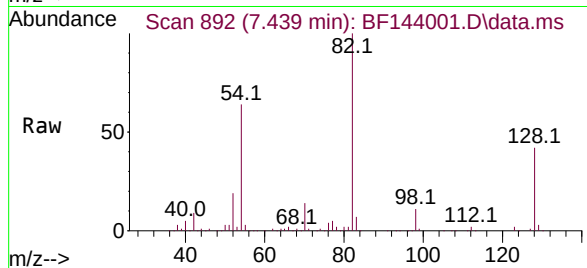
54 64.4 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#24

Nitrobenzene

Concen: 48.565 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

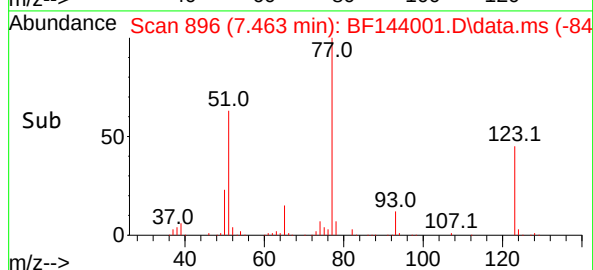
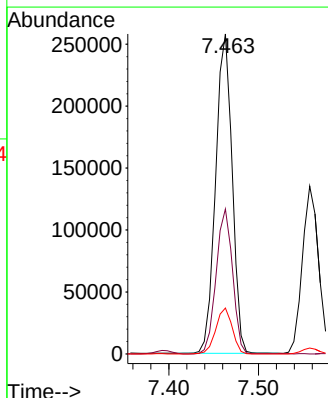
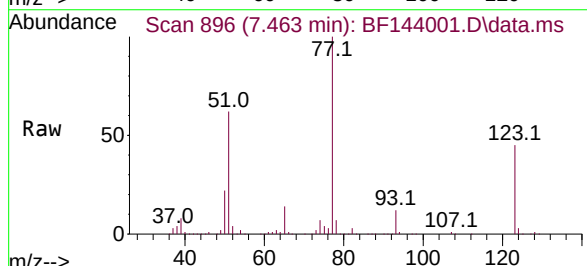
Tgt Ion: 77 Resp: 330200

Ion Ratio Lower Upper

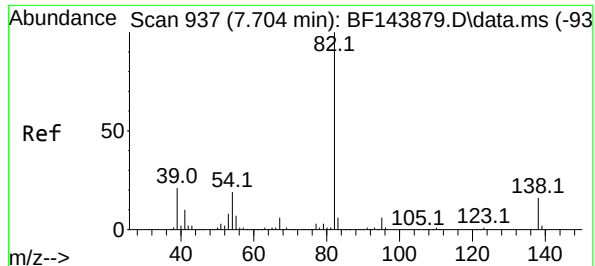
77 100

123 45.3 34.2 51.4

65 14.3 11.0 16.6







#25

Isophorone

Concen: 45.065 ng

RT: 7.698 min Scan# 936

Delta R.T. -0.023 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion: 82 Resp: 581778

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

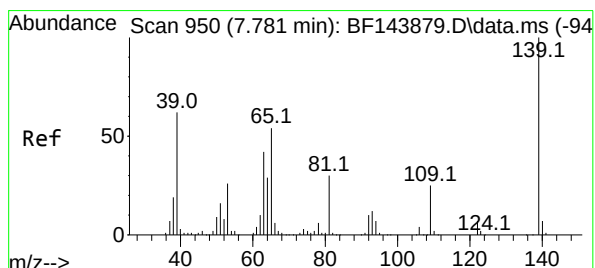
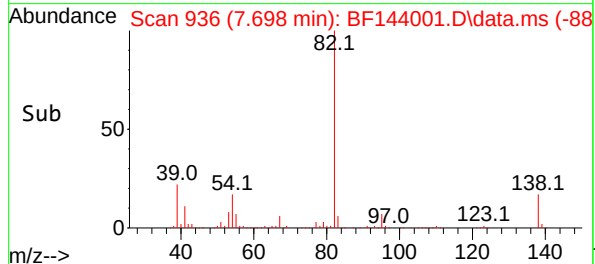
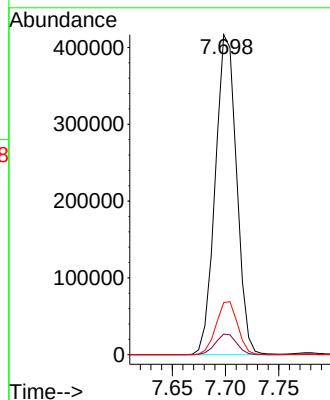
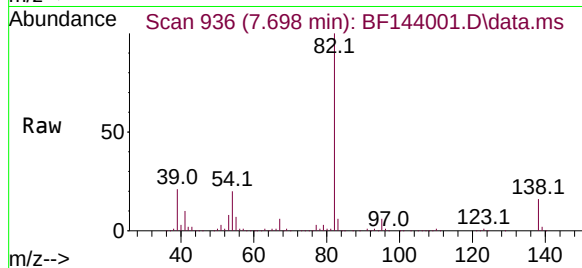
138 16.3 12.9 19.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#26

2-Nitrophenol

Concen: 53.695 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

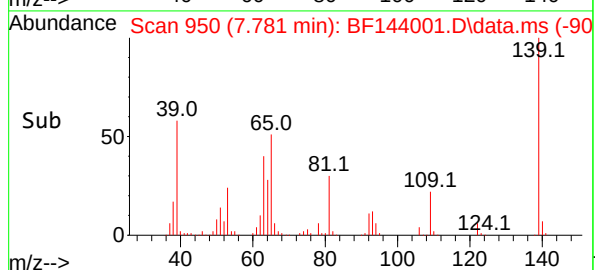
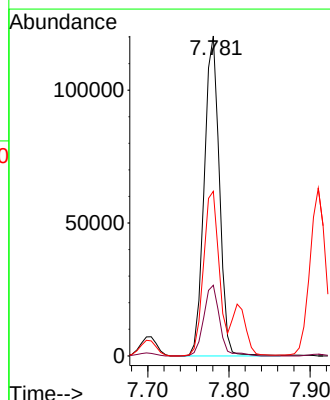
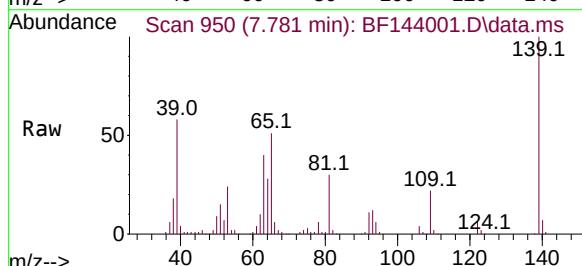
Tgt Ion:139 Resp: 156521

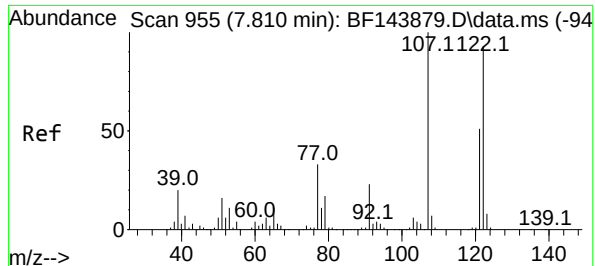
Ion Ratio Lower Upper

139 100

109 22.1 19.8 29.6

65 51.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 50.078 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:122 Resp: 262595

Ion Ratio Lower Upper

122 100

107 107.7 86.1 129.1

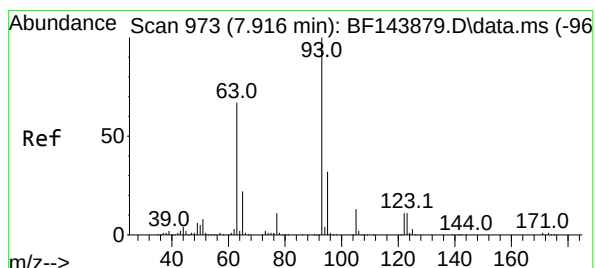
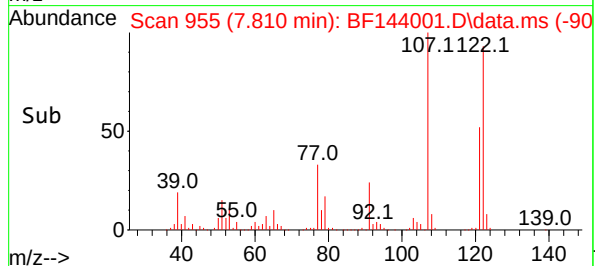
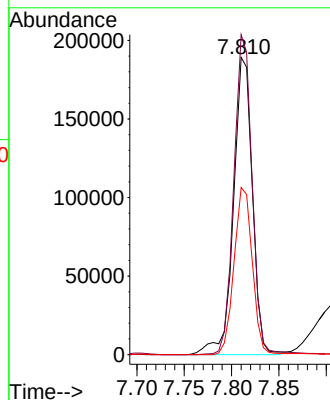
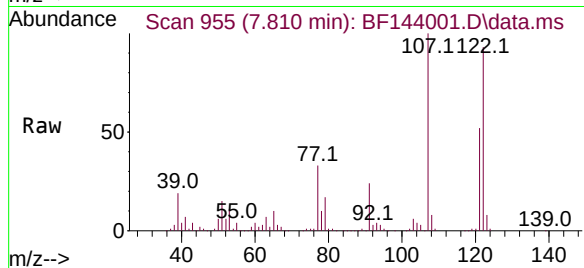
121 56.2 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#28

bis(2-Chloroethoxy)methane

Concen: 45.407 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

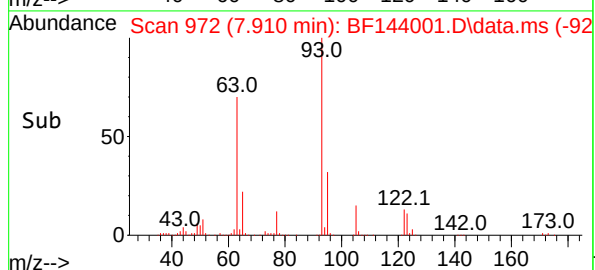
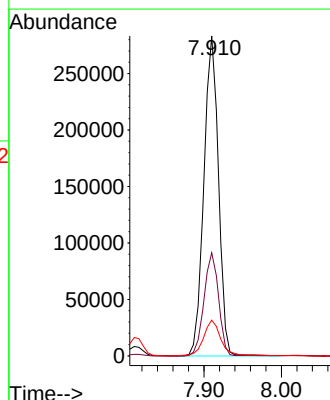
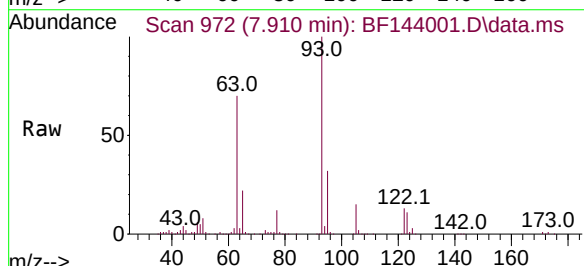
Tgt Ion: 93 Resp: 370290

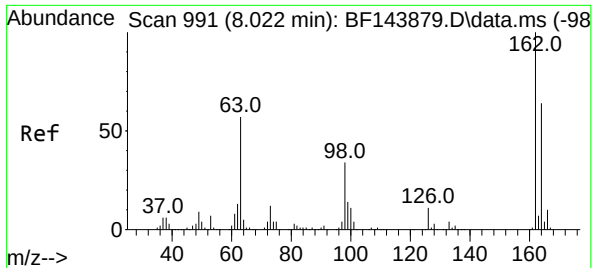
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

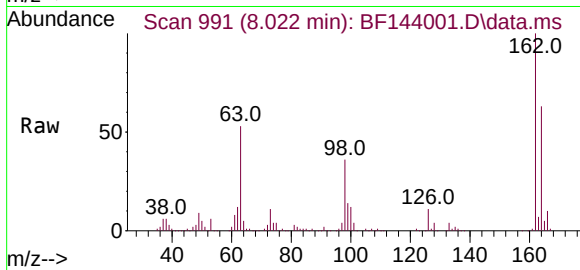
123 11.2 9.4 14.0





#29  
2,4-Dichlorophenol  
Concen: 45.533 ng  
RT: 8.022 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

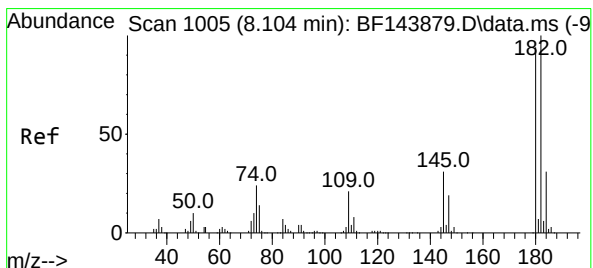
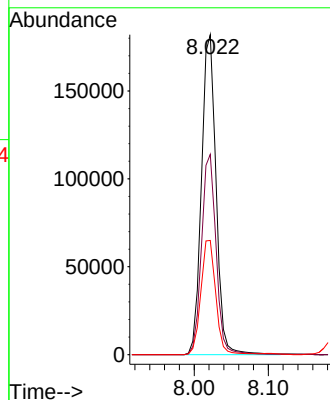
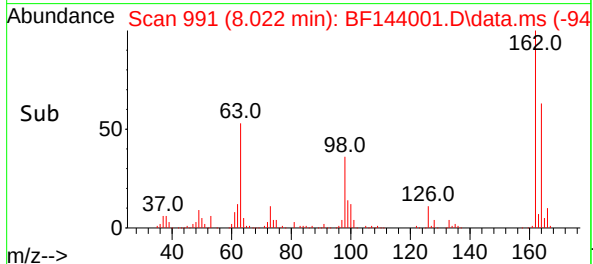
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



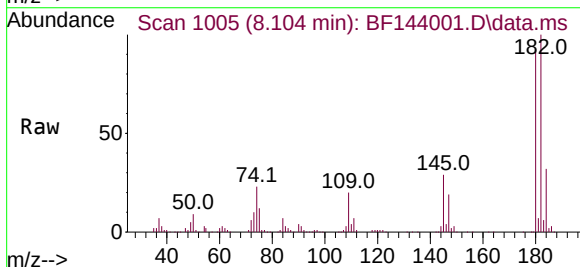
Tgt Ion:162 Resp: 248700  
Ion Ratio Lower Upper  
162 100  
164 62.6 43.9 83.9  
98 35.7 14.4 54.4

Manual Integrations  
**APPROVED**

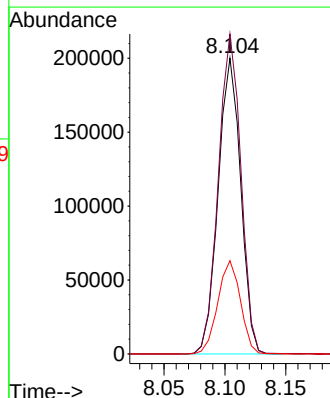
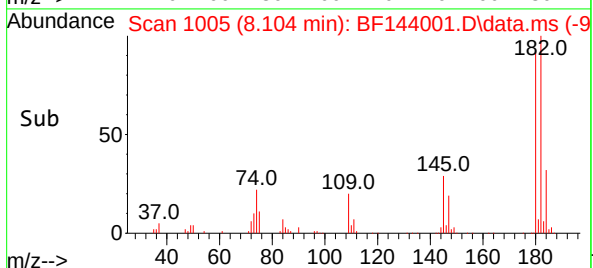
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

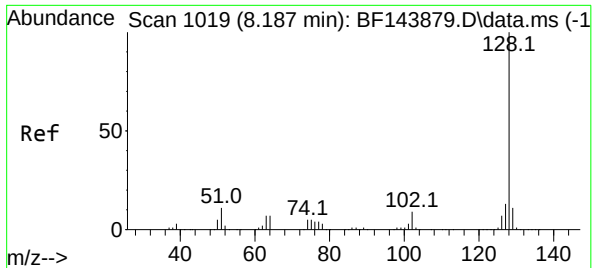


#30  
1,2,4-Trichlorobenzene  
Concen: 47.986 ng  
RT: 8.104 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27



Tgt Ion:180 Resp: 257772  
Ion Ratio Lower Upper  
180 100  
182 108.2 85.4 128.0  
145 31.5 26.3 39.5





#31

Naphthalene

Concen: 45.519 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:128 Resp: 770212

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

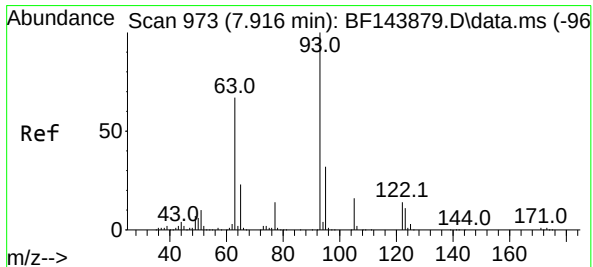
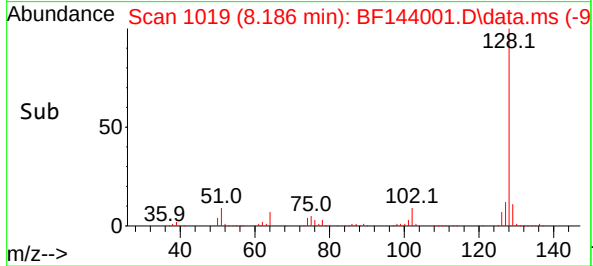
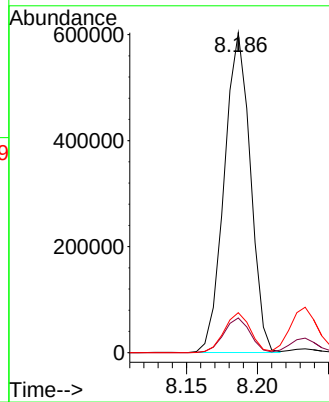
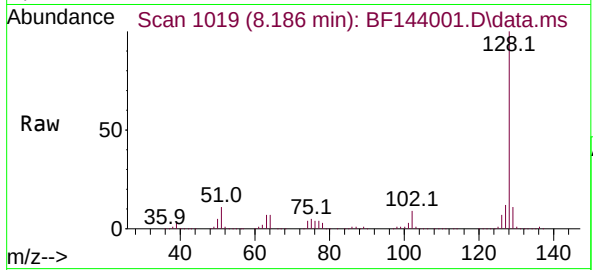
127 12.5 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#32

Benzoic acid

Concen: 42.190 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

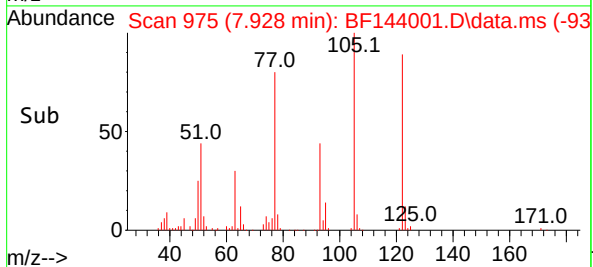
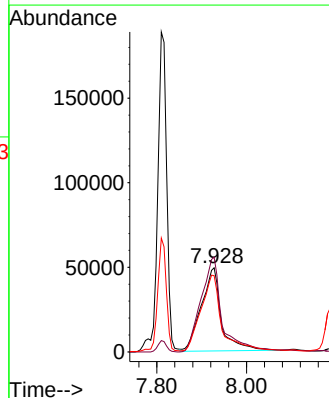
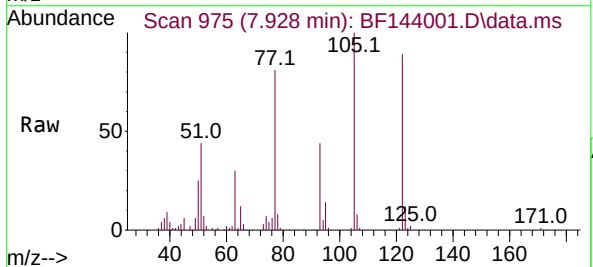
Tgt Ion:122 Resp: 153108

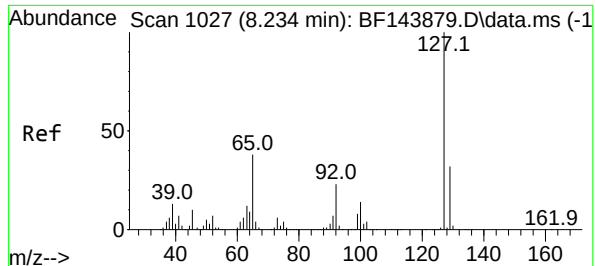
Ion Ratio Lower Upper

122 100

105 112.6 93.5 133.5

77 90.7 76.3 116.3





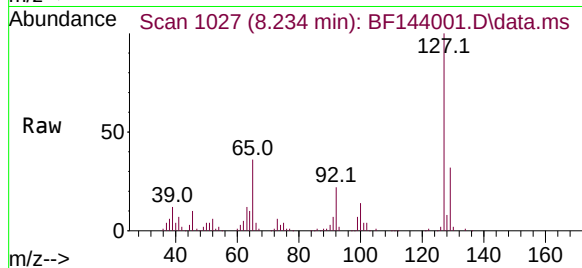
#33  
4-Chloroaniline  
Concen: 19.437 ng  
RT: 8.234 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

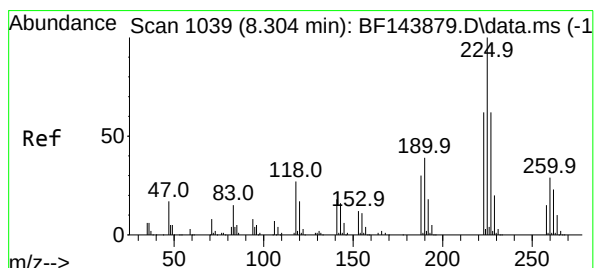
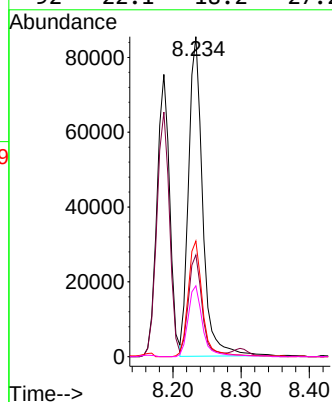
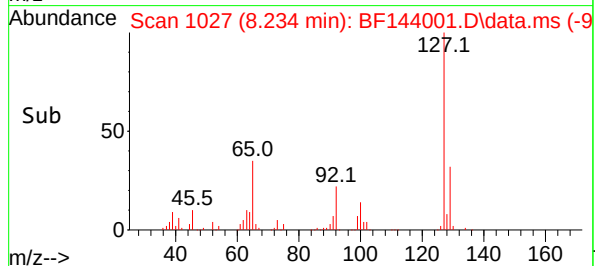


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.8  | 25.8  | 38.8  |
| 65      | 36.1  | 30.0  | 45.0  |
| 92      | 22.1  | 18.2  | 27.2  |

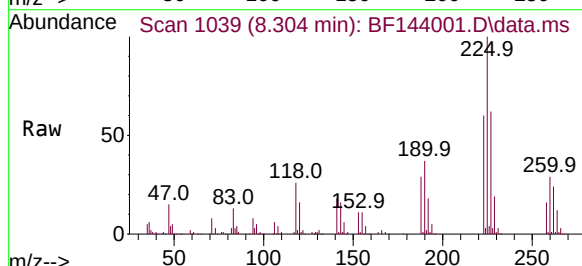
Manual Integrations

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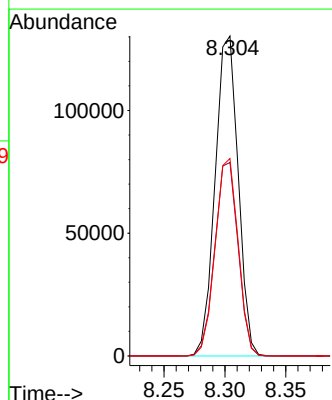
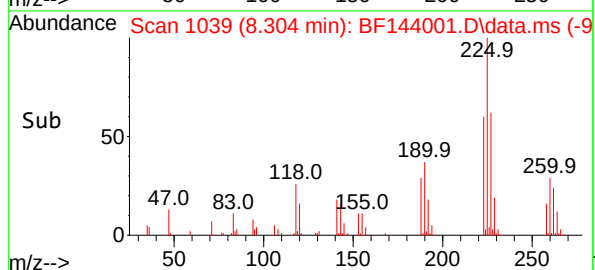
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

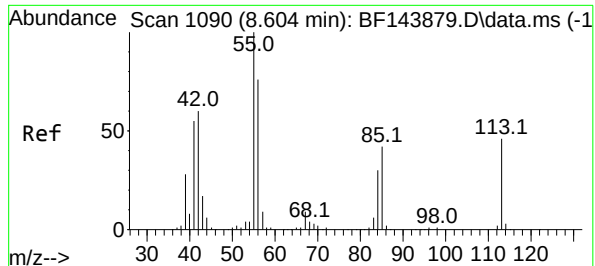


#34  
Hexachlorobutadiene  
Concen: 45.837 ng  
RT: 8.304 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.4  | 49.4  | 74.2  |
| 227     | 61.7  | 49.7  | 74.5  |





#35

Caprolactam

Concen: 45.033 ng

RT: 8.598 min Scan# 1089

Delta R.T. -0.047 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:113 Resp: 78209

Ion Ratio Lower Upper

113 100

55 217.3 199.6 239.6

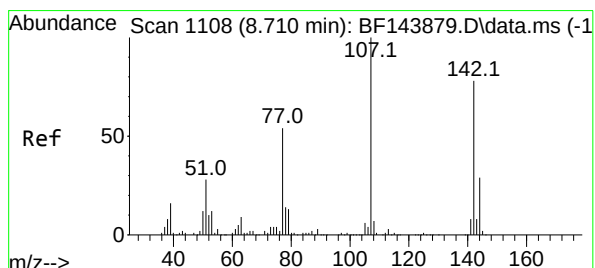
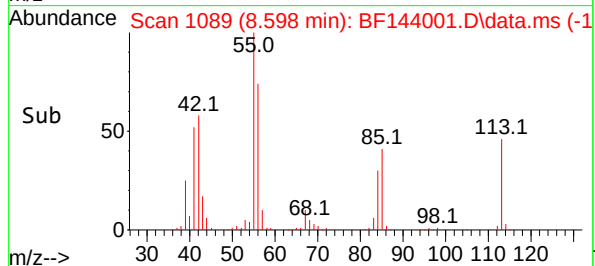
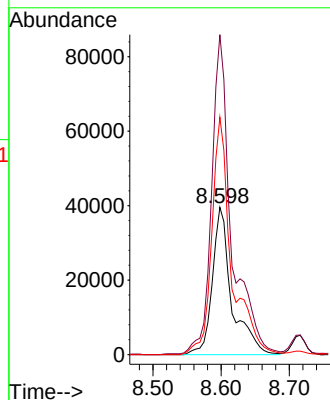
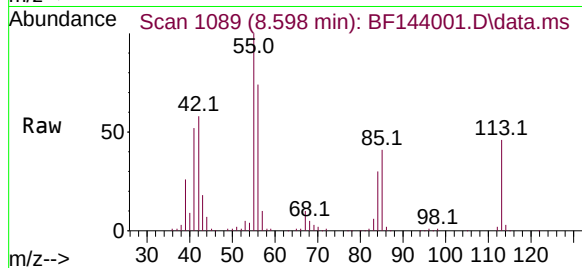
56 161.2 146.0 186.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#36

4-Chloro-3-methylphenol

Concen: 44.644 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

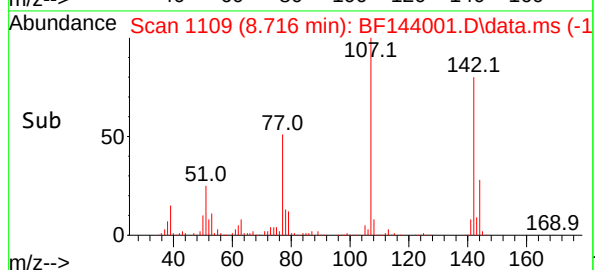
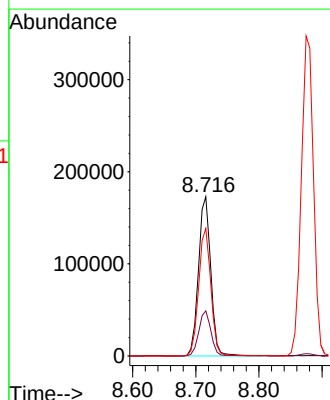
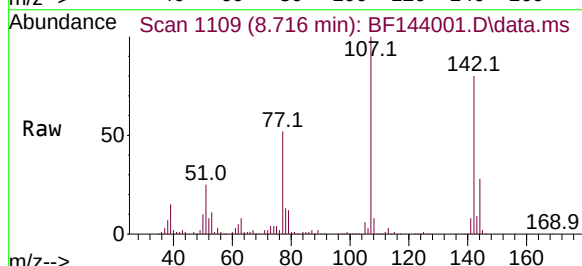
Tgt Ion:107 Resp: 234233

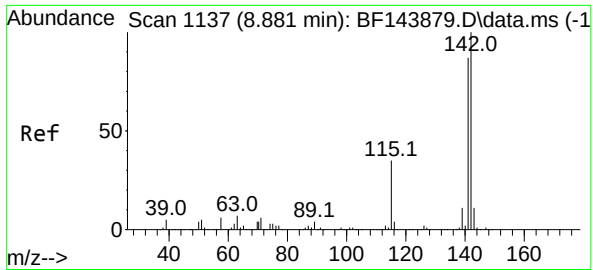
Ion Ratio Lower Upper

107 100

144 28.3 23.1 34.7

142 80.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 41.016 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:142 Resp: 462308

Ion Ratio Lower Upper

142 100

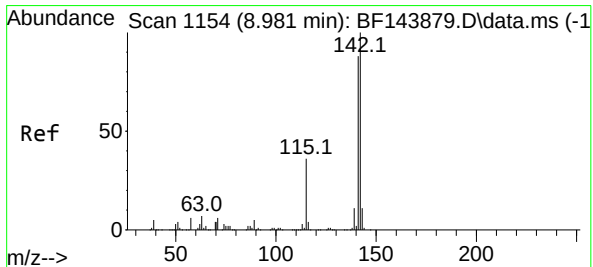
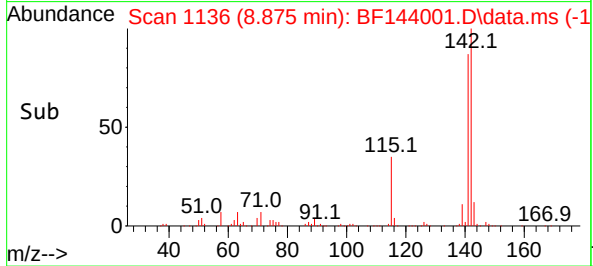
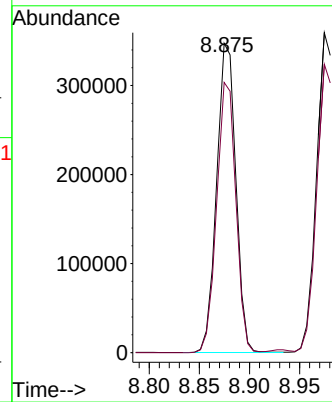
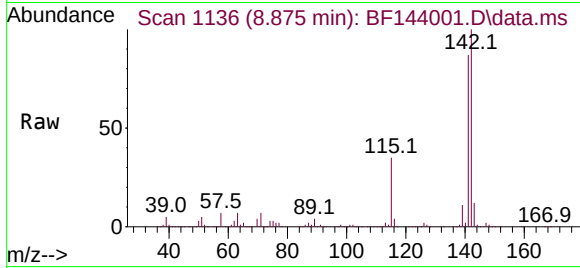
141 87.3 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#38

1-Methylnaphthalene

Concen: 43.027 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF144001.D

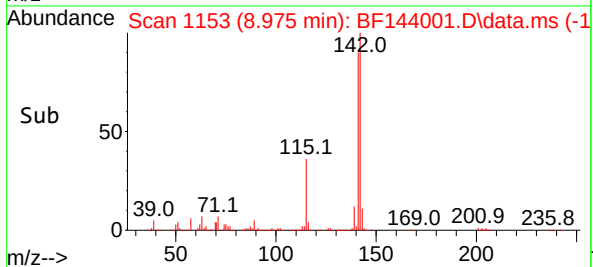
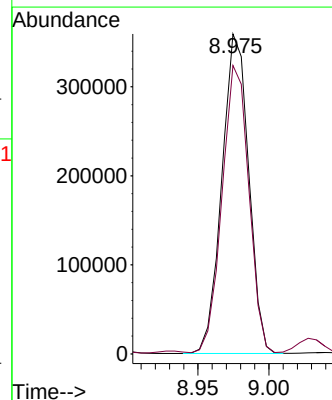
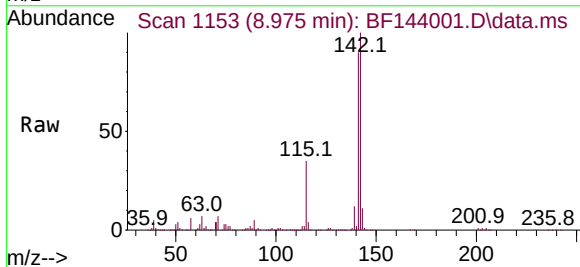
Acq: 20 Oct 2025 16:27

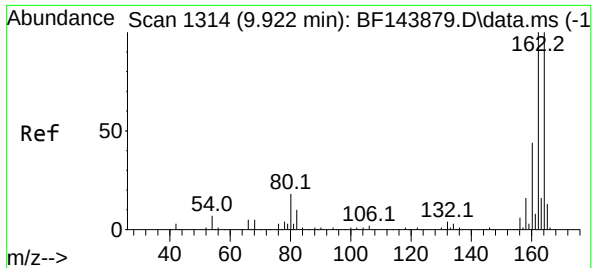
Tgt Ion:142 Resp: 470408

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144001.D

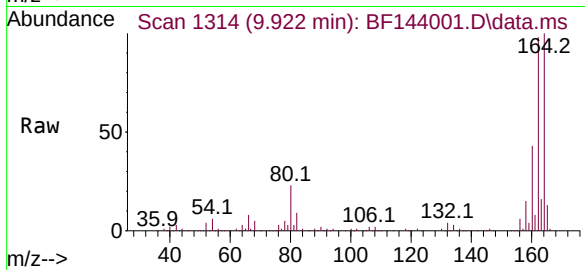
Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD



Tgt Ion:164 Resp: 192676

Ion Ratio Lower Upper

164 100

162 98.3 80.2 120.2

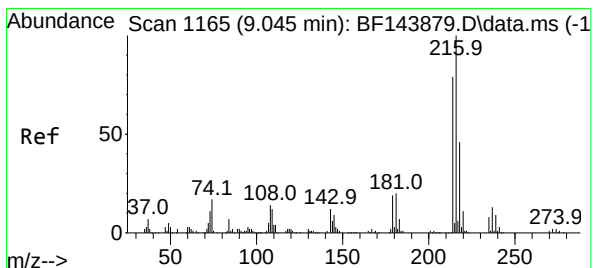
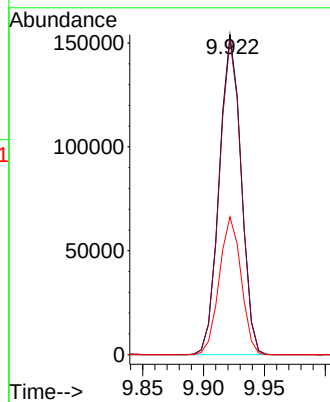
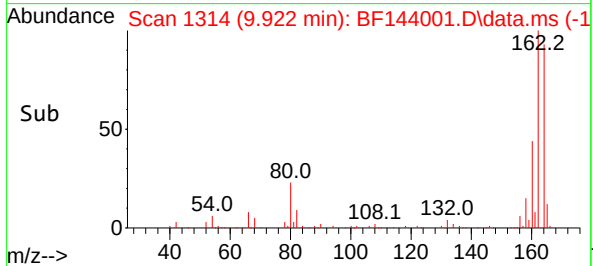
160 43.0 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.787 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Tgt Ion:216 Resp: 270457

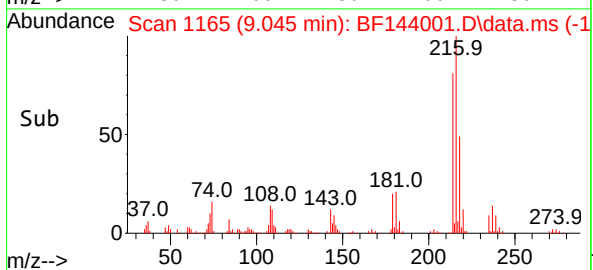
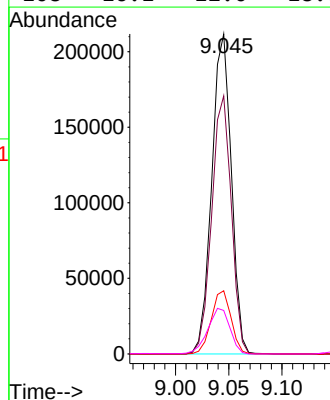
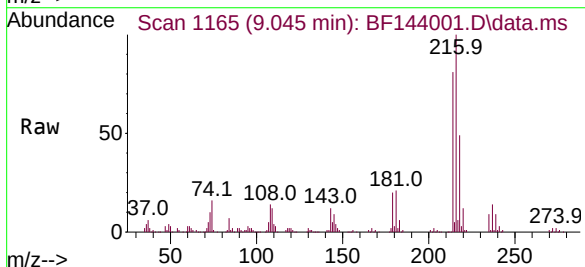
Ion Ratio Lower Upper

216 100

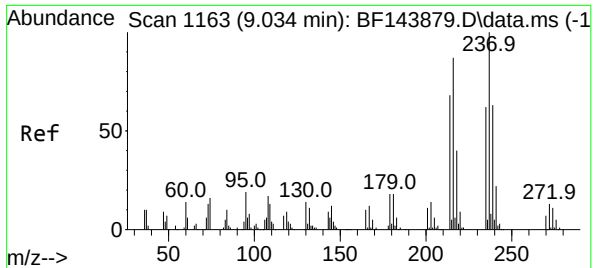
214 80.9 62.6 94.0

179 19.9 15.4 23.0

108 16.1 12.0 18.0







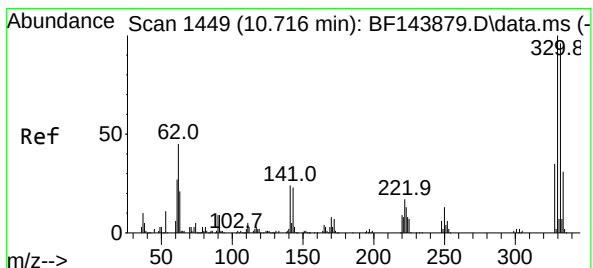
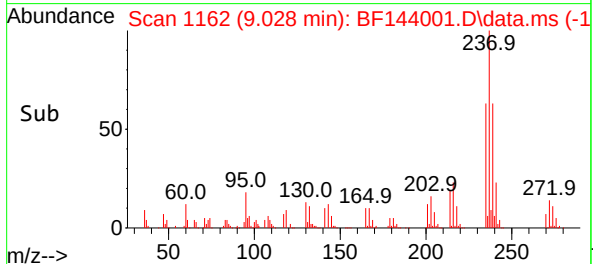
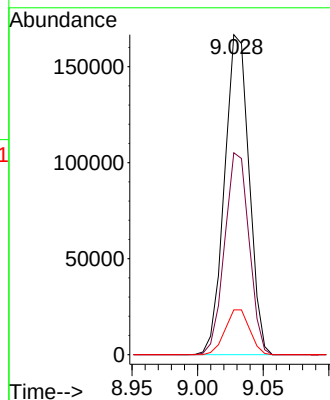
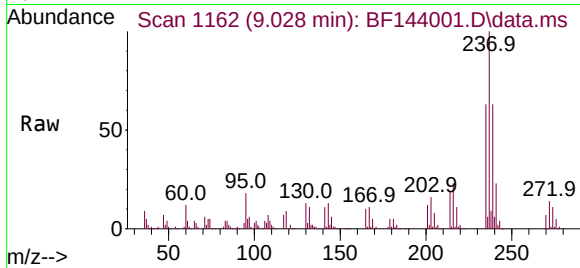
#41  
Hexachlorocyclopentadiene  
Concen: 98.353 ng  
RT: 9.028 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD

Tgt Ion: 237 Resp: 21728  
Ion Ratio Lower Upper  
237 100  
235 63.1 42.3 82.3  
272 14.0 0.0 33.1

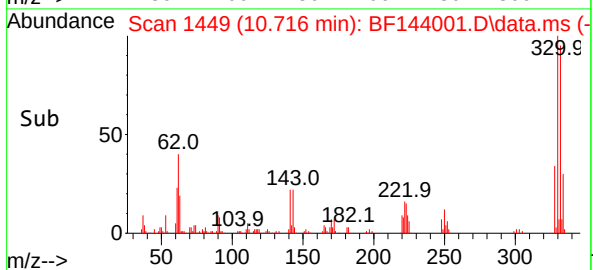
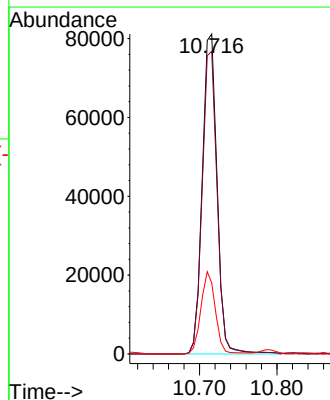
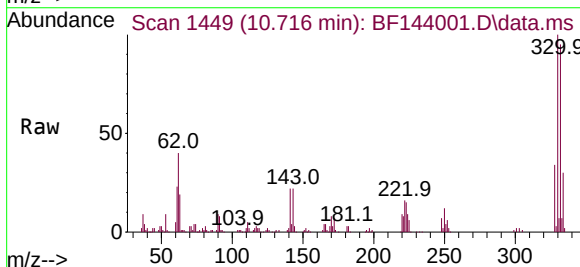
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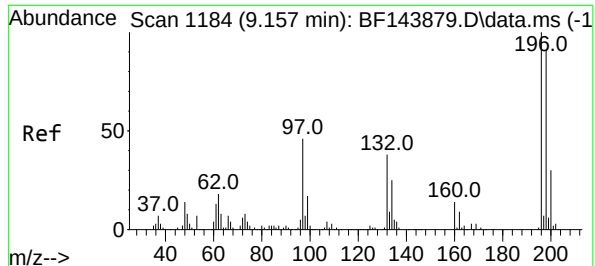
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#42  
2,4,6-Tribromophenol  
Concen: 55.916 ng  
RT: 10.716 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion: 330 Resp: 107308  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.9 115.3  
141 25.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 45.503 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:196 Resp: 177052

Ion Ratio Lower Upper

196 100

198 95.7 72.8 109.2

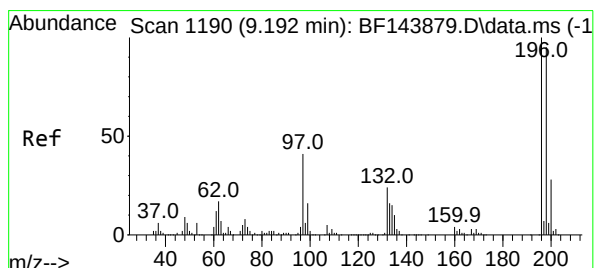
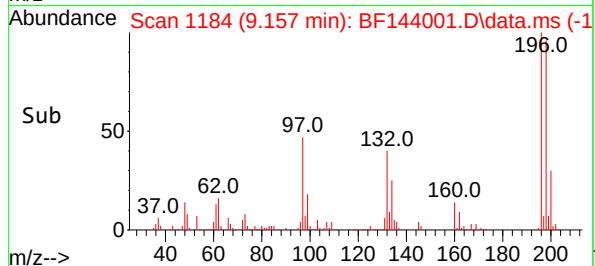
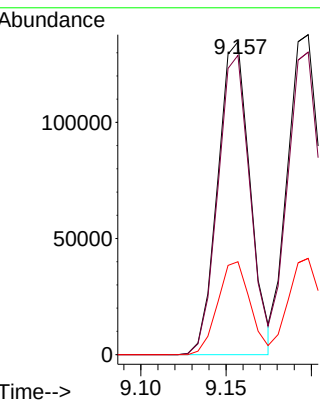
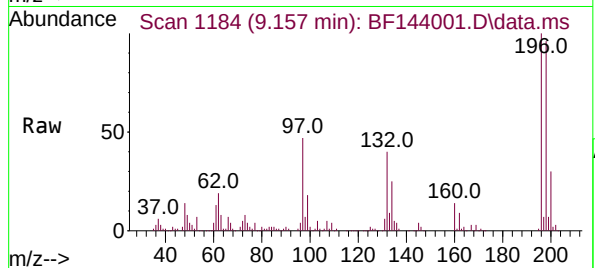
200 29.7 24.0 36.0

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Supervised By :Jagrut Upadhyay 10/21/2025



#44

2,4,5-Trichlorophenol

Concen: 46.289 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Tgt Ion:196 Resp: 190334

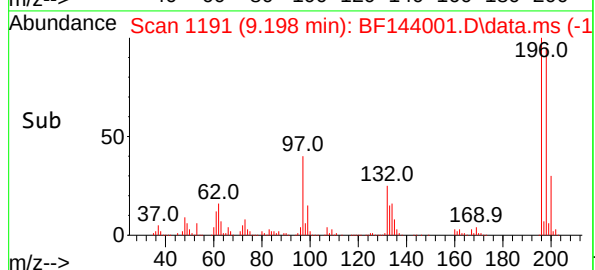
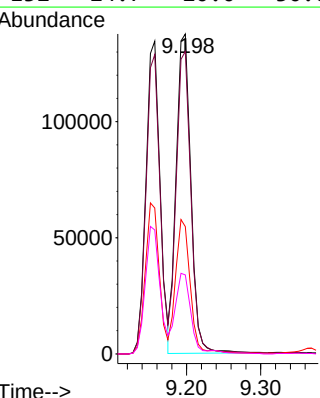
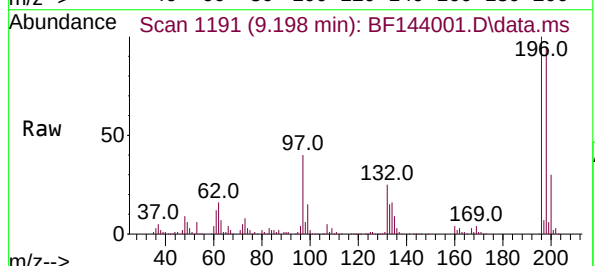
Ion Ratio Lower Upper

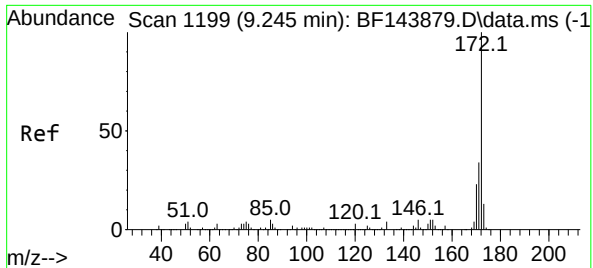
196 100

198 94.5 75.5 113.3

97 39.8 33.9 50.9

132 24.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 32.157 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:172 Resp: 390476

Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

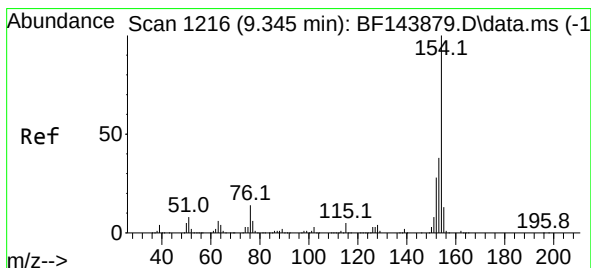
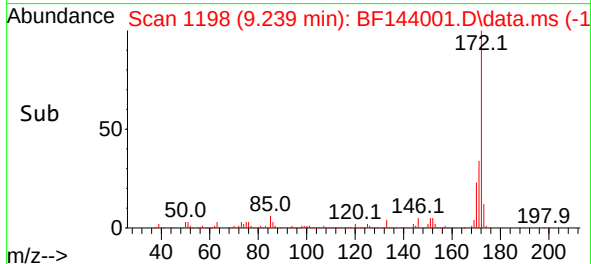
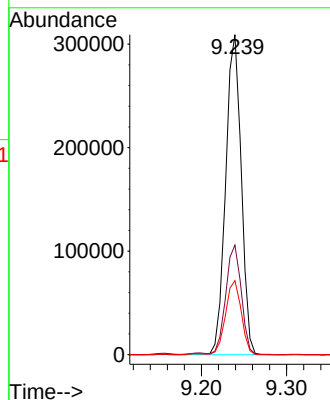
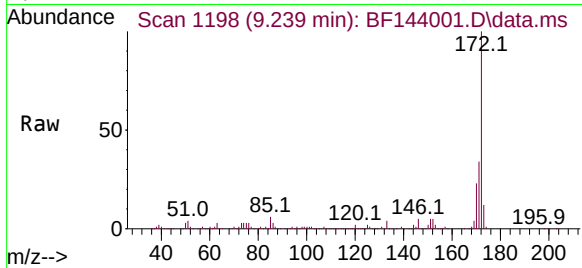
170 23.1 18.6 28.0

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#46

1,1'-Biphenyl

Concen: 51.079 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

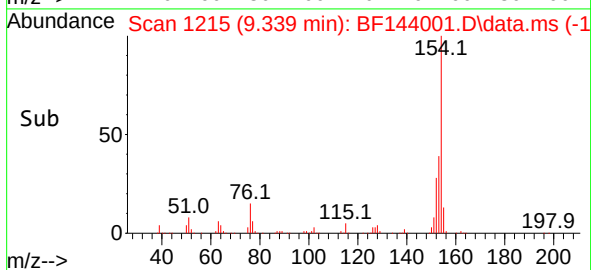
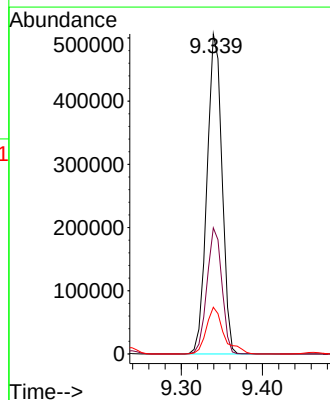
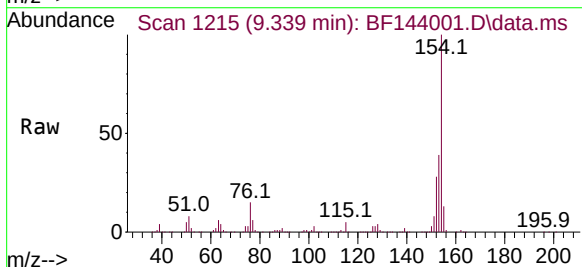
Tgt Ion:154 Resp: 651603

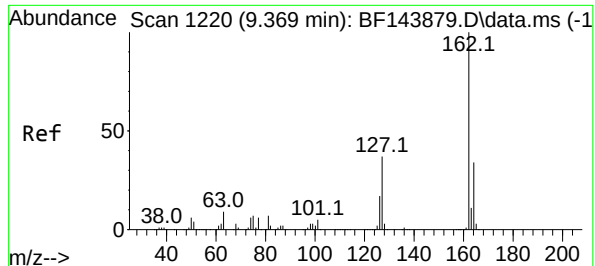
Ion Ratio Lower Upper

154 100

153 39.4 18.4 58.4

76 14.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 46.921 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:162 Resp: 499056

Ion Ratio Lower Upper

162 100

127 35.1 30.2 45.2

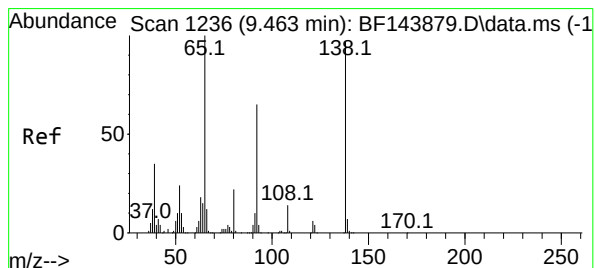
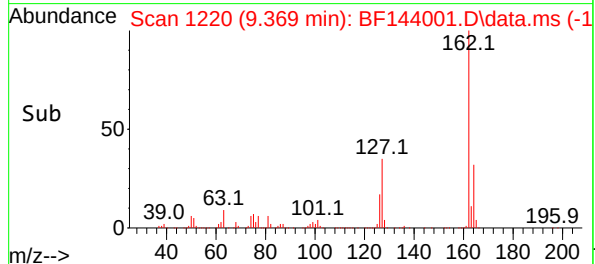
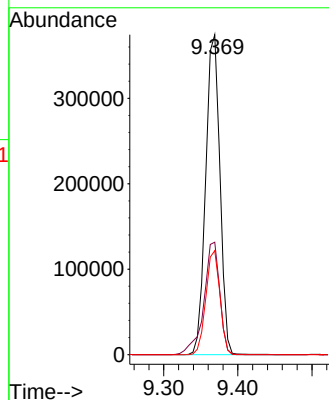
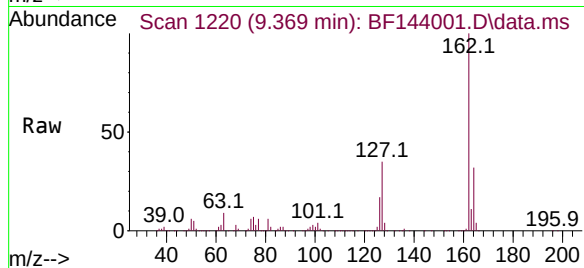
164 32.5 26.9 40.3

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#48

2-Nitroaniline

Concen: 50.378 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

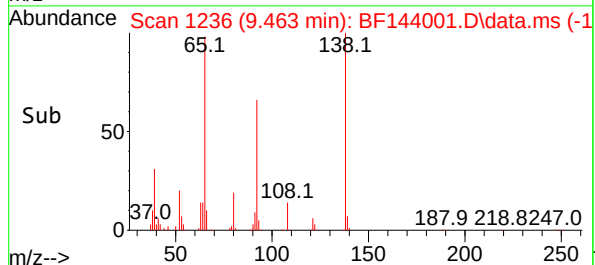
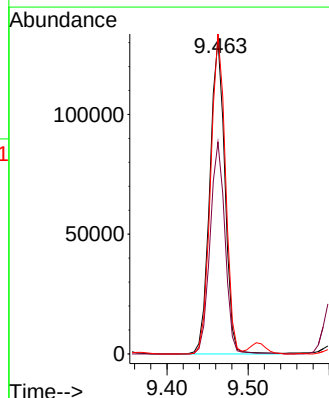
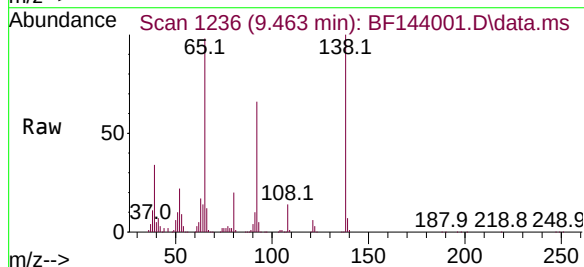
Tgt Ion: 65 Resp: 169406

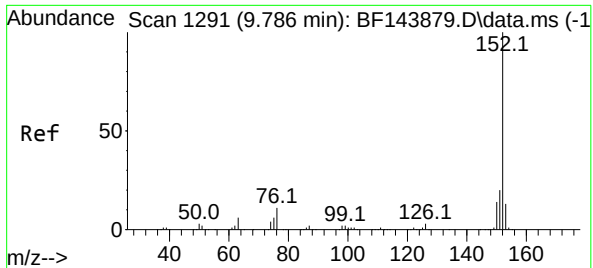
Ion Ratio Lower Upper

65 100

92 67.4 52.1 78.1

138 101.9 77.4 116.2





#49

Acenaphthylene

Concen: 51.437 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

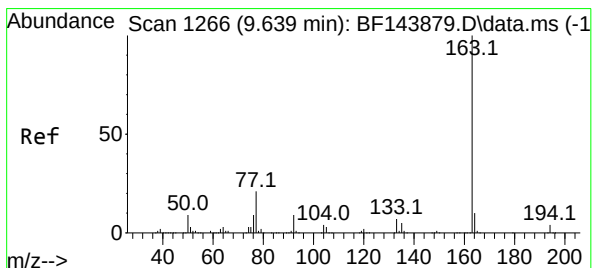
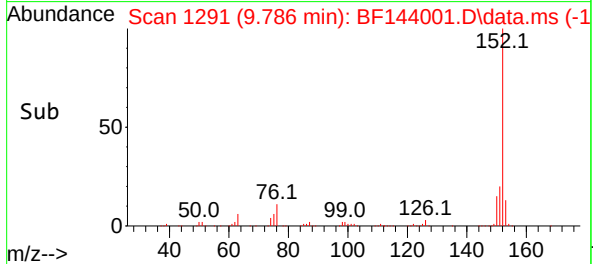
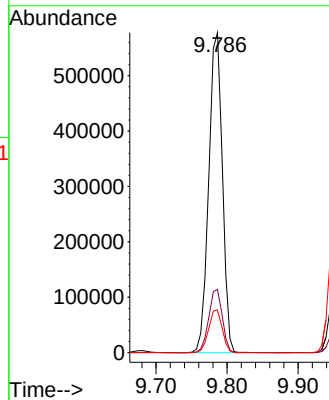
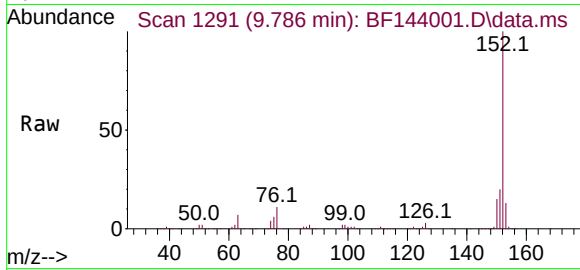
|             |                |
|-------------|----------------|
| Tgt Ion:152 | Resp: 769139   |
| Ion Ratio   | Lower Upper    |
| 152         | 100            |
| 151         | 19.8 15.8 23.6 |
| 153         | 13.3 10.5 15.7 |

## Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#50

Dimethylphthalate

Concen: 45.794 ng

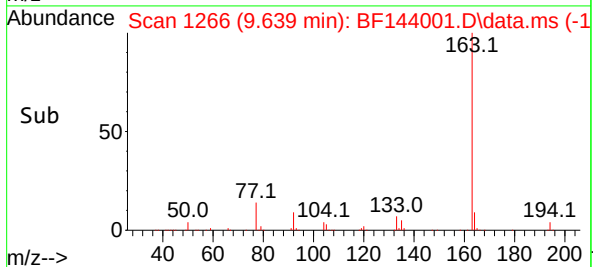
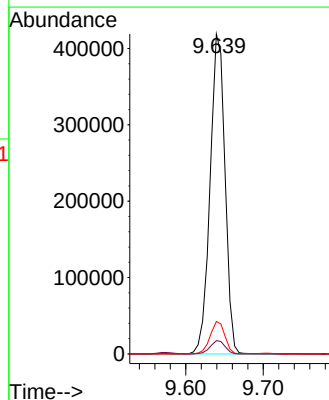
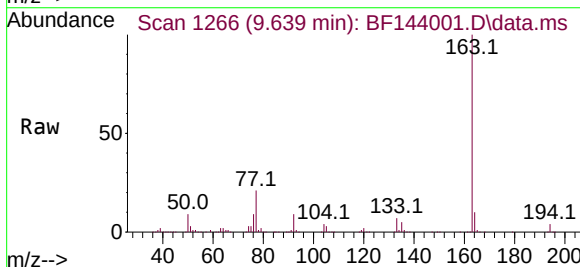
RT: 9.639 min Scan# 1266

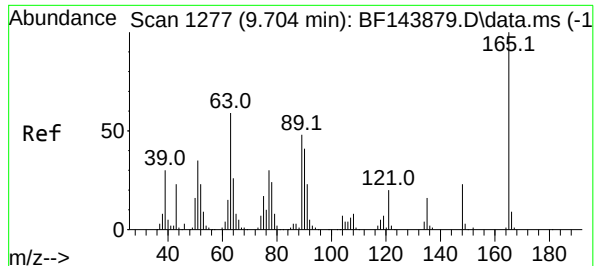
Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

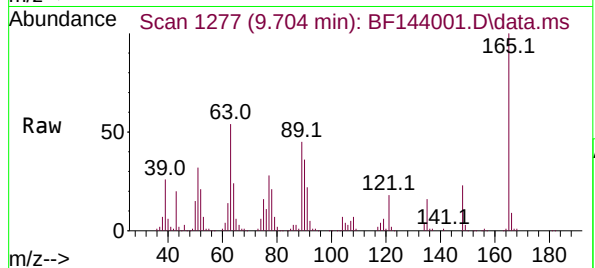
|             |               |
|-------------|---------------|
| Tgt Ion:163 | Resp: 560326  |
| Ion Ratio   | Lower Upper   |
| 163         | 100           |
| 194         | 4.1 3.3 4.9   |
| 164         | 10.1 8.1 12.1 |





#51  
2,6-Dinitrotoluene  
Concen: 53.686 ng  
RT: 9.704 min Scan# 1277  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

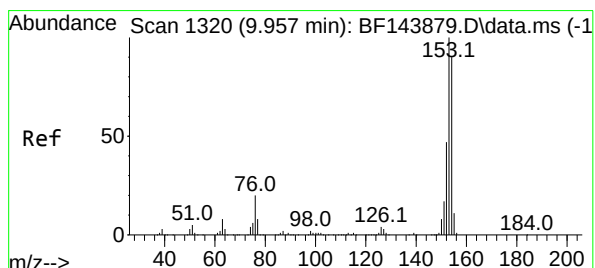
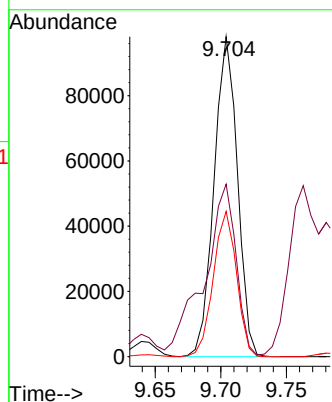
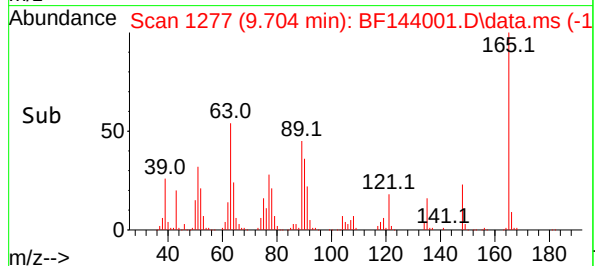
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:165 Resp: 121807  
Ion Ratio Lower Upper  
165 100  
63 53.9 47.3 70.9  
89 45.4 38.2 57.4

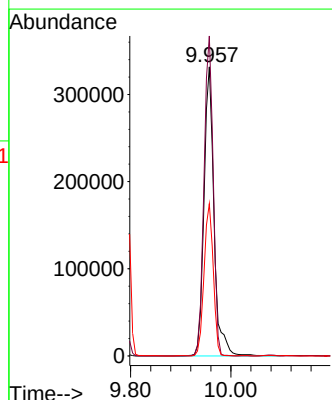
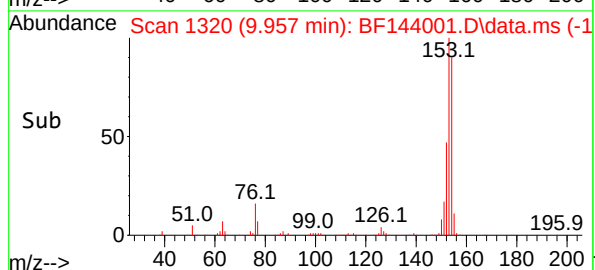
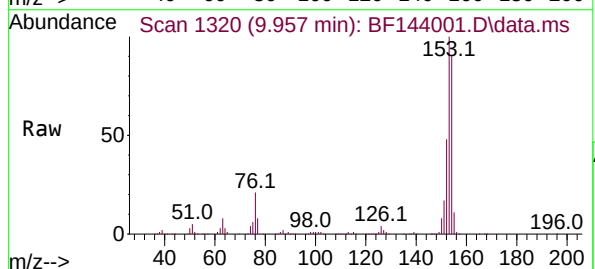
Manual Integrations  
APPROVED

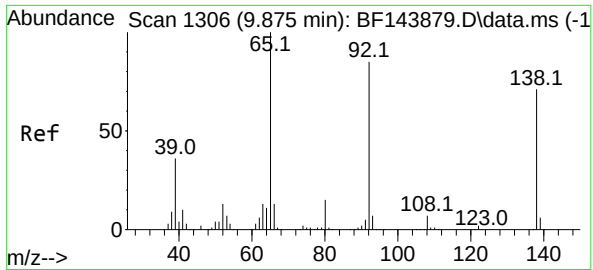
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#52  
Acenaphthene  
Concen: 47.023 ng  
RT: 9.957 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

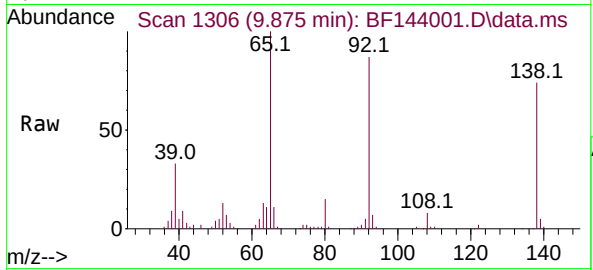
Tgt Ion:154 Resp: 460729  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.3 133.9  
152 52.6 42.2 63.2





#53  
3-Nitroaniline  
Concen: 29.336 ng  
RT: 9.875 min Scan# 1306  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

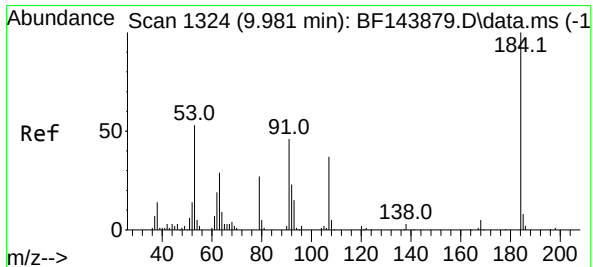
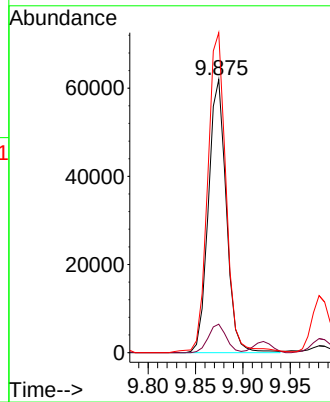
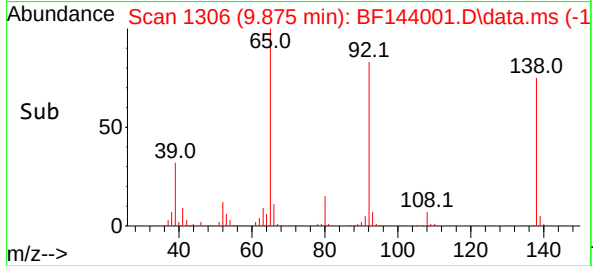
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:138 Resp: 81500  
Ion Ratio Lower Upper  
138 100  
108 10.4 8.3 12.5  
92 117.2 96.2 144.2

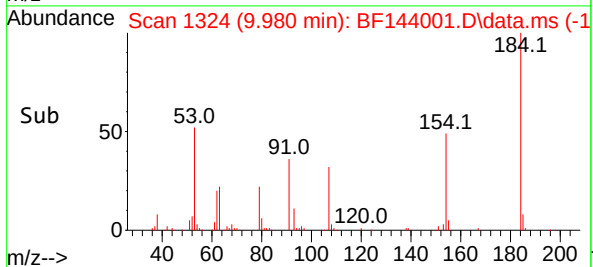
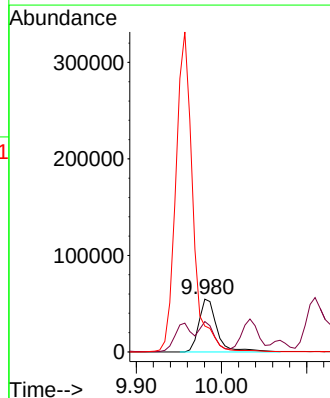
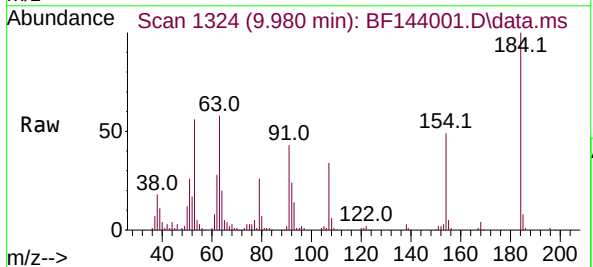
Manual Integrations  
APPROVED

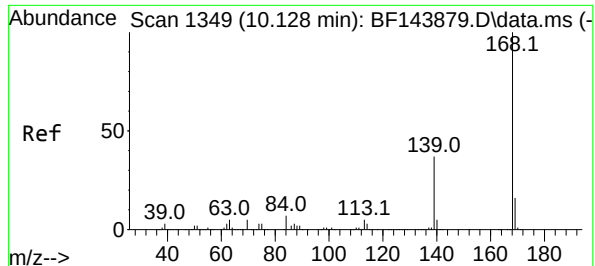
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#54  
2,4-Dinitrophenol  
Concen: 59.400 ng  
RT: 9.980 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

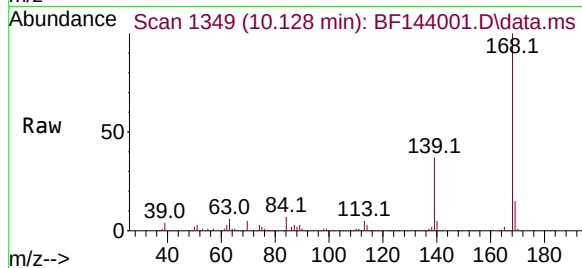
Tgt Ion:184 Resp: 80393  
Ion Ratio Lower Upper  
184 100  
63 57.7 48.2 72.4  
154 49.1 49.2 73.8#





#55  
Dibenzofuran  
Concen: 45.656 ng  
RT: 10.128 min Scan# 1349  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

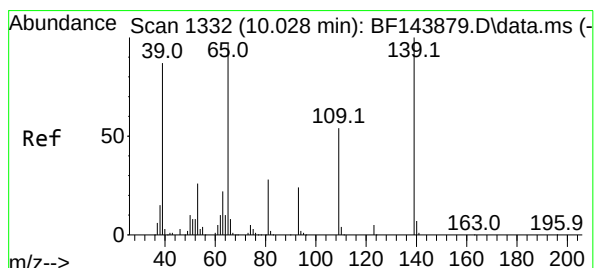
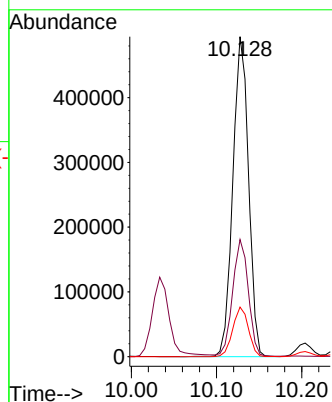
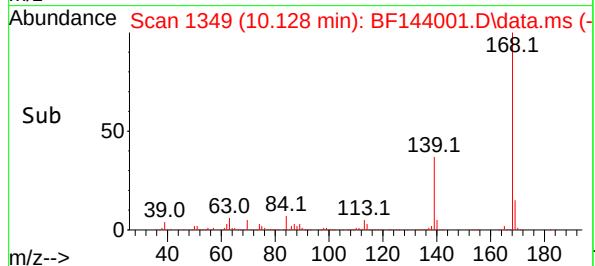
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:168 Resp: 631465  
Ion Ratio Lower Upper  
168 100  
139 36.6 29.8 44.8  
169 15.5 12.8 19.2

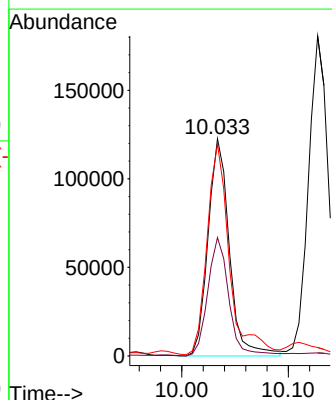
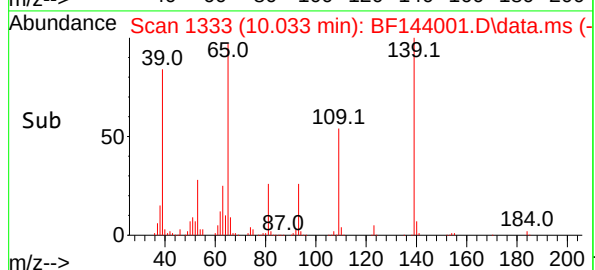
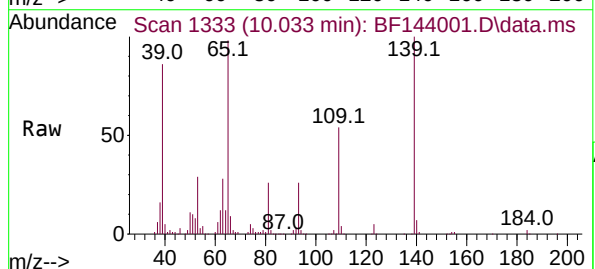
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

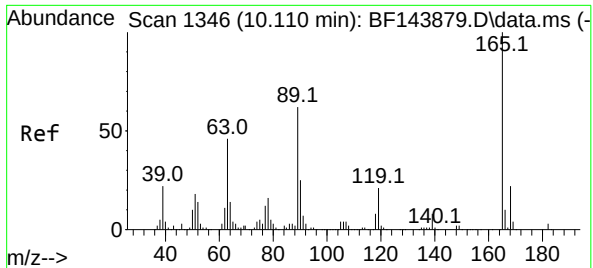


#56  
4-Nitrophenol  
Concen: 81.114 ng  
RT: 10.033 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion:139 Resp: 170624  
Ion Ratio Lower Upper  
139 100  
109 54.5 34.5 74.5  
65 97.6 77.6 117.6

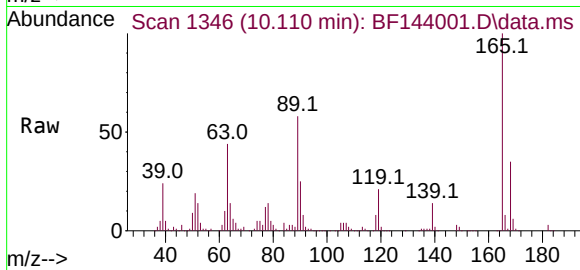






#57  
2,4-Dinitrotoluene  
Concen: 52.513 ng  
RT: 10.110 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

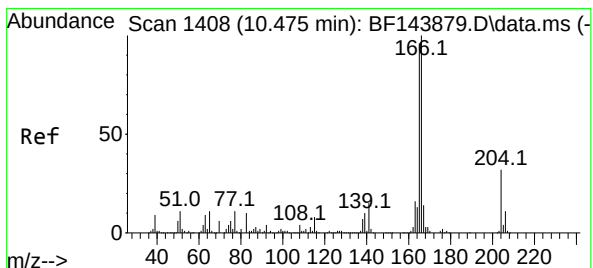
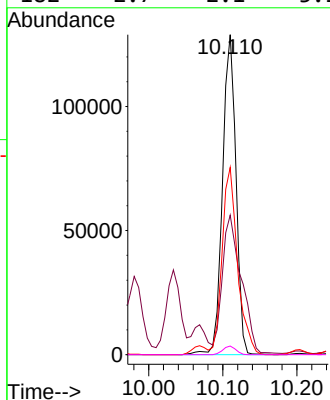
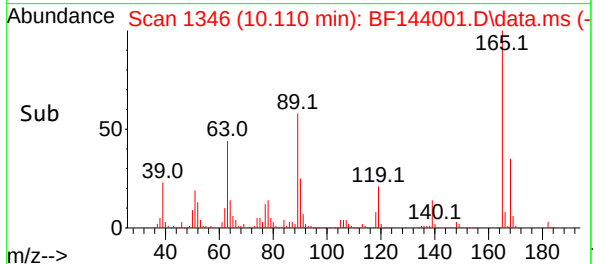
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:165 Resp: 162114  
Ion Ratio Lower Upper  
165 100  
63 43.6 37.2 55.8  
89 58.5 49.4 74.2  
182 2.7 2.1 3.1

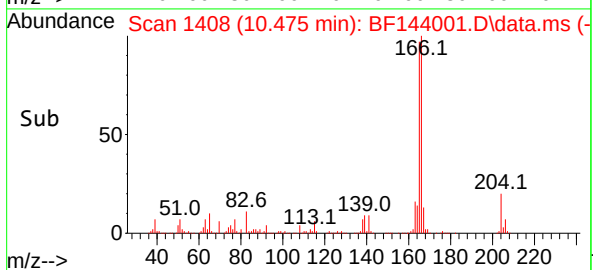
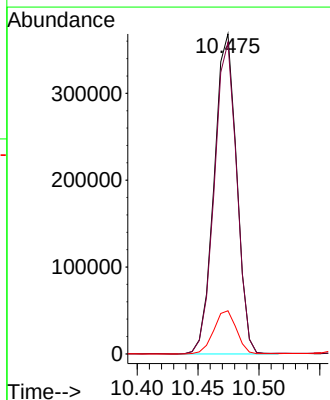
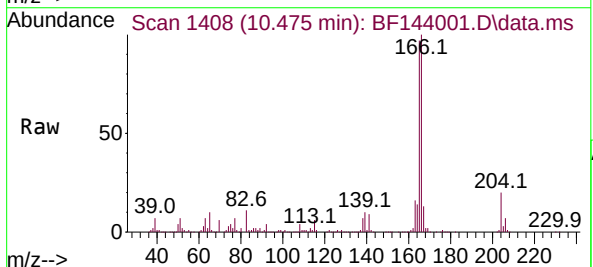
Manual Integrations  
APPROVED

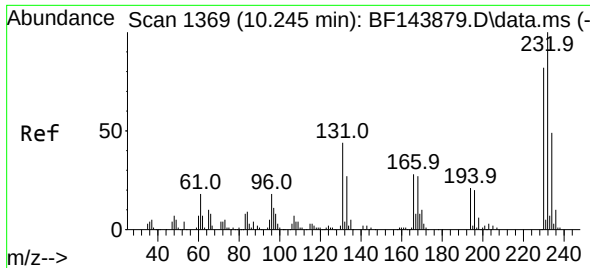
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#58  
Fluorene  
Concen: 45.380 ng  
RT: 10.475 min Scan# 1408  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

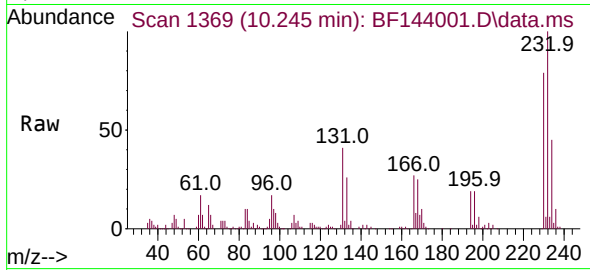
Tgt Ion:166 Resp: 473608  
Ion Ratio Lower Upper  
166 100  
165 97.3 77.0 115.6  
167 13.5 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.838 ng m  
RT: 10.245 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

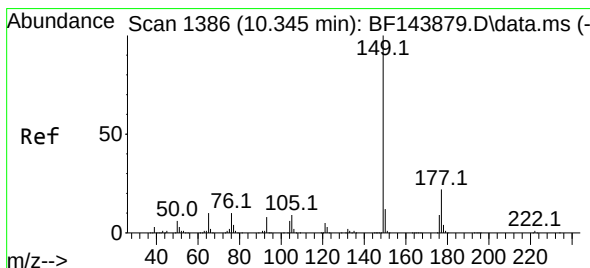
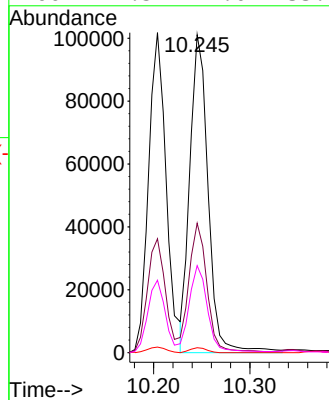
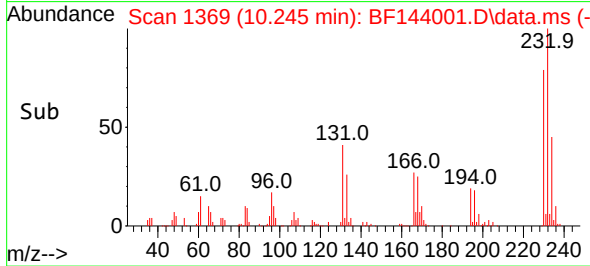
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:232 Resp: 133421  
Ion Ratio Lower Upper  
232 100  
131 34.7 34.9 52.3  
130 1.7 1.6 2.4  
166 21.5 22.0 33.0#

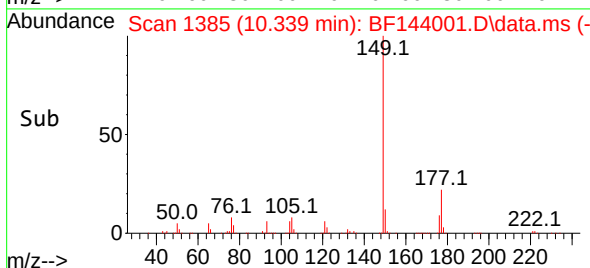
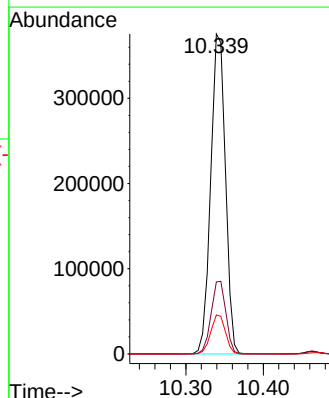
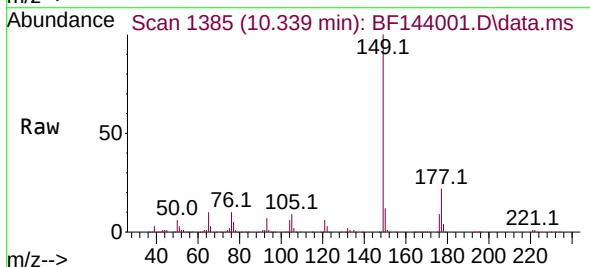
Manual Integrations  
APPROVED

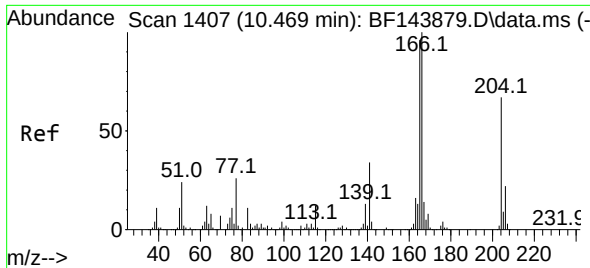
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#60  
Diethylphthalate  
Concen: 43.627 ng  
RT: 10.339 min Scan# 1385  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

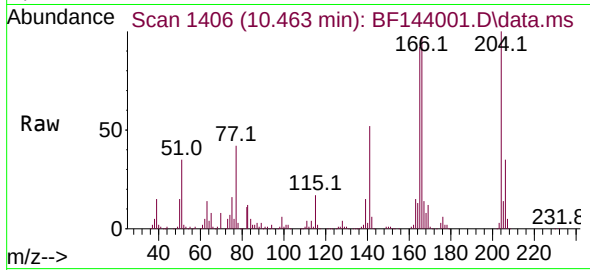
Tgt Ion:149 Resp: 495909  
Ion Ratio Lower Upper  
149 100  
177 22.5 17.9 26.9  
150 12.2 9.8 14.8





#61  
4-Chlorophenyl-phenylether  
Concen: 43.601 ng  
RT: 10.463 min Scan# 1407  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

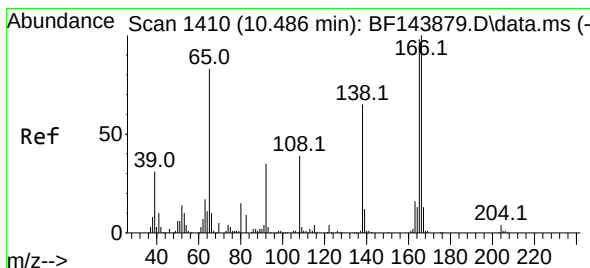
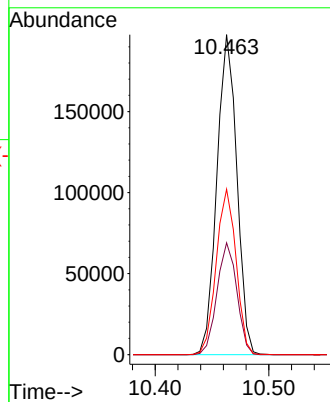
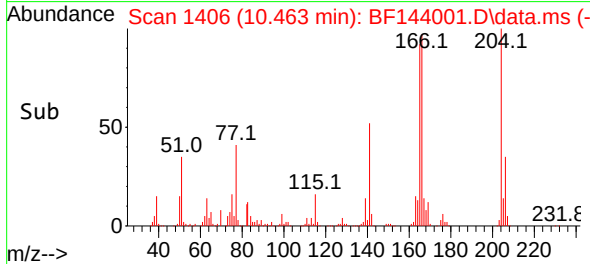
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:204 Resp: 240572  
Ion Ratio Lower Upper  
204 100  
206 34.9 26.6 40.0  
141 51.7 40.4 60.6

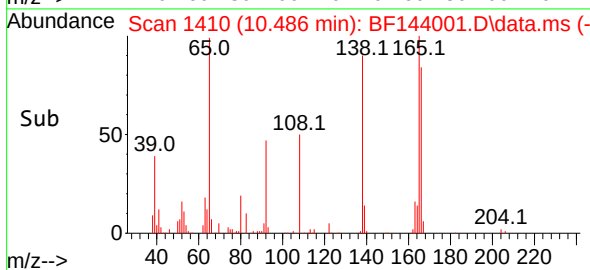
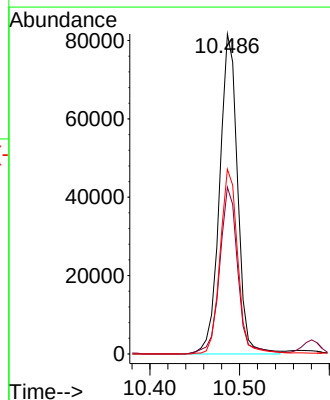
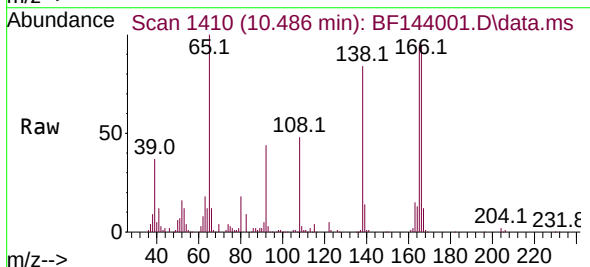
Manual Integrations  
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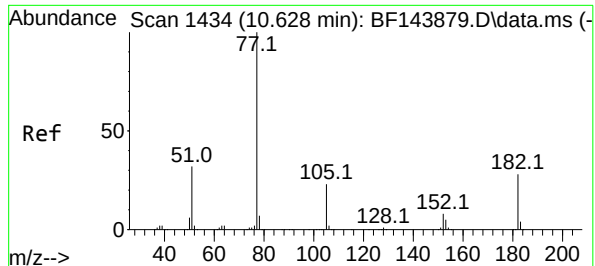
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#62  
4-Nitroaniline  
Concen: 42.604 ng  
RT: 10.486 min Scan# 1410  
Delta R.T. -0.023 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

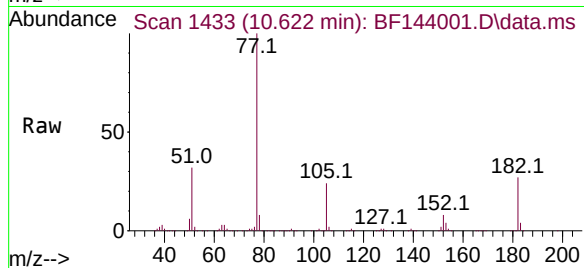
Tgt Ion:138 Resp: 113819  
Ion Ratio Lower Upper  
138 100  
92 52.1 33.9 73.9  
108 57.7 40.2 80.2





#63  
Azobenzene  
Concen: 47.463 ng  
RT: 10.622 min Scan# 1433  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

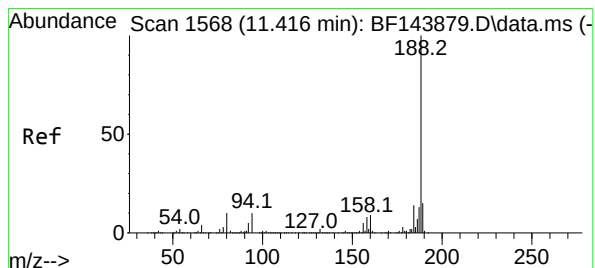
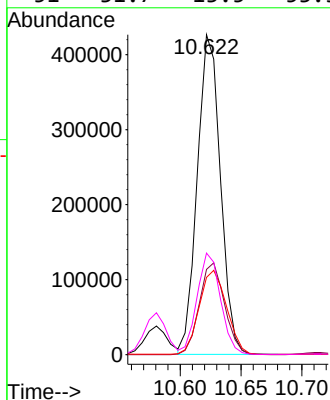
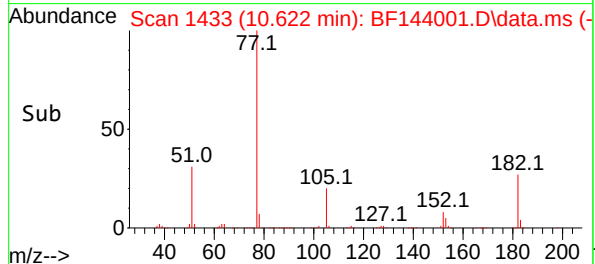
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



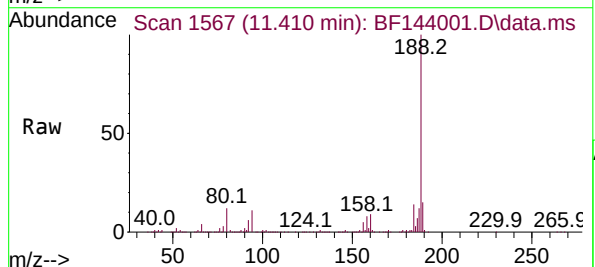
Tgt Ion: 77 Resp: 563873  
Ion Ratio Lower Upper  
77 100  
182 26.6 7.3 47.3  
105 24.1 3.0 43.0  
51 31.7 13.5 53.5

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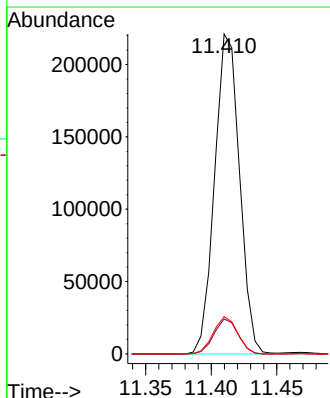
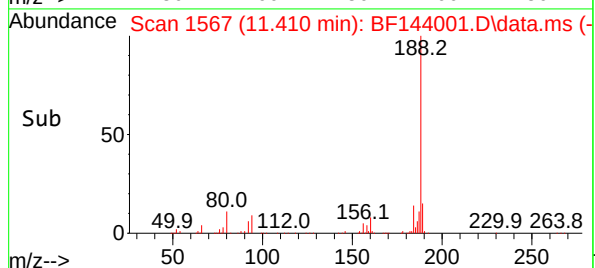
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

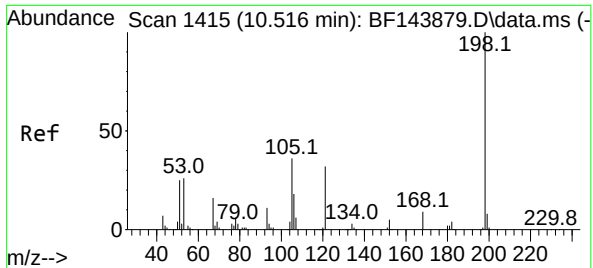


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27



Tgt Ion:188 Resp: 292615  
Ion Ratio Lower Upper  
188 100  
94 10.9 7.8 11.6  
80 11.6 7.9 11.9





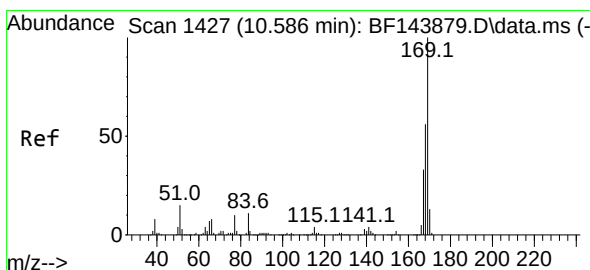
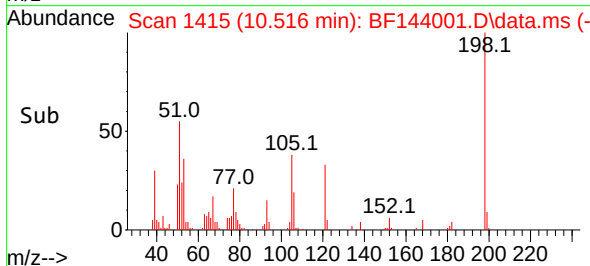
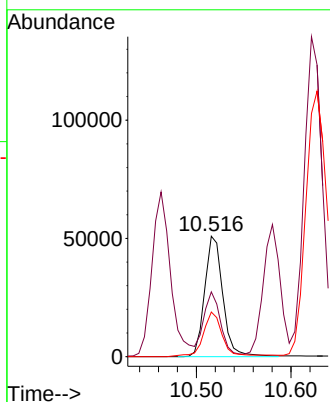
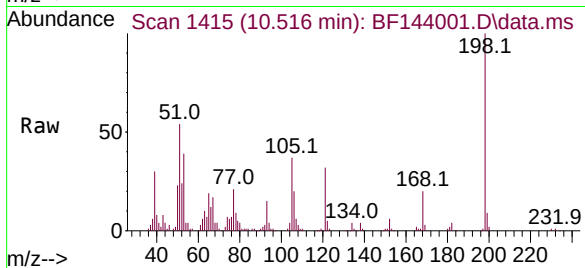
#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.221 ng  
RT: 10.516 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD

Tgt Ion:198 Resp: 67962  
Ion Ratio Lower Upper  
198 100  
51 53.7 33.8 73.8  
105 37.0 17.0 57.0

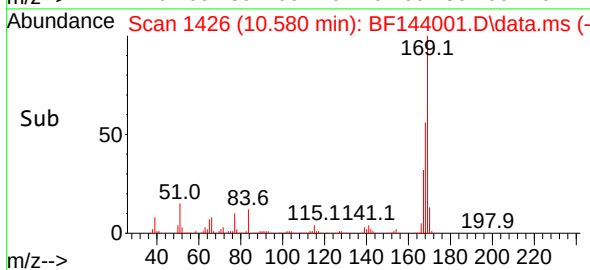
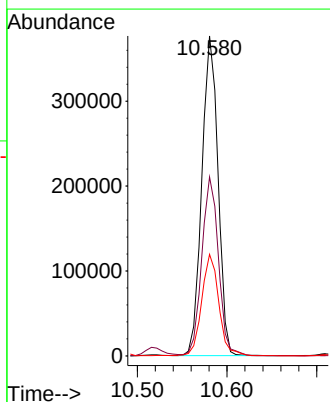
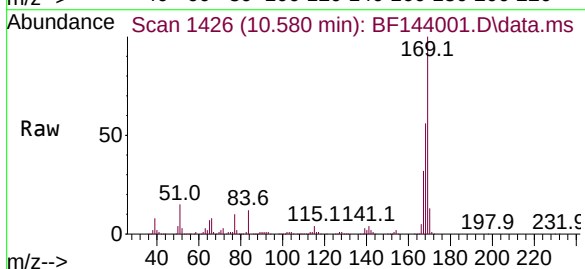
Manual Integrations  
APPROVED

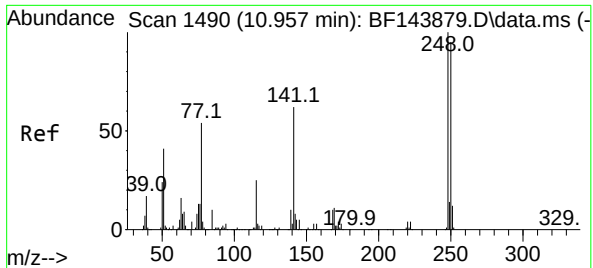
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#66  
n-Nitrosodiphenylamine  
Concen: 51.409 ng  
RT: 10.580 min Scan# 1426  
Delta R.T. -0.012 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

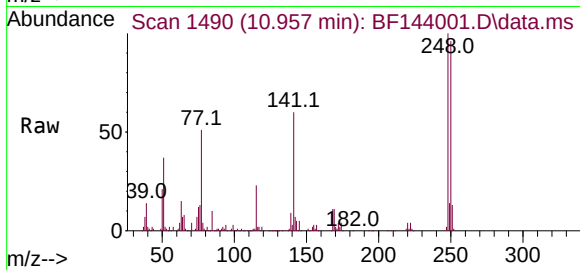
Tgt Ion:169 Resp: 472341  
Ion Ratio Lower Upper  
169 100  
168 55.9 44.9 67.3  
167 31.7 26.3 39.5





#67  
4-Bromophenyl-phenylether  
Concen: 47.425 ng  
RT: 10.957 min Scan# 1490  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

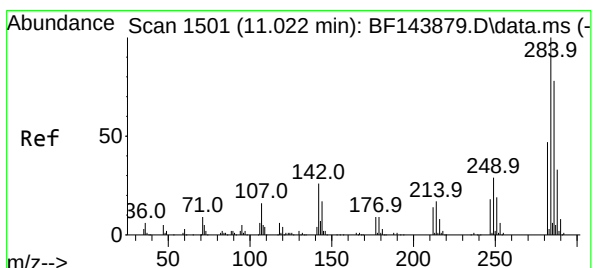
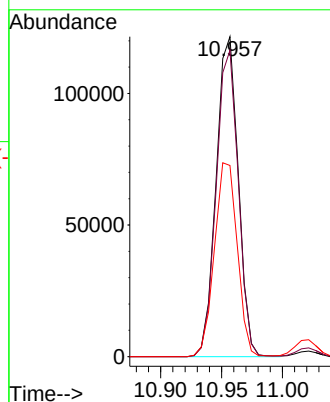
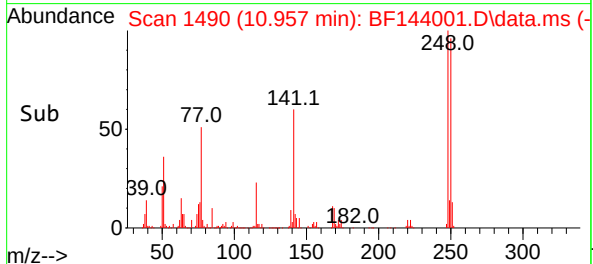
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



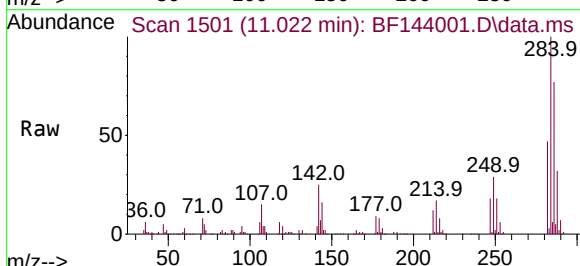
Tgt Ion:248 Resp: 153366  
Ion Ratio Lower Upper  
248 100  
250 95.7 76.3 114.5  
141 59.7 49.7 74.5

Manual Integrations  
APPROVED

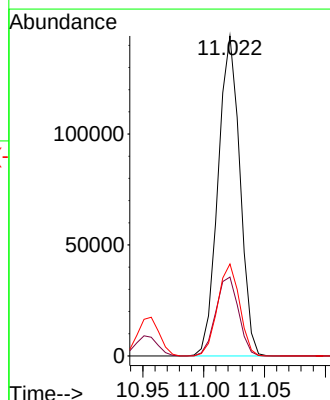
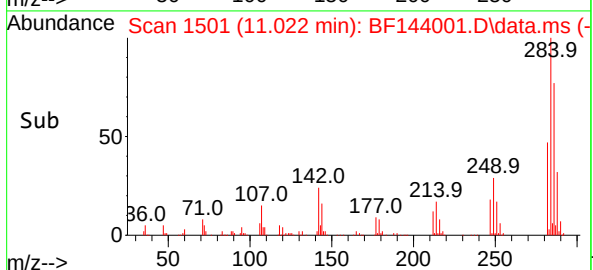
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

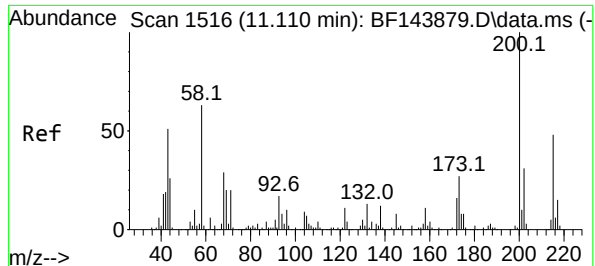


#68  
Hexachlorobenzene  
Concen: 48.080 ng  
RT: 11.022 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27



Tgt Ion:284 Resp: 180006  
Ion Ratio Lower Upper  
284 100  
142 24.6 20.6 30.8  
249 28.7 23.2 34.8





#69

Atrazine

Concen: 50.060 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:200 Resp: 139405

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

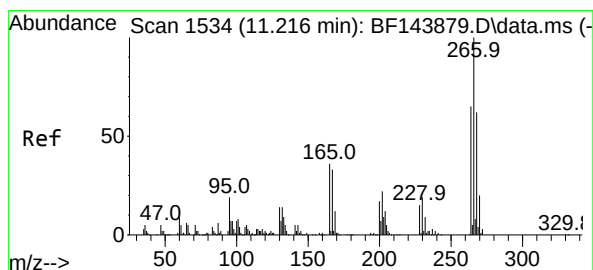
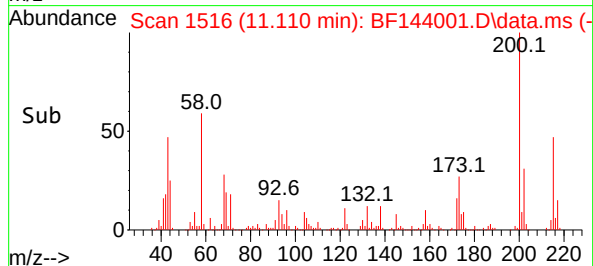
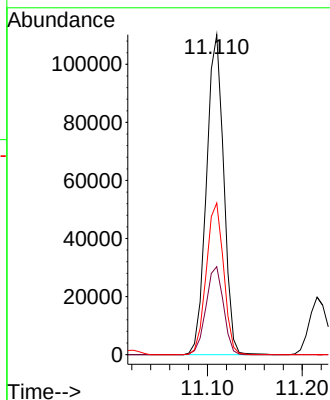
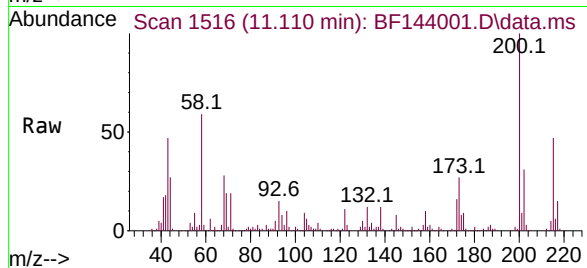
215 47.4 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#70

Pentachlorophenol

Concen: 78.548 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

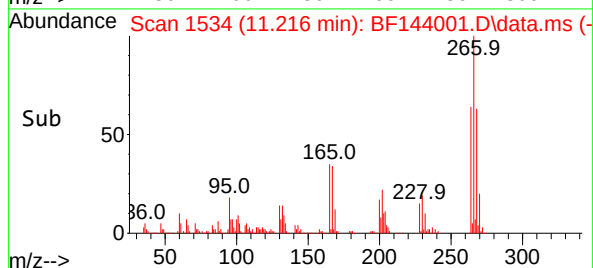
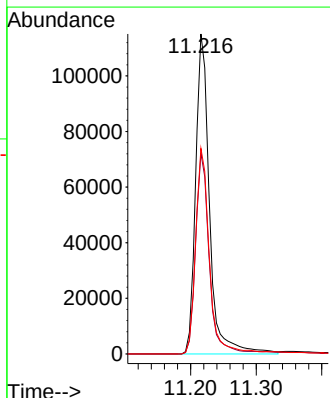
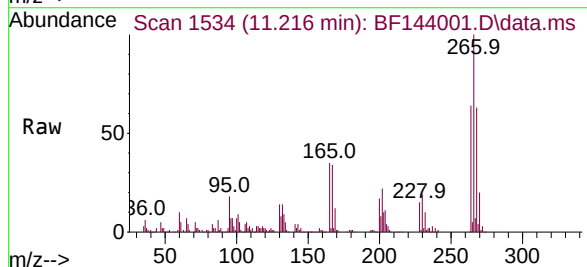
Tgt Ion:266 Resp: 168895

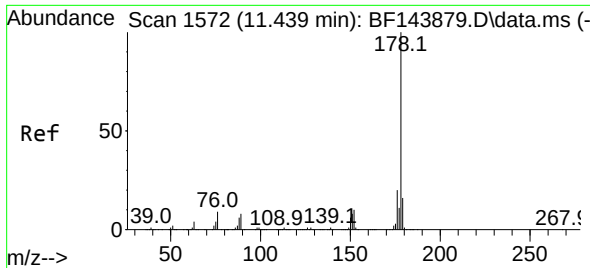
Ion Ratio Lower Upper

266 100

268 62.7 49.4 74.0

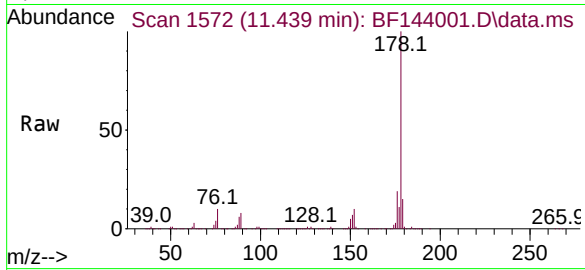
264 64.2 51.8 77.6





#71  
Phenanthrene  
Concen: 53.232 ng  
RT: 11.439 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

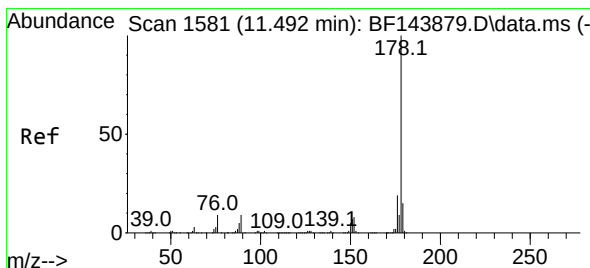
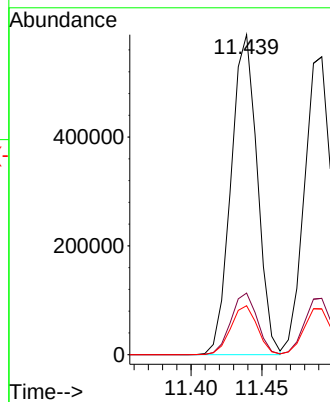
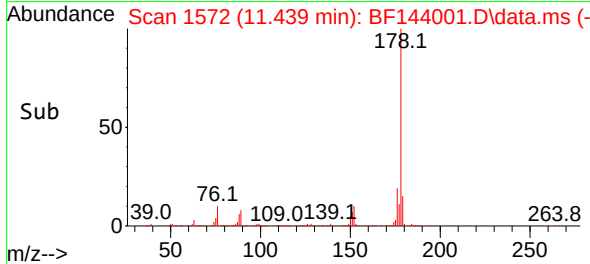
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:178 Resp: 755154  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.9 23.9  
179 15.3 12.4 18.6

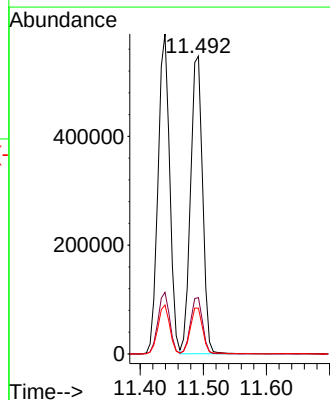
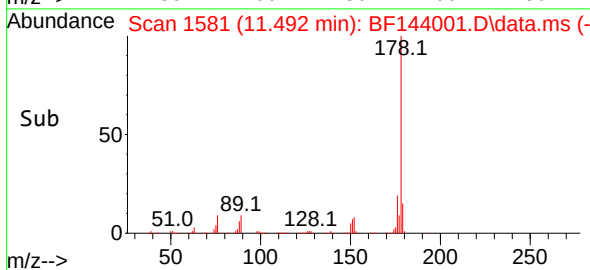
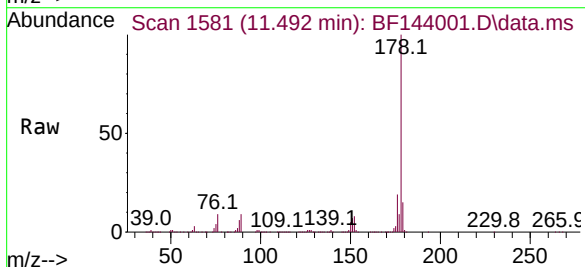
Manual Integrations  
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Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

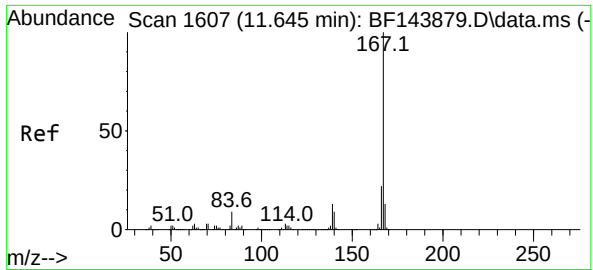


#72  
Anthracene  
Concen: 50.624 ng  
RT: 11.492 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion:178 Resp: 725510  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.9 22.3  
179 15.3 12.2 18.2

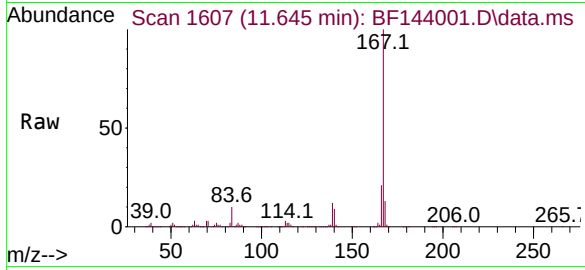






#73  
Carbazole  
Concen: 48.042 ng  
RT: 11.645 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

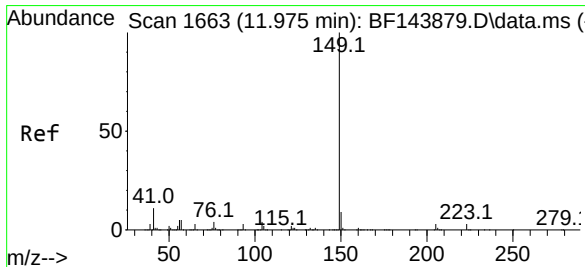
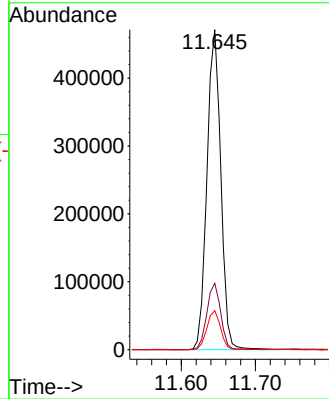
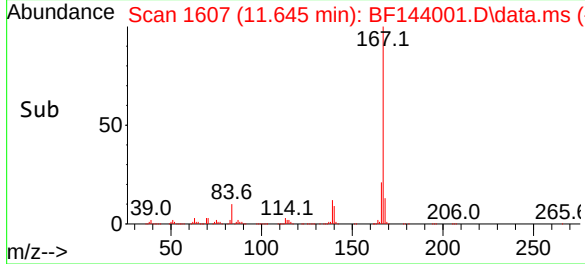
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



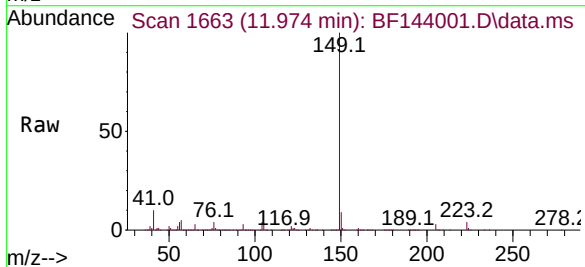
Tgt Ion:167 Resp: 609788  
Ion Ratio Lower Upper  
167 100  
166 20.7 17.2 25.8  
139 12.2 10.1 15.1

Manual Integrations  
APPROVED

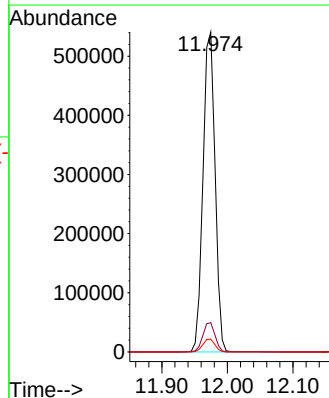
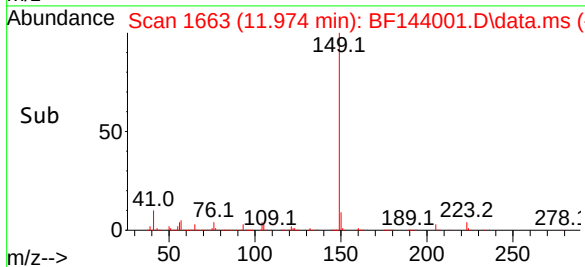
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025

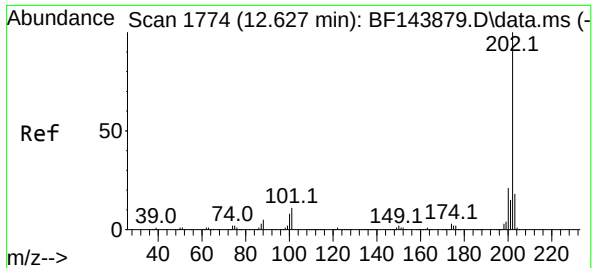


#74  
Di-n-butylphthalate  
Concen: 46.700 ng  
RT: 11.974 min Scan# 1663  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27



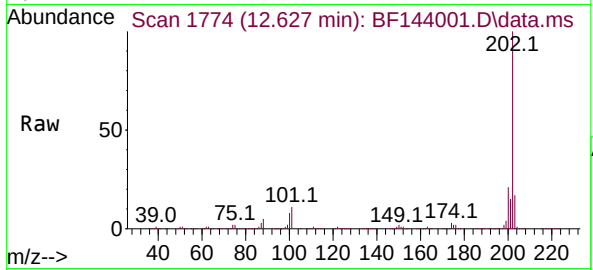
Tgt Ion:149 Resp: 686989  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.4 11.2  
104 4.0 3.4 5.2





#75  
Fluoranthene  
Concen: 55.063 ng  
RT: 12.627 min Scan# 1774  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

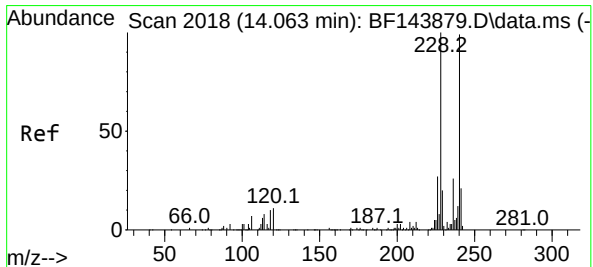
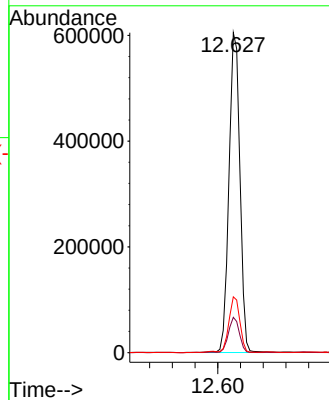
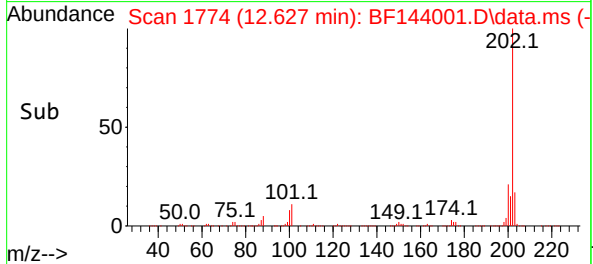
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:202 Resp: 806849  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 30.7  
203 17.4 0.0 37.8

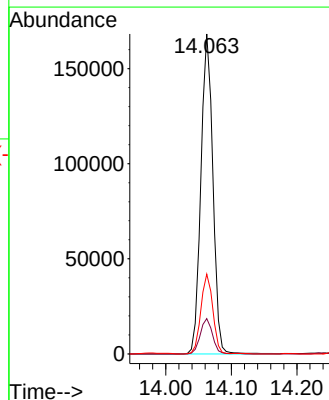
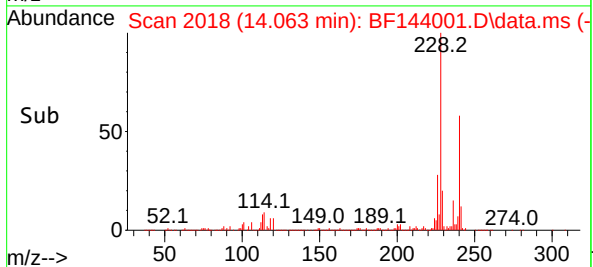
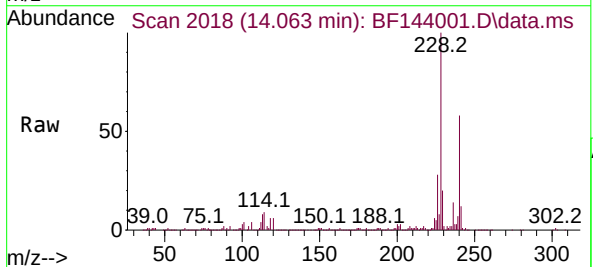
Manual Integrations  
APPROVED

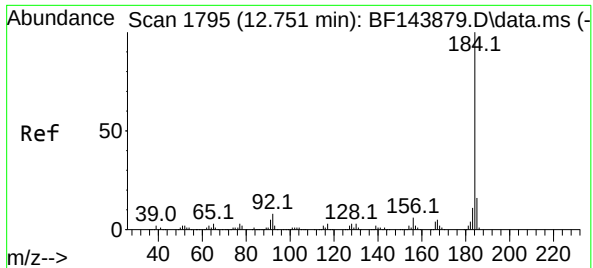
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 1818  
Delta R.T. -0.005 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

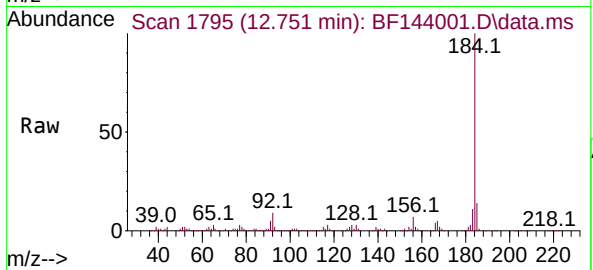
Tgt Ion:240 Resp: 212179  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.6 13.0  
236 24.9 21.1 31.7





#77  
Benzidine  
Concen: 34.770 ng  
RT: 12.751 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

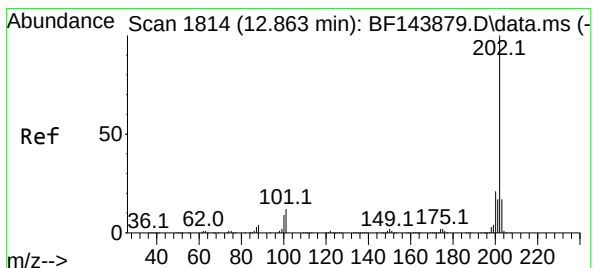
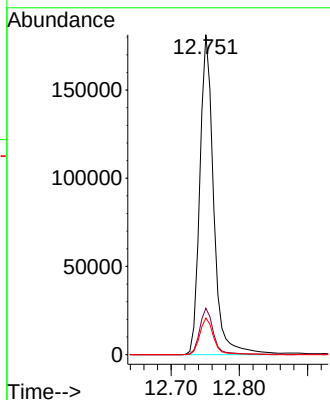
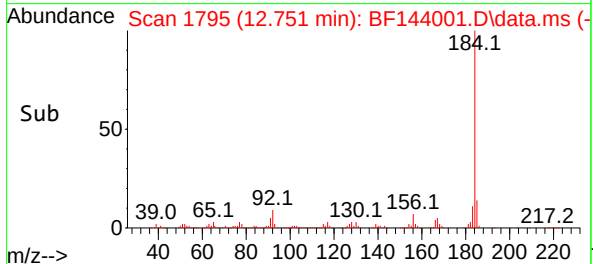
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:184 Resp: 256163  
Ion Ratio Lower Upper  
184 100  
185 14.5 12.6 18.8  
183 11.4 8.8 13.2

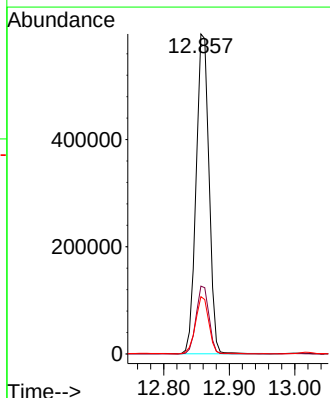
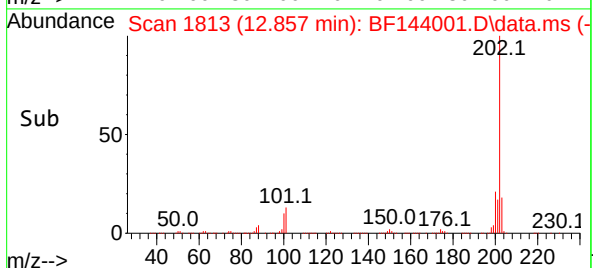
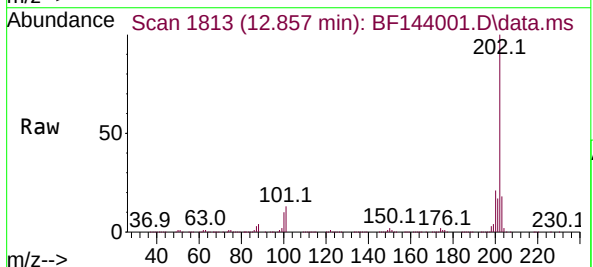
Manual Integrations  
**APPROVED**

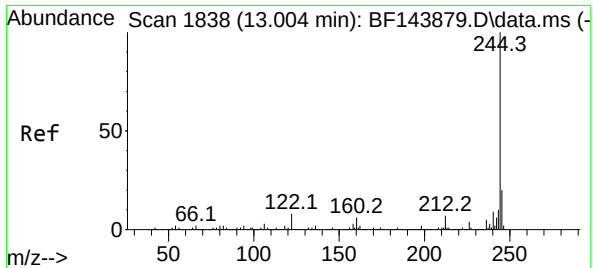
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#78  
Pyrene  
Concen: 45.708 ng  
RT: 12.857 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion:202 Resp: 808534  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 32.932 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:244 Resp: 40885

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

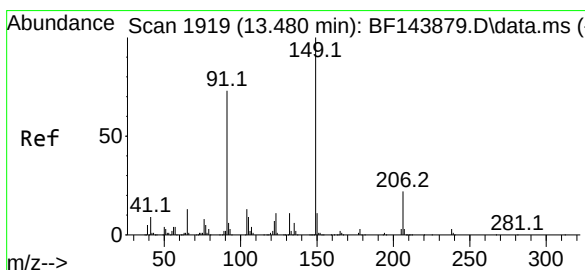
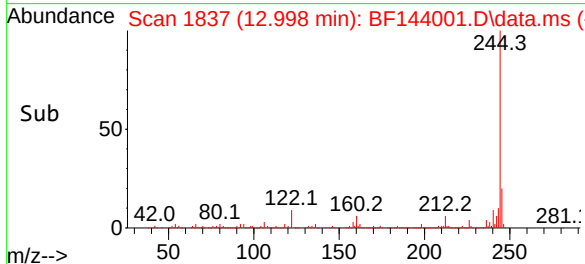
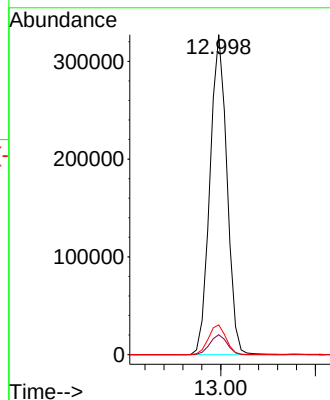
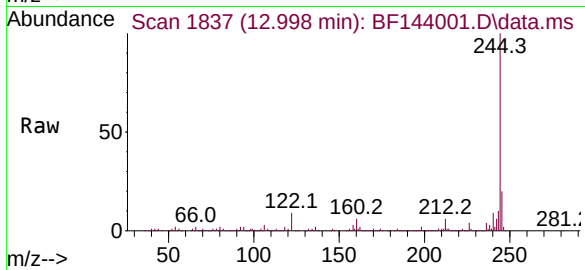
122 9.3 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#80

Butylbenzylphthalate

Concen: 45.487 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

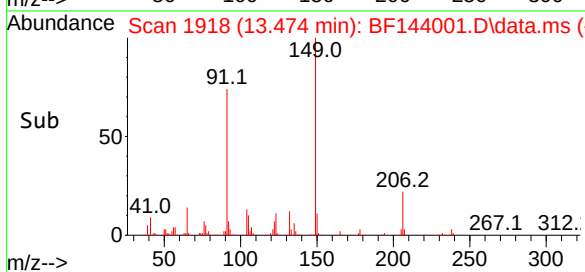
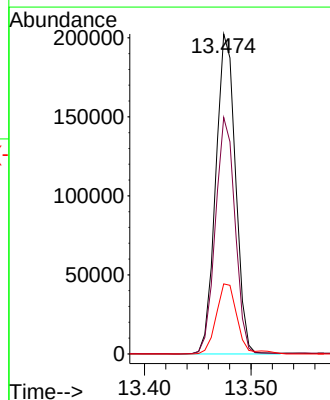
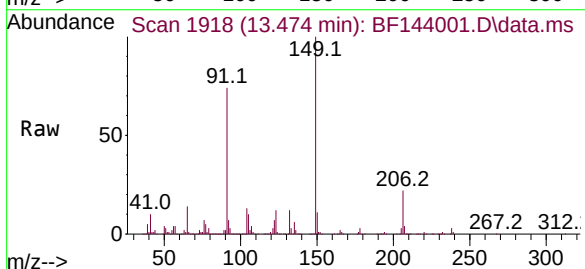
Tgt Ion:149 Resp: 261316

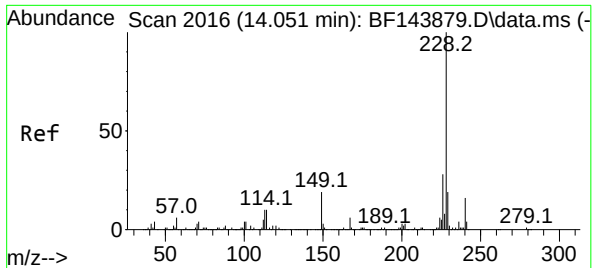
Ion Ratio Lower Upper

149 100

91 73.9 58.2 87.2

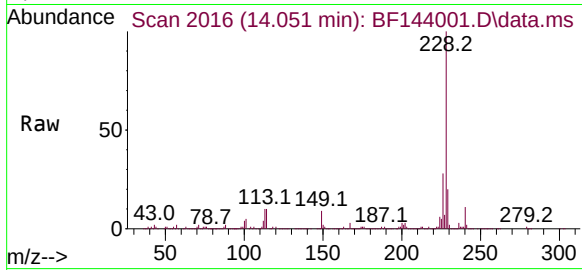
206 21.9 17.9 26.9





#81  
Benzo(a)anthracene  
Concen: 55.669 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

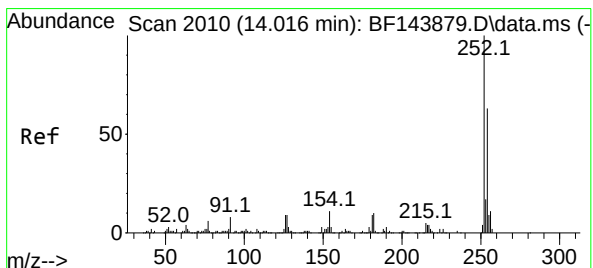
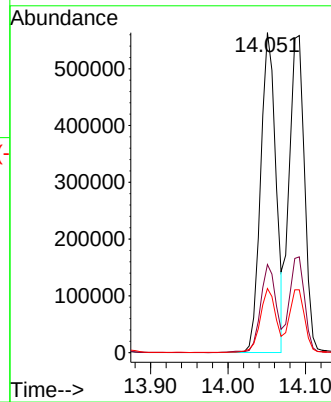
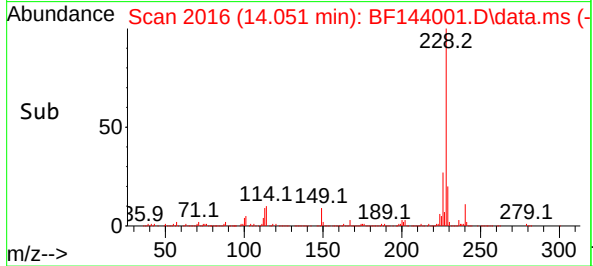
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:228 Resp: 772965  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.2 33.2  
229 20.0 15.6 23.4

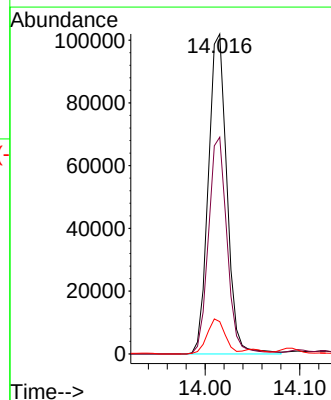
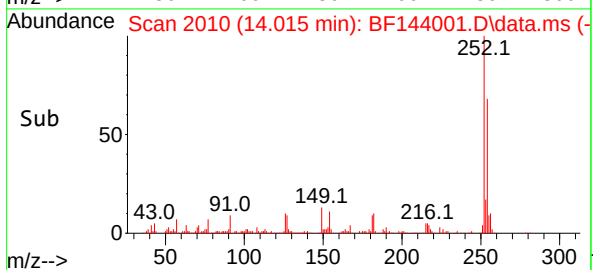
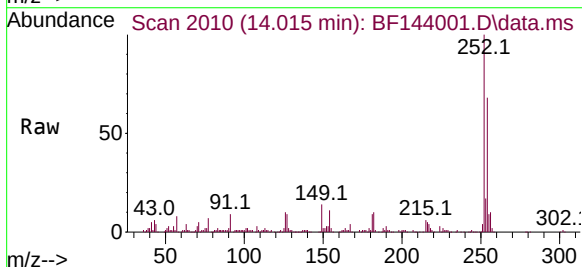
Manual Integrations  
APPROVED

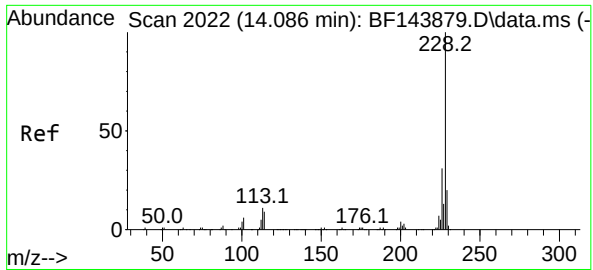
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 32.891 ng  
RT: 14.015 min Scan# 2010  
Delta R.T. 0.000 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion:252 Resp: 139179  
Ion Ratio Lower Upper  
252 100  
254 67.7 50.6 76.0  
126 10.1 7.0 10.6





#83

Chrysene

Concen: 58.898 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:228 Resp: 75690

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

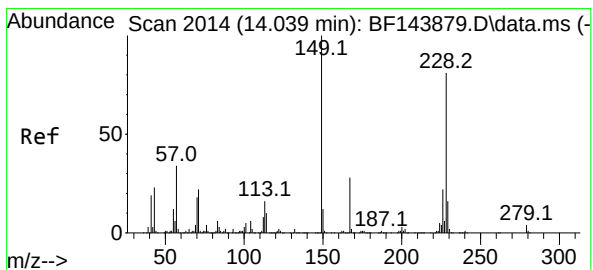
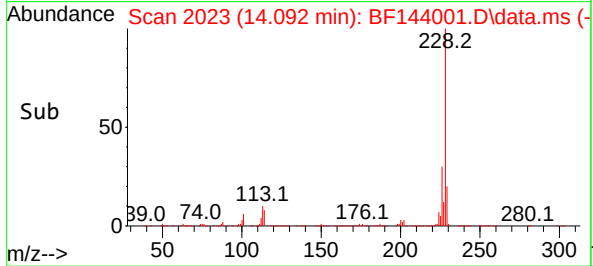
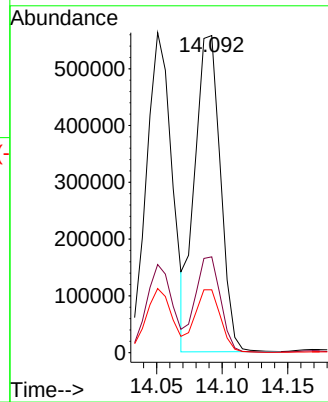
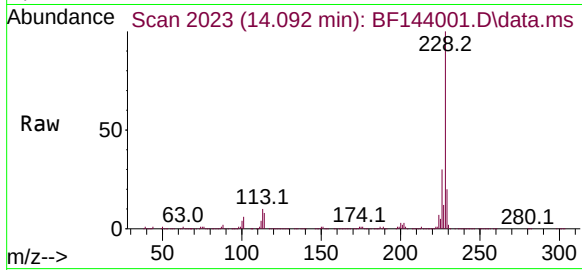
229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.284 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

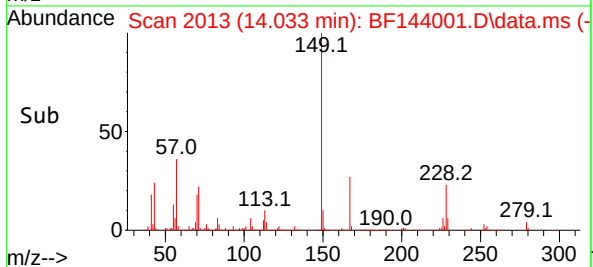
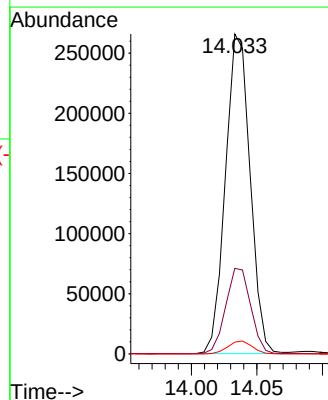
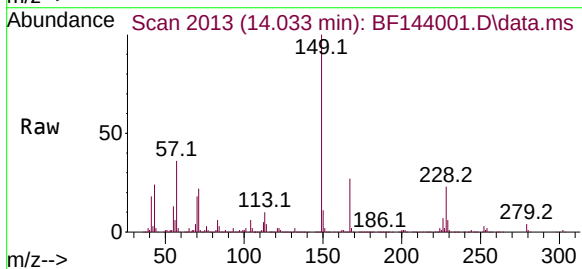
Tgt Ion:149 Resp: 348219

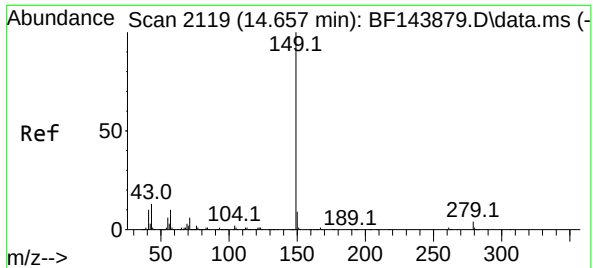
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

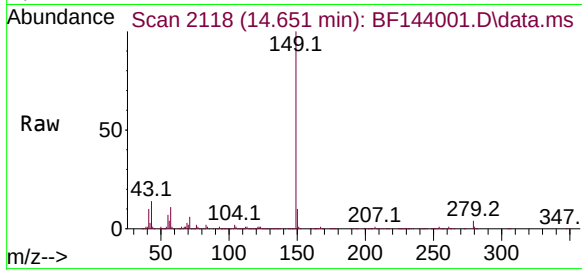
279 3.7 3.1 4.7





#85  
Di-n-octyl phthalate  
Concen: 57.280 ng  
RT: 14.651 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

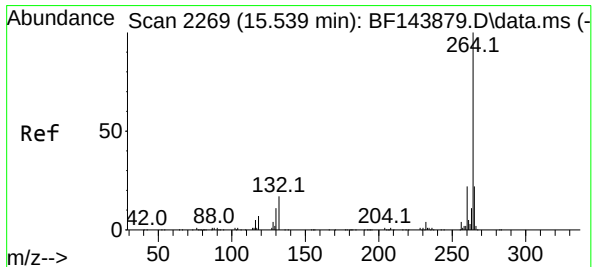
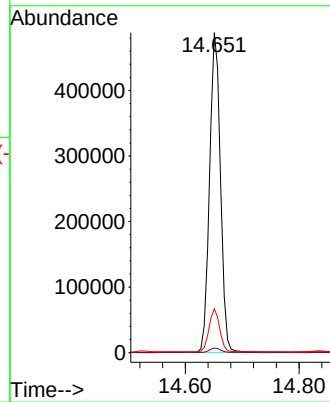
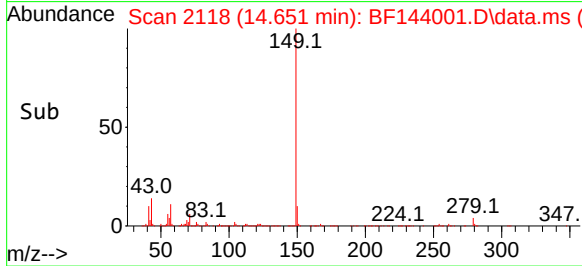
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-245MSD



Tgt Ion:149 Resp: 651511  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.1 1.7  
43 13.0 11.0 16.4

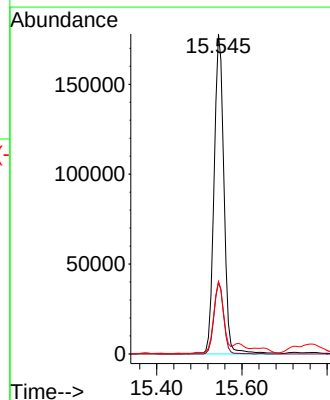
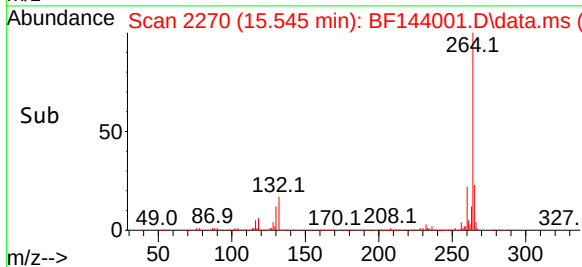
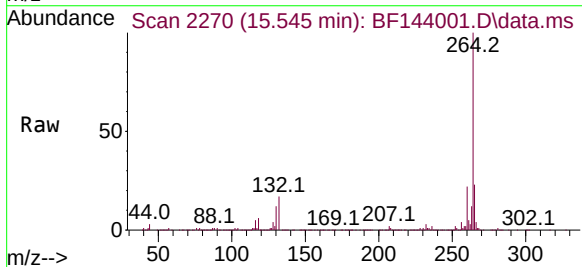
Manual Integrations  
APPROVED

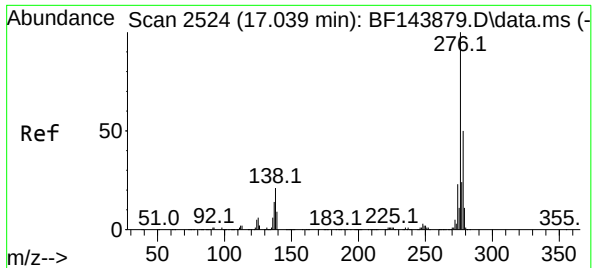
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.545 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Tgt Ion:264 Resp: 285074  
Ion Ratio Lower Upper  
264 100  
260 22.4 17.8 26.8  
265 22.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.240 ng

RT: 17.056 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:276 Resp: 912509

Ion Ratio Lower Upper

276 100

138 23.7 18.2 27.2

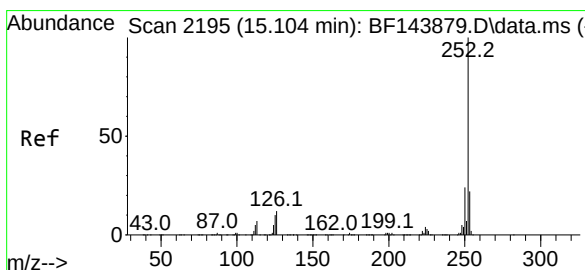
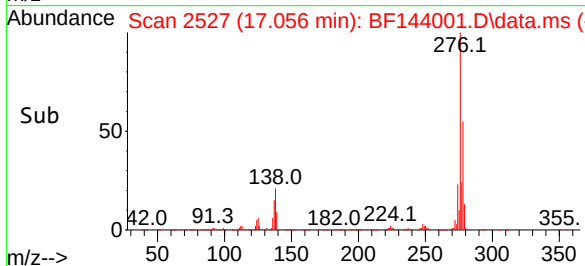
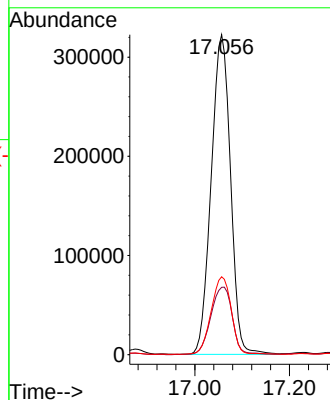
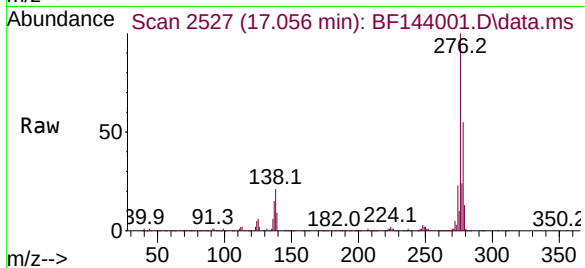
277 25.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#88

Benzo(b)fluoranthene

Concen: 56.327 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

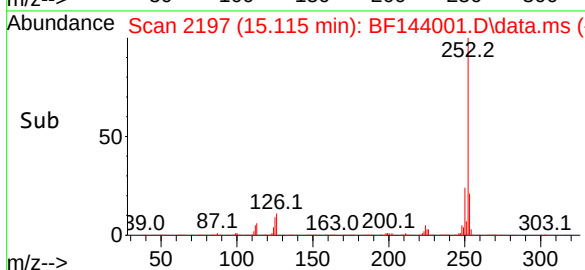
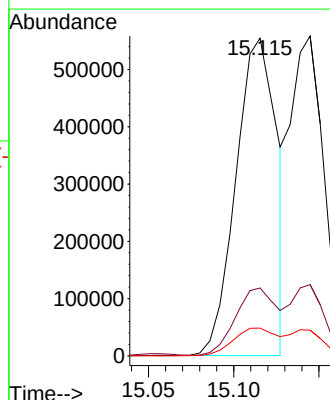
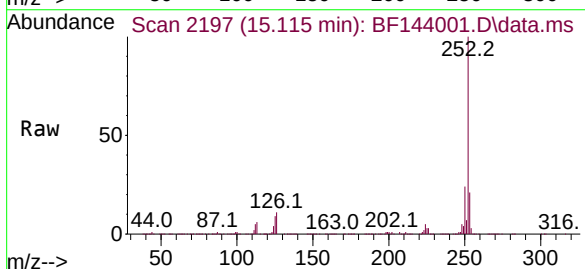
Tgt Ion:252 Resp: 922382

Ion Ratio Lower Upper

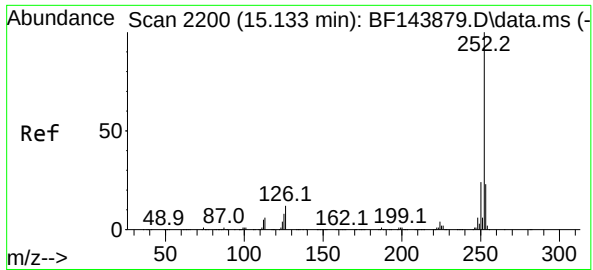
252 100

253 21.4 17.4 26.2

125 8.7 7.8 11.6







#89

Benzo(k)fluoranthene

Concen: 50.496 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

Tgt Ion:252 Resp: 765145

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

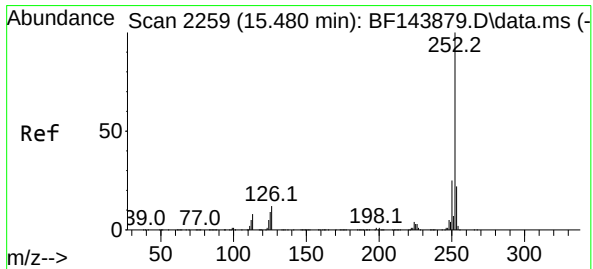
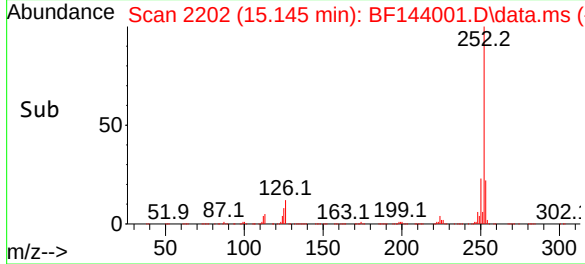
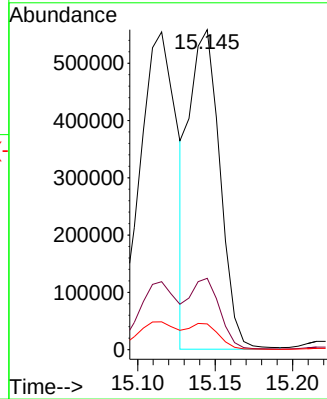
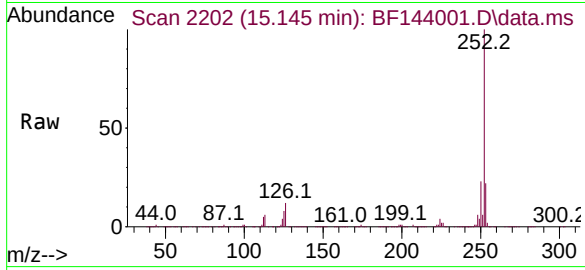
125 8.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/21/2025

Supervised By :Jagrut Upadhyay 10/21/2025



#90

Benzo(a)pyrene

Concen: 56.544 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144001.D

Acq: 20 Oct 2025 16:27

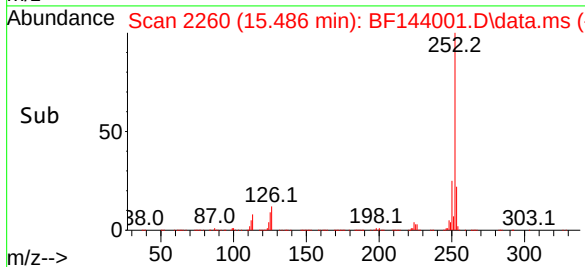
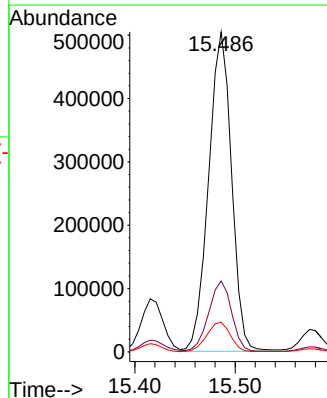
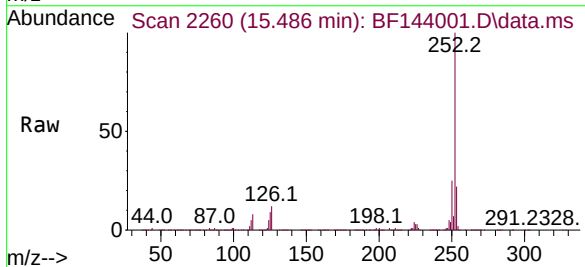
Tgt Ion:252 Resp: 802881

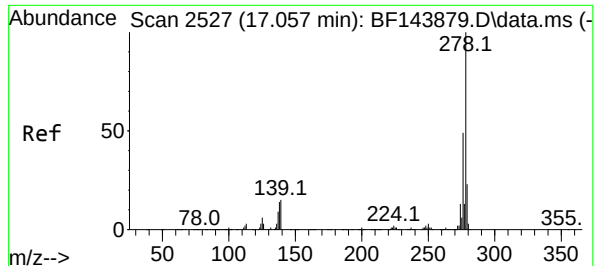
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.2 7.0 10.4





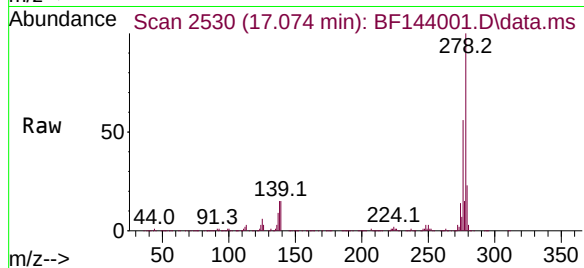
#91  
Dibenzo(a,h)anthracene  
Concen: 50.645 ng  
RT: 17.074 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27

Instrument :

BNA\_F

ClientSampleId :

VNJ-245MSD

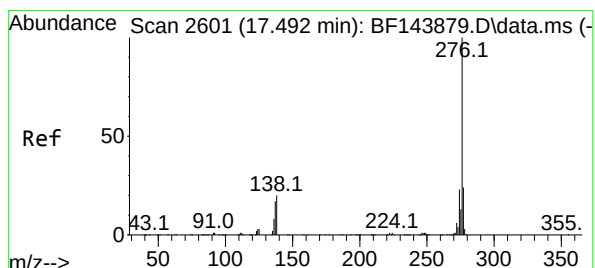
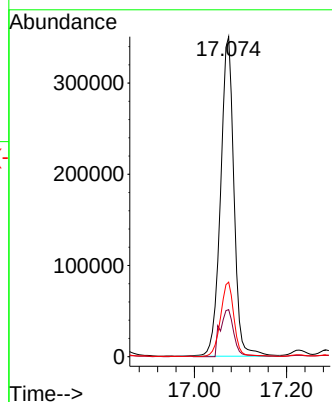
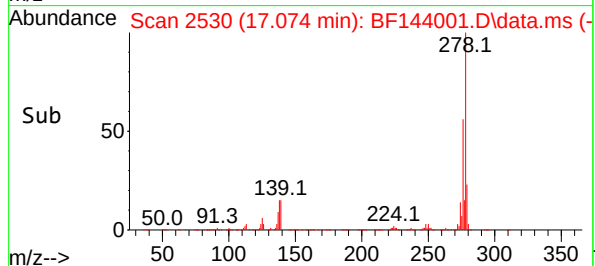


Tgt Ion:278 Resp: 711497  
Ion Ratio Lower Upper  
278 100  
139 14.7 11.7 17.5  
279 23.3 18.4 27.6

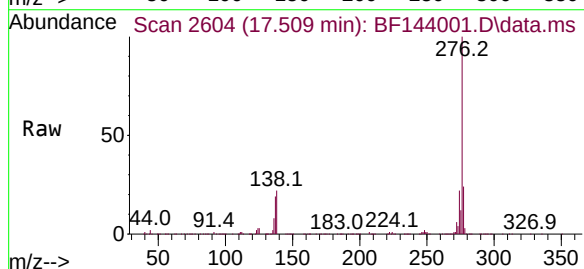
Manual Integrations

APPROVED

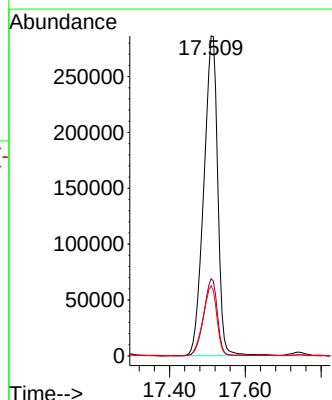
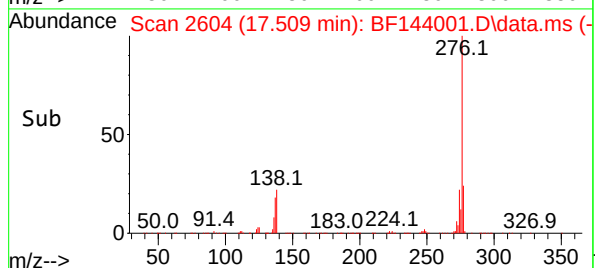
Reviewed By :Rahul Chavli 10/21/2025  
Supervised By :Jagrut Upadhyay 10/21/2025



#92  
Benzo(g,h,i)perylene  
Concen: 51.911 ng  
RT: 17.509 min Scan# 2604  
Delta R.T. -0.006 min  
Lab File: BF144001.D  
Acq: 20 Oct 2025 16:27



Tgt Ion:276 Resp: 729280  
Ion Ratio Lower Upper  
276 100  
277 24.2 19.0 28.6  
138 22.0 16.1 24.1



## Manual Integration Report

Sequence:

BF100625

Instrument

BNA\_f

| Sample ID   | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On         | Reason                      |
|-------------|------------|--------------|-----------|----------------------|---------------|-----------------------|-----------------------------|
| SSTDICC005  | BF143876.D | Phenol       | rahul     | 10/7/2025 9:06:31 AM | Jagrut        | 10/7/2025 11:32:03 AM | Peak Integrated by Software |
| SSTDICC010  | BF143877.D | Benzoic acid | rahul     | 10/7/2025 9:06:33 AM | Jagrut        | 10/7/2025 11:32:06 AM | Peak Integrated by Software |
| SSTDICC010  | BF143877.D | Phenol       | rahul     | 10/7/2025 9:06:33 AM | Jagrut        | 10/7/2025 11:32:06 AM | Peak Integrated by Software |
| SSTDICC020  | BF143878.D | Benzoic acid | rahul     | 10/7/2025 9:06:36 AM | Jagrut        | 10/7/2025 11:32:08 AM | Peak Integrated by Software |
| SSTDICC020  | BF143878.D | Phenol       | rahul     | 10/7/2025 9:06:36 AM | Jagrut        | 10/7/2025 11:32:08 AM | Peak Integrated by Software |
| SSTDICCC040 | BF143879.D | Benzoic acid | rahul     | 10/7/2025 9:06:41 AM | Jagrut        | 10/7/2025 11:32:10 AM | Peak Integrated by Software |
| SSTDICCC040 | BF143879.D | Phenol       | rahul     | 10/7/2025 9:06:41 AM | Jagrut        | 10/7/2025 11:32:10 AM | Peak Integrated by Software |
| SSTDICC080  | BF143882.D | Benzoic acid | rahul     | 10/7/2025 9:06:44 AM | Jagrut        | 10/7/2025 11:32:12 AM | Peak Integrated by Software |
| SSTDICV040  | BF143883.D | Phenol       | rahul     | 10/7/2025 9:06:46 AM | Jagrut        | 10/7/2025 11:32:15 AM | Peak Integrated by Software |



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## Manual Integration Report

Sequence:

BF102025

Instrument

BNA\_f

| Sample ID   | File ID    | Parameter                     | Review By | Review On                | Supervised By | Supervised On            | Reason                      |
|-------------|------------|-------------------------------|-----------|--------------------------|---------------|--------------------------|-----------------------------|
| Q3381-03MSD | BF144001.D | 2,3,4,6-Tetrachlorophen<br>ol | rahul     | 10/21/2025<br>3:18:44 PM | Jagrut        | 10/21/2025<br>4:38:01 PM | Peak Integrated by Software |



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## Manual Integration Report

Sequence:

BF102125

Instrument

BNA\_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | BG100225 | Instrument | BNA_g |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On        | Reason                      |
|-------------|------------|----------------------|-----------|----------------------|---------------|----------------------|-----------------------------|
| SSTDIC005   | BG064474.D | Anthracene           | Rahul     | 10/3/2025 8:37:57 AM | Jagrut        | 10/3/2025 3:25:00 PM | Peak Integrated by Software |
| SSTDIC005   | BG064474.D | Benzo(b)fluoranthene | Rahul     | 10/3/2025 8:37:57 AM | Jagrut        | 10/3/2025 3:25:00 PM | Peak Integrated by Software |
| SSTDIC020   | BG064476.D | 1-Methylnaphthalene  | Rahul     | 10/3/2025 8:38:04 AM | Jagrut        | 10/3/2025 3:25:05 PM | Peak Integrated by Software |
| SSTDIC020   | BG064476.D | Benzaldehyde         | Rahul     | 10/3/2025 8:38:04 AM | Jagrut        | 10/3/2025 3:25:05 PM | Peak Integrated by Software |
| SSTDIC020   | BG064476.D | Benzoic acid         | Rahul     | 10/3/2025 8:38:04 AM | Jagrut        | 10/3/2025 3:25:05 PM | Peak Integrated by Software |
| SSTDICCC040 | BG064477.D | Benzaldehyde         | Rahul     | 10/3/2025 8:38:08 AM | Jagrut        | 10/3/2025 3:25:08 PM | Peak Integrated by Software |
| SSTDICCC040 | BG064477.D | Benzoic acid         | Rahul     | 10/3/2025 8:38:08 AM | Jagrut        | 10/3/2025 3:25:08 PM | Peak Integrated by Software |
| SSTDIC050   | BG064478.D | Benzoic acid         | Rahul     | 10/3/2025 8:38:10 AM | Jagrut        | 10/3/2025 3:25:09 PM | Peak Integrated by Software |
| SSTDIC060   | BG064479.D | Benzoic acid         | Rahul     | 10/3/2025 8:38:13 AM | Jagrut        | 10/3/2025 3:25:12 PM | Peak Integrated by Software |
| SSTDIC080   | BG064480.D | Benzoic acid         | Rahul     | 10/3/2025 8:38:15 AM | Jagrut        | 10/3/2025 3:25:14 PM | Peak Integrated by Software |
| SSTDIC010   | BG064481.D | Benzoic acid         | Rahul     | 10/3/2025 8:38:18 AM | Jagrut        | 10/3/2025 3:25:20 PM | Peak Integrated by Software |
| SSTDICV040  | BG064482.D | Benzoic acid         | Rahul     | 10/3/2025 8:38:21 AM | Jagrut        | 10/3/2025 3:25:22 PM | Peak Integrated by Software |



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## Manual Integration Report

Sequence:

BG100225

Instrument

BNA\_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

Sequence:

BG102025

Instrument

BNA\_g

| Sample ID  | File ID    | Parameter             | Review By | Review On                | Supervised By | Supervised On            | Reason                      |
|------------|------------|-----------------------|-----------|--------------------------|---------------|--------------------------|-----------------------------|
| SSTDCCC040 | BG064547.D | 2,4,6-Trichlorophenol | rahul     | 10/21/2025<br>3:20:56 PM | Jagrut        | 10/21/2025<br>4:30:12 PM | Peak Integrated by Software |
| PB170165BS | BG064549.D | 1-Methylnaphthalene   | rahul     | 10/21/2025<br>3:21:01 PM | Jagrut        | 10/21/2025<br>4:30:15 PM | Peak Integrated by Software |



Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF100625**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | Rahul                                                   | Review On            | 10/6/2025 4:17:39 PM  |
| Supervise By             | Jagrut                                                  | Supervise On         | 10/7/2025 11:32:28 AM |
| SubDirectory             | BF100625                                                | HP Acquire Method    | BNA_F                 |
|                          |                                                         | HP Processing Method | bf100625              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6875                                                  |                      |                       |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                       |
| CCC                      | SP6860                                                  |                      |                       |
| Internal Standard/PEM    | S13177,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6872                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BF143874.D     | 06 Oct 2025 09:30 | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | BF143875.D     | 06 Oct 2025 09:59 | RC/JU    | Ok     |
| 3   | SSTDICC005  | BF143876.D     | 06 Oct 2025 10:28 | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | BF143877.D     | 06 Oct 2025 10:57 | RC/JU    | Ok,M   |
| 5   | SSTDICC020  | BF143878.D     | 06 Oct 2025 11:56 | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | BF143879.D     | 06 Oct 2025 12:54 | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | BF143880.D     | 06 Oct 2025 13:23 | RC/JU    | Ok     |
| 8   | SSTDICC060  | BF143881.D     | 06 Oct 2025 13:53 | RC/JU    | Ok     |
| 9   | SSTDICC080  | BF143882.D     | 06 Oct 2025 14:22 | RC/JU    | Ok,M   |
| 10  | SSTDICV040  | BF143883.D     | 06 Oct 2025 16:08 | RC/JU    | Ok,M   |
| 11  | PB169953BL  | BF143884.D     | 06 Oct 2025 16:38 | RC/JU    | Not Ok |
| 12  | PB169953BS  | BF143885.D     | 06 Oct 2025 17:07 | RC/JU    | Not Ok |

M : Manual Integration

Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102025**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | rahul                                                   | Review On            | 10/21/2025 3:20:06 PM |
| Supervise By             | Jagrut                                                  | Supervise On         | 10/21/2025 4:42:19 PM |
| SubDirectory             | BF102025                                                | HP Acquire Method    | BNA_F                 |
|                          |                                                         | HP Processing Method | BF100625              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6875                                                  |                      |                       |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                       |
| CCC                      | SP6860                                                  |                      |                       |
| Internal Standard/PEM    | S13178,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6872                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BF143996.D     | 20 Oct 2025 12:02 | RC/JU    | Ok     |
| 2   | SSTDCCC040  | BF143997.D     | 20 Oct 2025 13:28 | RC/JU    | Ok     |
| 3   | PB170165BL  | BF143998.D     | 20 Oct 2025 13:57 | RC/JU    | Ok     |
| 4   | Q3381-03    | BF143999.D     | 20 Oct 2025 15:29 | RC/JU    | Ok,M   |
| 5   | Q3381-03MS  | BF144000.D     | 20 Oct 2025 15:57 | RC/JU    | Ok     |
| 6   | Q3381-03MSD | BF144001.D     | 20 Oct 2025 16:27 | RC/JU    | Ok,M   |
| 7   | Q3374-01    | BF144002.D     | 20 Oct 2025 16:56 | RC/JU    | Ok,M   |
| 8   | Q3381-01    | BF144003.D     | 20 Oct 2025 17:25 | RC/JU    | Ok,M   |
| 9   | Q3381-07    | BF144004.D     | 20 Oct 2025 17:54 | RC/JU    | Ok,M   |
| 10  | Q3382-01    | BF144005.D     | 20 Oct 2025 18:24 | RC/JU    | Ok,M   |
| 11  | Q3388-01    | BF144006.D     | 20 Oct 2025 18:53 | RC/JU    | Ok,M   |
| 12  | Q3390-01    | BF144007.D     | 20 Oct 2025 19:22 | RC/JU    | Ok     |

M : Manual Integration

Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102125**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | rahul                                                   | Review On            | 10/22/2025 2:35:54 PM |
| Supervise By             | Jagrut                                                  | Supervise On         | 10/22/2025 2:50:46 PM |
| SubDirectory             | BF102125                                                | HP Acquire Method    | BNA_F                 |
|                          |                                                         | HP Processing Method | BF100625              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6875                                                  |                      |                       |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                       |
| CCC                      | SP6860                                                  |                      |                       |
| Internal Standard/PEM    | S13178,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6872                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BF144008.D     | 21 Oct 2025 12:43 | RC/JU    | Ok     |
| 2   | SSTDCCC040  | BF144009.D     | 21 Oct 2025 13:29 | RC/JU    | Ok     |
| 3   | PB170166BL  | BF144010.D     | 21 Oct 2025 13:58 | RC/JU    | Ok     |
| 4   | PB170166BS  | BF144011.D     | 21 Oct 2025 14:26 | RC/JU    | Ok,M   |
| 5   | PB170166BSD | BF144012.D     | 21 Oct 2025 14:59 | RC/JU    | Ok,M   |
| 6   | Q3386-03    | BF144013.D     | 21 Oct 2025 15:33 | RC/JU    | Ok,M   |
| 7   | Q3386-04    | BF144014.D     | 21 Oct 2025 16:03 | RC/JU    | Ok,M   |
| 8   | Q3375-01    | BF144015.D     | 21 Oct 2025 16:32 | RC/JU    | Ok     |
| 9   | Q3375-02    | BF144016.D     | 21 Oct 2025 17:02 | RC/JU    | Ok     |
| 10  | Q3375-03    | BF144017.D     | 21 Oct 2025 17:31 | RC/JU    | Ok     |
| 11  | Q3375-04    | BF144018.D     | 21 Oct 2025 18:01 | RC/JU    | Ok     |
| 12  | Q3375-05    | BF144019.D     | 21 Oct 2025 18:30 | RC/JU    | Ok     |
| 13  | Q3402-07    | BF144020.D     | 21 Oct 2025 18:59 | RC/JU    | Ok     |
| 14  | Q3402-07MS  | BF144021.D     | 21 Oct 2025 19:28 | RC/JU    | Ok     |
| 15  | Q3402-07MSD | BF144022.D     | 21 Oct 2025 19:58 | RC/JU    | Ok     |
| 16  | Q3402-10    | BF144023.D     | 21 Oct 2025 20:27 | RC/JU    | Ok,M   |
| 17  | Q3403-01    | BF144024.D     | 21 Oct 2025 20:56 | RC/JU    | Ok,M   |
| 18  | Q3397-01    | BF144025.D     | 21 Oct 2025 21:25 | RC/JU    | Ok     |
| 19  | Q3402-04    | BF144026.D     | 21 Oct 2025 21:55 | RC/JU    | Ok     |
| 20  | Q3402-01    | BF144027.D     | 21 Oct 2025 22:24 | RC/JU    | Ok,M   |
| 21  | Q3376-01    | BF144028.D     | 21 Oct 2025 22:53 | RC/JU    | Ok,M   |

Instrument ID: **BNA\_F**

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102125**

| Review By                | rahul                                                   | Review On            | 10/22/2025 2:35:54 PM |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Supervise By             | Jagrut                                                  | Supervise On         | 10/22/2025 2:50:46 PM |
| SubDirectory             | BF102125                                                | HP Acquire Method    | BNA_F                 |
|                          |                                                         | HP Processing Method | BF100625              |
| STD. NAME                | STD REF.#                                               |                      |                       |
| Tune/Reschk              | SP6875                                                  |                      |                       |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                       |
| CCC                      | SP6860                                                  |                      |                       |
| Internal Standard/PEM    | S13178,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6872                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

|    |          |            |                   |       |      |
|----|----------|------------|-------------------|-------|------|
| 22 | Q3376-02 | BF144029.D | 21 Oct 2025 23:22 | RC/JU | Ok,M |
| 23 | Q3393-02 | BF144030.D | 21 Oct 2025 23:51 | RC/JU | Ok   |

M : Manual Integration

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG100225**

| Review By                | Rahul    | Review On                                               | 10/3/2025 8:38:44 AM |                      |          |
|--------------------------|----------|---------------------------------------------------------|----------------------|----------------------|----------|
| Supervise By             | Jagrut   | Supervise On                                            | 10/3/2025 3:25:38 PM |                      |          |
| SubDirectory             | BG100225 | HP Acquire Method                                       | BNA_G                | HP Processing Method | bg100225 |
| STD. NAME                |          | STD REF.#                                               |                      |                      |          |
| Tune/Reschk              |          | SP6875                                                  |                      |                      |          |
| Initial Calibration Stds |          | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                      |          |
| CCC                      |          | SP6860                                                  |                      |                      |          |
| Internal Standard/PEM    |          | S13176,10ul/1000ul sample                               |                      |                      |          |
| ICV/I.BLK                |          | SP6872                                                  |                      |                      |          |
| Surrogate Standard       |          |                                                         |                      |                      |          |
| MS/MSD Standard          |          |                                                         |                      |                      |          |
| LCS Standard             |          |                                                         |                      |                      |          |

| Sr# | SampleId    | Data File Name | Date-Time        | Operator | Status |
|-----|-------------|----------------|------------------|----------|--------|
| 1   | DFTPP       | BG064472.D     | 2 Oct 2025 8:21  | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | BG064473.D     | 2 Oct 2025 9:01  | RC/JU    | Ok     |
| 3   | SSTDICC005  | BG064474.D     | 2 Oct 2025 9:42  | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | BG064475.D     | 2 Oct 2025 10:53 | RC/JU    | Not Ok |
| 5   | SSTDICC020  | BG064476.D     | 2 Oct 2025 11:33 | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | BG064477.D     | 2 Oct 2025 12:14 | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | BG064478.D     | 2 Oct 2025 12:55 | RC/JU    | Ok,M   |
| 8   | SSTDICC060  | BG064479.D     | 2 Oct 2025 13:35 | RC/JU    | Ok,M   |
| 9   | SSTDICC080  | BG064480.D     | 2 Oct 2025 14:16 | RC/JU    | Ok,M   |
| 10  | SSTDICC010  | BG064481.D     | 2 Oct 2025 15:49 | RC/JU    | Ok,M   |
| 11  | SSTDICV040  | BG064482.D     | 2 Oct 2025 18:09 | RC/JU    | Ok,M   |
| 12  | PB169936BL  | BG064483.D     | 2 Oct 2025 18:50 | RC/JU    | Not Ok |

M : Manual Integration

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG102025**

| Review By                | rahul    | Review On                                               | 10/21/2025 3:22:12 PM |                      |          |
|--------------------------|----------|---------------------------------------------------------|-----------------------|----------------------|----------|
| Supervise By             | Jagrut   | Supervise On                                            | 10/21/2025 4:30:57 PM |                      |          |
| SubDirectory             | BG102025 | HP Acquire Method                                       | BNA_G                 | HP Processing Method | bg100225 |
| STD. NAME                |          | STD REF.#                                               |                       |                      |          |
| Tune/Reschk              |          | SP6875                                                  |                       |                      |          |
| Initial Calibration Stds |          | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                       |                      |          |
| CCC                      |          | SP6860                                                  |                       |                      |          |
| Internal Standard/PEM    |          | S13178,10ul/1000ul sample                               |                       |                      |          |
| ICV/I.BLK                |          | SP6872                                                  |                       |                      |          |
| Surrogate Standard       |          |                                                         |                       |                      |          |
| MS/MSD Standard          |          |                                                         |                       |                      |          |
| LCS Standard             |          |                                                         |                       |                      |          |

| Sr# | SampleId   | Data File Name | Date-Time         | Operator | Status |
|-----|------------|----------------|-------------------|----------|--------|
| 1   | DFTPP      | BG064546.D     | 20 Oct 2025 12:03 | RC/JU    | Ok     |
| 2   | SSTDCCC040 | BG064547.D     | 20 Oct 2025 12:44 | RC/JU    | Ok,M   |
| 3   | PB170165BL | BG064548.D     | 20 Oct 2025 13:44 | RC/JU    | Ok     |
| 4   | PB170165BS | BG064549.D     | 20 Oct 2025 14:25 | RC/JU    | Ok,M   |
| 5   | Q3374-05   | BG064550.D     | 20 Oct 2025 15:21 | RC/JU    | Ok     |
| 6   | Q3390-03   | BG064551.D     | 20 Oct 2025 16:02 | RC/JU    | Ok,M   |
| 7   | Q3386-01   | BG064552.D     | 20 Oct 2025 16:43 | RC/JU    | Ok     |
| 8   | Q3392-01   | BG064553.D     | 20 Oct 2025 17:24 | RC/JU    | Ok,M   |
| 9   | Q3392-05   | BG064554.D     | 20 Oct 2025 18:05 | RC/JU    | Ok,M   |
| 10  | Q3381-05   | BG064555.D     | 20 Oct 2025 18:46 | RC/JU    | Ok,M   |
| 11  | Q3383-01   | BG064556.D     | 20 Oct 2025 19:27 | RC/JU    | Ok,M   |

M : Manual Integration

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF100625**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | Rahul    | Review On            | 10/6/2025 4:17:39 PM  |
| Supervise By | Jagrut   | Supervise On         | 10/7/2025 11:32:28 AM |
| SubDirectory | BF100625 | HP Acquire Method    | BNA_F                 |
|              |          | HP Processing Method | bf100625              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13177,10ul/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       | BF143874.D     | 06 Oct 2025 09:30 |                                       | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | SSTDICC2.5  | BF143875.D     | 06 Oct 2025 09:59 |                                       | RC/JU    | Ok     |
| 3   | SSTDICC005  | SSTDICC005  | BF143876.D     | 06 Oct 2025 10:28 |                                       | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | SSTDICC010  | BF143877.D     | 06 Oct 2025 10:57 |                                       | RC/JU    | Ok,M   |
| 5   | SSTDICC020  | SSTDICC020  | BF143878.D     | 06 Oct 2025 11:56 |                                       | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | SSTDICCC040 | BF143879.D     | 06 Oct 2025 12:54 | compound #54 kept on LR               | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | SSTDICC050  | BF143880.D     | 06 Oct 2025 13:23 |                                       | RC/JU    | Ok     |
| 8   | SSTDICC060  | SSTDICC060  | BF143881.D     | 06 Oct 2025 13:53 |                                       | RC/JU    | Ok     |
| 9   | SSTDICC080  | SSTDICC080  | BF143882.D     | 06 Oct 2025 14:22 | Compound #45 & #77 removed from 80PPM | RC/JU    | Ok,M   |
| 10  | SSTDICV040  | ICVBF100625 | BF143883.D     | 06 Oct 2025 16:08 |                                       | RC/JU    | Ok,M   |
| 11  | PB169953BL  | PB169953BL  | BF143884.D     | 06 Oct 2025 16:38 | Surrogate Fail                        | RC/JU    | Not Ok |
| 12  | PB169953BS  | PB169953BS  | BF143885.D     | 06 Oct 2025 17:07 | Surrogate Fail                        | RC/JU    | Not Ok |

M : Manual Integration

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102025**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | rahul    | Review On            | 10/21/2025 3:20:06 PM |
| Supervise By | Jagrut   | Supervise On         | 10/21/2025 4:42:19 PM |
| SubDirectory | BF102025 | HP Acquire Method    | BNA_F                 |
|              |          | HP Processing Method | BF100625              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13178,10ul/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          | BF143996.D     | 20 Oct 2025 12:02 |                                    | RC/JU    | Ok     |
| 2   | SSTDCCC040  | SSTDCCC040     | BF143997.D     | 20 Oct 2025 13:28 |                                    | RC/JU    | Ok     |
| 3   | PB170165BL  | PB170165BL     | BF143998.D     | 20 Oct 2025 13:57 |                                    | RC/JU    | Ok     |
| 4   | Q3381-03    | VNJ-245        | BF143999.D     | 20 Oct 2025 15:29 |                                    | RC/JU    | Ok,M   |
| 5   | Q3381-03MS  | VNJ-245MS      | BF144000.D     | 20 Oct 2025 15:57 |                                    | RC/JU    | Ok     |
| 6   | Q3381-03MSD | VNJ-245MSD     | BF144001.D     | 20 Oct 2025 16:27 |                                    | RC/JU    | Ok,M   |
| 7   | Q3374-01    | TP-4-WC        | BF144002.D     | 20 Oct 2025 16:56 |                                    | RC/JU    | Ok,M   |
| 8   | Q3381-01    | VNJ-222        | BF144003.D     | 20 Oct 2025 17:25 |                                    | RC/JU    | Ok,M   |
| 9   | Q3381-07    | VNJ-255        | BF144004.D     | 20 Oct 2025 17:54 |                                    | RC/JU    | Ok,M   |
| 10  | Q3382-01    | CENTRAL-AVE-TP | BF144005.D     | 20 Oct 2025 18:24 |                                    | RC/JU    | Ok,M   |
| 11  | Q3388-01    | 461            | BF144006.D     | 20 Oct 2025 18:53 | Surrogate & Internal Standard fail | RC/JU    | Ok,M   |
| 12  | Q3390-01    | 4174           | BF144007.D     | 20 Oct 2025 19:22 |                                    | RC/JU    | Ok     |

M : Manual Integration



Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102125**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | rahul    | Review On            | 10/22/2025 2:35:54 PM |
| Supervise By | Jagrut   | Supervise On         | 10/22/2025 2:50:46 PM |
| SubDirectory | BF102125 | HP Acquire Method    | BNA_F                 |
|              |          | HP Processing Method | BF100625              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13178,10ul/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               | BF144008.D     | 21 Oct 2025 12:43 |                        | RC/JU    | Ok     |
| 2   | SSTDCCC040  | SSTDCCC040          | BF144009.D     | 21 Oct 2025 13:29 |                        | RC/JU    | Ok     |
| 3   | PB170166BL  | PB170166BL          | BF144010.D     | 21 Oct 2025 13:58 |                        | RC/JU    | Ok     |
| 4   | PB170166BS  | PB170166BS          | BF144011.D     | 21 Oct 2025 14:26 |                        | RC/JU    | Ok,M   |
| 5   | PB170166BSD | PB170166BSD         | BF144012.D     | 21 Oct 2025 14:59 |                        | RC/JU    | Ok,M   |
| 6   | Q3386-03    | 3443                | BF144013.D     | 21 Oct 2025 15:33 | Internal standard fail | RC/JU    | Ok,M   |
| 7   | Q3386-04    | 3444                | BF144014.D     | 21 Oct 2025 16:03 |                        | RC/JU    | Ok,M   |
| 8   | Q3375-01    | PR132-S02-074099-20 | BF144015.D     | 21 Oct 2025 16:32 |                        | RC/JU    | Ok     |
| 9   | Q3375-02    | PR132-S04-000013-20 | BF144016.D     | 21 Oct 2025 17:02 |                        | RC/JU    | Ok     |
| 10  | Q3375-03    | PR132-S05-000057-20 | BF144017.D     | 21 Oct 2025 17:31 |                        | RC/JU    | Ok     |
| 11  | Q3375-04    | PR132-S02-010074-20 | BF144018.D     | 21 Oct 2025 18:01 |                        | RC/JU    | Ok     |
| 12  | Q3375-05    | PR132-DP02-074099-2 | BF144019.D     | 21 Oct 2025 18:30 |                        | RC/JU    | Ok     |
| 13  | Q3402-07    | 41-LB               | BF144020.D     | 21 Oct 2025 18:59 |                        | RC/JU    | Ok     |
| 14  | Q3402-07MS  | 41-LBMS             | BF144021.D     | 21 Oct 2025 19:28 |                        | RC/JU    | Ok     |
| 15  | Q3402-07MSD | 41-LBMSD            | BF144022.D     | 21 Oct 2025 19:58 |                        | RC/JU    | Ok     |
| 16  | Q3402-10    | 41-RB               | BF144023.D     | 21 Oct 2025 20:27 |                        | RC/JU    | Ok,M   |
| 17  | Q3403-01    | MH-18               | BF144024.D     | 21 Oct 2025 20:56 |                        | RC/JU    | Ok,M   |
| 18  | Q3397-01    | TP-7-WC             | BF144025.D     | 21 Oct 2025 21:25 |                        | RC/JU    | Ok     |

Instrument ID: BNA\_F

**Daily Analysis Runlog For Sequence/QC Batch ID # BF102125**

| Review By                | rahul                                                   | Review On         | 10/22/2025 2:35:54 PM |                      |          |
|--------------------------|---------------------------------------------------------|-------------------|-----------------------|----------------------|----------|
| Supervise By             | Jagrut                                                  | Supervise On      | 10/22/2025 2:50:46 PM |                      |          |
| SubDirectory             | BF102125                                                | HP Acquire Method | BNA_F                 | HP Processing Method | BF100625 |
| STD. NAME                | STD REF.#                                               |                   |                       |                      |          |
| Tune/Reschk              | SP6875                                                  |                   |                       |                      |          |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                   |                       |                      |          |
| CCC                      | SP6860                                                  |                   |                       |                      |          |
| Internal Standard/PEM    | S13178,10ul/1000ul sample                               |                   |                       |                      |          |
| ICV/I.BLK                | SP6872                                                  |                   |                       |                      |          |
| Surrogate Standard       |                                                         |                   |                       |                      |          |
| MS/MSD Standard          |                                                         |                   |                       |                      |          |
| LCS Standard             |                                                         |                   |                       |                      |          |

|    |          |                     |            |                   |  |       |      |
|----|----------|---------------------|------------|-------------------|--|-------|------|
| 19 | Q3402-04 | 41-RA               | BF144026.D | 21 Oct 2025 21:55 |  | RC/JU | Ok   |
| 20 | Q3402-01 | 41-LA               | BF144027.D | 21 Oct 2025 22:24 |  | RC/JU | Ok,M |
| 21 | Q3376-01 | PR132-S05-057082-20 | BF144028.D | 21 Oct 2025 22:53 |  | RC/JU | Ok,M |
| 22 | Q3376-02 | PR132-DP01-20251016 | BF144029.D | 21 Oct 2025 23:22 |  | RC/JU | Ok,M |
| 23 | Q3393-02 | PR132-S10-022047-20 | BF144030.D | 21 Oct 2025 23:51 |  | RC/JU | Ok   |

M : Manual Integration

Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG100225**

|              |          |                   |                      |                      |          |
|--------------|----------|-------------------|----------------------|----------------------|----------|
| Review By    | Rahul    | Review On         | 10/3/2025 8:38:44 AM |                      |          |
| Supervise By | Jagrut   | Supervise On      | 10/3/2025 3:25:38 PM |                      |          |
| SubDirectory | BG100225 | HP Acquire Method | BNA_G                | HP Processing Method | bg100225 |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13176,10ul/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       | BG064472.D     | 2 Oct 2025 8:21  |                                         | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | SSTDICC2.5  | BG064473.D     | 2 Oct 2025 9:01  |                                         | RC/JU    | Ok     |
| 3   | SSTDICC005  | SSTDICC005  | BG064474.D     | 2 Oct 2025 9:42  |                                         | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | SSTDICC010  | BG064475.D     | 2 Oct 2025 10:53 | Not Used                                | RC/JU    | Not Ok |
| 5   | SSTDICC020  | SSTDICC020  | BG064476.D     | 2 Oct 2025 11:33 |                                         | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | SSTDICCC040 | BG064477.D     | 2 Oct 2025 12:14 | Compound failed in the calibration. #77 | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | SSTDICC050  | BG064478.D     | 2 Oct 2025 12:55 |                                         | RC/JU    | Ok,M   |
| 8   | SSTDICC060  | SSTDICC060  | BG064479.D     | 2 Oct 2025 13:35 |                                         | RC/JU    | Ok,M   |
| 9   | SSTDICC080  | SSTDICC080  | BG064480.D     | 2 Oct 2025 14:16 |                                         | RC/JU    | Ok,M   |
| 10  | SSTDICC010  | SSTDICC010  | BG064481.D     | 2 Oct 2025 15:49 |                                         | RC/JU    | Ok,M   |
| 11  | SSTDICV040  | ICVBG100225 | BG064482.D     | 2 Oct 2025 18:09 |                                         | RC/JU    | Ok,M   |
| 12  | PB169936BL  | PB169936BL  | BG064483.D     | 2 Oct 2025 18:50 | Surrogate Fail                          | RC/JU    | Not Ok |

M : Manual Integration

Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG102025**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | rahul    | Review On            | 10/21/2025 3:22:12 PM |
| Supervise By | Jagrut   | Supervise On         | 10/21/2025 4:30:57 PM |
| SubDirectory | BG102025 | HP Acquire Method    | BNA_G                 |
|              |          | HP Processing Method | bg100225              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6875                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13178,10ul/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        | BG064546.D     | 20 Oct 2025 12:03 |         | RC/JU    | Ok     |
| 2   | SSTDCCC040 | SSTDCCC040   | BG064547.D     | 20 Oct 2025 12:44 |         | RC/JU    | Ok,M   |
| 3   | PB170165BL | PB170165BL   | BG064548.D     | 20 Oct 2025 13:44 |         | RC/JU    | Ok     |
| 4   | PB170165BS | PB170165BS   | BG064549.D     | 20 Oct 2025 14:25 |         | RC/JU    | Ok,M   |
| 5   | Q3374-05   | TP-5-WC      | BG064550.D     | 20 Oct 2025 15:21 |         | RC/JU    | Ok     |
| 6   | Q3390-03   | 340          | BG064551.D     | 20 Oct 2025 16:02 |         | RC/JU    | Ok,M   |
| 7   | Q3386-01   | 237          | BG064552.D     | 20 Oct 2025 16:43 |         | RC/JU    | Ok     |
| 8   | Q3392-01   | MH-20        | BG064553.D     | 20 Oct 2025 17:24 |         | RC/JU    | Ok,M   |
| 9   | Q3392-05   | MH-19        | BG064554.D     | 20 Oct 2025 18:05 |         | RC/JU    | Ok,M   |
| 10  | Q3381-05   | RBR200059    | BG064555.D     | 20 Oct 2025 18:46 |         | RC/JU    | Ok,M   |
| 11  | Q3383-01   | OR-03-101725 | BG064556.D     | 20 Oct 2025 19:27 |         | RC/JU    | Ok,M   |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: rubina  
Date: 10/20/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 10/17/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 09:25  
Out Date: 10/18/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB137576

| 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 |
|----------|----------------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|----------|
| Q3373-05 | SVOC-GPC-BLANK             | 1      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q3373-06 | PEST-GPC-BLANK             | 2      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q3373-07 | PEST-GPC-BLANK-SPIKE       | 3      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q3373-08 | SVOC-GPC2-BLANK            | 4      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q3373-09 | PEST-GPC2-BLANK            | 5      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q3373-10 | PEST -GPC2-BLANK-SPIKE     | 6      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q3374-01 | TP-4-WC                    | 7      | 1.15           | 10.69        | 11.84                   | 10.25                     | 85.1    |          |
| Q3374-02 | TP-4-WC-EPH                | 8      | 1.11           | 10.86        | 11.97                   | 11.38                     | 94.6    |          |
| Q3374-03 | TP-4-WC-VOC                | 9      | 1.15           | 10.45        | 11.6                    | 10.31                     | 87.7    |          |
| Q3374-05 | TP-5-WC                    | 10     | 1.13           | 10.30        | 11.43                   | 10.72                     | 93.1    |          |
| Q3374-06 | TP-5-WC-EPH                | 11     | 1.17           | 10.34        | 11.51                   | 9.95                      | 84.9    |          |
| Q3374-07 | TP-5-WC-VOC                | 12     | 1.18           | 10.94        | 12.12                   | 11.19                     | 91.5    |          |
| Q3375-01 | PR132-S02-074099-20251016  | 13     | 1.12           | 10.21        | 11.33                   | 8.19                      | 69.2    |          |
| Q3375-02 | PR132-S04-000013-20251016  | 14     | 1.15           | 10.84        | 11.99                   | 9.25                      | 74.7    |          |
| Q3375-03 | PR132-S05-000057-20251016  | 15     | 1.16           | 10.58        | 11.74                   | 8.22                      | 66.7    |          |
| Q3375-04 | PR132-S02-010074-20251016  | 16     | 1.14           | 10.34        | 11.48                   | 6.86                      | 55.3    |          |
| Q3375-05 | PR132-DP02-074099-20251016 | 17     | 1.15           | 10.84        | 11.99                   | 8.38                      | 66.7    |          |
| Q3376-01 | PR132-S05-057082-20251016  | 18     | 1.13           | 10.84        | 11.97                   | 6.93                      | 53.5    |          |
| Q3376-02 | PR132-DP01-20251016        | 19     | 1.16           | 10.07        | 11.23                   | 6.56                      | 53.6    |          |
| Q3376-03 | PR132-COMP2-20251016       | 20     | 1.11           | 10.13        | 11.24                   | 6.45                      | 52.7    |          |
| Q3376-04 | PR132-S12-047072-20251016  | 21     | 1.15           | 10.70        | 11.85                   | 6.64                      | 51.3    |          |
| Q3376-05 | PR132-S12-020047-20251016  | 22     | 1.13           | 10.49        | 11.62                   | 8.14                      | 66.8    |          |
| Q3381-01 | VNJ-222                    | 23     | 1.18           | 10.38        | 11.56                   | 10.46                     | 89.4    |          |
| Q3381-03 | VNJ-245                    | 24     | 1.18           | 10.64        | 11.82                   | 9.86                      | 81.6    |          |
| Q3381-05 | RBR200059                  | 25     | 1.11           | 10.71        | 11.82                   | 10.6                      | 88.6    |          |



# PERCENT SOLID

Supervisor: Iwona  
Analyst: rubina  
Date: 10/20/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 10/17/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 09:25  
Out Date: 10/18/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB137576

| 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        |
|----------|----------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-----------------|
| Q3381-07 | VNJ-255              | 26     | 1.16           | 10.11        | 11.27                   | 10.51                     | 92.5    |                 |
| Q3382-01 | CENTRAL-AVE-TP       | 27     | 1.14           | 10.73        | 11.87                   | 10.25                     | 84.9    |                 |
| Q3382-02 | CENTRAL-AVE-TP-EPH-2 | 28     | 1.16           | 10.81        | 11.97                   | 9.78                      | 79.7    |                 |
| Q3383-01 | OR-03-101725         | 29     | 1.13           | 10.60        | 11.73                   | 10.88                     | 92.0    |                 |
| Q3383-02 | OR-03-101725-E2      | 30     | 1.14           | 10.91        | 12.05                   | 11.07                     | 91.0    |                 |
| Q3386-01 | 237                  | 38     | 1.15           | 10.68        | 11.83                   | 11.2                      | 94.1    |                 |
| Q3386-02 | 237-E2               | 39     | 1.15           | 10.85        | 12.00                   | 11.2                      | 92.6    |                 |
| Q3387-01 | BC289050-1-1         | 40     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3387-02 | BC289050-1-2         | 41     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3387-03 | BC289050-2-1         | 42     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3387-04 | BC289050-2-2         | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3388-01 | 461                  | 44     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | soily-debris    |
| Q3389-01 | KMH472J-1-1          | 45     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3389-02 | KMH472J-1-2          | 46     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3390-01 | 4175                 | 47     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | debris          |
| Q3390-03 | 340                  | 48     | 1.18           | 10.76        | 11.94                   | 10.34                     | 85.1    |                 |
| Q3390-04 | 340-E2               | 49     | 1.16           | 10.88        | 12.04                   | 9.11                      | 73.1    |                 |
| Q3391-01 | RCA                  | 31     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3392-01 | MH-20                | 32     | 1.18           | 10.77        | 11.95                   | 10.9                      | 90.3    |                 |
| Q3392-02 | MH-20-EPH            | 33     | 1.16           | 11.00        | 12.16                   | 11.07                     | 90.1    |                 |
| Q3392-03 | MH-20-VOC            | 34     | 1.18           | 10.89        | 12.07                   | 10.69                     | 87.3    |                 |
| Q3392-05 | MH-19                | 35     | 1.16           | 10.50        | 11.66                   | 10.34                     | 87.4    |                 |
| Q3392-06 | MH-19-EPH            | 36     | 1.12           | 10.87        | 11.99                   | 10.41                     | 85.5    |                 |
| Q3392-07 | MH-19-VOC            | 37     | 1.16           | 10.50        | 11.66                   | 10.37                     | 87.7    |                 |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

137516

WorkList Name : %1-101725

WorkList ID : 192523

Department : Wet-Chemistry

Date : 10-17-2025 10:20:50

| Sample   | Customer Sample            | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|----------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3373-05 | SVOC-GPC-BLANK             | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | J32                         | 10/10/2025   | Chemtech -SO |
| Q3373-06 | PEST-GPC-BLANK             | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | J32                         | 10/10/2025   | Chemtech -SO |
| Q3373-07 | PEST-GPC-BLANK-SPIKE       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | J32                         | 10/10/2025   | Chemtech -SO |
| Q3373-08 | SVOC-GPC2-BLANK            | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | J32                         | 10/10/2025   | Chemtech -SO |
| Q3373-09 | PEST-GPC2-BLANK            | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | J32                         | 10/10/2025   | Chemtech -SO |
| Q3373-10 | PEST -GPC2-BLANK-SPIKE     | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | J32                         | 10/10/2025   | Chemtech -SO |
| Q3374-01 | TP-4-WC                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3374-02 | TP-4-WC-EPH                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3374-03 | TP-4-WC-VOC                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3374-05 | TP-5-WC                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3374-06 | TP-5-WC-EPH                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3374-07 | TP-5-WC-VOC                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3375-01 | PR132-S02-074099-20251016  | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3375-02 | PR132-S04-000013-20251016  | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3375-03 | PR132-S05-000057-20251016  | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3375-04 | PR132-S02-010074-20251016  | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3375-05 | PR132-DP02-074099-20251016 | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3376-01 | PR132-S05-057082-20251016  | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3376-02 | PR132-DP01-20251016        | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3376-03 | PR132-COMP2-20251016       | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3376-04 | PR132-S12-047072-20251016  | Solid  | Percent Solids | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | Chemtech -SO |

Date/Time 10/17/25 16:00

Raw Sample Received by: 80 wwc

Raw Sample Relinquished by: CP (CSM)

Date/Time 10/17/25

Raw Sample Received by: CP (CSM)

Raw Sample Relinquished by: 80 wwc

# WORKLIST(Hardcopy Internal Chain)

137576

WorkList Name : %1-101725

WorkList ID : 192523

Department : Wet-Chemistry

Date : 10-17-2025 10:20:50

| Sample   | Customer Sample           | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|---------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3376-05 | PR132-S12-020047-20251016 | Solid  | Percent Solids | Cool 4 deg C | AEC002   | D31                         | 10/16/2025   | Chemtech -SO |
| Q3381-01 | VNJ-222                   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3381-03 | VNJ-245                   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3381-05 | RBR200059                 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3381-07 | VNJ-255                   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3382-01 | CENTRAL-AVE-TP            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3382-02 | CENTRAL-AVE-TP-EPH-2      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3383-01 | OR-03-101725              | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3383-02 | OR-03-101725-E2           | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3386-01 | 237                       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3386-02 | 237-E2                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3387-01 | BC289050-1-1              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3387-02 | BC289050-1-2              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3387-03 | BC289050-2-1              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3387-04 | BC289050-2-2              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3388-01 | 461                       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3389-01 | KMH472J-1-1               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3389-02 | KMH472J-1-2               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3390-01 | 4175                      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3390-03 | 340                       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |
| Q3390-04 | 340-E2                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | Chemtech -SO |

Date/Time 10/17/25 16:00  
 Raw Sample Received by: JH WWC  
 Raw Sample Relinquished by: CH (SM)

Date/Time 10/17/25 17:13  
 Raw Sample Received by: CH (SM)  
 Raw Sample Relinquished by: JH WWC



# WORKLIST(Hardcopy Internal Chain)

137516

WorkList Name : %1-101725

WorkList ID : 192523

Department : Wet-Chemistry

Date : 10-17-2025 10:20:50

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3391-01 | RCA             | Solid  | Percent Solids | Cool 4 deg C | YANN01   | D31                         | 09/18/2025   | Chemtech -SO |
| Q3392-01 | MH-20           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3392-02 | MH-20-EPH       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3392-03 | MH-20-VOC       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3392-05 | MH-19           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3392-06 | MH-19-EPH       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |
| Q3392-07 | MH-19-VOC       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | Chemtech -SO |

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

10/17/25 16:00  
 50 WWC  
 CFCSM/

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

10/17/25 17:33  
 CFCSM/  
 WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Extraction Start Date : 10/20/2025

Matrix : Solid

Extraction Start Time : 09:32

Weigh By: EH

Extraction By: EH

Extraction End Date : 10/20/2025

Balance check: EH

Filter By: RS

Extraction End Time : 13:00

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 50/100 PPM          | SP6865              |
| Surrogate     | 1.0ML    | 100/150 PPM         | SP6869              |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| MeCl2/Acetone/1:1  | N/A            | EP2641     |
| Baked Na2SO4       | N/A            | EP2652     |
| Methylene Chloride | N/A            | E3980      |
| Sand               | N/A            | E3951      |
| 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        |
| N/A                | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.Q3388-01 &amp; Q3390-01 used Limited volume as samples are oily debries.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 10/20/25    | RS (Ext Lab)                            | JY/SVOC              |
| 13:05       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/20/2025

| Sample ID       | Client Sample ID               | Test                | g/mL  | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments    | Prep<br>Pos |
|-----------------|--------------------------------|---------------------|-------|-----|----------------|------------|--------------------|-------|-------------|-------------|
|                 |                                |                     |       |     | AddedBy        | VerifiedBy |                    |       |             |             |
| PB170165BL      | SBLK165                        | SVOC-TCL BNA<br>-20 | 30.02 | N/A | ritesh         | Evelyn     | 1                  |       |             | U2-1        |
| PB170165BS      | SLCS165                        | SVOC-TCL BNA<br>-20 | 30.03 | N/A | ritesh         | Evelyn     | 1                  |       |             | 2           |
| Q3374-01        | TP-4-WC                        | SVOC-TCL BNA<br>-20 | 50.06 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 3           |
| Q3374-05        | TP-5-WC                        | SVOC-TCL BNA<br>-20 | 50.07 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 4           |
| Q3375-01        | PR132-S02-074099-2025<br>1016  | SVOC-TCL BNA<br>-20 | 30.02 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 5           |
| Q3375-02        | PR132-S04-000013-2025<br>1016  | SVOC-TCL BNA<br>-20 | 30.07 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 6           |
| Q3375-03        | PR132-S05-000057-2025<br>1016  | SVOC-TCL BNA<br>-20 | 30.03 | N/A | ritesh         | Evelyn     | 1                  | E     |             | U3-1        |
| Q3375-04        | PR132-S02-010074-2025<br>1016  | SVOC-TCL BNA<br>-20 | 30.01 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 2           |
| Q3375-05        | PR132-DP02-074099-202<br>51016 | SVOC-TCL BNA<br>-20 | 30.04 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 3           |
| Q3381-01        | VNJ-222                        | SVOC-TCL BNA<br>-20 | 50.03 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 4           |
| Q3381-03        | VNJ-245                        | SVOC-TCL BNA<br>-20 | 50.09 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 5           |
| Q3381-03MS      | VNJ-245MS                      | SVOC-TCL BNA<br>-20 | 50.07 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 6           |
| Q3381-03MS<br>D | VNJ-245MSD                     | SVOC-TCL BNA<br>-20 | 50.02 | N/A | ritesh         | Evelyn     | 1                  | E     |             | U4-1        |
| Q3381-05        | RBR200059                      | SVOC-TCL BNA<br>-20 | 50.07 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 2           |
| Q3381-07        | VNJ-255                        | SVOC-TCL BNA<br>-20 | 50.04 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 3           |
| Q3382-01        | CENTRAL-AVE-TP                 | SVOC-TCL BNA<br>-20 | 50.02 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 4           |
| Q3383-01        | OR-03-101725                   | SVOC-TCL BNA<br>-20 | 50.03 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 5           |
| Q3386-01        | 237                            | SVOC-TCL BNA<br>-20 | 50.08 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 6           |
| Q3388-01        | 461                            | SVOC-TCL BNA<br>-20 | 5.01  | N/A | ritesh         | Evelyn     | 1                  | E     | Oily Debris | U5-1        |
| Q3390-01        | 4175                           | SVOC-TCL BNA<br>-20 | 5.04  | N/A | ritesh         | Evelyn     | 1                  | E     | Oily Debris | 2           |
| Q3390-03        | 340                            | SVOC-TCL BNA<br>-20 | 50.07 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 3           |
| Q3392-01        | MH-20                          | SVOC-TCL BNA<br>-20 | 50.03 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 4           |
| Q3392-05        | MH-19                          | SVOC-TCL BNA<br>-20 | 50.02 | N/A | ritesh         | Evelyn     | 1                  | E     |             | 5           |

\* Extracts relinquished on the same date as received.

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3381B      WorkList ID : 192554      Department : Extraction      Date : 10-20-2025 09:26:21

| Sample   | Customer Sample            | Matrix | Test             | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|----------------------------|--------|------------------|--------------|----------|-----------------------------|--------------|--------|
| Q3374-01 | TP-4-WC                    | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/16/2025   | 8270E  |
| Q3374-05 | TP-5-WC                    | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | 8270E  |
| Q3375-01 | PR132-S02-074099-20251016  | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | 8270E  |
| Q3375-02 | PR132-S04-000013-20251016  | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | 8270E  |
| Q3375-03 | PR132-S05-000057-20251016  | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | 8270E  |
| Q3375-04 | PR132-S02-010074-20251016  | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | 8270E  |
| Q3375-05 | PR132-DP02-074099-20251016 | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | AECO02   | D31                         | 10/16/2025   | 8270E  |
| Q3381-01 | VNJ-222                    | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | 8270E  |
| Q3381-03 | VNJ-245                    | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | 8270E  |
| Q3381-05 | RBR200059                  | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | 8270E  |
| Q3381-07 | VNJ-255                    | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | 8270E  |
| Q3382-01 | CENTRAL-AVE-TP             | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | 8270E  |
| Q3383-01 | OR-03-101725               | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG05   | D41                         | 10/17/2025   | 8270E  |
| Q3386-01 | 237                        | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | 8270E  |
| Q3388-01 | 461                        | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | 8270E  |
| Q3390-01 | 4175                       | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | 8270E  |
| Q3390-03 | 340                        | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D41                         | 10/17/2025   | 8270E  |
| Q3392-01 | MH-20                      | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | 8270E  |
| Q3392-05 | MH-19                      | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 10/17/2025   | 8270E  |

Date/Time 10/20/25 9:30  
Raw Sample Received by: RS (Ext Lab)  
Raw Sample Relinquished by: CP

Date/Time 10/20/25 10:00  
Raw Sample Received by: CP  
Raw Sample Relinquished by: RS (Ext Lab)

## Prep Standard - Chemical Standard Summary

**Order ID :** Q3375

**Test :** SVOC-TCL BNA -20

**Prepbatch ID :** PB170165,

**Sequence ID/Qc Batch ID:** BF102025,bf102125,BG102025,

**Standard ID :**

EP2641,EP2652,SP6856,SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864,SP6865,SP6869,SP6871,SP6872,SP6875,

**Chemical ID :**

10ul/1000ul

sample,E3875,E3932,E3951,E3954,E3965,E3972,E3973,E3980,S11073,S11484,S11652,S11807,S11808,S12197,S12199,S12200,S12201,S12220,S12221,S12245,S12306,S12307,S12507,S12508,S12552,S12553,S12554,S12555,S12556,S12557,S12558,S12559,S12560,S12577,S12739,S12776,S12903,S12904,S12905,S13089,S13090,S13091,S13092,S13093,S13094,S13095,S13096,S13097,S13118,S13119,S13120,S13149,S13160,S13170,S13175,S13178,S13207,S13214,S13233,S13239,S13240,S13241,S13242,S13243,S13244,S13269,

## Extractions STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                    | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 2017             | 1:1 ACETONE/METHYLENE CHLORIDE | <a href="#">EP2641</a> | 09/16/2025       | 03/16/2026             | Evelyn Huang       | None           | None             | Riteshkumar Patel    |
| 09/16/2025       |                                |                        |                  |                        |                    |                |                  |                      |

**FROM** 8000.00000ml of E3972 + 8000.00000ml of E3973 = Final Quantity: 16000.000 ml

| <u>Recipe ID</u> | <u>NAME</u>          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>      | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------|------------------------|------------------|------------------------|--------------------|---------------------|------------------|----------------------|
| 3923             | Baked Sodium Sulfate | <a href="#">EP2652</a> | 10/10/2025       | 01/28/2026             | Evelyn Huang       | Extraction_SC ALE_2 | None             | Riteshkumar Patel    |
| (EX-SC-2)        |                      |                        |                  |                        |                    |                     |                  |                      |

**FROM** 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

[illegible]

| <u>Recipe ID</u> | <u>NAME</u>                                                                               | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>         |
|------------------|-------------------------------------------------------------------------------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|------------------------------|
| 4216             | 80ng ICC                                                                                  | <a href="#">SP6857</a> | 08/12/2025       | 12/16/2025             | Jagrut Upadhyay    | None           | None             | mohammad ahmed<br>08/22/2025 |
| <u>FROM</u>      | 0.01000ml of S13170 + 0.20000ml of E3954 + 0.80000ml of SP6856 = Final Quantity: 1.010 ml |                        |                  |                        |                    |                |                  |                              |

## SVOC STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u> | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4217             | 60ng ICC    | <a href="#">SP6858</a> | 08/12/2025       | 12/16/2025             | Jagrut Upadhyay    | None           | None             | mohammad ahmed       |
|                  |             |                        |                  |                        |                    |                |                  | 08/22/2025           |

**FROM** 0.01000ml of S13170 + 0.40000ml of E3954 + 0.60000ml of SP6856 = Final Quantity: 1.010 ml

| <u>Recipe ID</u> | <u>NAME</u> | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4218             | 50ng ICC    | <a href="#">SP6859</a> | 08/12/2025       | 12/16/2025             | Jagrut Upadhyay    | None           | None             | mohammad ahmed       |
|                  |             |                        |                  |                        |                    |                |                  | 08/22/2025           |

**FROM** 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6856 = Final Quantity: 1.010 ml



## SVOC STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u> | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4219             | 40ng ICC    | <a href="#">SP6860</a> | 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

| <u>Recipe ID</u> | <u>NAME</u> | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4220             | 20ng ICC    | <a href="#">SP6861</a> | 08/12/2025       | 12/16/2025             | Jagrut Upadhyay    | None           | None             | mohammad ahmed       |
|                  |             |                        |                  |                        |                    |                |                  | 08/22/2025           |

**FROM** 0.01000ml of S13170 + 0.80000ml of E3954 + 0.20000ml of SP6856 = Final Quantity: 1.010 ml

## SVOC STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u> | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4221             | 10ng ICC    | <a href="#">SP6862</a> | 08/12/2025       | 12/16/2025             | Jagrut Upadhyay    | None           | None             | mohammad ahmed       |
|                  |             |                        |                  |                        |                    |                |                  | 08/22/2025           |

**FROM** 0.01000ml of S13170 + 0.75000ml of E3954 + 0.25000ml of SP6860 = Final Quantity: 1.010 ml

| <u>Recipe ID</u> | <u>NAME</u> | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4222             | 5ng ICC     | <a href="#">SP6863</a> | 08/12/2025       | 12/16/2025             | Jagrut Upadhyay    | None           | None             | mohammad ahmed       |
|                  |             |                        |                  |                        |                    |                |                  | 08/22/2025           |

**FROM** 0.01000ml of S13170 + 0.87500ml of E3954 + 0.12500ml of SP6860 = Final Quantity: 1.010 ml

## SVOC STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u> | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 4223             | 2.5ng ICC   | <a href="#">SP6864</a> | 08/12/2025       | 12/16/2025             | Jagrut Upadhyay    | None           | None             | mohammad ahmed       |
|                  |             |                        |                  |                        |                    |                |                  | 08/22/2025           |

**FROM** 0.01000ml of S13170 + 0.50000ml of E3954 + 0.50000ml of SP6863 = Final Quantity: 1.010 ml

| <u>Recipe ID</u> | <u>NAME</u>                         | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 171              | 8270/625 Spike Solution, 50/100 PPM | <a href="#">SP6865</a> | 08/25/2025       | 10/30/2025             | Jagrut Upadhyay    | None           | None             | Rahul Chavli         |
|                  |                                     |                        |                  |                        |                    |                |                  | 08/26/2025           |

**FROM** 0.40000ml of S11484 + 0.40000ml of S11652 + 0.40000ml of S12552 + 0.40000ml of S13149 + 0.40000ml of S13160 + 0.40000ml of S13207 + 0.90000ml of S12507 + 0.90000ml of S13089 + 1.10000ml of S13120 + 1.20000ml of S12553 + 1.20000ml of S12554 + 1.20000ml of S12555 + 1.20000ml of S12556 + 1.20000ml of S12557 + 1.20000ml of S12558 + 1.20000ml of S12559 + 1.20000ml of S13269 + 1.30000ml of S11808 + 1.30000ml of S12508 + 1.30000ml of S13090 + 1.30000ml of S13091 + 1.30000ml of S13092 + 1.30000ml of S13093 + 1.30000ml of S13094 + 1.30000ml of S13095 + 1.30000ml of S13096 + 1.30000ml of S13118 + 1.30000ml of S13119 + 1.30000ml of S13239 + 1.30000ml of S13240 + 1.30000ml of S13241 + 1.30000ml of S13242 + 1.30000ml of S13243 + 1.30000ml of S13244 + 163.00000ml of E3932 = Final Quantity: 200.000 ml



| <u>Recipe ID</u>                                                                                                                                                                                                                | <u>NAME</u>                                          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 19                                                                                                                                                                                                                              | 8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID | <a href="#">SP6869</a> | 09/10/2025       | 01/02/2026             | Jagrut Upadhyay    | None           | None             | Rahul Chavli<br>09/16/2025 |
| <b><u>FROM</u></b> 3.00000ml of S12197 + 3.00000ml of S12220 + 5.60000ml of S12221 + 5.60000ml of S12903 + 5.80000ml of S12904 + 6.00000ml of S12199 + 6.00000ml of S12200 + 965.00000ml of E3965 = Final Quantity: 1000.000 ml |                                                      |                        |                  |                        |                    |                |                  |                            |

| <u>Recipe ID</u> | <u>NAME</u>                                                                                                                                                                       | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 18               | Second Source Calibration Stock Standard, 100 PPM,<br>(8270/625/CLP)                                                                                                              | <a href="#">SP6871</a> | 09/22/2025       | 11/16/2025             | Jagrut Upadhyay    | None           | None             | Yogesh Patel<br>09/27/2025 |
| <u>FROM</u>      | 0.04000ml of S12201 + 0.08000ml of S12905 + 0.10000ml of S11073 + 0.20000ml of S12560 + 0.20000ml of S13097 + 0.20000ml of S13244 + 1.18000ml of E3973 = Final Quantity: 2.000 ml |                        |                  |                        |                    |                |                  |                            |

## SVOC STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>           | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 416              | 40 ng BNA ICV, 40 PPM | <a href="#">SP6872</a> | 09/22/2025       | 11/16/2025             | Jagrut Upadhyay    | None           | None             | Yogesh Patel         |
|                  |                       |                        |                  |                        |                    |                |                  | 09/27/2025           |

**FROM** 0.01000ml of S13175 + 0.60000ml of E3973 + 0.40000ml of SP6871 = Final Quantity: 1.010 ml

| <u>Recipe ID</u> | <u>NAME</u>          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3895             | 50 ug/ml DFTPP 8270E | <a href="#">SP6875</a> | 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

## 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 | 01/28/2026      | 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-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 11/05/2025      | 05/05/2025 / RUPESH     | 04/23/2025 / RUPESH         | E3932          |

| Supplier         | ItemCode / ItemName                      | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-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-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027      | 08/22/2025 / RUPESH     | 08/20/2025 / RUPESH         | E3965          |

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 05/24/2027      | 09/16/2025 / Evelyn     | 09/04/2025 / Riteshkumar    | E3972          |

## CHEMICAL RECEIPT LOG BOOK

| 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-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 25C1262005 | 04/16/2026      | 10/10/2025 / RUPESH     | 10/10/2025 / RUPESH         | E3980          |

| 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 | A0187043 | 11/16/2025      | 05/16/2025 / Jagrut     | 02/06/2023 / Christian      | S11073         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3] | A0200549 | 10/30/2025      | 04/30/2025 / Rahul      | 08/10/2023 / yogesh         | S11484         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555872 / Custom Standard, pentachlorophenol Std [CS 5328-5] | A0201728 | 01/30/2026      | 07/30/2025 / Rahul      | 11/09/2023 / Yogesh         | S11652         |

| 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         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride | A0200655 | 02/25/2026      | 08/25/2025 / Jagrut     | 11/21/2023 / rahul          | S11808         |

| 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 | 03/10/2026      | 09/10/2025 / Jagrut     | 03/15/2024 / Rahul          | S12199         |

| 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 | 03/10/2026      | 09/10/2025 / Jagrut     | 03/15/2024 / Rahul          | S12200         |

| 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   | 31086 / Base Neutral Surrogate 5000ug/ml,CH <sub>2</sub> Cl <sub>2</sub> ,5ml | A0206381 | 01/02/2026      | 07/02/2025 / Jagrut     | 03/15/2024 / Rahul          | S12220         |



## 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<br>5000ug/ml,CH <sub>2</sub> Cl <sub>2</sub> ,5ml | A0206381 | 03/10/2026      | 09/10/2025 / Jagrut     | 03/15/2024 / Rahul          | S12221         |

| 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   | 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         |

| 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] | A0214021 | 01/01/2026      | 07/01/2025 / Rahul      | 07/23/2024 / RAHUL          | S12507         |

[CS 4978-1]

| 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] | A0214021 | 02/25/2026      | 08/25/2025 / Jagrut     | 07/23/2024 / RAHUL          | S12508         |

[CS 4978-1]

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 01/01/2026      | 07/01/2025 /<br>Rahul   | 07/23/2024 /<br>RAHUL       | S12552         |

[CS 4978-2]

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 07/23/2024 /<br>RAHUL       | S12553         |

[CS 4978-2]

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 07/23/2024 /<br>RAHUL       | S12554         |

[CS 4978-2]

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 07/23/2024 /<br>RAHUL       | S12555         |

[CS 4978-2]

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 07/23/2024 /<br>RAHUL       | S12556         |

[CS 4978-2]

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 07/23/2024 /<br>RAHUL       | S12557         |

[CS 4978-2]

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 07/23/2024 /<br>RAHUL       | S12558         |

[CS 4978-2]

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 07/23/2024 /<br>RAHUL       | S12559         |

[CS 4978-2]

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0214017 | 03/22/2026      | 09/22/2025 /<br>Jagrut  | 07/23/2024 /<br>RAHUL       | S12560         |

[CS 4978-2]

| Supplier | ItemCode / ItemName                                                                    | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31615 / SV Mixture,<br>GC/MS Tuning Mixture,<br>CH <sub>2</sub> Cl <sub>2</sub> , 1mL, | A0212955 | 06/30/2027      | 03/31/2025 /<br>Rahul   | 08/01/2024 /<br>Rahul       | S12577         |

| Supplier | ItemCode / ItemName                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31900 / SOM01.1 Mega<br>Mix, 500-1000 ug/ml | A0215529 | 02/12/2026      | 08/12/2025 /<br>Jagrut  | 10/08/2024 /<br>anahy       | S12739         |

| Supplier                 | ItemCode / ItemName                                                     | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|-------------------------------------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 90494 /<br>1-Methylnaphthalene, 2000<br>ug/mL, in methylene<br>chloride | 061323 | 02/12/2026      | 08/12/2025 /<br>Jagrut  | 11/08/2024 /<br>anahy       | S12776         |

## 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<br>5000ug/ml,CH <sub>2</sub> Cl <sub>2</sub> ,5ml | A0216785 | 03/10/2026      | 09/10/2025 / Jagrut     | 12/09/2024 / anahy          | S12903         |

| Supplier | ItemCode / ItemName                                                              | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31086 / Base Neutral Surrogate<br>5000ug/ml,CH <sub>2</sub> Cl <sub>2</sub> ,5ml | A0216785 | 03/10/2026      | 09/10/2025 / Jagrut     | 12/09/2024 / anahy          | S12904         |

| Supplier | ItemCode / ItemName                                                              | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31086 / Base Neutral Surrogate<br>5000ug/ml,CH <sub>2</sub> Cl <sub>2</sub> ,5ml | A0216785 | 03/22/2026      | 09/22/2025 / Jagrut     | 12/09/2024 / anahy          | S12905         |

| Supplier | ItemCode / ItemName                                                                                                                          | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31850 / 8270 SV Mix,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 07/01/2025 / Rahul      | 05/20/2025 / Rahul          | S13089         |

| Supplier | ItemCode / ItemName                                                                                                                          | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31850 / 8270 SV Mix,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13090         |

| Supplier | ItemCode / ItemName                                                                                                                          | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31850 / 8270 SV Mix,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13091         |

## 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,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13092         |

| Supplier | ItemCode / ItemName                                                                                                                          | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31850 / 8270 SV Mix,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13093         |

| Supplier | ItemCode / ItemName                                                                                                                          | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31850 / 8270 SV Mix,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13094         |

| Supplier | ItemCode / ItemName                                                                                                                          | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31850 / 8270 SV Mix,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13095         |

| Supplier | ItemCode / ItemName                                                                                                                          | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31850 / 8270 SV Mix,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13096         |

| Supplier | ItemCode / ItemName                                                                                                                          | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 31850 / 8270 SV Mix,<br>8270 Mega Mix 1mL,<br>1000ug/mL, CH <sub>2</sub> Cl <sub>2</sub> [New Solvent 100% CH <sub>2</sub> Cl <sub>2</sub> ] | A0221014 | 11/30/2025      | 09/03/2025 / Jagrut     | 05/20/2025 / Rahul          | S13097         |

## 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 | A0218894 | 02/25/2026      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13118         |

| 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 | 02/25/2026      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13119         |

| 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 | 02/25/2026      | 08/25/2025 / Jagrut     | 05/20/2025 / Rahul          | S13120         |

| 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, CH <sub>2</sub> Cl <sub>2</sub> , 1mL | A0224359 | 02/11/2026      | 08/11/2025 / Rahul      | 06/02/2025 / anahy          | S13170         |

## CHEMICAL RECEIPT LOG BOOK

| 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, CH <sub>2</sub> Cl <sub>2</sub> , 1mL | A0224359 | 03/15/2026      | 09/15/2025 / rahul      | 06/02/2025 / anahy          | S13175         |

| 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, CH <sub>2</sub> Cl <sub>2</sub> , 1mL | A0224359 | 04/10/2026      | 10/10/2025 / Jagrut     | 06/02/2025 / anahy          | S13178         |

| 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   | 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          | S13239         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName                                                                                            | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555223 / Custom 8270<br>Plus Std #1 [2nd lot at \$100<br>per ampul if requested -<br>contact ARM with Request] | A0228451 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 08/06/2025 /<br>Rahul       | S13240         |

[CS 4978-1]

| Supplier | ItemCode / ItemName                                                                                            | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555223 / Custom 8270<br>Plus Std #1 [2nd lot at \$100<br>per ampul if requested -<br>contact ARM with Request] | A0228451 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 08/06/2025 /<br>Rahul       | S13241         |

[CS 4978-1]

| Supplier | ItemCode / ItemName                                                                                            | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555223 / Custom 8270<br>Plus Std #1 [2nd lot at \$100<br>per ampul if requested -<br>contact ARM with Request] | A0228451 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 08/06/2025 /<br>Rahul       | S13242         |

[CS 4978-1]

| Supplier | ItemCode / ItemName                                                                                            | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555223 / Custom 8270<br>Plus Std #1 [2nd lot at \$100<br>per ampul if requested -<br>contact ARM with Request] | A0228451 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 08/06/2025 /<br>Rahul       | S13243         |

[CS 4978-1]

| Supplier | ItemCode / ItemName                                                                                            | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555223 / Custom 8270<br>Plus Std #1 [2nd lot at \$100<br>per ampul if requested -<br>contact ARM with Request] | A0228451 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 08/06/2025 /<br>Rahul       | S13244         |

[CS 4978-1]

| Supplier | ItemCode / ItemName                                                                                           | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|---------------------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 555224 / Custom 8270<br>Plus Std #2 [2nd lot at \$85<br>per ampul if requested -<br>contact ARM with Request] | A0228494 | 02/25/2026      | 08/25/2025 /<br>Jagrut  | 08/06/2025 /<br>Rahul       | S13269         |

[CS 4978-2]





# CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

## Certificate of Analysis



### 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.*

Received on  
02/08/23

b1

CG

S 11071

to

S 11075

Catalog No. : 31853

Lot No.: A0187043

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2027

Storage: 0°C or colder

Ship: Ambient

### CERTIFIED VALUES

| Elution Order | Compound                                                      | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2)                                                        |
|---------------|---------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------|
| 1             | 1,4-Dioxane<br>CAS # 123-91-1<br>Purity 99%<br>(Lot SHBN5929) | 2,019.0 µg/mL               | +/- 11.8486 µg/mL Gravimetric<br>+/- 43.2570 µg/mL Unstressed<br>+/- 44.5129 µg/mL Stressed |

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

**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:**

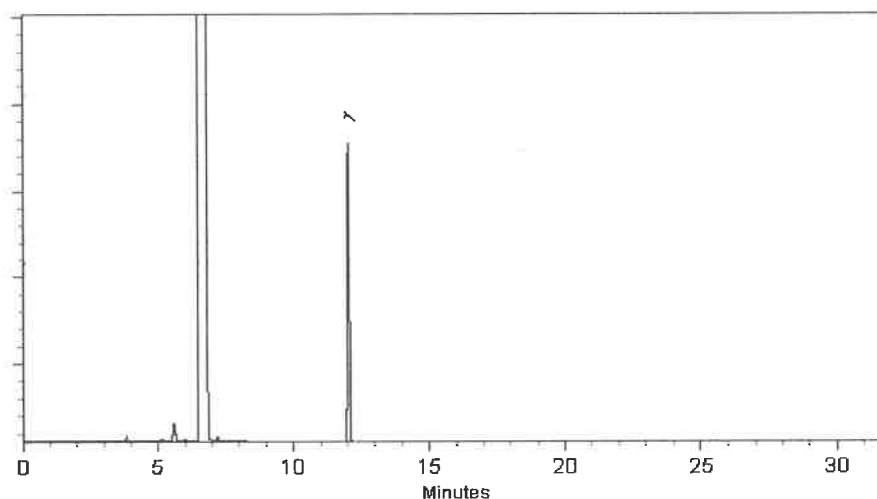
200°C

**Det. Temp:**

250°C

**Det. Type:**

FID



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.

Brittany Federinko - Operations Tech I

Date Mixed: 07-Jul-2022

Balance: 1128360905

Marlina Cowan - Operations Tech II ARM QC

Date Passed: 12-Jul-2022

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

 **avantors**™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (μeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) 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

*Rec on 8/20/25*

**E3965**

*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

Avantor Performance Materials LLC



**PRODUCTOS  
QUÍMICOS  
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR  
MONTERREY, N.L. MÉXICO  
CP 64070  
TEL +52 81 13 52 67 67  
www.pqm.com.mx

# CERTIFICATE OF ANALYSIS

|                       |                                   |               |                                 |
|-----------------------|-----------------------------------|---------------|---------------------------------|
| PRODUCT :             | SODIUM SULFATE CRYSTALS ANHYDROUS |               |                                 |
| QUALITY :             | ACS (CODE RMB3375)                | FORMULA :     | Na <sub>2</sub> SO <sub>4</sub> |
| SPECIFICATION NUMBER: | 6399                              | RELEASE DATE: | MAY/23/2024                     |
| LOT NUMBER :          | 417203                            |               |                                 |

| TEST                                     | SPECIFICATIONS | LOT VALUES  |
|------------------------------------------|----------------|-------------|
| Assay (Na <sub>2</sub> SO <sub>4</sub> ) | 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 <sub>4</sub> )             | 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 foreign 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.

RE-02-01, Ed. 3

E 3875

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

 **avantor™**



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (µeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (µeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

RS

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932



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



|                      |                                |
|----------------------|--------------------------------|
| 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    | SiO <sub>2</sub>               |
| 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 1/12/25.*

**E3951**

Internal ID #: 793

| Signature                                                                                                                                                                                                                                                                                                   | Additional Information                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>We certify that this batch conforms to the specifications listed above.</p> <p>This document has been electronically produced and is valid without a signature.</p> <p>Leona Edwardson, Quality Control Sr. Manager - Solon<br/> VWR Chemicals, LLC.<br/> 28600 Fountain Parkway, Solon OH 44139 USA</p> | <p>Analysis may have been rounded to significant digits in specification limits</p> <p>Product meets analytical specifications of the grades listed.</p> |

Methylene Chloride  
ULTRA RESI-ANALYZED  
For Organic Residue Analysis  
(dichloromethane)



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)                       | $\leq 5$               | <1      |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)                        | $\leq 10$              | 2       |
| Assay ( $\text{CH}_2\text{Cl}_2$ ) (by GC, exclusive of preservative, corrected for water) | $\geq 99.8 \%$         | 99.9 %  |
| Color (APHA)                                                                               | $\leq 10$              | 5       |
| Residue after Evaporation                                                                  | $\leq 1.0 \text{ ppm}$ | 0.3 ppm |
| Titration Acid ( $\mu\text{eq/g}$ )                                                        | $\leq 0.3$             | <0.1    |
| Chloride (Cl)                                                                              | $\leq 10 \text{ ppm}$  | <5 ppm  |
| Water (by KF, coulometric)                                                                 | $\leq 0.02 \%$         | <0.01 % |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States  
Packaging Site: Phillipsburg Mfg Ctr & DC

RS  
7/14/25

E3954

Jamie Croak  
Director Quality Operations, Bioscience Production

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (µeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (µeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) 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

E3972

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



Methylene Chloride  
ULTRA RESI-ANALYZED  
For Organic Residue Analysis  
(dichloromethane)



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)                       | $\leq 5$               | 1                 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)                        | $\leq 10$              | 1                 |
| Assay ( $\text{CH}_2\text{Cl}_2$ ) (by GC, exclusive of preservative, corrected for water) | $\geq 99.8 \%$         | 100.0 %           |
| Color (APHA)                                                                               | $\leq 10$              | 5                 |
| Residue after Evaporation                                                                  | $\leq 1.0 \text{ ppm}$ | 0.1 ppm           |
| Titration Acid ( $\mu\text{eq/g}$ )                                                        | $\leq 0.3$             | $< 0.1$           |
| Chloride (Cl)                                                                              | $\leq 10 \text{ ppm}$  | $< 5 \text{ ppm}$ |
| Water (by KF, coulometric)                                                                 | $\leq 0.02 \%$         | $< 0.01 \%$       |

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 10/10/25  
RJ

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



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



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555870 **Lot No.:** A0200549

**Description :** Custom 2,4-Dinitrophenol Standard  
Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

51148h  
↓  
511493  
Y.P.  
08/10/28

### 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 Suckal - 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/ $\mu$ ECD, 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:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  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.



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



### 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:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### 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:**

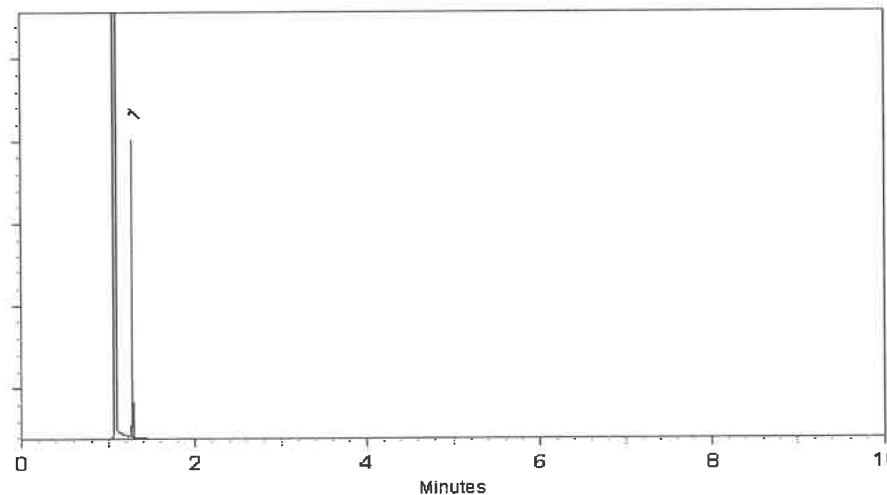
FID

**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:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  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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### 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

512187 } RC/  
↓ } 03/18/24  
512206 }

### 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:**

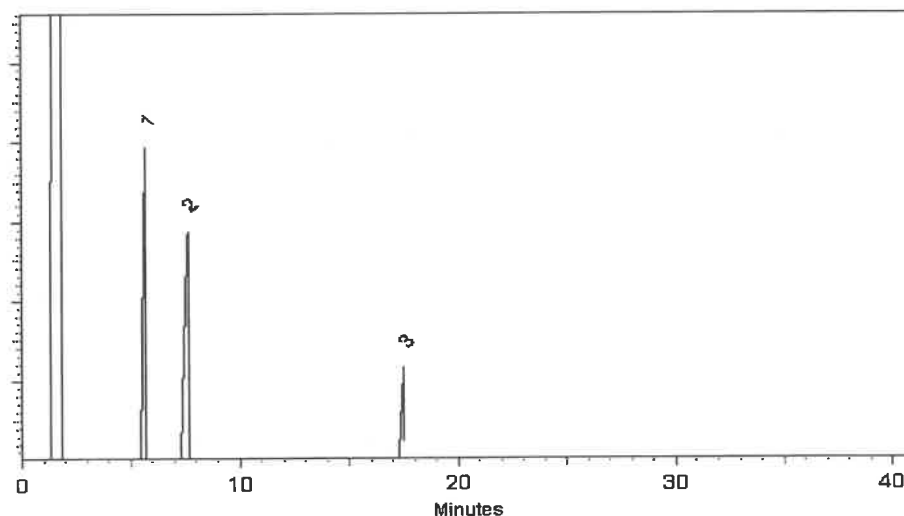
FID

**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 S. Riglin*

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

*Christie Mills*

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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### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31086 **Lot No.:** A0206381  
**Description :** B/N Surrogate Mix (4/89 SOW)  
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul  
**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 } RC/  
↓  
S12221 } 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-S (cat.#10223)

**Carrier Gas:**

hydrogen-constant pressure 10 psi.

**Temp. Program:**

40°C (hold 2 min.) to 330°C  
@ 10°C/min. (hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

330°C

**Det. Type:**

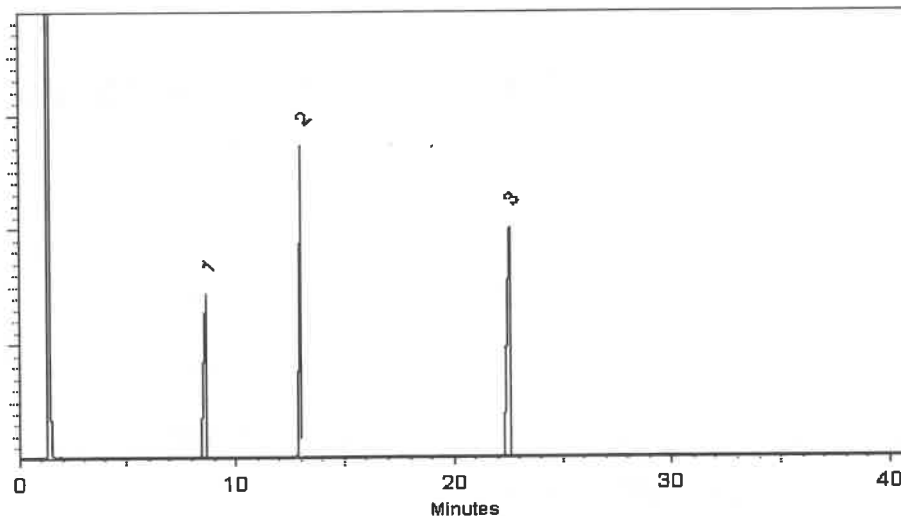
FID

**Split Vent:**

2 ml/min.

**Inj. Vol**

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015  
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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

512242 } RC/  
↓  
512254 } 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:**

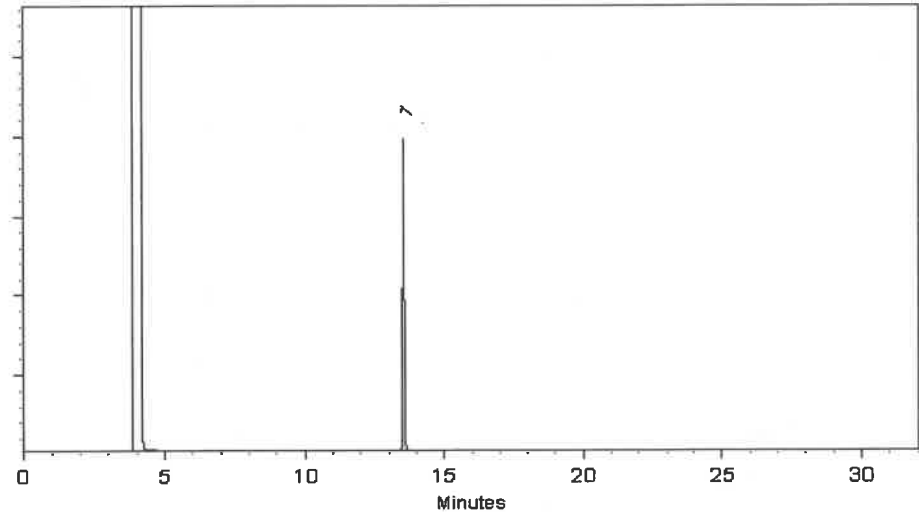
FID

**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*  
Sam Moodler - Operations Tech I

Date Mixed: 16-Jan-2024

Balance Serial # B707717271

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

Manufactured under Restek's ISO 9001:2015  
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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. :** 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

512302 } RC/  
↓  
512311 } 5/30/24

### 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:**

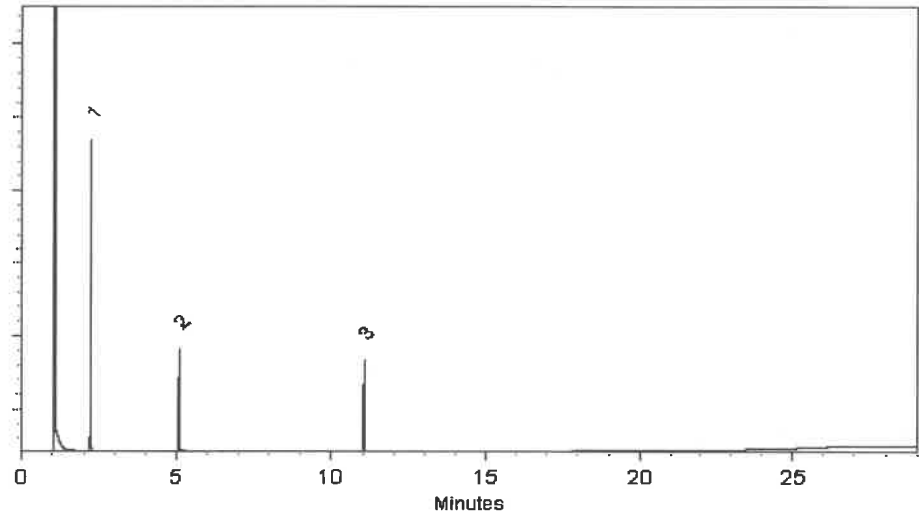
FID

**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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### 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. :** 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

512302 } RC/  
↓  
512311 } 5/30/24

### 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:**

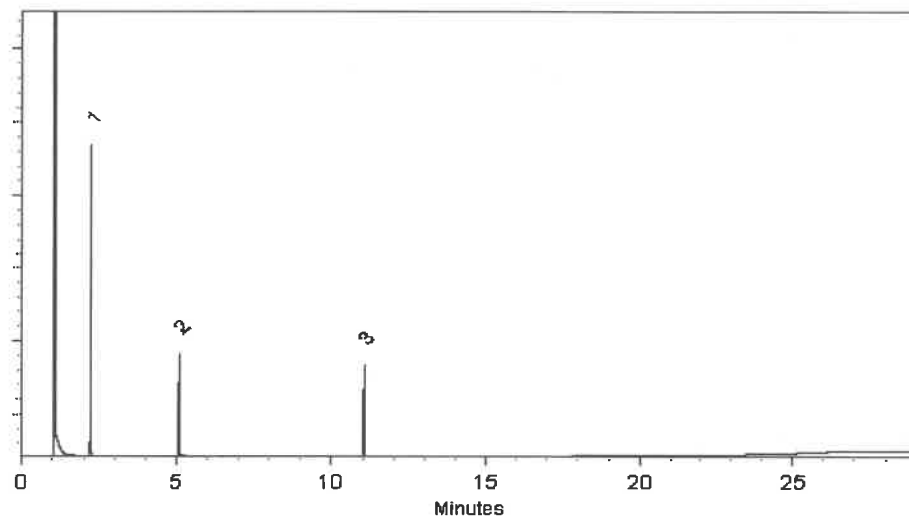
FID

**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

gravimetric



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 555223 **Lot No.:** A0214021

**Description :** Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Handling:** This product is photosensitive. **Ship:** Ambient

### CERTIFIED VALUES

| Component # | Compound               | CAS #     | Lot #      | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|-------------|------------------------|-----------|------------|--------|-----------------------------|----------------------------------------|
| 1           | 3,3'-Dichlorobenzidine | 91-94-1   | S240326RSR | 99%    | 1,004.0 µg/mL               | +/- 23.0487                            |
| 2           | Atrazine               | 1912-24-9 | 5FYWL      | 99%    | 1,005.0 µg/mL               | +/- 23.0717                            |
| 3           | Benzidine              | 92-87-5   | S240430RSR | 99%    | 1,006.0 µg/mL               | +/- 23.0947                            |
| 4           | epsilon-Caprolactam    | 105-60-2  | Y16H012    | 99%    | 1,000.0 µg/mL               | +/- 22.9569                            |

**Solvent:** Methylene chloride  
**CAS #** 75-09-2  
**Purity** 99%

S12449 } RC/  
↓ 7/24/24  
S12508 }

Rebecca Gingerich - Operations Tech II

**Date Mixed:** 18-Jul-2024

**Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ $\mu$ ECD, 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:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  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



### 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 } RC/  
↓  
S12568 } 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:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  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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Bellefonte, PA 16823-8812  
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Fax: 1-814-353-1309

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31615 **Lot No.:** A0212955

**Description :** GC/MS Tuning Mixture  
GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2027 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin. **Ship:** Ambient

### CERTIFIED VALUES

| Elution Order | Compound                             | CAS #     | Lot #       | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------------------------------|-----------|-------------|--------|-----------------------------|----------------------------------------|
| 1             | Pentachlorophenol                    | 87-86-5   | RP240517RSR | 99%    | 1,004.5 µg/mL               | +/- 44.8902                            |
| 2             | DFTPP (Decafluorotriphenylphosphine) | 5074-71-5 | Q117-147    | 99%    | 1,004.5 µg/mL               | +/- 44.8902                            |
| 3             | Benzidine                            | 92-87-5   | S240430RSR  | 99%    | 1,006.0 µg/mL               | +/- 44.9572                            |
| 4             | 4,4'-DDT                             | 50-29-3   | S240530RSR  | 97%    | 1,000.1 µg/mL               | +/- 44.6922                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride  
**CAS #** 75-09-2  
**Purity** 99%

S12577 } RC  
↓  
S12579 } 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:**

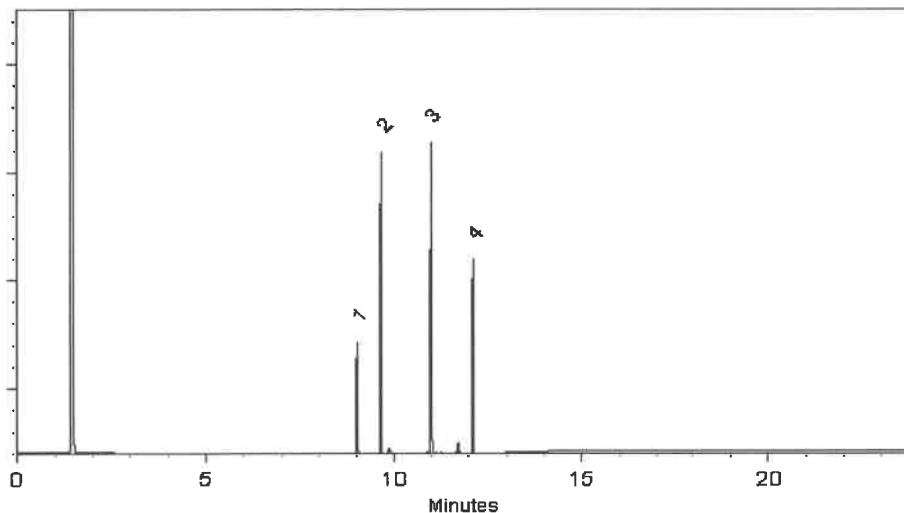
FID

**Split Vent:**

10 ml/min.

**Inj. Vol**

1µl

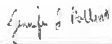


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
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





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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 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

**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

S12736 } AC  
↓  
S12754 } 10/9/24

### 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.



## CERTIFIED WEIGHT REPORT

Part Number: **90494**  
Lot Number: **061323**  
Description: **1-Methylnaphthalene**

Solvent(s): **Lot#**  
Methylene chloride **C21F09CAS0000DCM**

Expiration Date: **061328**  
Recommended Storage: **Refrigerate (4 °C)**  
Nominal Concentration (µg/mL): **2000**  
NIST Test ID#: **6UTB**

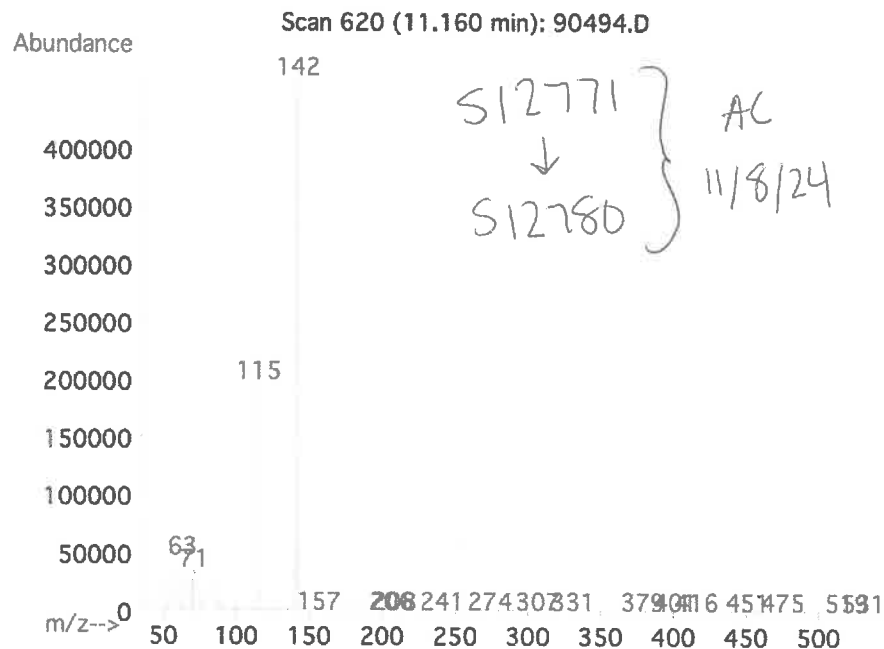
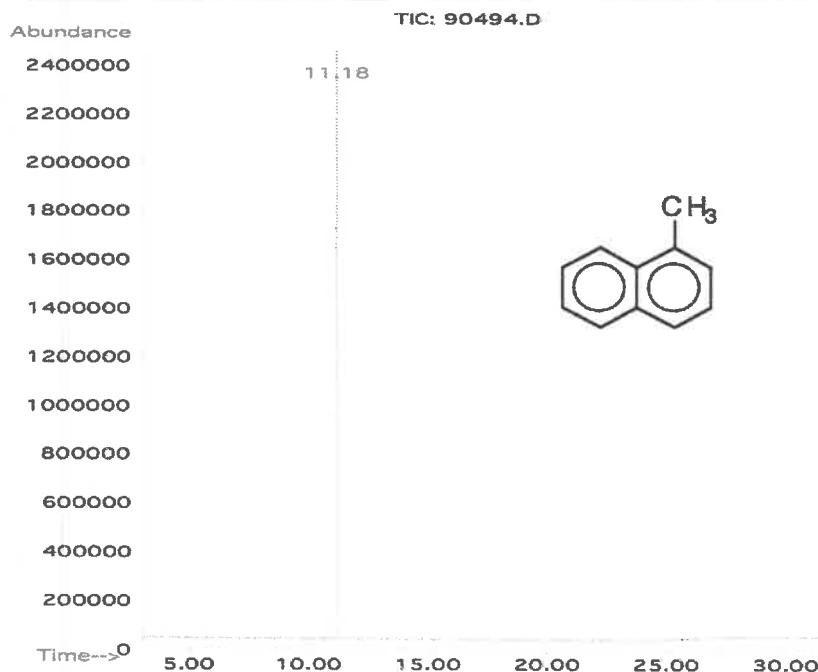
Weight(s) shown below were combined and diluted to (mL): **100.0**

5E-05 Balance Uncertainty  
0.031 Flask Uncertainty

|                         |                  |        |
|-------------------------|------------------|--------|
| <i>Prashant Chauhan</i> |                  | 061323 |
| Formulated By:          | Prashant Chauhan | DATE   |
| <i>Pedro L. Rentas</i>  |                  | 061323 |
| Reviewed By:            | Pedro L. Rentas  | 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            | ori-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.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



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## CERTIFIED REFERENCE MATERIAL

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chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

Catalog No. : 31850

Lot No.: A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : November 30, 2025

Storage: 0°C or colder

Handling: Sonication required. Mix is photosensitive.

Ship: Ambient

513088 }  
↓  
513117 } 24  
5/20/25.

### CERTIFIED VALUES

| Elution Order | Compound                     | CAS #    | Lot #       | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|----------|-------------|--------|-----------------------------|----------------------------------------|
| 1             | Pyridine                     | 110-86-1 | SHBR4811    | 99%    | 1,005.2 µg/mL               | +/- 36.5730                            |
| 2             | N-Nitrosodimethylamine       | 62-75-9  | S241226RSR  | 99%    | 1,005.5 µg/mL               | +/- 36.5848                            |
| 3             | Phenol                       | 108-95-2 | MKCK1120    | 99%    | 1,005.3 µg/mL               | +/- 36.5780                            |
| 4             | Aniline                      | 62-53-3  | X22F726     | 99%    | 1,005.4 µg/mL               | +/- 36.5816                            |
| 5             | Bis(2-chloroethyl)ether      | 111-44-4 | 002891T24M  | 99%    | 1,004.7 µg/mL               | +/- 36.5562                            |
| 6             | 2-Chlorophenol               | 95-57-8  | STBJ3909    | 99%    | 1,005.3 µg/mL               | +/- 36.5766                            |
| 7             | 1,3-Dichlorobenzene          | 541-73-1 | BCCD5315    | 99%    | 1,004.6 µg/mL               | +/- 36.5530                            |
| 8             | 1,4-Dichlorobenzene          | 106-46-7 | MKBS7929V   | 99%    | 1,006.3 µg/mL               | +/- 36.6125                            |
| 9             | Benzyl alcohol               | 100-51-6 | SHBK5469    | 99%    | 1,005.5 µg/mL               | +/- 36.5853                            |
| 10            | 1,2-Dichlorobenzene          | 95-50-1  | SHBL6287    | 99%    | 1,004.6 µg/mL               | +/- 36.5507                            |
| 11            | 2-Methylphenol (o-cresol)    | 95-48-7  | SHBN7598    | 99%    | 1,004.8 µg/mL               | +/- 36.5575                            |
| 12            | 2,2'-oxybis(1-chloropropane) | 108-60-1 | 29-MAR-45-5 | 99%    | 1,005.4 µg/mL               | +/- 36.5803                            |
| 13            | 3-Methylphenol (m-cresol)    | 108-39-4 | STBL3873    | 99%    | 502.7 µg/mL                 | +/- 18.2888                            |
| 14            | 4-Methylphenol (p-cresol)    | 106-44-5 | SHBN3411    | 99%    | 502.6 µg/mL                 | +/- 18.2869                            |
| 15            | N-Nitroso-di-n-propylamine   | 621-64-7 | N63MG       | 99%    | 1,004.6 µg/mL               | +/- 36.5502                            |
| 16            | Hexachloroethane             | 67-72-1  | DAXRI       | 99%    | 1,004.6 µg/mL               | +/- 36.5530                            |
| 17            | Nitrobenzene                 | 98-95-3  | 10224044    | 99%    | 1,005.3 µg/mL               | +/- 36.5780                            |

|    |                                               |           |                  |     |         |       |             |
|----|-----------------------------------------------|-----------|------------------|-----|---------|-------|-------------|
| 18 | Isophorone                                    | 78-59-1   | MKCR3249         | 99% | 1,004.6 | µg/mL | +/- 36.5511 |
| 19 | 2-Nitrophenol                                 | 88-75-5   | RP230710         | 99% | 1,005.7 | µg/mL | +/- 36.5916 |
| 20 | 2,4-Dimethylphenol                            | 105-67-9  | DIRAF            | 99% | 1,004.9 | µg/mL | +/- 36.5612 |
| 21 | Bis(2-chloroethoxy)methane                    | 111-91-1  | 15705100         | 99% | 1,004.3 | µg/mL | +/- 36.5402 |
| 22 | 2,4-Dichlorophenol                            | 120-83-2  | BCCK6969         | 99% | 1,004.7 | µg/mL | +/- 36.5571 |
| 23 | 1,2,4-Trichlorobenzene                        | 120-82-1  | SHBP5900         | 99% | 1,004.6 | µg/mL | +/- 36.5516 |
| 24 | Naphthalene                                   | 91-20-3   | STBL1057         | 99% | 1,006.8 | µg/mL | +/- 36.6335 |
| 25 | 4-Chloroaniline                               | 106-47-8  | BCCJ3217         | 99% | 1,005.9 | µg/mL | +/- 36.5980 |
| 26 | Hexachlorobutadiene                           | 87-68-3   | X05J             | 98% | 1,004.1 | µg/mL | +/- 36.5328 |
| 27 | 4-Chloro-3-methylphenol                       | 59-50-7   | BCCD4461         | 99% | 1,005.4 | µg/mL | +/- 36.5793 |
| 28 | 2-Methylnaphthalene                           | 91-57-6   | STBL3028         | 99% | 1,006.3 | µg/mL | +/- 36.6144 |
| 29 | 1-Methylnaphthalene                           | 90-12-0   | 5234.00-8        | 98% | 990.2   | µg/mL | +/- 36.0269 |
| 30 | Hexachlorocyclopentadiene                     | 77-47-4   | 099063P13G       | 99% | 1,005.9 | µg/mL | +/- 36.5975 |
| 31 | 2,4,6-Trichlorophenol                         | 88-06-2   | STBK8870         | 99% | 1,004.7 | µg/mL | +/- 36.5566 |
| 32 | 2,4,5-Trichlorophenol                         | 95-95-4   | 3YFRE            | 97% | 1,004.7 | µg/mL | +/- 36.5571 |
| 33 | 2-Chloronaphthalene                           | 91-58-7   | RPN7O            | 99% | 1,005.3 | µg/mL | +/- 36.5757 |
| 34 | 2-Nitroaniline                                | 88-74-4   | RP240715RSR      | 99% | 1,004.8 | µg/mL | +/- 36.5584 |
| 35 | 1,4-Dinitrobenzene                            | 100-25-4  | RP240703RSR      | 99% | 1,004.5 | µg/mL | +/- 36.5475 |
| 36 | Acenaphthylene                                | 208-96-8  | 214935V18H       | 95% | 1,000.1 | µg/mL | +/- 36.3888 |
| 37 | 1,3-Dinitrobenzene                            | 99-65-0   | TRC3-1075941-2-1 | 99% | 1,004.9 | µg/mL | +/- 36.5616 |
| 38 | Dimethylphthalate                             | 131-11-3  | 358221L17K       | 99% | 1,004.5 | µg/mL | +/- 36.5489 |
| 39 | 2,6-Dinitrotoluene                            | 606-20-2  | BCCG1833         | 99% | 1,005.2 | µg/mL | +/- 36.5734 |
| 40 | 1,2-Dinitrobenzene                            | 528-29-0  | RP240701RSR      | 99% | 1,005.9 | µg/mL | +/- 36.6003 |
| 41 | Acenaphthene                                  | 83-32-9   | MKCR7169         | 99% | 1,000.0 | µg/mL | +/- 36.3847 |
| 42 | 3-Nitroaniline                                | 99-09-2   | RP240708RSR      | 99% | 1,004.6 | µg/mL | +/- 36.5525 |
| 43 | 2,4-Dinitrophenol                             | 51-28-5   | D240927RSR       | 99% | 1,005.0 | µg/mL | +/- 36.5657 |
| 44 | Dibenzofuran                                  | 132-64-9  | MKCN1772         | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 45 | 2,4-Dinitrotoluene                            | 121-14-2  | 102869V26E       | 99% | 1,005.4 | µg/mL | +/- 36.5803 |
| 46 | 4-Nitrophenol                                 | 100-02-7  | 20241120-1-AN    | 99% | 1,005.7 | µg/mL | +/- 36.5930 |
| 47 | 2,3,4,6-Tetrachlorophenol                     | 58-90-2   | PR-34476         | 99% | 1,004.9 | µg/mL | +/- 36.5616 |
| 48 | 2,3,5,6-Tetrachlorophenol                     | 935-95-5  | RP240523RSR      | 99% | 1,005.2 | µg/mL | +/- 36.5739 |
| 49 | Fluorene                                      | 86-73-7   | 10246250         | 98% | 1,005.8 | µg/mL | +/- 36.5948 |
| 50 | 4-Chlorophenyl phenyl ether                   | 7005-72-3 | 002531K02D       | 99% | 1,004.8 | µg/mL | +/- 36.5584 |
| 51 | Diethylphthalate                              | 84-66-2   | STBL3611         | 99% | 1,005.3 | µg/mL | +/- 36.5762 |
| 52 | 4-Nitroaniline                                | 100-01-6  | RP240830RSR      | 99% | 1,005.5 | µg/mL | +/- 36.5844 |
| 53 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | 534-52-1  | S241008RSR       | 99% | 1,004.8 | µg/mL | +/- 36.5589 |

|    |                            |          |               |     |         |       |             |
|----|----------------------------|----------|---------------|-----|---------|-------|-------------|
| 54 | Diphenylamine              | 122-39-4 | MKCT1512      | 99% | 1,005.2 | µg/mL | +/- 36.5725 |
| 55 | Azobenzene                 | 103-33-3 | BCCL3292      | 99% | 1,004.7 | µg/mL | +/- 36.5566 |
| 56 | 4-Bromophenyl phenyl ether | 101-55-3 | STBH6361      | 99% | 1,005.6 | µg/mL | +/- 36.5875 |
| 57 | Hexachlorobenzene          | 118-74-1 | 15828800      | 99% | 1,005.3 | µg/mL | +/- 36.5789 |
| 58 | Pentachlorophenol          | 87-86-5  | RP240517RSR   | 99% | 1,005.4 | µg/mL | +/- 36.5825 |
| 59 | Phenanthrene               | 85-01-8  | MKCT3391      | 99% | 1,004.8 | µg/mL | +/- 36.5584 |
| 60 | Anthracene                 | 120-12-7 | MKCW9141      | 99% | 1,005.5 | µg/mL | +/- 36.5834 |
| 61 | Carbazole                  | 86-74-8  | 15630800      | 99% | 1,005.3 | µg/mL | +/- 36.5789 |
| 62 | Di-n-butylphthalate        | 84-74-2  | MKCN4337      | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 63 | Fluoranthene               | 206-44-0 | A0458721      | 99% | 1,005.4 | µg/mL | +/- <0.0001 |
| 64 | Pyrene                     | 129-00-0 | BCCL8032      | 99% | 1,005.2 | µg/mL | +/- 36.5734 |
| 65 | Benzyl butyl phthalate     | 85-68-7  | X12I018       | 99% | 1,004.8 | µg/mL | +/- 36.5584 |
| 66 | Bis(2-ethylhexyl)adipate   | 103-23-1 | MKCR8567      | 99% | 1,004.5 | µg/mL | +/- 36.5480 |
| 67 | Benz(a)anthracene          | 56-55-3  | I60012022BAA  | 99% | 1,005.5 | µg/mL | +/- 36.5844 |
| 68 | Chrysene                   | 218-01-9 | RP241212RSR   | 99% | 1,005.5 | µg/mL | +/- 36.5848 |
| 69 | Bis(2-ethylhexyl)phthalate | 117-81-7 | MKCS8065      | 99% | 1,004.7 | µg/mL | +/- 36.5548 |
| 70 | Di-n-octyl phthalate       | 117-84-0 | 15817300      | 99% | 1,004.8 | µg/mL | +/- 36.5607 |
| 71 | Benzo(b)fluoranthene       | 205-99-2 | 022013B       | 99% | 1,005.1 | µg/mL | +/- 36.5716 |
| 72 | Benzo(k)fluoranthene       | 207-08-9 | 012022K       | 98% | 1,004.6 | µg/mL | +/- 36.5511 |
| 73 | Benzo(a)pyrene             | 50-32-8  | NQLXA         | 98% | 1,004.2 | µg/mL | +/- 36.5377 |
| 74 | Indeno(1,2,3-cd)pyrene     | 193-39-5 | 12-JKL-118-9  | 97% | 1,004.1 | µg/mL | +/- 36.5337 |
| 75 | Dibenz(a,h)anthracene      | 53-70-3  | 712061504-1-1 | 99% | 1,005.7 | µg/mL | +/- 36.5930 |
| 76 | Benzo(g,h,i)perylene       | 191-24-2 | RP241014RSR   | 98% | 1,005.4 | µg/mL | +/- 36.5814 |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride  
**CAS #** 75-09-2  
**Purity** 99%

#### Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

## Quality Confirmation Test

**Column:**

30m x 0.25mm x 0.25µm  
Rtx-5 (cat.#10223)

**Carrier Gas:**

hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**

80°C (hold 0.1 min.) to 330°C  
@ 9.6°C/min. (hold 2.86 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

340°C

**Det. Type:**

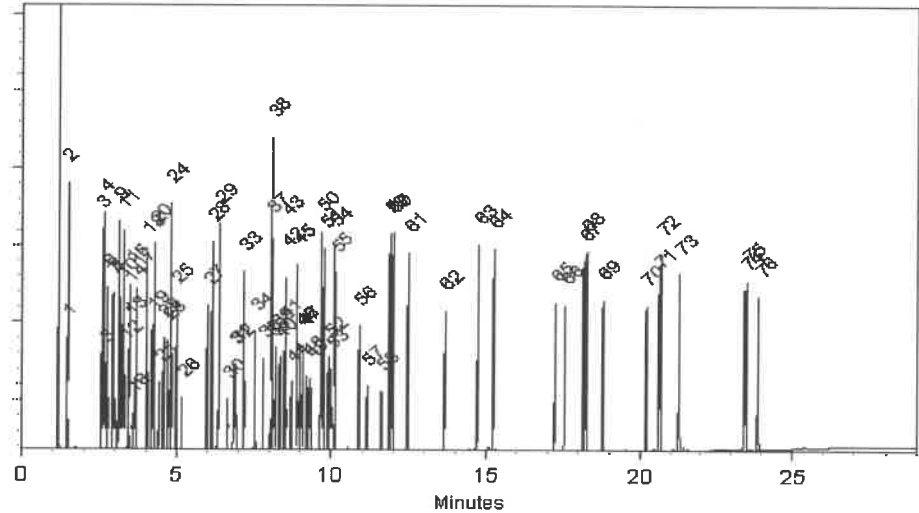
FID

**Split Vent:**

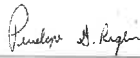
100 ml/min.

**Inj. Vol**

1µl

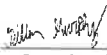


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905

  
Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015  
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Certificate #FM 80397





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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 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 } RC/  
↓  
513147 } 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:**

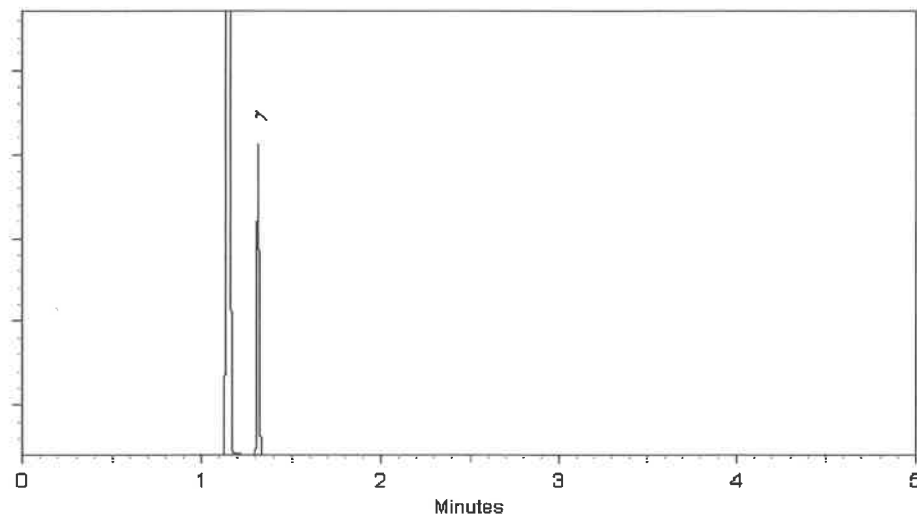
FID

**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

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# Certificate of Analysis

gravimetric



### 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

513158 } RC/  
↓  
513167 } 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  
By: [Signature] Murphy at 11:21 am, Jan 05, 2025

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Registered Quality System  
Certificate #FM 80397



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chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31206 **Lot No.:** A0224359

**Description :** SV Internal Standard Mix 2mg/ml  
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** March 31, 2031 **Storage:** 10°C or colder

**Handling:** Sonication required. Mix is photosensitive. **Ship:** Ambient

S13168  
↓  
S13197 } AC  
6/9/25

### 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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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

gravimetric



## 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. :** 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

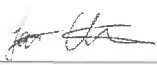
**Handling:** Contains carcinogen/reproductive toxin. **Ship:** Ambient

S13198  
↓  
S13207 } AC  
6/11/25

## 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

chromatographic plus



**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 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 } AC  
↓  
S13218 } 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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*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

**Container Size :** 2 mL

**Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2028

**Storage:** 0°C or colder

**Ship:** Ambient

513229 } RC/  
↓  
513238 } 8/1/25

#### 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:**

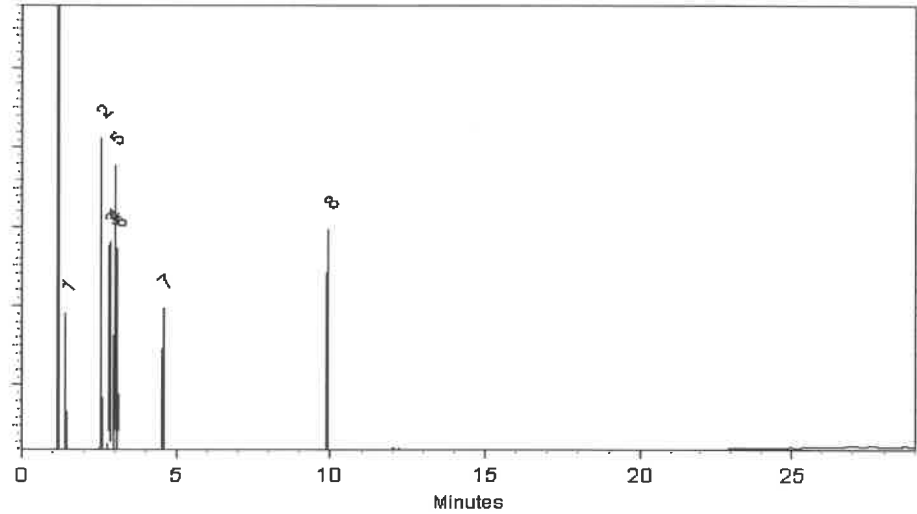
FID

**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*  
**Wilner Torres - Operation Tech I**

**Date Mixed:** 27-Jul-2025

**Balance Serial #** B345965662

*Jennifer Pollino*  
**Jennifer Pollino - Operations Tech III - ARM QC**

**Date Passed:** 30-Jul-2025

**REVIEWED**  
By: *Wilner Torres* at 10:00 am, Jul 30, 2025

**Manufactured under Restek's ISO 9001:2015  
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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. :** 555223 **Lot No.:** A0228451

**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

S13239 } RC/  
↓  
S13268 } 08/06/25

## 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 Sucka - Mix Technician

**Date Mixed:** 01-Aug-2025

**Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

gravimetric



### 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.: A0228494

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 : August 31, 2027

Storage: 10°C or colder

Ship: Ambient

513269 } RC1  
↓  
513298 } 08/06/25

### 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%    | 1,002.0 µg/mL               | +/- 29.453715                          |
| 2           | Acetophenone               | 98-86-2  | STBH8205    | 99%    | 1,001.0 µg/mL               | +/- 29.424320                          |
| 3           | Benzaldehyde               | 100-52-7 | RD250319RSR | 99%    | 1,003.0 µg/mL               | +/- 29.483110                          |
| 4           | Benzoic acid               | 65-85-0  | MKCX1578    | 99%    | 1,001.0 µg/mL               | +/- 29.424320                          |
| 5           | Biphenyl                   | 92-52-4  | MKCS5928    | 99%    | 1,002.0 µg/mL               | +/- 29.453715                          |

Solvent: Methylene chloride  
CAS # 75-09-2  
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 04-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



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



## 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

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: AECOM  
ADDRESS: 605 3rd Avenue,  
CITY: New York STATE: NY ZIP: 10158  
ATTENTION: Rob Forstner  
PHONE: 212-377-8721 FAX:

PROJECT NAME: Port Richmond B2  
PROJECT NO.: 60693795 LOCATION: Staten Island  
PROJECT MANAGER: Rob Forstner  
e-mail: robert.forstner@aecom.com  
PHONE: 212-377-8721 FAX:

BILL TO: AECOM PO#:  
ADDRESS: 605 3rd Ave  
CITY: New York STATE: NY ZIP: 10158  
ATTENTION: Rob Forstner PHONE: 212-377-8721

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) \_\_\_\_\_ DAYS\*  
HARDCOPY (DATA PACKAGE): \_\_\_\_\_ DAYS\*  
EDD: \_\_\_\_\_ DAYS\*

\*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☒ NYS ASP B  
+ Raw Data ☐ Other \_\_\_\_\_  
☐ EDD FORMAT \_\_\_\_\_

1. SVOCs  
2. Pesticides-TCL  
3. Mercury-Metals  
4. PCBs/Hexachloro  
5. Dioxin  
6. Biotin Sulf  
7. TOC  
8. VOCs  
9.

PRESERVATIVES

COMMENTS

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |              | SAMPLE<br>COLLECTION |      | # OF BOTTLES |   |   |   |   |   |   |   |   |   | ← Specify Preservatives<br>A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER |
|--------------------------|----------------------------------|------------------|----------------|--------------|----------------------|------|--------------|---|---|---|---|---|---|---|---|---|----------------------------------------------------------------------|
|                          |                                  |                  | COMP           | GRAB         | DATE                 | TIME |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                                                                      |
| 1.                       | PR132-S02-074099-20251016        | soil             | X              | X            | 10/16                | 840  | 11           | X | X | X | X | X | X | X | X |   |                                                                      |
| 2.                       | PR132-S04-000013-20251016        | soil             | X              | X            | 10/16                | 945  | 11           | X | X | X | X | X | X | X | X |   |                                                                      |
| 3.                       | <del>PR132-S04</del>             | <del>soil</del>  | <del>X</del>   | <del>X</del> | <del>10/16</del>     |      |              |   |   |   |   |   |   |   |   |   |                                                                      |
| 4.                       | PR132-S05-000057-20251016        | soil             | X              | X            | 10/16                | 1110 | 11           | X | X | X | X | X | X | X | X |   |                                                                      |
| 5.                       | PR132-S02-010074-20251016        | soil             | X              | X            | 10/16                | 850  | 11           | X | X | X | X | X | X | X | X |   |                                                                      |
| 6.                       | PR132-DP02-20251016              | soil             | X              | X            | 10/16                | 1113 | 11           | X | X | X | X | X | X | X | X |   |                                                                      |
| 7.                       | Temp Blank                       | water            |                |              |                      |      |              |   |   |   |   |   |   |   | X |   |                                                                      |
| 8.                       |                                  |                  |                |              |                      |      |              |   |   |   |   |   |   |   |   |   |                                                                      |
| 9.                       |                                  |                  |                |              |                      |      |              |   |   |   |   |   |   |   |   |   |                                                                      |
| 10.                      |                                  |                  |                |              |                      |      |              |   |   |   |   |   |   |   |   |   |                                                                      |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                                                    |                                           |                                                                   |                                                                                                                                                                           |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <u>Jim Aldersen</u> | DATE/TIME: <u>1650</u><br><u>10/16/25</u> | RECEIVED BY:<br><u>[Signature]</u> <u>1650</u><br><u>10-16-25</u> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.2</u> °C |
| RELINQUISHED BY SAMPLER:<br>2.                     | DATE/TIME:                                | RECEIVED BY:<br>2.                                                | Comments:                                                                                                                                                                 |
| RELINQUISHED BY SAMPLER:<br>3. <u>[Signature]</u>  | DATE/TIME: <u>1805</u><br><u>10-16-25</u> | RECEIVED BY:<br>3.                                                |                                                                                                                                                                           |

Page \_\_\_\_ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

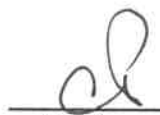
### Laboratory Certification

| 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           |

## LOGIN REPORT/SAMPLE TRANSFER

|                                       |               |                                                 |                                       |
|---------------------------------------|---------------|-------------------------------------------------|---------------------------------------|
| <b>Order ID :</b> Q3375               | <b>AECO02</b> | <b>Order Date :</b> 10/17/2025 10:32:00 AM      | <b>Project Mgr :</b>                  |
| <b>Client Name :</b> AECOM            |               | <b>Project Name :</b> AE1-CTY 3.2.Z-PR-DOCK     | <b>Report Type :</b> NYS ASP <b>B</b> |
| <b>Client Contact :</b> Rob Forstner  |               | <b>Receive DateTime :</b> 10/16/2025 6:15:00 PM | <b>EDD Type :</b> EQUIS               |
| <b>Invoice Name :</b> AECOM           |               | <b>Purchase Order :</b>                         | <b>Hard Copy Date :</b>               |
| <b>Invoice Contact :</b> Rob Forstner |               |                                                 | <b>Date Signoff :</b>                 |

| LAB ID   | CLIENT ID                  | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE     | DUE DATES |
|----------|----------------------------|--------|-------------|-------------|---------------|------------|--------|--------------|-----------|
| Q3375-01 | PR132-S02-074099-20251016  | Solid  | 10/16/2025  | 08:40       | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |           |
| Q3375-02 | PR132-S04-000013-20251016  | Solid  | 10/16/2025  | 09:45       | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |           |
| Q3375-03 | PR132-S05-000057-20251016  | Solid  | 10/16/2025  | 10:10       | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |           |
| Q3375-04 | PR132-S02-010074-20251016  | Solid  | 10/16/2025  | 08:50       | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |           |
| Q3375-05 | PR132-DP02-074099-20251016 | Solid  | 10/16/2025  | 11:13       | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |           |

Relinquished By : 

Date / Time :

10/17/25 13:35

Received By : 

Date / Time :

10/17/25 18:35

Rg # 6  
Ft 2

Storage Area : VOA Refridgerator Room