

## Cover Page

**Order ID :** Q3155

**Project ID :** Tanner G. Duckrey Public School

**Client :** Kleinfelder

**Lab Sample Number**

Q3155-01  
Q3155-02  
Q3155-03  
Q3155-04

**Client Sample Number**

COMP-1  
COMP-2  
COMP-3  
TB

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: 9/30/2025

## **CASE NARRATIVE**

### **Kleinfelder**

**Project Name: Tanner G. Duckrey Public School**

**Project # N/A**

**Order ID # Q3155**

**Test Name: SVOCMS Group1**

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

3 Solid samples were received on 09/19/2025.

### **B. Parameters**

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

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

The samples were analyzed on instrument BNA\_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 samples were analyzed on instrument BNA\_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3541.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The 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 Continuous Calibration File ID BG064435.D met the requirements except for 2,4,6-Tribromophenol and Nitrobenzene-d5, failing high side but The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Continuous Calibration File ID BP025824.D met the requirements except for Benzo(g,h,i)perylene, marginally failing low side therefore no corrective action was taken.

The Tuning criteria met requirements.



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**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.

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3155

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 09/30/2025

## LAB CHRONICLE

|                 |              |                   |                                 |
|-----------------|--------------|-------------------|---------------------------------|
| <b>OrderID:</b> | Q3155        | <b>OrderDate:</b> | 9/19/2025 1:05:00 PM            |
| <b>Client:</b>  | Kleinfelder  | <b>Project:</b>   | Tanner G. Duckrey Public School |
| <b>Contact:</b> | Mark Warchol | <b>Location:</b>  | D41,VOA Ref. #2 Soil            |

| LabID           | ClientID      | Matrix      | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------|-------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q3155-01</b> | <b>COMP-1</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>09/18/25</b> | 09/22/25  | 09/23/25  | <b>09/19/25</b> |
| <b>Q3155-02</b> | <b>COMP-2</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>09/18/25</b> | 09/22/25  | 09/23/25  | <b>09/19/25</b> |
| <b>Q3155-03</b> | <b>COMP-3</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>09/18/25</b> | 09/22/25  | 09/23/25  | <b>09/19/25</b> |

### Hit Summary Sheet SW-846

SDG No.: Q3155  
Client: Kleinfelder

| Sample ID            | Client ID | Matrix | Parameter              | Concentration | C | MDL  | RDL | Units |
|----------------------|-----------|--------|------------------------|---------------|---|------|-----|-------|
| Client ID : COMP-1   |           |        |                        |               |   |      |     |       |
| Q3155-01             | COMP-1    | SOIL   | Phenanthrene           | 290.000       |   | 23.8 | 190 | ug/Kg |
| Q3155-01             | COMP-1    | SOIL   | Pyrene                 | 520.000       |   | 40.9 | 190 | ug/Kg |
| Q3155-01             | COMP-1    | SOIL   | Benzo(a)anthracene     | 230.000       |   | 26.2 | 190 | ug/Kg |
| Q3155-01             | COMP-1    | SOIL   | Chrysene               | 240.000       |   | 22.6 | 190 | ug/Kg |
| Q3155-01             | COMP-1    | SOIL   | Benzo(b)fluoranthene   | 320.000       |   | 21.6 | 190 | ug/Kg |
| Q3155-01             | COMP-1    | SOIL   | Benzo(a)pyrene         | 240.000       |   | 33.5 | 190 | ug/Kg |
| Q3155-01             | COMP-1    | SOIL   | Indeno(1,2,3-cd)pyrene | 140.000       | J | 33.1 | 190 | ug/Kg |
| Q3155-01             | COMP-1    | SOIL   | Benzo(g,h,i)perylene   | 190.000       |   | 29.2 | 190 | ug/Kg |
| Total Svoc :         |           |        |                        | 2,170.00      |   |      |     |       |
| Total Concentration: |           |        |                        | 2,170.00      |   |      |     |       |
| Client ID : COMP-2   |           |        |                        |               |   |      |     |       |
| Q3155-02             | COMP-2    | SOIL   | Phenanthrene           | 530.000       |   | 22.9 | 190 | ug/Kg |
| Q3155-02             | COMP-2    | SOIL   | Anthracene             | 110.000       | J | 36.5 | 190 | ug/Kg |
| Q3155-02             | COMP-2    | SOIL   | Pyrene                 | 550.000       |   | 39.5 | 190 | ug/Kg |
| Q3155-02             | COMP-2    | SOIL   | Benzo(a)anthracene     | 340.000       |   | 25.2 | 190 | ug/Kg |
| Q3155-02             | COMP-2    | SOIL   | Chrysene               | 320.000       |   | 21.8 | 190 | ug/Kg |
| Q3155-02             | COMP-2    | SOIL   | Benzo(b)fluoranthene   | 390.000       |   | 20.8 | 190 | ug/Kg |
| Q3155-02             | COMP-2    | SOIL   | Benzo(a)pyrene         | 320.000       |   | 32.3 | 190 | ug/Kg |
| Q3155-02             | COMP-2    | SOIL   | Indeno(1,2,3-cd)pyrene | 170.000       | J | 31.9 | 190 | ug/Kg |
| Q3155-02             | COMP-2    | SOIL   | Benzo(g,h,i)perylene   | 200.000       |   | 28.2 | 190 | ug/Kg |
| Total Svoc :         |           |        |                        | 2,930.00      |   |      |     |       |
| Total Concentration: |           |        |                        | 2,930.00      |   |      |     |       |
| Client ID : COMP-3   |           |        |                        |               |   |      |     |       |
| Q3155-03             | COMP-3    | SOIL   | Naphthalene            | 90.500        | J | 24.7 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Fluorene               | 160.000       | J | 27.5 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Phenanthrene           | 2,100.000     |   | 22.7 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Anthracene             | 370.000       |   | 36.2 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Pyrene                 | 1,900.000     |   | 39.1 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Benzo(a)anthracene     | 1,200.000     |   | 25   | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Chrysene               | 1,100.000     |   | 21.6 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Benzo(b)fluoranthene   | 1,500.000     |   | 20.7 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Benzo(a)pyrene         | 1,100.000     |   | 32.1 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Indeno(1,2,3-cd)pyrene | 610.000       |   | 31.6 | 180 | ug/Kg |
| Q3155-03             | COMP-3    | SOIL   | Benzo(g,h,i)perylene   | 730.000       |   | 27.9 | 180 | ug/Kg |
| Total Svoc :         |           |        |                        | 10,860.50     |   |      |     |       |
| Total Concentration: |           |        |                        | 10,860.50     |   |      |     |       |



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Fax : 908 789 8922

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

**SDG No.:** Q3155  
**Client:** Kleinfelder

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



# QC SUMMARY

## Surrogate Summary

SW-846

SDG No.: Q3155

Client: Kleinfelder

Analytical Method: 8270E

| Lab Sample ID | Client ID         | Parameter        | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------------|------------------|-------------|--------------|--------------|------|------------|------|
|               |                   |                  |             |              |              |      | Low        | High |
| PB169774BL    | PB169774BL        | Nitrobenzene-d5  | 100         | 72.8         | 73           |      | 18         | 107  |
|               |                   | 2-Fluorobiphenyl | 100         | 71.4         | 71           |      | 20         | 109  |
|               |                   | Terphenyl-d14    | 100         | 67.4         | 67           |      | 10         | 105  |
| PB169774BS    | PB169774BS        | Nitrobenzene-d5  | 100         | 69.3         | 69           |      | 18         | 107  |
|               |                   | 2-Fluorobiphenyl | 100         | 67.8         | 68           |      | 20         | 109  |
|               |                   | Terphenyl-d14    | 100         | 74.3         | 74           |      | 10         | 105  |
| Q3153-05MS    | OR-500-COMP-40MS  | Nitrobenzene-d5  | 100         | 57.1         | 57           |      | 18         | 107  |
|               |                   | 2-Fluorobiphenyl | 100         | 48.9         | 49           |      | 20         | 109  |
|               |                   | Terphenyl-d14    | 100         | 56.1         | 56           |      | 10         | 105  |
| Q3153-05MSD   | OR-500-COMP-40MSD | Nitrobenzene-d5  | 100         | 59.7         | 60           |      | 18         | 107  |
|               |                   | 2-Fluorobiphenyl | 100         | 49.7         | 50           |      | 20         | 109  |
|               |                   | Terphenyl-d14    | 100         | 59.6         | 60           |      | 10         | 105  |
| Q3155-01      | COMP-1            | Nitrobenzene-d5  | 100         | 57.1         | 57           |      | 18         | 107  |
|               |                   | 2-Fluorobiphenyl | 100         | 53.6         | 54           |      | 20         | 109  |
|               |                   | Terphenyl-d14    | 100         | 57.5         | 57           |      | 10         | 105  |
| Q3155-02      | COMP-2            | Nitrobenzene-d5  | 100         | 67.5         | 67           |      | 18         | 107  |
|               |                   | 2-Fluorobiphenyl | 100         | 63.1         | 63           |      | 20         | 109  |
|               |                   | Terphenyl-d14    | 100         | 66.7         | 67           |      | 10         | 105  |
| Q3155-03      | COMP-3            | Nitrobenzene-d5  | 100         | 62.8         | 63           |      | 18         | 107  |
|               |                   | 2-Fluorobiphenyl | 100         | 61.3         | 61           |      | 20         | 109  |
|               |                   | Terphenyl-d14    | 100         | 63.7         | 64           |      | 10         | 105  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3155

**Analytical Method:** SW8270E

**Client:** Kleinfelder

**DataFile:** BP025835.D

| Parameter                        | Spike | Sample<br>Result                          | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------------|-------|-------------------------------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| <b>Lab Sample ID: Q3153-05MS</b> |       | <b>Client Sample ID: OR-500-COMP-40MS</b> |        |       |     |             |     |             |     |                |     |
| Naphthalene                      | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 51  | 121            |     |
| Fluorene                         | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 53  | 118            |     |
| Phenanthrene                     | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 52  | 128            |     |
| Anthracene                       | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 62  | 124            |     |
| Pyrene                           | 1200  | 0                                         | 1100   | ug/Kg | 92  |             |     |             | 37  | 122            |     |
| Benzo(a)anthracene               | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 53  | 119            |     |
| Chrysene                         | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 57  | 121            |     |
| Benzo(b)fluoranthene             | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 52  | 117            |     |
| Benzo(a)pyrene                   | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 70  | 142            |     |
| Indeno(1,2,3-cd)pyrene           | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 40  | 129            |     |
| Benzo(g,h,i)perylene             | 1200  | 0                                         | 1000   | ug/Kg | 83  |             |     |             | 24  | 125            |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q3155

**Analytical Method:** SW8270E

**Client:** Kleinfelder

**DataFile:** BP025836.D

| Parameter                         | Spike | Sample<br>Result                           | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|-----------------------------------|-------|--------------------------------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| <b>Lab Sample ID: Q3153-05MSD</b> |       | <b>Client Sample ID: OR-500-COMP-40MSD</b> |        |       |     |             |     |             |     |                |     |
| Naphthalene                       | 1200  | 0                                          | 1000   | ug/Kg | 83  |             | 0   |             | 51  | 121            | 20  |
| Fluorene                          | 1200  | 0                                          | 1000   | ug/Kg | 83  |             | 0   |             | 53  | 118            | 20  |
| Phenanthrene                      | 1200  | 0                                          | 1000   | ug/Kg | 83  |             | 0   |             | 52  | 128            | 20  |
| Anthracene                        | 1200  | 0                                          | 1100   | ug/Kg | 92  | 10          |     |             | 62  | 124            | 20  |
| Pyrene                            | 1200  | 0                                          | 1200   | ug/Kg | 100 | 8           |     |             | 37  | 122            | 20  |
| Benzo(a)anthracene                | 1200  | 0                                          | 1100   | ug/Kg | 92  | 10          |     |             | 53  | 119            | 20  |
| Chrysene                          | 1200  | 0                                          | 1100   | ug/Kg | 92  | 10          |     |             | 57  | 121            | 20  |
| Benzo(b)fluoranthene              | 1200  | 0                                          | 1100   | ug/Kg | 92  | 10          |     |             | 52  | 117            | 20  |
| Benzo(a)pyrene                    | 1200  | 0                                          | 1100   | ug/Kg | 92  | 10          |     |             | 70  | 142            | 20  |
| Indeno(1,2,3-cd)pyrene            | 1200  | 0                                          | 1100   | ug/Kg | 92  | 10          |     |             | 40  | 129            | 20  |
| Benzo(g,h,i)perylene              | 1200  | 0                                          | 1100   | ug/Kg | 92  | 10          |     |             | 24  | 125            | 20  |



## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3155

Analytical Method: 8270E

Client: Kleinfelder

DataFile: BP025829.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB169774BS    | Naphthalene            | 1700  | 1300   | ug/Kg | 76  |     |      |      | 62  | 100    |     |
|               | Fluorene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61  | 101    |     |
|               | Phenanthrene           | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59  | 103    |     |
|               | Anthracene             | 1700  | 1400   | ug/Kg | 82  |     |      |      | 61  | 105    |     |
|               | Pyrene                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59  | 103    |     |
|               | Benzo(a)anthracene     | 1700  | 1400   | ug/Kg | 82  |     |      |      | 60  | 102    |     |
|               | Chrysene               | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59  | 101    |     |
|               | Benzo(b)fluoranthene   | 1700  | 1700   | ug/Kg | 100 |     |      |      | 62  | 109    |     |
|               | Benzo(a)pyrene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63  | 103    |     |
|               | Indeno(1,2,3-cd)pyrene | 1700  | 1400   | ug/Kg | 82  |     |      |      | 63  | 101    |     |
|               | Benzo(g,h,i)perylene   | 1700  | 1400   | ug/Kg | 82  |     |      |      | 70  | 108    |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169774BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3155

Lab File ID: BP025828.D

Lab Sample ID: PB169774BL

Instrument ID: BNA\_P

Date Extracted: 09/22/2025

Matrix: (soil/water) SOIL

Date Analyzed: 09/23/2025

Level: (low/med) LOW

Time Analyzed: 13:48

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 |
|-------------------|------------------|----------------|------------------|
| PB169774BS        | PB169774BS       | BP025829.D     | 09/23/2025       |
| OR-500-COMP-40MS  | Q3153-05MS       | BP025835.D     | 09/23/2025       |
| OR-500-COMP-40MSD | Q3153-05MSD      | BP025836.D     | 09/23/2025       |
| COMP-1            | Q3155-01         | BG064437.D     | 09/23/2025       |
| COMP-2            | Q3155-02         | BG064438.D     | 09/23/2025       |
| COMP-3            | Q3155-03         | BG064439.D     | 09/23/2025       |

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



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BG064217.D  
Instrument ID: BNA\_G

Contract: POWE02  
SDG NO.: Q3155  
DFTPP Injection Date: 08/28/2025  
DFTPP Injection Time: 10:11

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 34.7                 |
| 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            | 7.1                  |
| 365 | Greater than 1% of mass 198        | 5.2                  |
| 441 | Present, but less than mass 443    | 15                   |
| 442 | Greater than 50% of mass 198       | 90.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 17 ( 18.7 ) 2        |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BG064218.D     | 08/28/2025       | 10:51            |
| SSTDICC005        | SSTDICC005       | BG064219.D     | 08/28/2025       | 11:32            |
| SSTDICC010        | SSTDICC010       | BG064220.D     | 08/28/2025       | 12:12            |
| SSTDICC020        | SSTDICC020       | BG064221.D     | 08/28/2025       | 12:53            |
| SSTDICCC040       | SSTDICCC040      | BG064222.D     | 08/28/2025       | 13:33            |
| SSTDICC050        | SSTDICC050       | BG064223.D     | 08/28/2025       | 14:55            |
| SSTDICC060        | SSTDICC060       | BG064224.D     | 08/28/2025       | 15:35            |
| SSTDICC080        | SSTDICC080       | BG064225.D     | 08/28/2025       | 16:16            |



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: POWE02Lab Code: ACESDG NO.: Q3155Lab File ID: BG064434.DDFTPP Injection Date: 09/23/2025Instrument ID: BNA\_GDFTPP Injection Time: 10:47

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 69  | Mass 69 relative abundance         | 29.5                 |
| 70  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.6                  |
| 365 | Greater than 1% of mass 198        | 6.4                  |
| 441 | Present, but less than mass 443    | 10                   |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 18.6 ( 18.6 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BG064435.D     | 09/23/2025       | 11:28            |
| COMP-1            | Q3155-01         | BG064437.D     | 09/23/2025       | 13:18            |
| COMP-2            | Q3155-02         | BG064438.D     | 09/23/2025       | 13:59            |
| COMP-3            | Q3155-03         | BG064439.D     | 09/23/2025       | 14:40            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BP025724.D  
Instrument ID: BNA\_P

Contract: POWE02  
SDG NO.: Q3155  
DFTPP Injection Date: 09/11/2025  
DFTPP Injection Time: 08:09

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 36.5                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.6                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.6                  |
| 365 | Greater than 1% of mass 198        | 3.3                  |
| 441 | Present, but less than mass 443    | 10.8                 |
| 442 | Greater than 50% of mass 198       | 69.4                 |
| 443 | 15.0 - 24.0% of mass 442           | 13.7 ( 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BP025725.D     | 09/11/2025       | 08:56            |
| SSTDICC005        | SSTDICC005       | BP025726.D     | 09/11/2025       | 09:37            |
| SSTDICC010        | SSTDICC010       | BP025727.D     | 09/11/2025       | 10:18            |
| SSTDICC020        | SSTDICC020       | BP025728.D     | 09/11/2025       | 10:59            |
| SSTDICCC040       | SSTDICCC040      | BP025729.D     | 09/11/2025       | 12:21            |
| SSTDICC060        | SSTDICC060       | BP025731.D     | 09/11/2025       | 13:43            |
| SSTDICC080        | SSTDICC080       | BP025732.D     | 09/11/2025       | 14:24            |
| SSTDICC050        | SSTDICC050       | BP025733.D     | 09/11/2025       | 15:20            |



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance  
Lab Code: ACE  
Lab File ID: BP025823.D  
Instrument ID: BNA\_P

Contract: POWE02  
SDG NO.: Q3155  
DFTPP Injection Date: 09/23/2025  
DFTPP Injection Time: 09:41

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 34.4                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 197 | Less than 2.0% of mass 198         | 0.3                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.6                  |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 11.9                 |
| 442 | Greater than 50% of mass 198       | 76                   |
| 443 | 15.0 - 24.0% of mass 442           | 14.8 ( 19.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BP025824.D     | 09/23/2025       | 11:03            |
| PB169774BL        | PB169774BL       | BP025828.D     | 09/23/2025       | 13:48            |
| PB169774BS        | PB169774BS       | BP025829.D     | 09/23/2025       | 14:29            |
| OR-500-COMP-40MS  | Q3153-05MS       | BP025835.D     | 09/23/2025       | 18:41            |
| OR-500-COMP-40MSD | Q3153-05MSD      | BP025836.D     | 09/23/2025       | 19:22            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3155

Client ID : SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BG064435.D

Time Analyzed: 11:28

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    | 19841               | 7.843 | 85807               | 10.63  | 61310               | 14.47  |
| UPPER LIMIT    | 39682               | 8.343 | 171614              | 11.128 | 122620              | 14.965 |
| LOWER LIMIT    | 9920.5              | 7.343 | 42903.5             | 10.128 | 30655               | 13.965 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 COMP-1      | 19558               | 7.84  | 83888               | 10.62  | 59255               | 14.46  |
| 02 COMP-2      | 22529               | 7.84  | 95164               | 10.62  | 68543               | 14.46  |
| 03 COMP-3      | 22469               | 7.84  | 93751               | 10.63  | 66454               | 14.46  |

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.: Q3155

Client ID: SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BG064435.D

Time Analyzed: 11:28

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    | 146814              | 17.203 | 160877              | 21.433 | 172846              | 24.43 |
| UPPER LIMIT    | 293628              | 17.703 | 321754              | 21.933 | 345692              | 24.93 |
| LOWER LIMIT    | 73407               | 16.703 | 80438.5             | 20.933 | 86423               | 23.93 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 01 COMP-1      | 141083              | 17.20  | 152528              | 21.43  | 170295              | 24.43 |
| 02 COMP-2      | 152982              | 17.20  | 165680              | 21.43  | 182154              | 24.42 |
| 03 COMP-3      | 149111              | 17.20  | 164886              | 21.43  | 182770              | 24.44 |

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.: Q3155

Client ID : SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BP025824.D

Time Analyzed: 11:03

Instrument ID: BNA\_P

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          | 220036              | 7.755 | 921644              | 10.52  | 640458              | 14.38  |
| UPPER LIMIT          | 440072              | 8.255 | 1843290             | 11.019 | 1280920             | 14.878 |
| LOWER LIMIT          | 110018              | 7.255 | 460822              | 10.019 | 320229              | 13.878 |
| EPA SAMPLE NO.       |                     |       |                     |        |                     |        |
| 01 PB169774BL        | 226989              | 7.75  | 889928              | 10.52  | 600979              | 14.37  |
| 02 PB169774BS        | 241907              | 7.75  | 991516              | 10.52  | 681683              | 14.37  |
| 03 OR-500-COMP-40MS  | 185533              | 7.75  | 778843              | 10.51  | 542949              | 14.37  |
| 04 OR-500-COMP-40MSD | 217289              | 7.75  | 953089              | 10.52  | 680180              | 14.38  |

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.: Q3155

Client ID: SSTDCCC040

Date Analyzed: 09/23/2025

Lab File ID: BP025824.D

Time Analyzed: 11:03

Instrument ID: BNA\_P

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          | 1402360             | 17.178 | 1584560             | 21.63 | 1726840             | 25.007 |
| UPPER LIMIT          | 2804720             | 17.678 | 3169120             | 22.13 | 3453680             | 25.507 |
| LOWER LIMIT          | 701180              | 16.678 | 792280              | 21.13 | 863420              | 24.507 |
| EPA SAMPLE NO.       |                     |        |                     |       |                     |        |
| 01 PB169774BL        | 1402810             | 17.18  | 1747160             | 21.64 | 1629650             | 25.00  |
| 02 PB169774BS        | 1453270             | 17.16  | 1418310             | 21.62 | 1138070             | 24.98  |
| 03 OR-500-COMP-40MS  | 1061860             | 17.18  | 915774              | 21.63 | 1000890             | 24.98  |
| 04 OR-500-COMP-40MSD | 1328390             | 17.18  | 1034220             | 21.63 | 1170740             | 24.98  |

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

## Report of Analysis

|                    |                                 |                 |               |
|--------------------|---------------------------------|-----------------|---------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/18/25      |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25      |
| Client Sample ID:  | COMP-1                          | SDG No.:        | Q3155         |
| Lab Sample ID:     | Q3155-01                        | Matrix:         | SOIL          |
| Analytical Method: | 8270E                           | % Solid:        | 87.8          |
| Sample Wt/Vol:     | 30.05      Units: g             | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N                    | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541                          |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064437.D        | 1         | 09/22/25 09:30 | 09/23/25 13:18 | PB169774      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 25.8   | U         | 25.8     | 190        | ug/Kg             |
| 86-73-7                   | Fluorene               | 28.8   | U         | 28.8     | 190        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 290    |           | 23.8     | 190        | ug/Kg             |
| 120-12-7                  | Anthracene             | 37.9   | U         | 37.9     | 190        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 520    |           | 40.9     | 190        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 230    |           | 26.2     | 190        | ug/Kg             |
| 218-01-9                  | Chrysene               | 240    |           | 22.6     | 190        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 320    |           | 21.6     | 190        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 240    |           | 33.5     | 190        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 140    | J         | 33.1     | 190        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 190    |           | 29.2     | 190        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 57.1   |           | 18 - 107 | 57%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 53.6   |           | 20 - 109 | 54%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 57.5   |           | 10 - 105 | 57%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 19600  |           | 7.836    |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 83900  |           | 10.62    |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 59300  |           | 14.463   |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 141000 |           | 17.201   |            |                   |
| 1719-03-5                 | Chrysene-d12           | 153000 |           | 21.431   |            |                   |
| 1520-96-3                 | Perylene-d12           | 170000 |           | 24.428   |            |                   |

## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/18/25                     |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25                     |
| Client Sample ID:  | COMP-1                          | SDG No.:        | Q3155                        |
| Lab Sample ID:     | Q3155-01                        | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 87.8                         |
| Sample Wt/Vol:     | 30.05      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :    N                 | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064437.D        | 1         | 09/22/25 09:30 | 09/23/25 13:18 | PB169774      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064437.D  
 Acq On : 23 Sep 2025 13:18  
 Operator : RC/JU  
 Sample : Q3155-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1

Quant Time: Sep 23 13:53:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

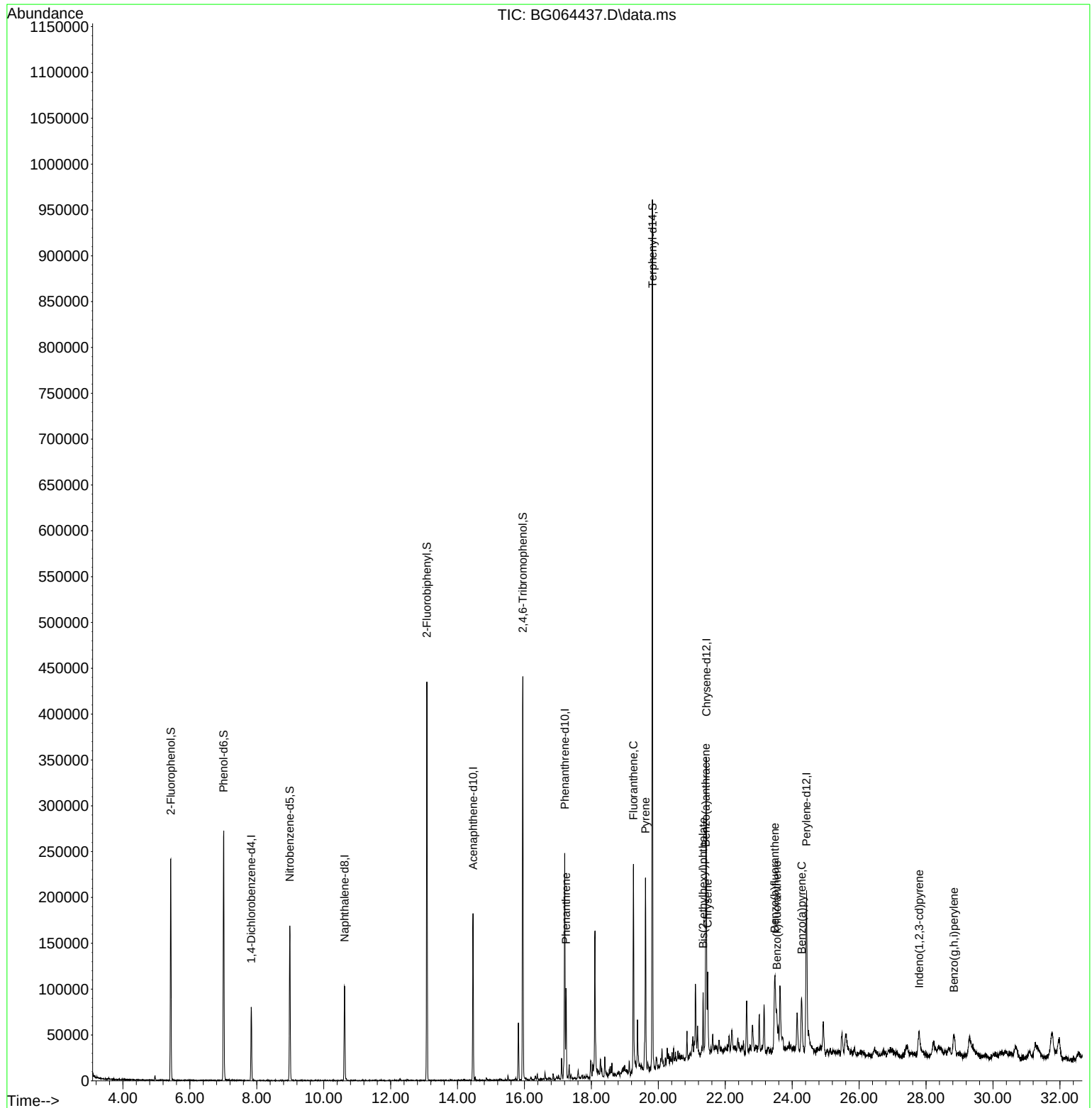
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.836  | 152  | 19558    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.620 | 136  | 83888    | 20.000  | ng    | #-0.03   |
| 39) Acenaphthene-d10          | 14.463 | 164  | 59255    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.201 | 188  | 141083   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12              | 21.431 | 240  | 152528   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 24.428 | 264  | 170295   | 20.000  | ng    | -0.04    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.432  | 112  | 89530    | 82.128  | ng    | -0.01    |
| 7) Phenol-d6                  | 7.007  | 99   | 124040   | 82.823  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 8.987  | 82   | 85833    | 57.063  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 15.950 | 330  | 82399    | 104.986 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.082 | 172  | 208112   | 53.608  | ng    | -0.03    |
| 79) Terphenyl-d14             | 19.821 | 244  | 420225   | 57.480  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene              | 17.242 | 178  | 57420    | 7.717   | ng    | 99       |
| 75) Fluoranthene              | 19.257 | 202  | 129086   | 14.754  | ng    | 96       |
| 78) Pyrene                    | 19.616 | 202  | 131355   | 13.669  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.414 | 228  | 59739    | 6.122   | ng    | 92       |
| 83) Chrysene                  | 21.472 | 228  | 59110    | 6.310   | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 24018    | 4.414   | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 27.789 | 276  | 43681    | 3.756   | ng    | # 62     |
| 88) Benzo(b)fluoranthene      | 23.482 | 252  | 80480    | 8.374   | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.541 | 252  | 33443m   | 3.415   | ng    |          |
| 90) Benzo(a)pyrene            | 24.281 | 252  | 57298    | 6.409   | ng    | # 98     |
| 92) Benzo(g,h,i)perylene      | 28.829 | 276  | 45161    | 4.970   | ng    | 94       |
| -----                         |        |      |          |         |       |          |

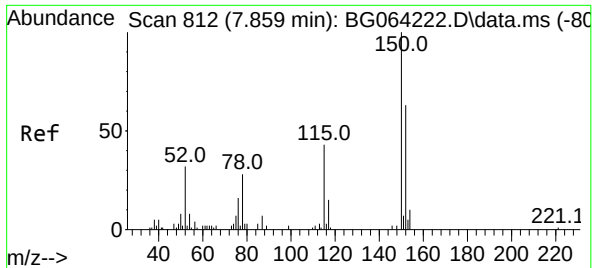
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
Data File : BG064437.D  
Acq On : 23 Sep 2025 13:18  
Operator : RC/JU  
Sample : Q3155-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

Quant Time: Sep 23 13:53:55 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration

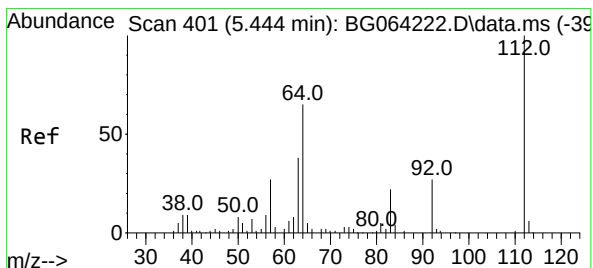
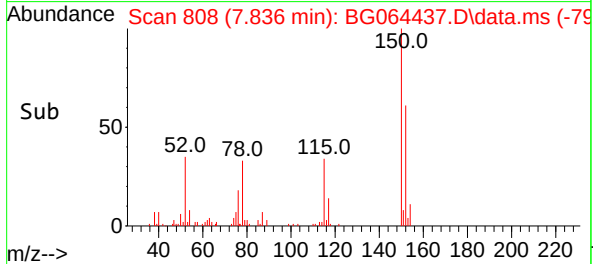
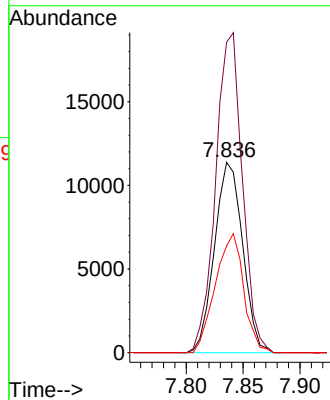
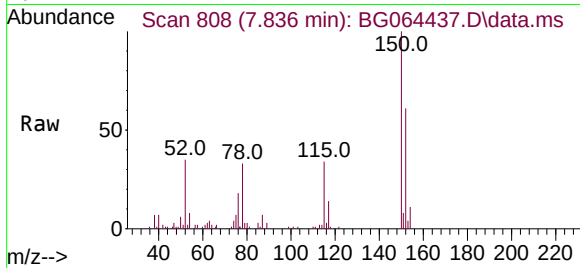




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.836 min Scan# 808  
Delta R.T. -0.023 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

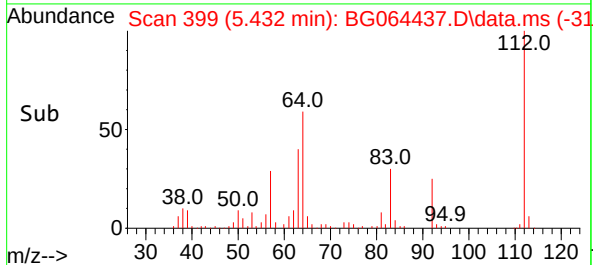
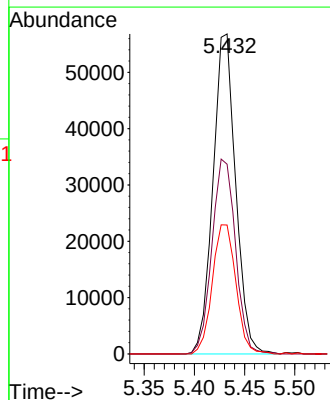
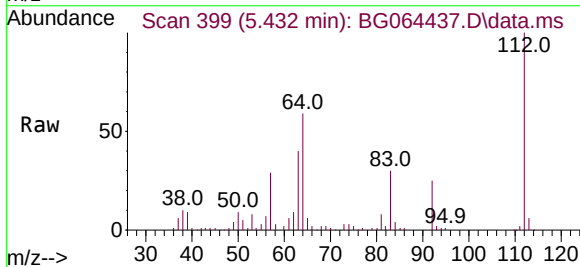
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

| Tgt Ion:  | 152   | Resp: | 19558 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 163.1 | 128.0 | 192.0 |
| 115       | 56.1  | 55.7  | 83.5  |

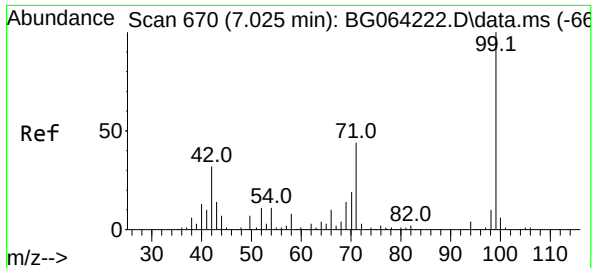


#5  
2-Fluorophenol  
Concen: 82.128 ng  
RT: 5.432 min Scan# 399  
Delta R.T. -0.012 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

| Tgt Ion:  | 112   | Resp: | 89530 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 59.3  | 51.8  | 77.6  |
| 63        | 40.3  | 30.6  | 45.8  |



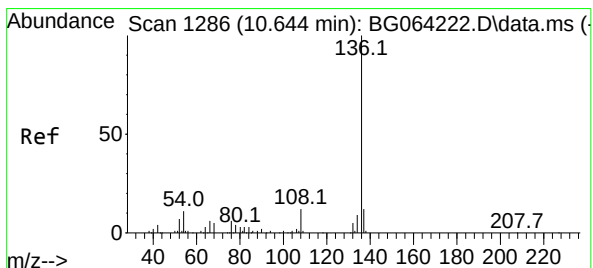
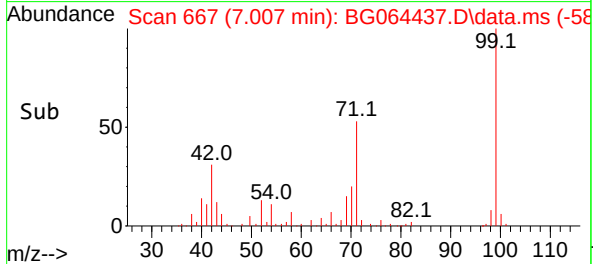
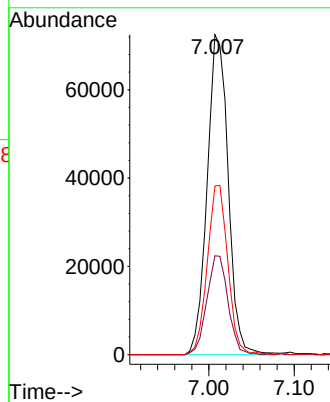
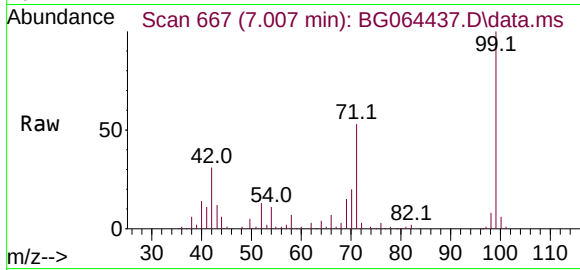




#7  
Phenol-d6  
Concen: 82.823 ng  
RT: 7.007 min Scan# 60  
Delta R.T. -0.024 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

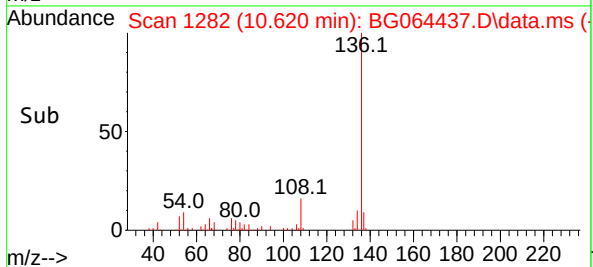
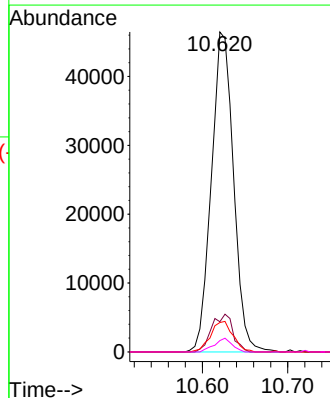
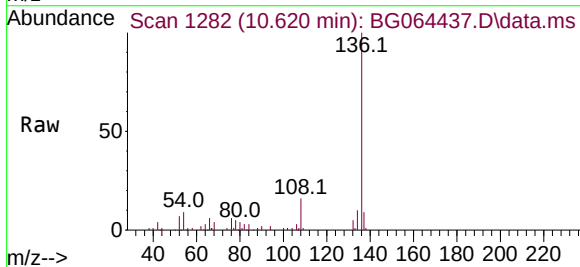
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

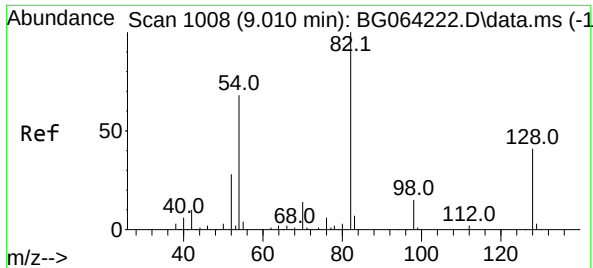
Tgt Ion: 99 Resp: 124040  
Ion Ratio Lower Upper  
99 100  
42 30.9 25.8 38.8  
71 52.7 35.2 52.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.620 min Scan# 1282  
Delta R.T. -0.030 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

Tgt Ion: 136 Resp: 83888  
Ion Ratio Lower Upper  
136 100  
137 9.4 9.6 14.4#  
54 9.2 8.8 13.2  
68 3.5 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 57.063 ng

RT: 8.987 min Scan# 1004

Delta R.T. -0.029 min

Lab File: BG064437.D

Acq: 23 Sep 2025 13:18

Instrument :

BNA\_G

ClientSampleId :

COMP-1

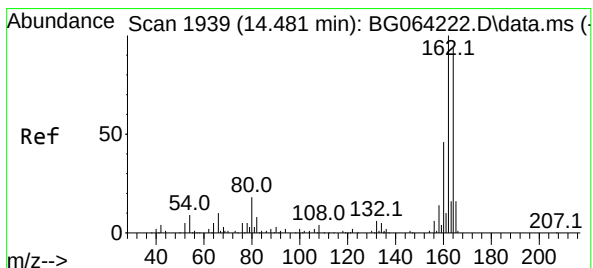
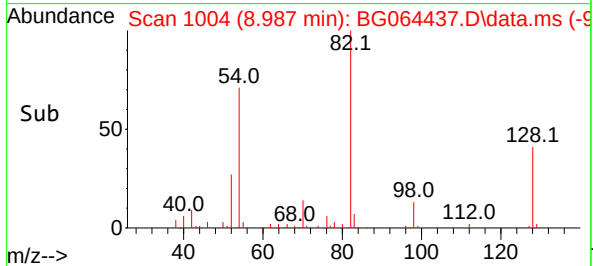
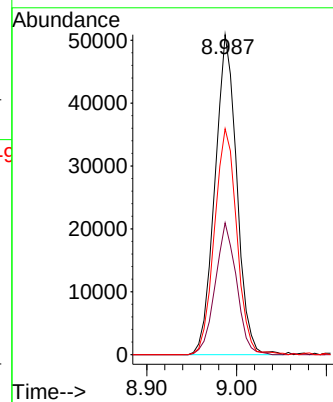
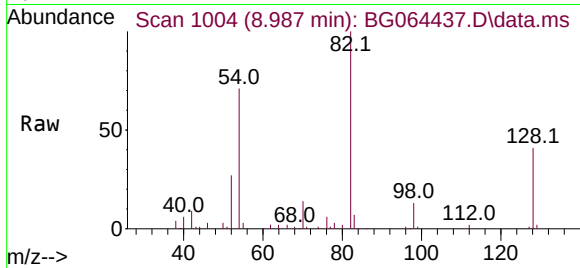
Tgt Ion: 82 Resp: 85833

Ion Ratio Lower Upper

82 100

128 41.2 32.6 48.8

54 70.6 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. -0.018 min

Lab File: BG064437.D

Acq: 23 Sep 2025 13:18

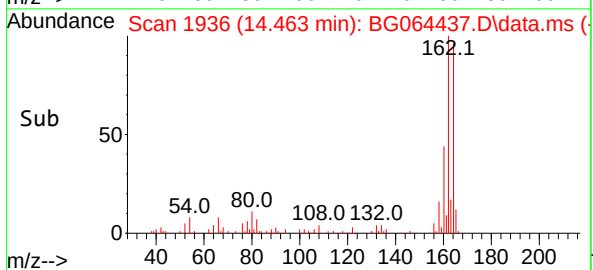
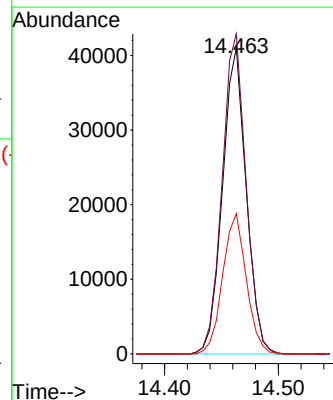
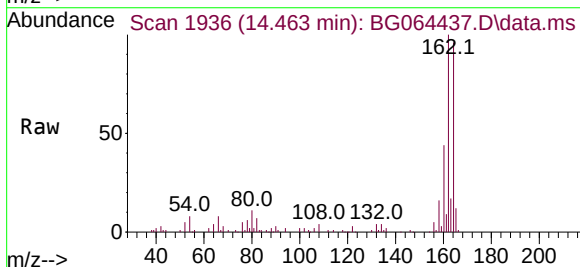
Tgt Ion: 164 Resp: 59255

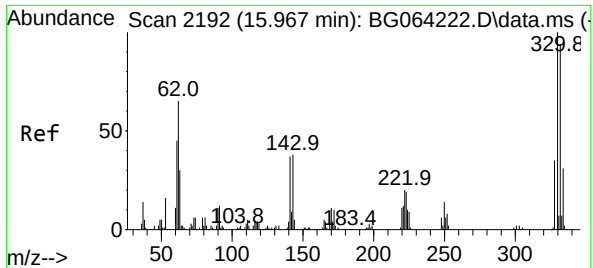
Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.0

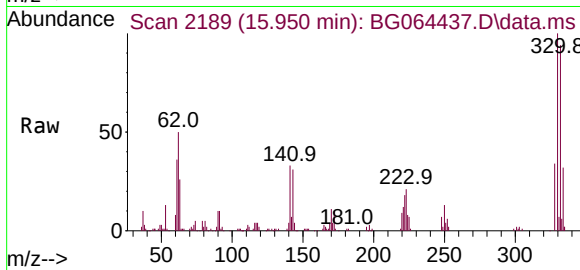
160 45.8 39.2 58.8



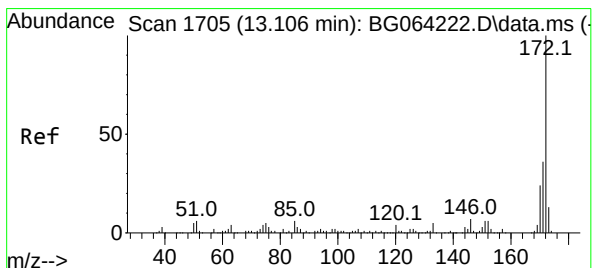
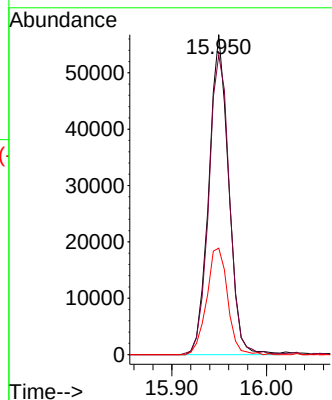
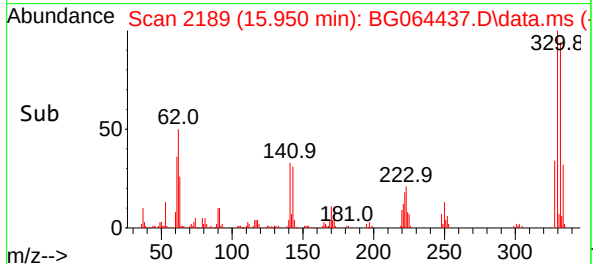


#42  
2,4,6-Tribromophenol  
Concen: 104.986 ng  
RT: 15.950 min Scan# 2192  
Delta R.T. -0.024 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

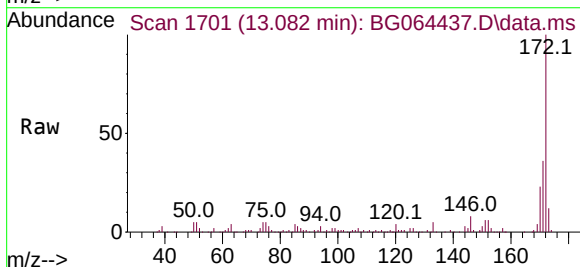
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1



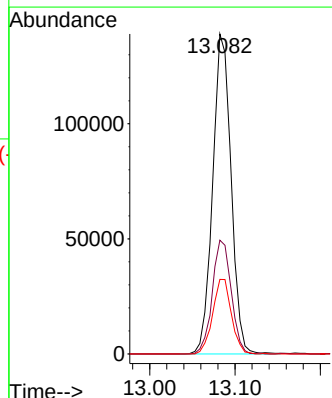
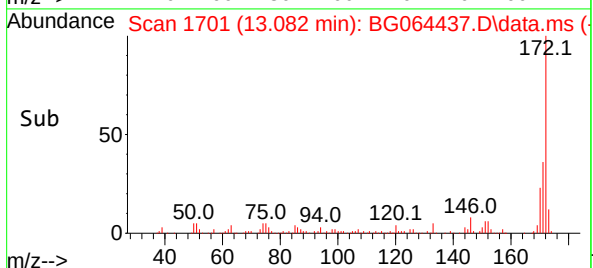
Tgt Ion:330 Resp: 82399  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.6 116.4  
141 35.2 29.8 44.6

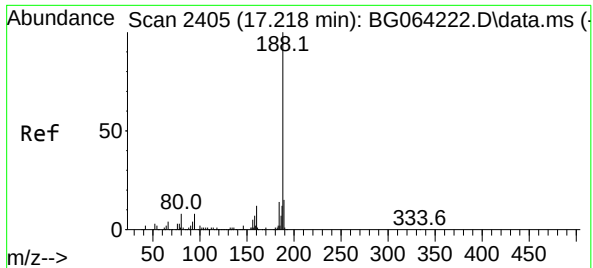


#45  
2-Fluorobiphenyl  
Concen: 53.608 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. -0.029 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18



Tgt Ion:172 Resp: 208112  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.7 43.1  
170 23.3 19.0 28.6

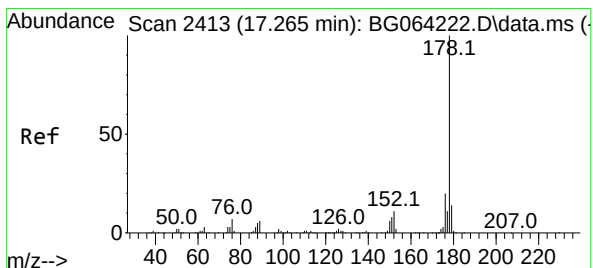
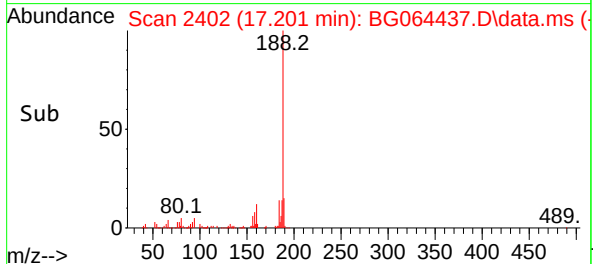
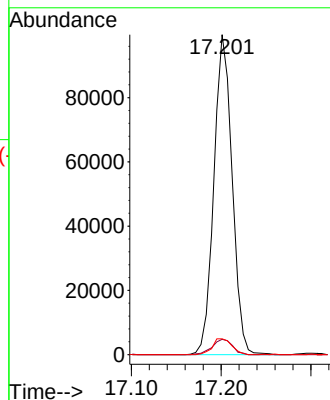
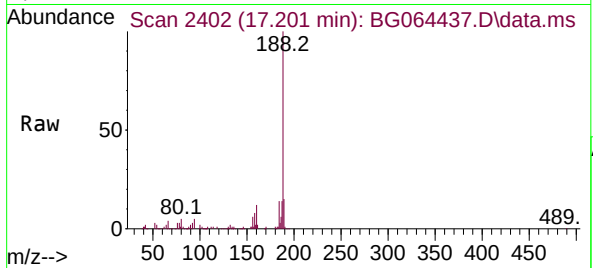




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.201 min Scan# 2402  
Delta R.T. -0.024 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

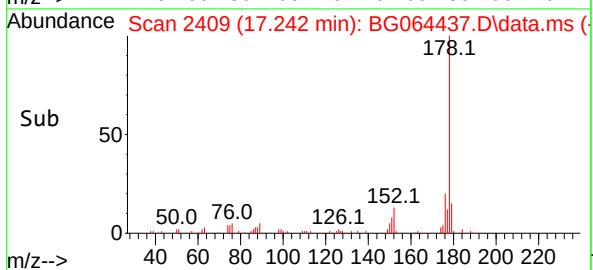
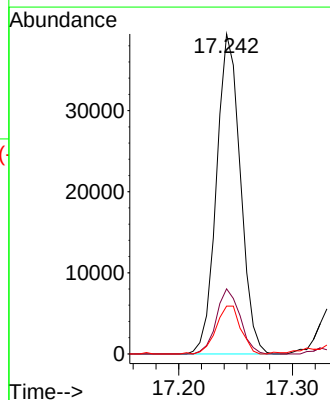
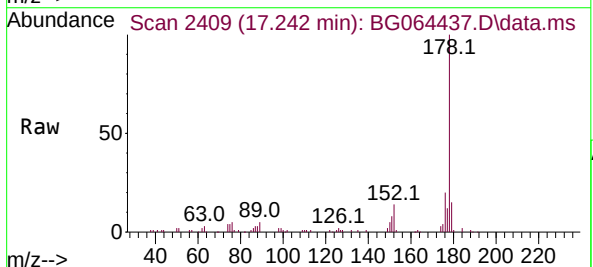
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

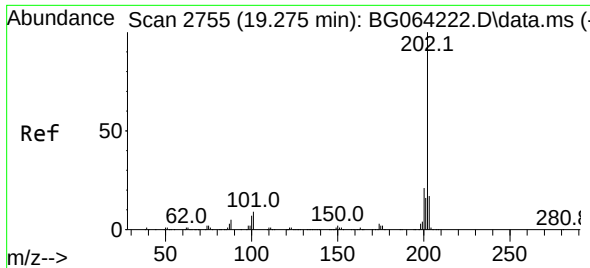
Tgt Ion:188 Resp: 141083  
Ion Ratio Lower Upper  
188 100  
94 4.8 6.2 9.4#  
80 4.9 6.8 10.2#



#71  
Phenanthrene  
Concen: 7.717 ng  
RT: 17.242 min Scan# 2409  
Delta R.T. -0.024 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

Tgt Ion:178 Resp: 57420  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.9 23.9  
179 14.9 11.4 17.2

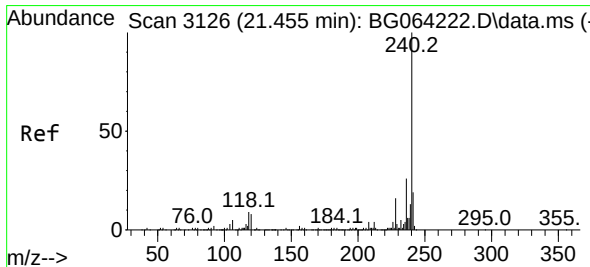
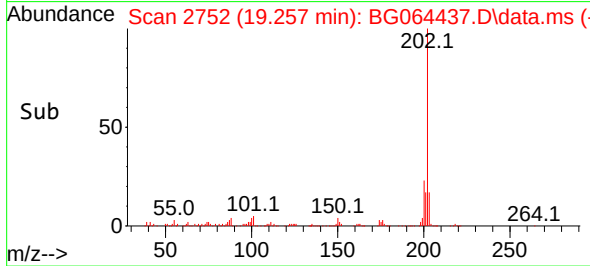
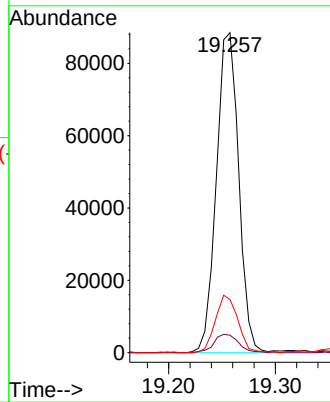
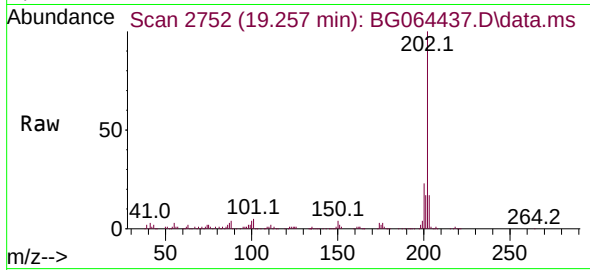




#75  
Fluoranthene  
Concen: 14.754 ng  
RT: 19.257 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

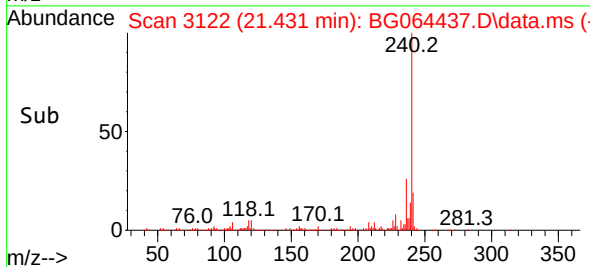
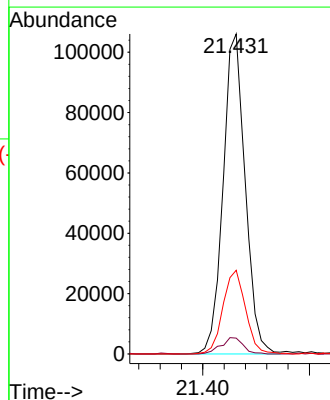
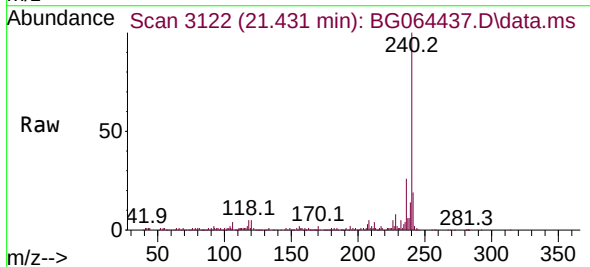
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

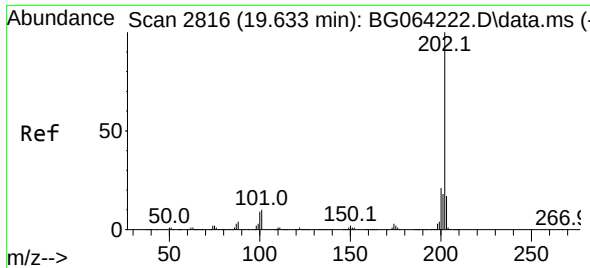
Tgt Ion:202 Resp: 129086  
Ion Ratio Lower Upper  
202 100  
101 5.4 0.0 28.7  
203 16.6 0.0 36.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.431 min Scan# 3122  
Delta R.T. -0.024 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

Tgt Ion:240 Resp: 152528  
Ion Ratio Lower Upper  
240 100  
120 4.9 6.2 9.4#  
236 26.1 20.5 30.7

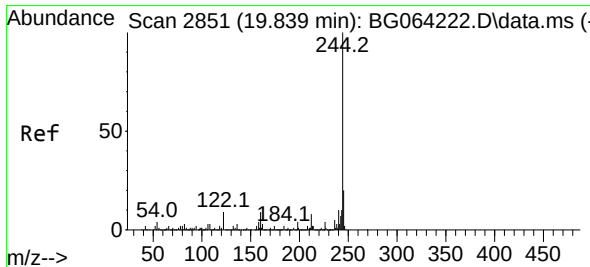
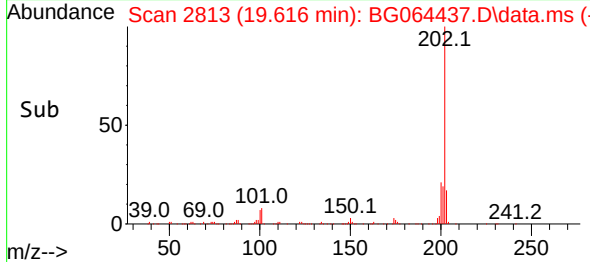
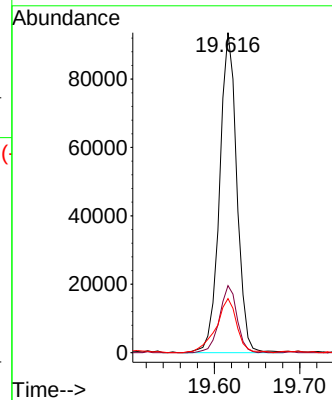
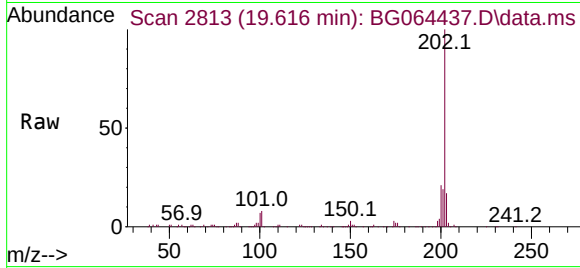




#78  
 Pyrene  
 Concen: 13.669 ng  
 RT: 19.616 min Scan# 2816  
 Delta R.T. -0.024 min  
 Lab File: BG064437.D  
 Acq: 23 Sep 2025 13:18

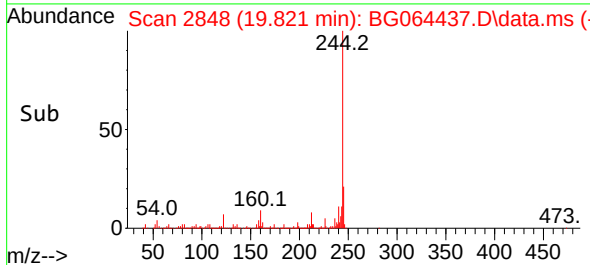
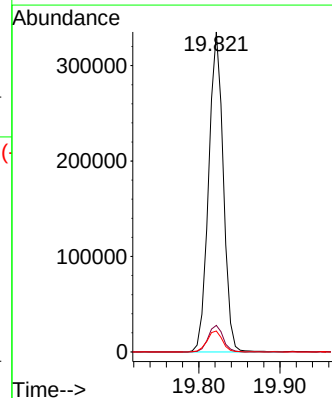
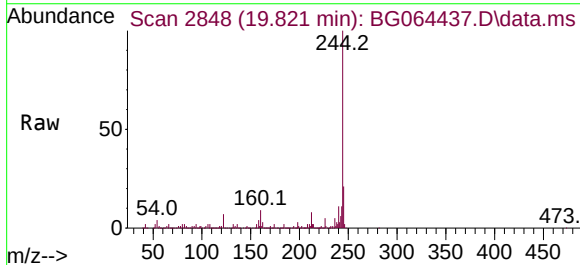
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1

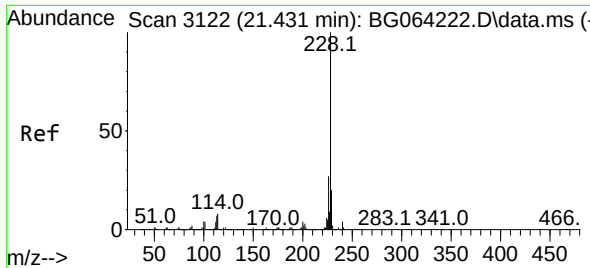
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.9  | 16.9  | 25.3  |
| 203     | 16.9  | 13.8  | 20.8  |



#79  
 Terphenyl-d14  
 Concen: 57.480 ng  
 RT: 19.821 min Scan# 2848  
 Delta R.T. -0.024 min  
 Lab File: BG064437.D  
 Acq: 23 Sep 2025 13:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.3   | 6.6   | 10.0  |
| 122     | 6.5   | 7.0   | 10.6  |

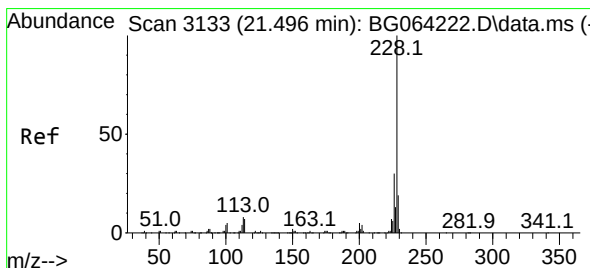
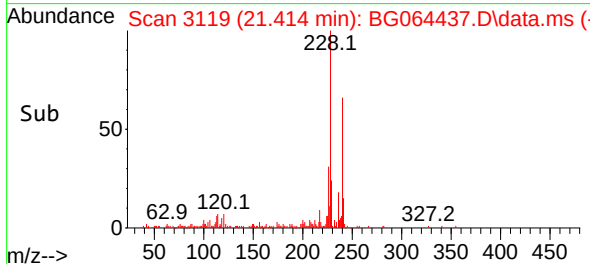
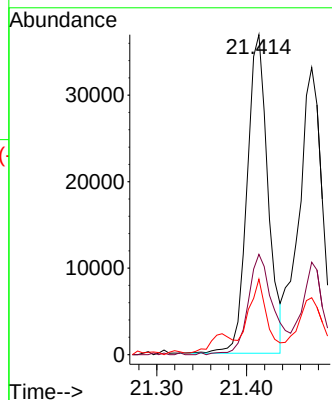
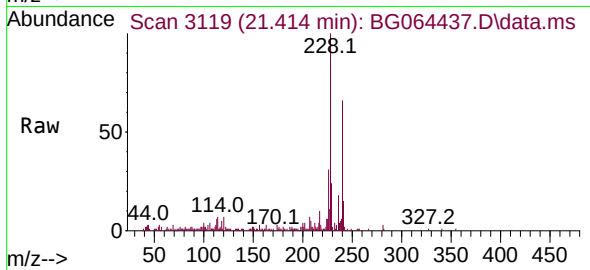




#81  
Benzo(a)anthracene  
Concen: 6.122 ng  
RT: 21.414 min Scan# 3119  
Delta R.T. -0.024 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

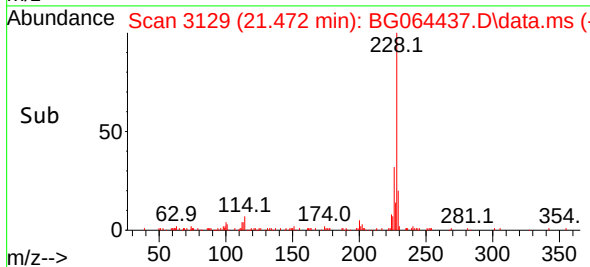
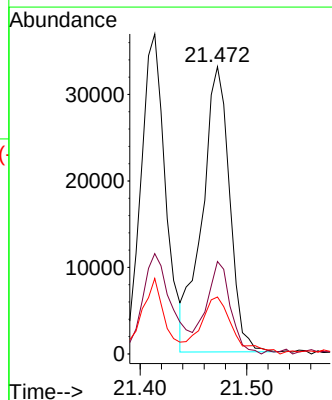
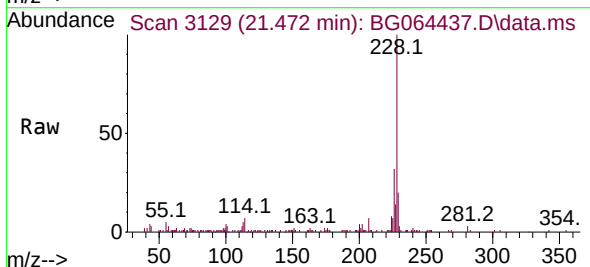
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

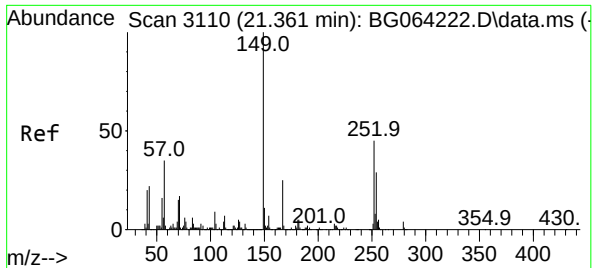
Tgt Ion:228 Resp: 59739  
Ion Ratio Lower Upper  
228 100  
226 31.3 21.7 32.5  
229 23.6 15.9 23.9



#83  
Chrysene  
Concen: 6.310 ng  
RT: 21.472 min Scan# 3129  
Delta R.T. -0.030 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

Tgt Ion:228 Resp: 59110  
Ion Ratio Lower Upper  
228 100  
226 32.2 24.2 36.2  
229 19.8 15.4 23.2

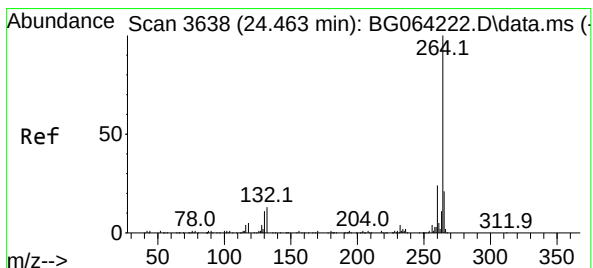
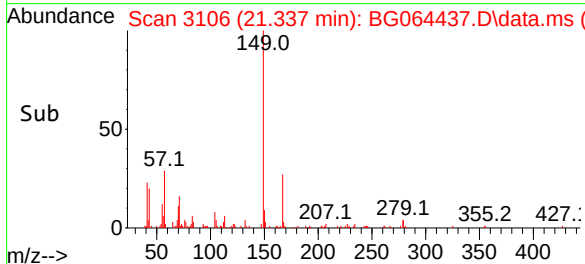
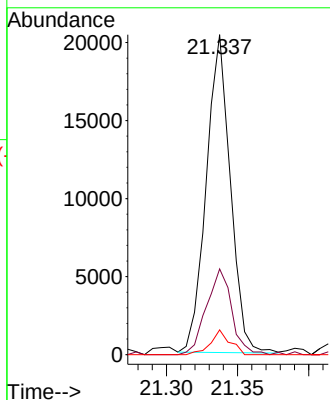
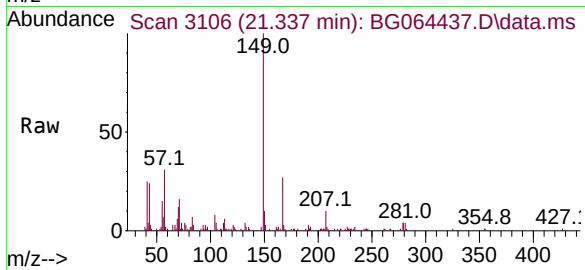




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.414 ng  
 RT: 21.337 min Scan# 3110  
 Delta R.T. -0.029 min  
 Lab File: BG064437.D  
 Acq: 23 Sep 2025 13:18

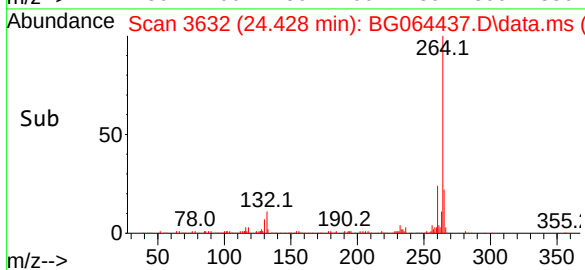
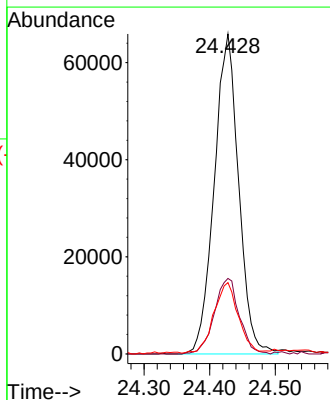
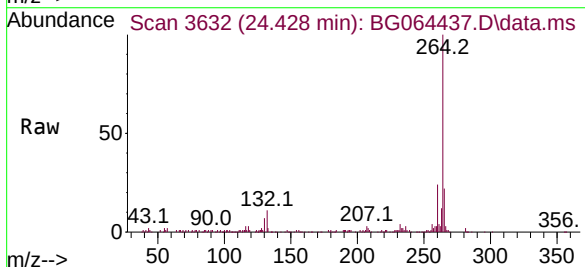
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1

Tgt Ion:149 Resp: 24018  
 Ion Ratio Lower Upper  
 149 100  
 167 26.8 20.0 30.0  
 279 7.7 3.0 4.4#

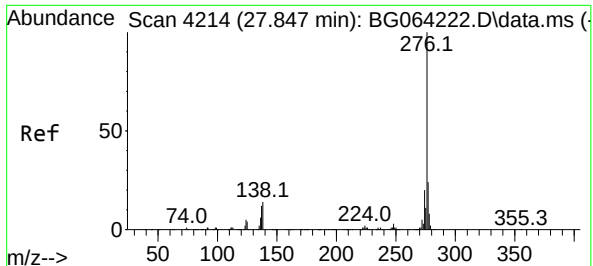


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.428 min Scan# 3632  
 Delta R.T. -0.035 min  
 Lab File: BG064437.D  
 Acq: 23 Sep 2025 13:18

Tgt Ion:264 Resp: 170295  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.9 28.3  
 265 22.3 16.7 25.1



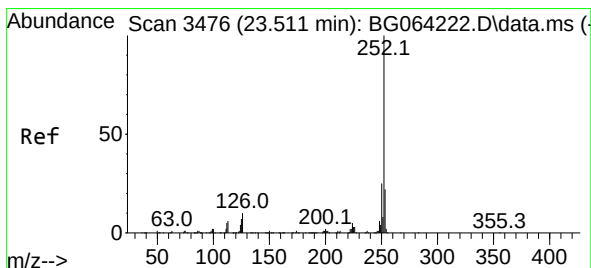
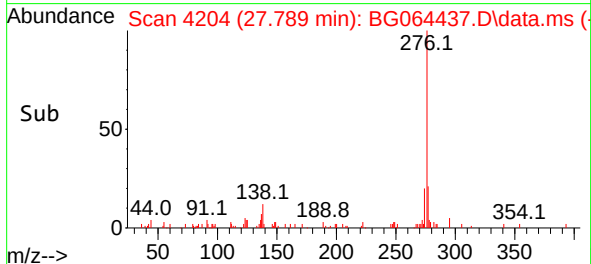
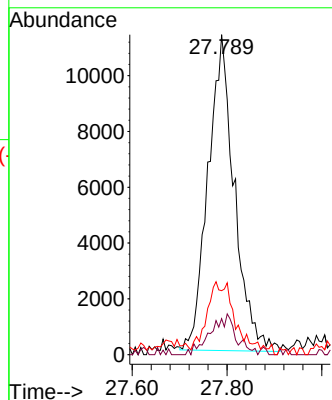
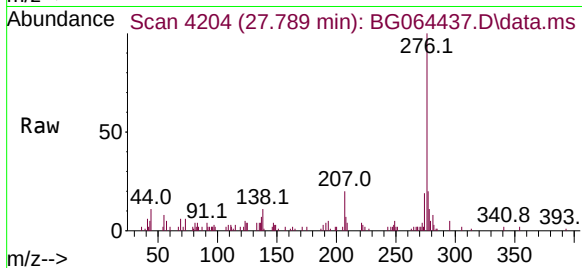




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.756 ng  
 RT: 27.789 min Scan# 41  
 Delta R.T. -0.082 min  
 Lab File: BG064437.D  
 Acq: 23 Sep 2025 13:18

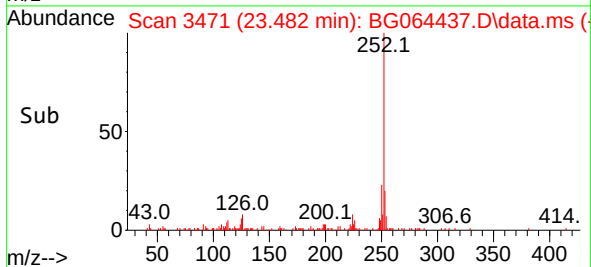
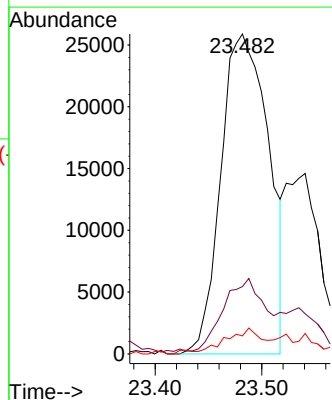
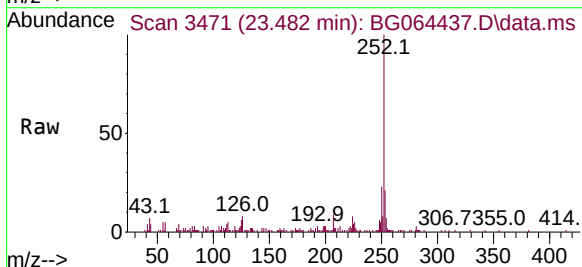
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1

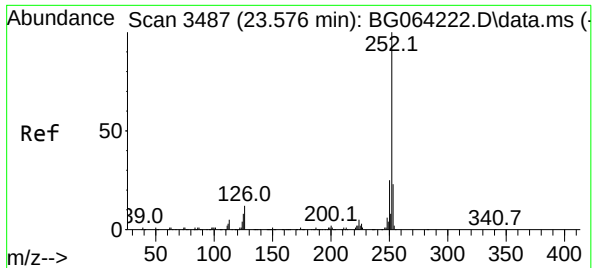
Tgt Ion:276 Resp: 43681  
 Ion Ratio Lower Upper  
 276 100  
 138 10.9 7.4 11.0  
 277 0.0 20.5 30.7#



#88  
 Benzo(b)fluoranthene  
 Concen: 8.374 ng  
 RT: 23.482 min Scan# 3471  
 Delta R.T. -0.035 min  
 Lab File: BG064437.D  
 Acq: 23 Sep 2025 13:18

Tgt Ion:252 Resp: 80480  
 Ion Ratio Lower Upper  
 252 100  
 253 21.0 17.5 26.3  
 125 5.6 5.9 8.9#

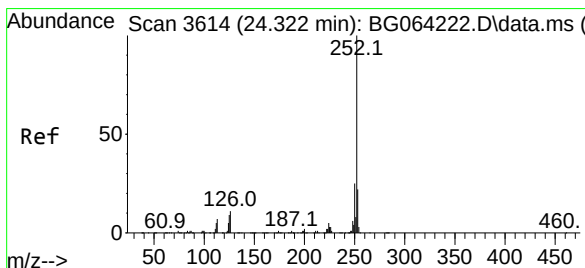
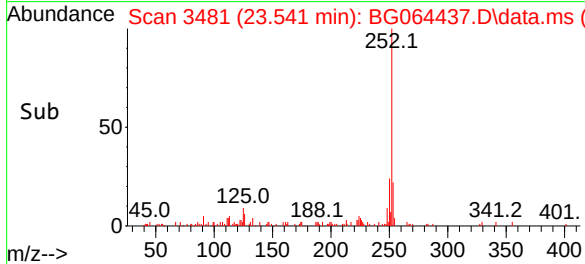
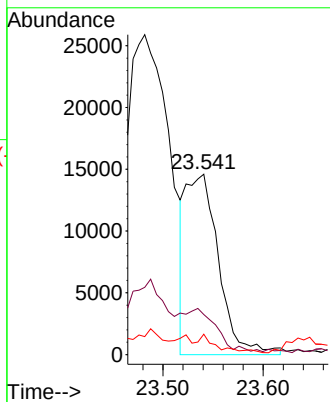
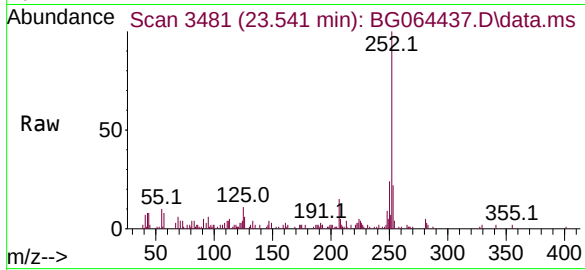




#89  
Benzo(k)fluoranthene  
Concen: 3.415 ng m  
RT: 23.541 min Scan# 34  
Delta R.T. -0.047 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

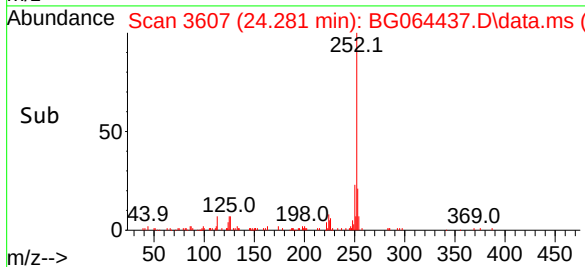
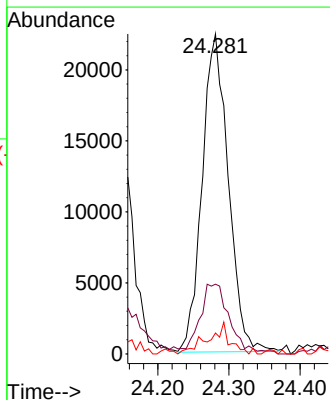
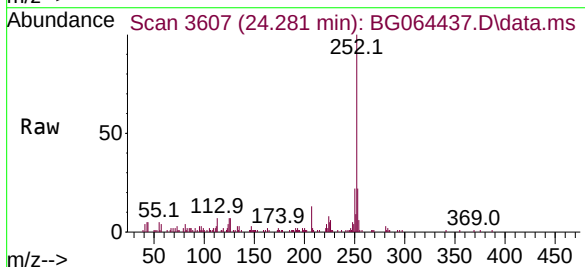
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

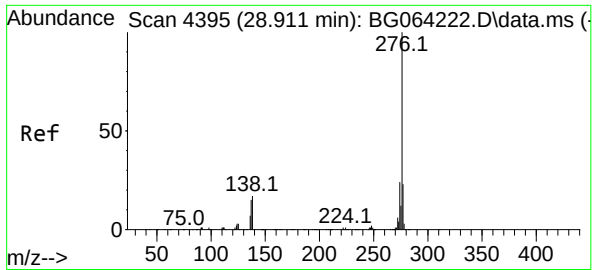
Tgt Ion:252 Resp: 33443  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.2 27.4  
125 11.4 7.0 10.4#



#90  
Benzo(a)pyrene  
Concen: 6.409 ng  
RT: 24.281 min Scan# 3607  
Delta R.T. -0.047 min  
Lab File: BG064437.D  
Acq: 23 Sep 2025 13:18

Tgt Ion:252 Resp: 57298  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.4 26.2  
125 6.5 7.0 10.6#





#92

Benzo(g,h,i)perylene

Concen: 4.970 ng

RT: 28.829 min Scan# 43

Delta R.T. -0.106 min

Lab File: BG064437.D

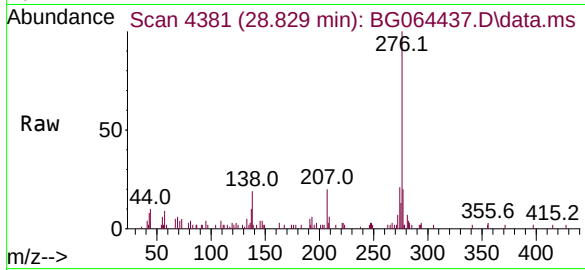
Acq: 23 Sep 2025 13:18

Instrument :

BNA\_G

ClientSampleId :

COMP-1



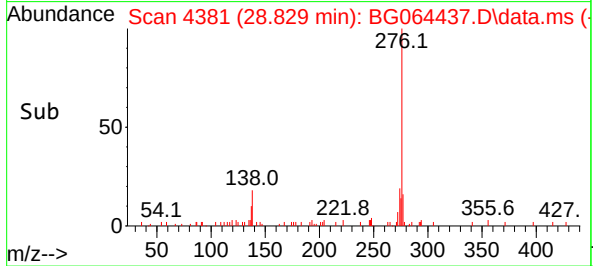
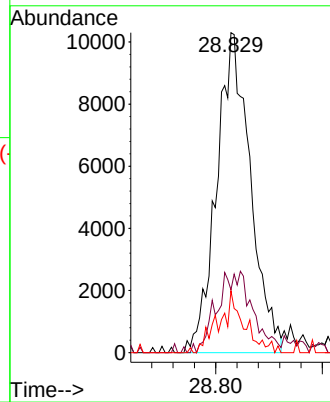
Tgt Ion:276 Resp: 45161

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

|     |     |  |  |
|-----|-----|--|--|
| 276 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 277 | 19.6 | 18.2 | 27.4 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 138 | 19.3 | 13.3 | 19.9 |
|-----|------|------|------|



## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/18/25                     |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25                     |
| Client Sample ID:  | COMP-2                          | SDG No.:        | Q3155                        |
| Lab Sample ID:     | Q3155-02                        | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 91.1                         |
| Sample Wt/Vol:     | 30.03      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :      N               | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064438.D        | 1         | 09/22/25 09:30 | 09/23/25 13:59 | PB169774      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 24.9   | U         | 24.9     | 190        | ug/Kg             |
| 86-73-7                   | Fluorene               | 27.7   | U         | 27.7     | 190        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 530    |           | 22.9     | 190        | ug/Kg             |
| 120-12-7                  | Anthracene             | 110    | J         | 36.5     | 190        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 550    |           | 39.5     | 190        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 340    |           | 25.2     | 190        | ug/Kg             |
| 218-01-9                  | Chrysene               | 320    |           | 21.8     | 190        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 390    |           | 20.8     | 190        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 320    |           | 32.3     | 190        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 170    | J         | 31.9     | 190        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 200    |           | 28.2     | 190        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 67.5   |           | 18 - 107 | 67%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 63.1   |           | 20 - 109 | 63%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 66.7   |           | 10 - 105 | 67%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 22500  |           | 7.842    |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 95200  |           | 10.621   |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 68500  |           | 14.463   |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 153000 |           | 17.201   |            |                   |
| 1719-03-5                 | Chrysene-d12           | 166000 |           | 21.432   |            |                   |
| 1520-96-3                 | Perylene-d12           | 182000 |           | 24.422   |            |                   |

## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/18/25                     |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25                     |
| Client Sample ID:  | COMP-2                          | SDG No.:        | Q3155                        |
| Lab Sample ID:     | Q3155-02                        | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 91.1                         |
| Sample Wt/Vol:     | 30.03      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :    N                 | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064438.D        | 1         | 09/22/25 09:30 | 09/23/25 13:59 | PB169774      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064438.D  
 Acq On : 23 Sep 2025 13:59  
 Operator : RC/JU  
 Sample : Q3155-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-2

Quant Time: Sep 23 14:36:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

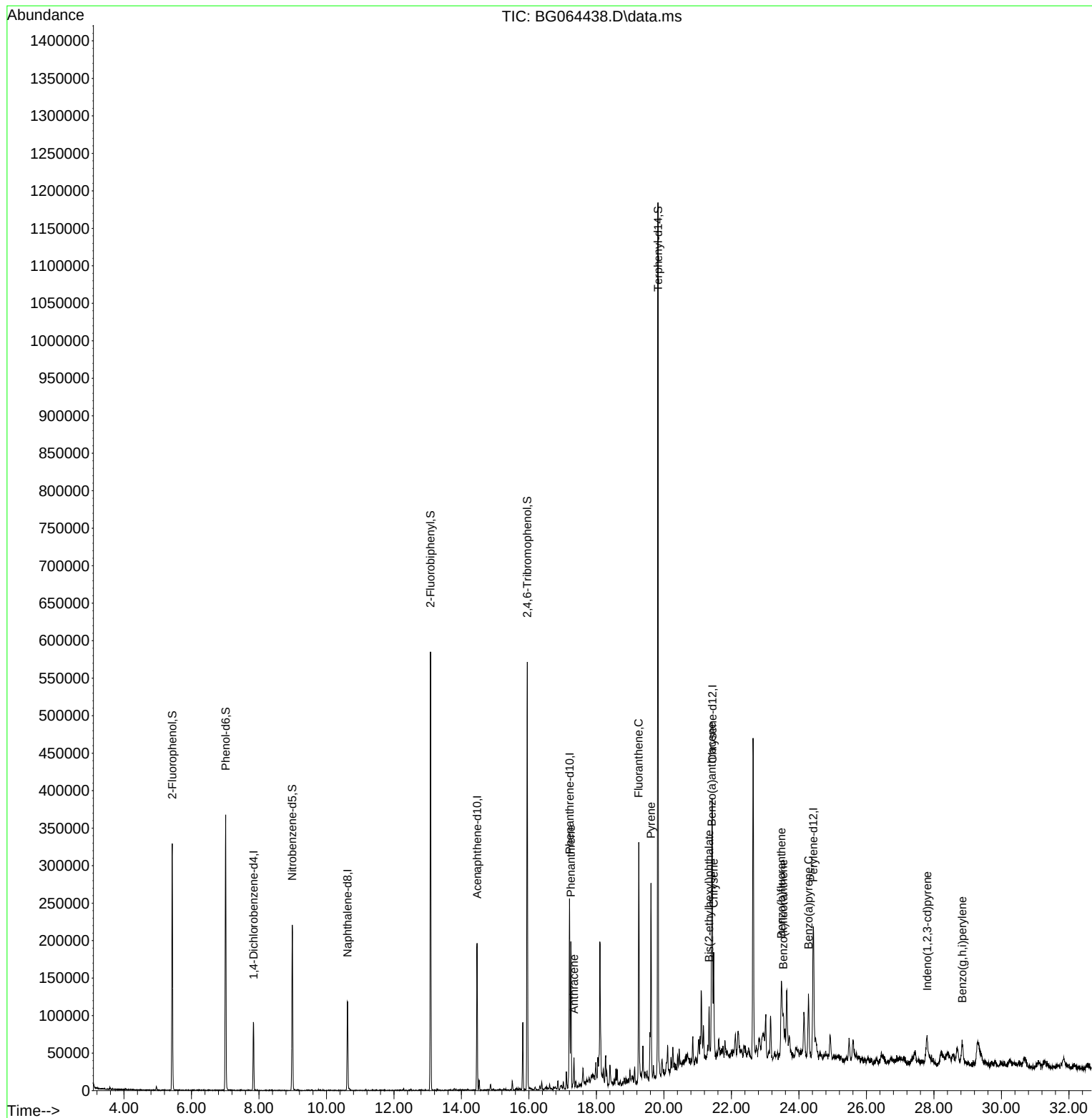
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.842  | 152  | 22529    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.621 | 136  | 95164    | 20.000  | ng    | #-0.03   |
| 39) Acenaphthene-d10          | 14.463 | 164  | 68543    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.201 | 188  | 152982   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12              | 21.432 | 240  | 165680   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 24.422 | 264  | 182154   | 20.000  | ng    | -0.04    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.433  | 112  | 120183   | 95.708  | ng    | -0.01    |
| 7) Phenol-d6                  | 7.013  | 99   | 159400   | 92.397  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 8.987  | 82   | 115178   | 67.499  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 15.950 | 330  | 104767   | 115.397 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.082 | 172  | 283264   | 63.079  | ng    | -0.03    |
| 79) Terphenyl-d14             | 19.822 | 244  | 529910   | 66.730  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene              | 17.242 | 178  | 116132   | 14.393  | ng    | 98       |
| 72) Anthracene                | 17.336 | 178  | 25022    | 3.049   | ng    | 97       |
| 75) Fluoranthene              | 19.252 | 202  | 186285   | 19.635  | ng    | 97       |
| 78) Pyrene                    | 19.616 | 202  | 158198   | 15.156  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.414 | 228  | 99007    | 9.341   | ng    | 97       |
| 83) Chrysene                  | 21.473 | 228  | 90450    | 8.889   | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 24165    | 4.088   | ng    | 92       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.795 | 276  | 56820    | 4.568   | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 23.476 | 252  | 110608   | 10.759  | ng    | # 94     |
| 89) Benzo(k)fluoranthene      | 23.535 | 252  | 48261m   | 4.608   | ng    |          |
| 90) Benzo(a)pyrene            | 24.281 | 252  | 82598    | 8.637   | ng    | 93       |
| 92) Benzo(g,h,i)perylene      | 28.840 | 276  | 53436    | 5.498   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

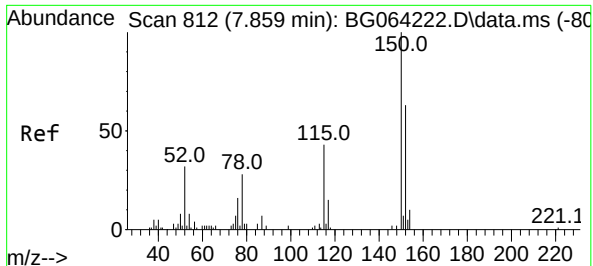
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
Data File : BG064438.D  
Acq On : 23 Sep 2025 13:59  
Operator : RC/JU  
Sample : Q3155-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

Quant Time: Sep 23 14:36:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration

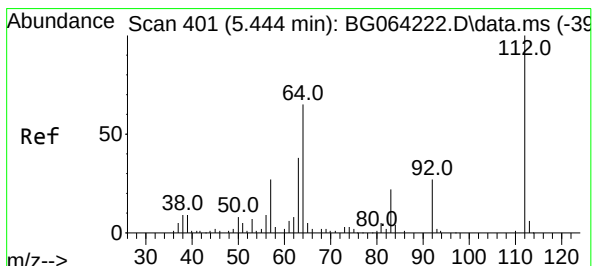
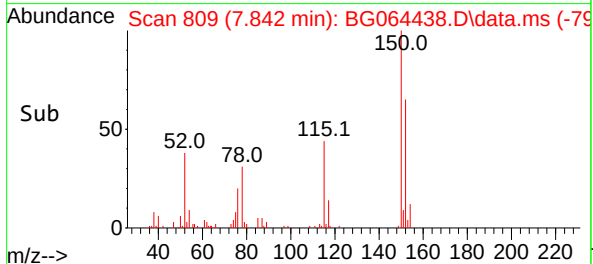
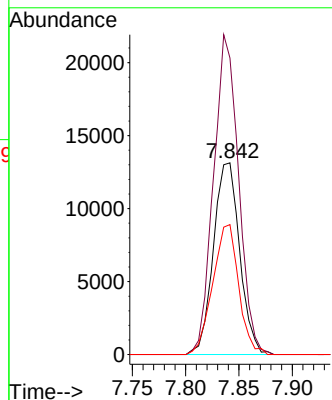
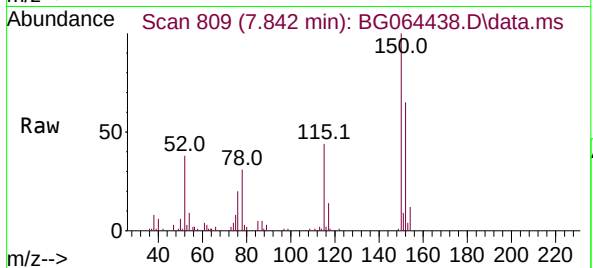




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.842 min Scan# 809  
Delta R.T. -0.017 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

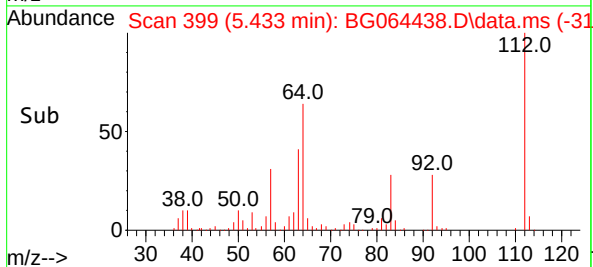
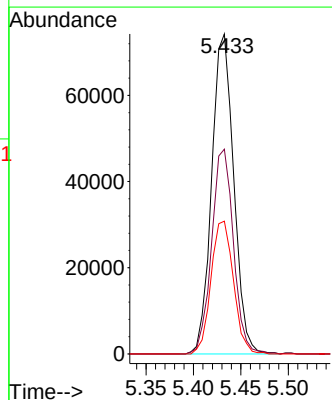
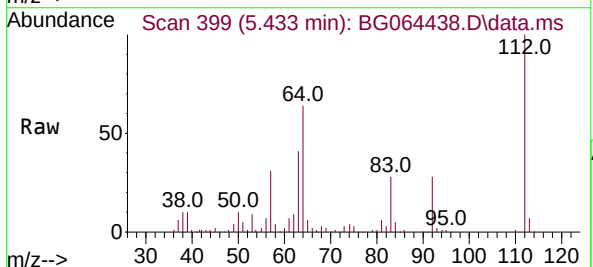
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

Tgt Ion:152 Resp: 22529  
Ion Ratio Lower Upper  
152 100  
150 154.6 128.0 192.0  
115 67.8 55.7 83.5

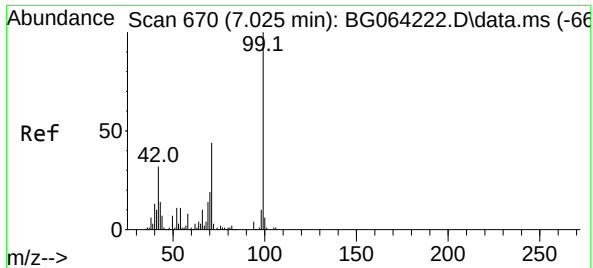


#5  
2-Fluorophenol  
Concen: 95.708 ng  
RT: 5.433 min Scan# 399  
Delta R.T. -0.012 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

Tgt Ion:112 Resp: 120183  
Ion Ratio Lower Upper  
112 100  
64 64.0 51.8 77.6  
63 41.5 30.6 45.8



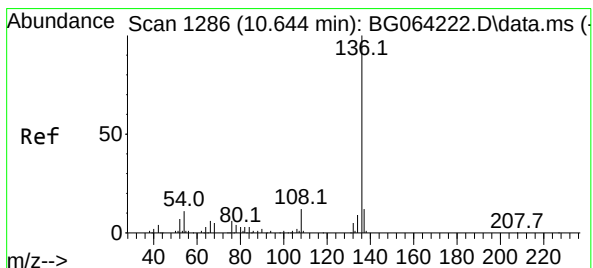
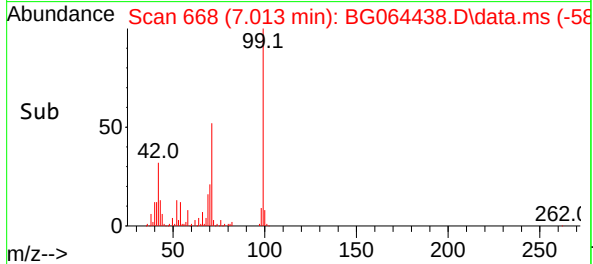
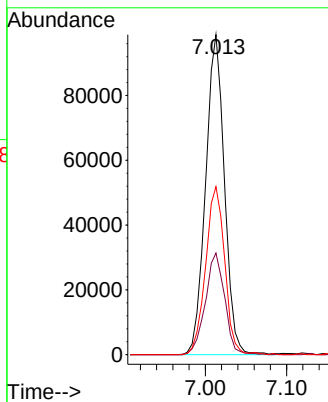
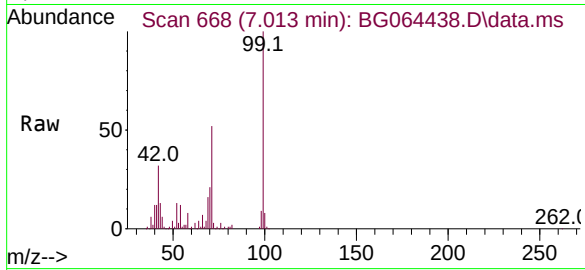




#7  
Phenol-d6  
Concen: 92.397 ng  
RT: 7.013 min Scan# 60  
Delta R.T. -0.018 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

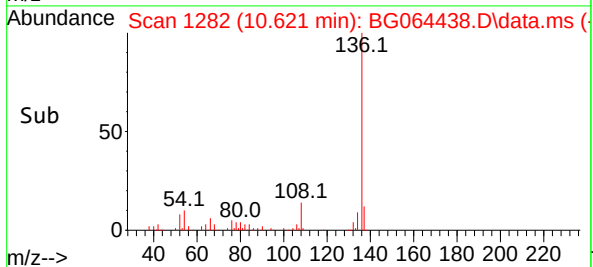
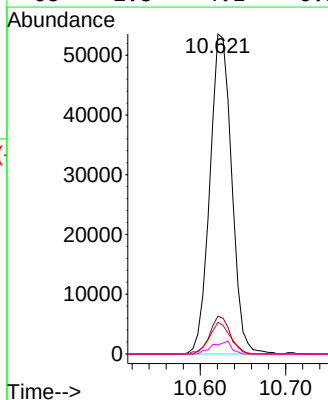
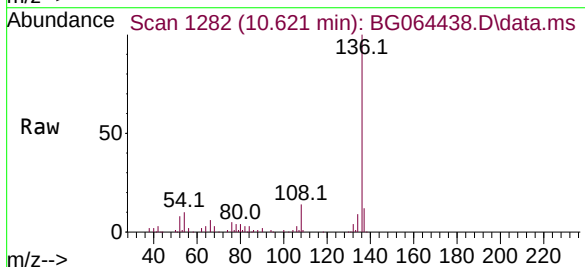
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

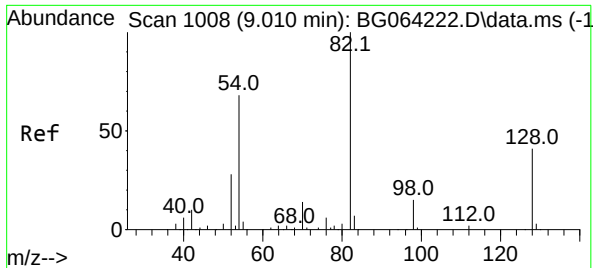
| Tgt Ion: | 99   | Ratio | 100  | Lower | Upper |
|----------|------|-------|------|-------|-------|
| 99       | 100  |       |      |       |       |
| 42       | 31.7 |       | 25.8 | 38.8  |       |
| 71       | 52.5 |       | 35.2 | 52.8  |       |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.621 min Scan# 1282  
Delta R.T. -0.029 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

| Tgt Ion: | 136  | Ratio | 100 | Lower | Upper |
|----------|------|-------|-----|-------|-------|
| 136      | 100  |       |     |       |       |
| 137      | 11.8 |       | 9.6 | 14.4  |       |
| 54       | 9.8  |       | 8.8 | 13.2  |       |
| 68       | 2.8  |       | 4.1 | 6.1   |       |





#23

Nitrobenzene-d5

Concen: 67.499 ng

RT: 8.987 min Scan# 1004

Delta R.T. -0.029 min

Lab File: BG064438.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA\_G

ClientSampleId :

COMP-2

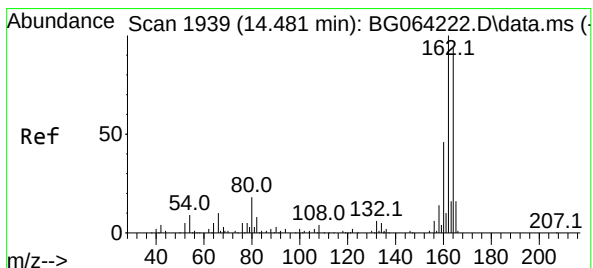
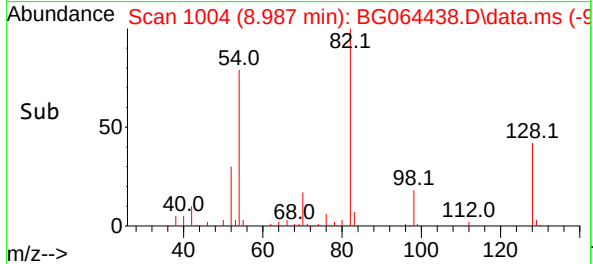
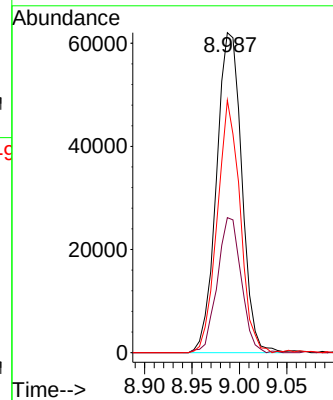
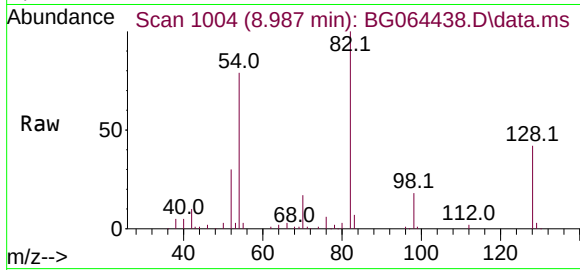
Tgt Ion: 82 Resp: 115178

Ion Ratio Lower Upper

82 100

128 42.2 32.6 48.8

54 78.9 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. -0.018 min

Lab File: BG064438.D

Acq: 23 Sep 2025 13:59

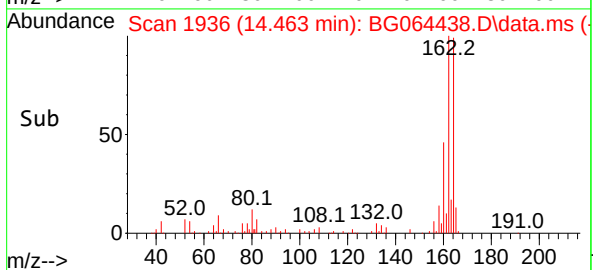
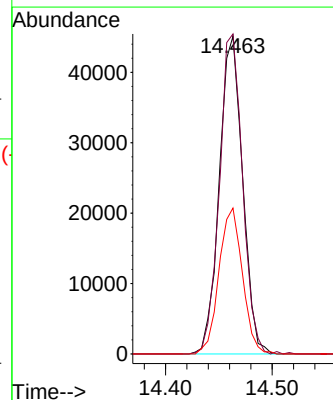
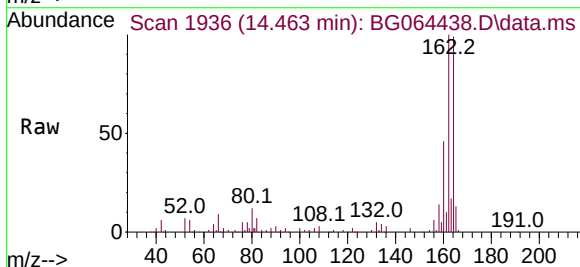
Tgt Ion: 164 Resp: 68543

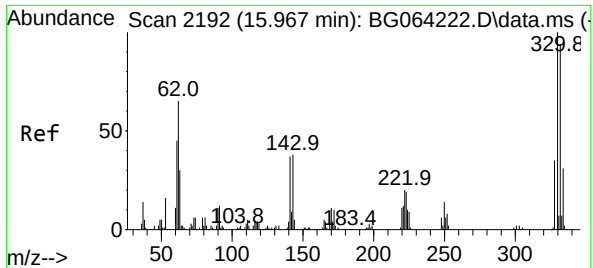
Ion Ratio Lower Upper

164 100

162 100.8 85.4 128.0

160 45.9 39.2 58.8

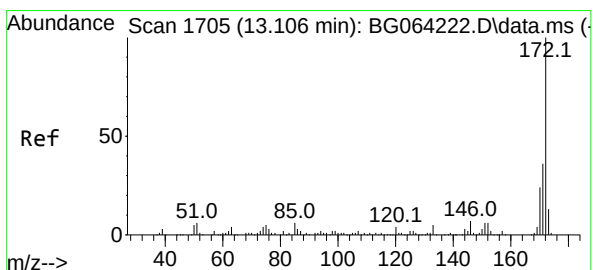
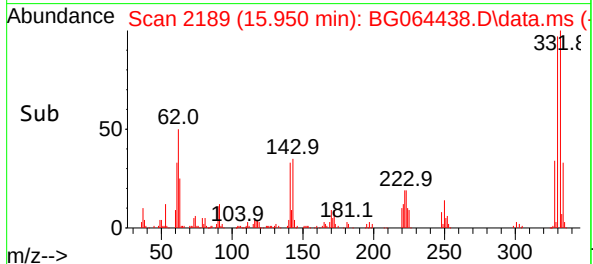
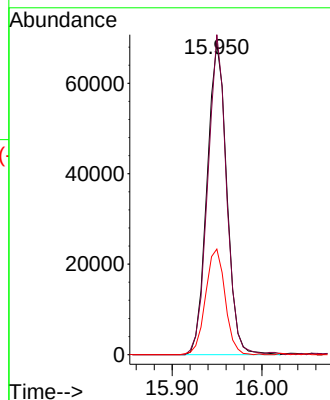
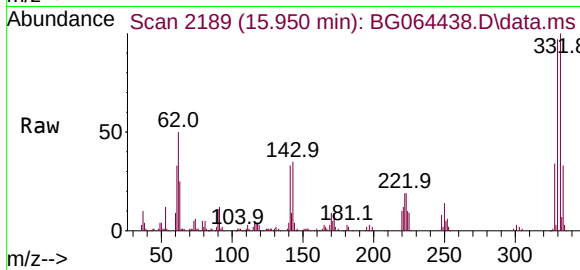




#42  
2,4,6-Tribromophenol  
Concen: 115.397 ng  
RT: 15.950 min Scan# 2192  
Delta R.T. -0.023 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

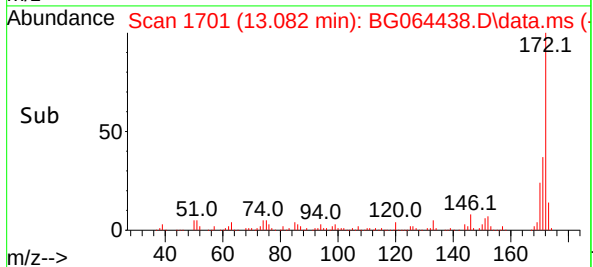
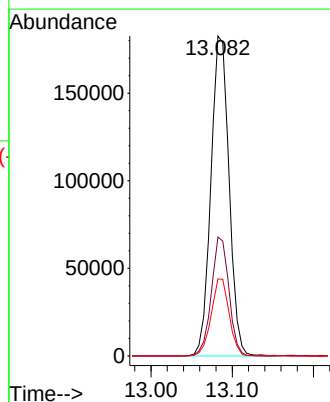
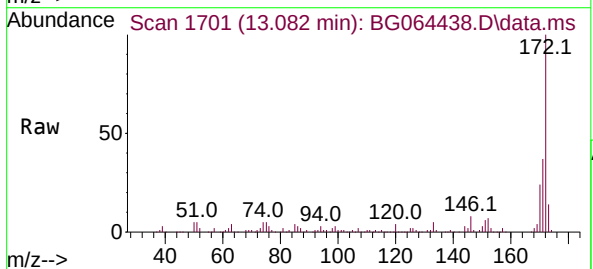
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

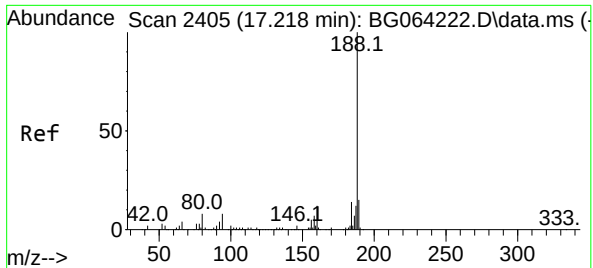
Tgt Ion:330 Resp: 104767  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.6 116.4  
141 33.7 29.8 44.6



#45  
2-Fluorobiphenyl  
Concen: 63.079 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. -0.029 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

Tgt Ion:172 Resp: 283264  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.7 43.1  
170 24.1 19.0 28.6

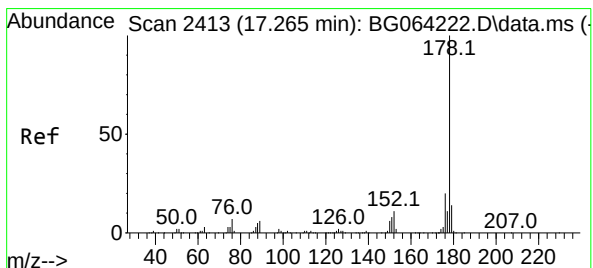
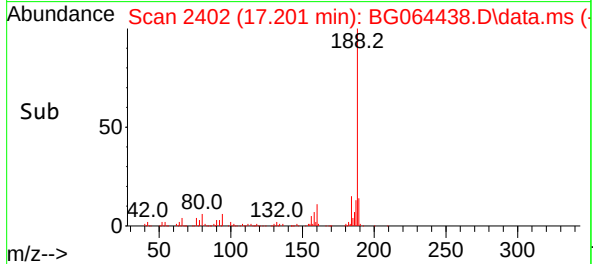
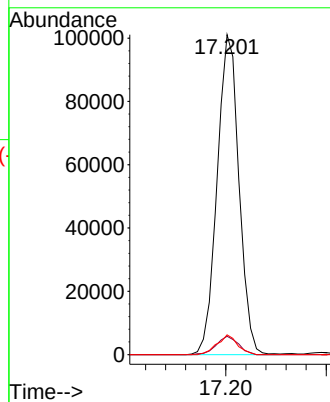
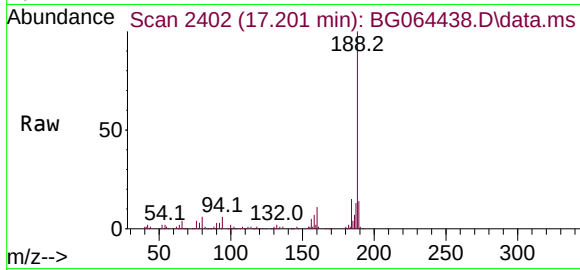




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.201 min Scan# 2400  
Delta R.T. -0.023 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

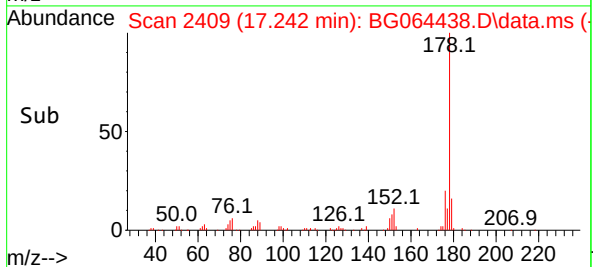
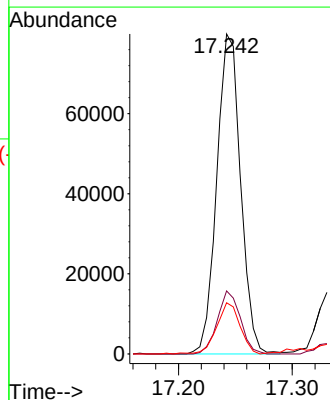
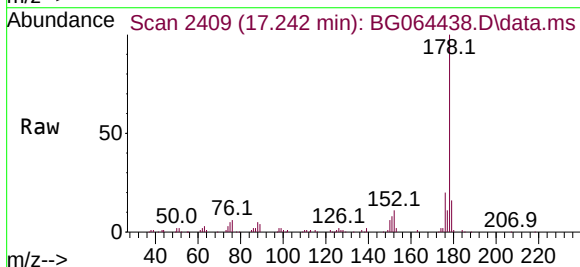
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

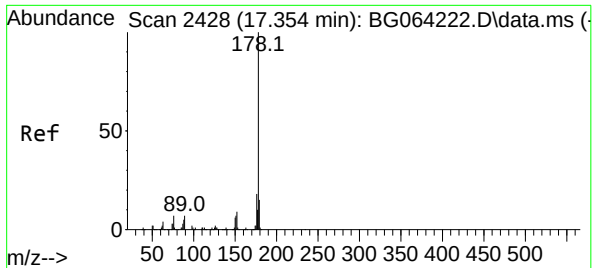
Tgt Ion:188 Resp: 152982  
Ion Ratio Lower Upper  
188 100  
94 5.7 6.2 9.4#  
80 6.2 6.8 10.2#



#71  
Phenanthrene  
Concen: 14.393 ng  
RT: 17.242 min Scan# 2409  
Delta R.T. -0.023 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

Tgt Ion:178 Resp: 116132  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.9 23.9  
179 16.0 11.4 17.2

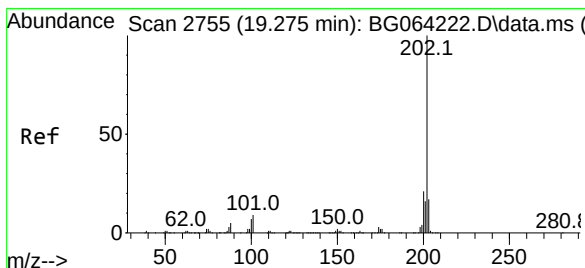
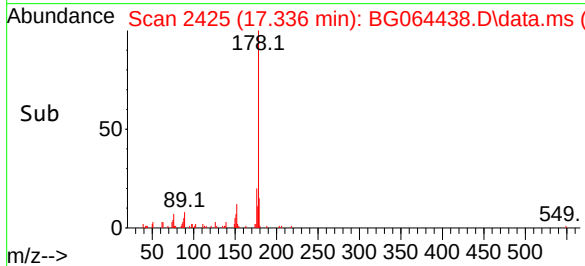
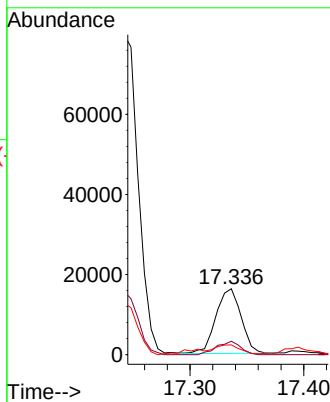
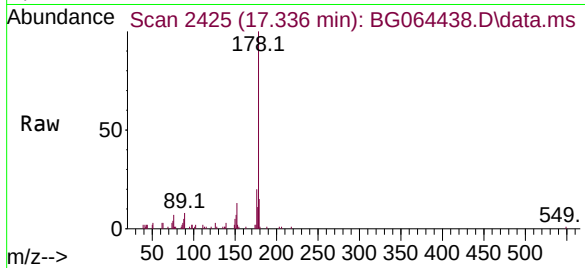




#72  
Anthracene  
Concen: 3.049 ng  
RT: 17.336 min Scan# 2428  
Delta R.T. -0.023 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

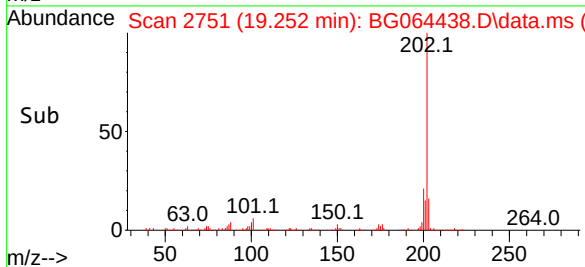
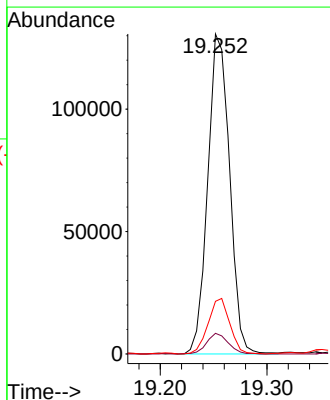
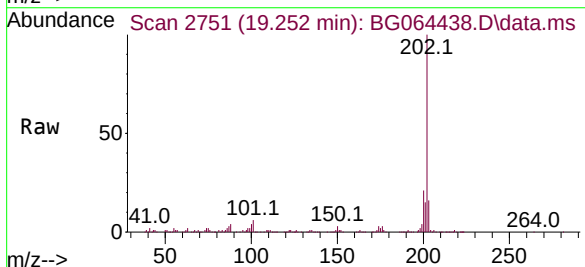
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

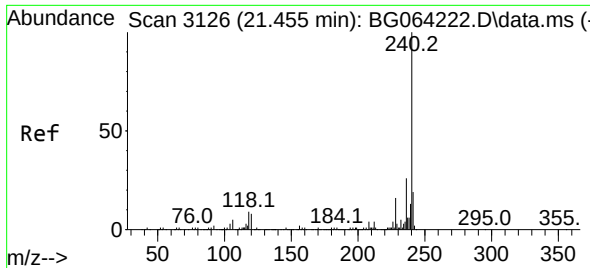
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 14.7  | 22.1  |
| 179     | 14.7  | 12.1  | 18.1  |



#75  
Fluoranthene  
Concen: 19.635 ng  
RT: 19.252 min Scan# 2751  
Delta R.T. -0.023 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.4   | 0.0   | 28.7  |
| 203     | 16.4  | 0.0   | 36.9  |

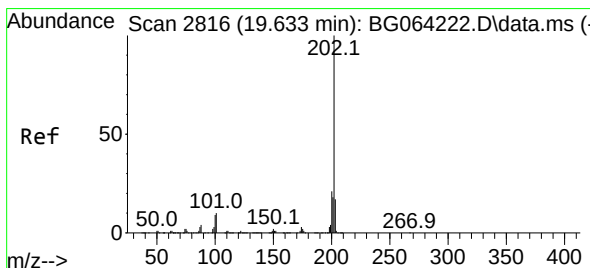
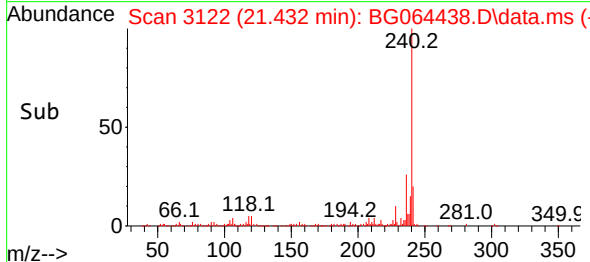
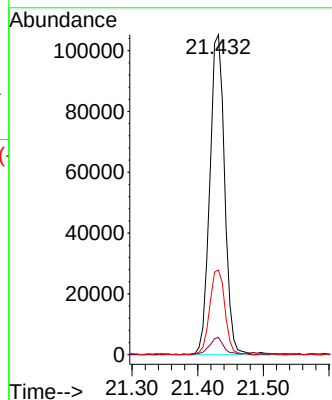
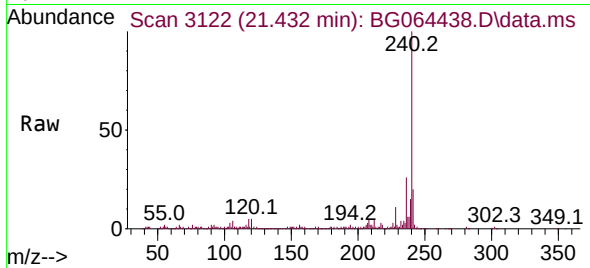




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.432 min Scan# 3122  
Delta R.T. -0.023 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

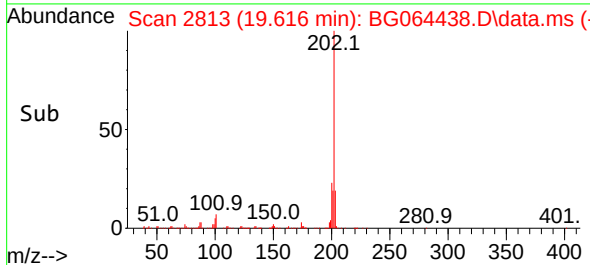
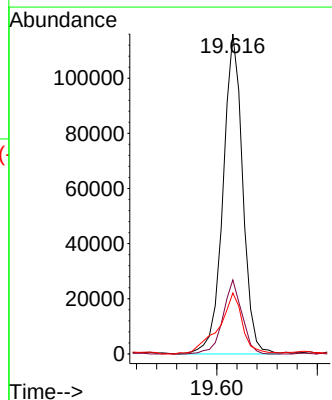
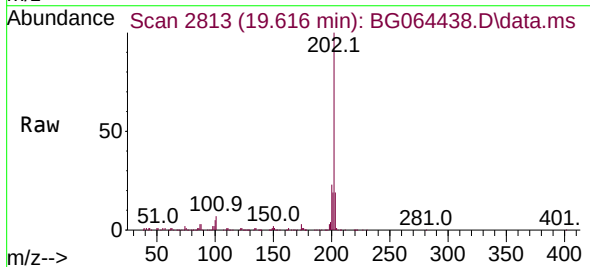
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

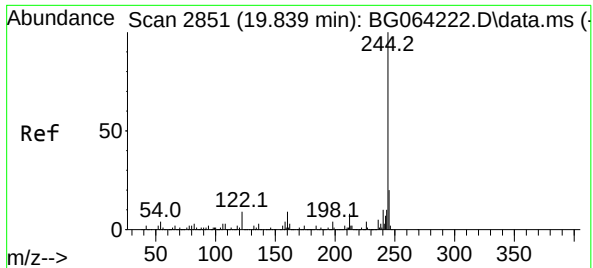
Tgt Ion:240 Resp: 165680  
Ion Ratio Lower Upper  
240 100  
120 5.4 6.2 9.4#  
236 26.4 20.5 30.7



#78  
Pyrene  
Concen: 15.156 ng  
RT: 19.616 min Scan# 2813  
Delta R.T. -0.023 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

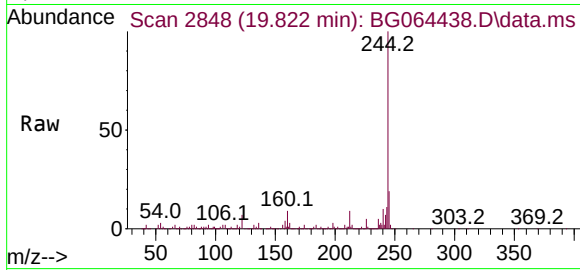
Tgt Ion:202 Resp: 158198  
Ion Ratio Lower Upper  
202 100  
200 23.1 16.9 25.3  
203 19.0 13.8 20.8



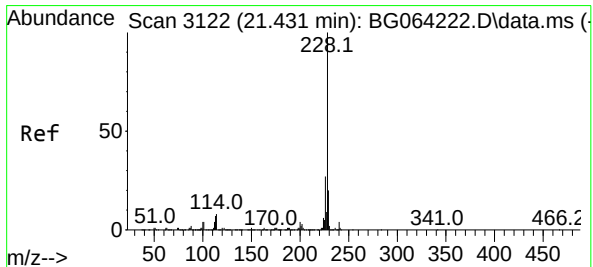
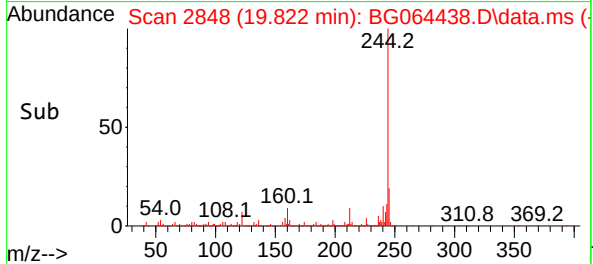
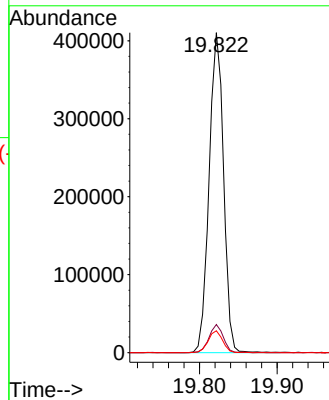


#79  
 Terphenyl-d14  
 Concen: 66.730 ng  
 RT: 19.822 min Scan# 2848  
 Delta R.T. -0.023 min  
 Lab File: BG064438.D  
 Acq: 23 Sep 2025 13:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-2

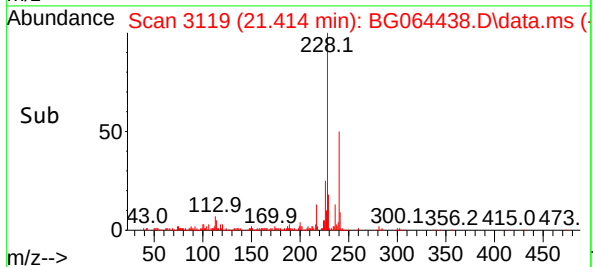
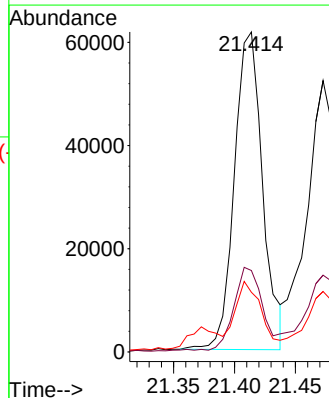
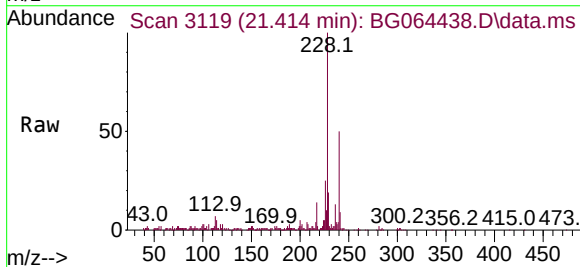


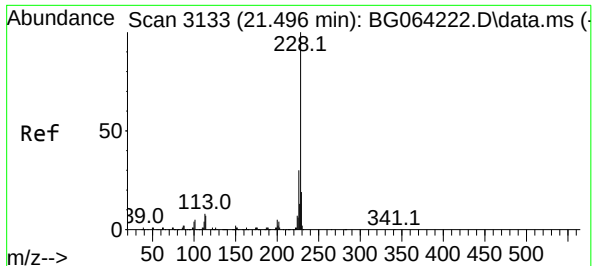
Tgt Ion:244 Resp: 529910  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 6.6 10.0  
 122 6.8 7.0 10.6#



#81  
 Benzo(a)anthracene  
 Concen: 9.341 ng  
 RT: 21.414 min Scan# 3119  
 Delta R.T. -0.023 min  
 Lab File: BG064438.D  
 Acq: 23 Sep 2025 13:59

Tgt Ion:228 Resp: 99007  
 Ion Ratio Lower Upper  
 228 100  
 226 25.4 21.7 32.5  
 229 18.6 15.9 23.9

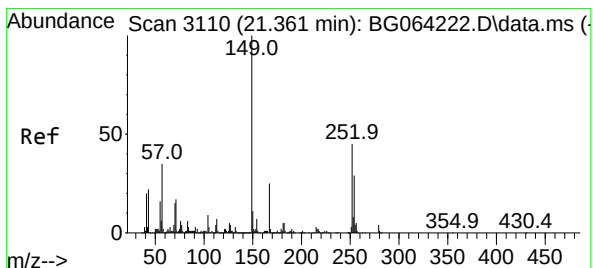
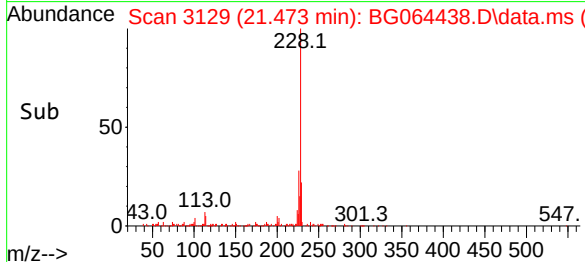
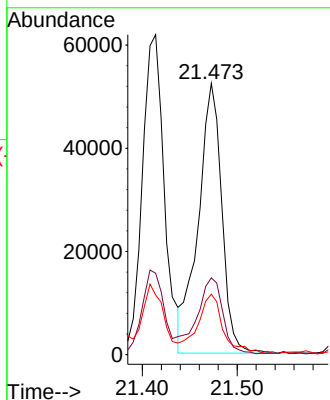
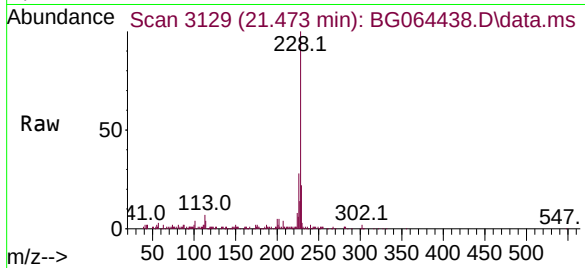




#83  
Chrysene  
Concen: 8.889 ng  
RT: 21.473 min Scan# 31  
Delta R.T. -0.029 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

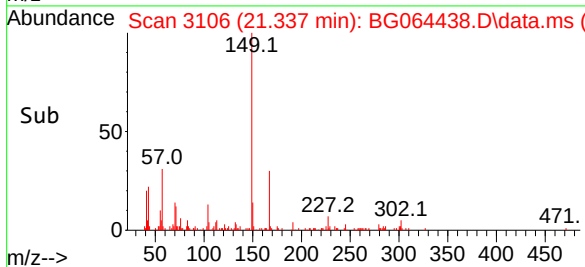
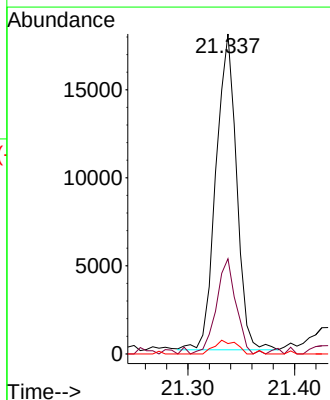
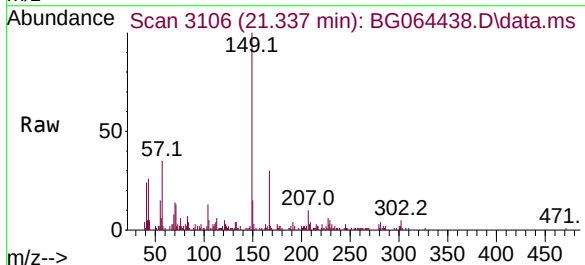
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

| Tgt Ion   | 228   | 226  | 229  |
|-----------|-------|------|------|
| Resp:     | 90450 |      |      |
| Ion Ratio | 100   | 28.3 | 22.3 |
| Lower     |       | 24.2 | 15.4 |
| Upper     |       | 36.2 | 23.2 |

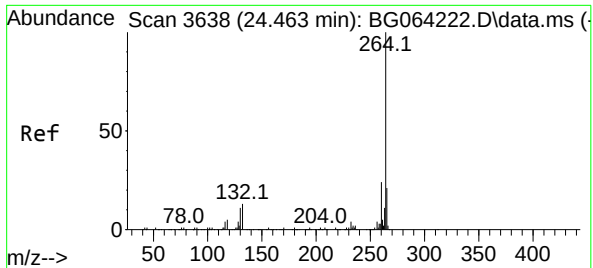


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.088 ng  
RT: 21.337 min Scan# 3106  
Delta R.T. -0.029 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

| Tgt Ion   | 149   | 167  | 279 |
|-----------|-------|------|-----|
| Resp:     | 24165 |      |     |
| Ion Ratio | 100   | 29.7 | 3.2 |
| Lower     |       | 20.0 | 3.0 |
| Upper     |       | 30.0 | 4.4 |



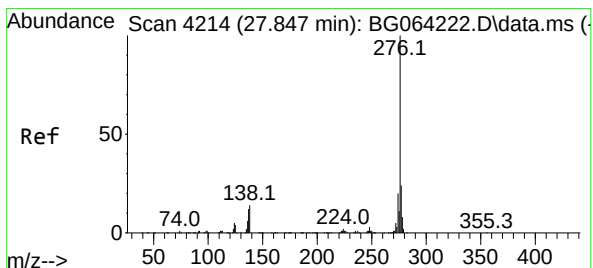
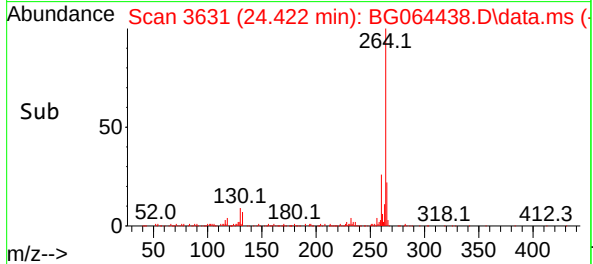
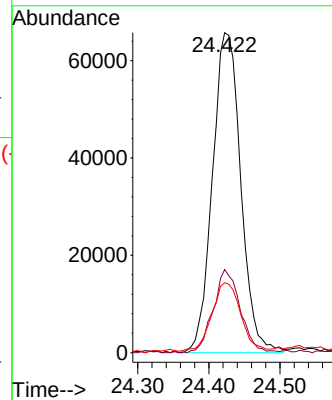
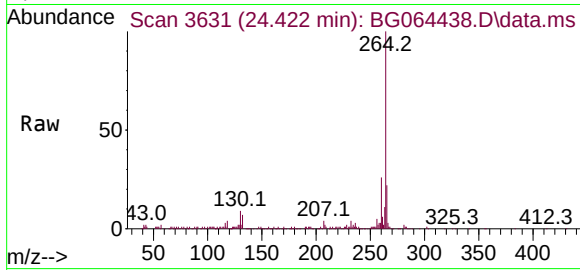




#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.422 min Scan# 3638  
 Delta R.T. -0.041 min  
 Lab File: BG064438.D  
 Acq: 23 Sep 2025 13:59

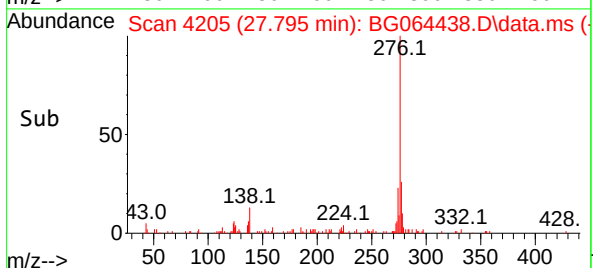
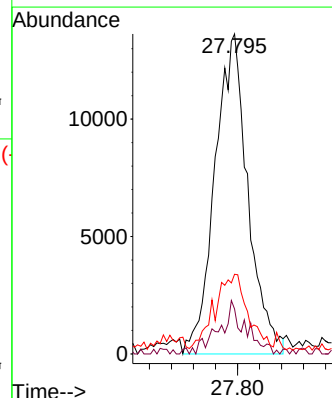
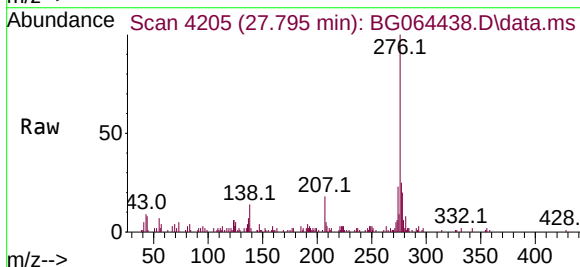
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-2

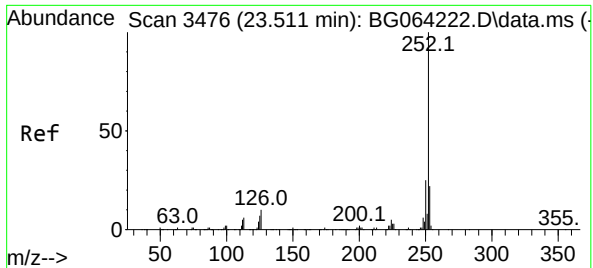
Tgt Ion:264 Resp: 182154  
 Ion Ratio Lower Upper  
 264 100  
 260 26.0 18.9 28.3  
 265 21.8 16.7 25.1



#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.568 ng  
 RT: 27.795 min Scan# 4205  
 Delta R.T. -0.076 min  
 Lab File: BG064438.D  
 Acq: 23 Sep 2025 13:59

Tgt Ion:276 Resp: 56820  
 Ion Ratio Lower Upper  
 276 100  
 138 6.4 7.4 11.0#  
 277 24.8 20.5 30.7

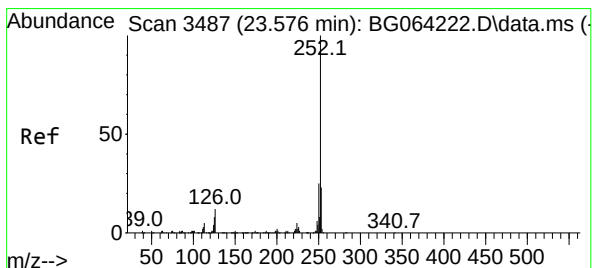
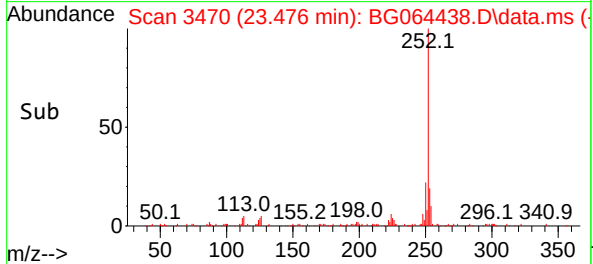
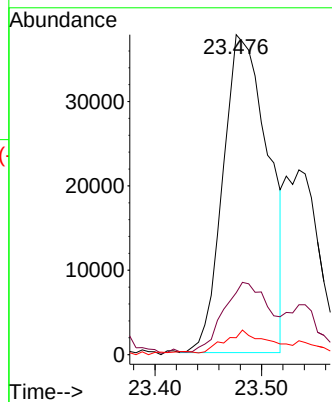
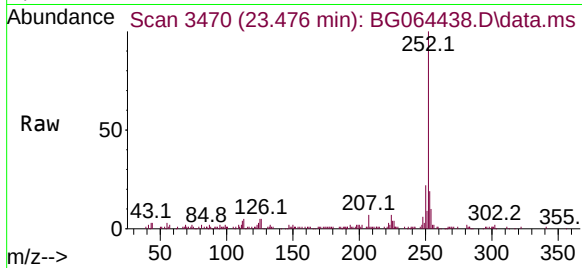




#88  
Benzo(b)fluoranthene  
Concen: 10.759 ng  
RT: 23.476 min Scan# 3476  
Delta R.T. -0.041 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

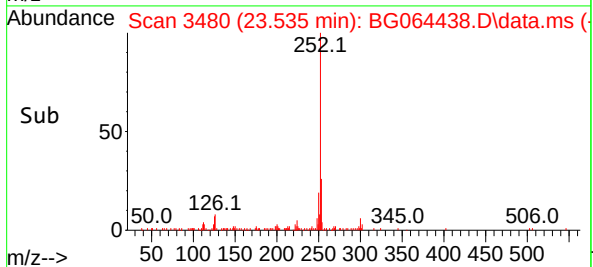
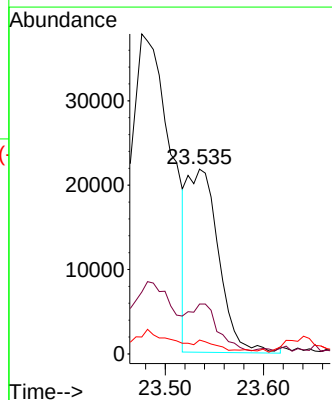
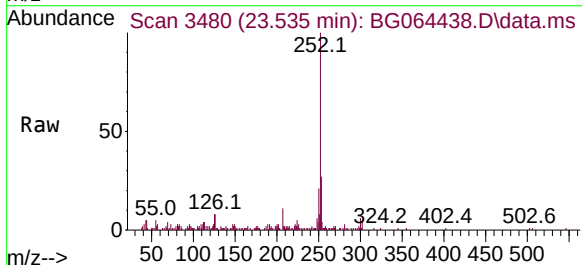
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

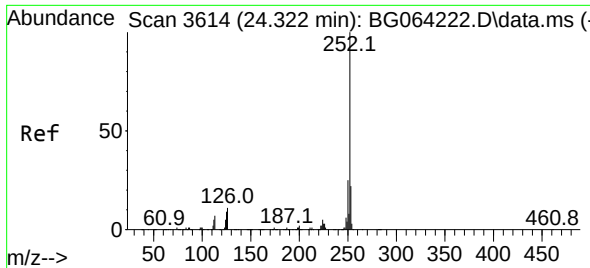
Tgt Ion:252 Resp: 110608  
Ion Ratio Lower Upper  
252 100  
253 19.3 17.5 26.3  
125 5.3 5.9 8.9#



#89  
Benzo(k)fluoranthene  
Concen: 4.608 ng m  
RT: 23.535 min Scan# 3480  
Delta R.T. -0.053 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

Tgt Ion:252 Resp: 48261  
Ion Ratio Lower Upper  
252 100  
253 26.9 18.2 27.4  
125 7.5 7.0 10.4

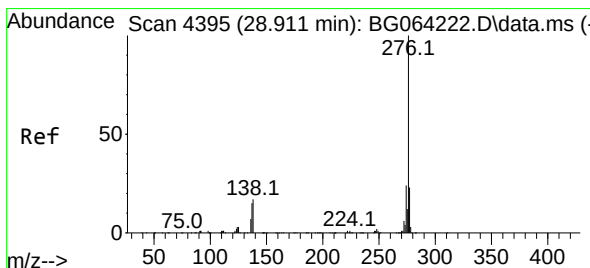
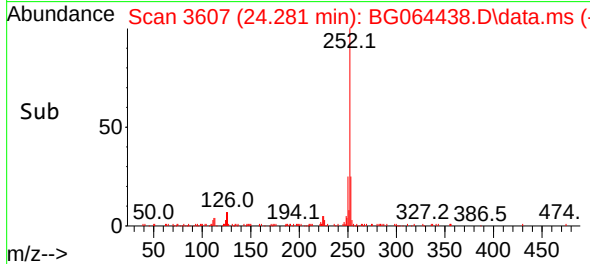
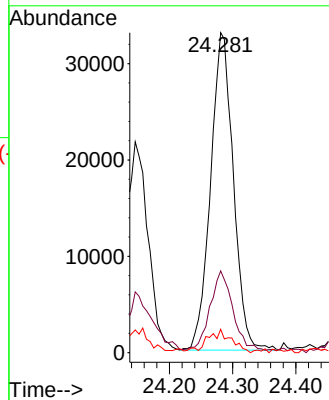
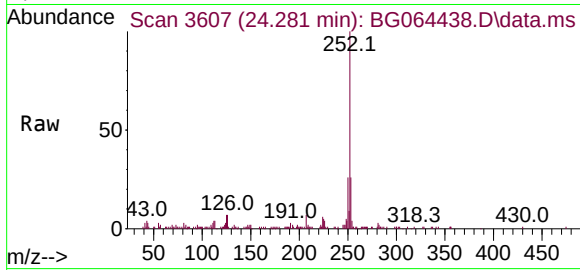




#90  
Benzo(a)pyrene  
Concen: 8.637 ng  
RT: 24.281 min Scan# 3614  
Delta R.T. -0.047 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

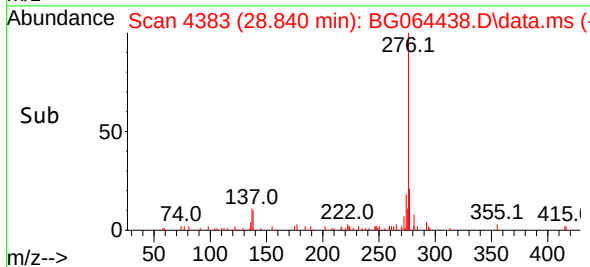
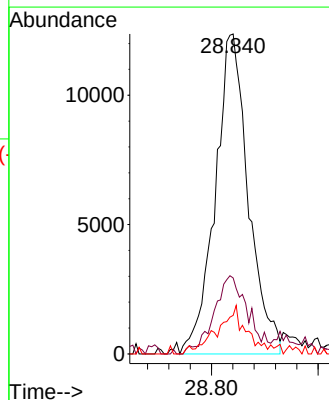
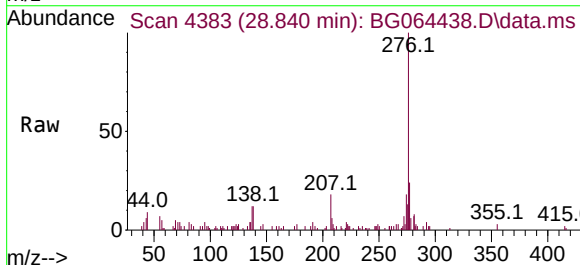
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-2

| Tgt Ion:  | 252   | Resp: | 82598 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 25.5  | 17.4  | 26.2  |
| 125       | 7.3   | 7.0   | 10.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 5.498 ng  
RT: 28.840 min Scan# 4383  
Delta R.T. -0.094 min  
Lab File: BG064438.D  
Acq: 23 Sep 2025 13:59

| Tgt Ion:  | 276   | Resp: | 53436 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 23.7  | 18.2  | 27.4  |
| 138       | 12.0  | 13.3  | 19.9  |



## Report of Analysis

|                    |                                 |                 |               |
|--------------------|---------------------------------|-----------------|---------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/18/25      |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25      |
| Client Sample ID:  | COMP-3                          | SDG No.:        | Q3155         |
| Lab Sample ID:     | Q3155-03                        | Matrix:         | SOIL          |
| Analytical Method: | 8270E                           | % Solid:        | 91.8          |
| Sample Wt/Vol:     | 30.06      Units: g             | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N                    | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541                          |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064439.D        | 1         | 09/22/25 09:30 | 09/23/25 14:40 | PB169774      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 90.5   | J         | 24.7     | 180        | ug/Kg             |
| 86-73-7                   | Fluorene               | 160    | J         | 27.5     | 180        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 2100   |           | 22.7     | 180        | ug/Kg             |
| 120-12-7                  | Anthracene             | 370    |           | 36.2     | 180        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 1900   |           | 39.1     | 180        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 1200   |           | 25.0     | 180        | ug/Kg             |
| 218-01-9                  | Chrysene               | 1100   |           | 21.6     | 180        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 1500   |           | 20.7     | 180        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 1100   |           | 32.1     | 180        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 610    |           | 31.6     | 180        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 730    |           | 27.9     | 180        | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 62.8   |           | 18 - 107 | 63%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 61.3   |           | 20 - 109 | 61%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 63.7   |           | 10 - 105 | 64%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 22500  | 7.837     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 93800  | 10.628    |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 66500  | 14.464    |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 149000 | 17.202    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 165000 | 21.433    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 183000 | 24.435    |          |            |                   |

## Report of Analysis

|                    |                                 |                 |                      |
|--------------------|---------------------------------|-----------------|----------------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/18/25             |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25             |
| Client Sample ID:  | COMP-3                          | SDG No.:        | Q3155                |
| Lab Sample ID:     | Q3155-03                        | Matrix:         | SOIL                 |
| Analytical Method: | 8270E                           | % Solid:        | 91.8                 |
| Sample Wt/Vol:     | 30.06                           | Units:          | g                    |
| Soil Aliquot Vol:  |                                 | Final Vol:      | 1000 uL              |
| Extraction Type :  |                                 | Test:           | SVOCMS Group1        |
|                    | Decanted :                      | Level :         | LOW                  |
| Injection Volume : | GPC Factor :                    | 1.0             | GPC Cleanup : N PH : |
| Prep Method :      | SW3541                          |                 |                      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064439.D        | 1         | 09/22/25 09:30 | 09/23/25 14:40 | PB169774      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064439.D  
 Acq On : 23 Sep 2025 14:40  
 Operator : RC/JU  
 Sample : Q3155-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3

Quant Time: Sep 23 15:22:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

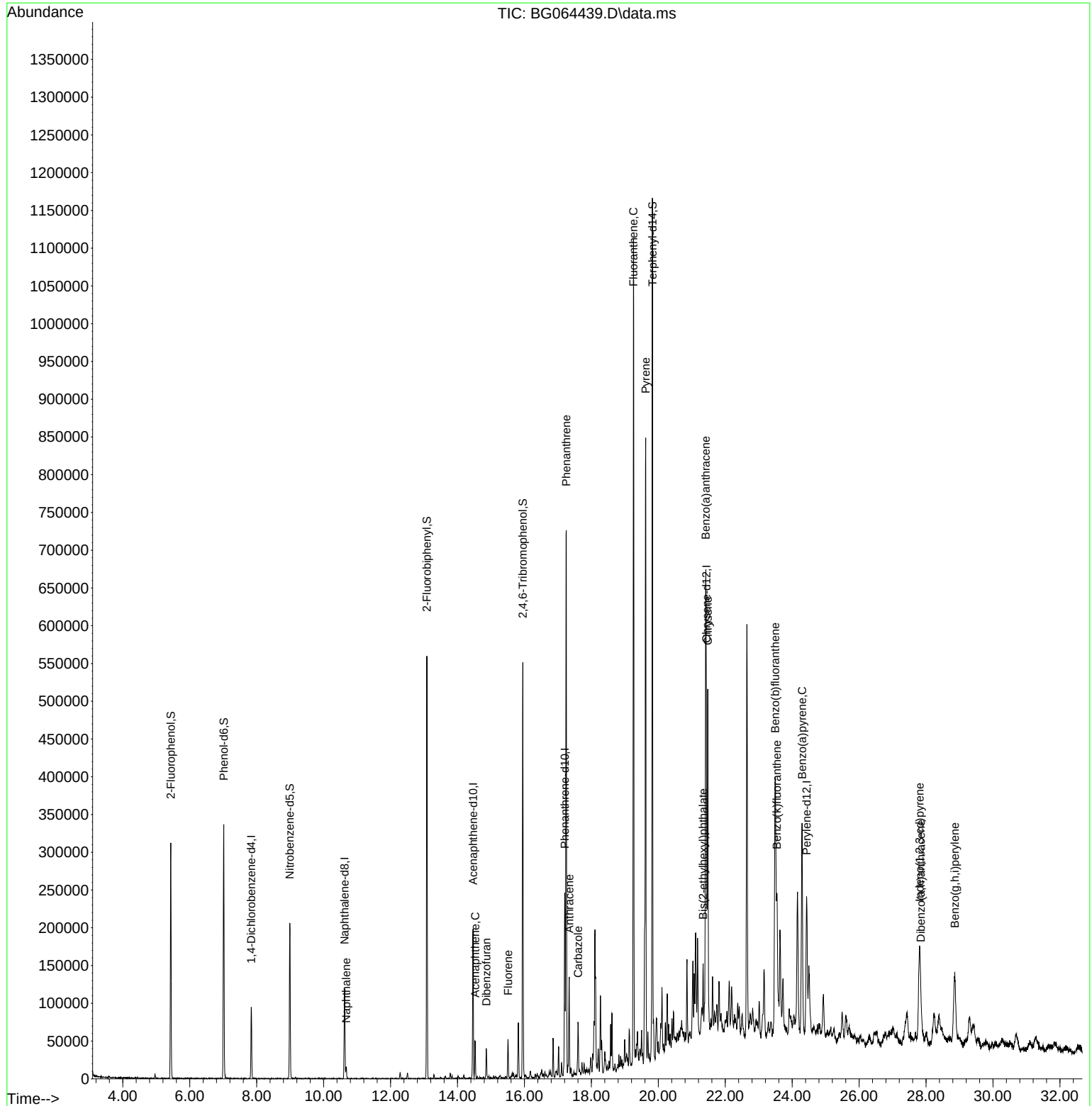
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.837  | 152  | 22469    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.628 | 136  | 93751    | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.464 | 164  | 66454    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.202 | 188  | 149111   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12              | 21.433 | 240  | 164886   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 24.435 | 264  | 182770   | 20.000  | ng    | -0.03    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 111264   | 88.842  | ng    | -0.01    |
| 7) Phenol-d6                  | 7.014  | 99   | 151372   | 87.978  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 8.988  | 82   | 105583   | 62.809  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 99758    | 113.334 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.084 | 172  | 266880   | 61.298  | ng    | -0.03    |
| 79) Terphenyl-d14             | 19.823 | 244  | 503300   | 63.684  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 31) Naphthalene               | 10.675 | 128  | 12133    | 2.496   | ng    | # 94     |
| 52) Acenaphthene              | 14.529 | 154  | 18169    | 4.786   | ng    | 94       |
| 55) Dibenzofuran              | 14.864 | 168  | 22366    | 3.746   | ng    | # 94     |
| 58) Fluorene                  | 15.510 | 166  | 21955    | 4.486   | ng    | # 90     |
| 71) Phenanthrene              | 17.249 | 178  | 449425   | 57.145  | ng    | 99       |
| 72) Anthracene                | 17.337 | 178  | 82731    | 10.341  | ng    | 97       |
| 73) Carbazole                 | 17.602 | 167  | 42406    | 6.017   | ng    | 97       |
| 75) Fluoranthene              | 19.259 | 202  | 682109   | 73.763  | ng    | 97       |
| 78) Pyrene                    | 19.623 | 202  | 546964   | 52.653  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.415 | 228  | 337337   | 31.979  | ng    | 100      |
| 83) Chrysene                  | 21.480 | 228  | 296447   | 29.273  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 31666    | 5.383   | ng    | # 98     |
| 87) Indeno(1,2,3-cd)pyrene    | 27.807 | 276  | 209463   | 16.782  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.495 | 252  | 418863   | 40.606  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.542 | 252  | 148953m  | 14.174  | ng    |          |
| 90) Benzo(a)pyrene            | 24.294 | 252  | 292453m  | 30.478  | ng    |          |
| 91) Dibenzo(a,h)anthracene    | 27.843 | 278  | 50917    | 5.081   | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.859 | 276  | 195241   | 20.021  | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

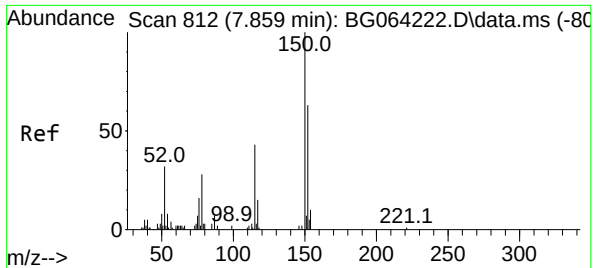
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
Data File : BG064439.D  
Acq On : 23 Sep 2025 14:40  
Operator : RC/JU  
Sample : Q3155-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

Quant Time: Sep 23 15:22:32 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration

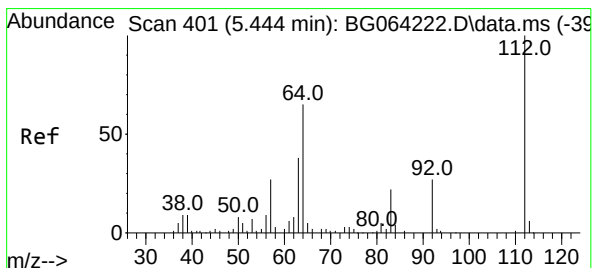
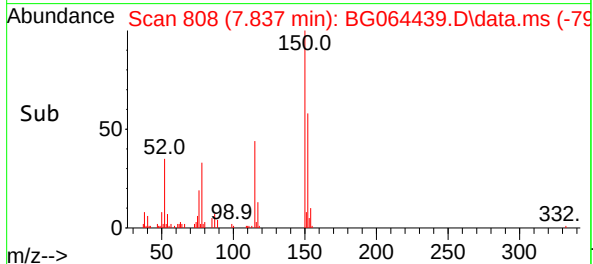
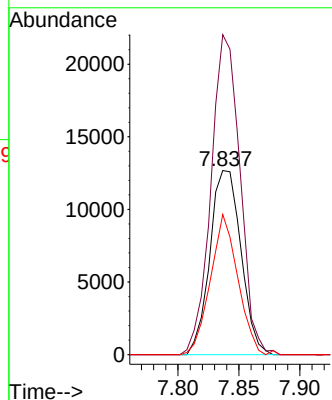
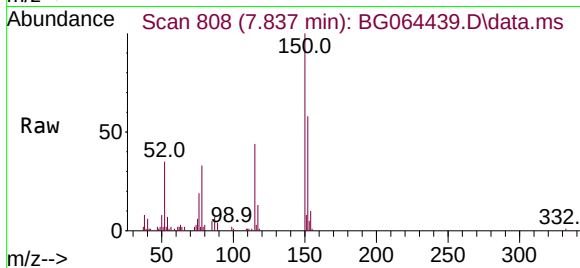




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.837 min Scan# 808  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

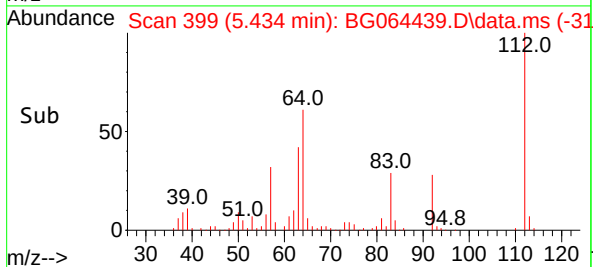
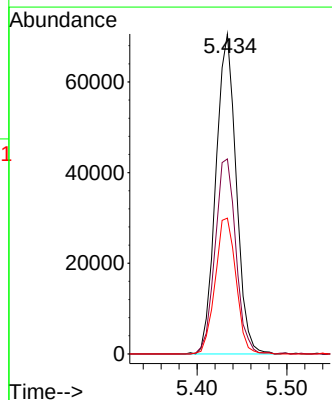
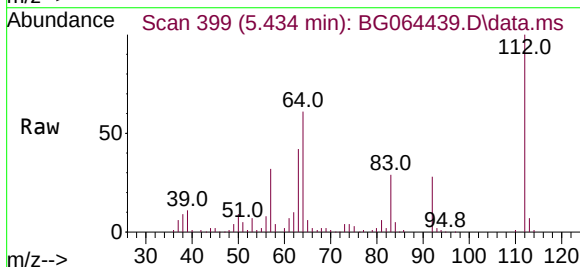
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 173.8 | 128.0 | 192.0 |
| 115     | 76.1  | 55.7  | 83.5  |

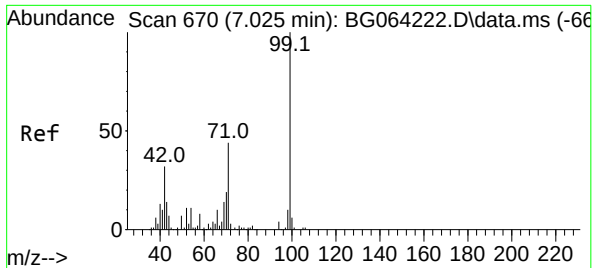


#5  
2-Fluorophenol  
Concen: 88.842 ng  
RT: 5.434 min Scan# 399  
Delta R.T. -0.011 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 60.9  | 51.8  | 77.6  |
| 63      | 42.4  | 30.6  | 45.8  |

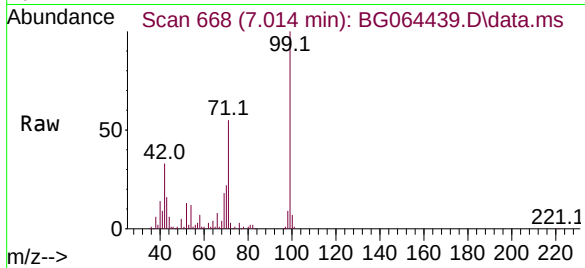




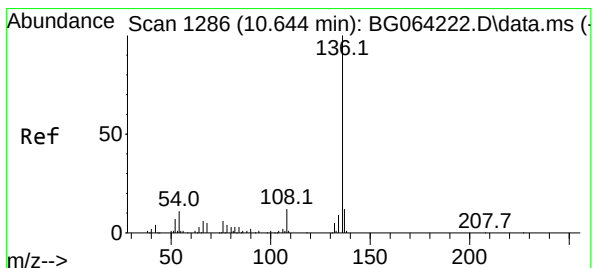
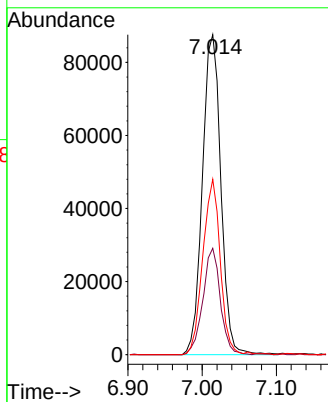
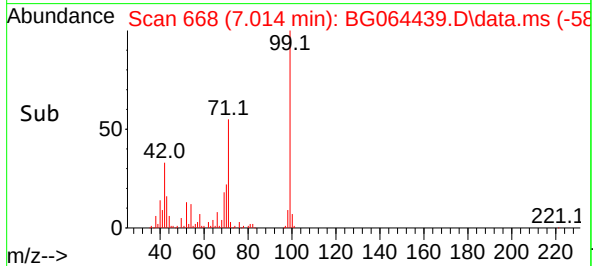


#7  
Phenol-d6  
Concen: 87.978 ng  
RT: 7.014 min Scan# 60  
Delta R.T. -0.016 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

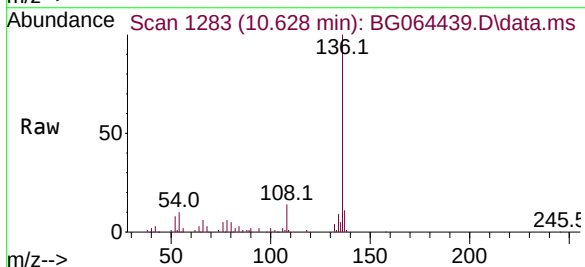
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3



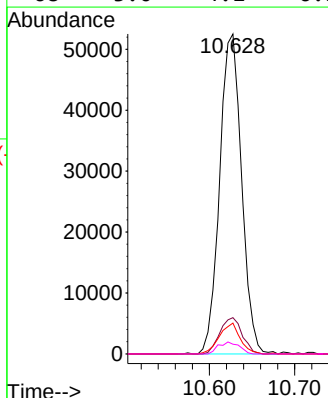
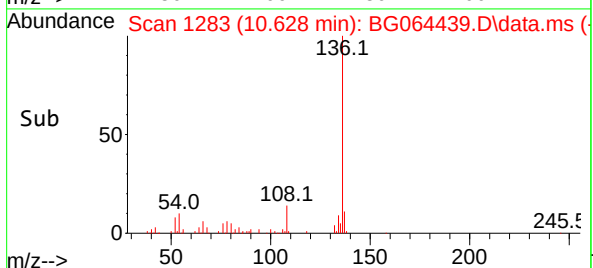
Tgt Ion: 99 Resp: 151372  
Ion Ratio Lower Upper  
99 100  
42 33.2 25.8 38.8  
71 54.8 35.2 52.8#

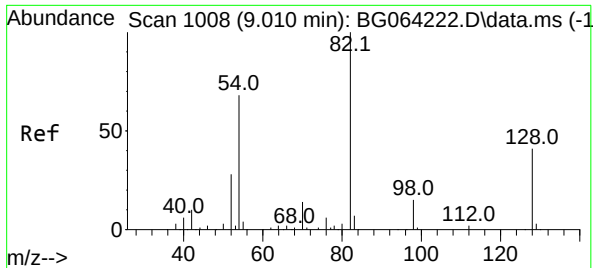


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.628 min Scan# 1283  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40



Tgt Ion: 136 Resp: 93751  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.6 14.4  
54 9.7 8.8 13.2  
68 3.0 4.1 6.1#

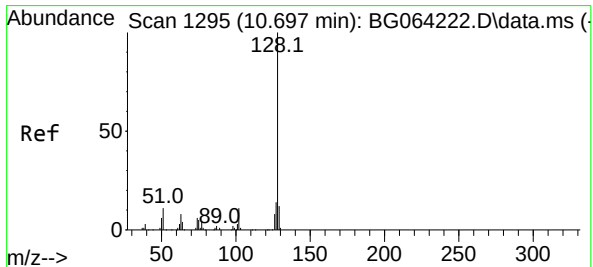
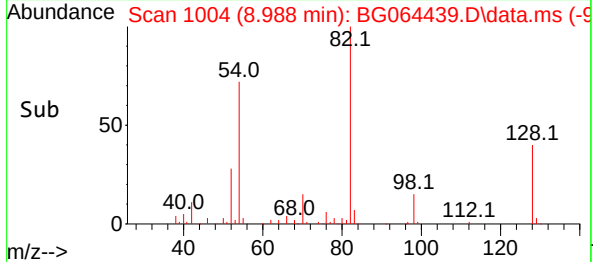
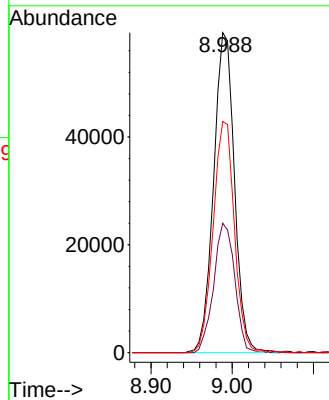
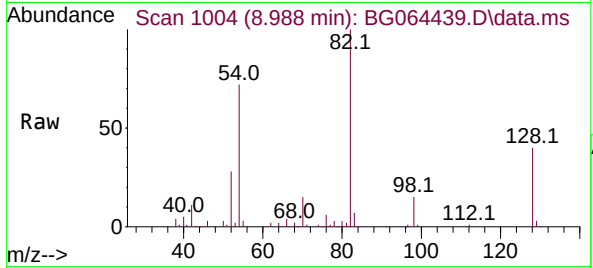




#23  
Nitrobenzene-d5  
Concen: 62.809 ng  
RT: 8.988 min Scan# 1004  
Delta R.T. -0.028 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

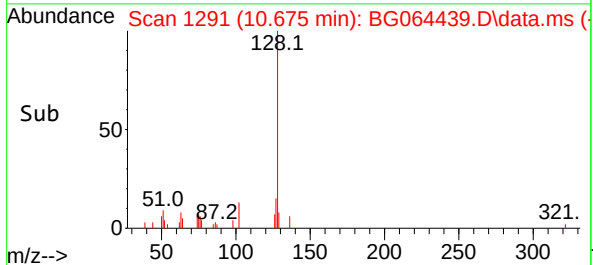
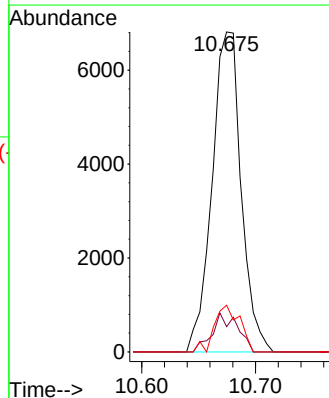
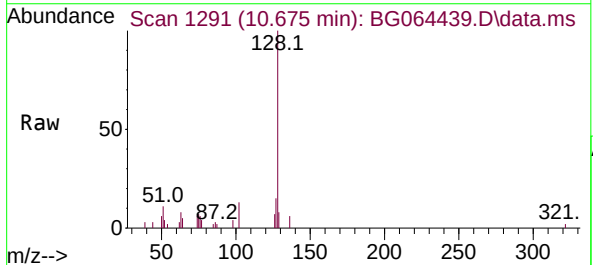
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

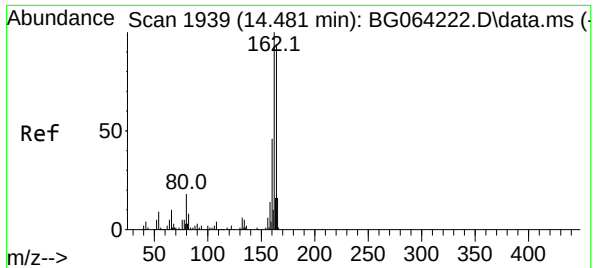
Tgt Ion: 82 Resp: 105583  
Ion Ratio Lower Upper  
82 100  
128 40.4 32.6 48.8  
54 72.2 54.7 82.1



#31  
Naphthalene  
Concen: 2.496 ng  
RT: 10.675 min Scan# 1291  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion: 128 Resp: 12133  
Ion Ratio Lower Upper  
128 100  
129 7.9 9.4 14.2#  
127 14.6 10.9 16.3

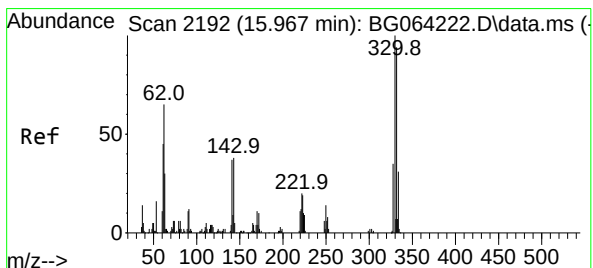
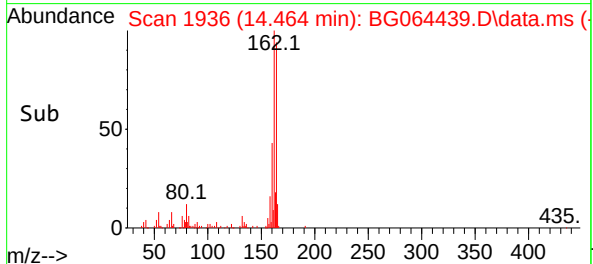
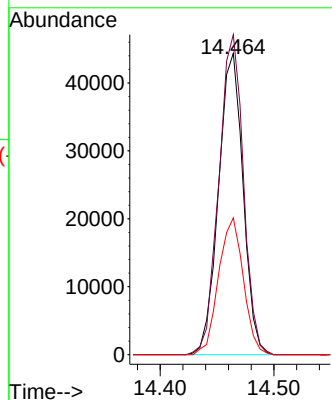
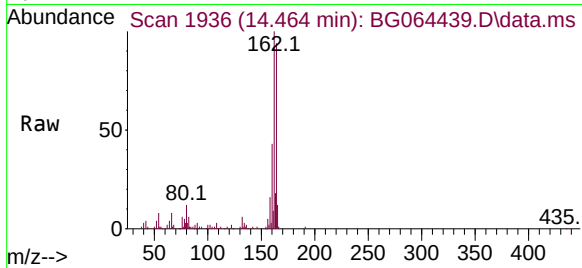




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.464 min Scan# 1939  
Delta R.T. -0.017 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

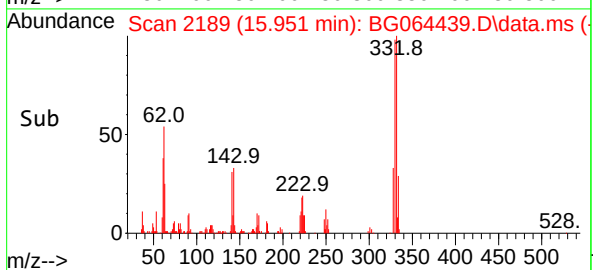
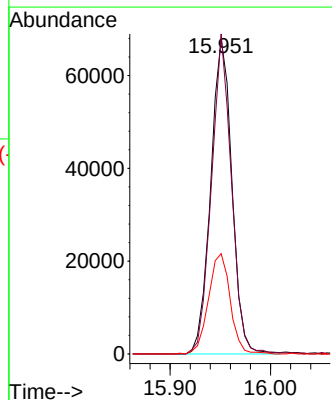
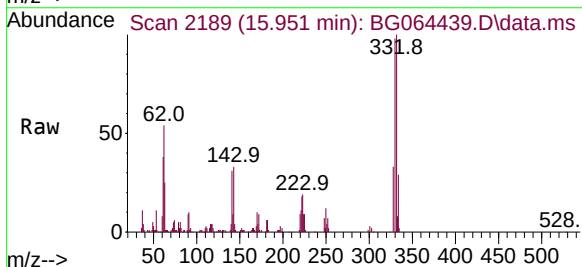
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

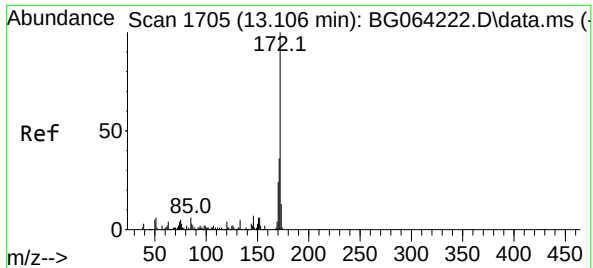
Tgt Ion:164 Resp: 66454  
Ion Ratio Lower Upper  
164 100  
162 106.2 85.4 128.0  
160 45.4 39.2 58.8



#42  
2,4,6-Tribromophenol  
Concen: 113.334 ng  
RT: 15.951 min Scan# 2189  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion:330 Resp: 99758  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.6 116.4  
141 32.6 29.8 44.6

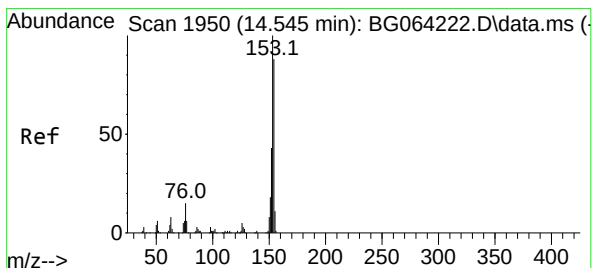
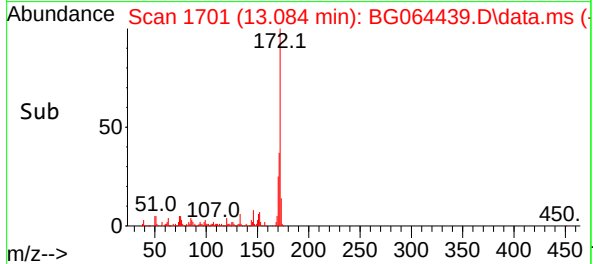
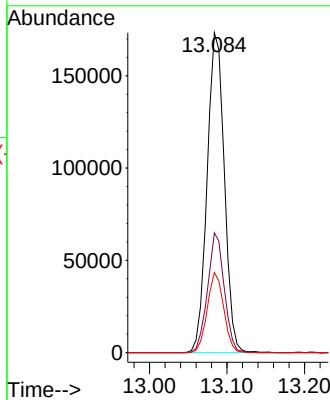
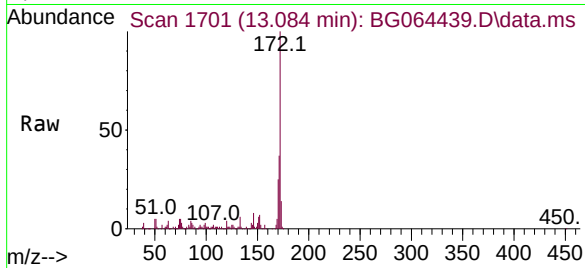




#45  
2-Fluorobiphenyl  
Concen: 61.298 ng  
RT: 13.084 min Scan# 1705  
Delta R.T. -0.028 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

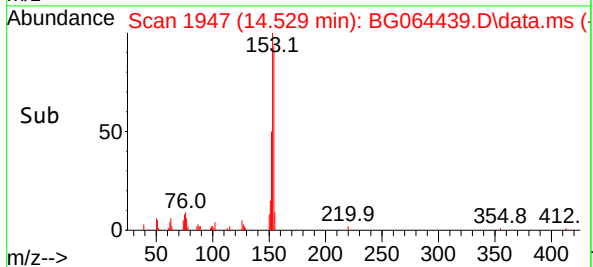
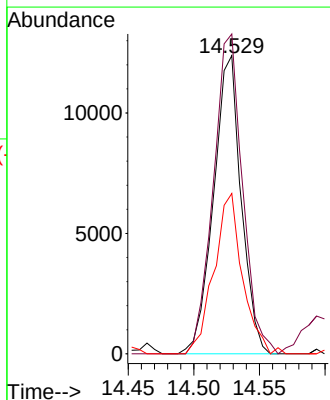
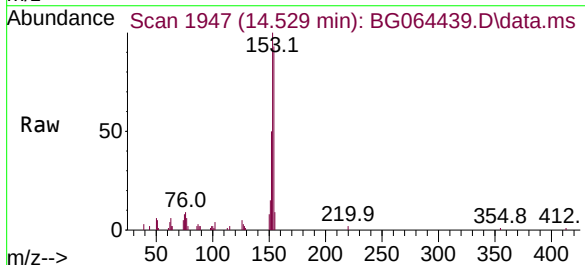
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

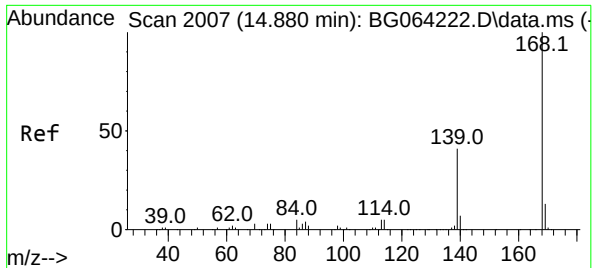
Tgt Ion:172 Resp: 266880  
Ion Ratio Lower Upper  
172 100  
171 37.4 28.7 43.1  
170 25.0 19.0 28.6



#52  
Acenaphthene  
Concen: 4.786 ng  
RT: 14.529 min Scan# 1947  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion:154 Resp: 18169  
Ion Ratio Lower Upper  
154 100  
153 107.3 91.1 136.7  
152 53.8 39.6 59.4

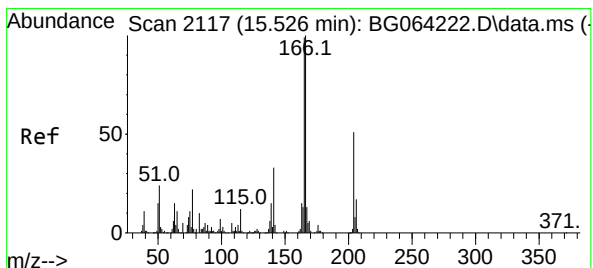
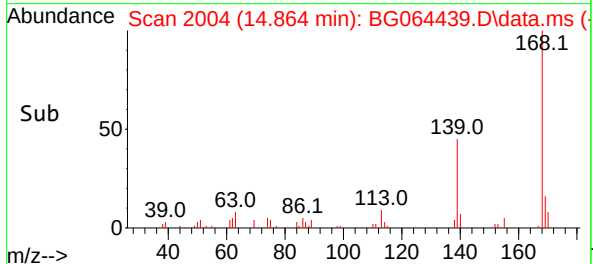
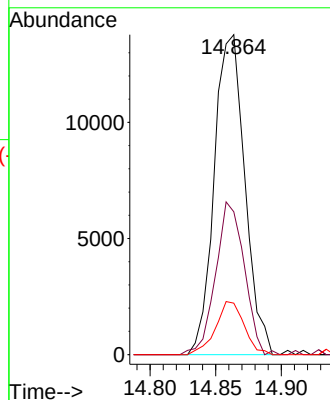
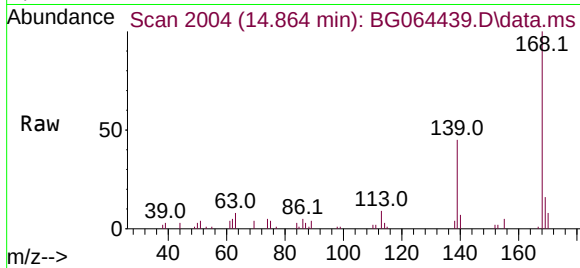




#55  
Dibenzenofuran  
Concen: 3.746 ng  
RT: 14.864 min Scan# 2004  
Delta R.T. -0.017 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

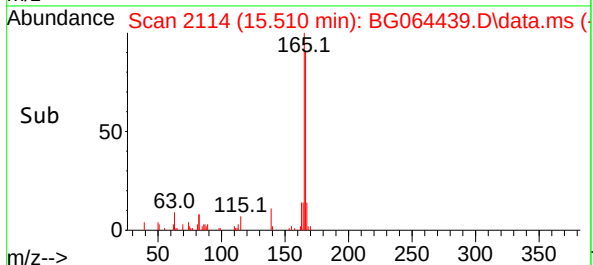
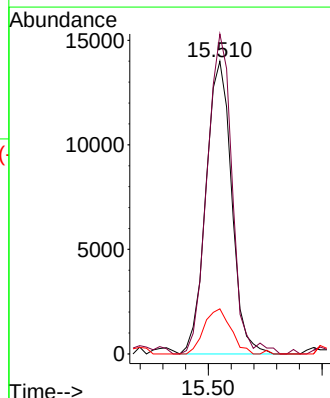
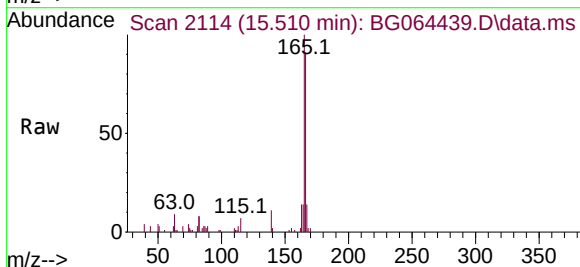
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

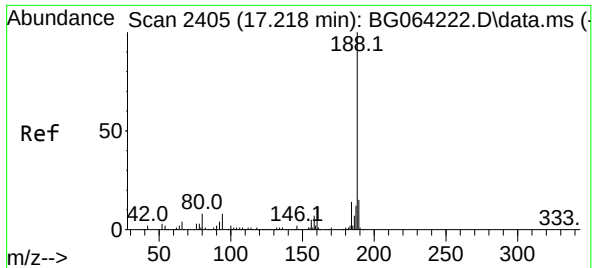
Tgt Ion:168 Resp: 22366  
Ion Ratio Lower Upper  
168 100  
139 44.6 33.2 49.8  
169 16.1 10.4 15.6#



#58  
Fluorene  
Concen: 4.486 ng  
RT: 15.510 min Scan# 2114  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion:166 Resp: 21955  
Ion Ratio Lower Upper  
166 100  
165 109.4 79.1 118.7  
167 15.4 10.2 15.4#

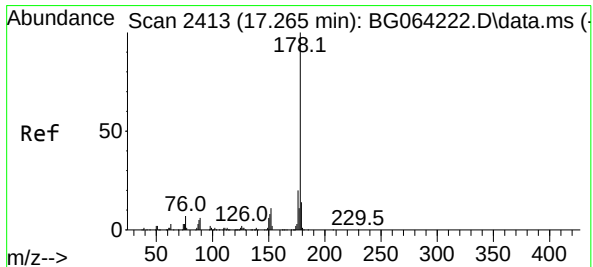
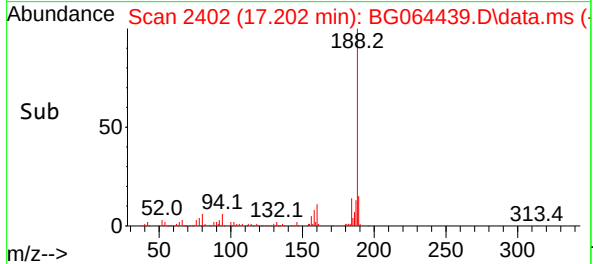
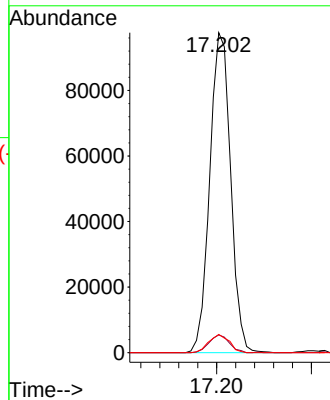
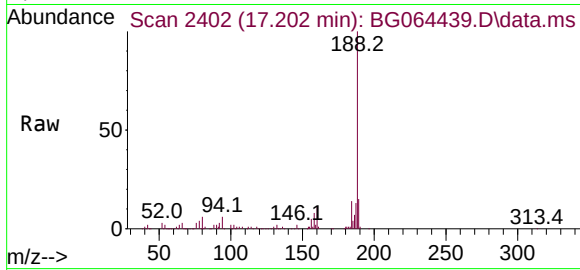




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.202 min Scan# 2405  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

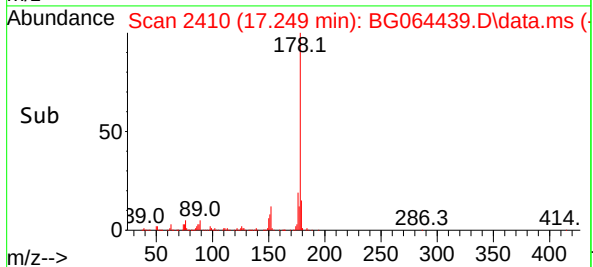
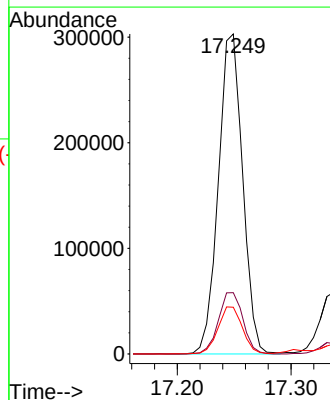
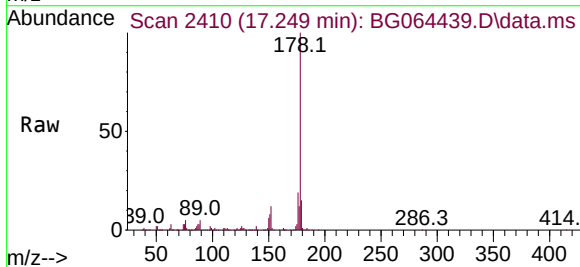
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

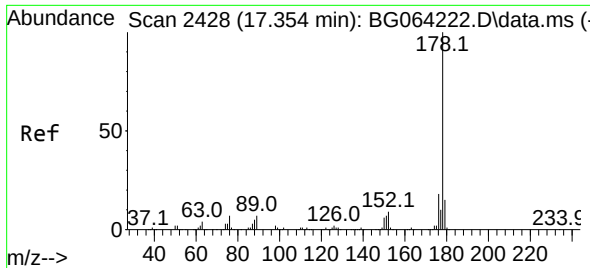
Tgt Ion:188 Resp: 149111  
Ion Ratio Lower Upper  
188 100  
94 5.5 6.2 9.4#  
80 5.7 6.8 10.2#



#71  
Phenanthrene  
Concen: 57.145 ng  
RT: 17.249 min Scan# 2410  
Delta R.T. -0.017 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion:178 Resp: 449425  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.9 23.9  
179 14.6 11.4 17.2

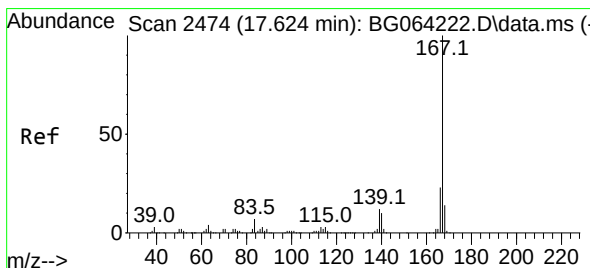
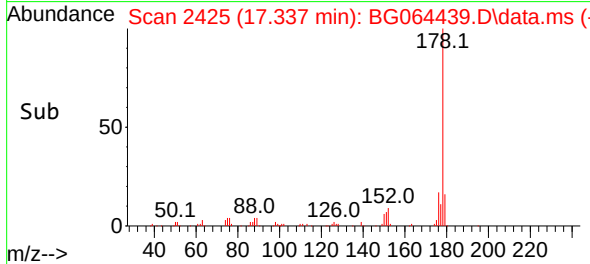
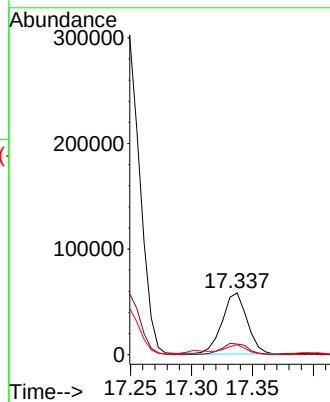
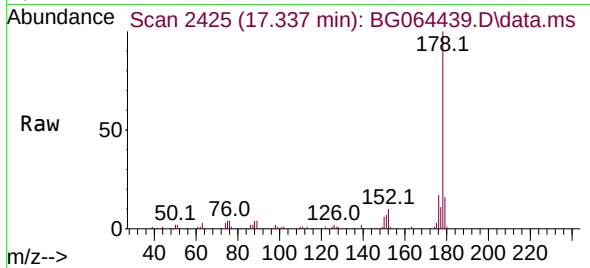




#72  
Anthracene  
Concen: 10.341 ng  
RT: 17.337 min Scan# 2425  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

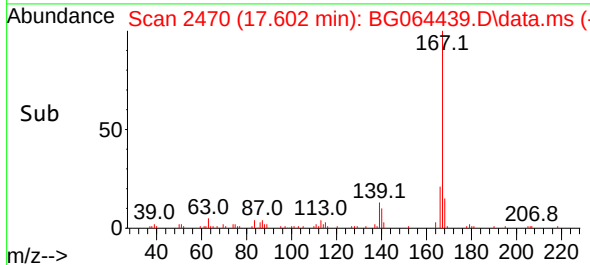
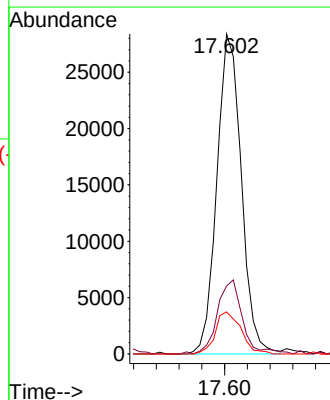
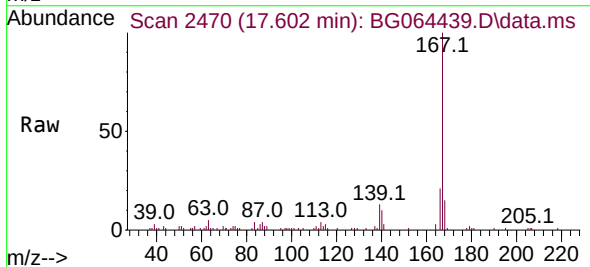
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

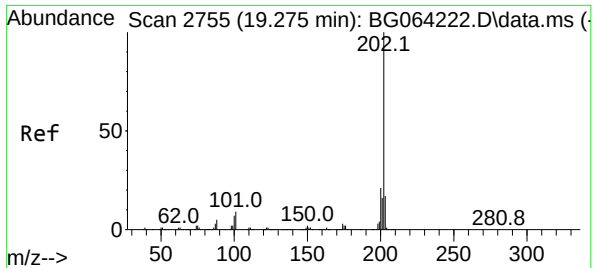
Tgt Ion:178 Resp: 82731  
Ion Ratio Lower Upper  
178 100  
176 17.1 14.7 22.1  
179 16.1 12.1 18.1



#73  
Carbazole  
Concen: 6.017 ng  
RT: 17.602 min Scan# 2470  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion:167 Resp: 42406  
Ion Ratio Lower Upper  
167 100  
166 21.2 18.2 27.2  
139 13.1 9.8 14.6

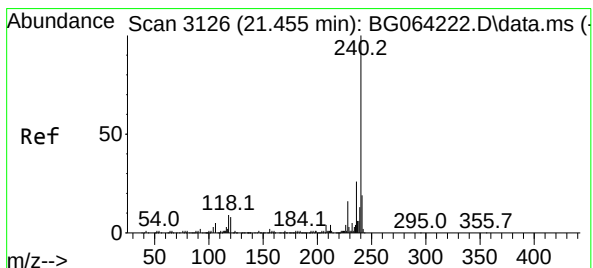
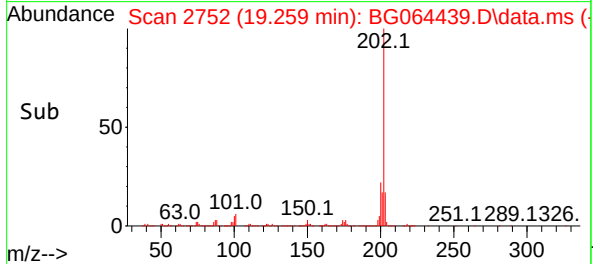
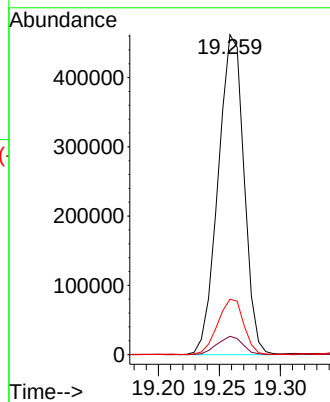
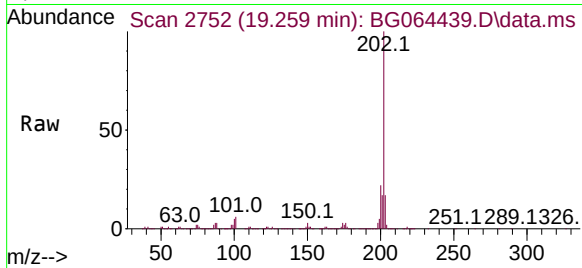




#75  
Fluoranthene  
Concen: 73.763 ng  
RT: 19.259 min Scan# 21  
Delta R.T. -0.017 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

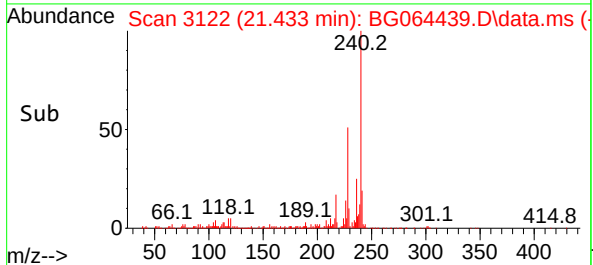
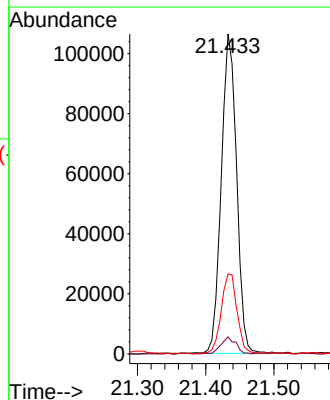
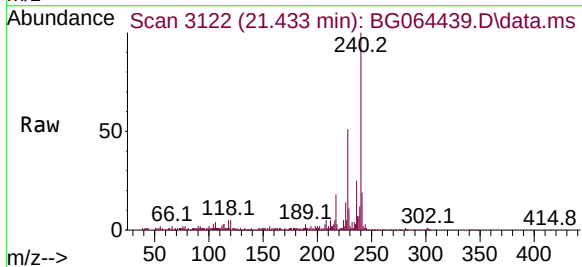
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

Tgt Ion:202 Resp: 682109  
Ion Ratio Lower Upper  
202 100  
101 5.7 0.0 28.7  
203 17.3 0.0 36.9

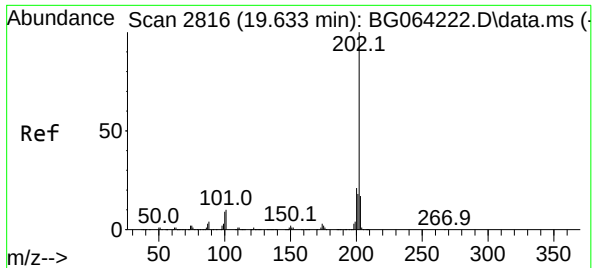


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.433 min Scan# 3122  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion:240 Resp: 164886  
Ion Ratio Lower Upper  
240 100  
120 5.3 6.2 9.4#  
236 25.0 20.5 30.7



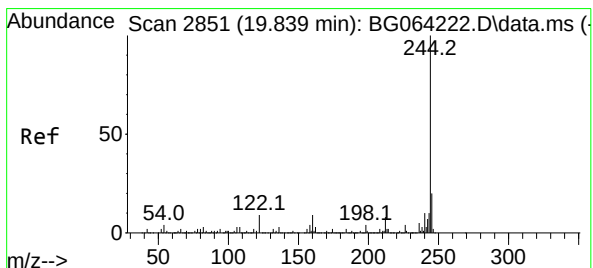
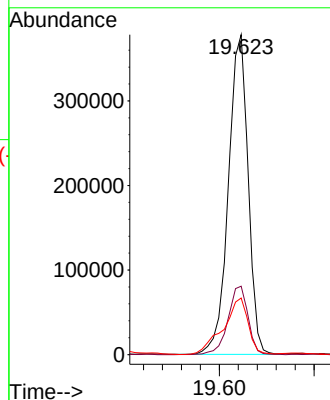
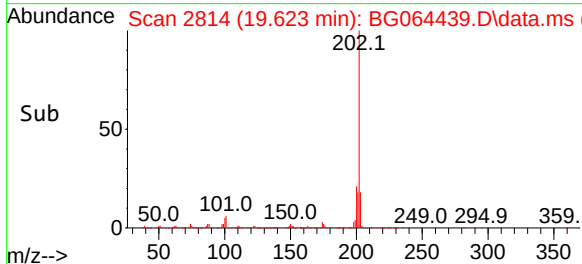
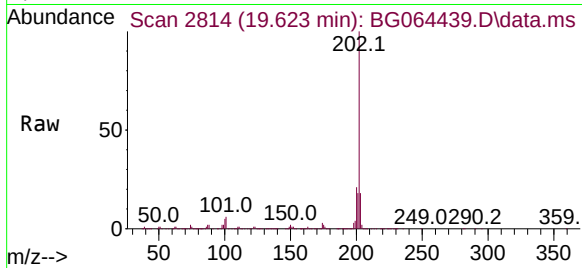




#78  
Pyrene  
Concen: 52.653 ng  
RT: 19.623 min Scan# 2816  
Delta R.T. -0.017 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

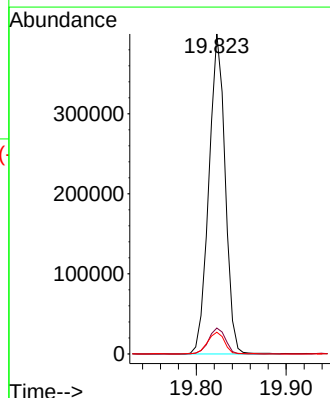
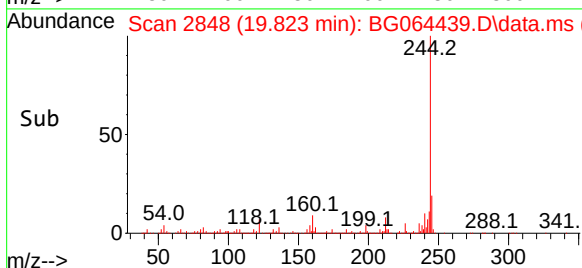
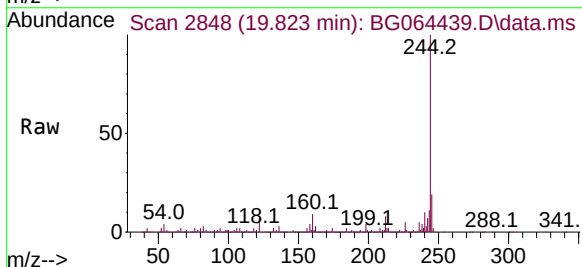
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

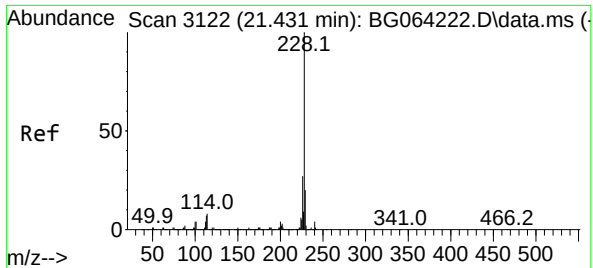
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.4  | 16.9  | 25.3  |
| 203     | 17.7  | 13.8  | 20.8  |



#79  
Terphenyl-d14  
Concen: 63.684 ng  
RT: 19.823 min Scan# 2848  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.1   | 6.6   | 10.0  |
| 122     | 6.8   | 7.0   | 10.6  |

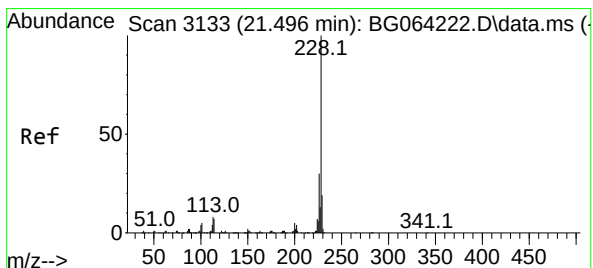
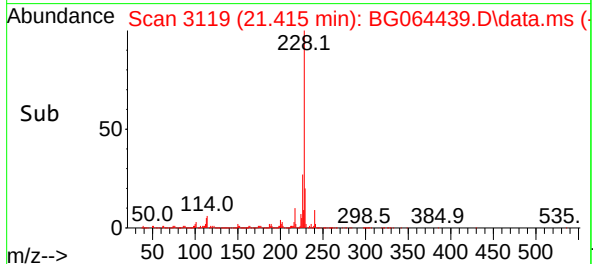
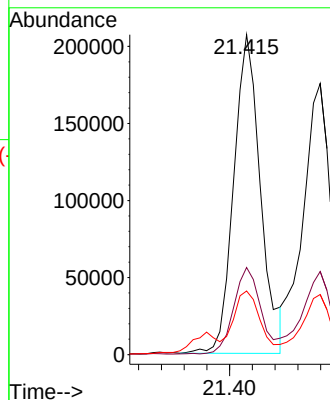
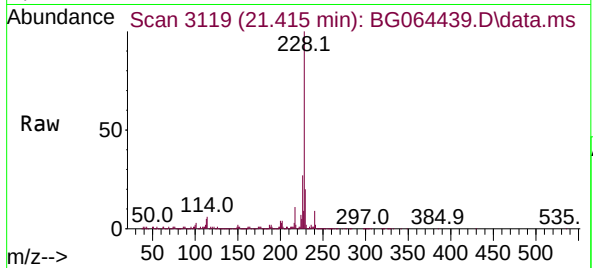




#81  
Benzo(a)anthracene  
Concen: 31.979 ng  
RT: 21.415 min Scan# 3119  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

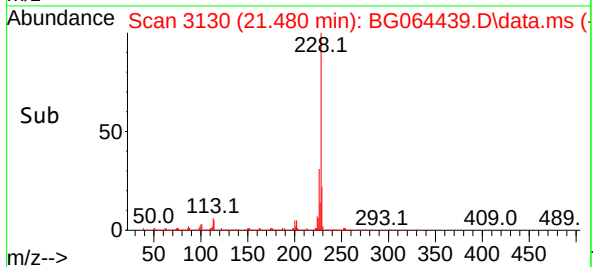
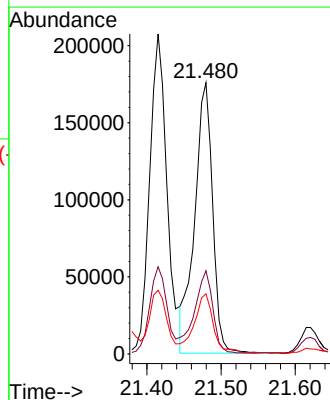
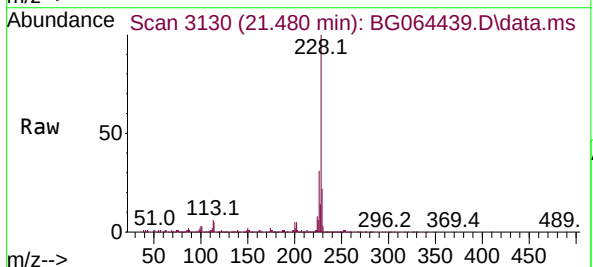
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

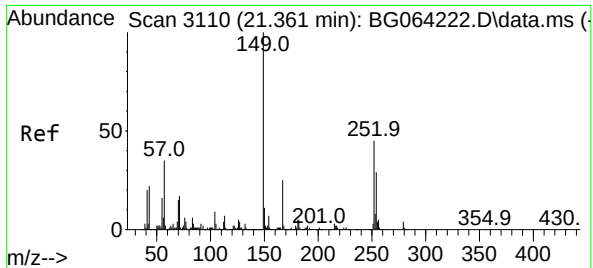
Tgt Ion:228 Resp: 337337  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 19.9 15.9 23.9



#83  
Chrysene  
Concen: 29.273 ng  
RT: 21.480 min Scan# 3130  
Delta R.T. -0.022 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion:228 Resp: 296447  
Ion Ratio Lower Upper  
228 100  
226 30.7 24.2 36.2  
229 22.2 15.4 23.2

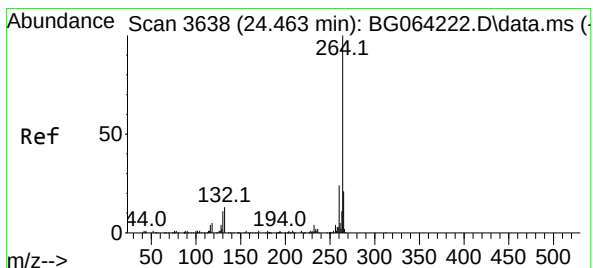
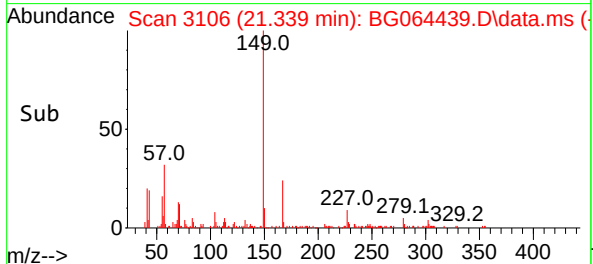
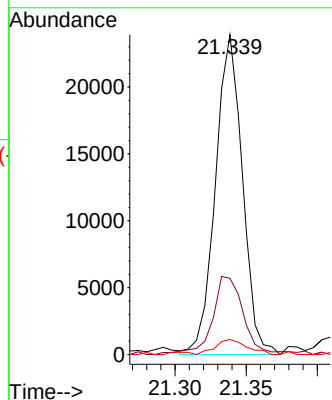
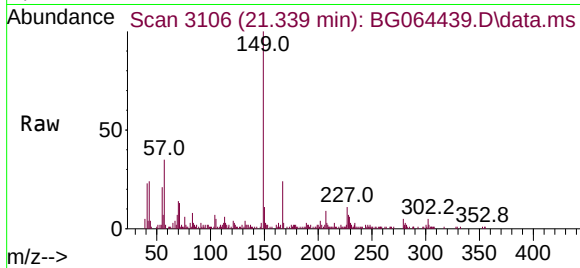




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.383 ng  
RT: 21.339 min Scan# 3110  
Delta R.T. -0.028 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

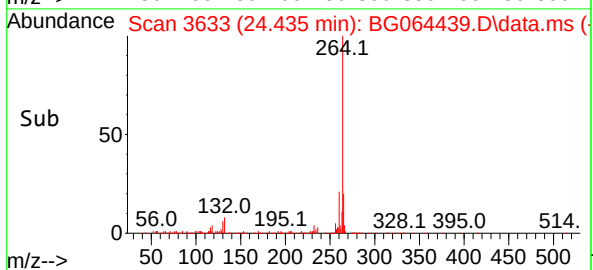
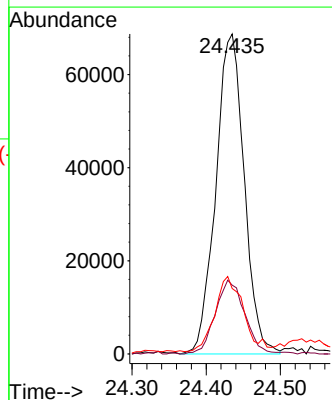
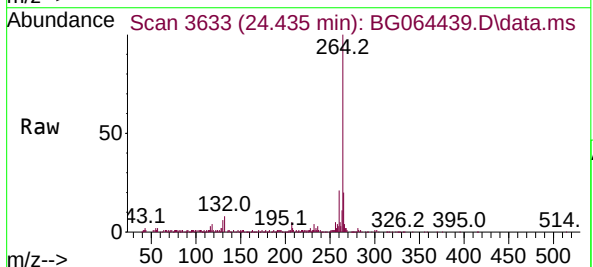
Instrument :  
BNA\_G  
ClientSampleId :  
COMP-3

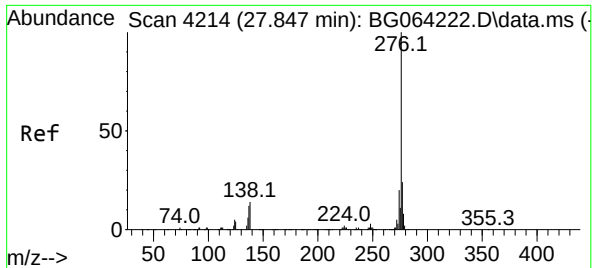
Tgt Ion:149 Resp: 31666  
Ion Ratio Lower Upper  
149 100  
167 23.8 20.0 30.0  
279 4.7 3.0 4.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.435 min Scan# 3633  
Delta R.T. -0.028 min  
Lab File: BG064439.D  
Acq: 23 Sep 2025 14:40

Tgt Ion:264 Resp: 182770  
Ion Ratio Lower Upper  
264 100  
260 21.5 18.9 28.3  
265 20.4 16.7 25.1

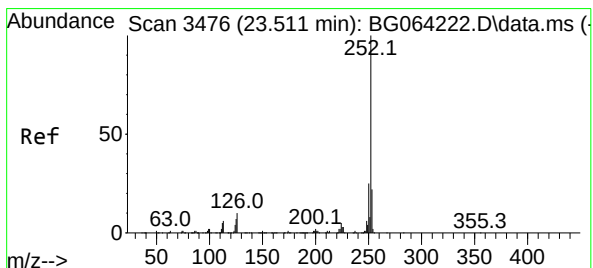
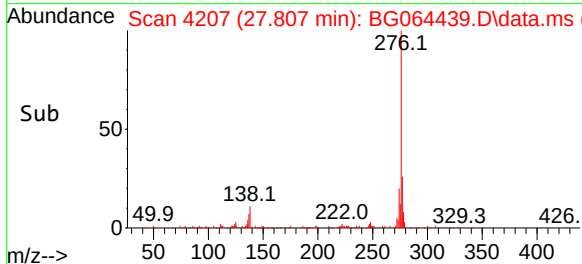
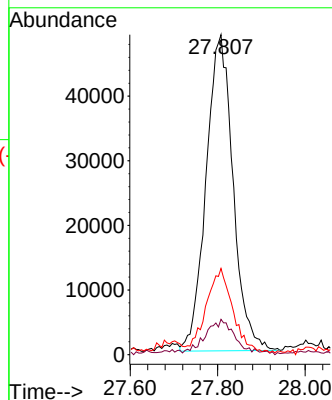
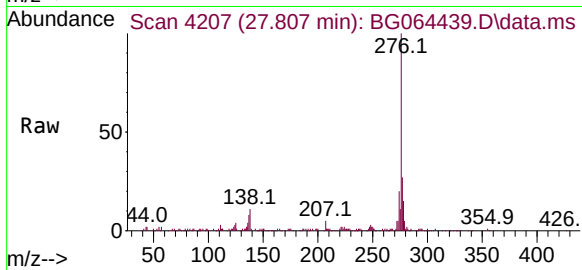




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 16.782 ng  
 RT: 27.807 min Scan# 41  
 Delta R.T. -0.064 min  
 Lab File: BG064439.D  
 Acq: 23 Sep 2025 14:40

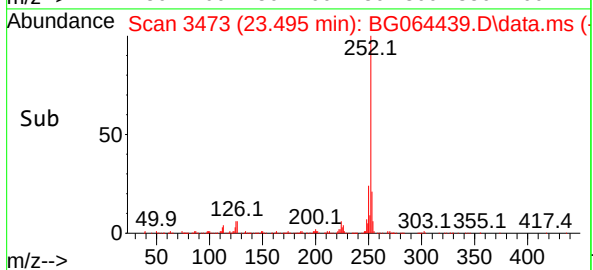
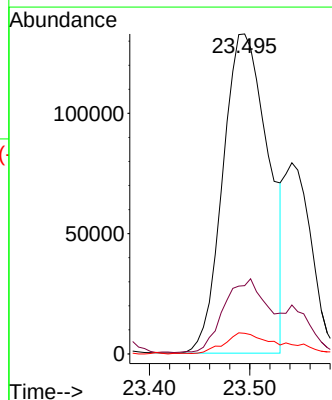
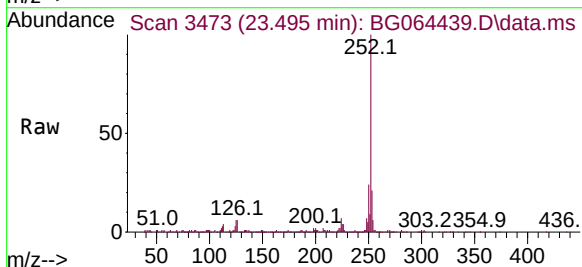
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3

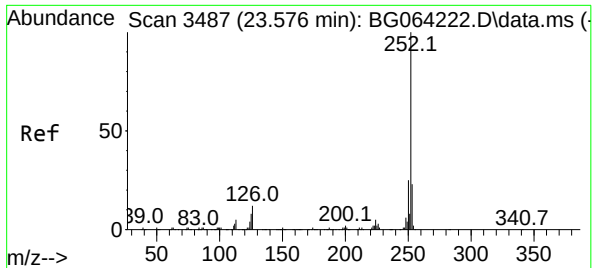
Tgt Ion:276 Resp: 209463  
 Ion Ratio Lower Upper  
 276 100  
 138 10.9 7.4 11.0  
 277 26.1 20.5 30.7



#88  
 Benzo(b)fluoranthene  
 Concen: 40.606 ng  
 RT: 23.495 min Scan# 3473  
 Delta R.T. -0.022 min  
 Lab File: BG064439.D  
 Acq: 23 Sep 2025 14:40

Tgt Ion:252 Resp: 418863  
 Ion Ratio Lower Upper  
 252 100  
 253 21.3 17.5 26.3  
 125 6.4 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 14.174 ng m

RT: 23.542 min Scan# 34

Delta R.T. -0.046 min

Lab File: BG064439.D

Acq: 23 Sep 2025 14:40

Instrument :

BNA\_G

ClientSampleId :

COMP-3

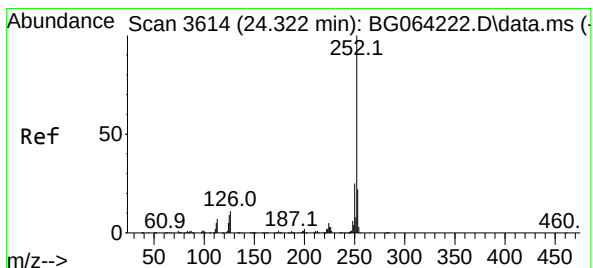
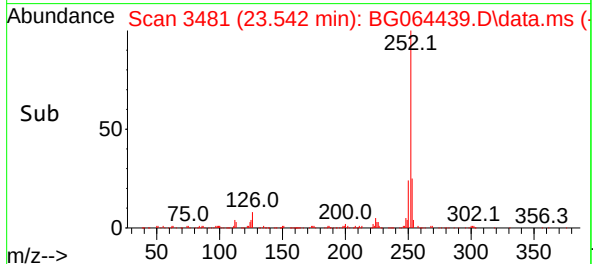
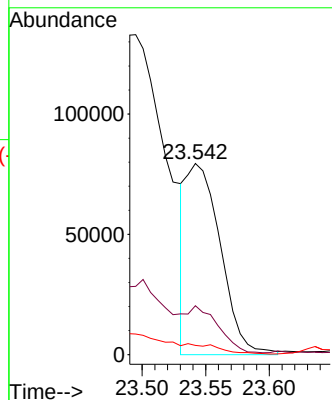
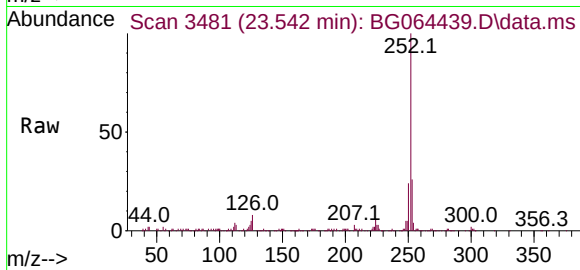
Tgt Ion:252 Resp: 148953

Ion Ratio Lower Upper

252 100

253 25.6 18.2 27.4

125 4.9 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 30.478 ng m

RT: 24.294 min Scan# 3609

Delta R.T. -0.034 min

Lab File: BG064439.D

Acq: 23 Sep 2025 14:40

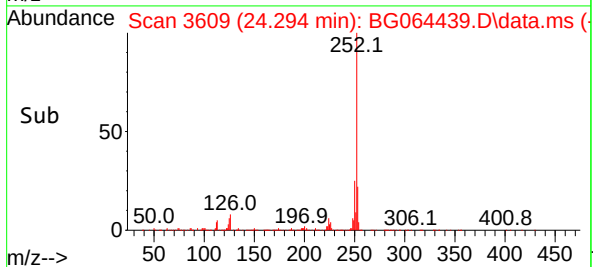
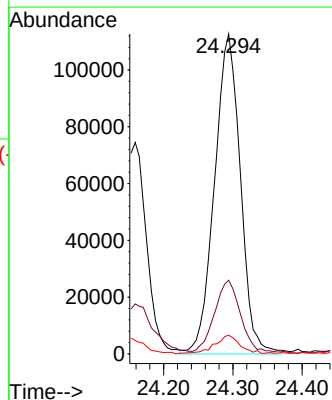
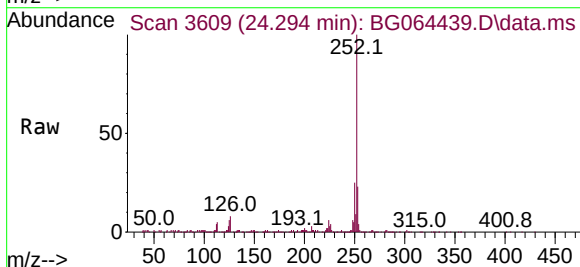
Tgt Ion:252 Resp: 292453

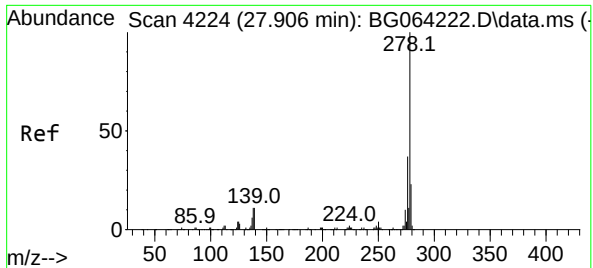
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 5.9 7.0 10.6#

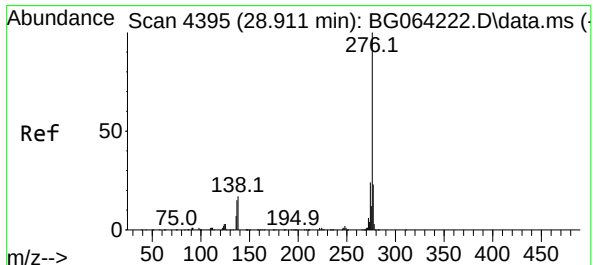
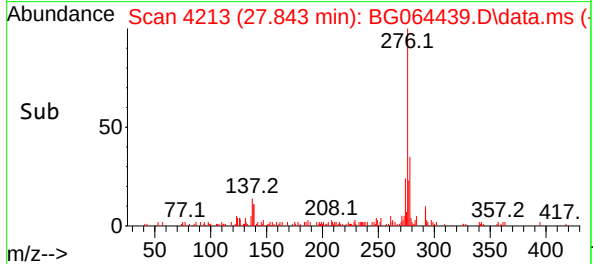
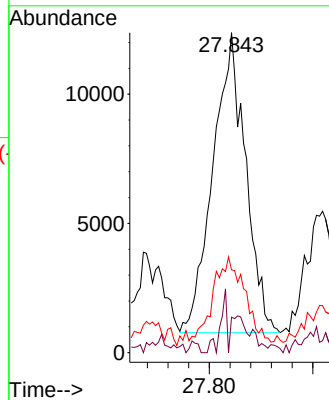
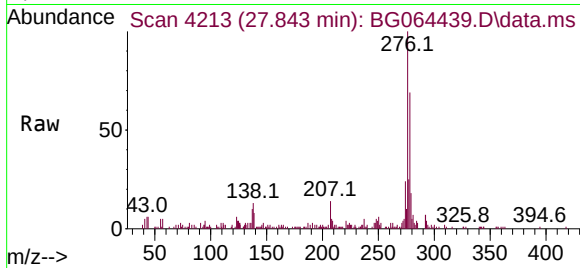




#91  
 Dibenzo(a,h)anthracene  
 Concen: 5.081 ng  
 RT: 27.843 min Scan# 41  
 Delta R.T. -0.081 min  
 Lab File: BG064439.D  
 Acq: 23 Sep 2025 14:40

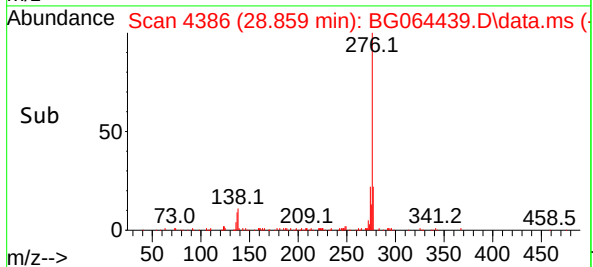
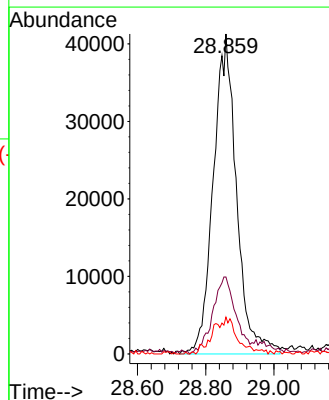
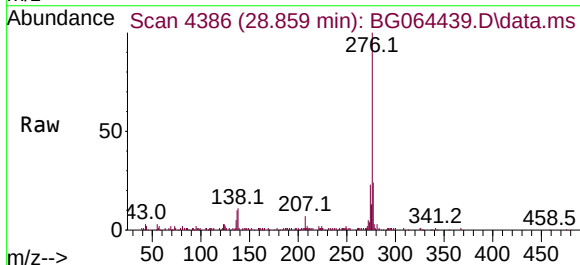
Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-3

Tgt Ion:278 Resp: 50917  
 Ion Ratio Lower Upper  
 278 100  
 139 11.1 9.0 13.4  
 279 25.9 18.8 28.2



#92  
 Benzo(g,h,i)perylene  
 Concen: 20.021 ng  
 RT: 28.859 min Scan# 4386  
 Delta R.T. -0.075 min  
 Lab File: BG064439.D  
 Acq: 23 Sep 2025 14:40

Tgt Ion:276 Resp: 195241  
 Ion Ratio Lower Upper  
 276 100  
 277 24.0 18.2 27.4  
 138 11.5 13.3 19.9#





# CALIBRATION SUMMARY



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

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: POWE02Lab Code: ACESDG No.: Q3155Instrument ID: BNA\_GCalibration Date(s): 08/28/2025 08/28/2025Calibration Time(s): 10:51 16:16

| LAB FILE ID:             |        | RRF2.5 = BG064218.D |        |        | RRF005 = BG064219.D |        | RRF010 = BG064220.D |       |
|--------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
|                          |        | RRF020 = BG064221.D |        |        | RRF040 = BG064222.D |        | RRF050 = BG064223.D |       |
| COMPOUND                 | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorophenol           |        | 1.126               | 1.094  | 1.155  | 1.104               | 1.075  | 1.115               | 2.4   |
| Phenol-d6                |        | 1.520               | 1.484  | 1.594  | 1.515               | 1.522  | 1.532               | 2.3   |
| Nitrobenzene-d5          |        | 0.341               | 0.340  | 0.370  | 0.365               | 0.357  | 0.359               | 3.8   |
| Naphthalene              |        | 1.104               | 1.012  | 1.077  | 1.036               | 1.004  | 1.037               | 4.0   |
| 2-Fluorobiphenyl         |        | 1.364               | 1.286  | 1.358  | 1.328               | 1.288  | 1.310               | 3.3   |
| Fluorene                 |        | 1.567               | 1.478  | 1.549  | 1.529               | 1.416  | 1.473               | 5.3   |
| 2,4,6-Tribromophenol     |        | 0.281               | 0.256  | 0.271  | 0.276               | 0.261  | 0.265               | 4.2   |
| Phenanthrene             |        | 1.103               | 1.032  | 1.090  | 1.084               | 1.020  | 1.055               | 3.4   |
| Anthracene               |        | 1.124               | 1.053  | 1.092  | 1.111               | 1.033  | 1.073               | 3.5   |
| Pyrene                   |        | 1.292               | 1.236  | 1.286  | 1.303               | 1.216  | 1.260               | 2.9   |
| Terphenyl-d14            |        | 1.009               | 0.974  | 1.002  | 0.981               | 0.918  | 0.959               | 4.7   |
| Benzo (a) anthracene     |        | 1.323               | 1.238  | 1.312  | 1.296               | 1.248  | 1.280               | 2.7   |
| Chrysene                 |        | 1.277               | 1.197  | 1.254  | 1.248               | 1.204  | 1.228               | 2.7   |
| Benzo (b) fluoranthene   |        | 1.079               | 1.081  | 1.145  | 1.176               | 1.104  | 1.129               | 3.6   |
| Benzo (a) pyrene         |        | 1.019               | 0.978  | 1.076  | 1.084               | 1.047  | 1.050               | 3.8   |
| Indeno (1,2,3-cd) pyrene |        | 1.314               | 1.302  | 1.384  | 1.399               | 1.348  | 1.366               | 3.4   |
| Benzo (g,h,i) perylene   |        | 1.067               | 1.029  | 1.070  | 1.083               | 1.042  | 1.067               | 2.3   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
 Method File : 8270-BG082825.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Thu Aug 28 17:41:58 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BG064218.D 5 =BG064219.D 10 =BG064220.D 20 =BG064221.D 40 =BG064222.D 50 =BG064223.D 60 =BG064224.D 80 =BG064225.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 2)    | 1,4-Dioxane           | 0.574          | 0.524 | 0.479 | 0.387 | 0.430 | 0.432 | 0.426 | 0.465 | 14.04 |      |
| 3)    | Pyridine              | 1.449          | 1.375 | 1.377 | 1.338 | 1.315 | 1.371 | 1.349 | 1.368 | 3.09  |      |
| 4)    | n-Nitrosodimet...     |                | 0.889 | 0.914 | 0.922 | 0.896 | 0.916 | 0.892 | 0.905 | 1.57  |      |
| 5) S  | 2-Fluorophenol        | 1.126          | 1.094 | 1.155 | 1.104 | 1.075 | 1.117 | 1.133 | 1.115 | 2.36  |      |
| 6)    | Aniline               | 2.030          | 2.048 | 2.158 | 2.125 | 2.151 | 2.203 | 2.110 | 2.118 | 2.90  |      |
| 7) S  | Phenol-d6             | 1.520          | 1.484 | 1.594 | 1.515 | 1.522 | 1.555 | 1.532 | 1.532 | 2.26  |      |
| 8)    | 2-Chlorophenol        | 1.318          | 1.287 | 1.381 | 1.418 | 1.360 | 1.407 | 1.364 | 1.362 | 3.44  |      |
| 9)    | Benzaldehyde          |                | 1.181 | 1.115 | 1.375 | 1.193 | 1.439 |       | 1.260 | 11.00 |      |
| 10) C | Phenol                | 1.590          | 1.627 | 1.750 | 1.669 | 1.739 | 1.745 | 1.699 | 1.688 | 3.71  |      |
| 11)   | bis(2-Chloroet...     | 1.232          | 1.263 | 1.323 | 1.281 | 1.255 | 1.270 | 1.258 | 1.269 | 2.22  |      |
| 12)   | 1,3-Dichlorobe...     | 1.469          | 1.480 | 1.500 | 1.471 | 1.394 | 1.425 | 1.404 | 1.449 | 2.83  |      |
| 13) C | 1,4-Dichlorobe...     | 1.499          | 1.522 | 1.479 | 1.466 | 1.426 | 1.447 | 1.398 | 1.463 | 2.91  |      |
| 14)   | 1,2-Dichlorobe...     | 1.350          | 1.458 | 1.476 | 1.409 | 1.365 | 1.437 | 1.386 | 1.412 | 3.38  |      |
| 15)   | Benzyl Alcohol        |                | 1.297 | 1.436 | 1.426 | 1.432 | 1.438 | 1.451 | 1.413 | 4.06  |      |
| 16)   | 2,2'-oxybis(1-...     | 2.923          | 2.920 | 2.979 | 2.897 | 2.826 | 2.931 | 2.803 | 2.897 | 2.14  |      |
| 17)   | 2-Methylphenol        | 1.188          | 1.243 | 1.349 | 1.261 | 1.218 | 1.305 | 1.246 | 1.258 | 4.28  |      |
| 18)   | Hexachloroethane      | 0.555          | 0.578 | 0.574 | 0.583 | 0.572 | 0.568 | 0.567 | 0.571 | 1.57  |      |
| 19) P | n-Nitroso-di-n...     | 1.008          | 1.162 | 1.160 | 1.239 | 1.203 | 1.211 | 1.230 | 1.164 | 1.172 | 6.24 |
| 20)   | 3+4-Methylphenols     |                | 1.734 | 1.765 | 1.702 | 1.750 | 1.787 | 1.753 | 1.749 | 1.65  |      |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 22)   | Acetophenone          | 0.533          | 0.485 | 0.522 | 0.502 | 0.496 | 0.513 | 0.492 | 0.506 | 3.42  |      |
| 23) S | Nitrobenzene-d5       | 0.341          | 0.340 | 0.370 | 0.365 | 0.357 | 0.376 | 0.360 | 0.359 | 3.82  |      |
| 24)   | Nitrobenzene          | 0.354          | 0.348 | 0.394 | 0.388 | 0.377 | 0.387 | 0.375 | 0.375 | 4.71  |      |
| 25)   | Isophorone            | 0.749          | 0.723 | 0.787 | 0.748 | 0.733 | 0.754 | 0.724 | 0.745 | 2.97  |      |
| 26) C | 2-Nitrophenol         | 0.133          | 0.146 | 0.169 | 0.171 | 0.167 | 0.176 | 0.171 | 0.162 | 9.86  |      |
| 27)   | 2,4-Dimethylph...     | 0.275          | 0.271 | 0.300 | 0.297 | 0.276 | 0.291 | 0.279 | 0.284 | 4.03  |      |
| 28)   | bis(2-Chloroet...     | 0.396          | 0.401 | 0.417 | 0.414 | 0.390 | 0.404 | 0.391 | 0.402 | 2.63  |      |
| 29) C | 2,4-Dichloroph...     | 0.289          | 0.278 | 0.319 | 0.310 | 0.299 | 0.311 | 0.294 | 0.300 | 4.70  |      |
| 30)   | 1,2,4-Trichlor...     | 0.332          | 0.305 | 0.327 | 0.319 | 0.308 | 0.317 | 0.305 | 0.316 | 3.42  |      |
| 31)   | Naphthalene           | 1.104          | 1.012 | 1.077 | 1.036 | 1.004 | 1.041 | 0.986 | 1.037 | 4.01  |      |
| 32)   | Benzoic acid          |                | 0.159 | 0.206 | 0.240 | 0.247 | 0.257 | 0.245 | 0.226 | 16.35 |      |
| 33)   | 4-Chloroaniline       | 0.369          | 0.379 | 0.414 | 0.421 | 0.411 | 0.419 | 0.402 | 0.402 | 5.08  |      |
| 34) C | Hexachlorobuta...     | 0.242          | 0.236 | 0.236 | 0.237 | 0.224 | 0.236 | 0.225 | 0.234 | 2.93  |      |
| 35)   | Caprolactam           |                | 0.108 | 0.129 | 0.123 | 0.112 | 0.114 | 0.110 | 0.116 | 7.13  |      |
| 36) C | 4-Chloro-3-met...     | 0.380          | 0.382 | 0.402 | 0.395 | 0.386 | 0.396 | 0.383 | 0.389 | 2.16  |      |
| 37)   | 2-Methylnaphth...     | 0.768          | 0.748 | 0.831 | 0.788 | 0.757 | 0.772 | 0.734 | 0.771 | 4.10  |      |
| 38)   | 1-Methylnaphth...     | 0.788          | 0.755 | 0.801 | 0.776 | 0.736 | 0.753 | 0.722 | 0.761 | 3.72  |      |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
 Method File : 8270-BG082825.M

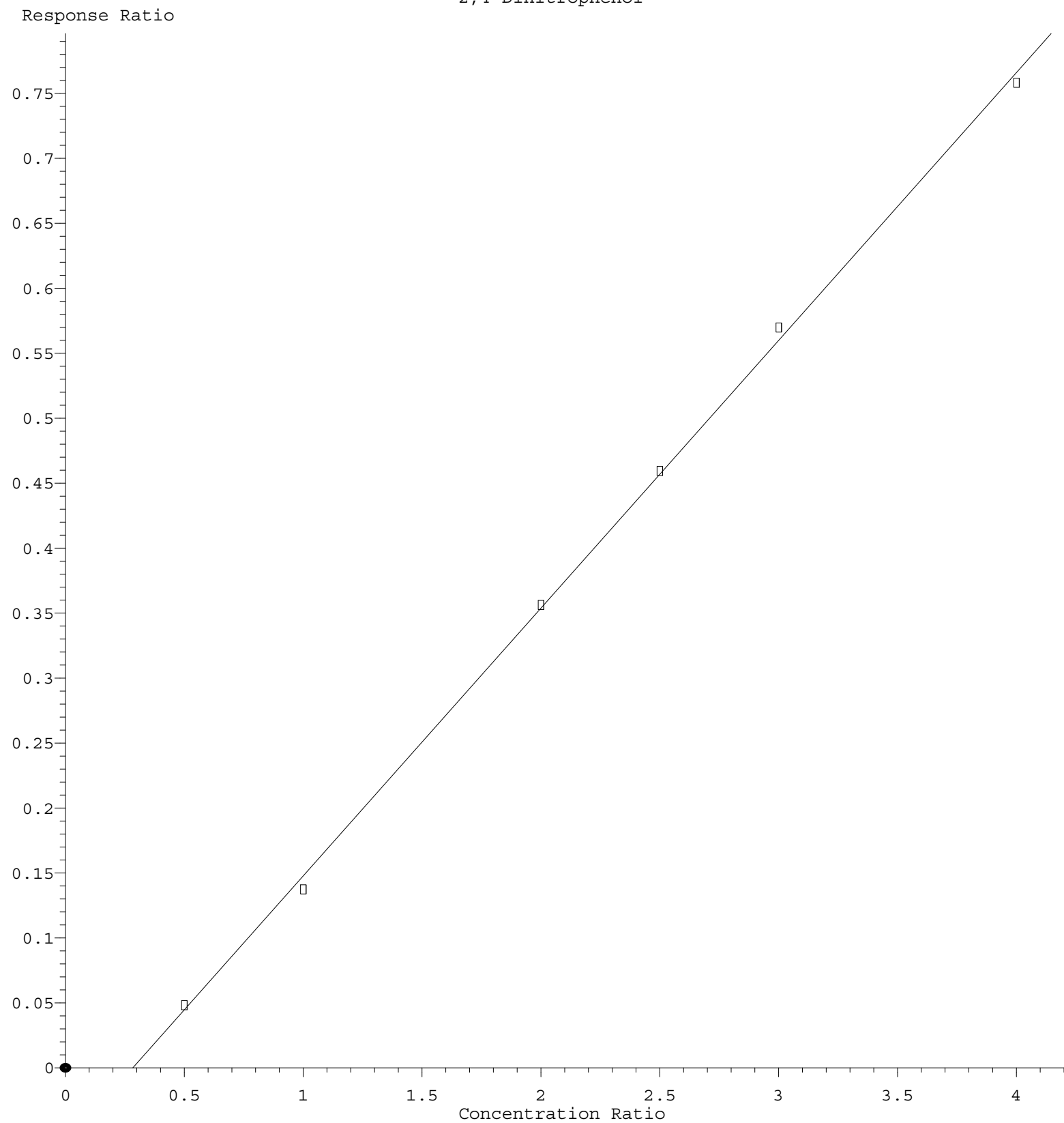
|       |                    |                |       |       |       |       |       |       |       |       |
|-------|--------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 39) I | Acenaphthene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |
| 40)   | 1,2,4,5-Tetrac...  | 0.554          | 0.556 | 0.597 | 0.582 | 0.582 | 0.592 | 0.576 | 0.577 | 2.86  |
| 41) P | Hexachlorocycl...  |                | 0.221 | 0.256 | 0.275 | 0.290 | 0.307 | 0.296 | 0.274 | 11.55 |
| 42) S | 2,4,6-Tribromo...  | 0.281          | 0.256 | 0.271 | 0.276 | 0.261 | 0.257 | 0.252 | 0.265 | 4.21  |
| 43) C | 2,4,6-Trichlor...  | 0.364          | 0.362 | 0.400 | 0.396 | 0.384 | 0.399 | 0.394 | 0.386 | 4.23  |
| 44)   | 2,4,5-Trichlor...  | 0.387          | 0.386 | 0.437 | 0.433 | 0.426 | 0.437 | 0.423 | 0.418 | 5.33  |
| 45) S | 2-Fluorobiphenyl   | 1.364          | 1.286 | 1.358 | 1.328 | 1.288 | 1.304 | 1.244 | 1.310 | 3.27  |
| 46)   | 1,1'-Biphenyl      | 1.459          | 1.412 | 1.488 | 1.494 | 1.449 | 1.471 | 1.424 | 1.457 | 2.13  |
| 47)   | 2-Chloronaphth...  | 1.090          | 1.059 | 1.113 | 1.113 | 1.096 | 1.117 | 1.078 | 1.095 | 1.94  |
| 48)   | 2-Nitroaniline     | 0.303          | 0.329 | 0.372 | 0.410 | 0.394 | 0.408 | 0.397 | 0.373 | 11.15 |
| 49)   | Acenaphthylene     | 1.656          | 1.528 | 1.675 | 1.675 | 1.607 | 1.610 | 1.580 | 1.619 | 3.36  |
| 50)   | Dimethylphthalate  | 1.672          | 1.476 | 1.569 | 1.555 | 1.462 | 1.446 | 1.417 | 1.514 | 5.90  |
| 51)   | 2,6-Dinitrotol...  | 0.238          | 0.269 | 0.301 | 0.322 | 0.300 | 0.315 | 0.305 | 0.293 | 10.00 |
| 52) C | Acenaphthene       | 1.169          | 1.120 | 1.175 | 1.178 | 1.129 | 1.132 | 1.095 | 1.142 | 2.77  |
| 53)   | 3-Nitroaniline     | 0.275          | 0.279 | 0.316 | 0.331 | 0.314 | 0.322 | 0.312 | 0.307 | 6.93  |
| 54) P | 2,4-Dinitrophenol  |                | 0.096 | 0.137 | 0.178 | 0.184 | 0.190 | 0.190 | 0.163 | 23.29 |
| 55)   | Dibenzofuran       | 1.913          | 1.756 | 1.840 | 1.833 | 1.762 | 1.754 | 1.722 | 1.797 | 3.73  |
| 56) P | 4-Nitrophenol      |                | 0.199 | 0.250 | 0.286 | 0.258 | 0.255 | 0.263 | 0.252 | 11.50 |
| 57)   | 2,4-Dinitrotol...  | 0.396          | 0.398 | 0.462 | 0.484 | 0.450 | 0.457 | 0.455 | 0.443 | 7.55  |
| 58)   | Fluorene           | 1.567          | 1.478 | 1.549 | 1.529 | 1.416 | 1.398 | 1.373 | 1.473 | 5.30  |
| 59)   | 2,3,4,6-Tetrac...  | 0.392          | 0.378 | 0.419 | 0.419 | 0.413 | 0.404 | 0.393 | 0.402 | 3.91  |
| 60)   | Diethylphthalate   | 1.830          | 1.577 | 1.665 | 1.688 | 1.536 | 1.530 | 1.516 | 1.620 | 7.06  |
| 61)   | 4-Chlorophenyl...  | 0.781          | 0.717 | 0.759 | 0.755 | 0.720 | 0.716 | 0.693 | 0.734 | 4.21  |
| 62)   | 4-Nitroaniline     | 0.267          | 0.275 | 0.311 | 0.351 | 0.332 | 0.331 | 0.325 | 0.313 | 9.93  |
| 63)   | Azobenzene         | 1.490          | 1.422 | 1.511 | 1.503 | 1.407 | 1.393 | 1.381 | 1.444 | 3.83  |
| 64) I | Phenanthrene-d10   | -----ISTD----- |       |       |       |       |       |       |       |       |
| 65)   | 4,6-Dinitro-2-...  |                | 0.085 | 0.107 | 0.118 | 0.121 | 0.129 | 0.128 | 0.115 | 14.38 |
| 66) c | n-Nitrosodiphe...  | 0.553          | 0.518 | 0.571 | 0.562 | 0.542 | 0.564 | 0.542 | 0.550 | 3.23  |
| 67)   | 4-Bromophenyl-...  | 0.195          | 0.213 | 0.218 | 0.215 | 0.212 | 0.219 | 0.216 | 0.212 | 3.78  |
| 68)   | Hexachlorobenzene  | 0.241          | 0.232 | 0.244 | 0.226 | 0.231 | 0.243 | 0.235 | 0.236 | 2.82  |
| 69)   | Atrazine           | 0.240          | 0.230 | 0.231 | 0.240 | 0.224 | 0.224 | 0.220 | 0.230 | 3.42  |
| 70) C | Pentachlorophenol  |                | 0.110 | 0.135 | 0.153 | 0.148 | 0.156 | 0.157 | 0.143 | 12.65 |
| 71)   | Phenanthrene       | 1.103          | 1.032 | 1.090 | 1.084 | 1.020 | 1.041 | 1.015 | 1.055 | 3.45  |
| 72)   | Anthracene         | 1.124          | 1.053 | 1.092 | 1.111 | 1.033 | 1.070 | 1.028 | 1.073 | 3.48  |
| 73)   | Carbazole          | 0.986          | 0.908 | 0.960 | 1.002 | 0.917 | 0.935 | 0.909 | 0.945 | 4.01  |
| 74)   | Di-n-butylphth...  | 1.196          | 1.089 | 1.146 | 1.211 | 1.096 | 1.119 | 1.093 | 1.136 | 4.47  |
| 75) C | Fluoranthene       | 1.340          | 1.211 | 1.269 | 1.304 | 1.178 | 1.208 | 1.172 | 1.240 | 5.25  |
| 76) I | Chrysene-d12       | -----ISTD----- |       |       |       |       |       |       |       |       |
| 77)   | Benzidine          |                | 0.454 | 0.525 | 0.445 | 0.385 | 0.357 | 0.358 | 0.421 | 15.74 |
| 78)   | Pyrene             | 1.292          | 1.236 | 1.286 | 1.303 | 1.216 | 1.269 | 1.218 | 1.260 | 2.88  |
| 79) S | Terphenyl-d14      | 1.009          | 0.974 | 1.002 | 0.981 | 0.918 | 0.938 | 0.888 | 0.959 | 4.70  |
| 80)   | Butylbenzylphth... | 0.449          | 0.440 | 0.492 | 0.494 | 0.474 | 0.496 | 0.481 | 0.475 | 4.72  |
| 81)   | Benzo(a)anthra...  | 1.323          | 1.238 | 1.312 | 1.296 | 1.248 | 1.295 | 1.244 | 1.280 | 2.75  |
| 82)   | 3,3'-Dichlorob...  |                | 0.401 | 0.440 | 0.429 | 0.410 | 0.416 | 0.404 | 0.417 | 3.65  |
| 83)   | Chrysene           | 1.277          | 1.197 | 1.254 | 1.248 | 1.204 | 1.228 | 1.190 | 1.228 | 2.67  |
| 84)   | Bis(2-ethylhex...  | 0.713          | 0.681 | 0.719 | 0.732 | 0.713 | 0.734 | 0.703 | 0.714 | 2.52  |
| 85) c | Di-n-octyl pht...  |                | 1.160 | 1.266 | 1.263 | 1.228 | 1.303 | 1.239 | 1.243 | 3.90  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\  
Method File : 8270-BG082825.M

|       |                   |                |       |       |       |       |       |       |       |      |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|--|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |  |
| 87)   | Indeno(1,2,3-c... | 1.314          | 1.302 | 1.384 | 1.399 | 1.348 | 1.428 | 1.386 | 1.366 | 3.37 |  |
| 88)   | Benzo(b)fluora... | 1.079          | 1.081 | 1.145 | 1.176 | 1.104 | 1.164 | 1.153 | 1.129 | 3.56 |  |
| 89)   | Benzo(k)fluora... | 1.161          | 1.127 | 1.178 | 1.141 | 1.131 | 1.175 | 1.136 | 1.150 | 1.86 |  |
| 90) C | Benzo(a)pyrene    | 1.019          | 0.978 | 1.076 | 1.084 | 1.047 | 1.091 | 1.055 | 1.050 | 3.83 |  |
| 91)   | Dibenzo(a,h)an... | 1.044          | 1.032 | 1.114 | 1.135 | 1.087 | 1.144 | 1.121 | 1.097 | 4.01 |  |
| 92)   | Benzo(g,h,i)pe... | 1.067          | 1.029 | 1.070 | 1.083 | 1.042 | 1.103 | 1.076 | 1.067 | 2.32 |  |

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

# 2,4-Dinitrophenol



Response = 2.060e-001 \* Amt - 5.822e-002  
 Coef of Det (r<sup>2</sup>) = 0.999123 Curve Fit: wlr(1/a)  
 Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG082825.M  
 Calibration Table Last Updated: Thu Aug 28 17:41:58 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064218.D  
 Acq On : 28 Aug 2025 10:51  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

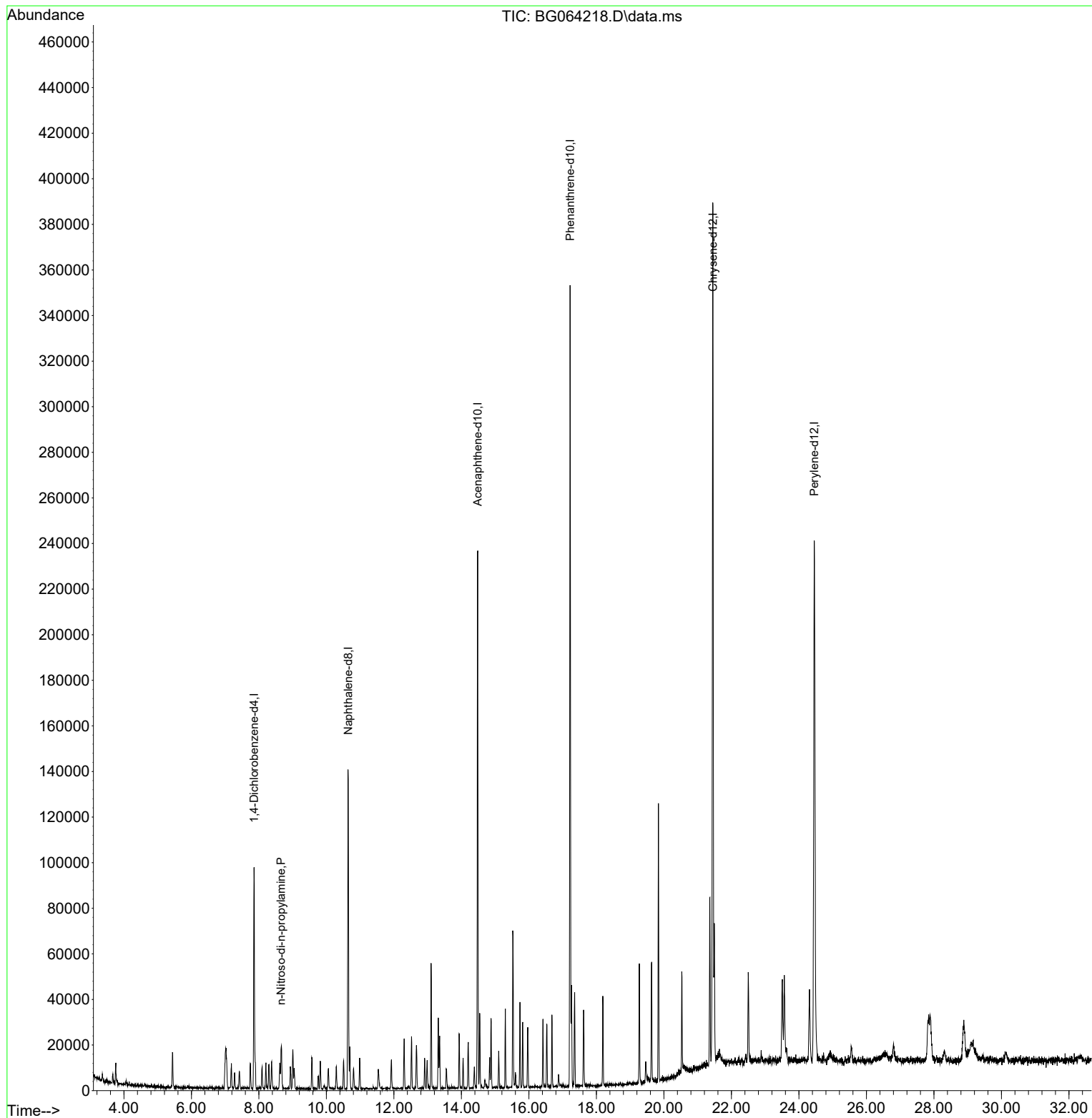
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 7.855  | 152  | 23937    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 10.645 | 136  | 108069   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 14.482 | 164  | 80336    | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 17.220 | 188  | 205650   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 21.450 | 240  | 221496   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12              | 24.453 | 264  | 230662   | 20.000 | ng    | -0.01       |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 0.000  | 112  | 0d       | 0.000  | ng    |             |
| 7) Phenol-d6                  | 0.000  | 99   | 0d       | 0.000  | ng    |             |
| 23) Nitrobenzene-d5           | 0.000  | 82   | 0d       | 0.000  | ng    |             |
| 42) 2,4,6-Tribromophenol      | 0.000  | 330  | 0d       | 0.000  | ng    |             |
| 45) 2-Fluorobiphenyl          | 0.000  | 172  | 0d       | 0.000  | ng    |             |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000  | ng    |             |
| Target Compounds              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 8.654  | 70   | 3017     | 2.151  | ng    | Qvalue # 73 |
| -----                         |        |      |          |        |       |             |

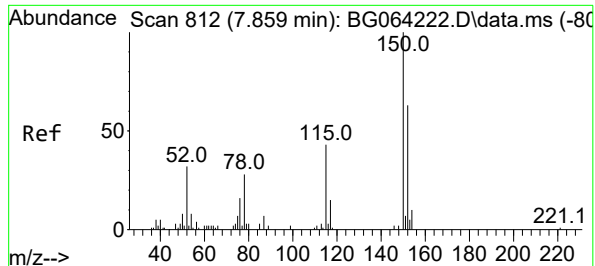
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
Data File : BG064218.D  
Acq On : 28 Aug 2025 10:51  
Operator : RC/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration

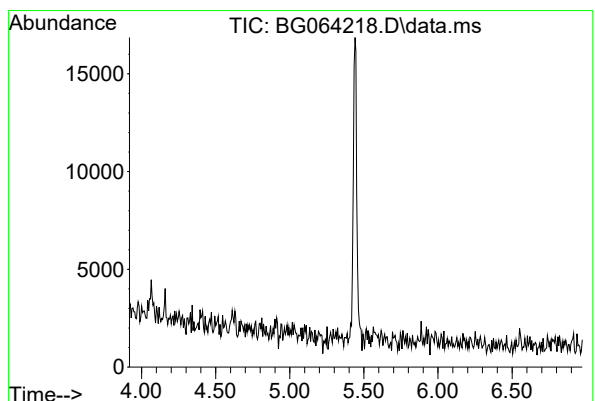
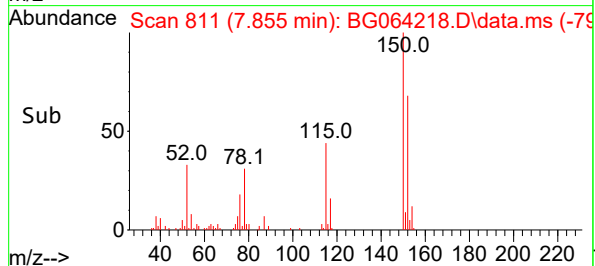
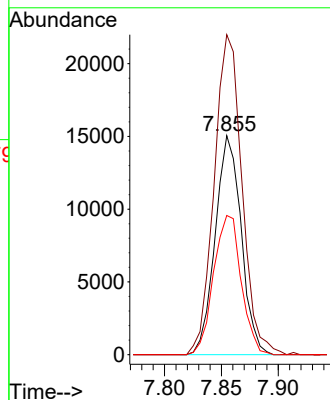
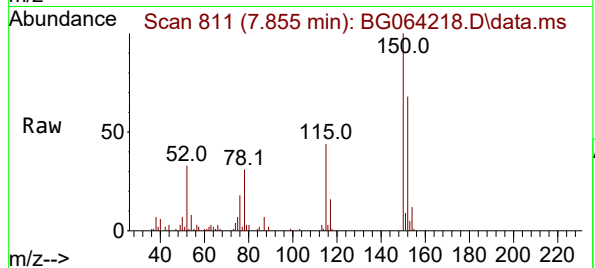




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.855 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG064218.D  
Acq: 28 Aug 2025 10:51

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

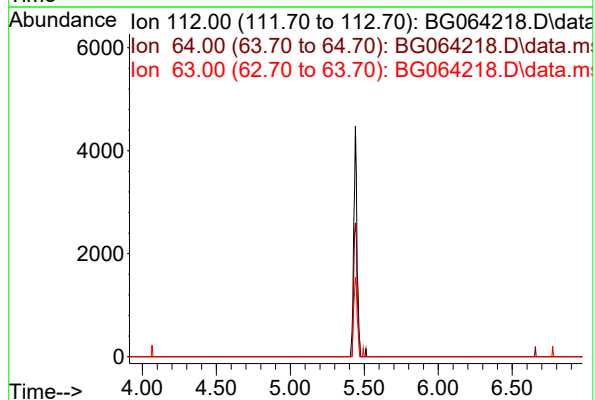
Tgt Ion:152 Resp: 23937  
Ion Ratio Lower Upper  
152 100  
150 146.1 128.0 192.0  
115 63.6 55.7 83.5



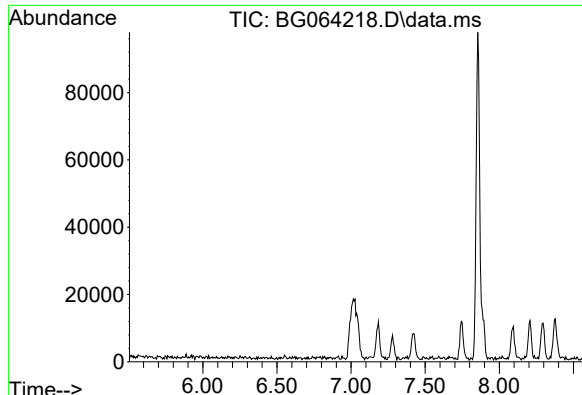
#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.44 min

Lab File: BG064218.D  
Acq: 28 Aug 2025 10:51

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 64.7  
63 38.2



Ion 64.00 (63.70 to 64.70): BG064218.D\data.ms  
Ion 63.00 (62.70 to 63.70): BG064218.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.03 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5

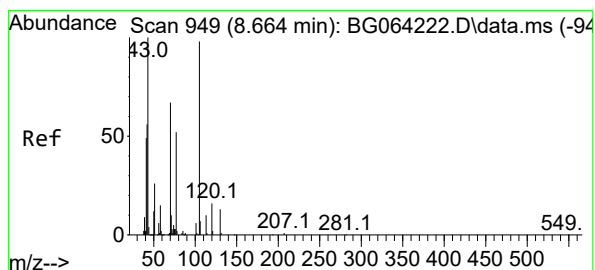
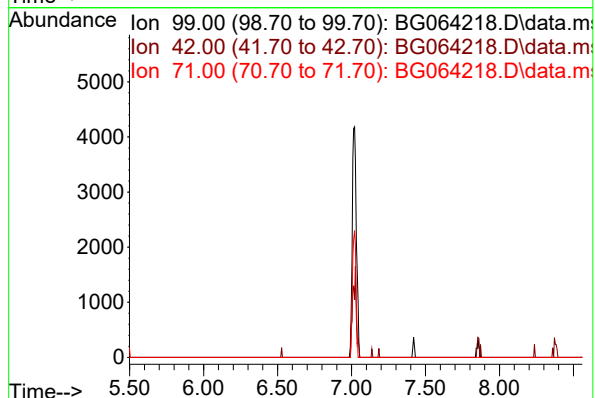
Tgt Ion: 99

Sig Exp Ratio

99 100

42 32.3

71 44.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.151 ng

RT: 8.654 min Scan# 947

Delta R.T. -0.010 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

Tgt Ion: 70 Resp: 3017

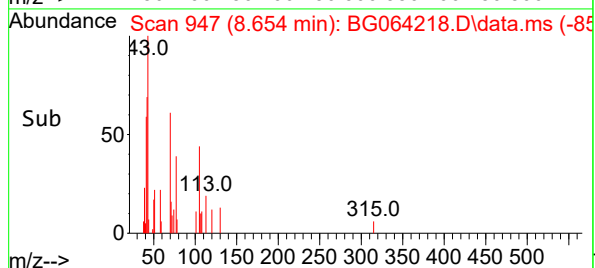
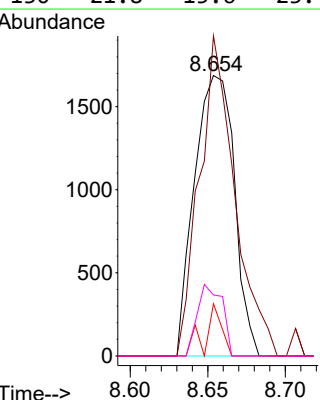
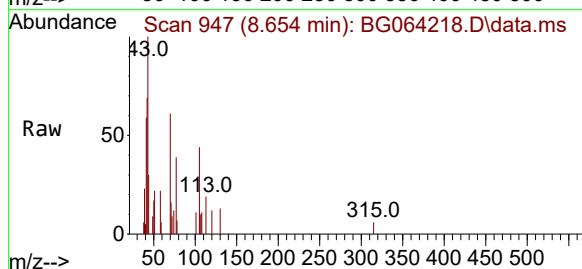
Ion Ratio Lower Upper

70 100

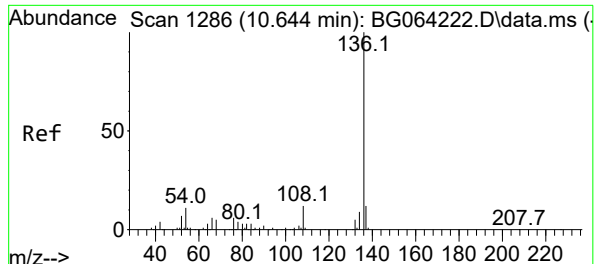
42 114.1 67.9 101.9#

101 18.6 7.3 10.9#

130 21.8 15.6 23.4







#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.645 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064218.D

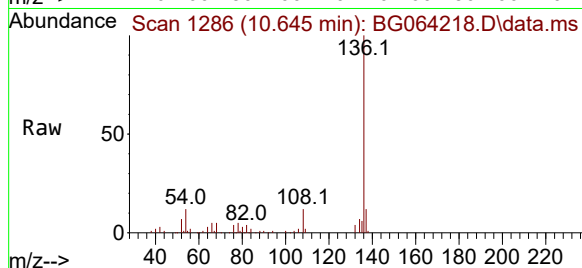
Acq: 28 Aug 2025 10:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 108069

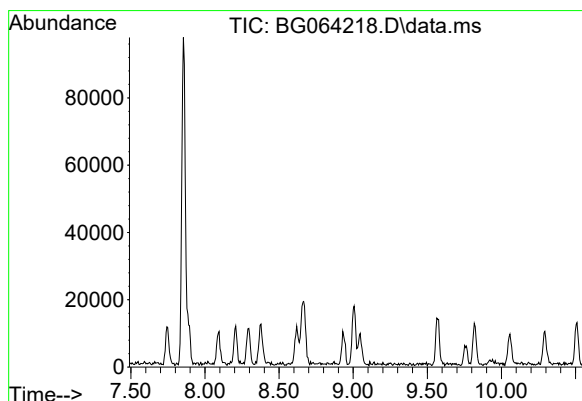
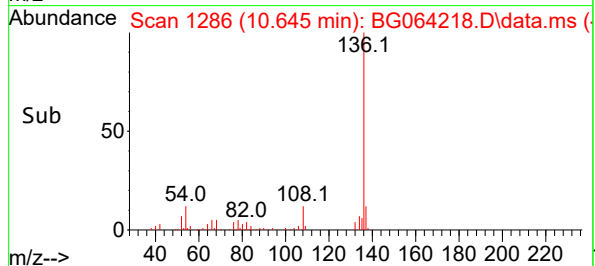
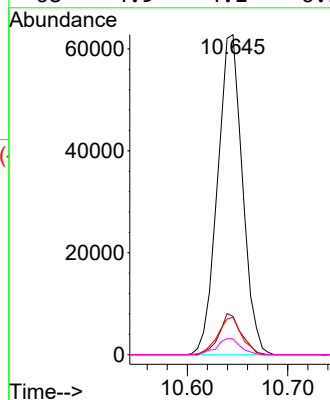
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 11.7 8.8 13.2

68 4.9 4.1 6.1



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.02 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

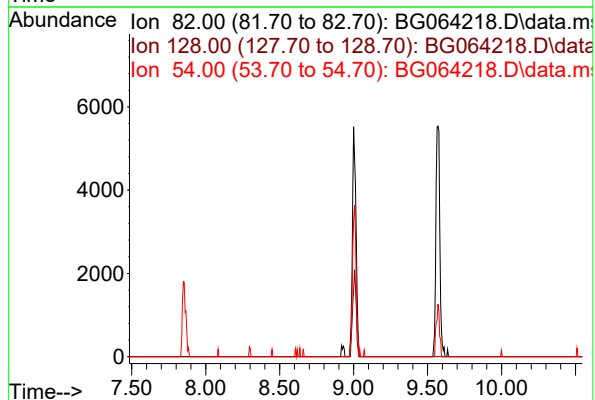
Tgt Ion: 82

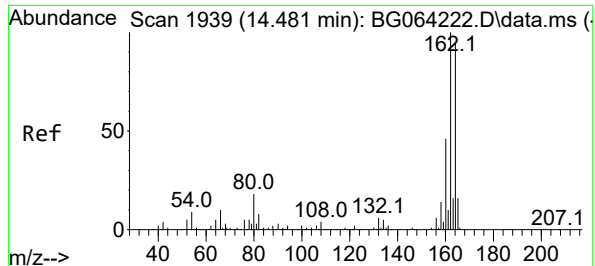
Sig Exp Ratio

82 100

128 40.7

54 68.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.482 min Scan# 1939

Delta R.T. 0.001 min

Lab File: BG064218.D

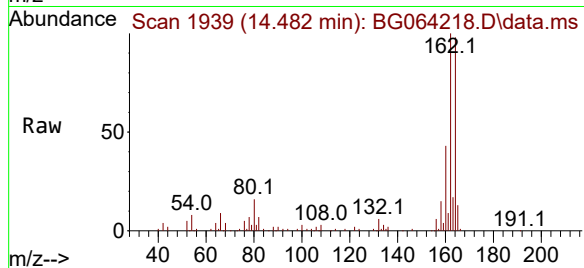
Acq: 28 Aug 2025 10:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5



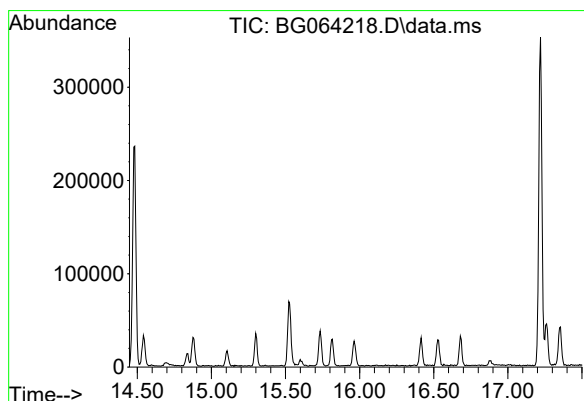
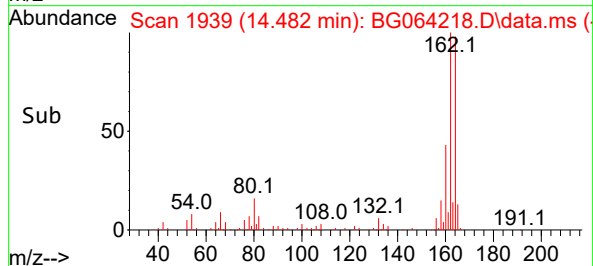
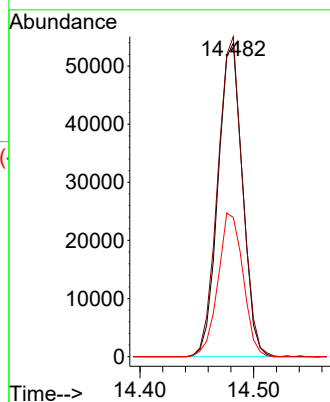
Tgt Ion:164 Resp: 80336

Ion Ratio Lower Upper

164 100

162 102.1 85.4 128.0

160 44.4 39.2 58.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.97 min

Lab File: BG064218.D

Acq: 28 Aug 2025 10:51

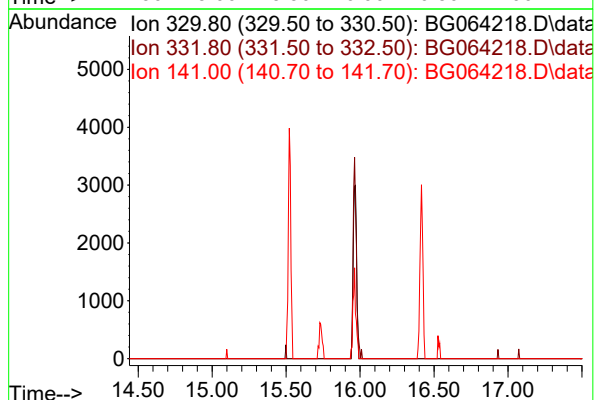
Tgt Ion: 330

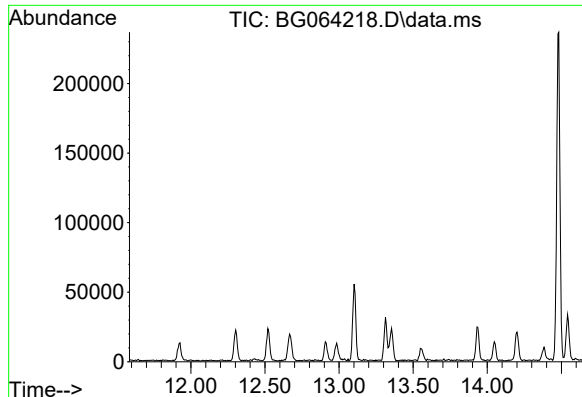
Sig Exp Ratio

330 100

332 97.0

141 37.2

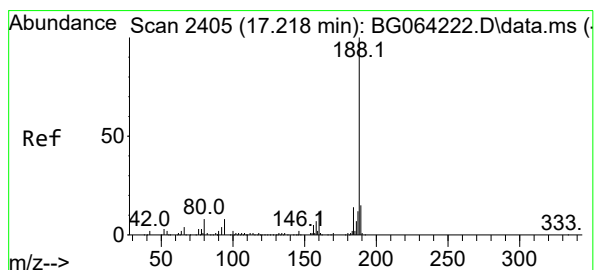
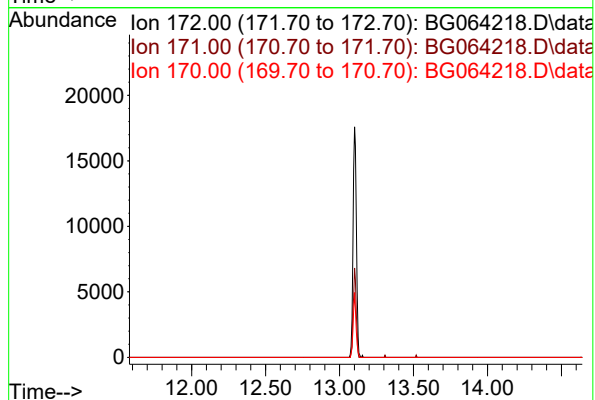




#45  
2-Fluorobiphenyl  
Concen: 0.000 ng  
Expected RT: 13.11 min  
Lab File: BG064218.D  
Acq: 28 Aug 2025 10:51

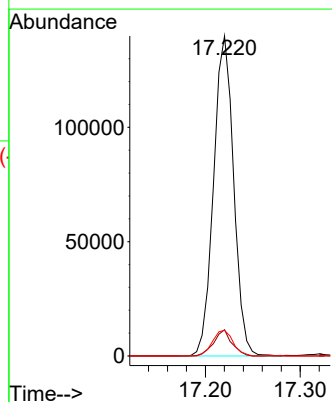
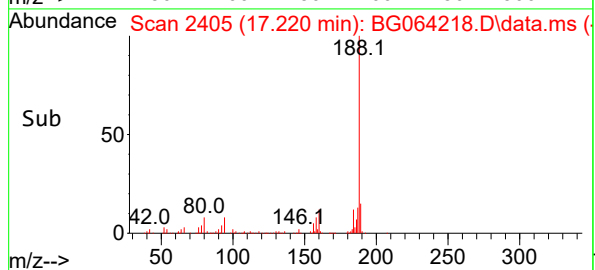
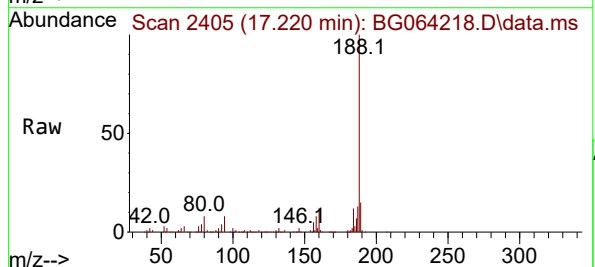
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

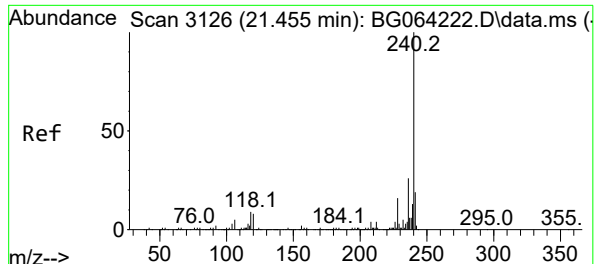
Tgt Ion: 172  
Sig Exp Ratio  
172 100  
171 35.9  
170 23.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.220 min Scan# 2405  
Delta R.T. -0.005 min  
Lab File: BG064218.D  
Acq: 28 Aug 2025 10:51

Tgt Ion: 188 Resp: 205650  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.2 9.4  
80 8.0 6.8 10.2

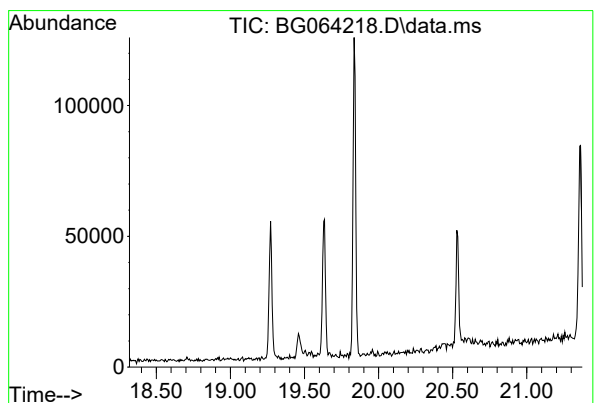
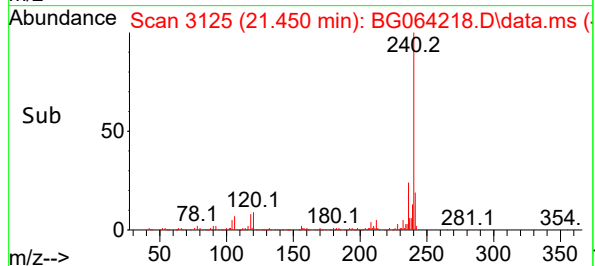
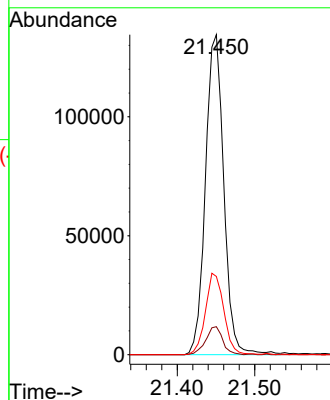
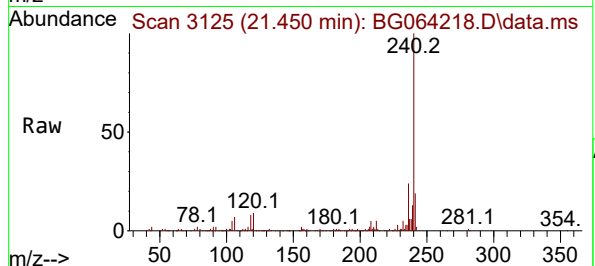




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.450 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG064218.D  
Acq: 28 Aug 2025 10:51

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC2.5

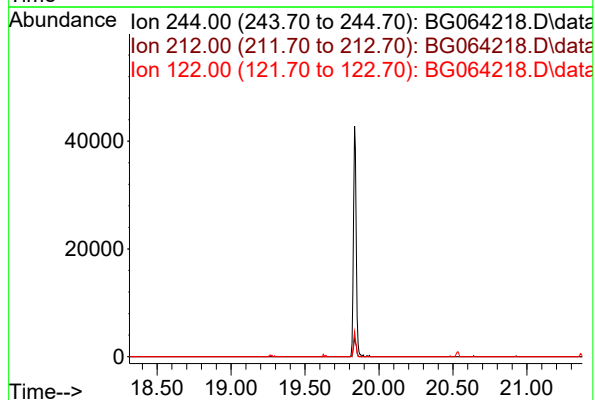
Tgt Ion:240 Resp: 221496  
Ion Ratio Lower Upper  
240 100  
120 8.8 6.2 9.4  
236 24.4 20.5 30.7

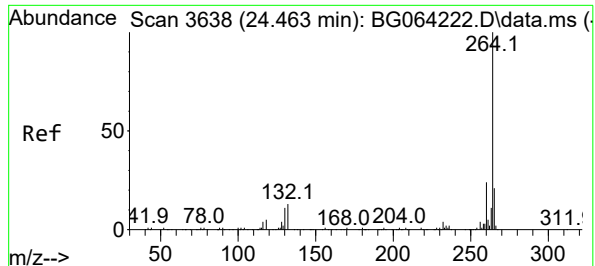


#79  
Terphenyl-d14  
Concen: 0.000 ng  
Expected RT: 19.85 min

Lab File: BG064218.D  
Acq: 28 Aug 2025 10:51

Tgt Ion: 244  
Sig Exp Ratio  
244 100  
212 8.3  
122 8.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.453 min Scan# 30

Delta R.T. -0.010 min

Lab File: BG064218.D

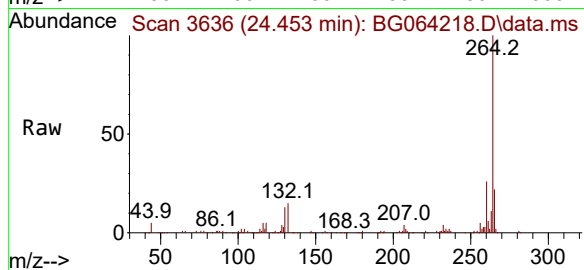
Acq: 28 Aug 2025 10:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC2.5



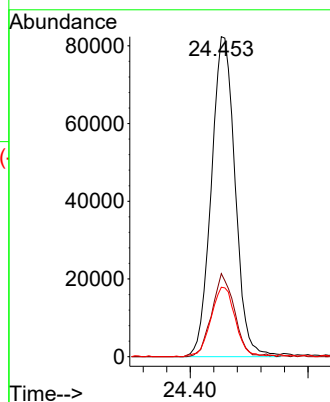
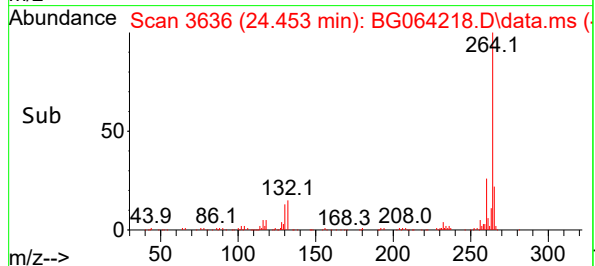
Tgt Ion:264 Resp: 230662

Ion Ratio Lower Upper

264 100

260 25.9 18.9 28.3

265 21.7 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064219.D  
 Acq On : 28 Aug 2025 11:32  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC005

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:09 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.859  | 152  | 24098    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.644 | 136  | 109950   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.481 | 164  | 78593    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.219 | 188  | 199845   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.449 | 240  | 219683   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.458 | 264  | 241429   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.439  | 112  | 13573    | 10.105 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.019  | 99   | 18310    | 9.922  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.005  | 82   | 18764    | 9.518  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.962 | 330  | 11040    | 10.605 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.106 | 172  | 53596    | 10.409 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.839 | 244  | 110867   | 10.529 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.365  | 88   | 3459     | 6.178  | ng    | 88       |
| 3) Pyridine                   | 3.752  | 79   | 8730     | 5.297  | ng    | # 58     |
| 6) Aniline                    | 7.184  | 93   | 12228    | 4.792  | ng    | 89       |
| 8) 2-Chlorophenol             | 7.419  | 128  | 7939     | 4.837  | ng    | 96       |
| 10) Phenol                    | 7.043  | 94   | 9580     | 4.709  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.278  | 93   | 7421     | 4.854  | ng    | 88       |
| 12) 1,3-Dichlorobenzene       | 7.742  | 146  | 8854m    | 5.071  | ng    |          |
| 13) 1,4-Dichlorobenzene       | 7.895  | 146  | 9030     | 5.124  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.206  | 146  | 8131     | 4.781  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.376  | 45   | 17609    | 5.045  | ng    | 95       |
| 17) 2-Methylphenol            | 8.294  | 107  | 7155     | 4.719  | ng    | # 91     |
| 18) Hexachloroethane          | 8.935  | 117  | 3344     | 4.861  | ng    | 86       |
| 19) n-Nitroso-di-n-propyla... | 8.653  | 70   | 7001     | 4.957  | ng    | # 98     |
| 22) Acetophenone              | 8.670  | 105  | 14639    | 5.263  | ng    | # 99     |
| 24) Nitrobenzene              | 9.046  | 77   | 9728     | 4.723  | ng    | 98       |
| 25) Isophorone                | 9.569  | 82   | 20579    | 5.023  | ng    | # 95     |
| 26) 2-Nitrophenol             | 9.757  | 139  | 3668     | 4.121  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.816  | 122  | 7568     | 4.843  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.057 | 93   | 10885    | 4.927  | ng    | # 88     |
| 29) 2,4-Dichlorophenol        | 10.292 | 162  | 7945     | 4.819  | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.509 | 180  | 9136     | 5.255  | ng    | 95       |
| 31) Naphthalene               | 10.691 | 128  | 30344    | 5.322  | ng    | # 94     |
| 33) 4-Chloroaniline           | 10.797 | 127  | 10141    | 4.589  | ng    | # 91     |
| 34) Hexachlorobutadiene       | 10.985 | 225  | 6663     | 5.185  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.925 | 107  | 10455    | 4.887  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.301 | 142  | 21107    | 4.980  | ng    | 87       |
| 38) 1-Methylnaphthalene       | 12.525 | 142  | 21661m   | 5.175  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.671 | 216  | 10879    | 4.797  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.912 | 196  | 7156     | 4.721  | ng    | 87       |
| 44) 2,4,5-Trichlorophenol     | 12.977 | 196  | 7600     | 4.622  | ng    | 84       |
| 46) 1,1'-Biphenyl             | 13.312 | 154  | 28672    | 5.009  | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.359 | 162  | 21411    | 4.975  | ng    | 100      |
| 48) 2-Nitroaniline            | 13.553 | 65   | 5960     | 4.063  | ng    | 89       |
| 49) Acenaphthylene            | 14.199 | 152  | 32547    | 5.116  | ng    | 99       |
| 50) Dimethylphthalate         | 13.935 | 163  | 32855    | 5.523  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.052 | 165  | 4684     | 4.067  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064219.D  
 Acq On : 28 Aug 2025 11:32  
 Operator : RC/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:09 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

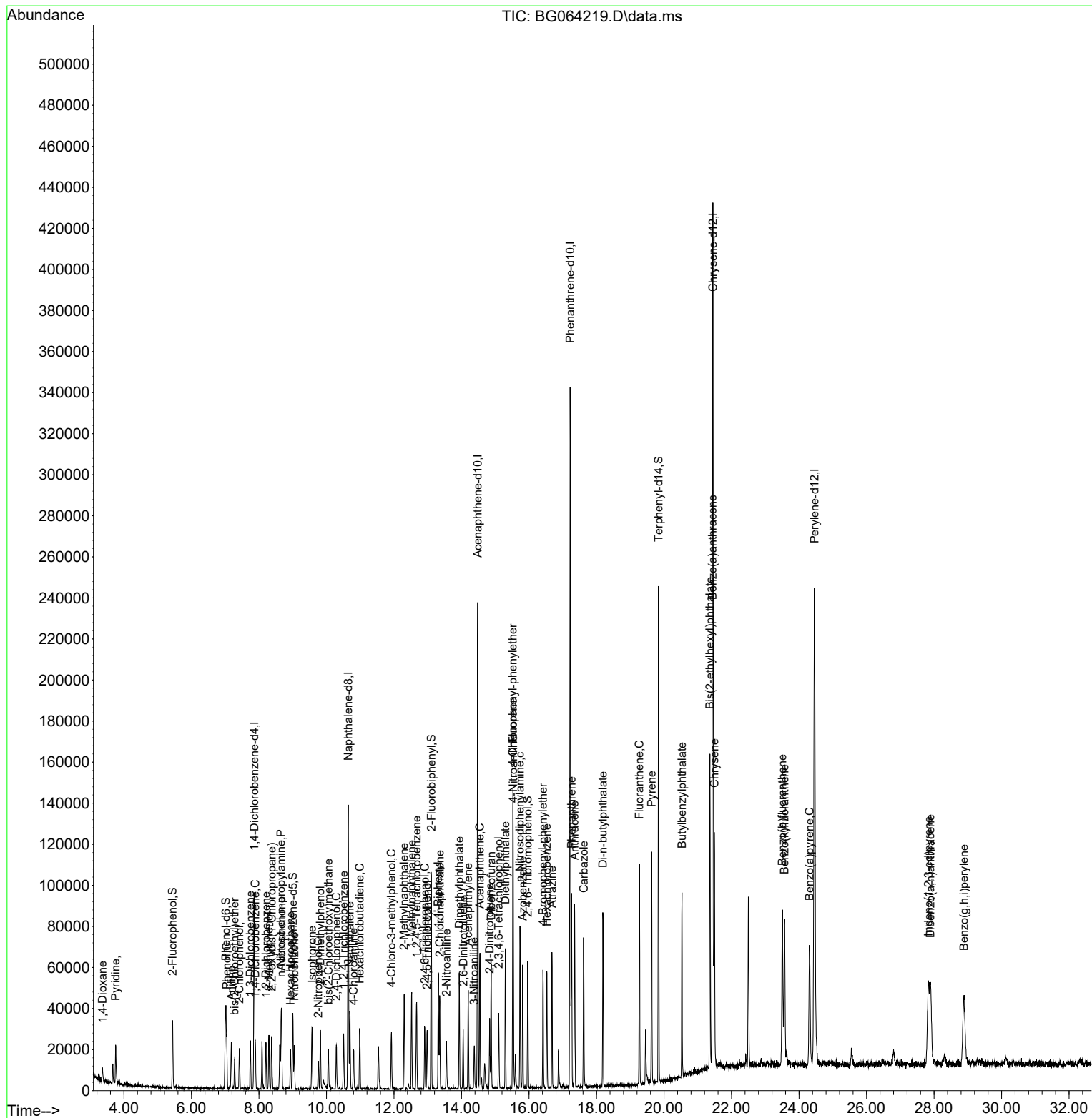
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.546 | 154  | 22964    | 5.115 | ng    | 94       |
| 53) 3-Nitroaniline            | 14.375 | 138  | 5404     | 4.480 | ng #  | 98       |
| 55) Dibenzofuran              | 14.881 | 168  | 37579    | 5.322 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.834 | 165  | 7779     | 4.467 | ng #  | 94       |
| 58) Fluorene                  | 15.527 | 166  | 30779    | 5.318 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 7695     | 4.866 | ng #  | 96       |
| 60) Diethylphthalate          | 15.298 | 149  | 35947    | 5.646 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.521 | 204  | 15345    | 5.318 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.533 | 138  | 5254     | 4.268 | ng #  | 75       |
| 63) Azobenzene                | 15.815 | 77   | 29276    | 5.159 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.733 | 169  | 27609    | 5.022 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.414 | 248  | 9745     | 4.591 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.526 | 284  | 12043    | 5.109 | ng    | 92       |
| 69) Atrazine                  | 16.678 | 200  | 12001    | 5.228 | ng    | 97       |
| 71) Phenanthrene              | 17.260 | 178  | 55100    | 5.227 | ng    | 97       |
| 72) Anthracene                | 17.348 | 178  | 56156    | 5.237 | ng    | 99       |
| 73) Carbazole                 | 17.619 | 167  | 49241    | 5.213 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.188 | 149  | 59765    | 5.267 | ng    | 98       |
| 75) Fluoranthene              | 19.270 | 202  | 66964    | 5.403 | ng    | 99       |
| 78) Pyrene                    | 19.634 | 202  | 70961    | 5.127 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.533 | 149  | 24638    | 4.720 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.432 | 228  | 72646    | 5.169 | ng    | 96       |
| 83) Chrysene                  | 21.490 | 228  | 70143    | 5.199 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.361 | 149  | 39184    | 5.000 | ng    | 94       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.836 | 276  | 79337    | 4.812 | ng    | 92       |
| 88) Benzo(b)fluoranthene      | 23.506 | 252  | 65111    | 4.778 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.570 | 252  | 70084    | 5.049 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.311 | 252  | 61491    | 4.851 | ng #  | 95       |
| 91) Dibenzo(a,h)anthracene    | 27.895 | 278  | 63017    | 4.760 | ng #  | 96       |
| 92) Benzo(g,h,i)perylene      | 28.888 | 276  | 64396    | 4.999 | ng #  | 96       |

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

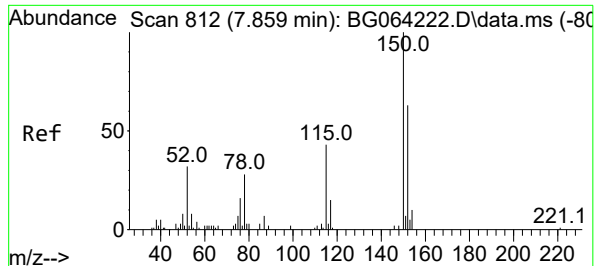
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC005

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jaagrut Upadhyay 08/29/2025

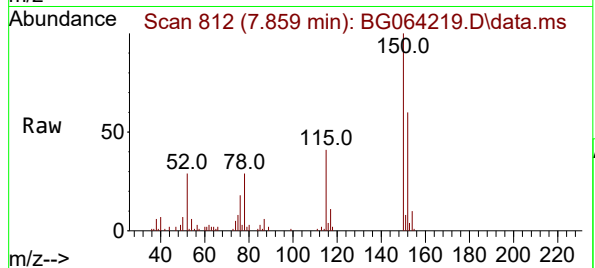






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.859 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

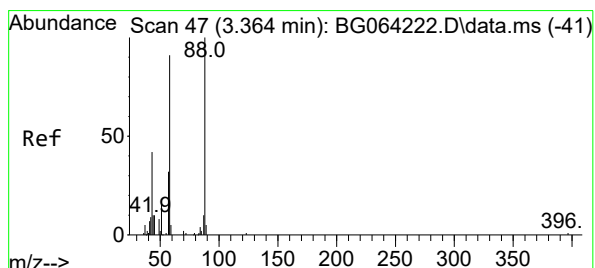
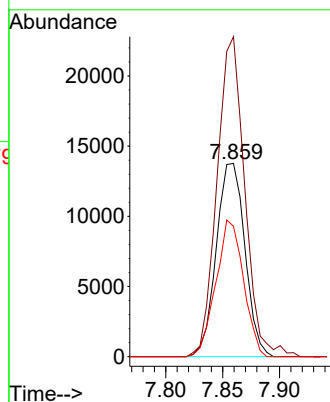
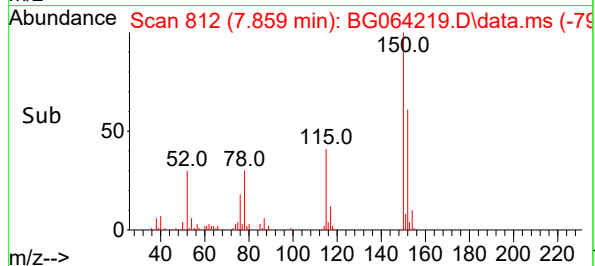
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:152 Resp: 24098  
Ion Ratio Lower Upper  
152 100  
150 165.6 128.0 192.0  
115 67.5 55.7 83.5

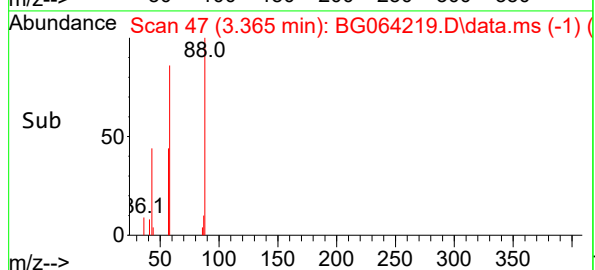
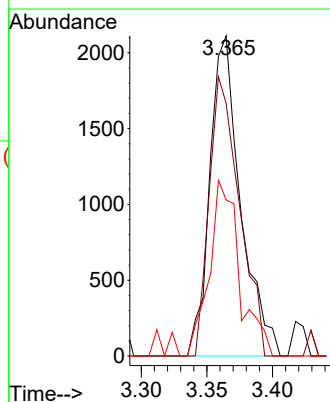
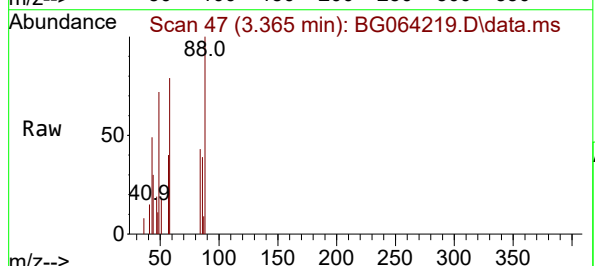
Manual Integrations  
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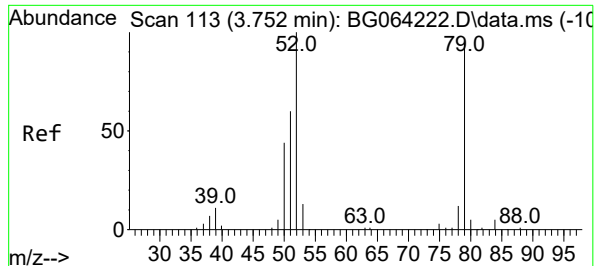
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#2  
1,4-Dioxane  
Concen: 6.178 ng  
RT: 3.365 min Scan# 47  
Delta R.T. 0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

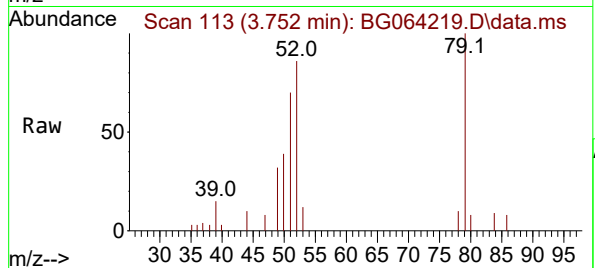
Tgt Ion: 88 Resp: 3459  
Ion Ratio Lower Upper  
88 100  
58 85.5 80.8 121.2  
43 53.5 40.3 60.5





#3  
Pyridine  
Concen: 5.297 ng  
RT: 3.752 min Scan# 113  
Delta R.T. 0.000 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

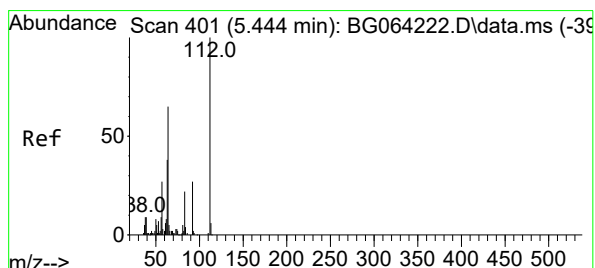
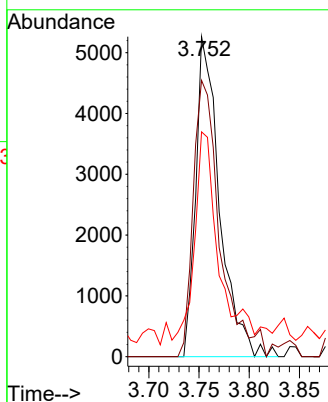
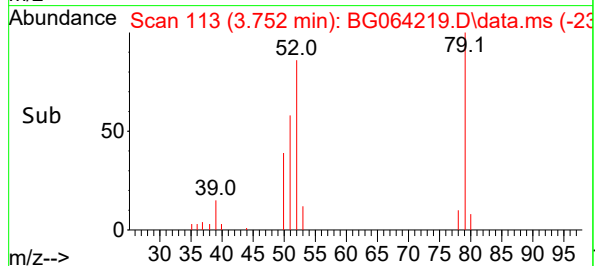
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 79 Resp: 8730  
Ion Ratio Lower Upper  
79 100  
52 86.3 86.6 129.8  
51 70.3 114.1 171.1

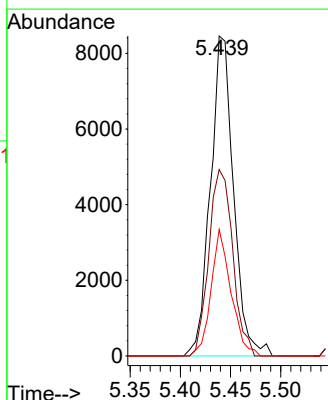
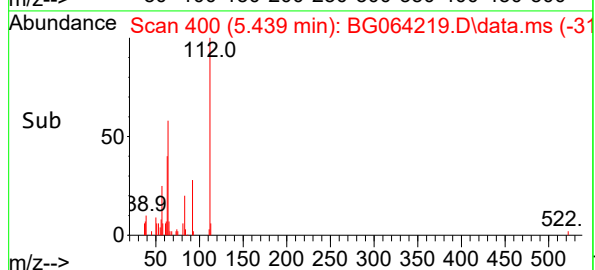
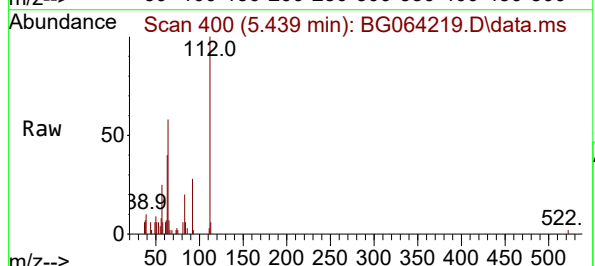
Manual Integrations  
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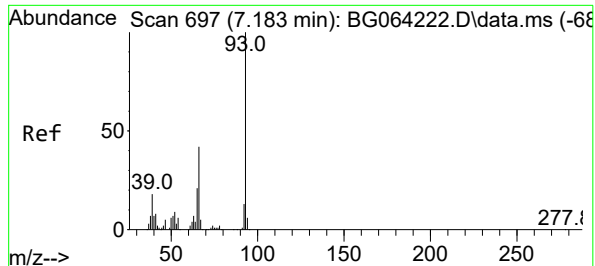
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#5  
2-Fluorophenol  
Concen: 10.105 ng  
RT: 5.439 min Scan# 400  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:112 Resp: 13573  
Ion Ratio Lower Upper  
112 100  
64 58.3 51.8 77.6  
63 39.5 30.6 45.8





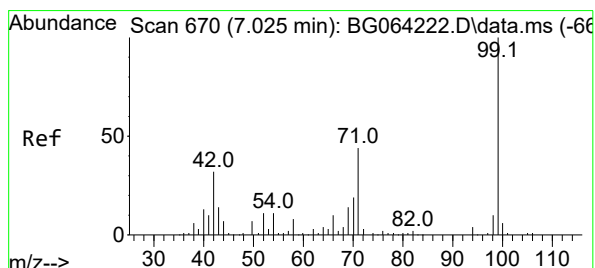
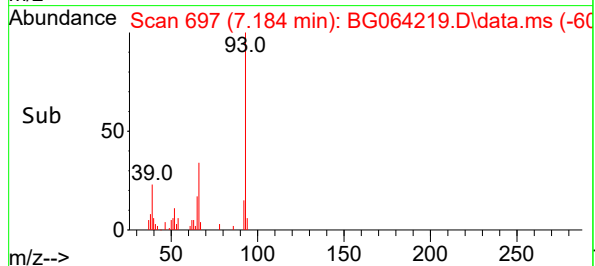
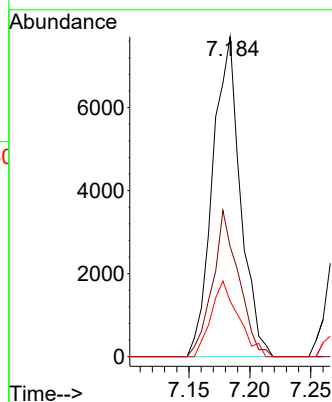
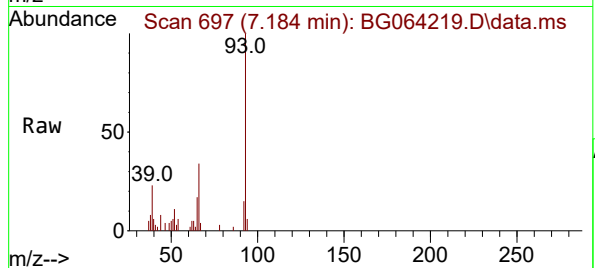
#6  
Aniline  
Concen: 4.792 ng  
RT: 7.184 min Scan# 697  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 93 Resp: 12228  
Ion Ratio Lower Upper  
93 100  
66 34.5 33.8 50.8  
65 17.4 16.9 25.3

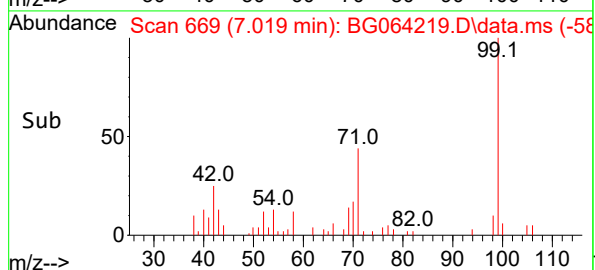
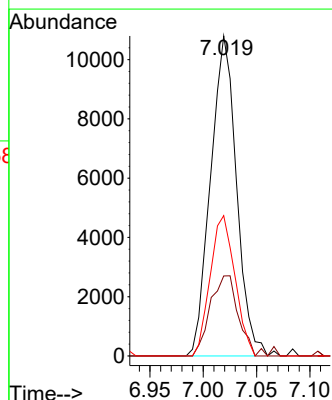
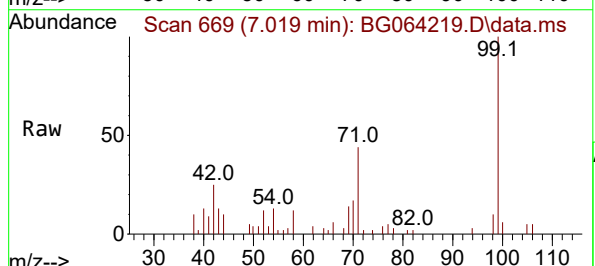
Manual Integrations  
APPROVED

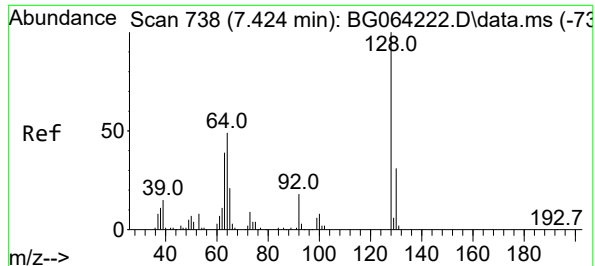
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#7  
Phenol-d6  
Concen: 9.922 ng  
RT: 7.019 min Scan# 669  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion: 99 Resp: 18310  
Ion Ratio Lower Upper  
99 100  
42 25.0 25.8 38.8#  
71 43.9 35.2 52.8





#8

2-Chlorophenol

Concen: 4.837 ng

RT: 7.419 min Scan# 71

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

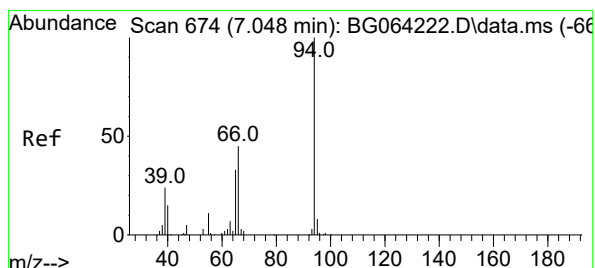
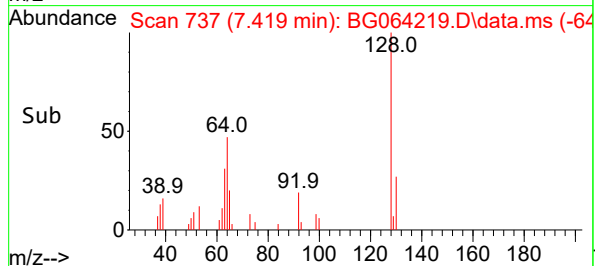
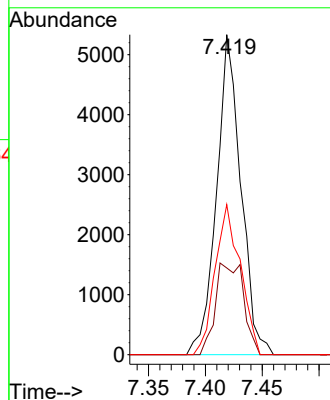
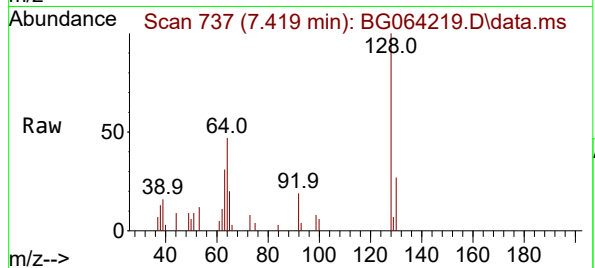
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7939  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 27.1  | 10.9  | 50.9  |
| 64       | 46.9  | 28.7  | 68.7  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 4.709 ng

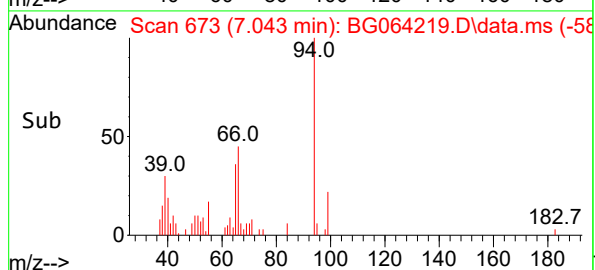
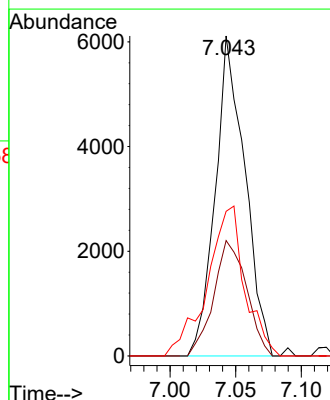
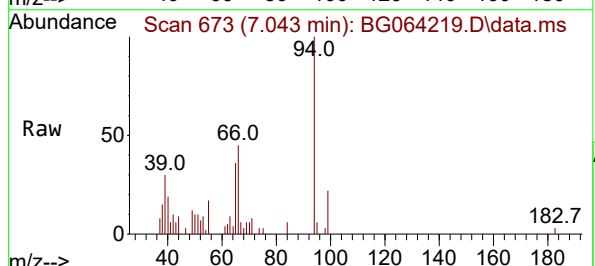
RT: 7.043 min Scan# 673

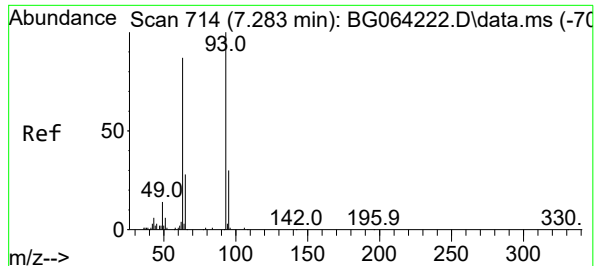
Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 9580  |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 36.0  | 13.5  | 53.5  |
| 66       | 45.2  | 26.2  | 66.2  |





#11

bis(2-Chloroethyl)ether

Concen: 4.854 ng

RT: 7.278 min Scan# 714

Delta R.T. -0.006 min

Lab File: BG064219.D

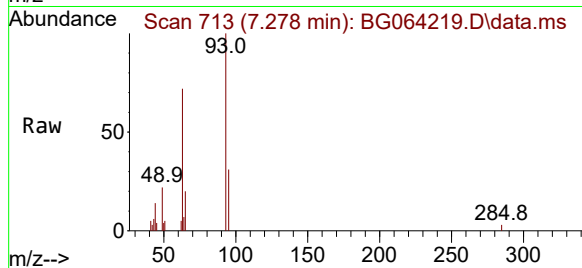
Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005



Tgt Ion: 93 Resp: 742

Ion Ratio Lower Upper

93 100

63 71.9 66.2 106.2

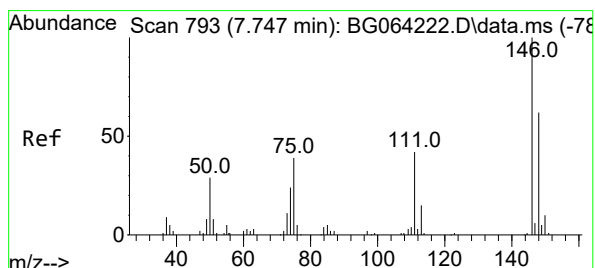
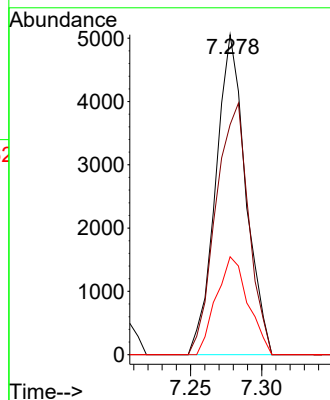
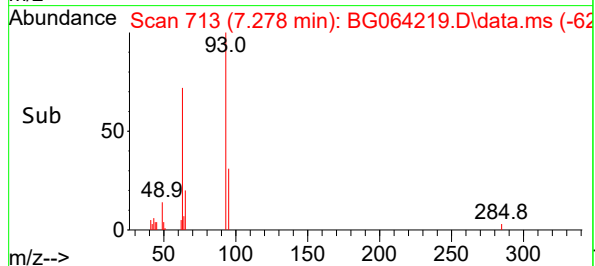
95 30.6 9.8 49.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 5.071 ng m

RT: 7.742 min Scan# 792

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

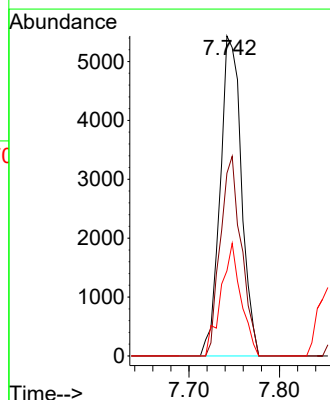
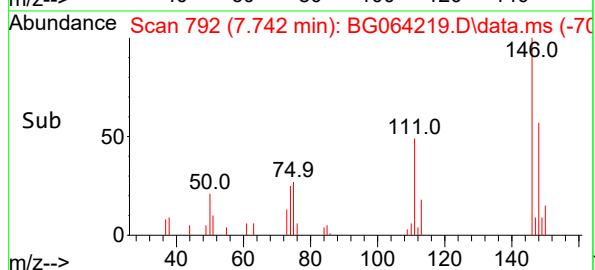
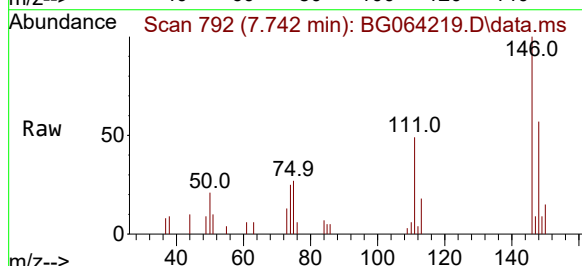
Tgt Ion:146 Resp: 8854

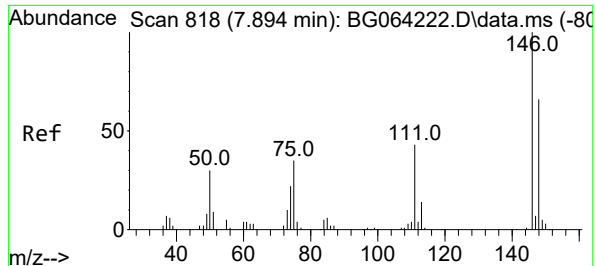
Ion Ratio Lower Upper

146 100

148 57.1 49.6 74.4

75 26.6 31.0 46.6#





#13

1,4-Dichlorobenzene

Concen: 5.124 ng

RT: 7.895 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 9030

Ion Ratio Lower Upper

146 100

148 59.0 52.8 79.2

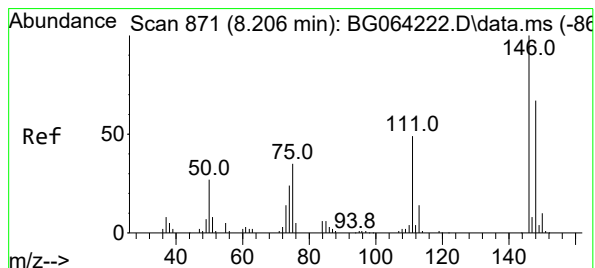
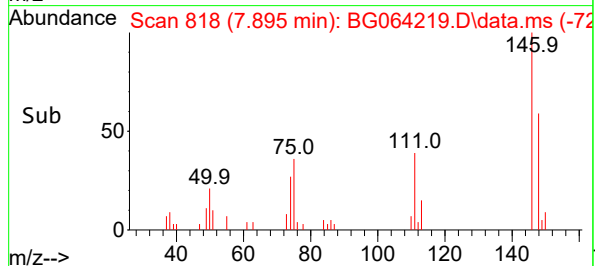
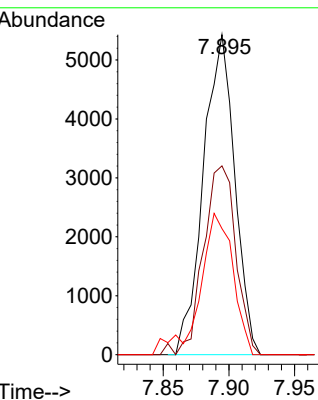
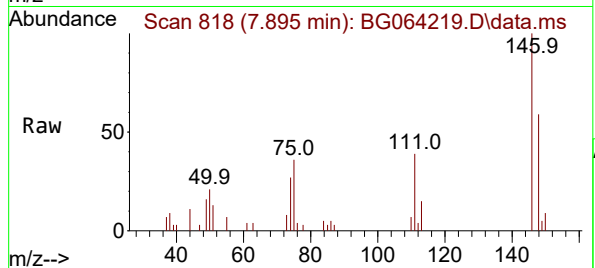
111 39.4 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 4.781 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

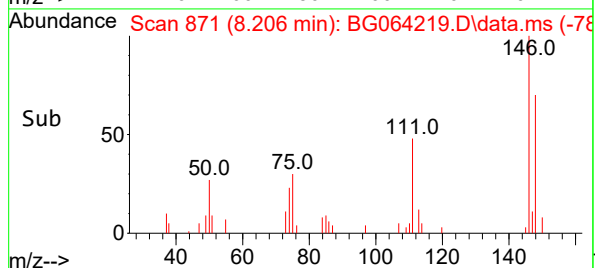
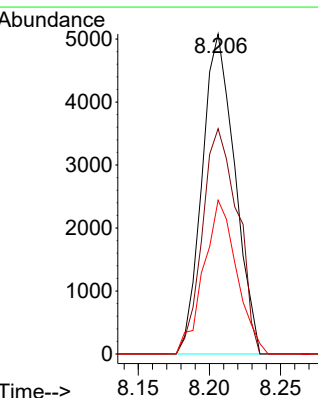
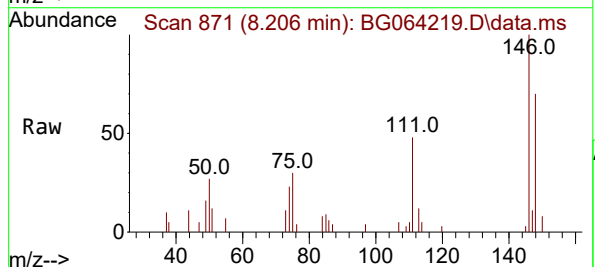
Tgt Ion:146 Resp: 8131

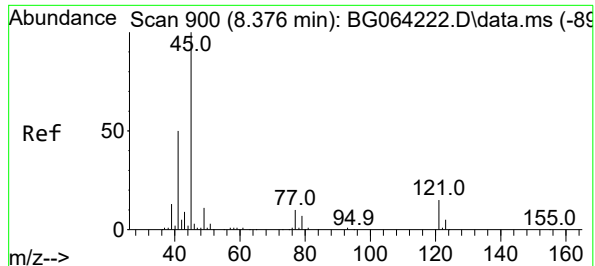
Ion Ratio Lower Upper

146 100

148 70.4 53.4 80.0

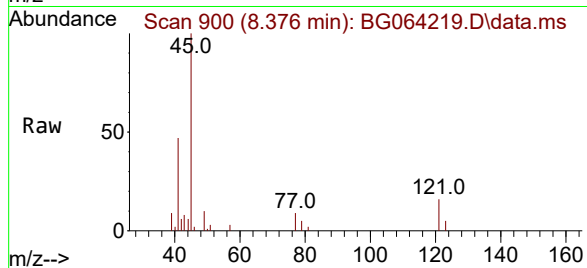
111 48.1 39.1 58.7





#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.045 ng  
RT: 8.376 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

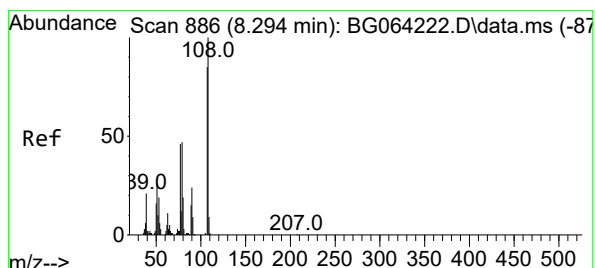
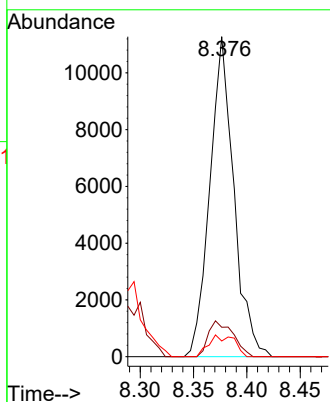
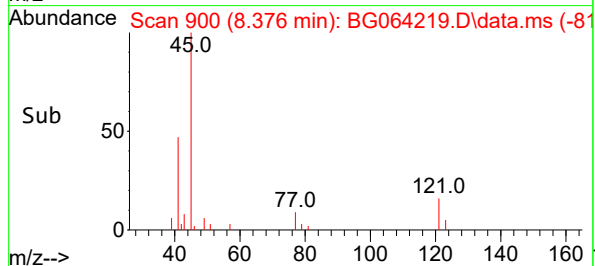
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 45 Resp: 17609  
Ion Ratio Lower Upper  
45 100  
77 9.2 0.0 30.0  
79 4.9 0.0 27.9

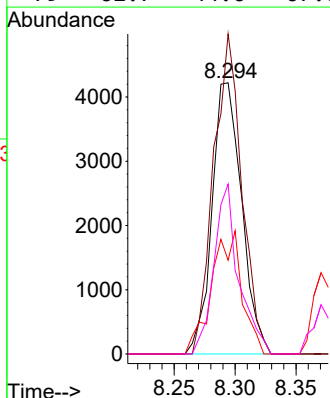
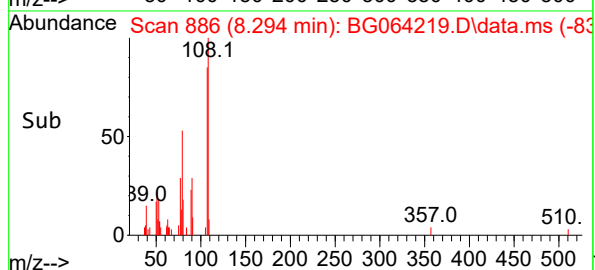
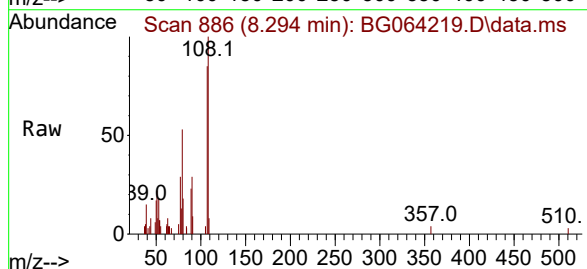
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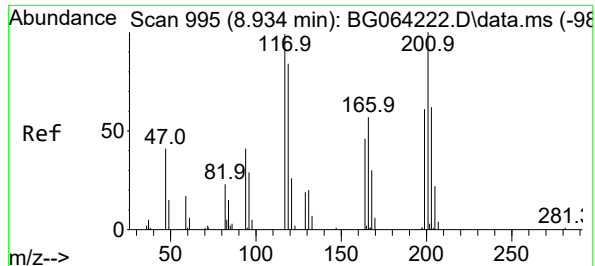
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#17  
2-Methylphenol  
Concen: 4.719 ng  
RT: 8.294 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

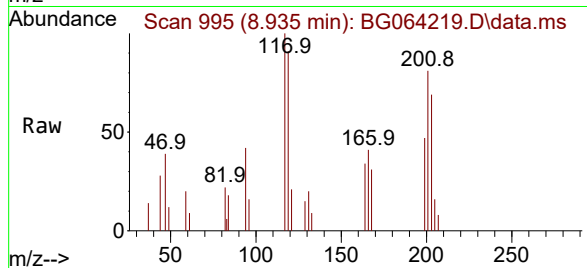
Tgt Ion:107 Resp: 7155  
Ion Ratio Lower Upper  
107 100  
108 118.0 94.6 141.8  
77 34.6 43.7 65.5#  
79 62.7 44.6 67.0





#18  
Hexachloroethane  
Concen: 4.861 ng  
RT: 8.935 min Scan# 995  
Delta R.T. 0.000 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

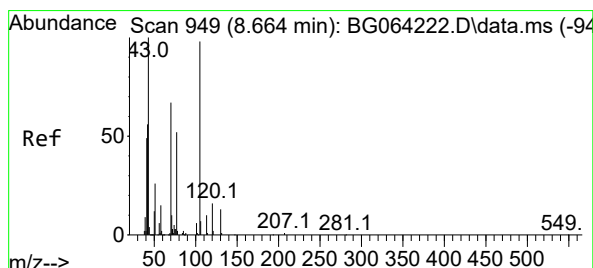
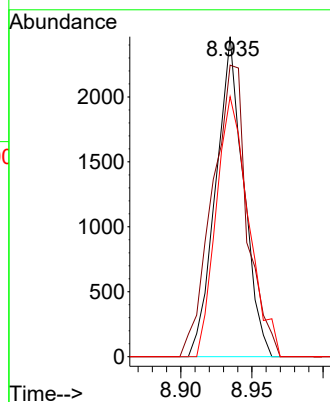
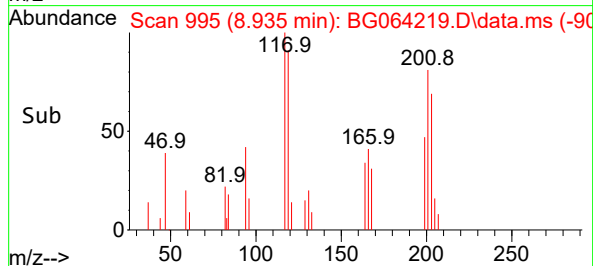
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:117 Resp: 334  
Ion Ratio Lower Upper  
117 100  
119 91.1 67.9 101.9  
201 81.3 80.5 120.7

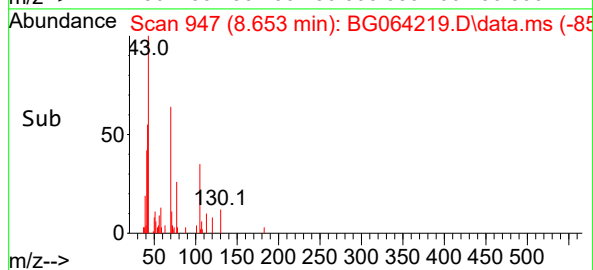
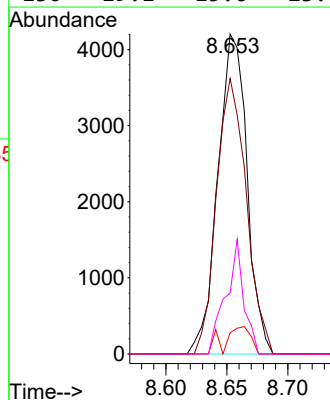
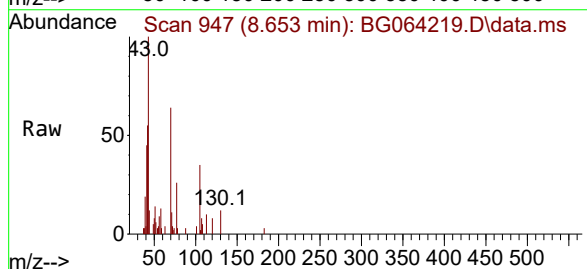
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

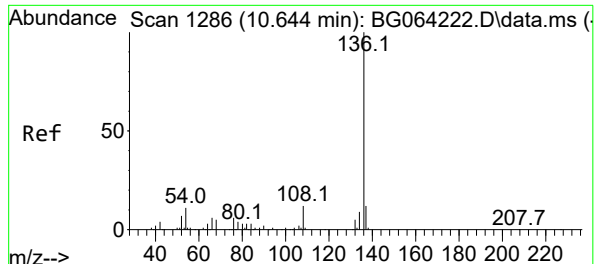


#19  
n-Nitroso-di-n-propylamine  
Concen: 4.957 ng  
RT: 8.653 min Scan# 947  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion: 70 Resp: 7001  
Ion Ratio Lower Upper  
70 100  
42 86.1 67.9 101.9  
101 6.7 7.3 10.9#  
130 19.1 15.6 23.4

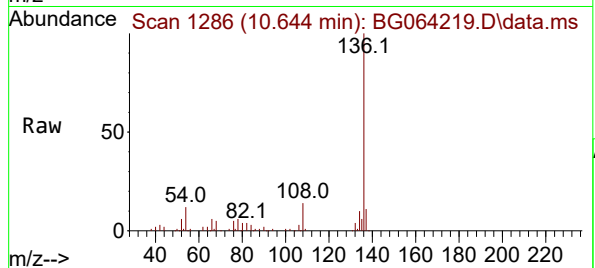






#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.644 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

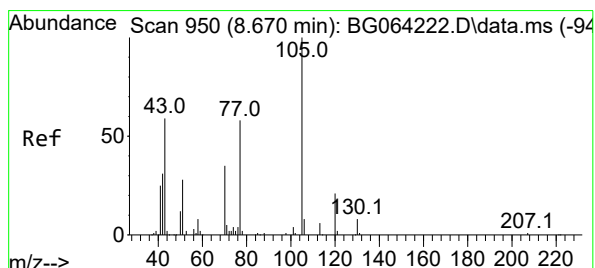
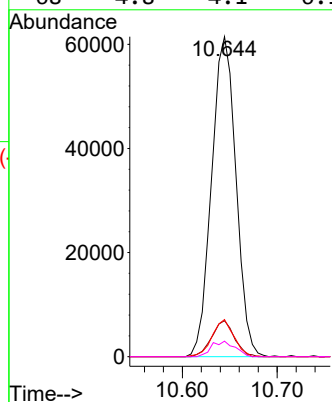
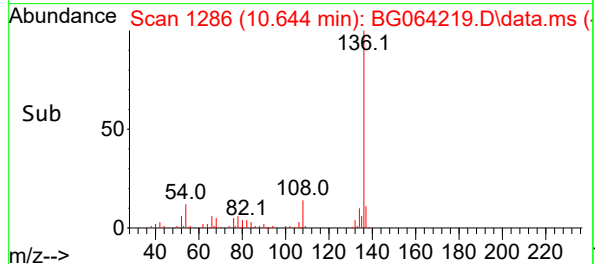
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:136 Resp: 109950  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.6 14.4  
54 11.6 8.8 13.2  
68 4.8 4.1 6.1

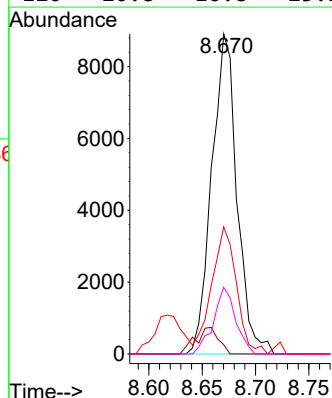
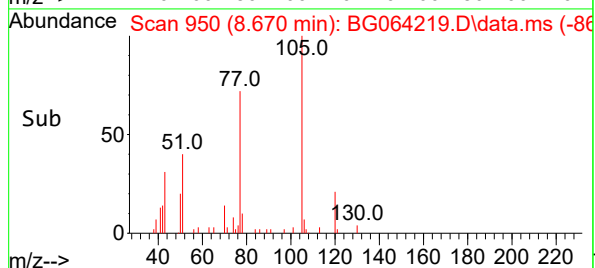
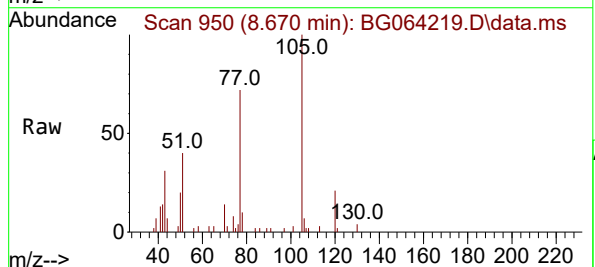
Manual Integrations  
APPROVED

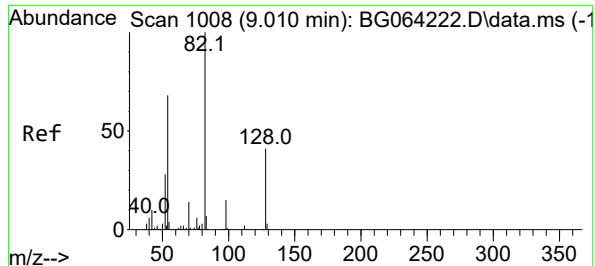
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#22  
Acetophenone  
Concen: 5.263 ng  
RT: 8.670 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:105 Resp: 14639  
Ion Ratio Lower Upper  
105 100  
71 2.9 4.3 6.5#  
51 39.7 32.4 48.6  
120 20.8 16.8 25.2





#23

Nitrobenzene-d5

Concen: 9.518 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 18764

Ion Ratio Lower Upper

82 100

128 38.5 32.6 48.8

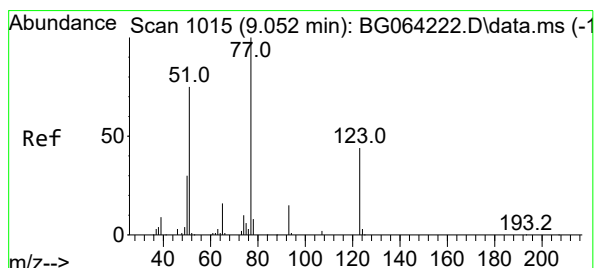
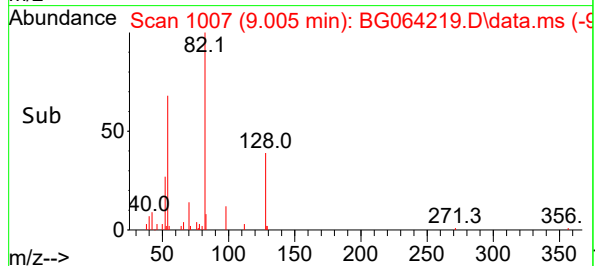
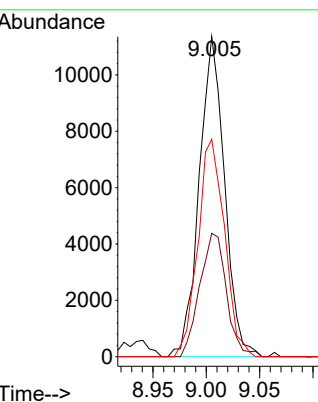
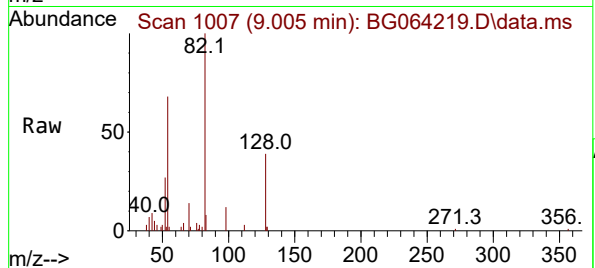
54 67.9 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 4.723 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

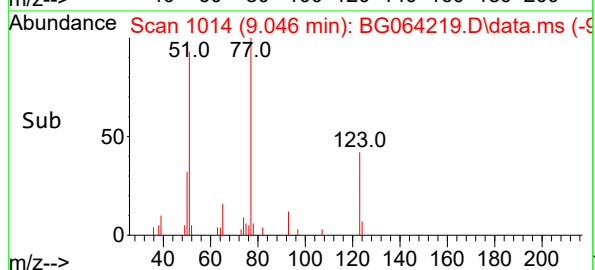
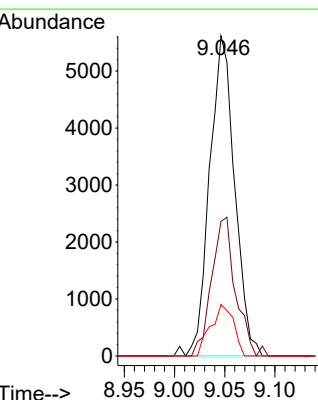
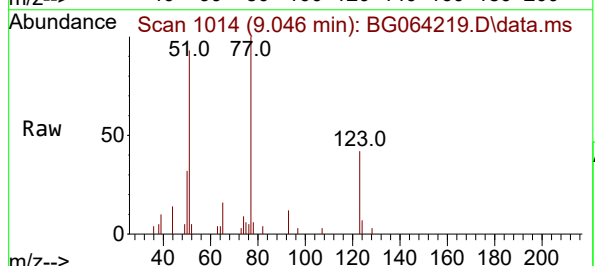
Tgt Ion: 77 Resp: 9728

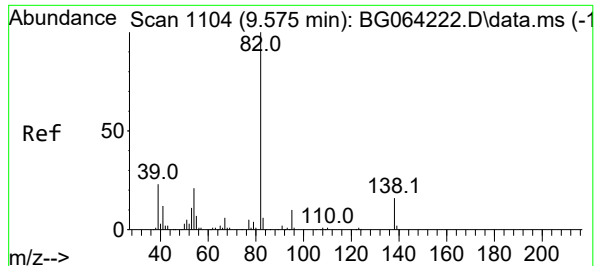
Ion Ratio Lower Upper

77 100

123 42.1 35.2 52.8

65 16.1 12.6 19.0





#25  
Isophorone  
Concen: 5.023 ng  
RT: 9.569 min Scan# 1103  
Delta R.T. -0.017 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

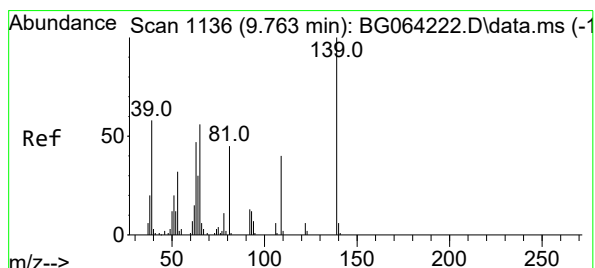
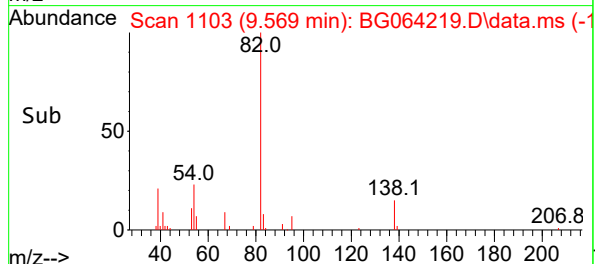
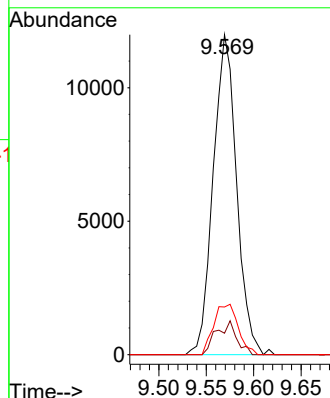
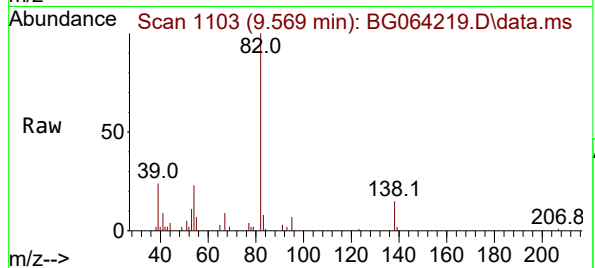
SSTDICC005

Tgt Ion: 82 Resp: 20579  
Ion Ratio Lower Upper  
82 100  
95 6.7 7.9 11.9  
138 14.9 13.0 19.4

Manual Integrations

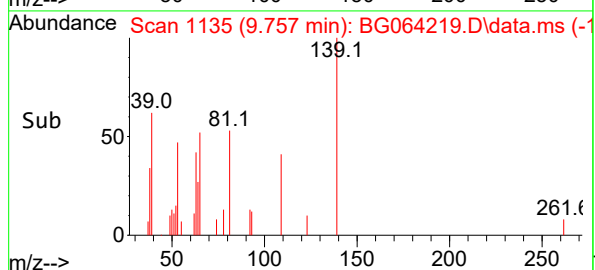
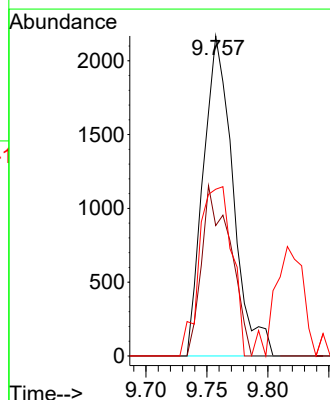
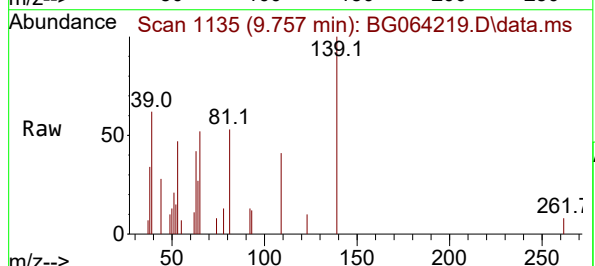
APPROVED

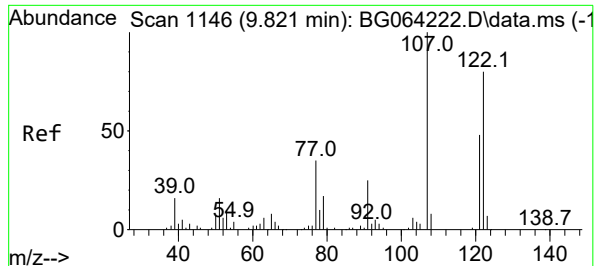
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#26  
2-Nitrophenol  
Concen: 4.121 ng  
RT: 9.757 min Scan# 1135  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:139 Resp: 3668  
Ion Ratio Lower Upper  
139 100  
109 40.8 32.4 48.6  
65 52.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 4.843 ng

RT: 9.816 min Scan# 1146

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

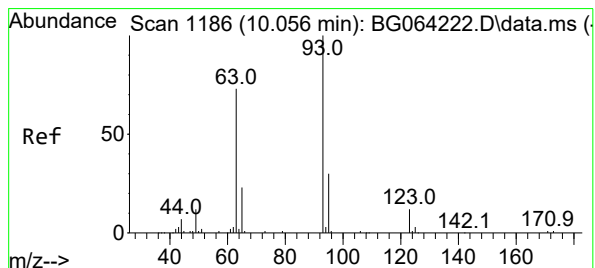
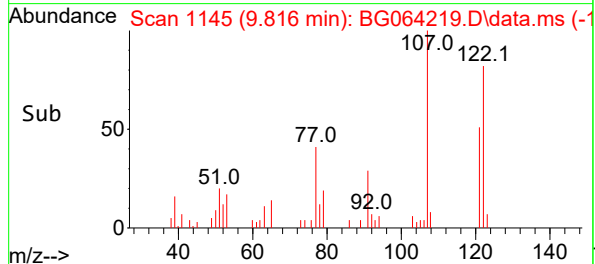
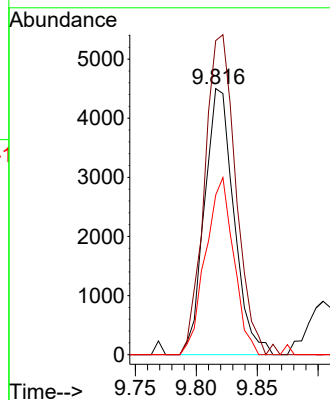
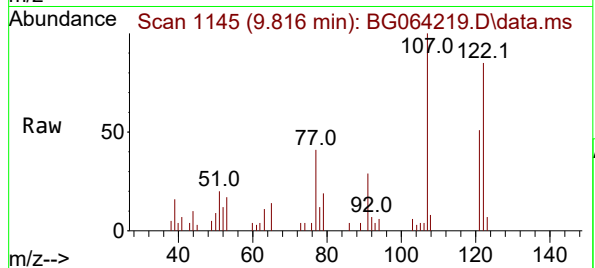
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.0 | 99.9  | 149.9 |
| 121     | 60.0  | 48.6  | 72.8  |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.927 ng

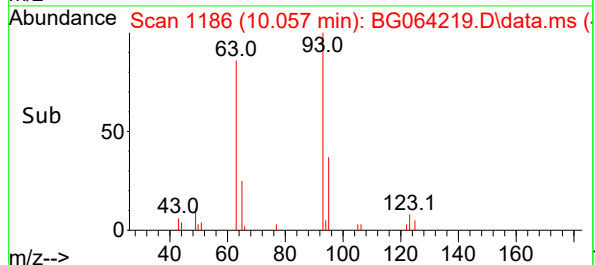
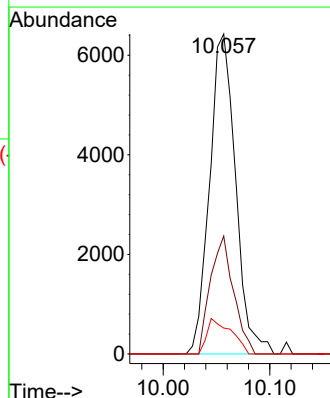
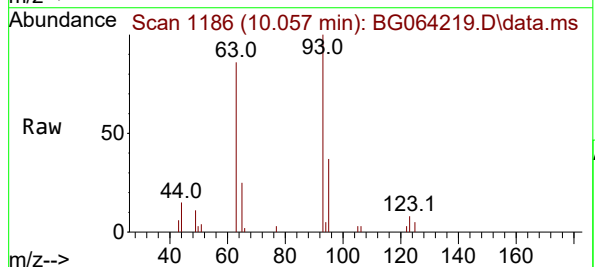
RT: 10.057 min Scan# 1186

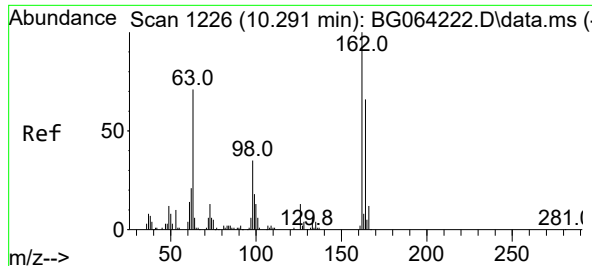
Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 36.8  | 23.9  | 35.9# |
| 123     | 8.1   | 9.6   | 14.4# |





#29

2,4-Dichlorophenol

Concen: 4.819 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

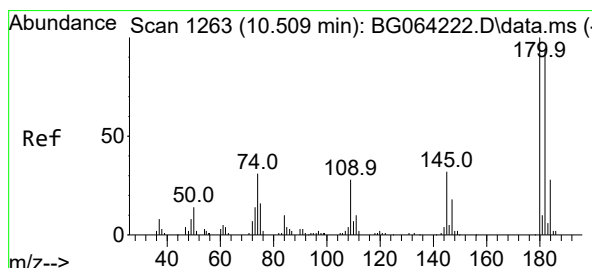
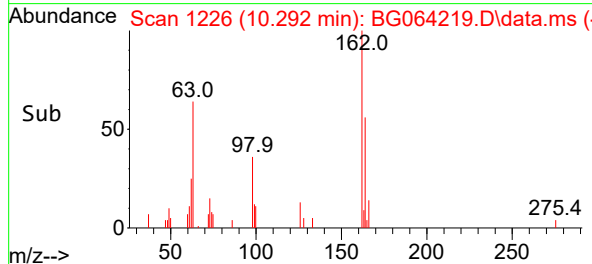
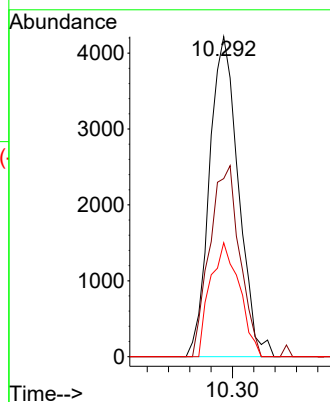
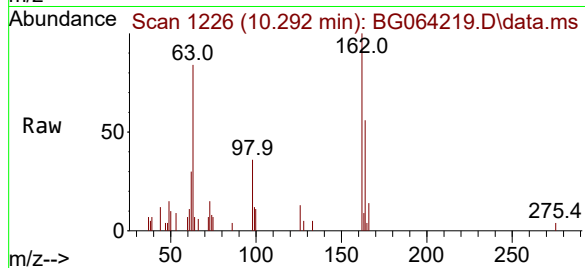
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 55.7  | 45.8  | 85.8  |
| 98      | 35.6  | 15.2  | 55.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.255 ng

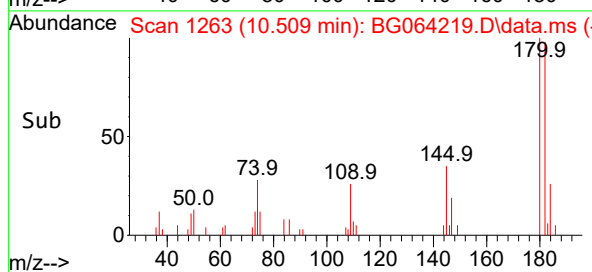
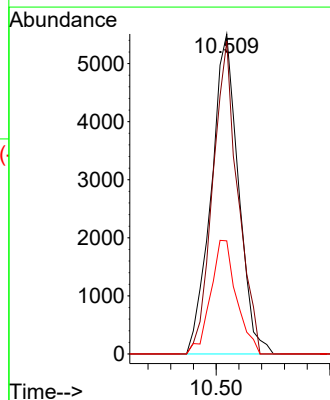
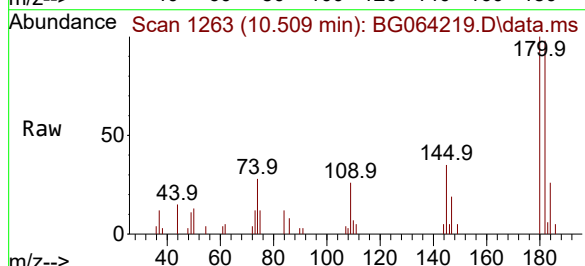
RT: 10.509 min Scan# 1263

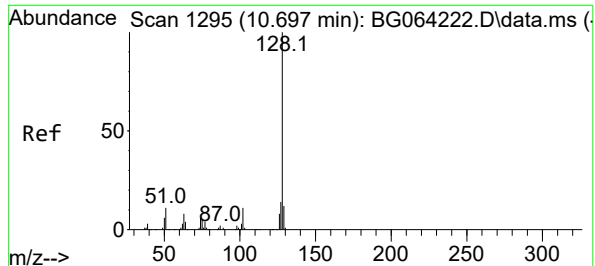
Delta R.T. 0.000 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

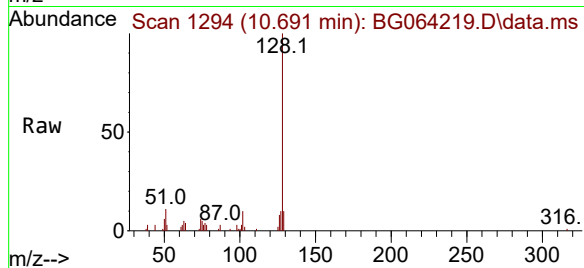
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.7  | 75.0  | 112.6 |
| 145     | 35.4  | 25.4  | 38.0  |





#31  
Naphthalene  
Concen: 5.322 ng  
RT: 10.691 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

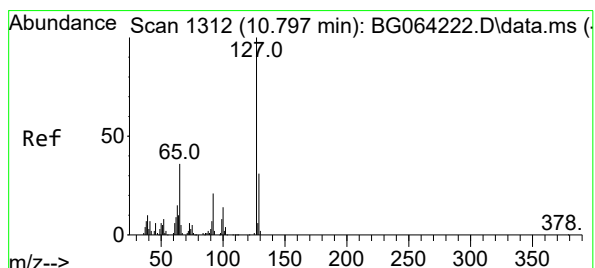
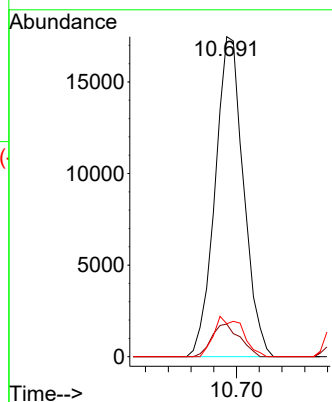
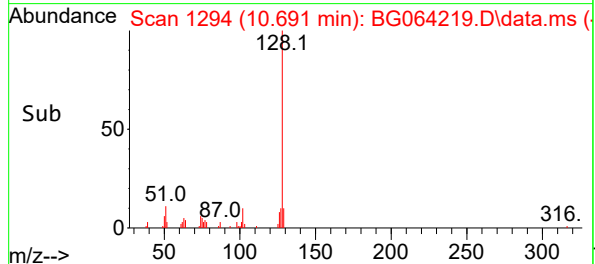
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:128 Resp: 3034  
Ion Ratio Lower Upper  
128 100  
129 10.2 9.4 14.2  
127 10.3 10.9 16.3

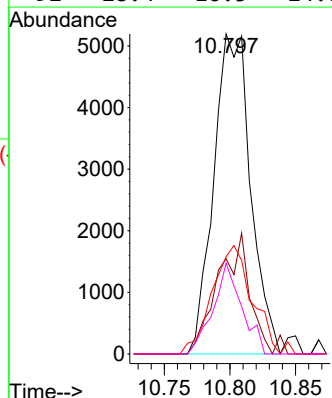
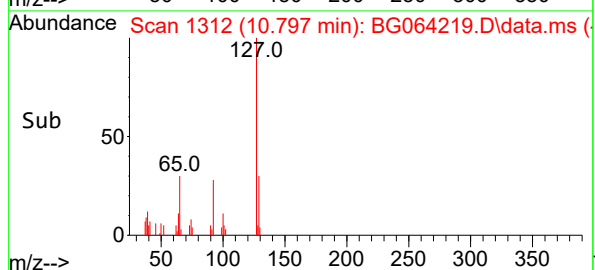
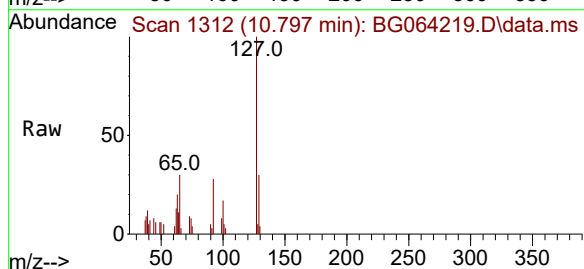
Manual Integrations  
APPROVED

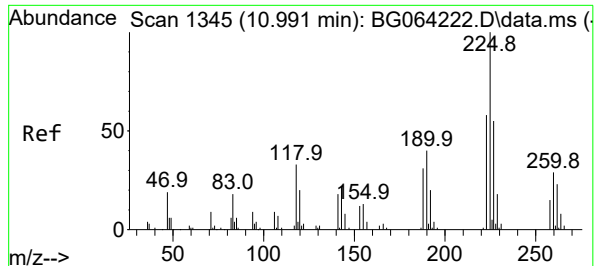
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#33  
4-Chloroaniline  
Concen: 4.589 ng  
RT: 10.797 min Scan# 1312  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

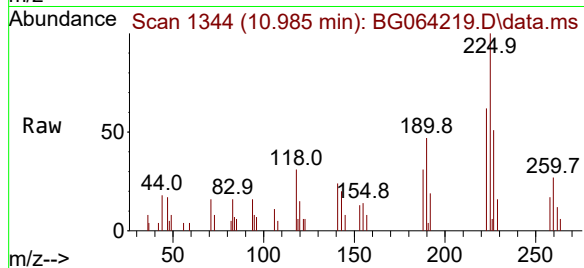
Tgt Ion:127 Resp: 10141  
Ion Ratio Lower Upper  
127 100  
129 33.7 25.0 37.4  
65 30.4 28.7 43.1  
92 28.4 16.5 24.7





#34  
Hexachlorobutadiene  
Concen: 5.185 ng  
RT: 10.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

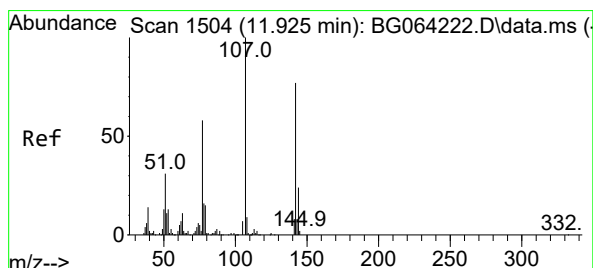
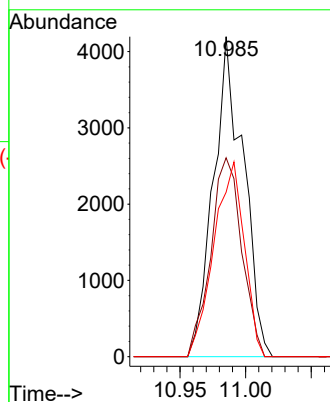
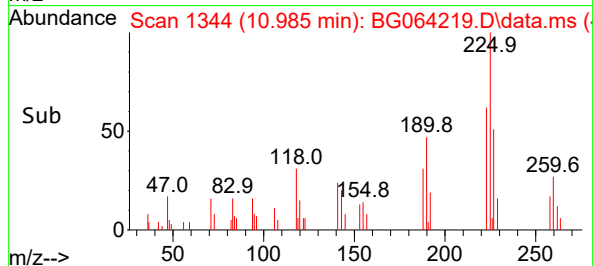
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



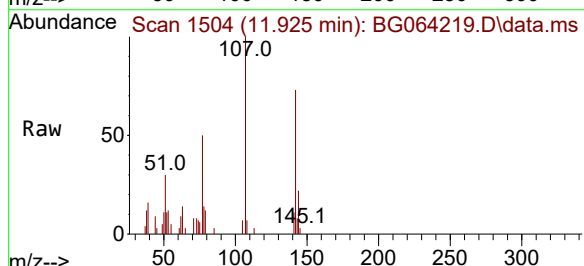
Tgt Ion:225 Resp: 666  
Ion Ratio Lower Upper  
225 100  
223 62.2 46.5 69.7  
227 51.4 44.1 66.1

Manual Integrations  
APPROVED

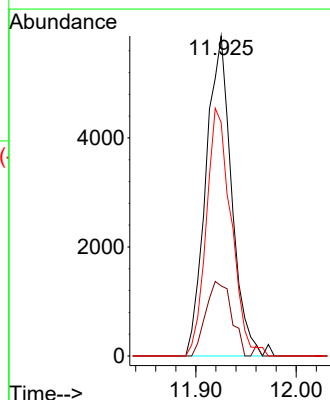
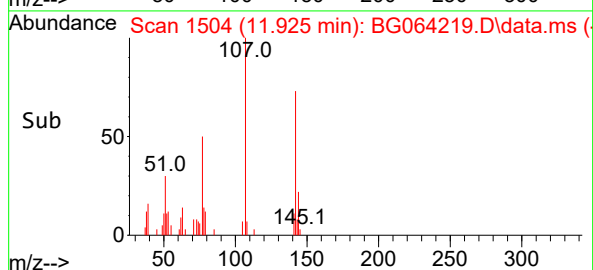
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

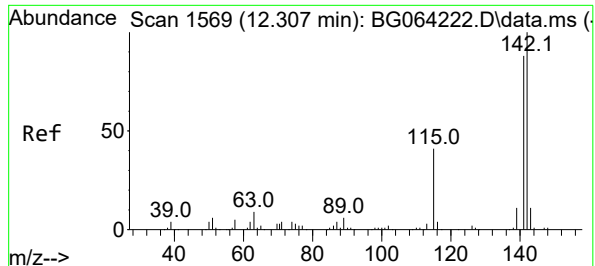


#36  
4-Chloro-3-methylphenol  
Concen: 4.887 ng  
RT: 11.925 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32



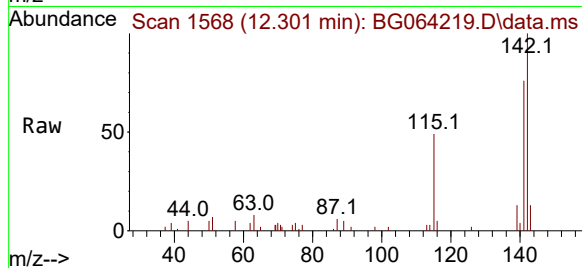
Tgt Ion:107 Resp: 10455  
Ion Ratio Lower Upper  
107 100  
144 21.9 19.5 29.3  
142 73.0 62.0 93.0





#37  
2-Methylnaphthalene  
Concen: 4.980 ng  
RT: 12.301 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

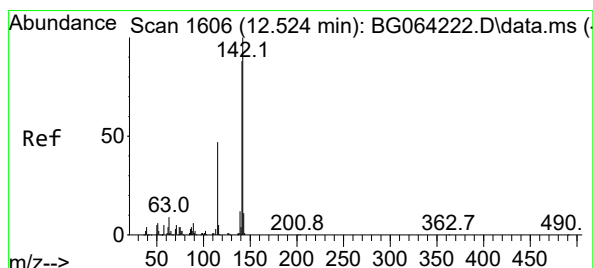
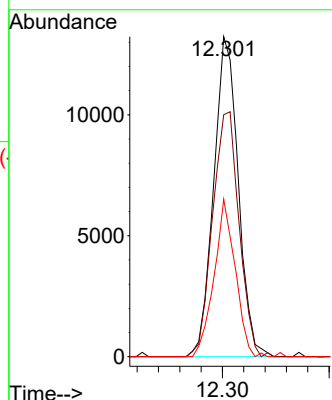
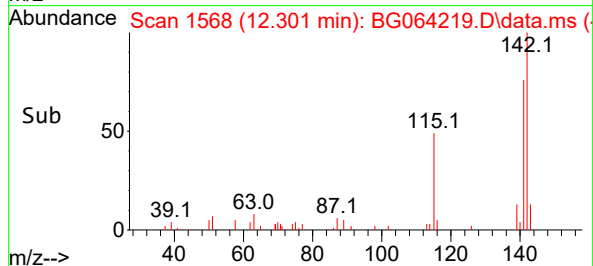
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:142 Resp: 2110  
Ion Ratio Lower Upper  
142 100  
141 75.6 70.1 105.1  
115 49.2 33.1 49.7

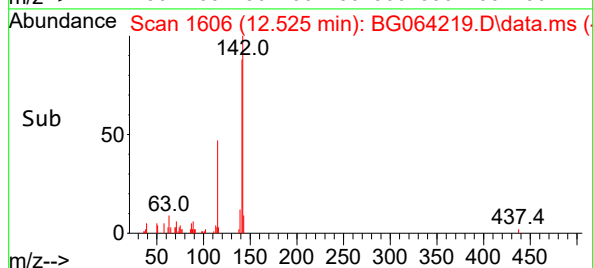
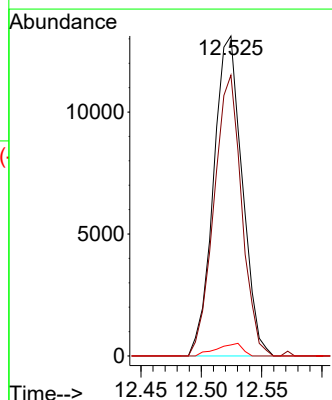
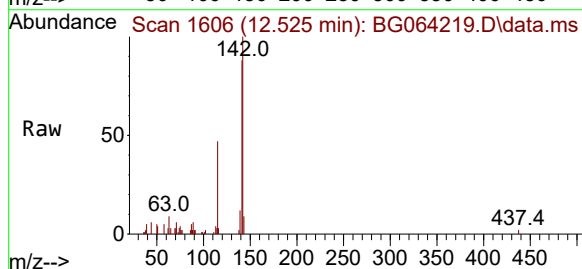
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

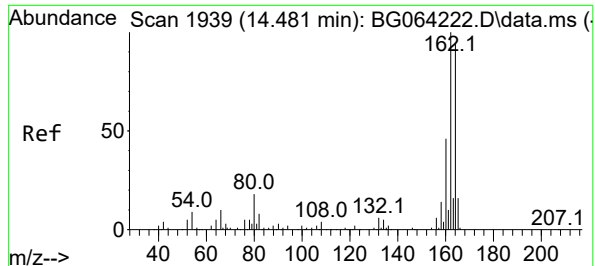


#38  
1-Methylnaphthalene  
Concen: 5.175 ng m  
RT: 12.525 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:142 Resp: 21661  
Ion Ratio Lower Upper  
142 100  
141 87.8 70.3 105.5  
116 3.4 3.7 5.5#







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BG064219.D

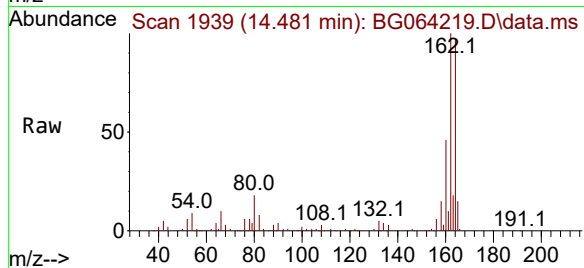
Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005



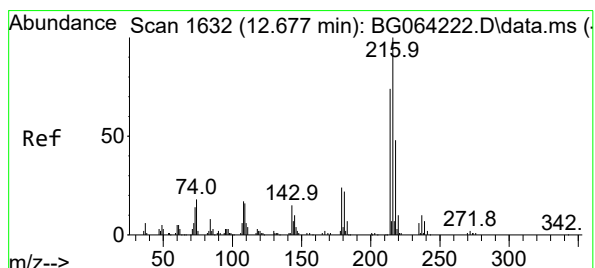
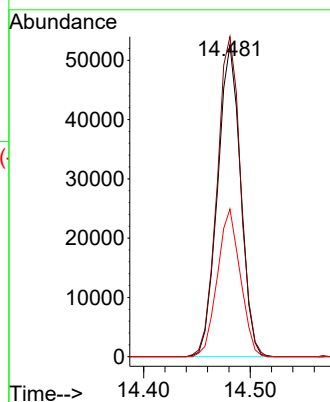
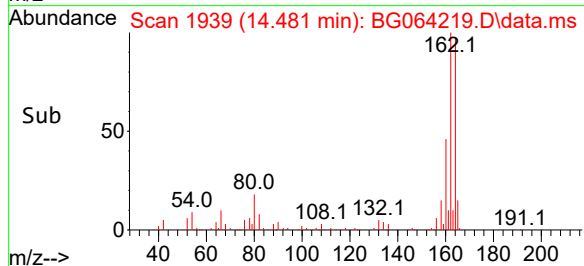
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 7859  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 102.6 | 85.4  | 128.0 |
| 160      | 47.4  | 39.2  | 58.8  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

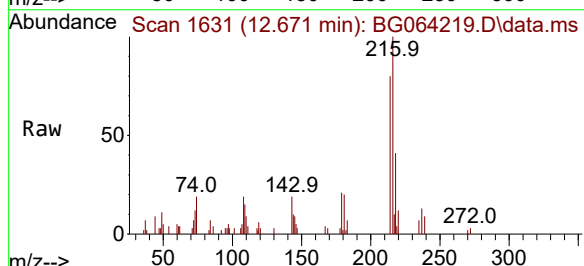
Concen: 4.797 ng

RT: 12.671 min Scan# 1631

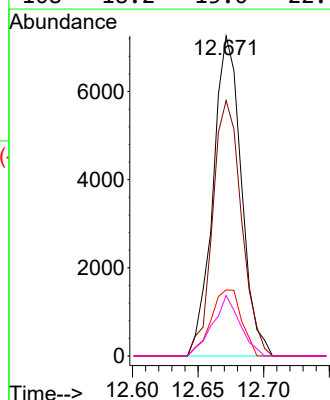
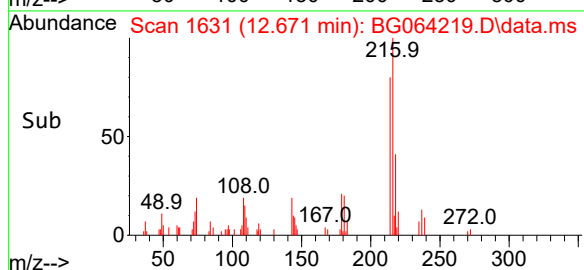
Delta R.T. -0.006 min

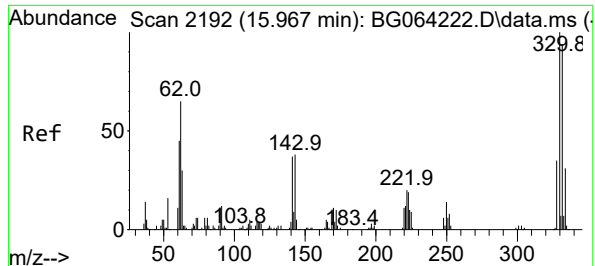
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 10879 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 81.3  | 61.9  | 92.9  |
| 179      | 22.3  | 17.9  | 26.9  |
| 108      | 18.2  | 15.0  | 22.4  |





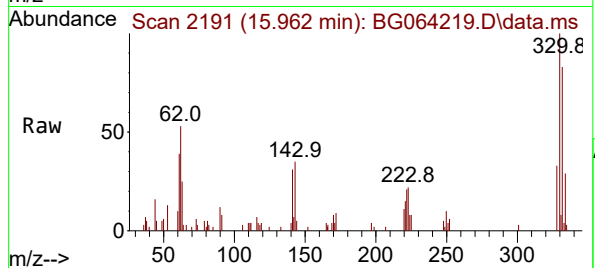
#42  
2,4,6-Tribromophenol  
Concen: 10.605 ng  
RT: 15.962 min Scan# 2192  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

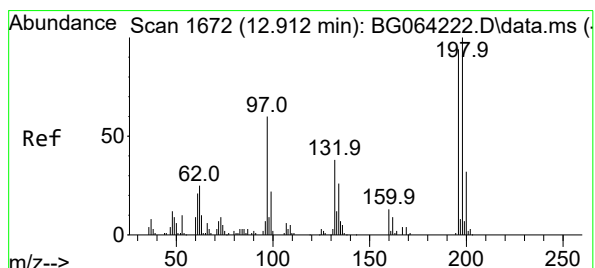
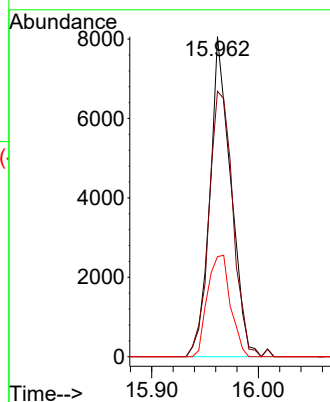
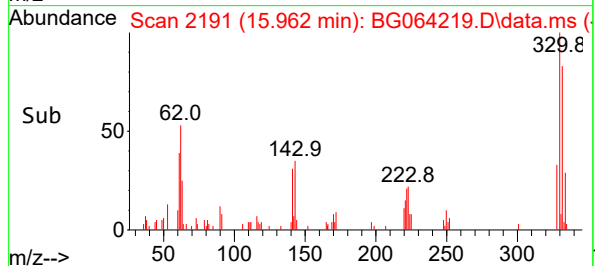


Tgt Ion:330 Resp: 11040  
Ion Ratio Lower Upper  
330 100  
332 94.5 77.6 116.4  
141 34.6 29.8 44.6

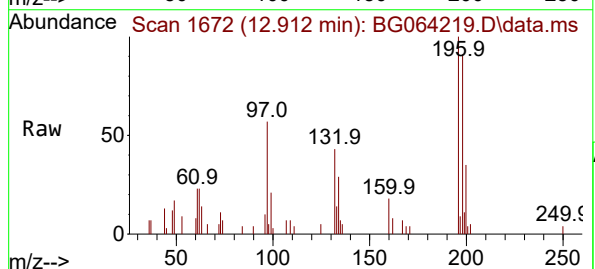
Manual Integrations

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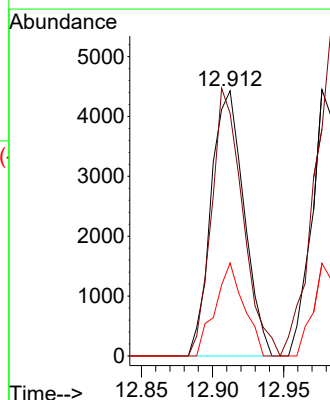
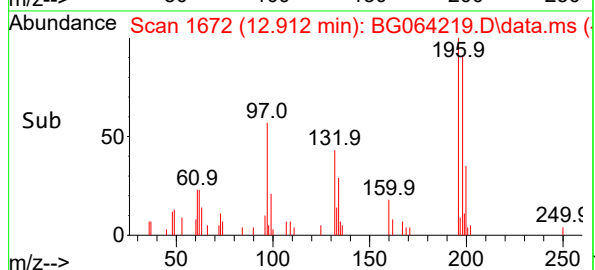
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

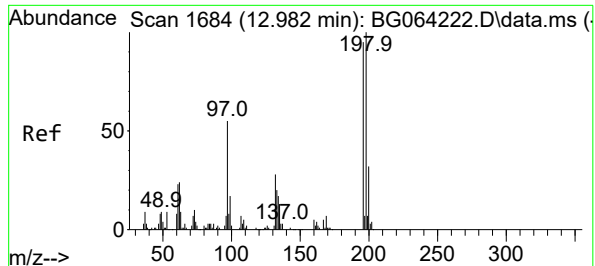


#43  
2,4,6-Trichlorophenol  
Concen: 4.721 ng  
RT: 12.912 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32



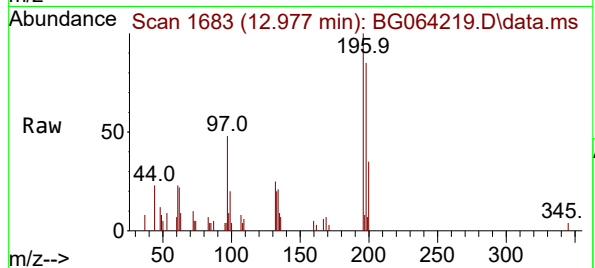
Tgt Ion:196 Resp: 7156  
Ion Ratio Lower Upper  
196 100  
198 91.4 85.4 128.2  
200 39.0 27.3 40.9





#44  
2,4,5-Trichlorophenol  
Concen: 4.622 ng  
RT: 12.977 min Scan# 1683  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

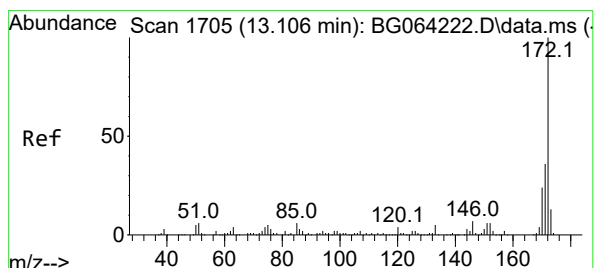
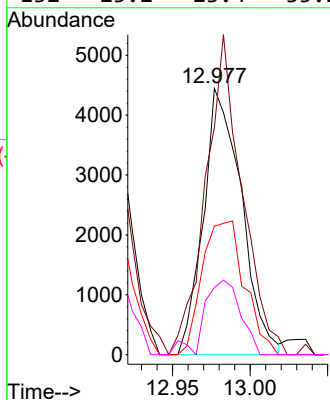
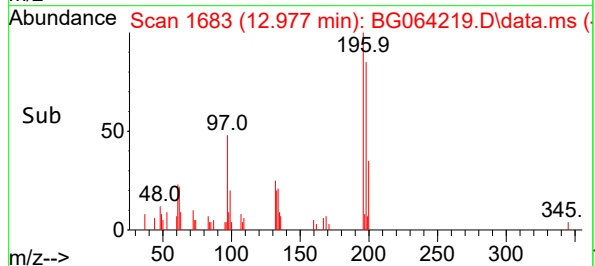
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:196 Resp: 7600  
Ion Ratio Lower Upper  
196 100  
198 85.2 84.5 126.7  
97 48.3 46.8 70.2  
132 25.2 23.4 35.2

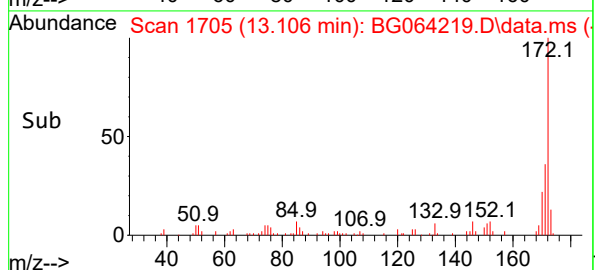
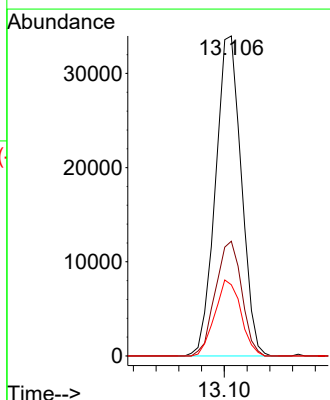
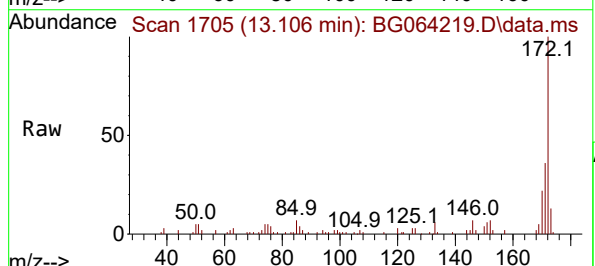
Manual Integrations  
APPROVED

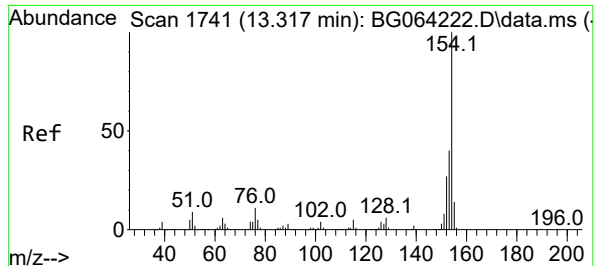
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#45  
2-Fluorobiphenyl  
Concen: 10.409 ng  
RT: 13.106 min Scan# 1705  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

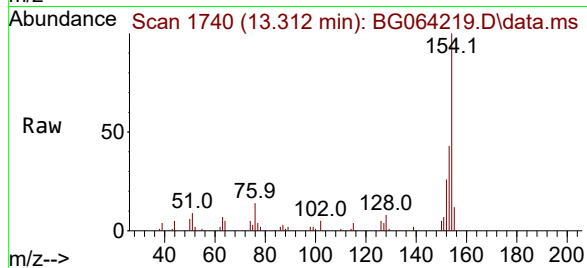
Tgt Ion:172 Resp: 53596  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.7 43.1  
170 22.3 19.0 28.6





#46  
1,1'-Biphenyl  
Concen: 5.009 ng  
RT: 13.312 min Scan# 1740  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

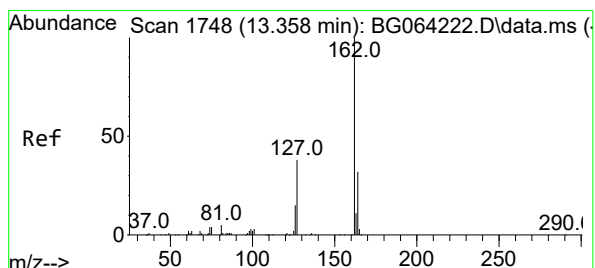
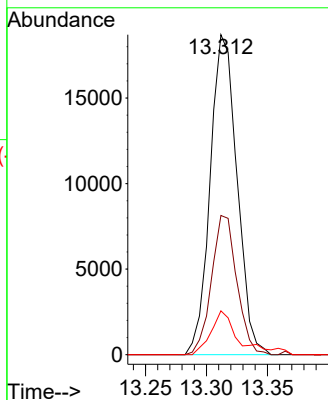
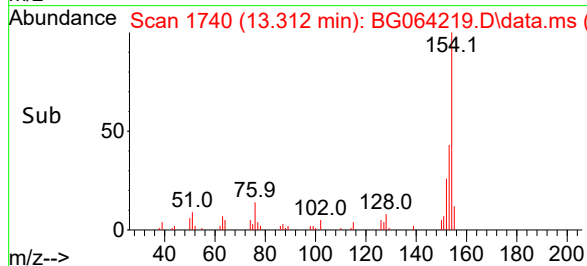
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



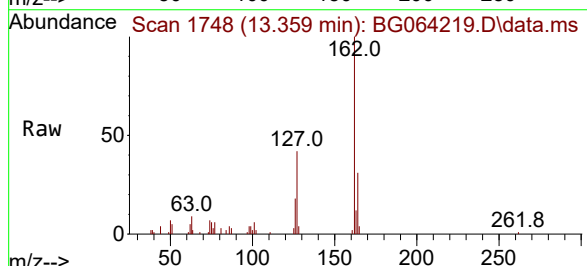
Tgt Ion:154 Resp: 28672  
Ion Ratio Lower Upper  
154 100  
153 43.5 19.9 59.9  
76 13.7 0.0 30.9

Manual Integrations  
APPROVED

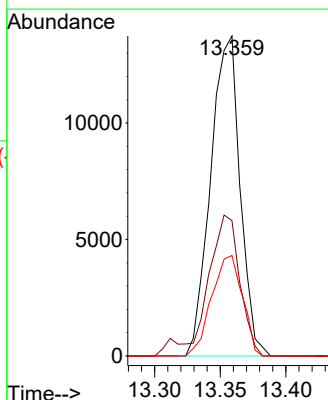
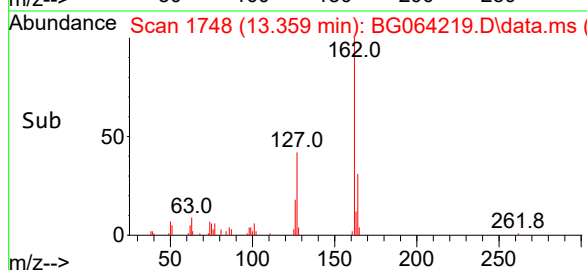
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

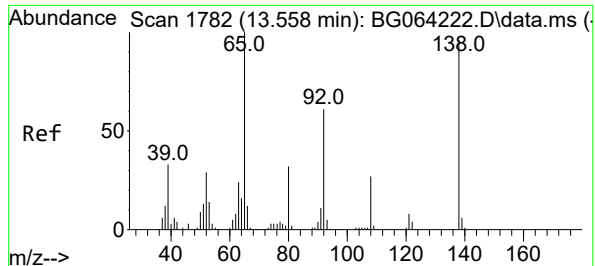


#47  
2-Chloronaphthalene  
Concen: 4.975 ng  
RT: 13.359 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32



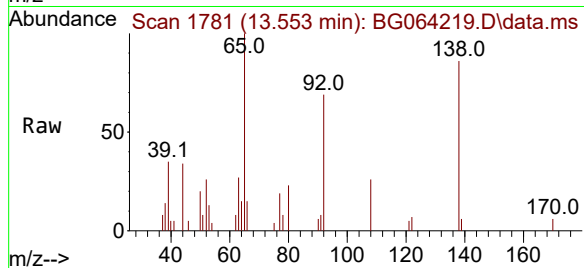
Tgt Ion:162 Resp: 21411  
Ion Ratio Lower Upper  
162 100  
127 42.3 33.9 50.9  
164 31.4 25.4 38.2





#48  
2-Nitroaniline  
Concen: 4.063 ng  
RT: 13.553 min Scan# 1781  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

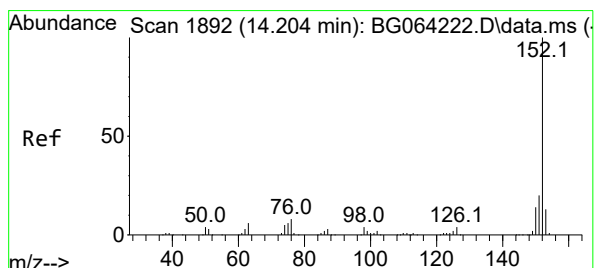
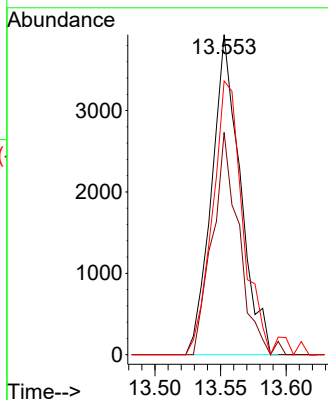
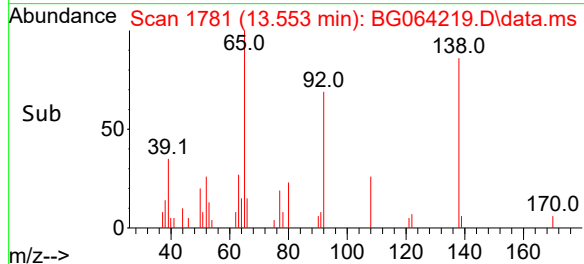
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 65 Resp: 5960  
Ion Ratio Lower Upper  
65 100  
92 69.5 49.2 73.8  
138 85.6 76.8 115.2

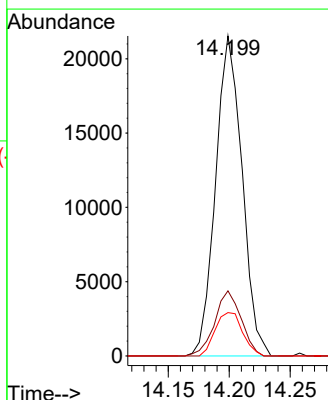
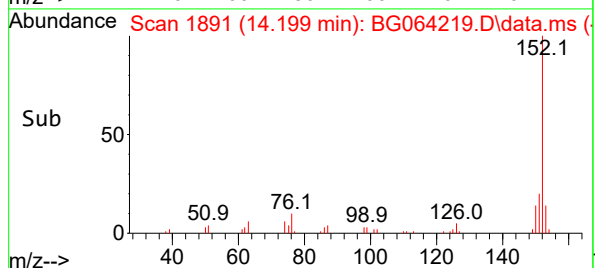
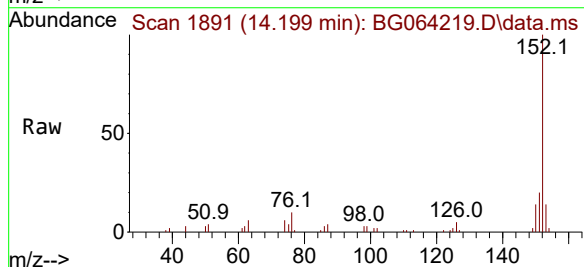
Manual Integrations  
APPROVED

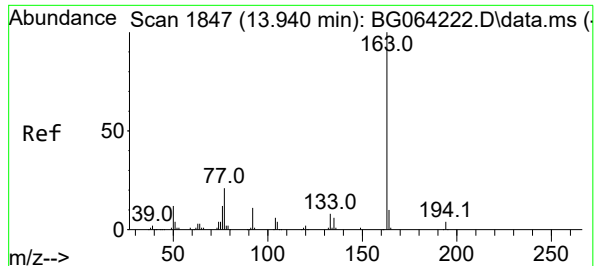
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#49  
Acenaphthylene  
Concen: 5.116 ng  
RT: 14.199 min Scan# 1891  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

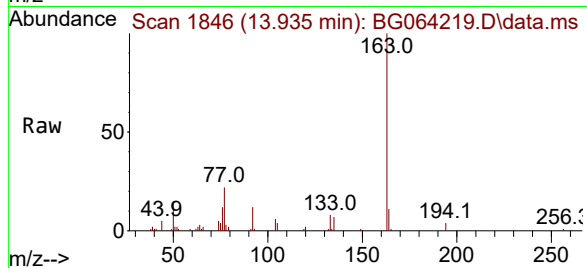
Tgt Ion:152 Resp: 32547  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.2  
153 13.6 10.1 15.1





#50  
Dimethylphthalate  
Concen: 5.523 ng  
RT: 13.935 min Scan# 1846  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

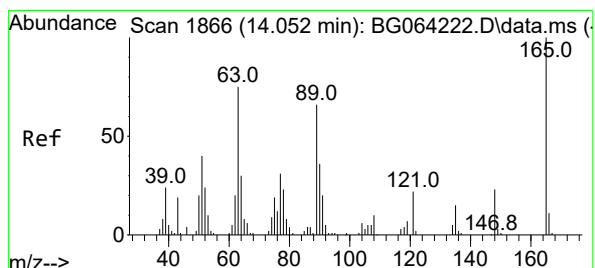
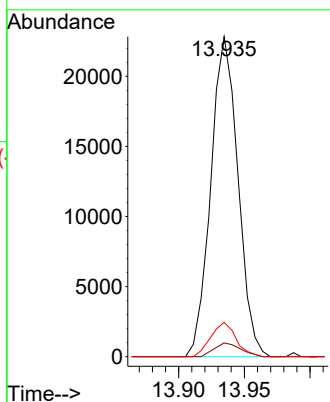
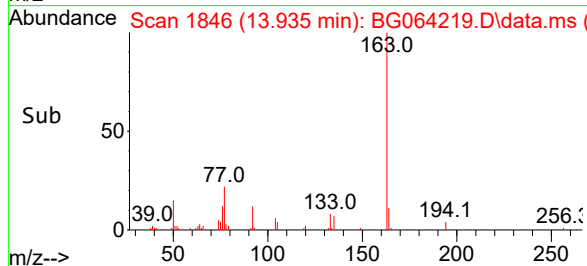
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



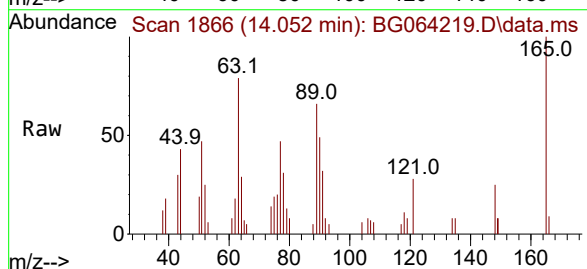
Tgt Ion:163 Resp: 3285  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.0 4.4  
164 10.7 7.9 11.9

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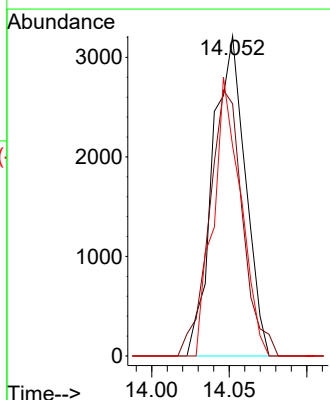
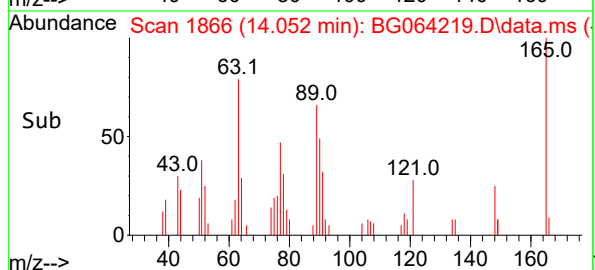
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

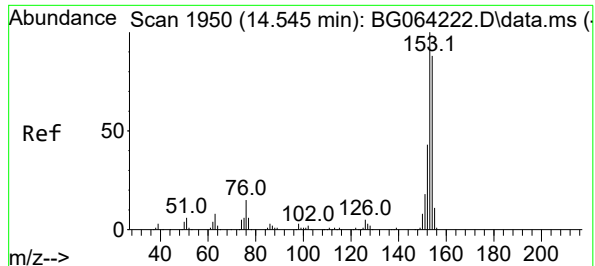


#51  
2,6-Dinitrotoluene  
Concen: 4.067 ng  
RT: 14.052 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32



Tgt Ion:165 Resp: 4684  
Ion Ratio Lower Upper  
165 100  
63 78.8 60.3 90.5  
89 65.6 52.9 79.3





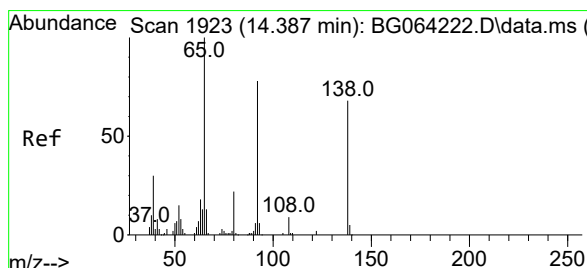
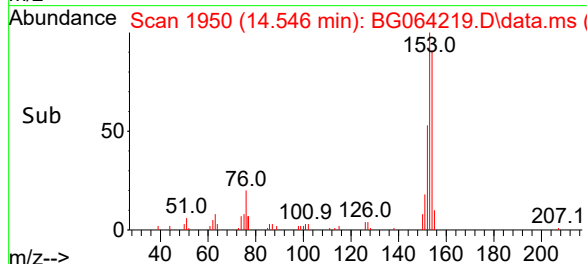
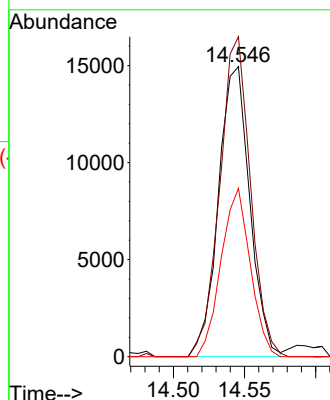
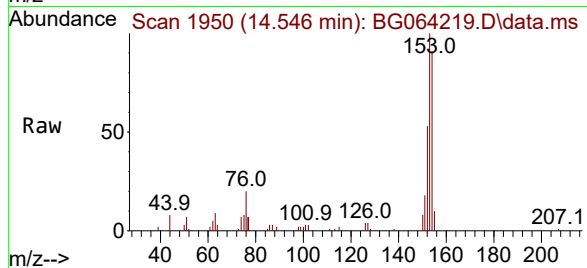
#52  
Acenaphthene  
Concen: 5.115 ng  
RT: 14.546 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:154 Resp: 22964  
Ion Ratio Lower Upper  
154 100  
153 110.3 91.1 136.7  
152 58.1 39.6 59.4

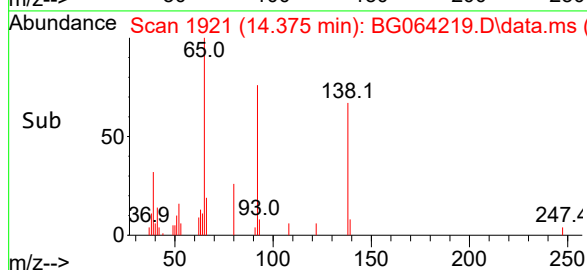
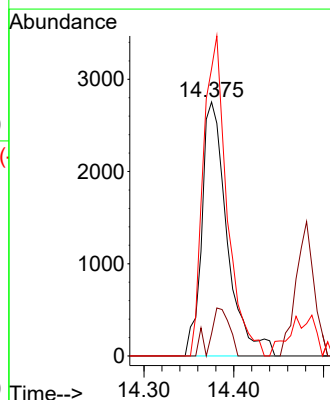
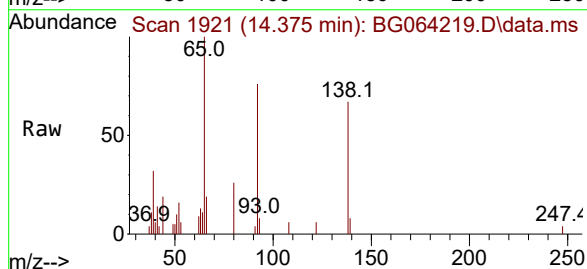
Manual Integrations  
APPROVED

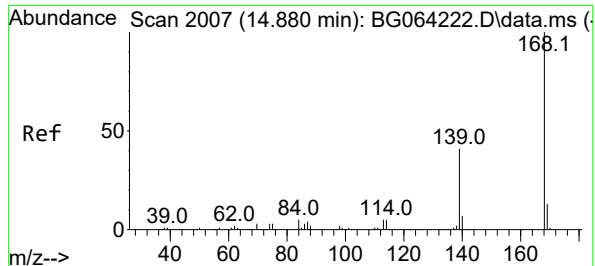
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#53  
3-Nitroaniline  
Concen: 4.480 ng  
RT: 14.375 min Scan# 1921  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:138 Resp: 5404  
Ion Ratio Lower Upper  
138 100  
108 8.8 11.0 16.6#  
92 113.1 91.4 137.0





#55

Dibenzenofuran

Concen: 5.322 ng

RT: 14.881 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 37579

Ion Ratio Lower Upper

168 100

139 38.0 33.2 49.8

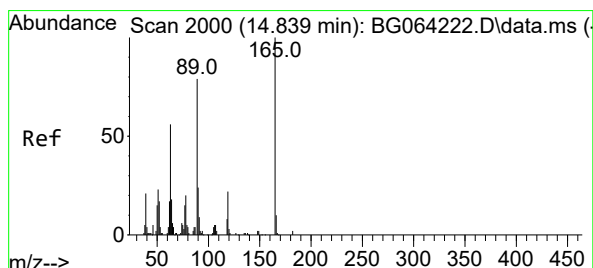
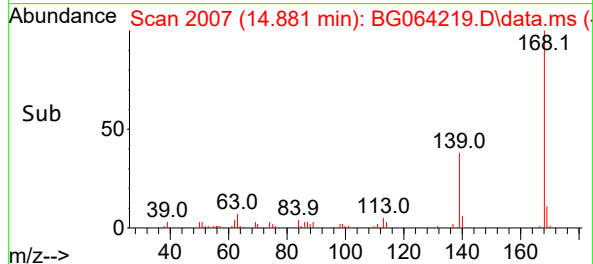
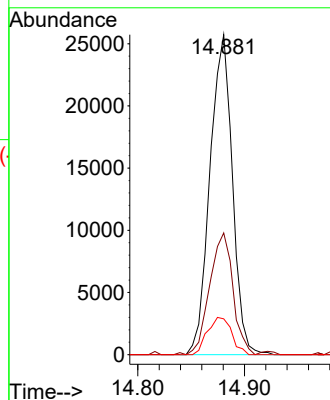
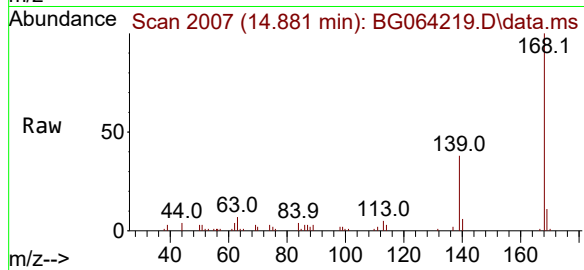
169 11.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#57

2,4-Dinitrotoluene

Concen: 4.467 ng

RT: 14.834 min Scan# 1999

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion:165 Resp: 7779

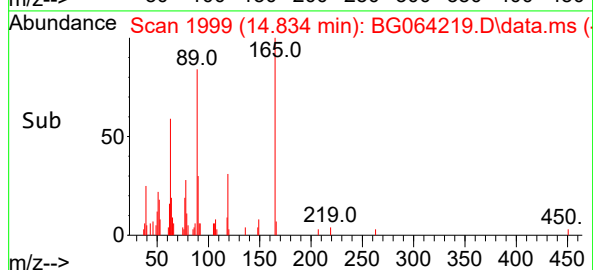
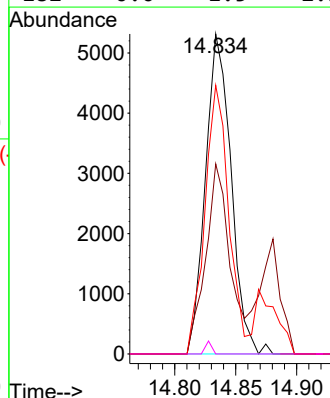
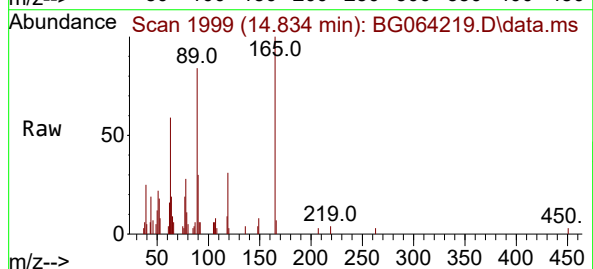
Ion Ratio Lower Upper

165 100

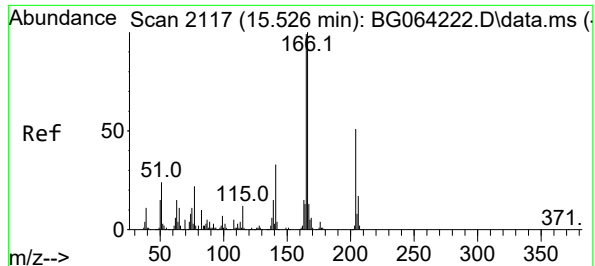
63 59.4 44.6 67.0

89 84.0 63.0 94.4

182 0.0 1.5 2.3#

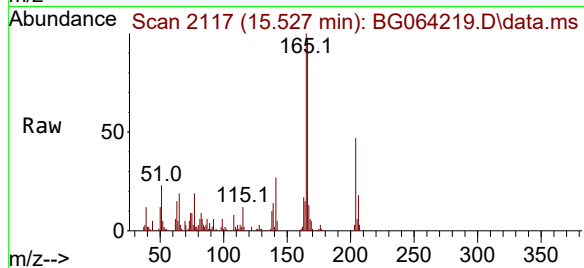






#58  
Fluorene  
Concen: 5.318 ng  
RT: 15.527 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

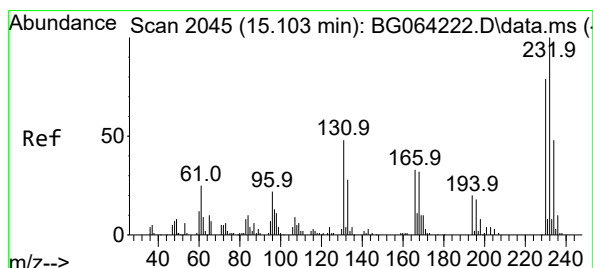
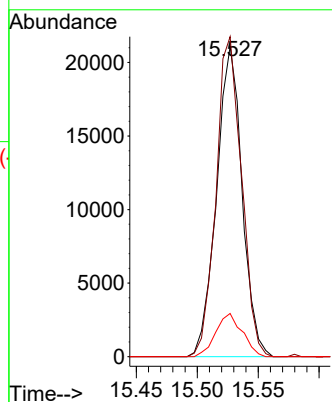
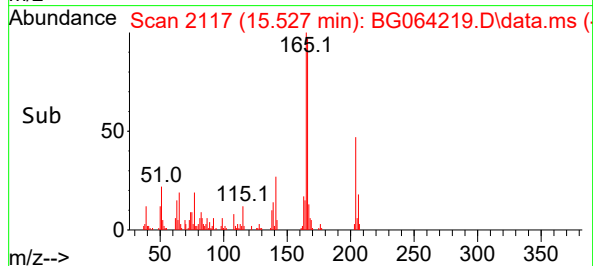
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:166 Resp: 30779  
Ion Ratio Lower Upper  
166 100  
165 103.1 79.1 118.7  
167 13.9 10.2 15.4

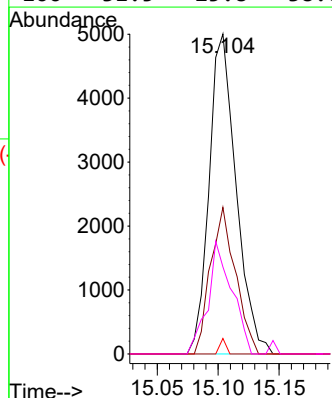
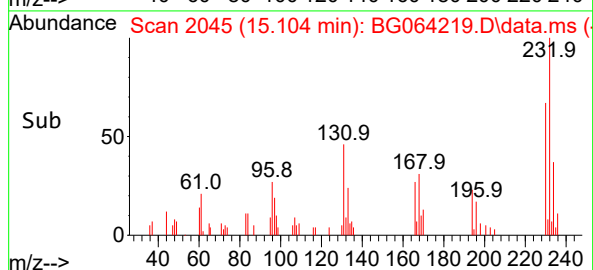
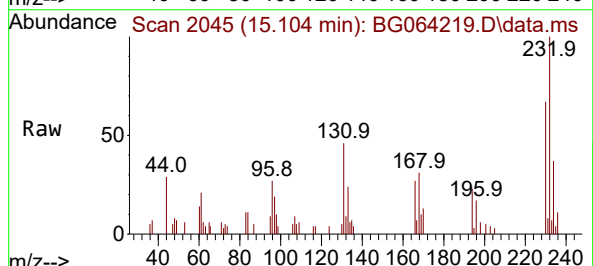
Manual Integrations  
APPROVED

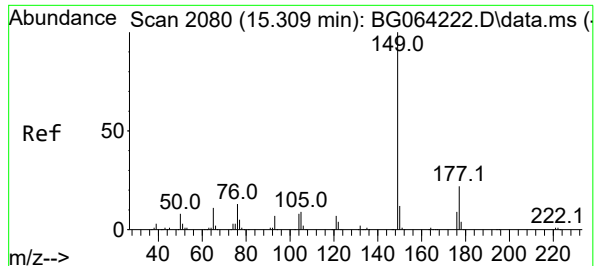
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.866 ng  
RT: 15.104 min Scan# 2045  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:232 Resp: 7695  
Ion Ratio Lower Upper  
232 100  
131 42.5 37.1 55.7  
130 1.1 2.6 3.8#  
166 31.5 25.8 38.6





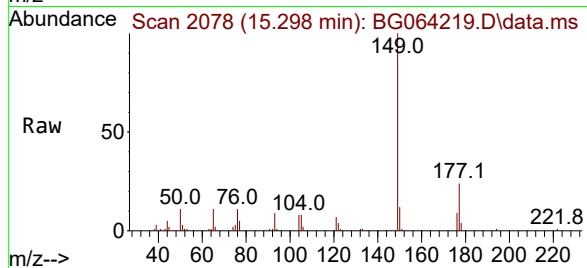
#60  
Diethylphthalate  
Concen: 5.646 ng  
RT: 15.298 min Scan# 2080  
Delta R.T. -0.017 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

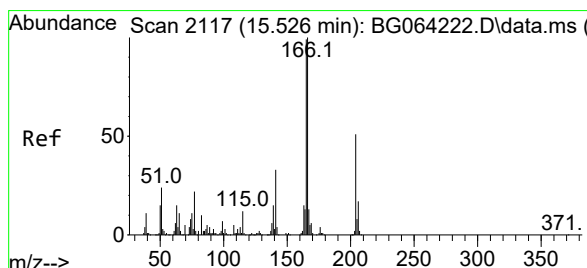
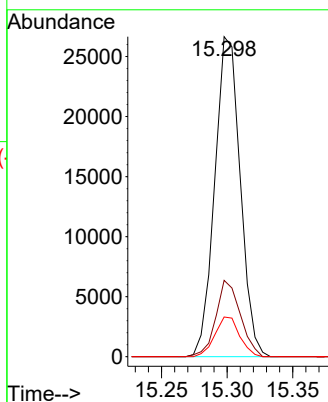
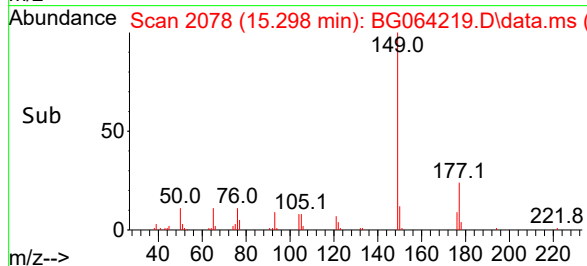


Tgt Ion:149 Resp: 3594  
Ion Ratio Lower Upper  
149 100  
177 23.9 17.5 26.3  
150 12.4 9.9 14.9

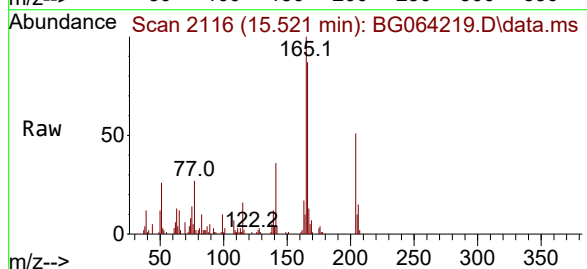
Manual Integrations

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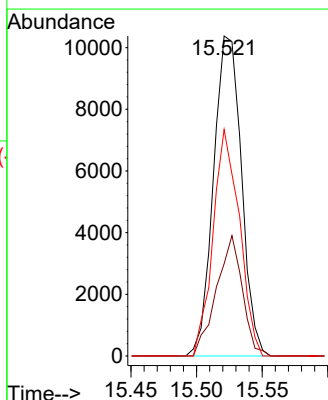
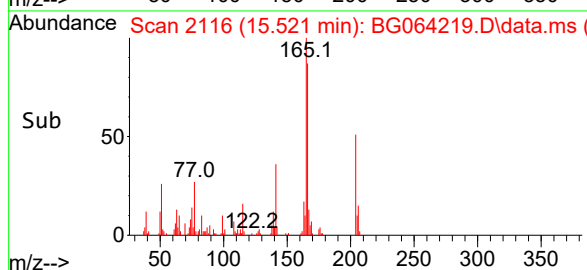
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

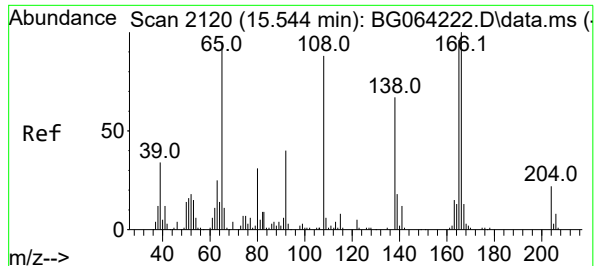


#61  
4-Chlorophenyl-phenylether  
Concen: 5.318 ng  
RT: 15.521 min Scan# 2116  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32



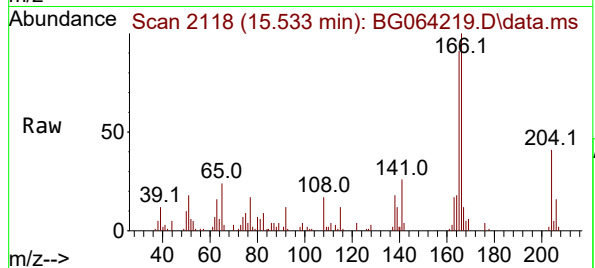
Tgt Ion:204 Resp: 15345  
Ion Ratio Lower Upper  
204 100  
206 28.8 26.2 39.4  
141 70.7 51.9 77.9





#62  
4-Nitroaniline  
Concen: 4.268 ng  
RT: 15.533 min Scan# 2118  
Delta R.T. -0.023 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

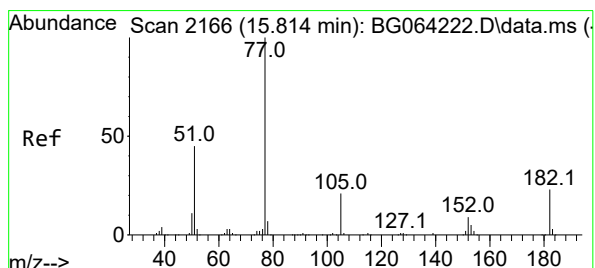
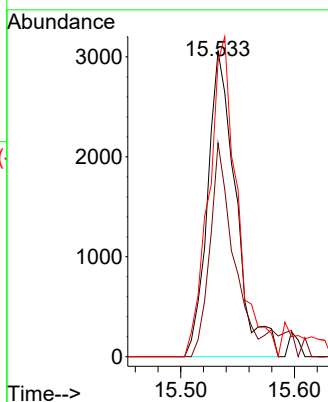
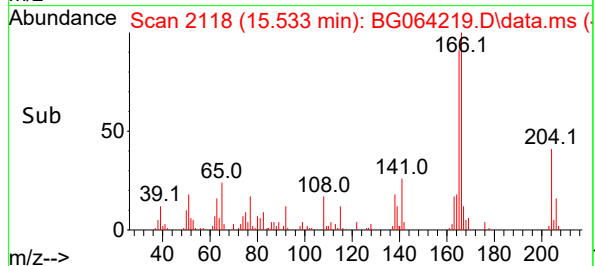
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:138 Resp: 5254  
Ion Ratio Lower Upper  
138 100  
92 70.0 39.1 79.1  
108 96.6 111.3 151.3

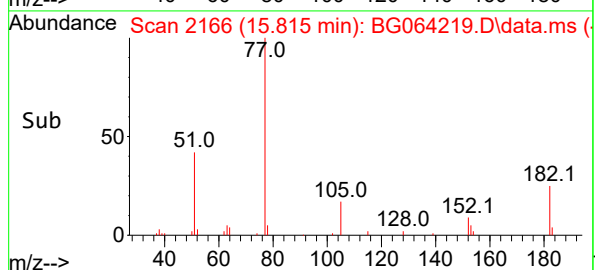
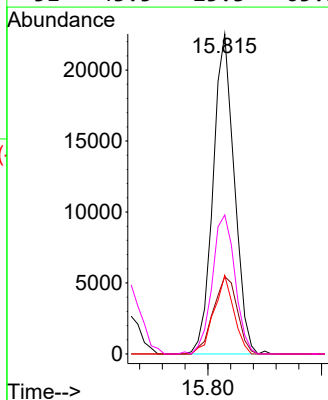
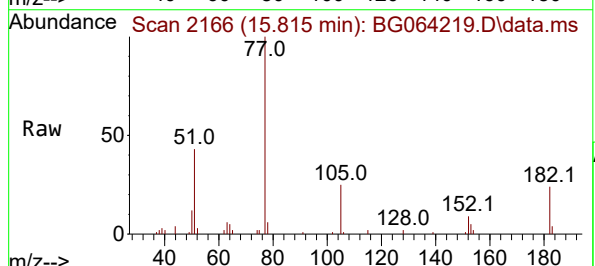
Manual Integrations  
APPROVED

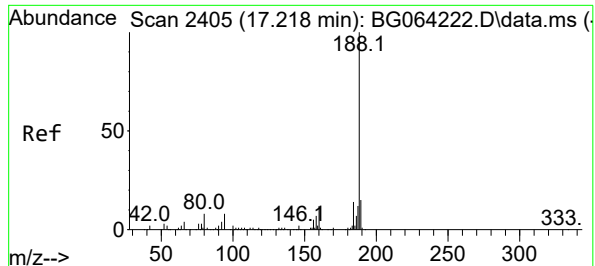
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#63  
Azobenzene  
Concen: 5.159 ng  
RT: 15.815 min Scan# 2166  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

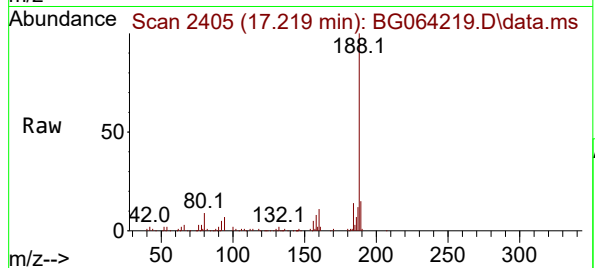
Tgt Ion: 77 Resp: 29276  
Ion Ratio Lower Upper  
77 100  
182 24.2 3.3 43.3  
105 24.5 0.6 40.6  
51 43.5 25.3 65.3





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.219 min Scan# 2405  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

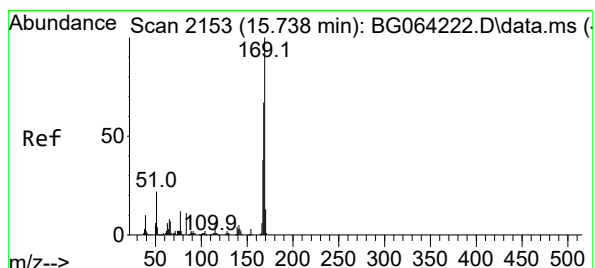
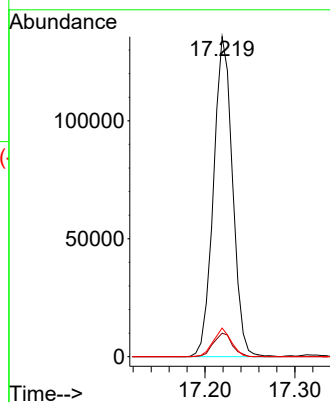
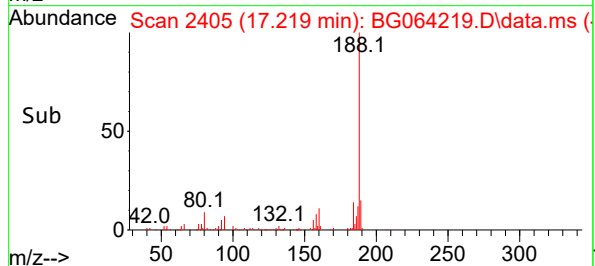
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:188 Resp: 199845  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.2 9.4  
80 8.9 6.8 10.2

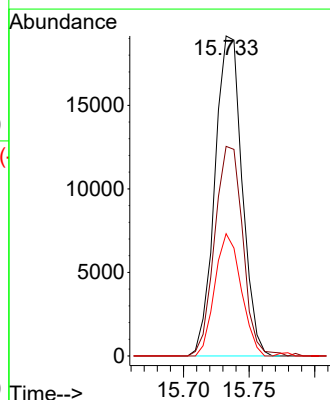
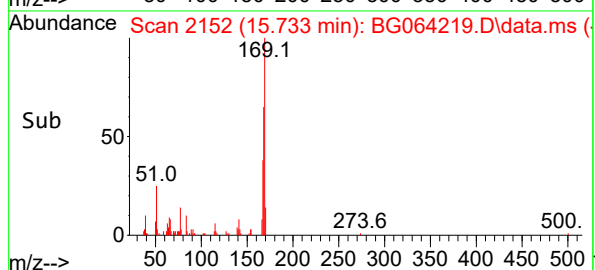
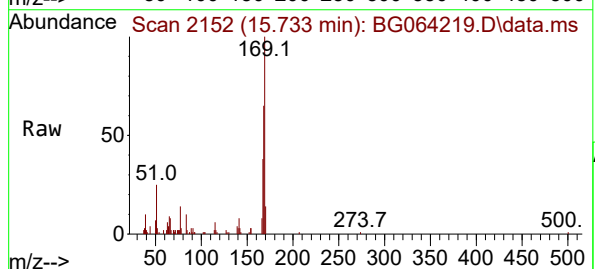
Manual Integrations  
APPROVED

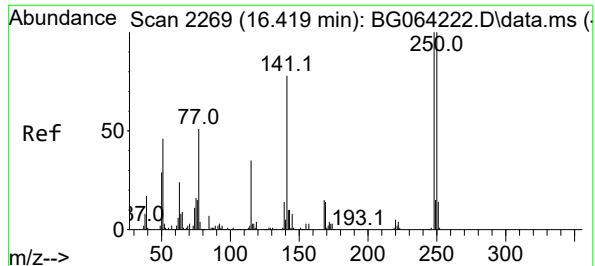
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#66  
n-Nitrosodiphenylamine  
Concen: 5.022 ng  
RT: 15.733 min Scan# 2152  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:169 Resp: 27609  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.8 80.8  
167 38.2 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 4.591 ng

RT: 16.414 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:248 Resp: 974

Ion Ratio Lower Upper

248 100

250 102.6 80.2 120.4

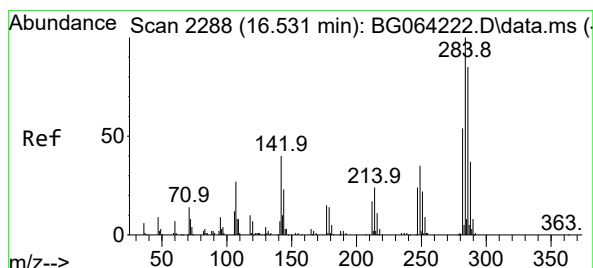
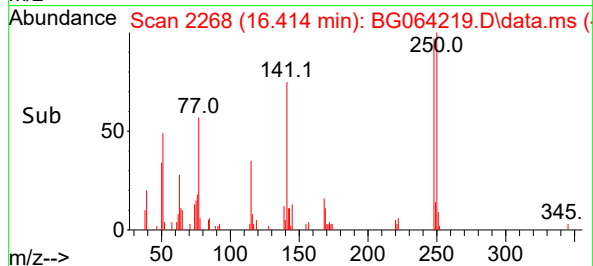
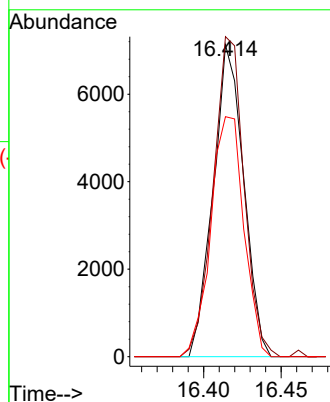
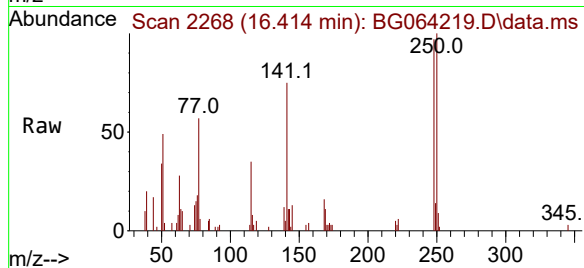
141 77.0 62.4 93.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#68

Hexachlorobenzene

Concen: 5.109 ng

RT: 16.526 min Scan# 2287

Delta R.T. -0.011 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

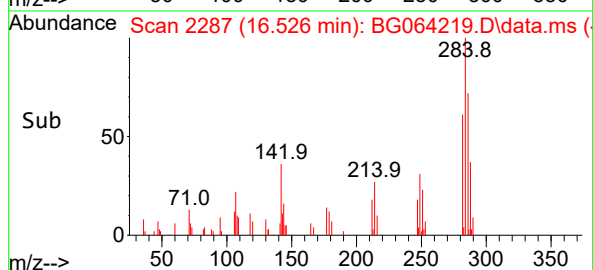
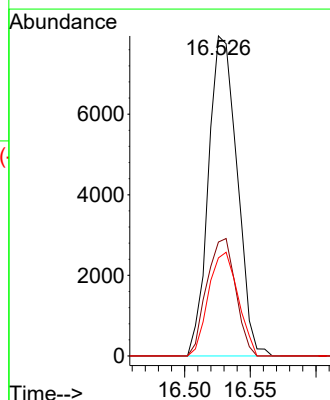
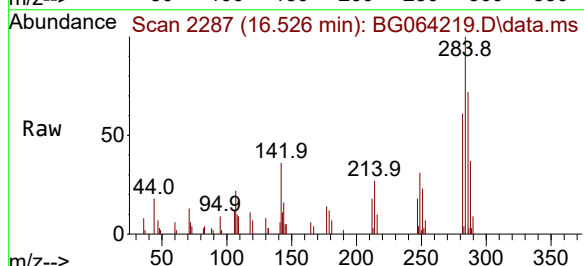
Tgt Ion:284 Resp: 12043

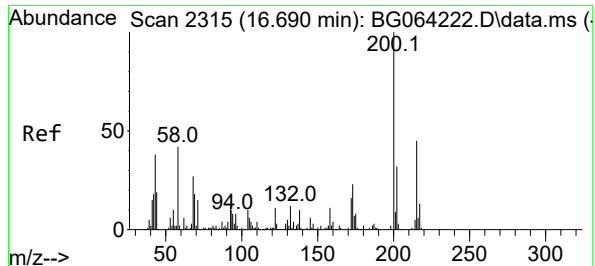
Ion Ratio Lower Upper

284 100

142 35.6 32.1 48.1

249 30.6 28.3 42.5





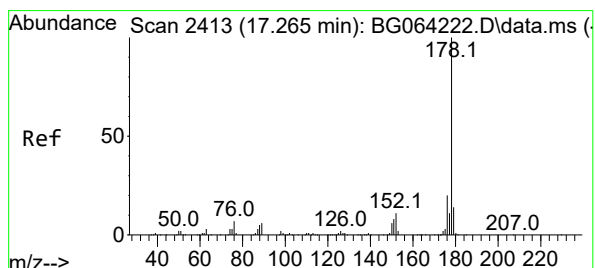
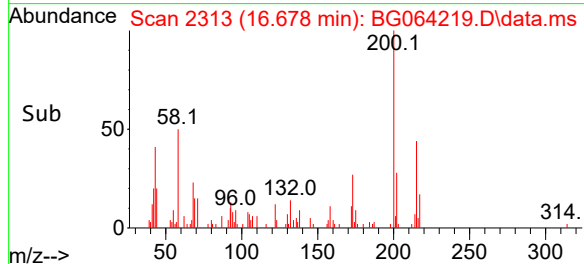
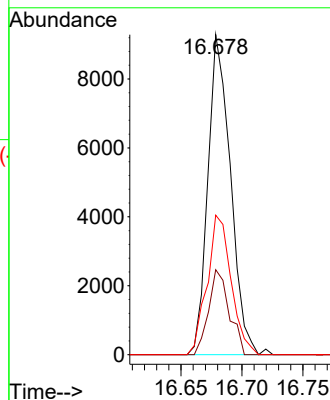
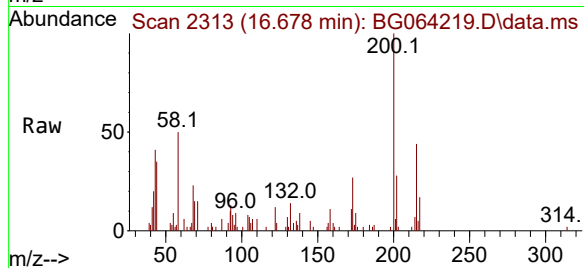
#69  
Atrazine  
Concen: 5.228 ng  
RT: 16.678 min Scan# 211  
Delta R.T. -0.017 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:200 Resp: 1200  
Ion Ratio Lower Upper  
200 100  
173 26.6 3.5 43.5  
215 43.6 24.8 64.8

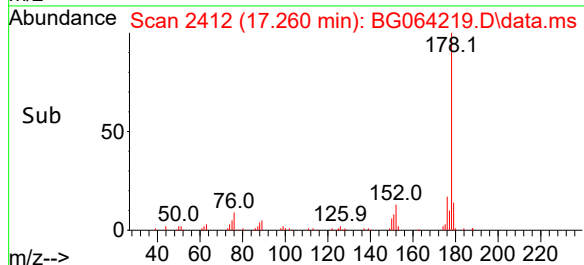
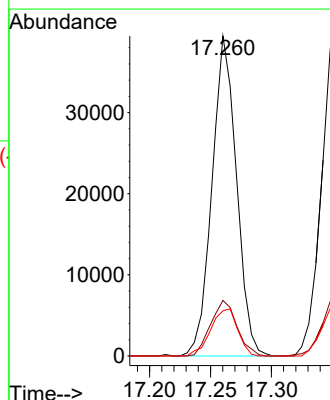
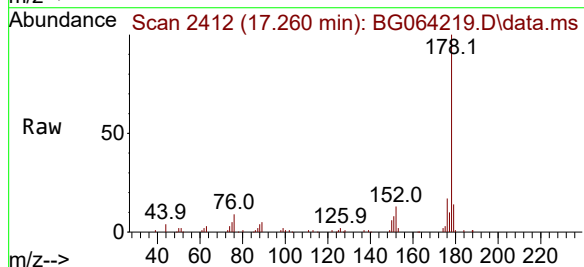
Manual Integrations  
APPROVED

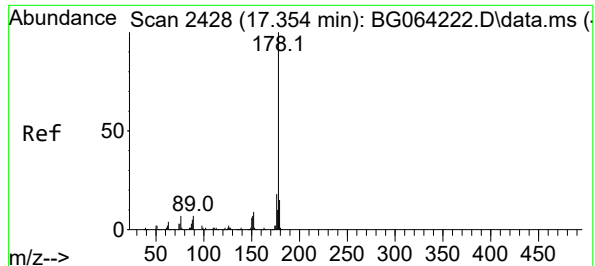
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#71  
Phenanthrene  
Concen: 5.227 ng  
RT: 17.260 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

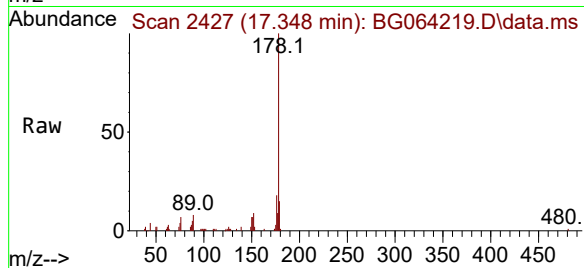
Tgt Ion:178 Resp: 55100  
Ion Ratio Lower Upper  
178 100  
176 17.4 15.9 23.9  
179 14.1 11.4 17.2





#72  
Anthracene  
Concen: 5.237 ng  
RT: 17.348 min Scan# 2428  
Delta R.T. -0.011 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

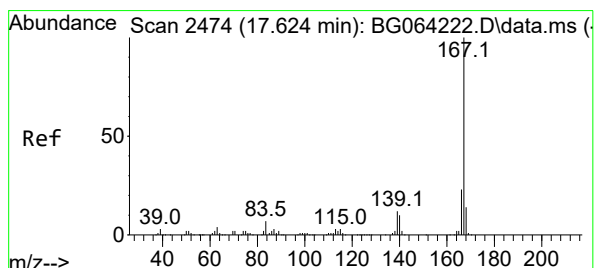
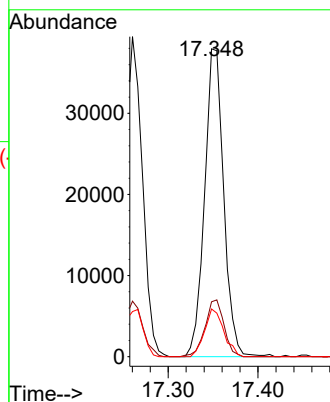
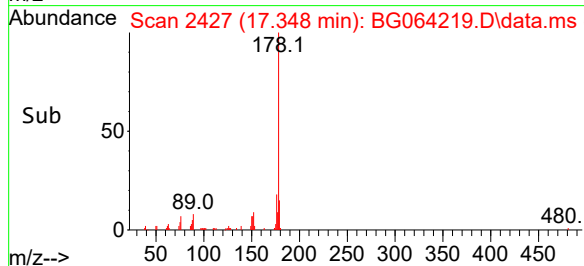
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:178 Resp: 56150  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.7 22.1  
179 15.5 12.1 18.1

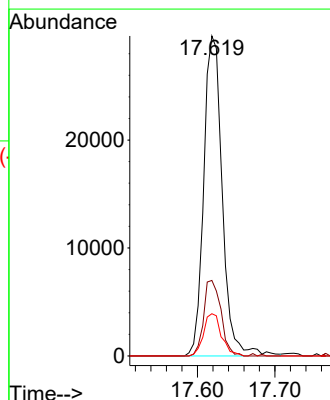
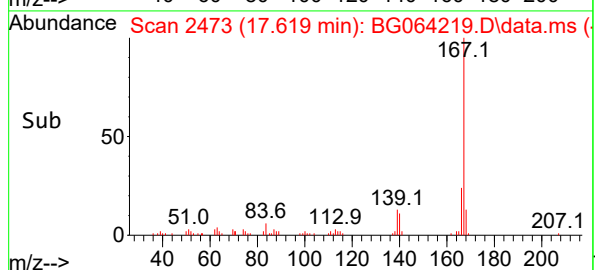
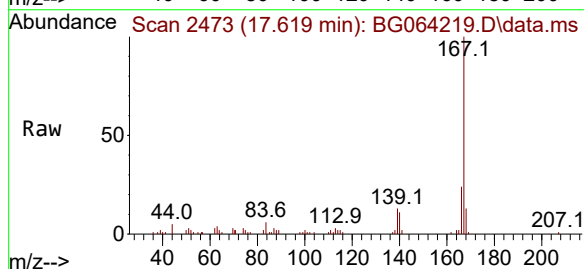
Manual Integrations  
APPROVED

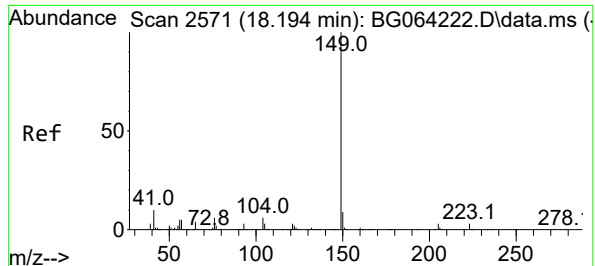
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#73  
Carbazole  
Concen: 5.213 ng  
RT: 17.619 min Scan# 2473  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

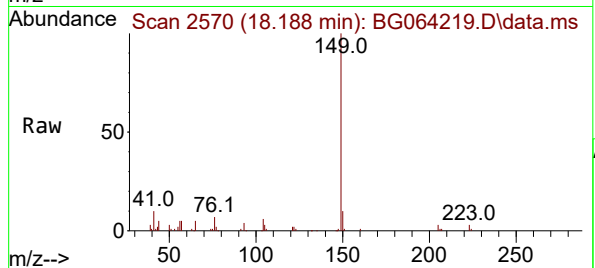
Tgt Ion:167 Resp: 49241  
Ion Ratio Lower Upper  
167 100  
166 23.6 18.2 27.2  
139 13.2 9.8 14.6





#74  
Di-n-butylphthalate  
Concen: 5.267 ng  
RT: 18.188 min Scan# 2570  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

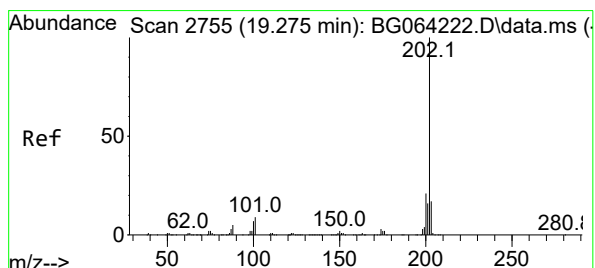
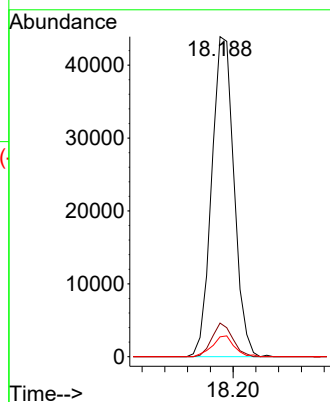
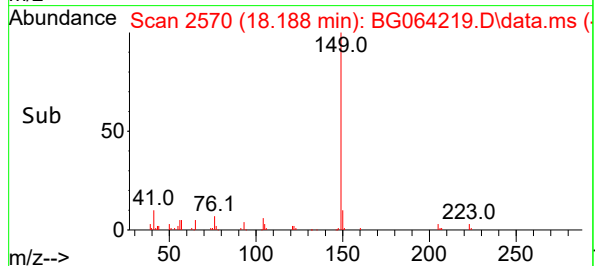
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 5976  
Ion Ratio Lower Upper  
149 100  
150 10.5 7.5 11.3  
104 6.2 4.6 7.0

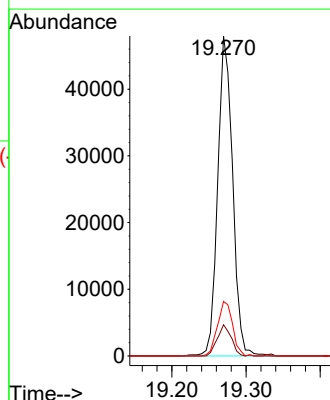
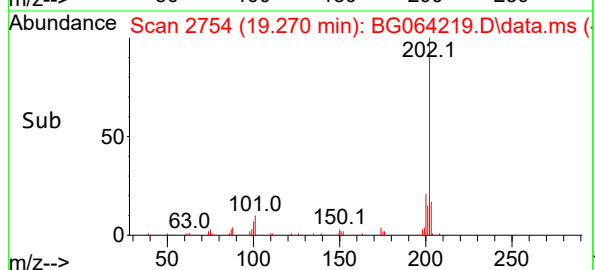
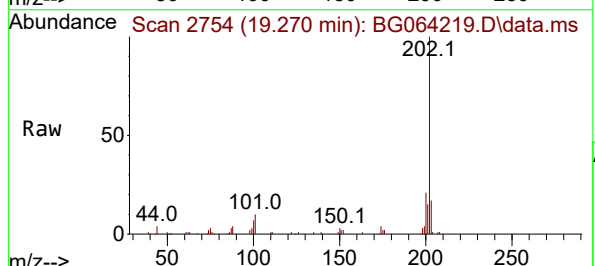
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

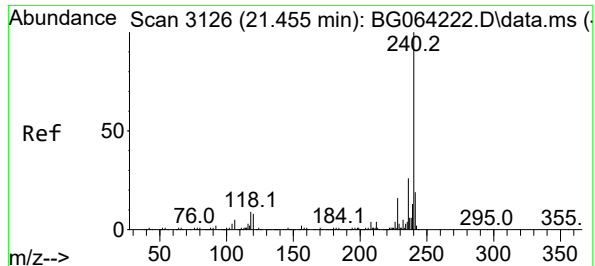


#75  
Fluoranthene  
Concen: 5.403 ng  
RT: 19.270 min Scan# 2754  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:202 Resp: 66964  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 28.7  
203 17.0 0.0 36.9

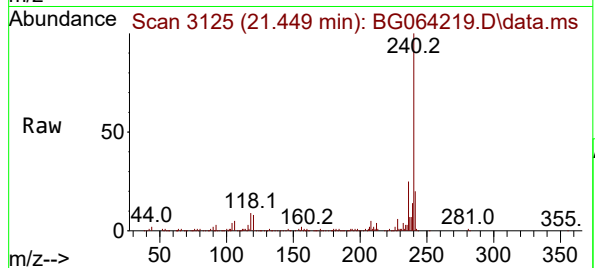






#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.449 min Scan# 3126  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

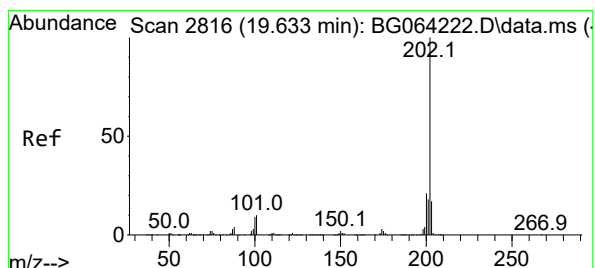
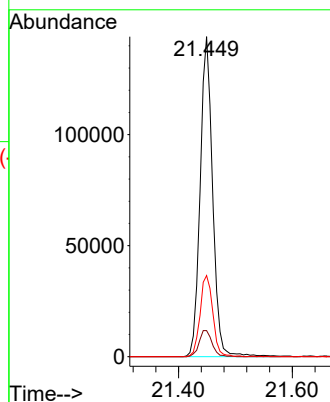
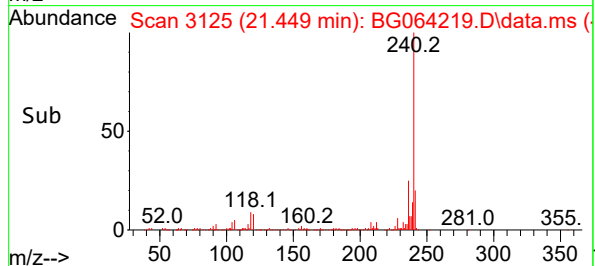
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:240 Resp: 21968  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.2 9.4  
236 25.3 20.5 30.7

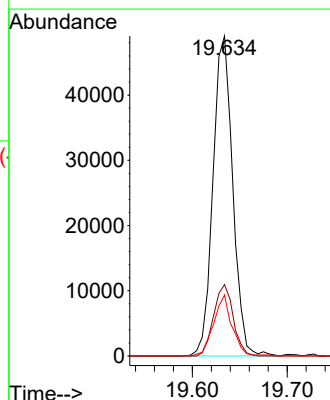
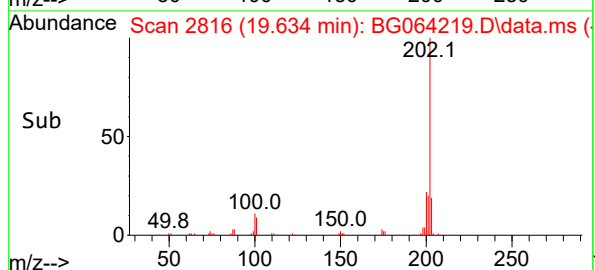
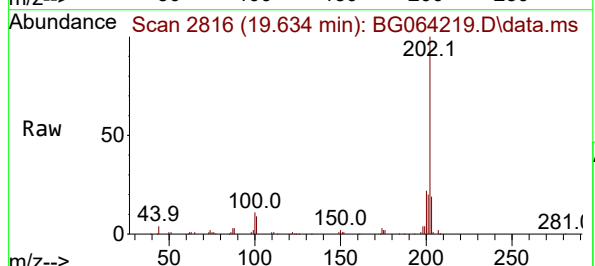
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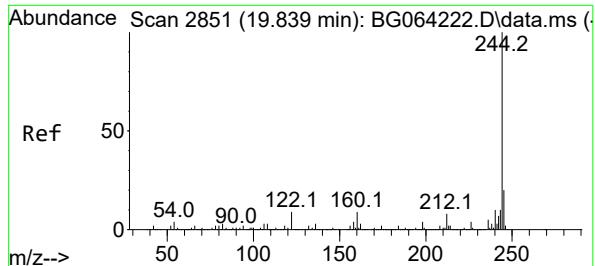
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#78  
Pyrene  
Concen: 5.127 ng  
RT: 19.634 min Scan# 2816  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:202 Resp: 70961  
Ion Ratio Lower Upper  
202 100  
200 22.3 16.9 25.3  
203 19.1 13.8 20.8





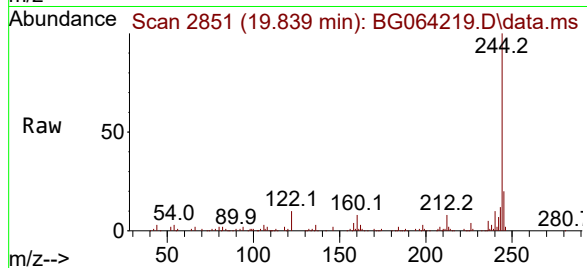
#79  
Terphenyl-d14  
Concen: 10.529 ng  
RT: 19.839 min Scan# 2851  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

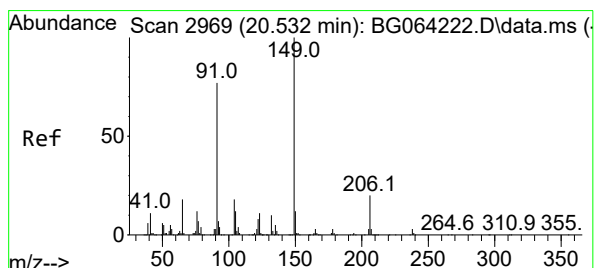
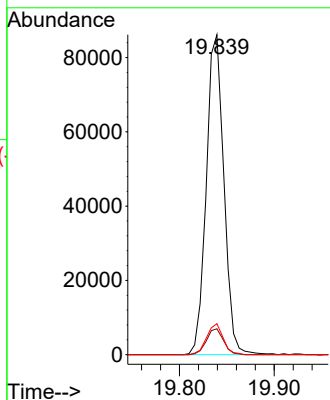
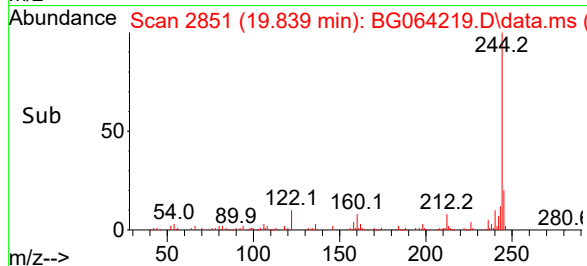


Tgt Ion:244 Resp: 11086  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.6 10.0  
122 9.7 7.0 10.6

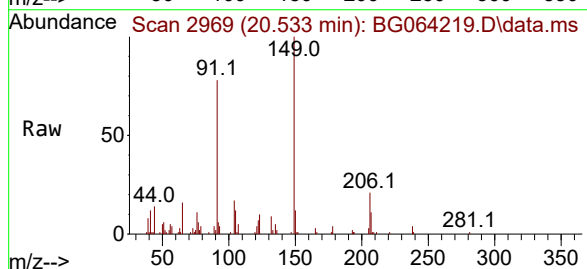
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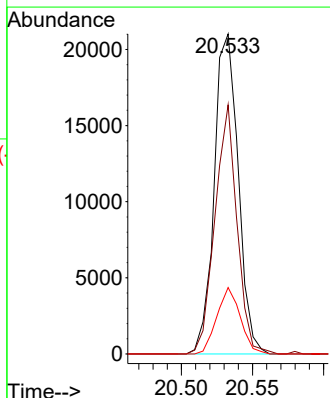
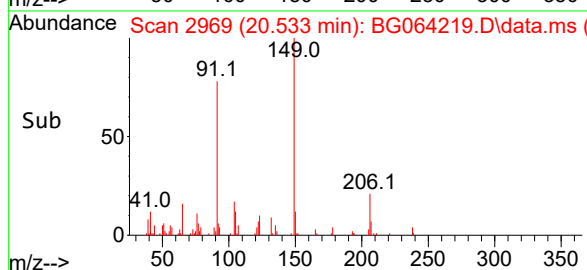
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

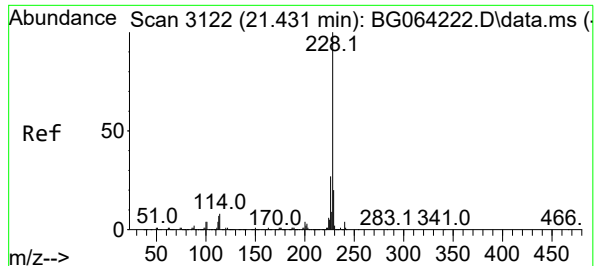


#80  
Butylbenzylphthalate  
Concen: 4.720 ng  
RT: 20.533 min Scan# 2969  
Delta R.T. 0.000 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32



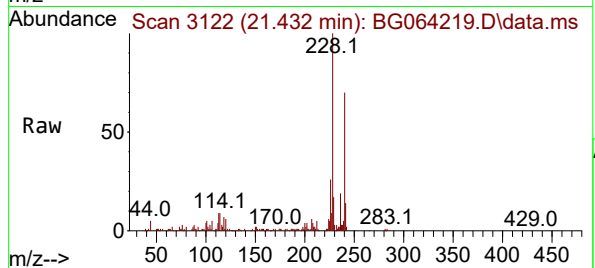
Tgt Ion:149 Resp: 24638  
Ion Ratio Lower Upper  
149 100  
91 77.9 61.4 92.0  
206 20.7 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 5.169 ng  
RT: 21.432 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

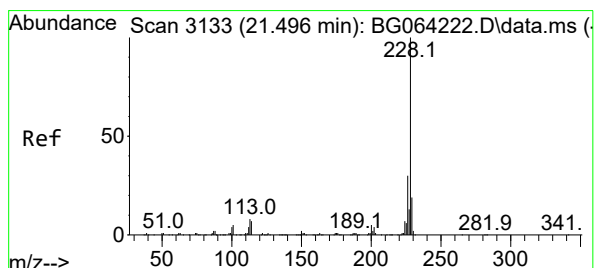
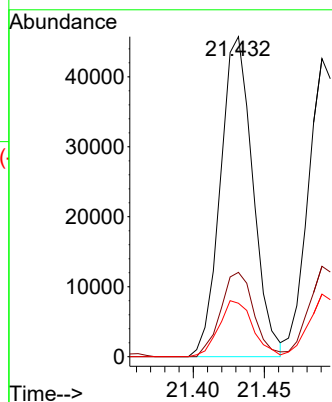
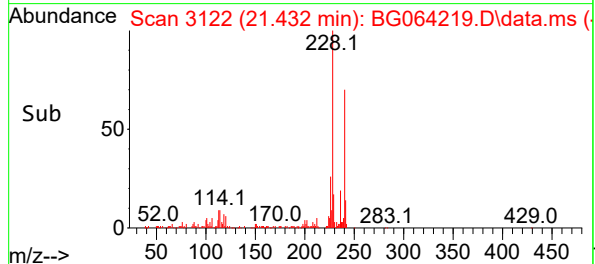
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:228 Resp: 72640  
Ion Ratio Lower Upper  
228 100  
226 26.3 21.7 32.5  
229 16.7 15.9 23.9

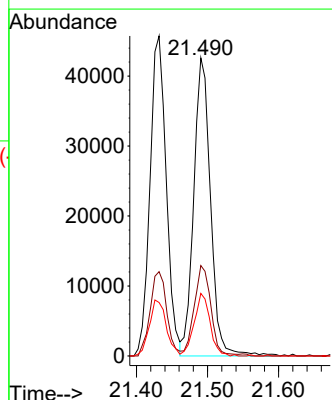
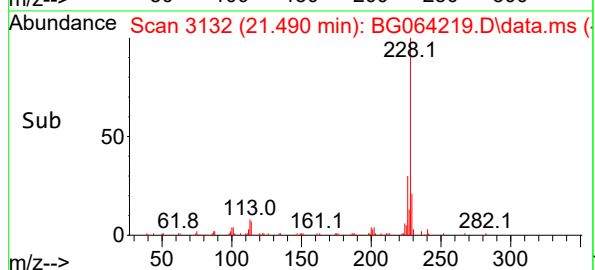
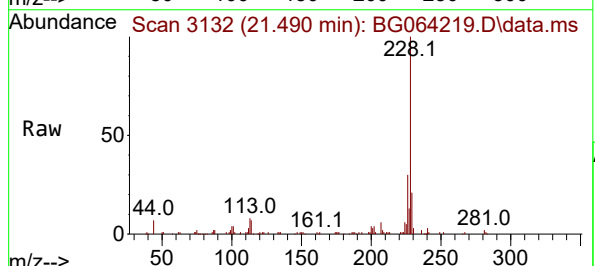
Manual Integrations  
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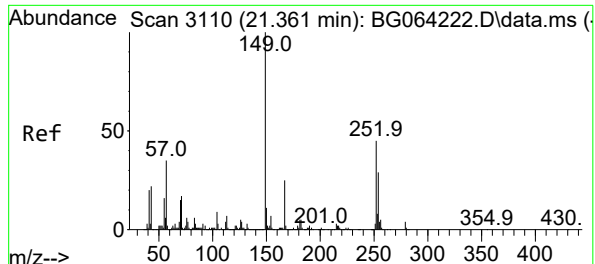
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#83  
Chrysene  
Concen: 5.199 ng  
RT: 21.490 min Scan# 3132  
Delta R.T. -0.012 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

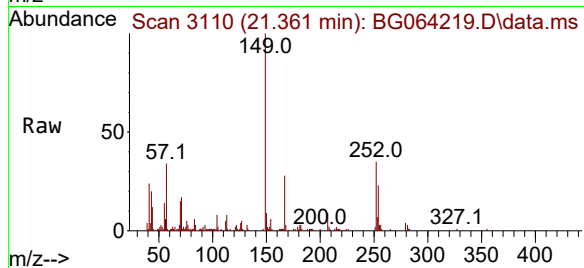
Tgt Ion:228 Resp: 70143  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.2 36.2  
229 21.0 15.4 23.2





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.000 ng  
RT: 21.361 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

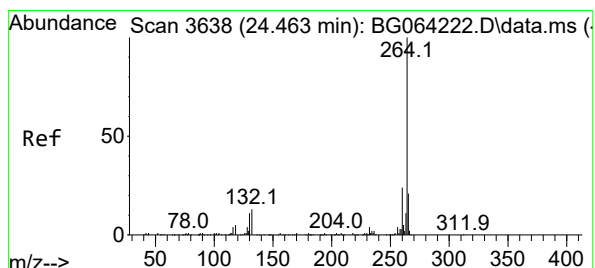
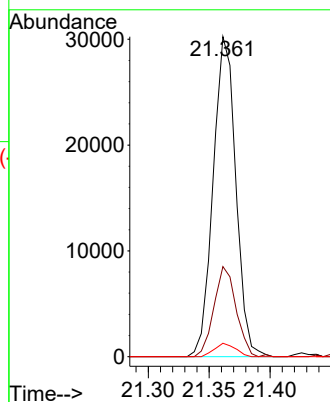
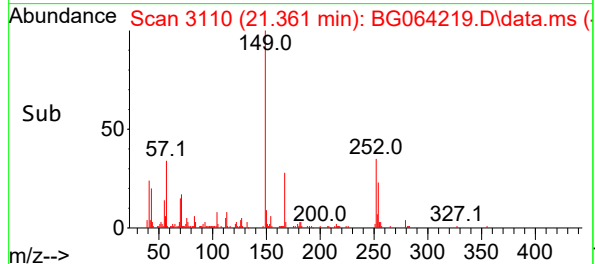
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 39184  
Ion Ratio Lower Upper  
149 100  
167 28.1 20.0 30.0  
279 4.2 3.0 4.4

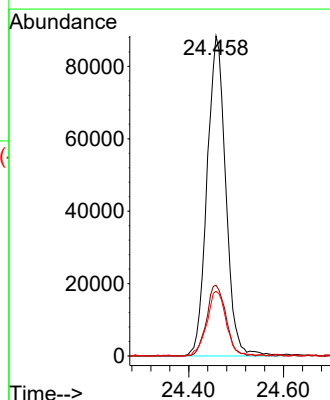
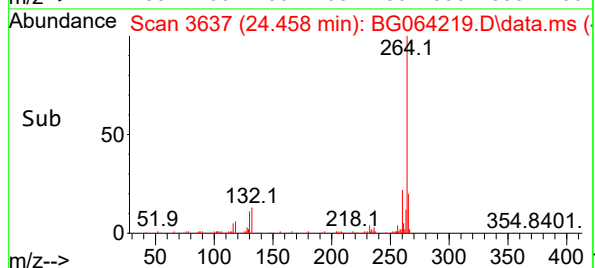
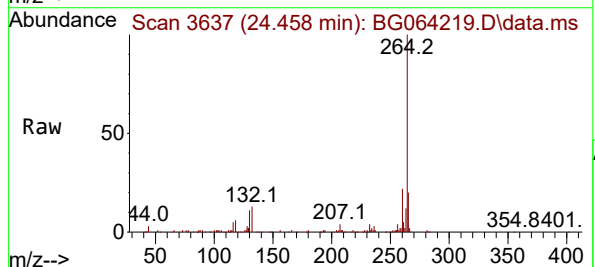
Manual Integrations  
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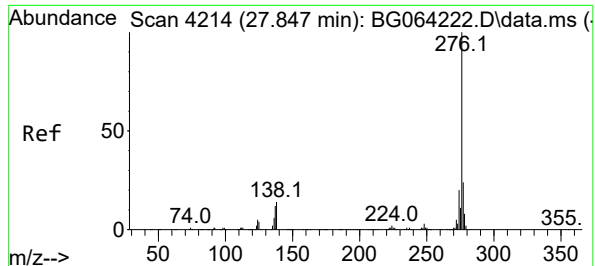
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.458 min Scan# 3637  
Delta R.T. -0.006 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:264 Resp: 241429  
Ion Ratio Lower Upper  
264 100  
260 22.1 18.9 28.3  
265 20.2 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.812 ng

RT: 27.836 min Scan# 41

Delta R.T. -0.035 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 7933

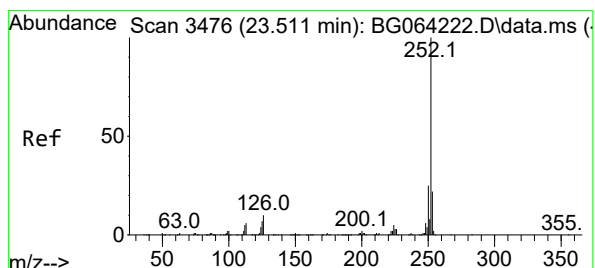
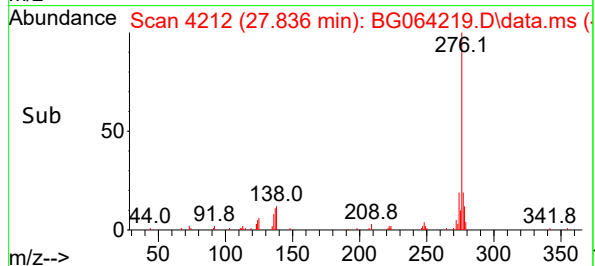
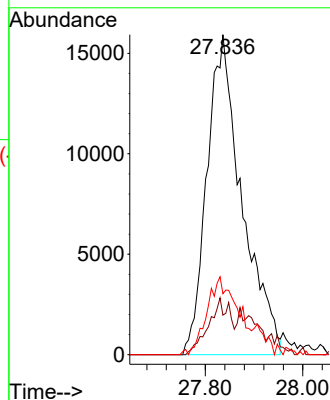
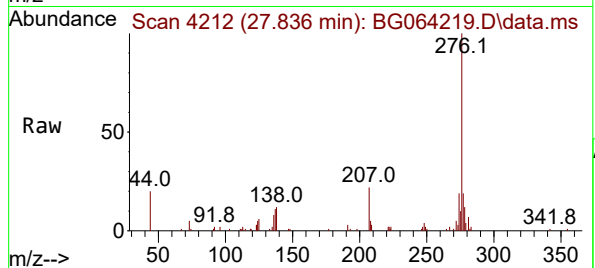
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 10.8  | 7.4   | 11.0  |
| 277 | 21.0  | 20.5  | 30.7  |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#88

Benzo(b)fluoranthene

Concen: 4.778 ng

RT: 23.506 min Scan# 3475

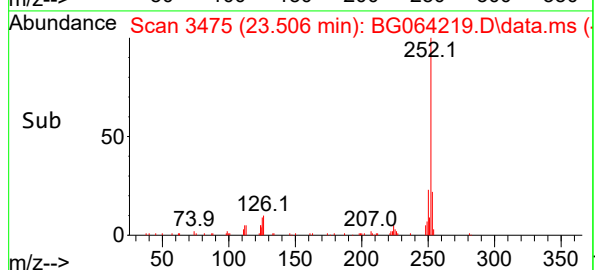
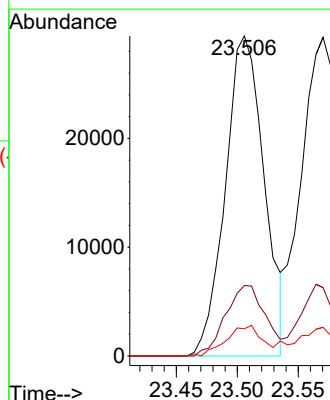
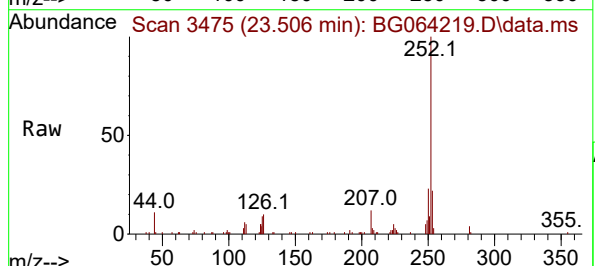
Delta R.T. -0.012 min

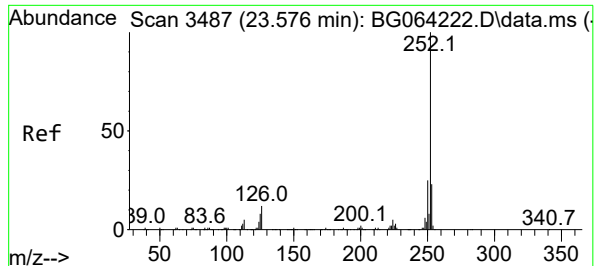
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion:252 Resp: 65111

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.5  | 26.3  |
| 125 | 8.5   | 5.9   | 8.9   |





#89

Benzo(k)fluoranthene

Concen: 5.049 ng

RT: 23.570 min Scan# 34

Delta R.T. -0.017 min

Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 70084

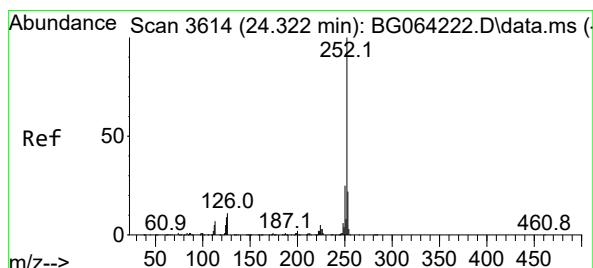
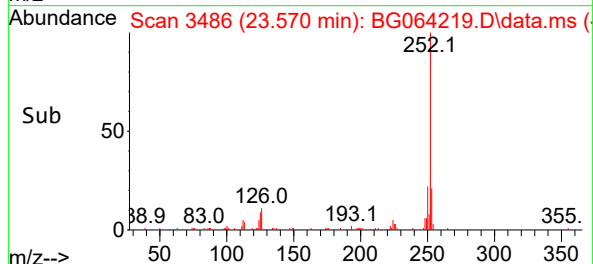
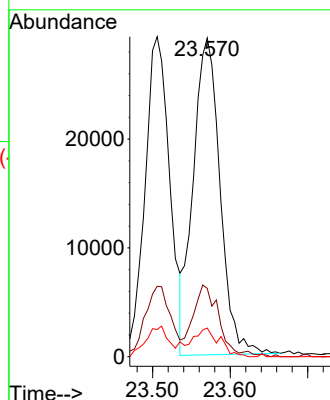
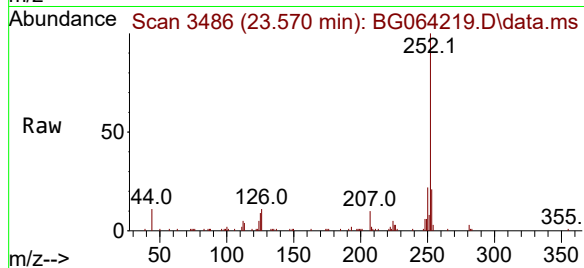
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.5  | 18.2  | 27.4  |
| 125 | 9.0   | 7.0   | 10.4  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 4.851 ng

RT: 24.311 min Scan# 3612

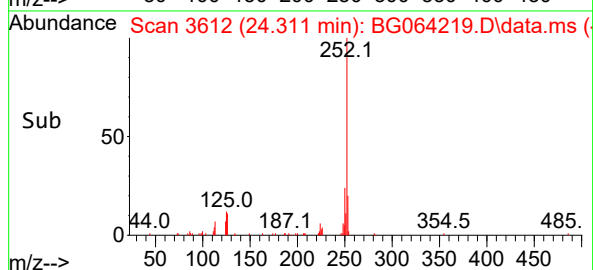
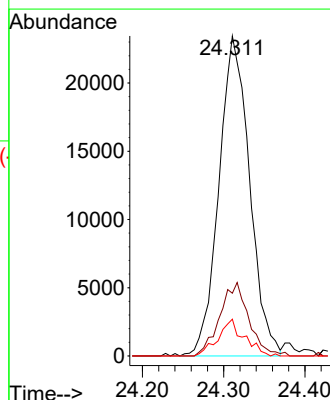
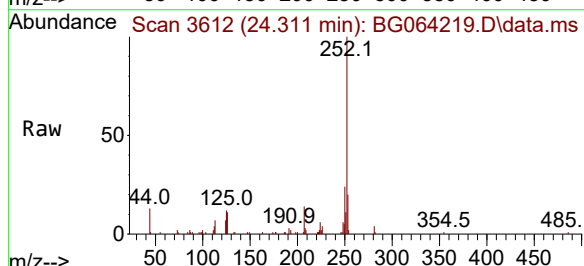
Delta R.T. -0.017 min

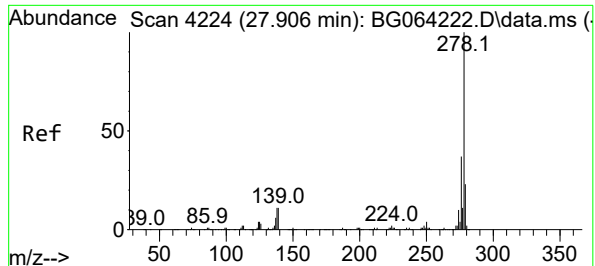
Lab File: BG064219.D

Acq: 28 Aug 2025 11:32

Tgt Ion:252 Resp: 61491

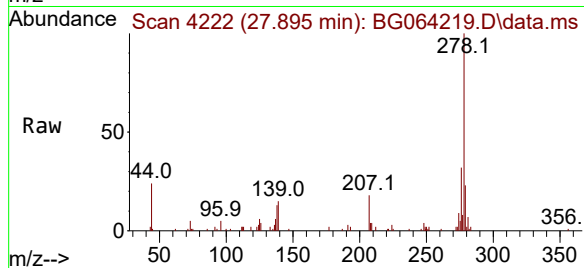
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 19.6  | 17.4  | 26.2  |
| 125 | 11.5  | 7.0   | 10.6  |





#91  
Dibenzo(a,h)anthracene  
Concen: 4.760 ng  
RT: 27.895 min Scan# 41  
Delta R.T. -0.029 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

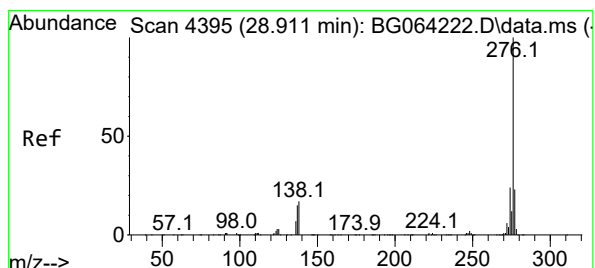
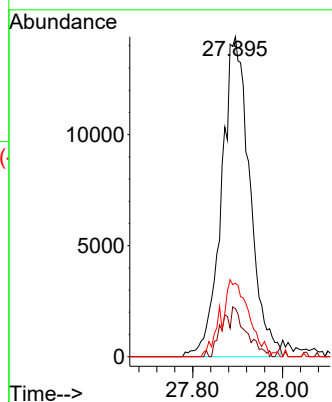
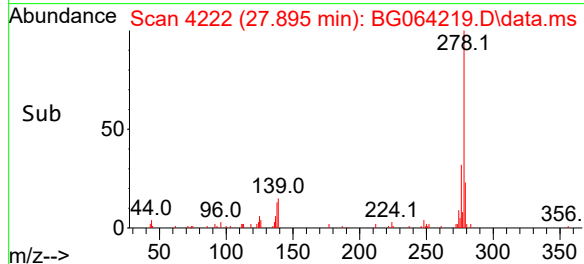
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:278 Resp: 6301  
Ion Ratio Lower Upper  
278 100  
139 15.0 9.0 13.4  
279 23.0 18.8 28.2

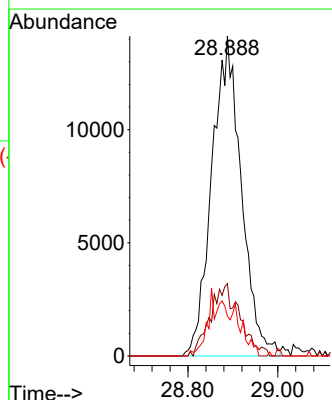
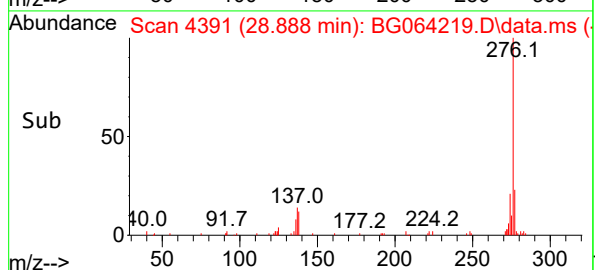
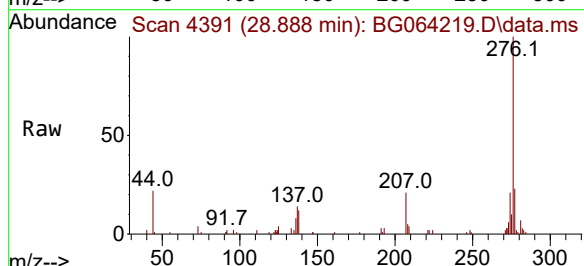
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#92  
Benzo(g,h,i)perylene  
Concen: 4.999 ng  
RT: 28.888 min Scan# 4391  
Delta R.T. -0.047 min  
Lab File: BG064219.D  
Acq: 28 Aug 2025 11:32

Tgt Ion:276 Resp: 64396  
Ion Ratio Lower Upper  
276 100  
277 22.6 18.2 27.4  
138 12.4 13.3 19.9#



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064220.D  
 Acq On : 28 Aug 2025 12:12  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.861  | 152  | 26130    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.641 | 136  | 128271   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.483 | 164  | 94175    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.221 | 188  | 221898   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.451 | 240  | 230611   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.460 | 264  | 253168   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.441  | 112  | 28574    | 19.619 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.021  | 99   | 38784    | 19.383 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.007  | 82   | 43627    | 18.968 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.964 | 330  | 24110    | 19.328 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.102 | 172  | 121075   | 19.623 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.842 | 244  | 224585   | 20.318 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.361  | 88   | 6848     | 11.281 | ng    | 84       |
| 3) Pyridine                   | 3.749  | 79   | 17966    | 10.054 | ng    | # 53     |
| 4) n-Nitrosodimethylamine     | 3.666  | 42   | 11613    | 9.825  | ng    | # 94     |
| 6) Aniline                    | 7.180  | 93   | 26763    | 9.672  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.427  | 128  | 16813    | 9.447  | ng    | 95       |
| 9) Benzaldehyde               | 6.998  | 77   | 15436    | 9.374  | ng    | 97       |
| 10) Phenol                    | 7.045  | 94   | 21260    | 9.637  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.280  | 93   | 16500    | 9.953  | ng    | 87       |
| 12) 1,3-Dichlorobenzene       | 7.744  | 146  | 19342    | 10.216 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.891  | 146  | 19887    | 10.407 | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.208  | 146  | 19045    | 10.327 | ng    | 92       |
| 15) Benzyl Alcohol            | 8.091  | 79   | 16948    | 9.179  | ng    | 89       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.378  | 45   | 38145    | 10.079 | ng    | 95       |
| 17) 2-Methylphenol            | 8.290  | 107  | 16238    | 9.876  | ng    | 87       |
| 18) Hexachloroethane          | 8.937  | 117  | 7549     | 10.121 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.655  | 70   | 15150    | 9.893  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.619  | 107  | 22656    | 9.917  | ng    | 98       |
| 22) Acetophenone              | 8.672  | 105  | 31085    | 9.579  | ng    | # 97     |
| 24) Nitrobenzene              | 9.048  | 77   | 22299    | 9.279  | ng    | 98       |
| 25) Isophorone                | 9.571  | 82   | 46345    | 9.695  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.759  | 139  | 9333     | 8.988  | ng    | # 83     |
| 27) 2,4-Dimethylphenol        | 9.818  | 122  | 17379    | 9.533  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.059 | 93   | 25711    | 9.975  | ng    | # 96     |
| 29) 2,4-Dichlorophenol        | 10.288 | 162  | 17846    | 9.278  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.505 | 180  | 19563    | 9.646  | ng    | 97       |
| 31) Naphthalene               | 10.693 | 128  | 64906    | 9.758  | ng    | 97       |
| 32) Benzoic acid              | 9.906  | 122  | 10223m   | 7.064  | ng    |          |
| 33) 4-Chloroaniline           | 10.799 | 127  | 24285    | 9.420  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.987 | 225  | 15152    | 10.107 | ng    | # 92     |
| 35) Caprolactam               | 11.545 | 113  | 6949     | 9.330  | ng    | # 88     |
| 36) 4-Chloro-3-methylphenol   | 11.921 | 107  | 24476    | 9.807  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.303 | 142  | 47947    | 9.698  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.521 | 142  | 48414    | 9.914  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.673 | 216  | 26203    | 9.643  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.656 | 237  | 10398    | 8.052  | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 17055    | 9.391  | ng    | 87       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064220.D  
 Acq On : 28 Aug 2025 12:12  
 Operator : RC/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC010

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

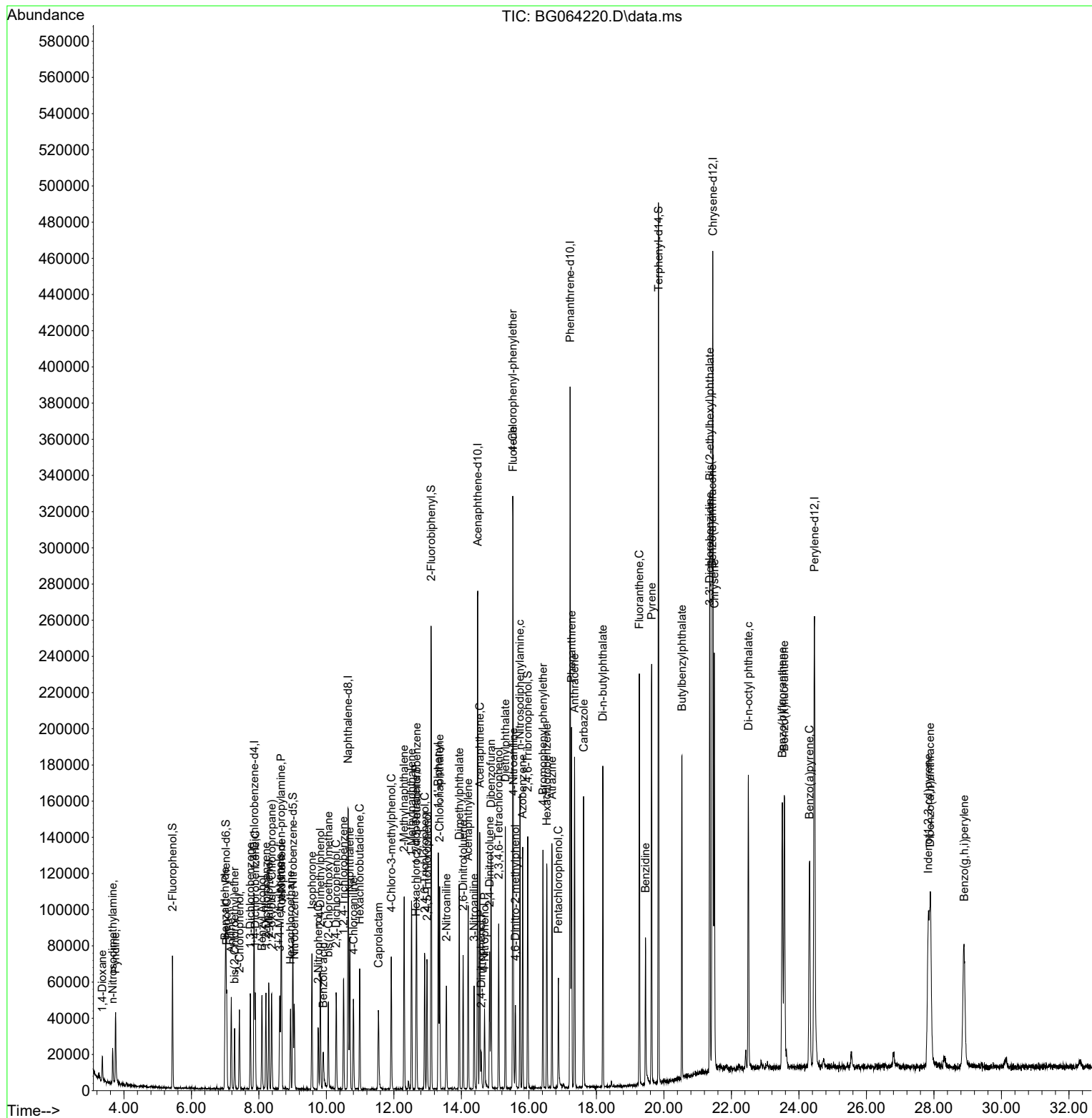
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.985 | 196  | 18196    | 9.236  | ng    | 92       |
| 46) 1,1'-Biphenyl             | 13.314 | 154  | 66470    | 9.691  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.355 | 162  | 49869    | 9.671  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.555 | 65   | 15487    | 8.811  | ng    | 94       |
| 49) Acenaphthylene            | 14.201 | 152  | 71937    | 9.437  | ng    | 99       |
| 50) Dimethylphthalate         | 13.937 | 163  | 69493    | 9.749  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.048 | 165  | 12682    | 9.190  | ng    | 95       |
| 52) Acenaphthene              | 14.542 | 154  | 52750    | 9.806  | ng    | 92       |
| 53) 3-Nitroaniline            | 14.377 | 138  | 13157    | 9.102  | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.589 | 184  | 4543     | 10.334 | ng    | 96       |
| 55) Dibenzofuran              | 14.877 | 168  | 82692    | 9.773  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.689 | 139  | 9355     | 7.889  | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.836 | 165  | 18726    | 8.975  | ng    | # 84     |
| 58) Fluorene                  | 15.529 | 166  | 69596    | 10.035 | ng    | 92       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.106 | 232  | 17783    | 9.385  | ng    | 96       |
| 60) Diethylphthalate          | 15.300 | 149  | 74277    | 9.736  | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 15.523 | 204  | 33756    | 9.762  | ng    | 93       |
| 62) 4-Nitroaniline            | 15.541 | 138  | 12962    | 8.788  | ng    | # 88     |
| 63) Azobenzene                | 15.811 | 77   | 66963    | 9.848  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.599 | 198  | 9467     | 7.431  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.735 | 169  | 57515    | 9.422  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.416 | 248  | 23643    | 10.032 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.534 | 284  | 25688    | 9.815  | ng    | 100      |
| 69) Atrazine                  | 16.681 | 200  | 25479    | 9.997  | ng    | 90       |
| 70) Pentachlorophenol         | 16.874 | 266  | 12208    | 7.693  | ng    | # 83     |
| 71) Phenanthrene              | 17.262 | 178  | 114456   | 9.780  | ng    | 99       |
| 72) Anthracene                | 17.350 | 178  | 116836   | 9.814  | ng    | 96       |
| 73) Carbazole                 | 17.621 | 167  | 100709   | 9.603  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.191 | 149  | 120797   | 9.587  | ng    | 97       |
| 75) Fluoranthene              | 19.272 | 202  | 134413   | 9.767  | ng    | 98       |
| 77) Benzidine                 | 19.454 | 184  | 52385    | 10.798 | ng    | 99       |
| 78) Pyrene                    | 19.636 | 202  | 142485   | 9.807  | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.535 | 149  | 50791    | 9.269  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.428 | 228  | 142752   | 9.676  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.352 | 252  | 46265    | 9.629  | ng    | 97       |
| 83) Chrysene                  | 21.493 | 228  | 138050   | 9.747  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.363 | 149  | 78558    | 9.549  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.503 | 149  | 133728   | 9.329  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.832 | 276  | 164791   | 9.531  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.508 | 252  | 136893   | 9.581  | ng    | 95       |
| 89) Benzo(k)fluoranthene      | 23.567 | 252  | 142634   | 9.798  | ng    | 96       |
| 90) Benzo(a)pyrene            | 24.313 | 252  | 123820   | 9.316  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.891 | 278  | 130614   | 9.409  | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 28.896 | 276  | 130254   | 9.643  | ng    | 99       |

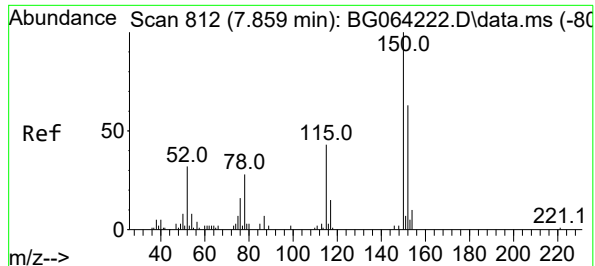
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC010

## Manual Integrations APPROVED

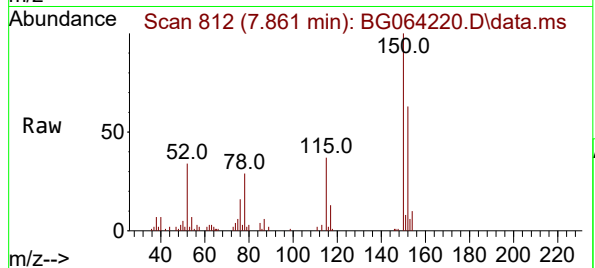
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jaagrut Upadhyay 08/29/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.861 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

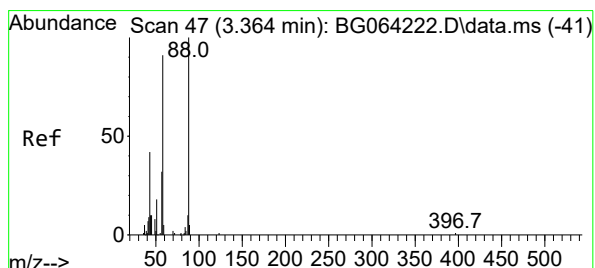
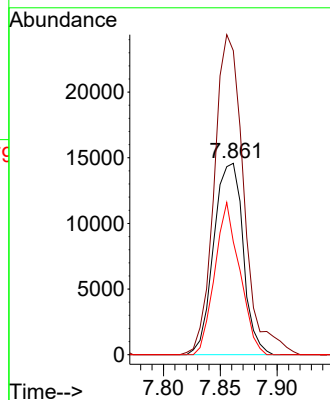
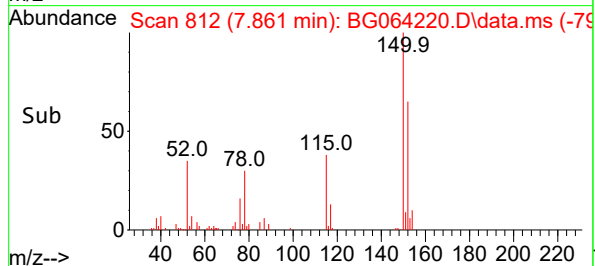
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:152 Resp: 26130  
Ion Ratio Lower Upper  
152 100  
150 158.8 128.0 192.0  
115 58.9 55.7 83.5

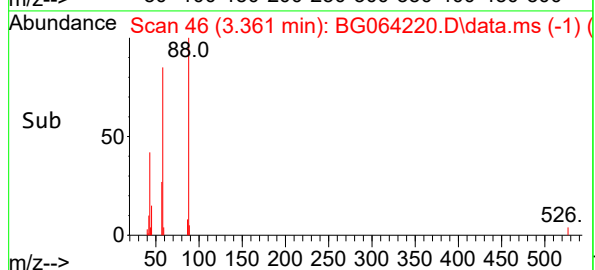
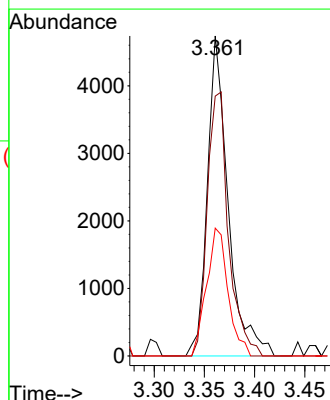
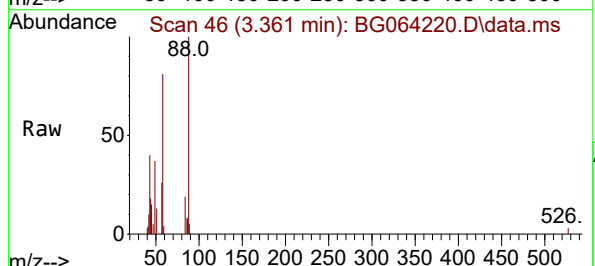
Manual Integrations  
APPROVED

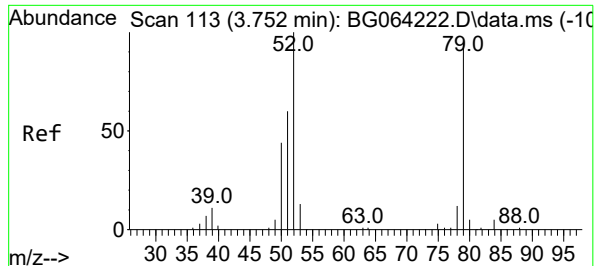
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#2  
1,4-Dioxane  
Concen: 11.281 ng  
RT: 3.361 min Scan# 46  
Delta R.T. 0.002 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

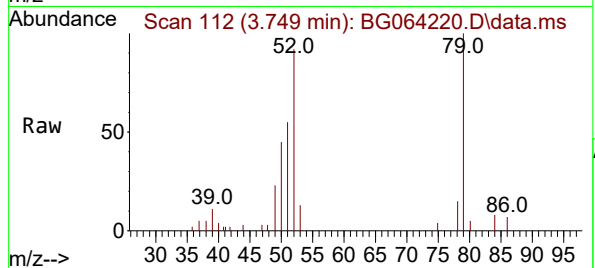
Tgt Ion: 88 Resp: 6848  
Ion Ratio Lower Upper  
88 100  
58 84.2 80.8 121.2  
43 41.3 40.3 60.5





#3  
Pyridine  
Concen: 10.054 ng  
RT: 3.749 min Scan# 113  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

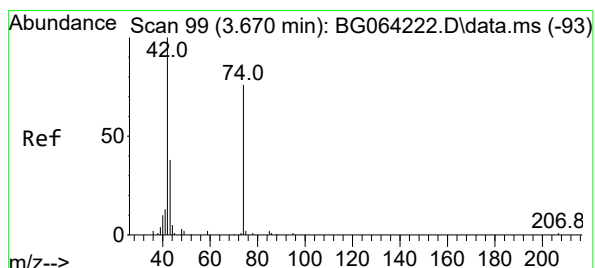
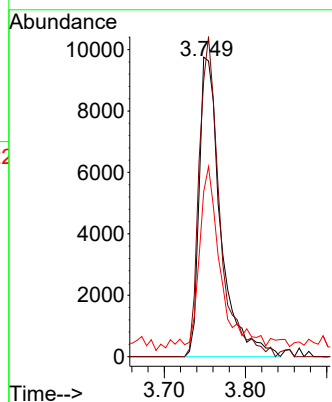
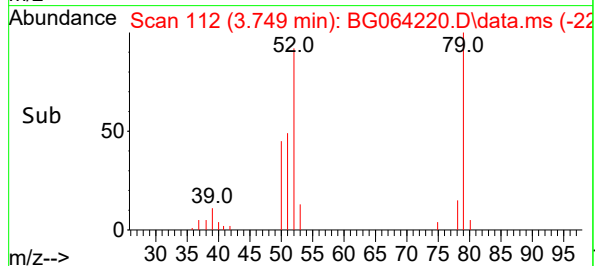
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion: 79 Resp: 1796  
Ion Ratio Lower Upper  
79 100  
52 92.2 86.6 129.8  
51 55.2 114.1 171.1

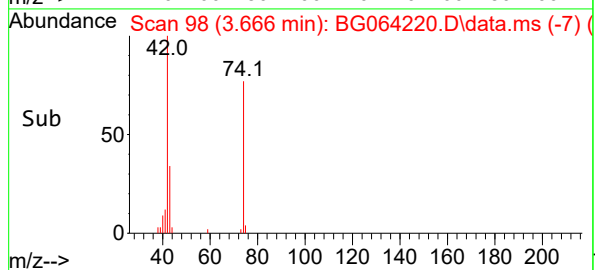
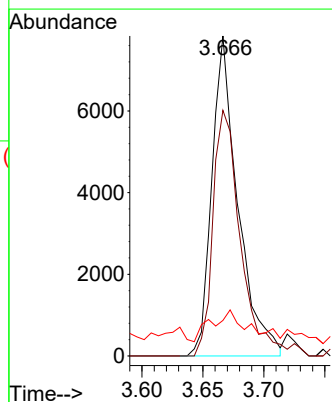
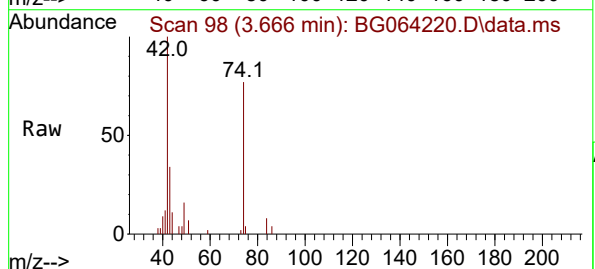
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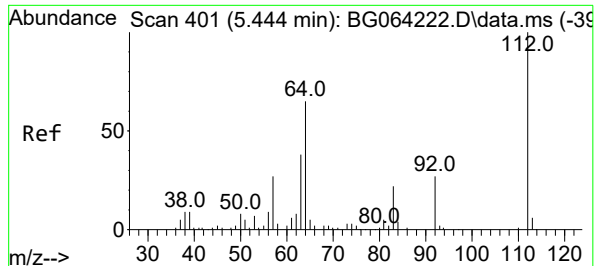
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#4  
n-Nitrosodimethylamine  
Concen: 9.825 ng  
RT: 3.666 min Scan# 98  
Delta R.T. 0.002 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion: 42 Resp: 11613  
Ion Ratio Lower Upper  
42 100  
74 76.7 58.0 87.0  
44 11.1 5.5 8.3





#5

2-Fluorophenol

Concen: 19.619 ng

RT: 5.441 min Scan# 401

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:112 Resp: 28574

Ion Ratio Lower Upper

112 100

64 63.8 51.8 77.6

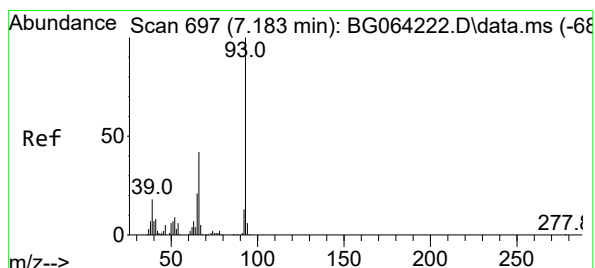
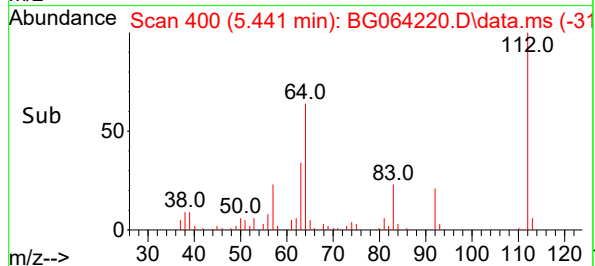
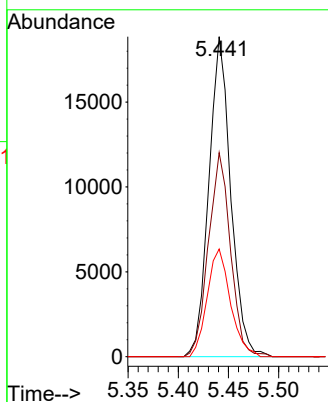
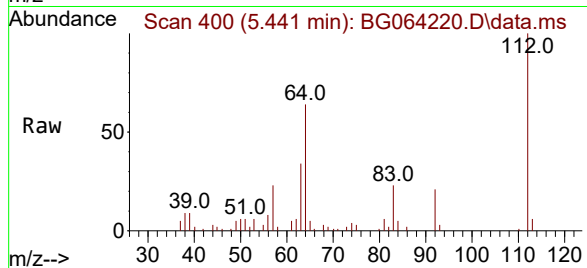
63 33.7 30.6 45.8

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 9.672 ng

RT: 7.180 min Scan# 696

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

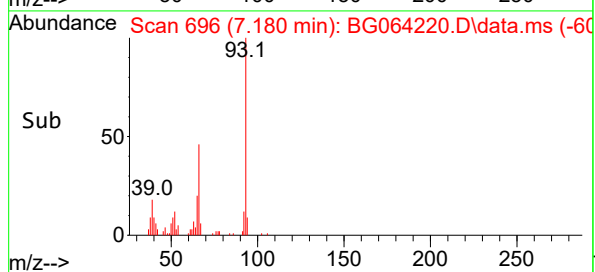
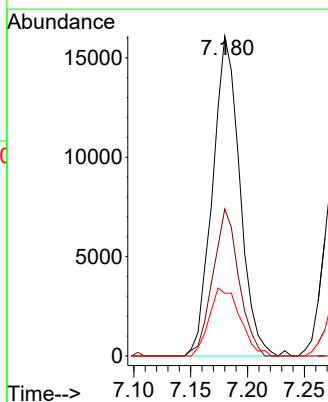
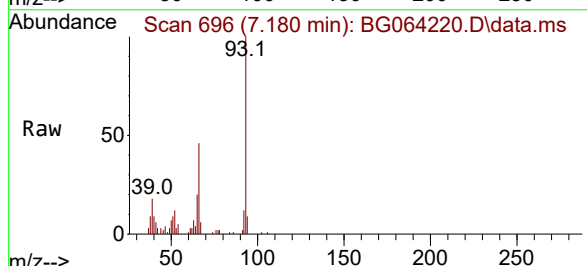
Tgt Ion: 93 Resp: 26763

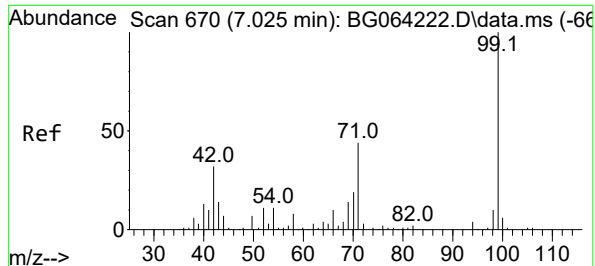
Ion Ratio Lower Upper

93 100

66 46.0 33.8 50.8

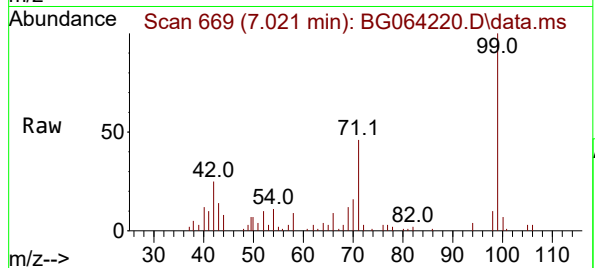
65 19.6 16.9 25.3





#7  
Phenol-d6  
Concen: 19.383 ng  
RT: 7.021 min Scan# 609  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

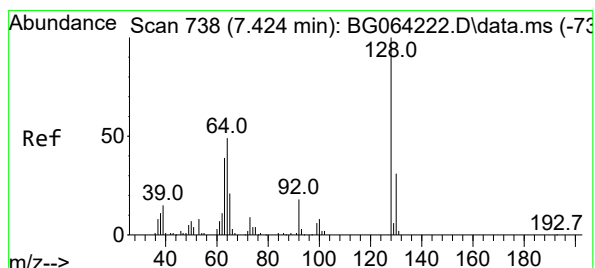
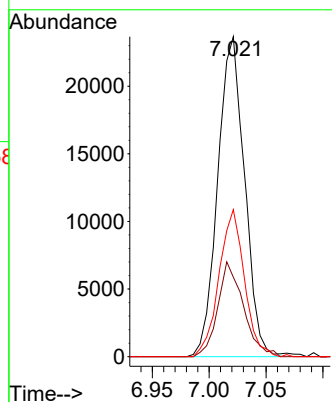
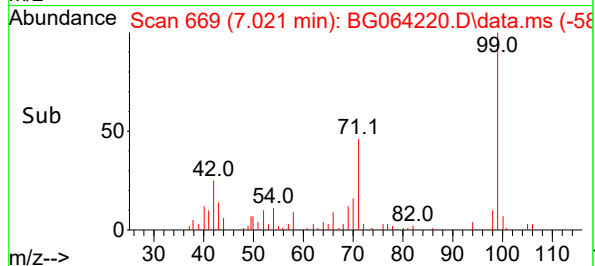
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion: 99 Resp: 38784  
Ion Ratio Lower Upper  
99 100  
42 24.8 25.8 38.8  
71 45.9 35.2 52.8

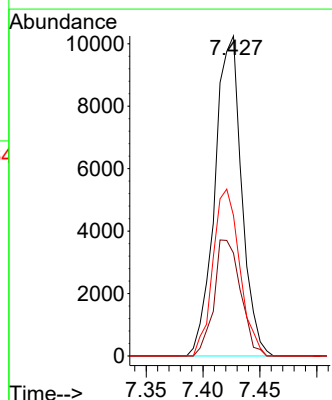
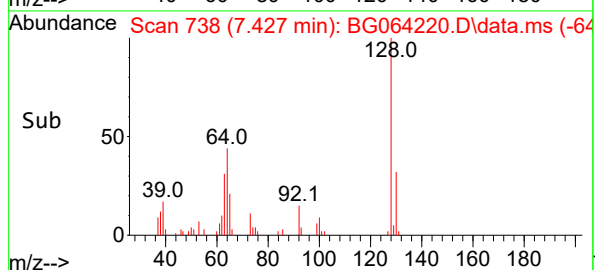
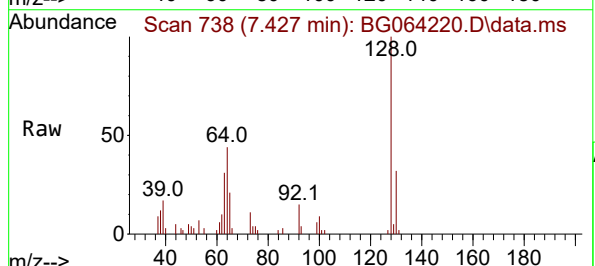
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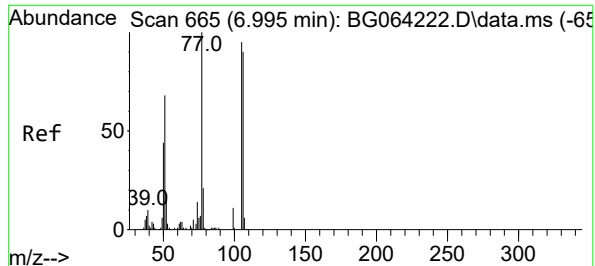
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#8  
2-Chlorophenol  
Concen: 9.447 ng  
RT: 7.427 min Scan# 738  
Delta R.T. 0.002 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:128 Resp: 16813  
Ion Ratio Lower Upper  
128 100  
130 32.1 10.9 50.9  
64 43.9 28.7 68.7





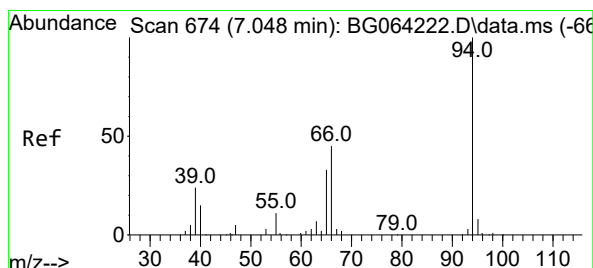
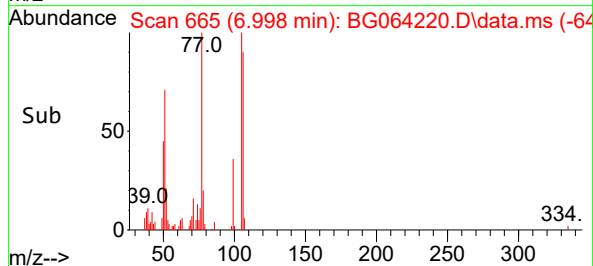
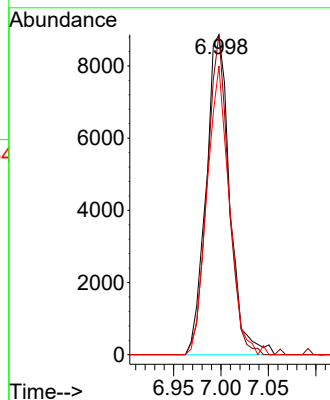
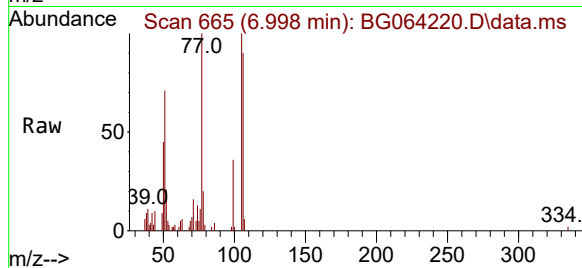
#9  
Benzaldehyde  
Concen: 9.374 ng  
RT: 6.998 min Scan# 60  
Delta R.T. 0.003 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion: 77 Resp: 15430  
Ion Ratio Lower Upper  
77 100  
105 100.0 75.2 115.2  
106 90.1 69.6 109.6

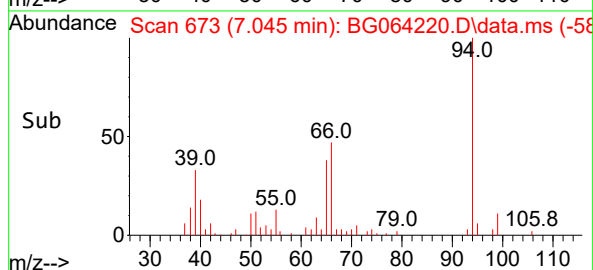
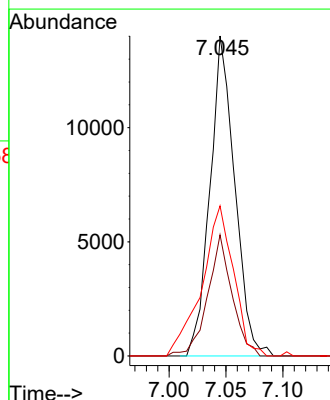
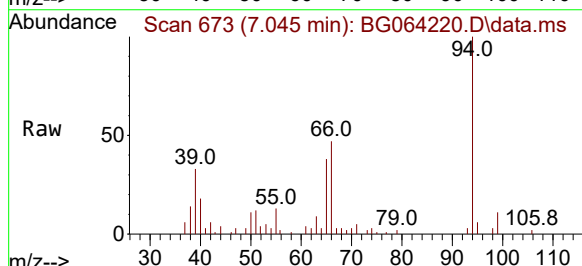
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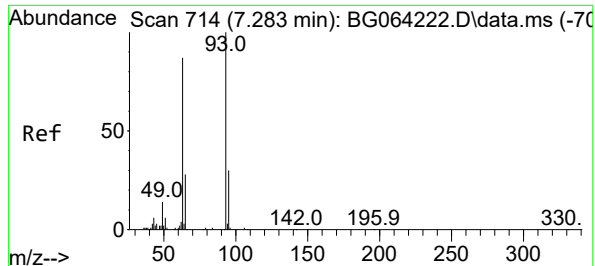
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#10  
Phenol  
Concen: 9.637 ng  
RT: 7.045 min Scan# 673  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion: 94 Resp: 21260  
Ion Ratio Lower Upper  
94 100  
65 37.9 13.5 53.5  
66 46.9 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 9.953 ng

RT: 7.280 min Scan# 714

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 16500

Ion Ratio Lower Upper

93 100

63 98.6 66.2 106.2

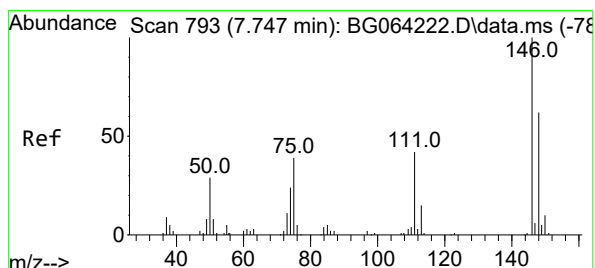
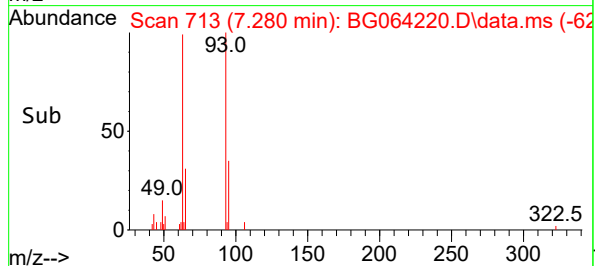
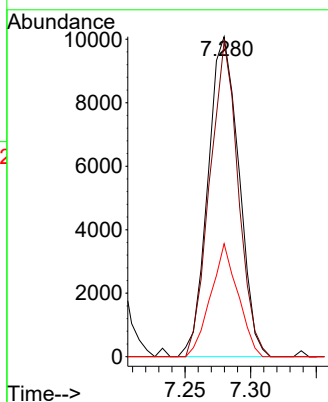
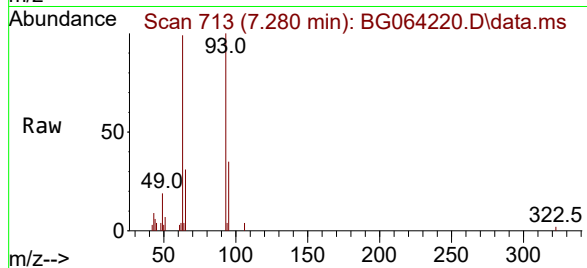
95 35.3 9.8 49.8

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 10.216 ng

RT: 7.744 min Scan# 792

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

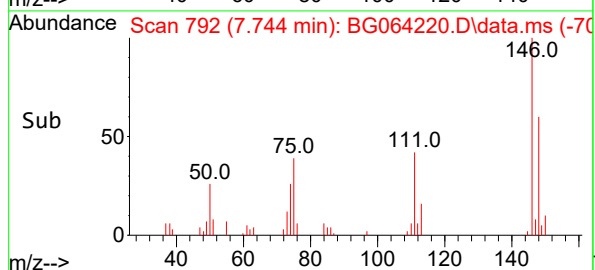
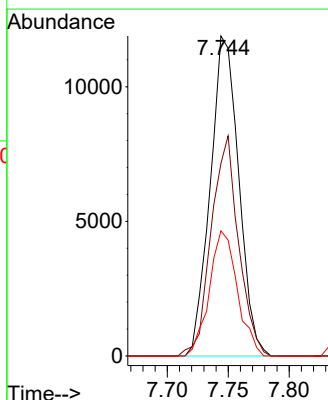
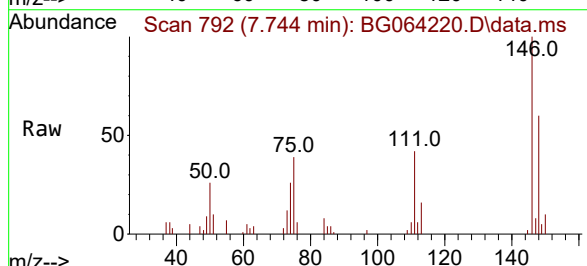
Tgt Ion:146 Resp: 19342

Ion Ratio Lower Upper

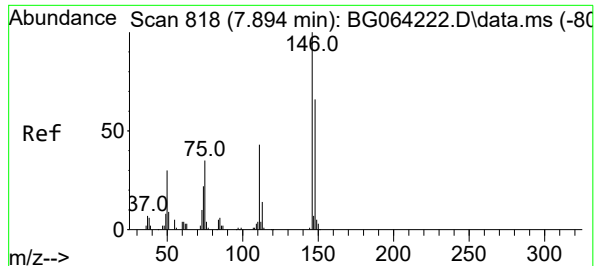
146 100

148 60.1 49.6 74.4

75 39.1 31.0 46.6







#13

1,4-Dichlorobenzene

Concen: 10.407 ng

RT: 7.891 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

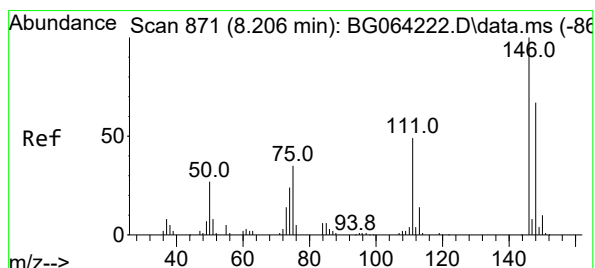
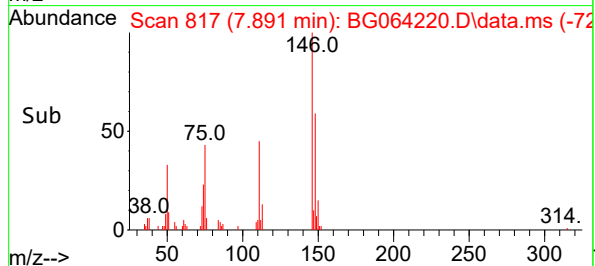
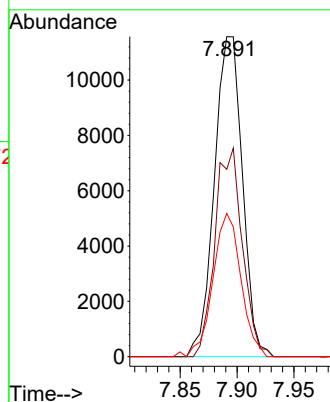
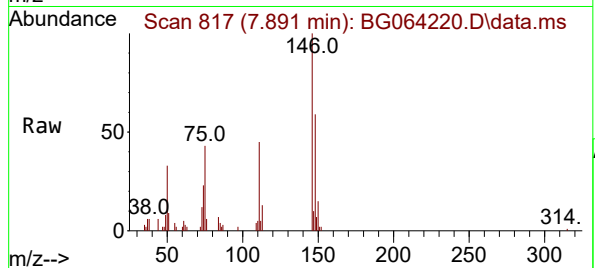
SSTDICC010

| Tgt Ion   | 146   | Resp  | 1988 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 148       | 58.6  | 52.8  | 79.2 |
| 111       | 44.8  | 34.1  | 51.1 |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 10.327 ng

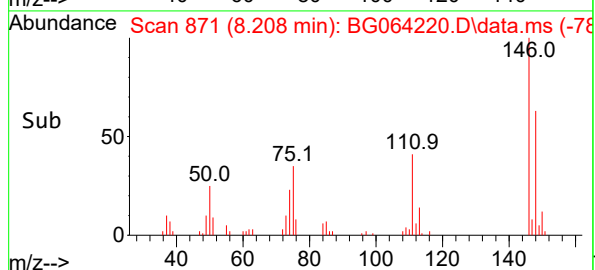
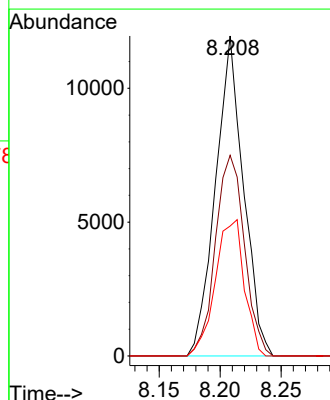
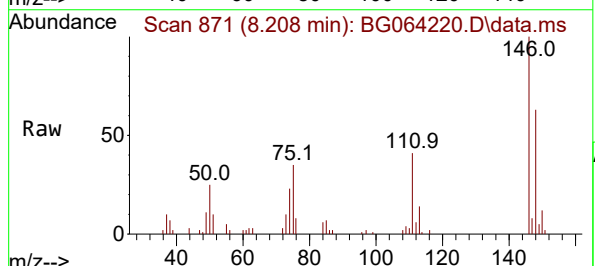
RT: 8.208 min Scan# 871

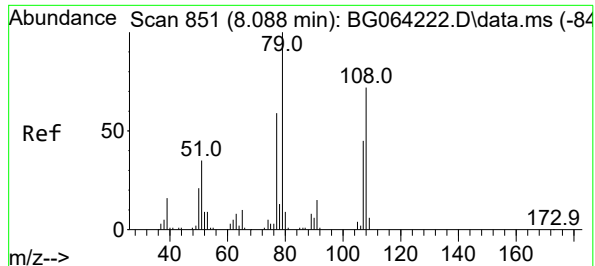
Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

| Tgt Ion   | 146   | Resp  | 19045 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 62.7  | 53.4  | 80.0  |
| 111       | 40.6  | 39.1  | 58.7  |





#15

Benzyl Alcohol

Concen: 9.179 ng

RT: 8.091 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 1694

Ion Ratio Lower Upper

79 100

108 78.6 57.4 86.0

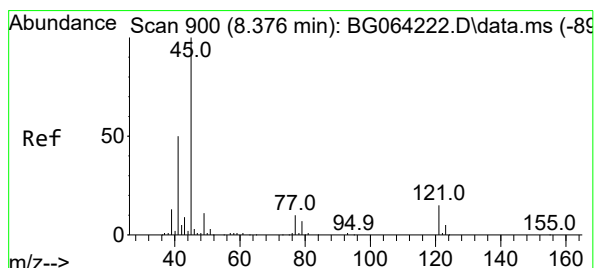
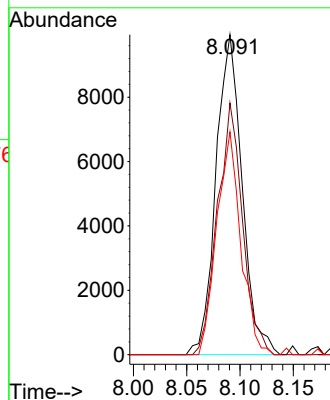
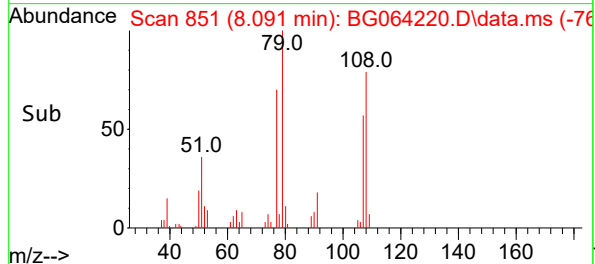
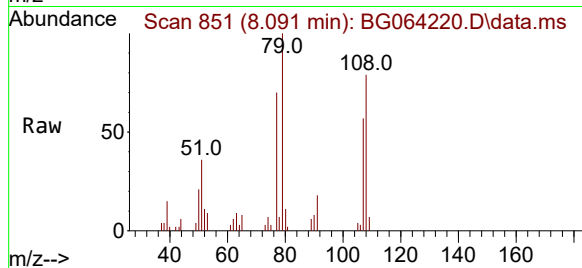
77 69.6 47.2 70.8

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.079 ng

RT: 8.378 min Scan# 900

Delta R.T. 0.002 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

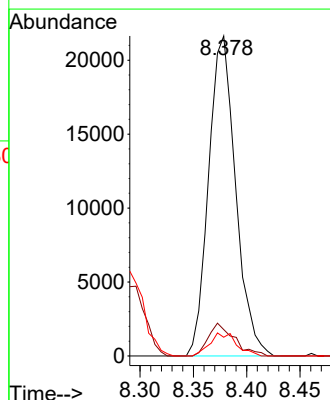
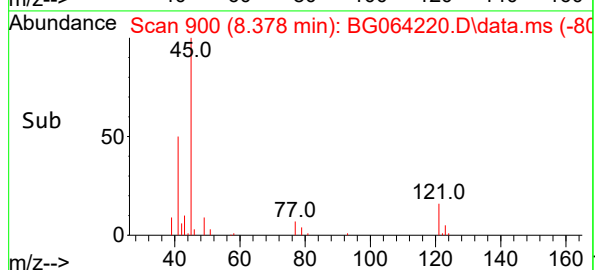
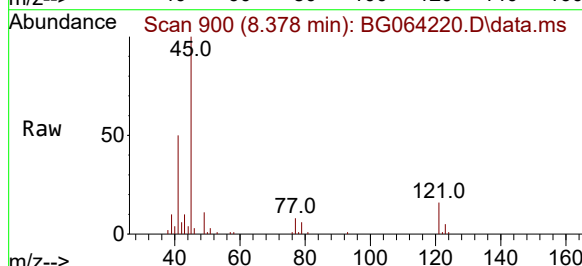
Tgt Ion: 45 Resp: 38145

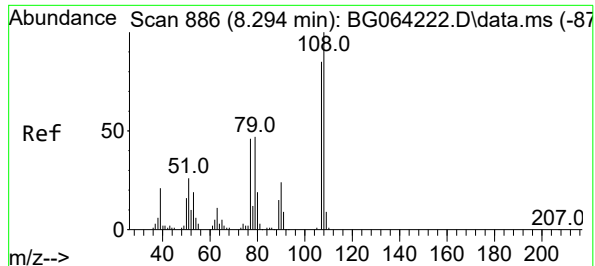
Ion Ratio Lower Upper

45 100

77 8.3 0.0 30.0

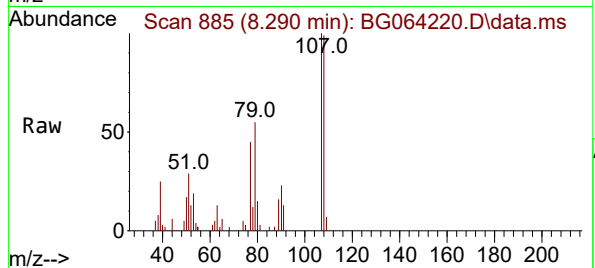
79 5.8 0.0 27.9





#17  
2-Methylphenol  
Concen: 9.876 ng  
RT: 8.290 min Scan# 886  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

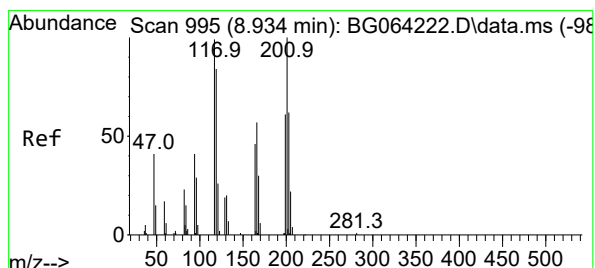
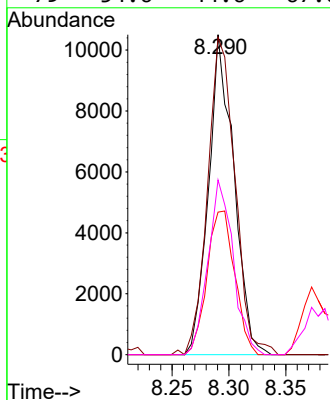
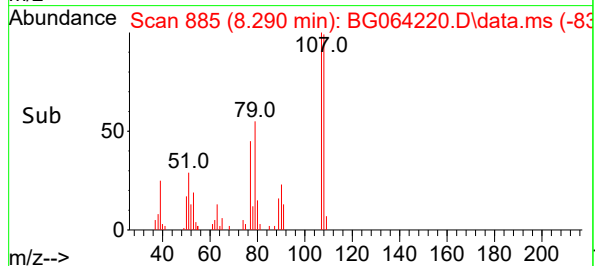
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:107 Resp: 16238  
Ion Ratio Lower Upper  
107 100  
108 99.2 94.6 141.8  
77 44.6 43.7 65.5  
79 54.6 44.6 67.0

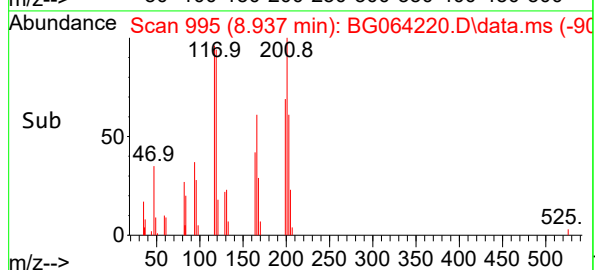
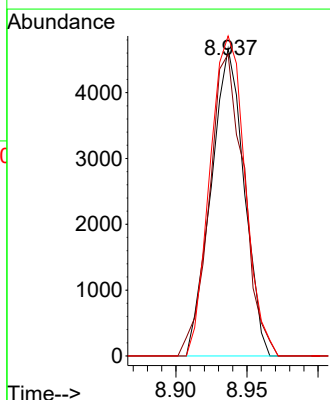
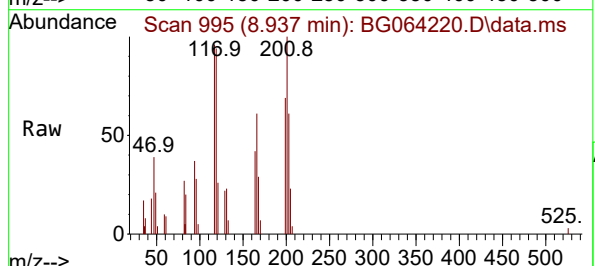
Manual Integrations  
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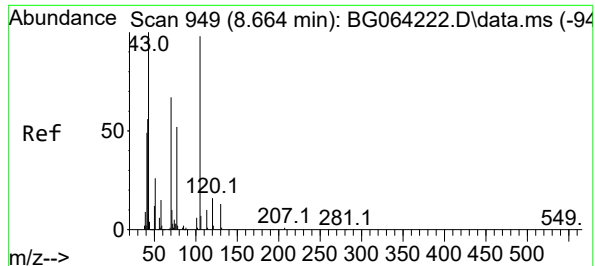
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#18  
Hexachloroethane  
Concen: 10.121 ng  
RT: 8.937 min Scan# 995  
Delta R.T. 0.002 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:117 Resp: 7549  
Ion Ratio Lower Upper  
117 100  
119 98.1 67.9 101.9  
201 104.0 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 9.893 ng

RT: 8.655 min Scan# 94

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 15150

Ion Ratio Lower Upper

70 100

42 89.9 67.9 101.9

101 6.9 7.3 10.9

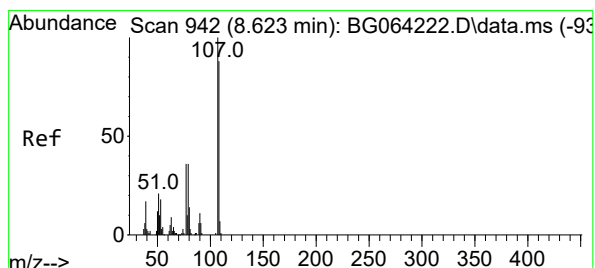
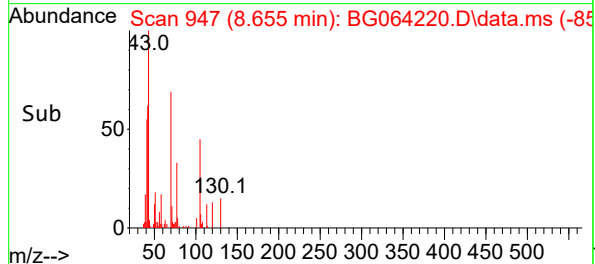
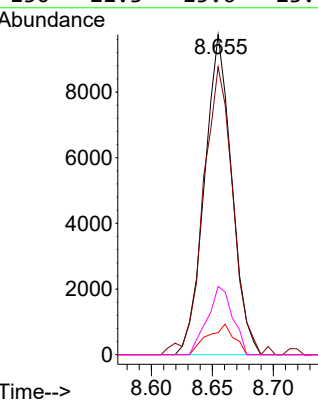
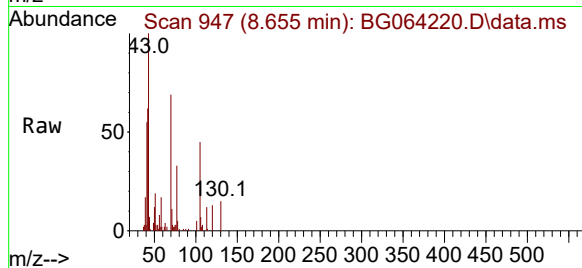
130 21.3 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 9.917 ng

RT: 8.619 min Scan# 941

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion:107 Resp: 22656

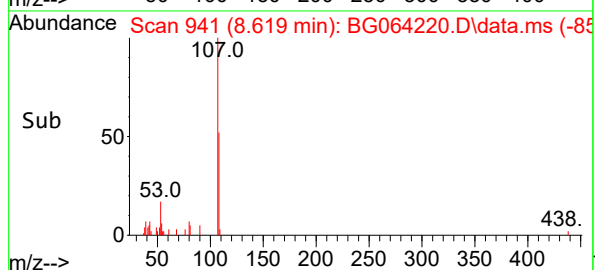
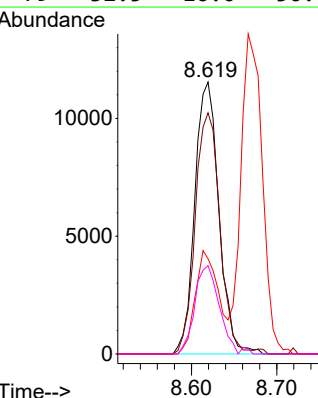
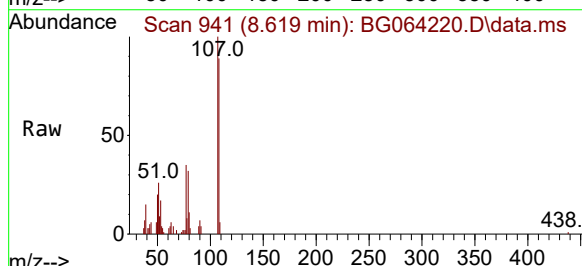
Ion Ratio Lower Upper

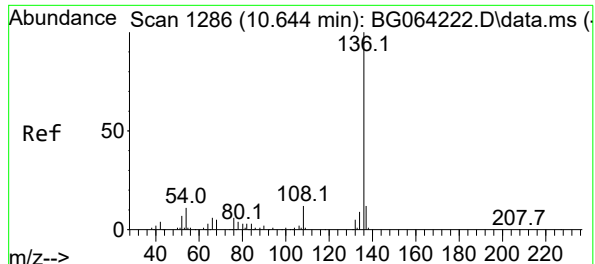
107 100

108 88.7 68.1 108.1

77 35.0 15.9 55.9

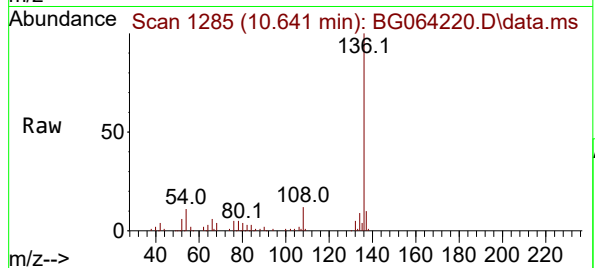
79 32.5 16.0 56.0





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.641 min Scan# 1287  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

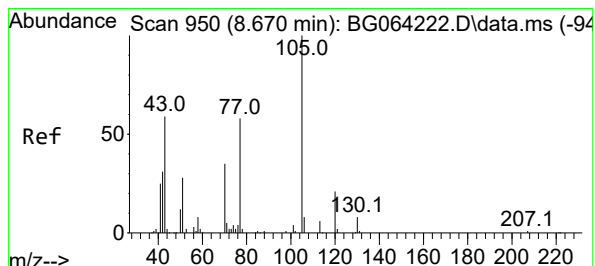
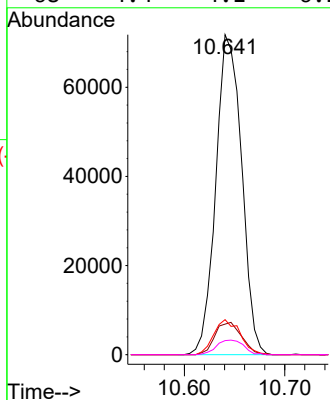
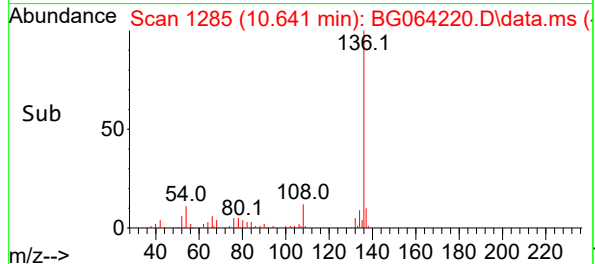
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:136 Resp: 12827  
Ion Ratio Lower Upper  
136 100  
137 9.6 9.6 14.4  
54 11.0 8.8 13.2  
68 4.4 4.1 6.1

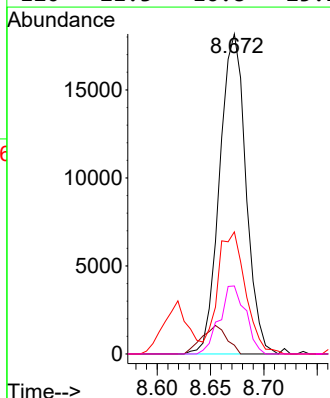
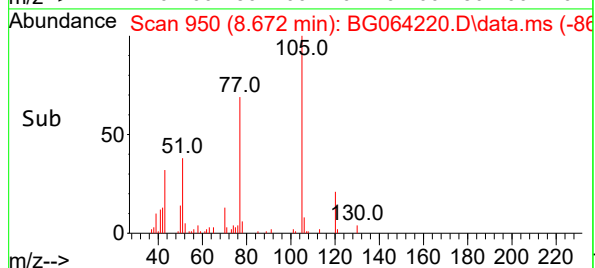
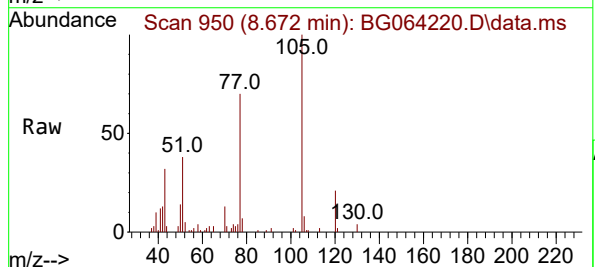
Manual Integrations  
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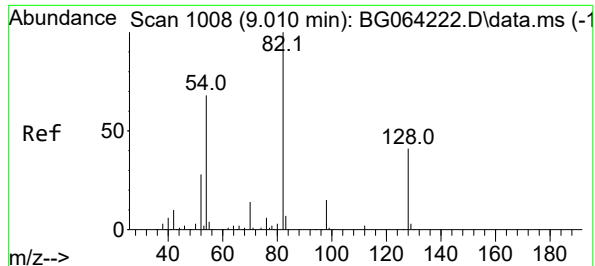
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#22  
Acetophenone  
Concen: 9.579 ng  
RT: 8.672 min Scan# 950  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:105 Resp: 31085  
Ion Ratio Lower Upper  
105 100  
71 2.8 4.3 6.5  
51 38.2 32.4 48.6  
120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 18.968 ng

RT: 9.007 min Scan# 1007

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

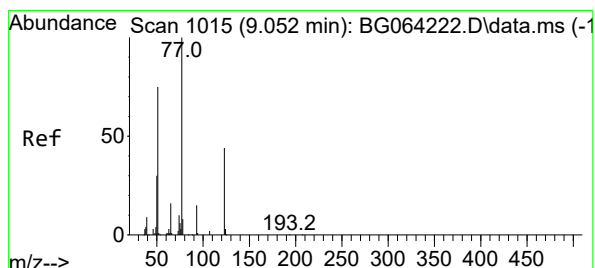
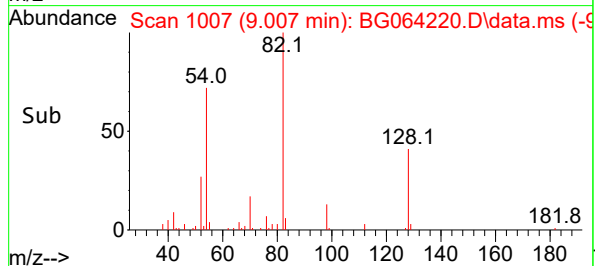
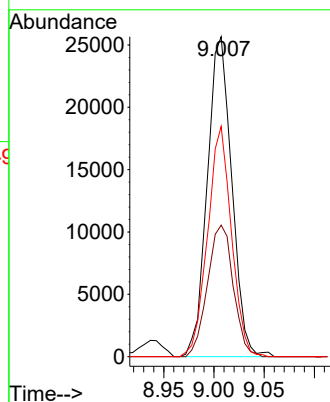
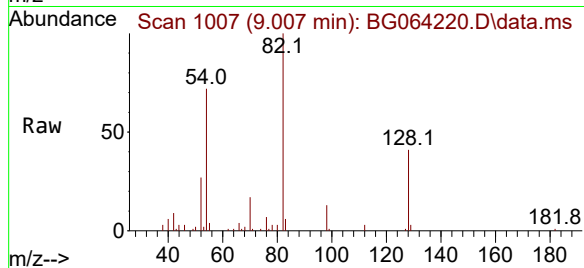
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4362  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.1  | 32.6  | 48.8  |
| 54       | 71.9  | 54.7  | 82.1  |

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 9.279 ng

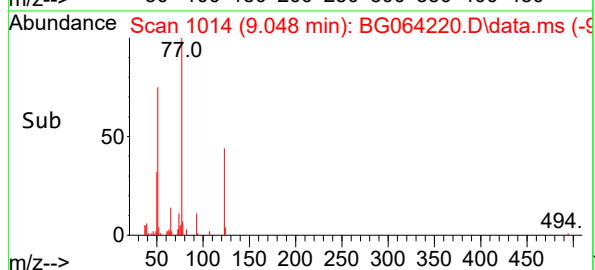
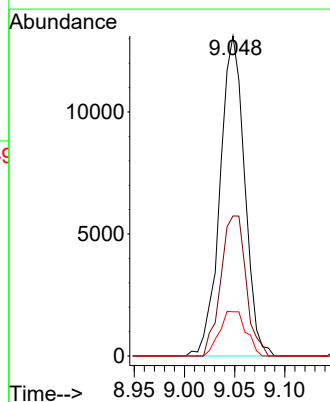
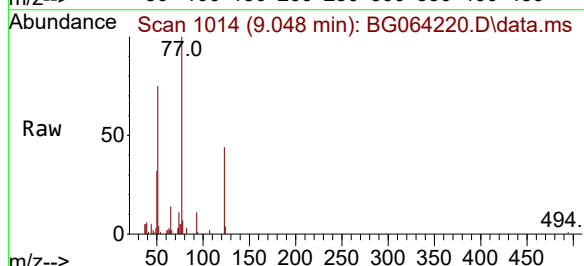
RT: 9.048 min Scan# 1014

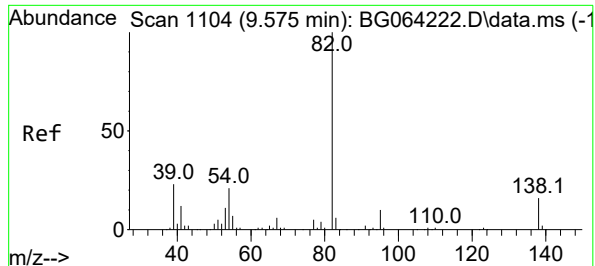
Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

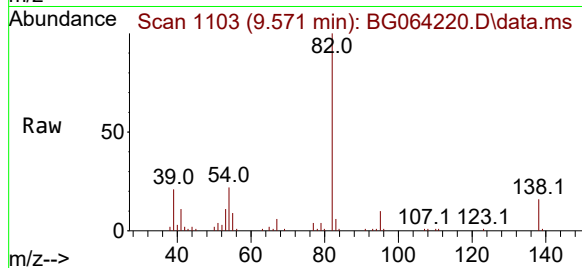
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 22299 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 123      | 43.7  | 35.2  | 52.8  |
| 65       | 13.8  | 12.6  | 19.0  |





#25  
Isophorone  
Concen: 9.695 ng  
RT: 9.571 min Scan# 1103  
Delta R.T. -0.015 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

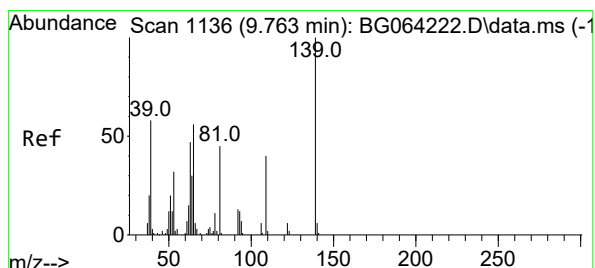
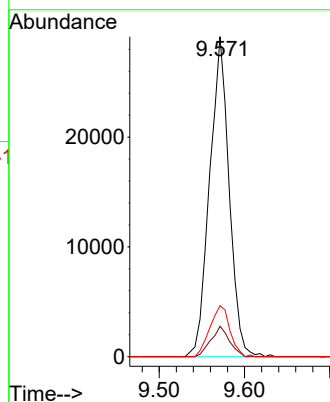
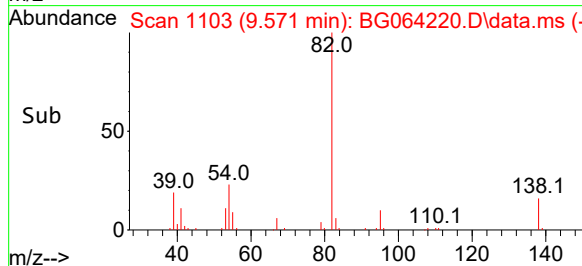
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion: 82 Resp: 4634  
Ion Ratio Lower Upper  
82 100  
95 9.5 7.9 11.9  
138 15.9 13.0 19.4

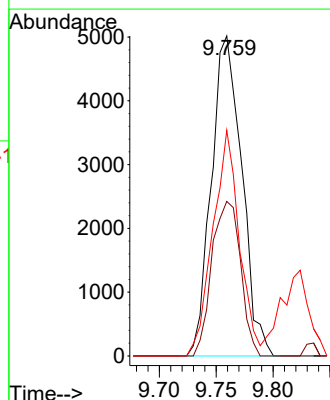
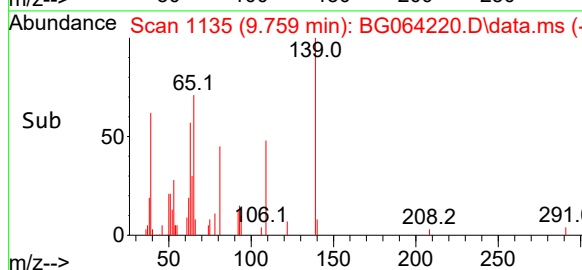
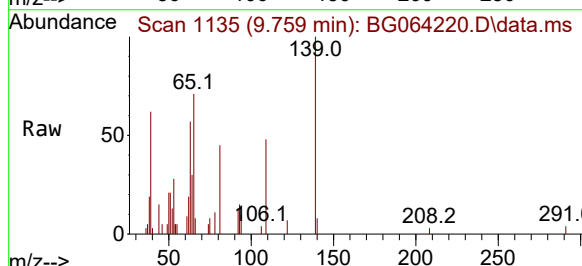
Manual Integrations  
APPROVED

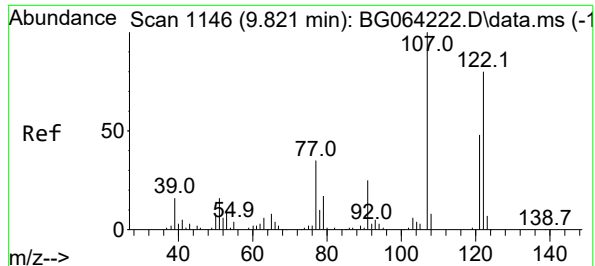
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#26  
2-Nitrophenol  
Concen: 8.988 ng  
RT: 9.759 min Scan# 1135  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:139 Resp: 9333  
Ion Ratio Lower Upper  
139 100  
109 48.3 32.4 48.6  
65 70.5 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 9.533 ng

RT: 9.818 min Scan# 1146

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

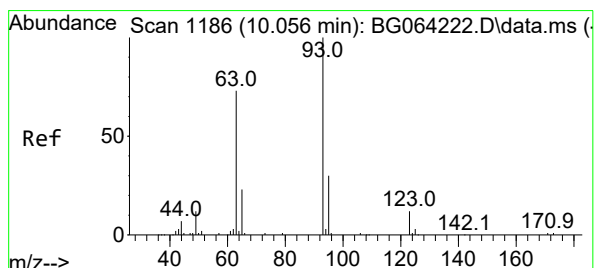
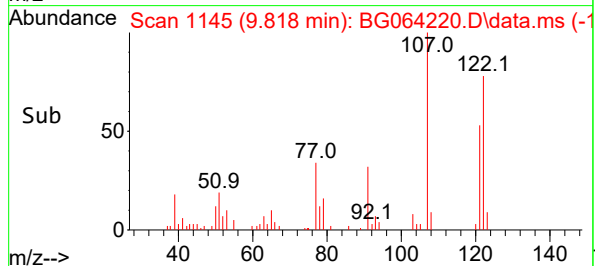
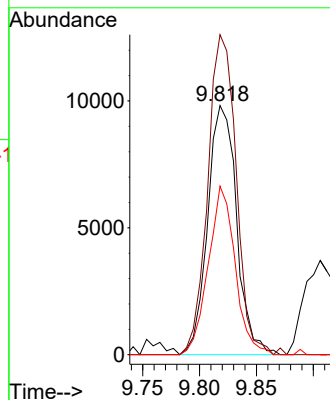
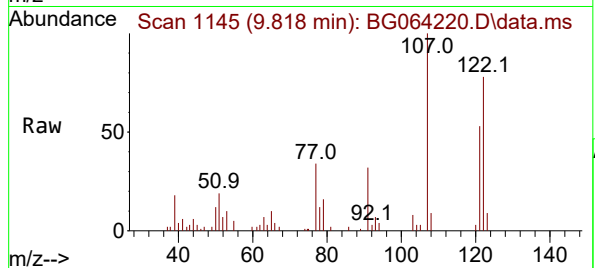
Tgt Ion:122 Resp: 17379  
Ion Ratio Lower Upper  
122 100  
107 128.4 99.9 149.9  
121 67.7 48.6 72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.975 ng

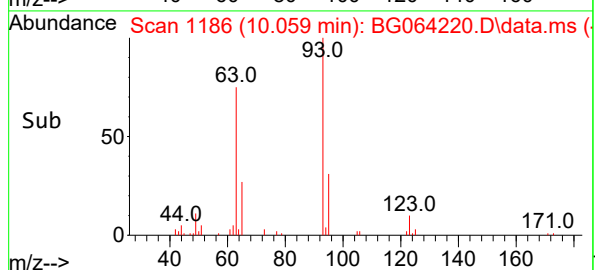
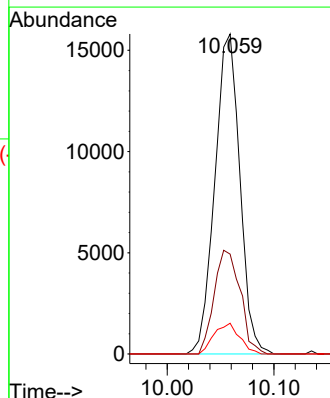
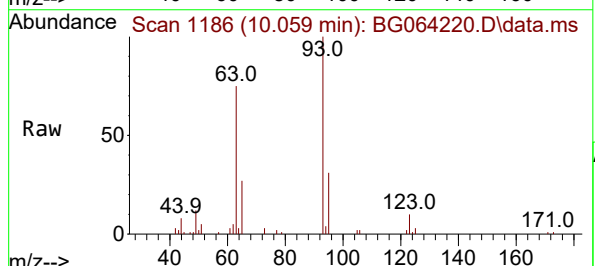
RT: 10.059 min Scan# 1186

Delta R.T. -0.004 min

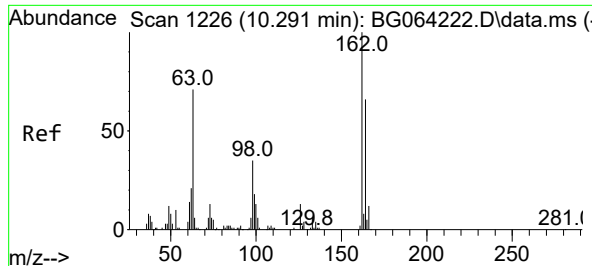
Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion: 93 Resp: 25711  
Ion Ratio Lower Upper  
93 100  
95 31.2 23.9 35.9  
123 9.6 9.6 14.4#







#29

2,4-Dichlorophenol

Concen: 9.278 ng

RT: 10.288 min Scan# 1225

Delta R.T. -0.009 min

Lab File: BG064220.D

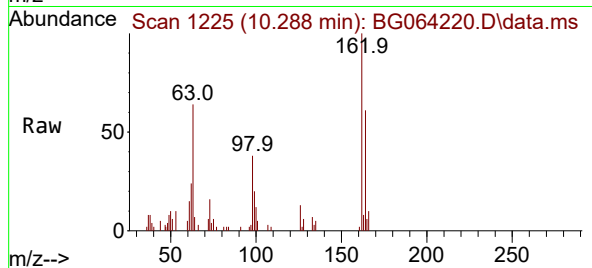
Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 1784

Ion Ratio Lower Upper

162 100

164 61.3 45.8 85.8

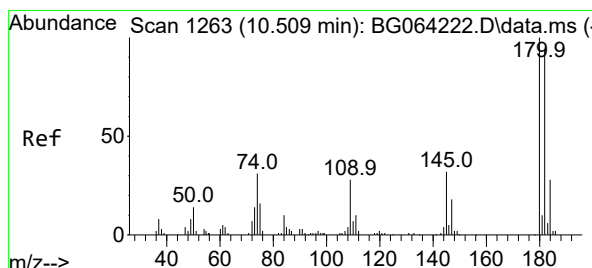
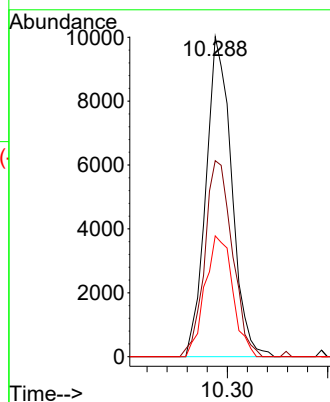
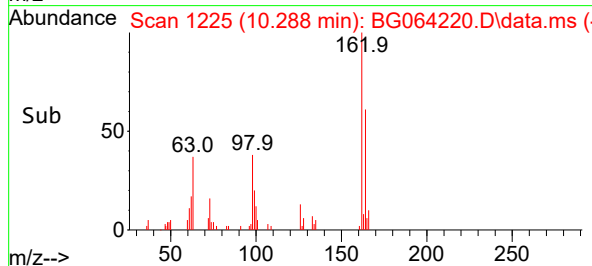
98 37.8 15.2 55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.646 ng

RT: 10.505 min Scan# 1262

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

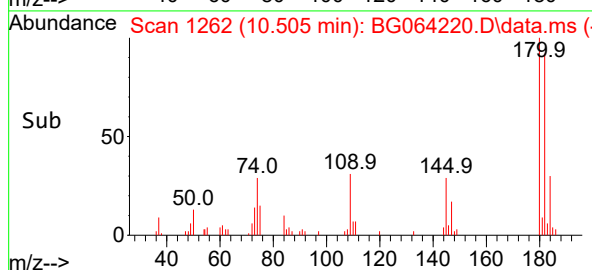
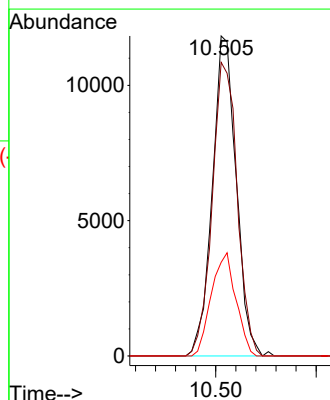
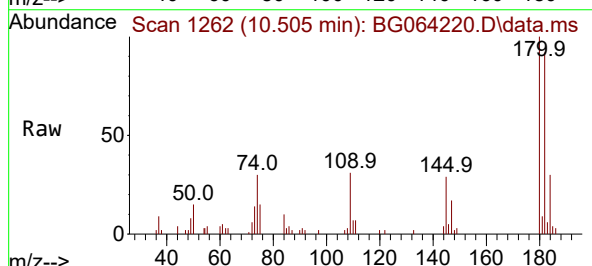
Tgt Ion:180 Resp: 19563

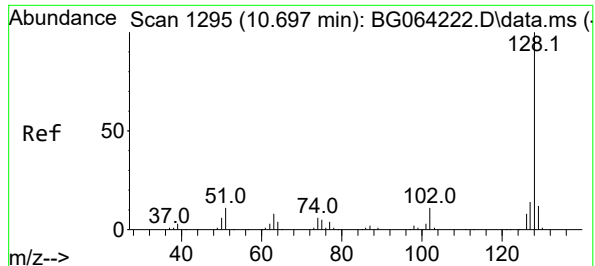
Ion Ratio Lower Upper

180 100

182 91.8 75.0 112.6

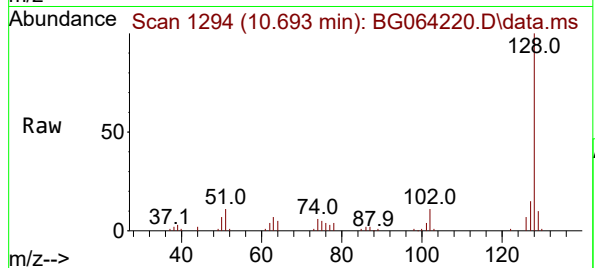
145 29.2 25.4 38.0





#31  
Naphthalene  
Concen: 9.758 ng  
RT: 10.693 min Scan# 1160  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

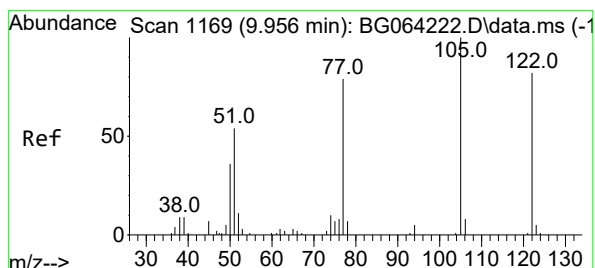
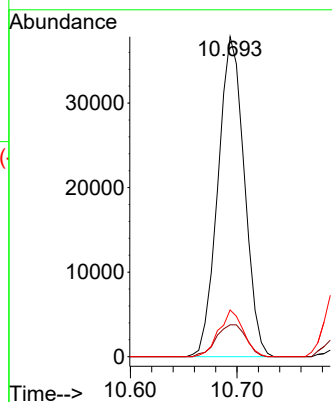
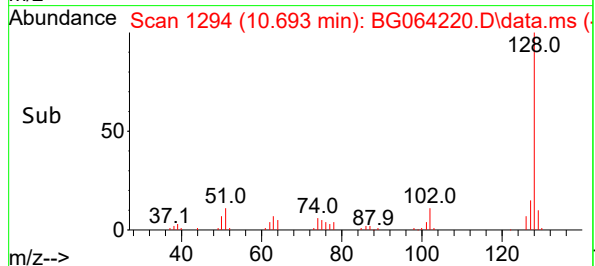
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:128 Resp: 64900  
Ion Ratio Lower Upper  
128 100  
129 10.0 9.4 14.2  
127 14.6 10.9 16.3

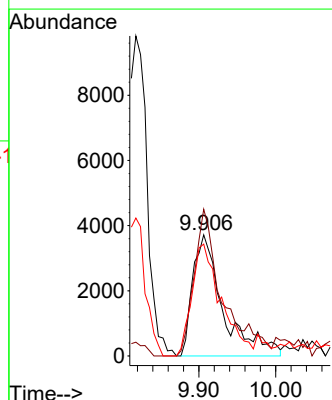
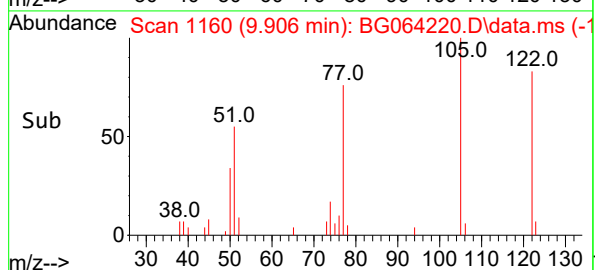
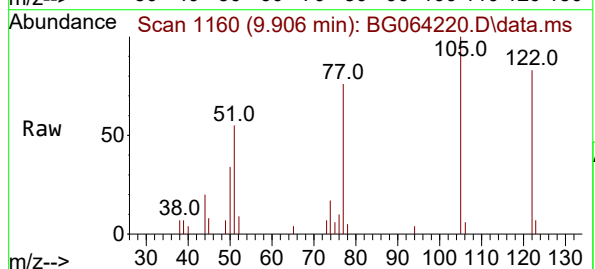
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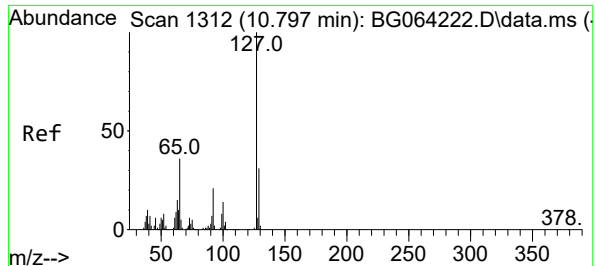
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#32  
Benzoic acid  
Concen: 7.064 ng m  
RT: 9.906 min Scan# 1160  
Delta R.T. -0.109 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

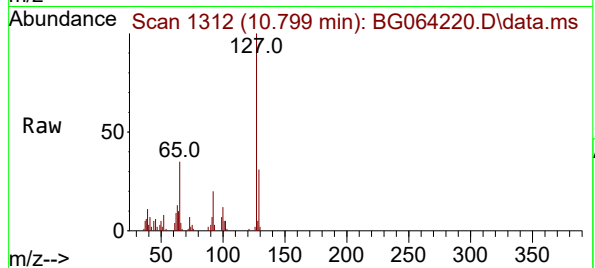
Tgt Ion:122 Resp: 10223  
Ion Ratio Lower Upper  
122 100  
105 121.2 98.5 138.5  
77 92.4 74.6 114.6





#33  
4-Chloroaniline  
Concen: 9.420 ng  
RT: 10.799 min Scan# 1312  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

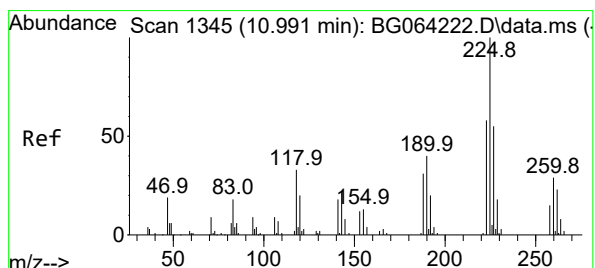
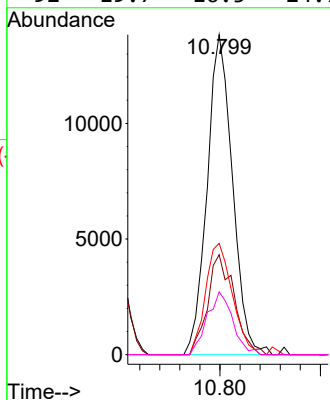
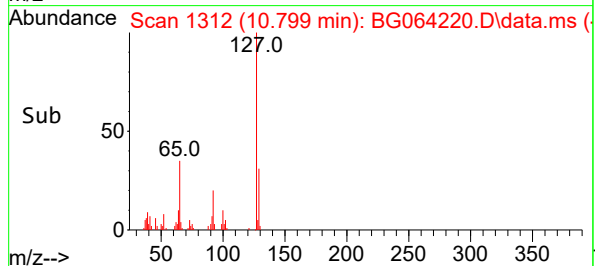
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



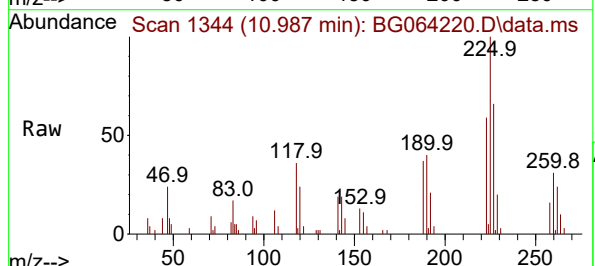
Tgt Ion:127 Resp: 2428  
Ion Ratio Lower Upper  
127 100  
129 31.3 25.0 37.4  
65 34.8 28.7 43.1  
92 19.7 16.5 24.7

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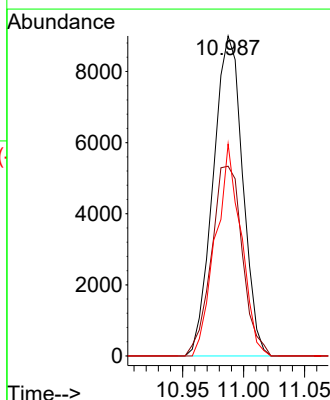
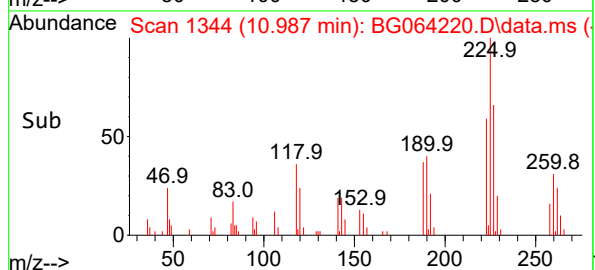
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

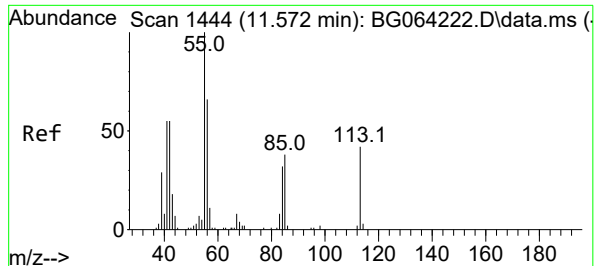


#34  
Hexachlorobutadiene  
Concen: 10.107 ng  
RT: 10.987 min Scan# 1344  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12



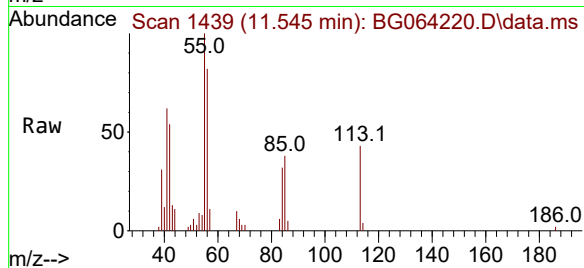
Tgt Ion:225 Resp: 15152  
Ion Ratio Lower Upper  
225 100  
223 59.3 46.5 69.7  
227 66.2 44.1 66.1#





#35  
Caprolactam  
Concen: 9.330 ng  
RT: 11.545 min Scan# 1444  
Delta R.T. -0.056 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

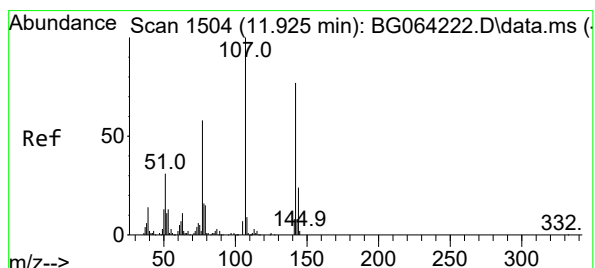
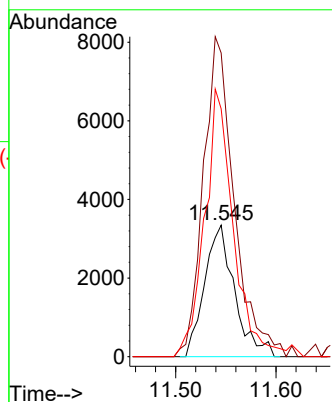
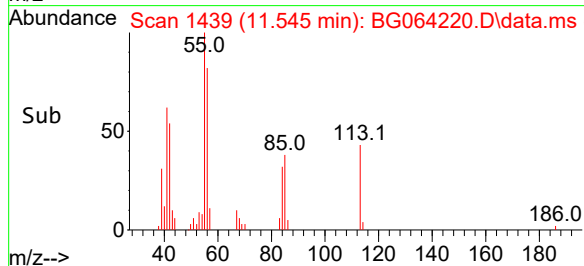
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:113 Resp: 6949  
Ion Ratio Lower Upper  
113 100  
55 230.9 218.5 258.5  
56 188.4 138.5 178.5

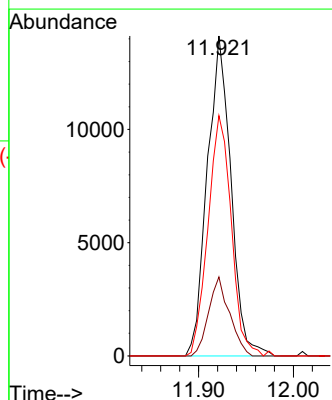
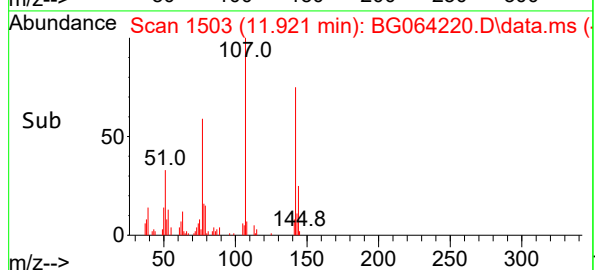
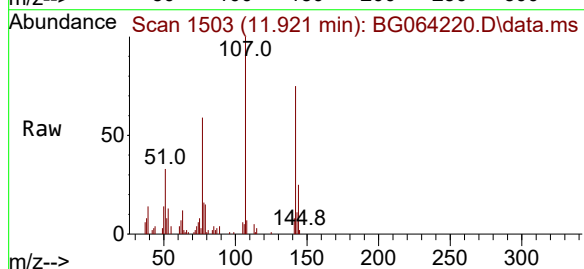
Manual Integrations  
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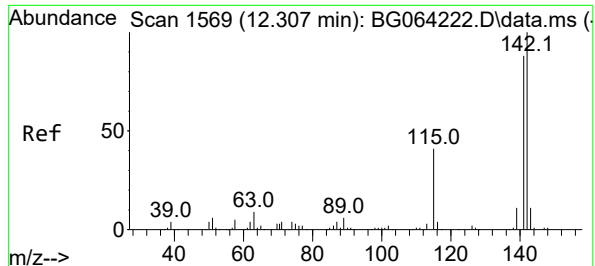
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#36  
4-Chloro-3-methylphenol  
Concen: 9.807 ng  
RT: 11.921 min Scan# 1503  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

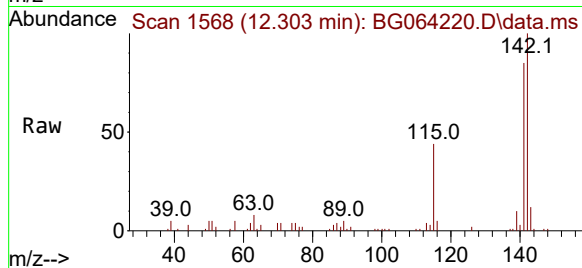
Tgt Ion:107 Resp: 24476  
Ion Ratio Lower Upper  
107 100  
144 24.7 19.5 29.3  
142 75.1 62.0 93.0





#37  
2-Methylnaphthalene  
Concen: 9.698 ng  
RT: 12.303 min Scan# 1568  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

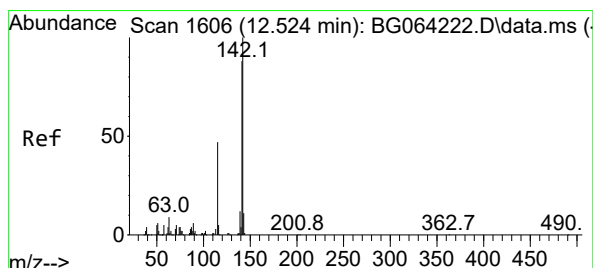
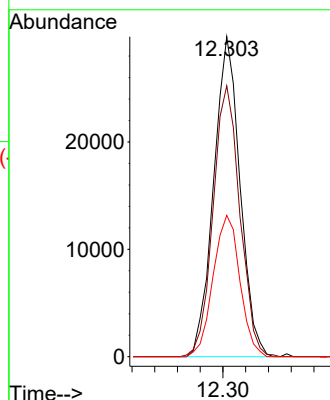
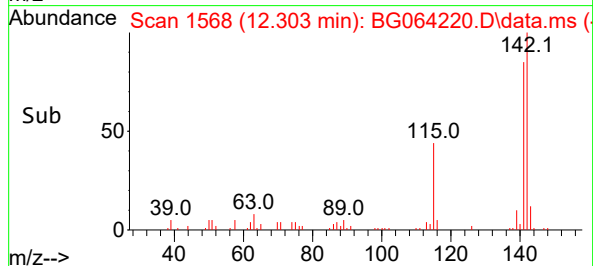
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:142 Resp: 4794  
Ion Ratio Lower Upper  
142 100  
141 84.7 70.1 105.1  
115 44.1 33.1 49.7

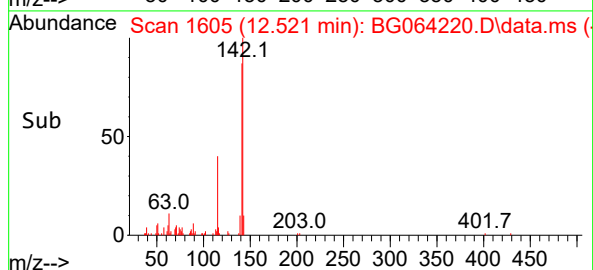
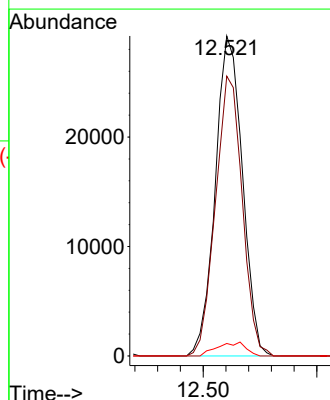
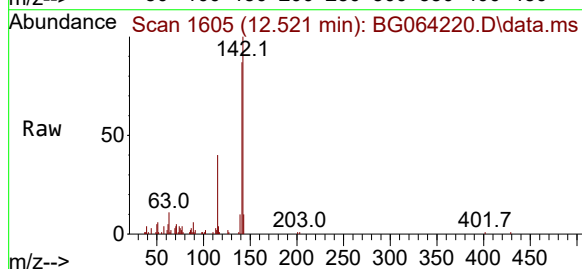
Manual Integrations  
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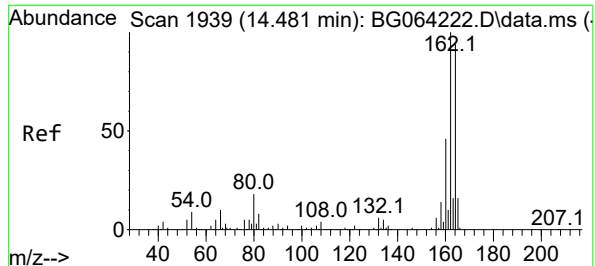
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#38  
1-Methylnaphthalene  
Concen: 9.914 ng  
RT: 12.521 min Scan# 1605  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:142 Resp: 48414  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.3 105.5  
116 3.9 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064220.D

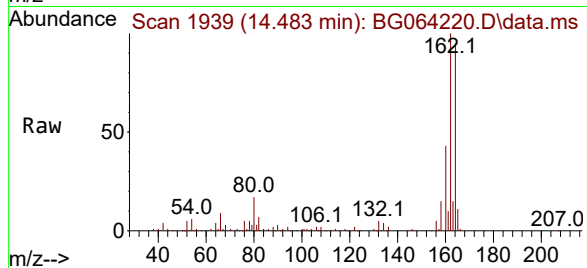
Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 9417

Ion Ratio Lower Upper

164 100

162 105.0 85.4 128.0

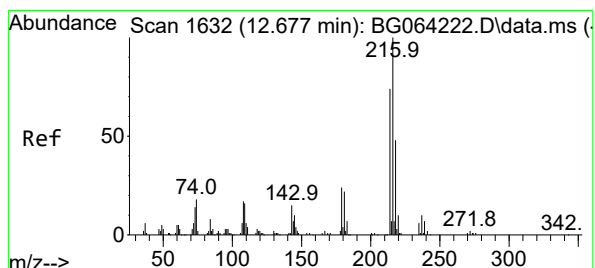
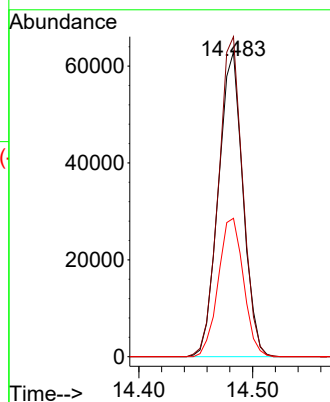
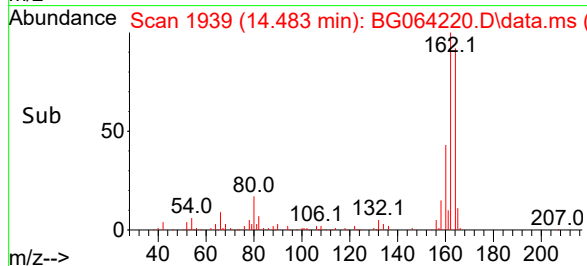
160 45.4 39.2 58.8

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.643 ng

RT: 12.673 min Scan# 1631

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Tgt Ion:216 Resp: 26203

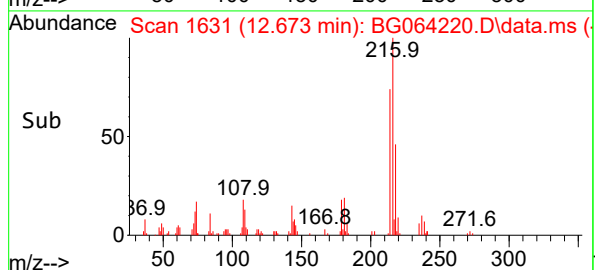
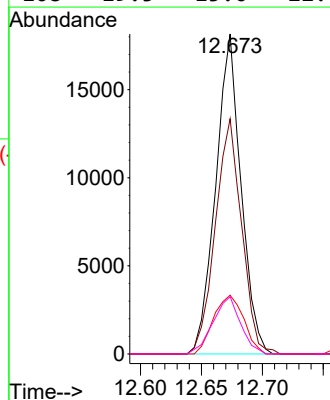
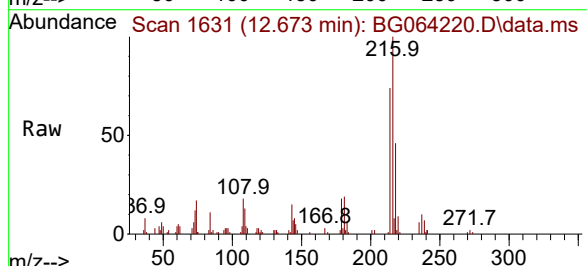
Ion Ratio Lower Upper

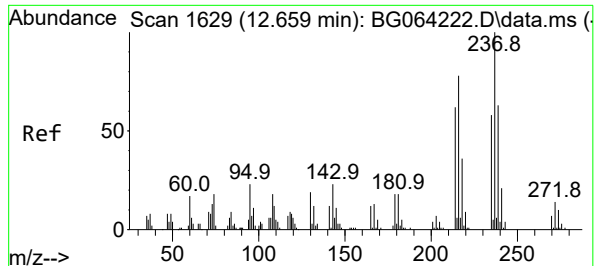
216 100

214 76.3 61.9 92.9

179 21.9 17.9 26.9

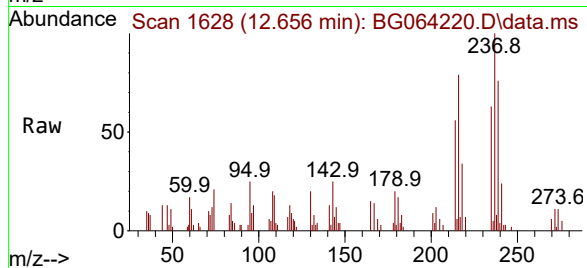
108 19.5 15.0 22.4





#41  
Hexachlorocyclopentadiene  
Concen: 8.052 ng  
RT: 12.656 min Scan# 1628  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

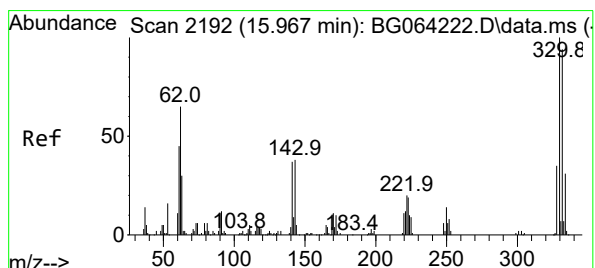
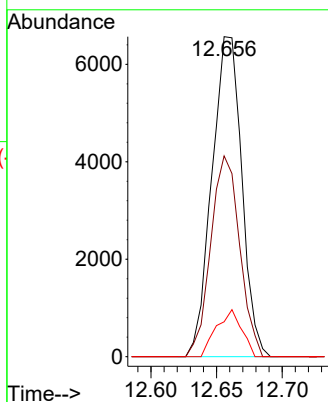
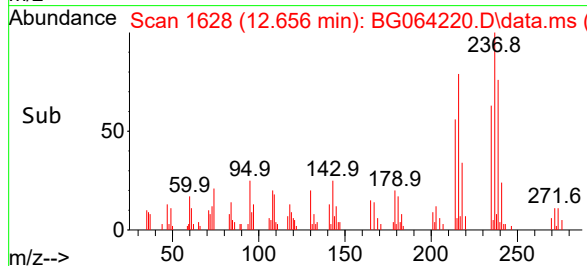
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



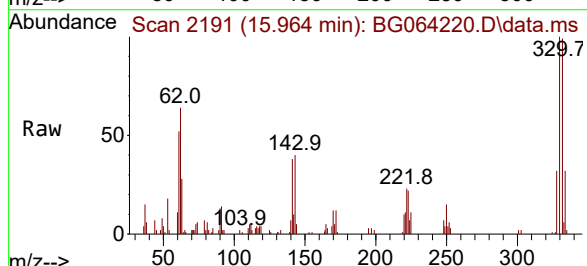
Tgt Ion: 237 Resp: 10398  
Ion Ratio Lower Upper  
237 100  
235 62.7 37.9 77.9  
272 10.9 0.0 33.8

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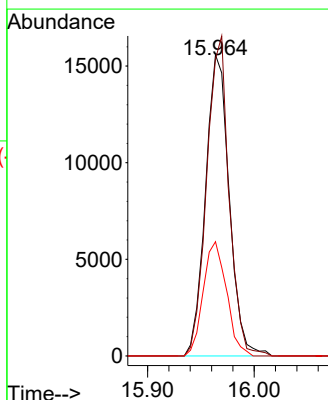
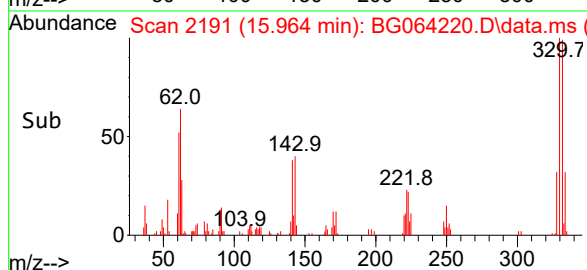
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

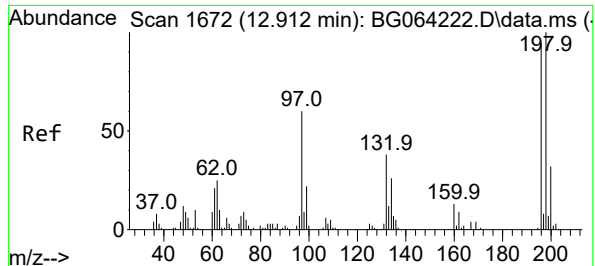


#42  
2,4,6-Tribromophenol  
Concen: 19.328 ng  
RT: 15.964 min Scan# 2191  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12



Tgt Ion: 330 Resp: 24110  
Ion Ratio Lower Upper  
330 100  
332 99.9 77.6 116.4  
141 37.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 9.391 ng

RT: 12.914 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064220.D

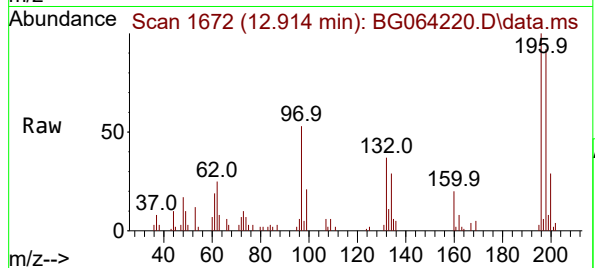
Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 1705

Ion Ratio Lower Upper

196 100

198 92.4 85.4 128.2

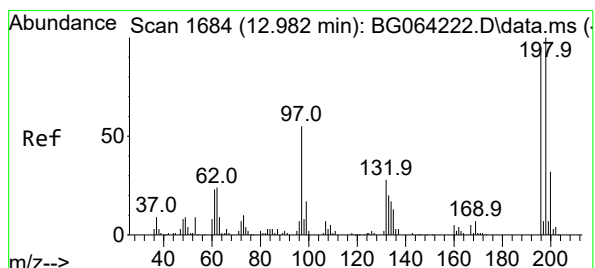
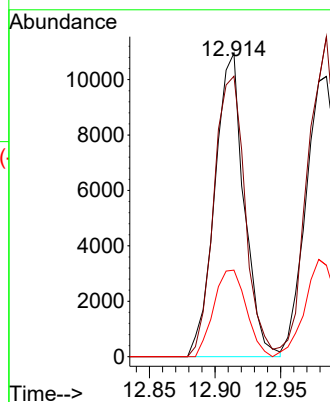
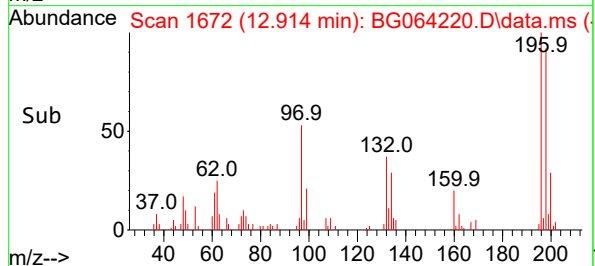
200 28.5 27.3 40.9

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Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

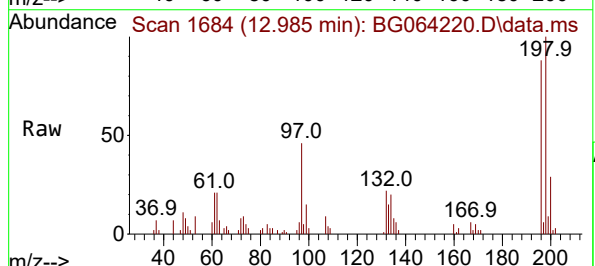
Concen: 9.236 ng

RT: 12.985 min Scan# 1684

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12



Tgt Ion:196 Resp: 18196

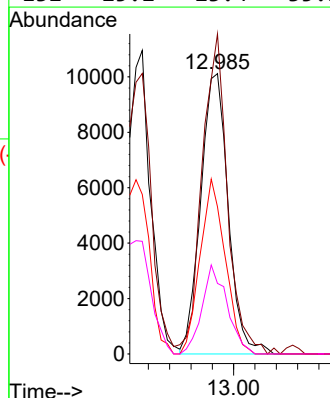
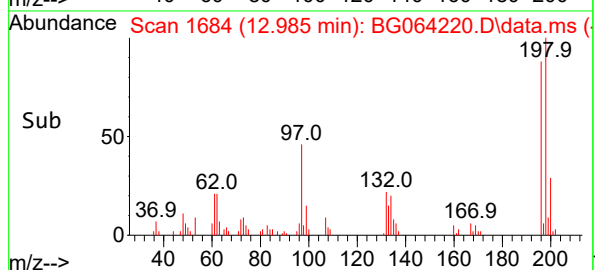
Ion Ratio Lower Upper

196 100

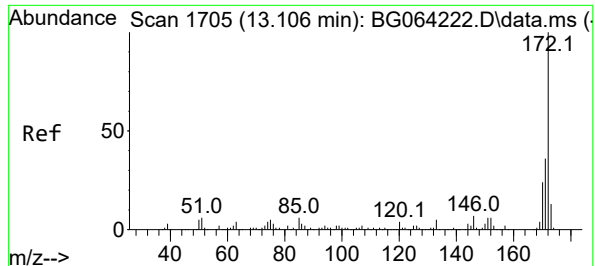
198 114.2 84.5 126.7

97 52.5 46.8 70.2

132 25.2 23.4 35.2







#45

2-Fluorobiphenyl

Concen: 19.623 ng

RT: 13.102 min Scan# 1704

Delta R.T. -0.009 min

Lab File: BG064220.D

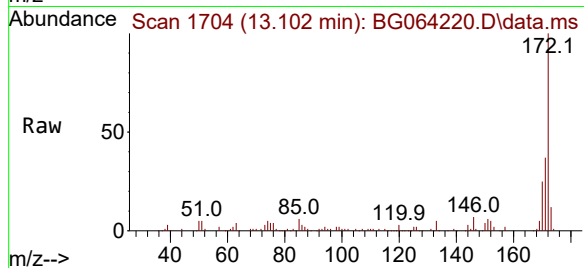
Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



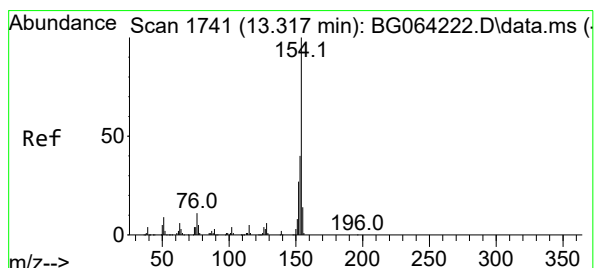
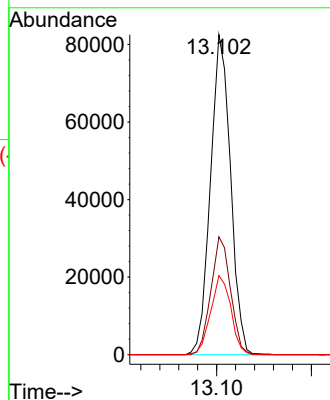
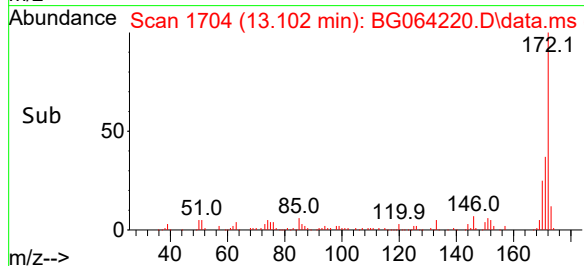
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 12107     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 36.9  | 28.7 43.1 |
| 170         | 24.7  | 19.0 28.6 |

## Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

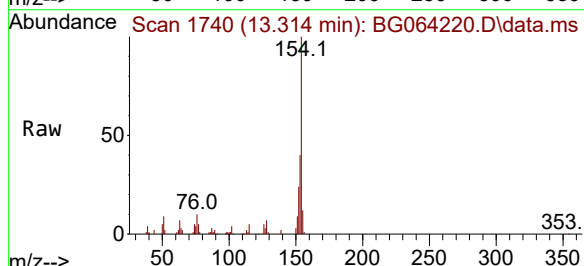
Concen: 9.691 ng

RT: 13.314 min Scan# 1740

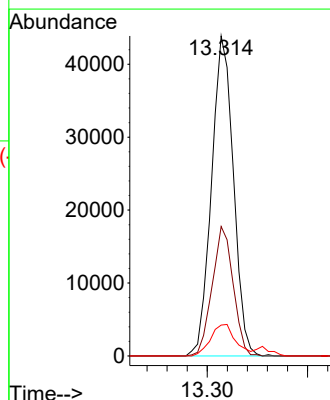
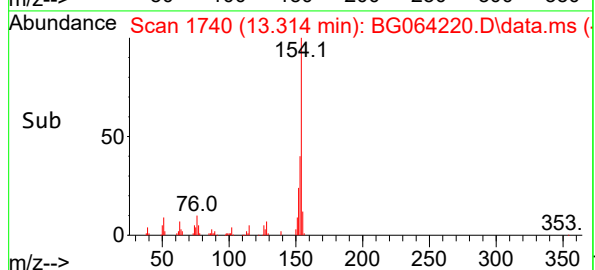
Delta R.T. -0.004 min

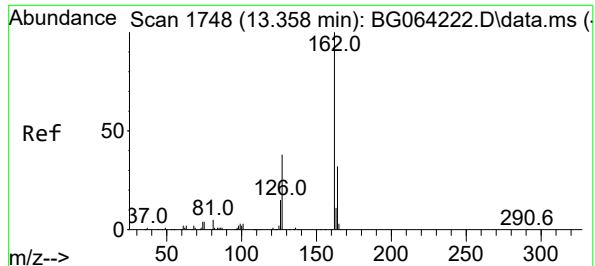
Lab File: BG064220.D

Acq: 28 Aug 2025 12:12



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:154 | Resp: | 66470     |
| Ion Ratio   | Lower | Upper     |
| 154         | 100   |           |
| 153         | 40.5  | 19.9 59.9 |
| 76          | 9.6   | 0.0 30.9  |





#47

2-Chloronaphthalene

Concen: 9.671 ng

RT: 13.355 min Scan# 1748

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 49869

Ion Ratio Lower Upper

162 100

127 45.0 33.9 50.9

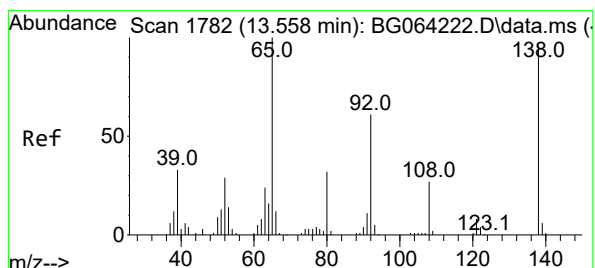
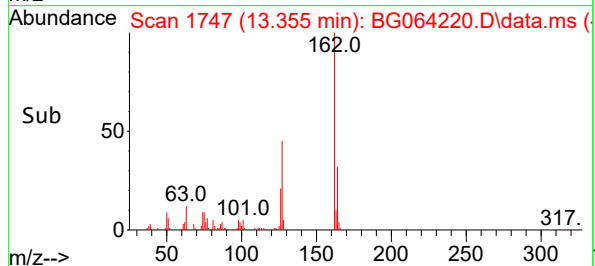
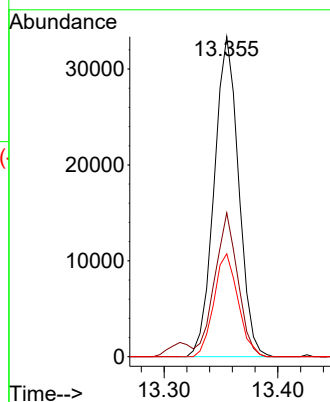
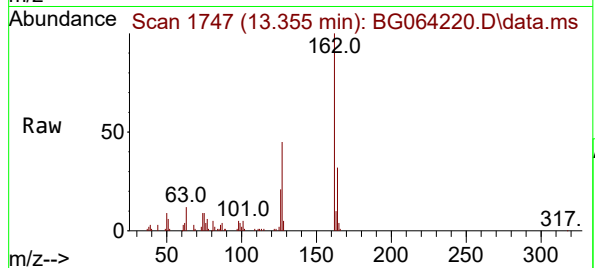
164 32.2 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 8.811 ng

RT: 13.555 min Scan# 1781

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

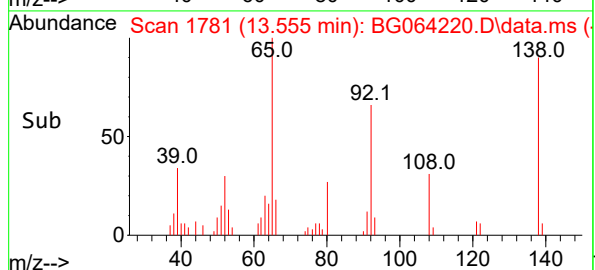
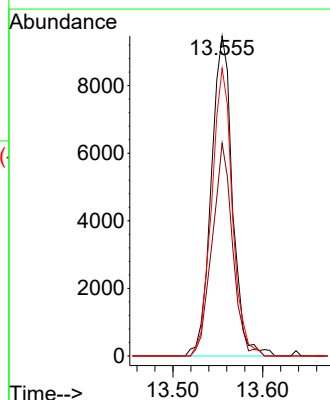
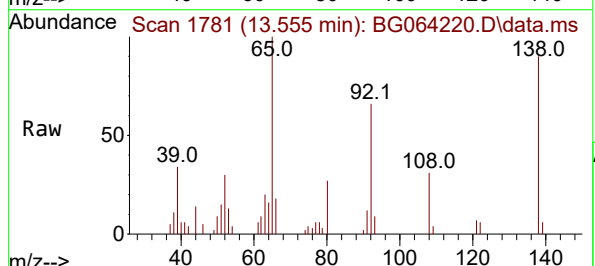
Tgt Ion: 65 Resp: 15487

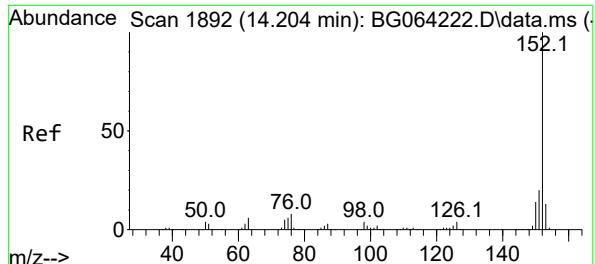
Ion Ratio Lower Upper

65 100

92 66.5 49.2 73.8

138 89.9 76.8 115.2





#49

Acenaphthylene

Concen: 9.437 ng

RT: 14.201 min Scan# 1891

Delta R.T. -0.004 min

Lab File: BG064220.D

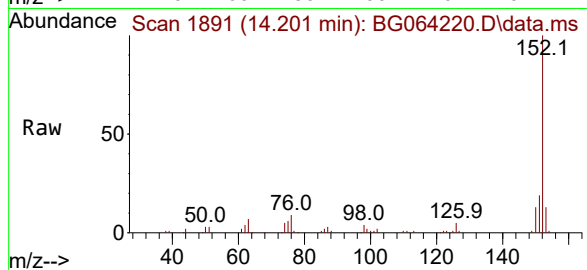
Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



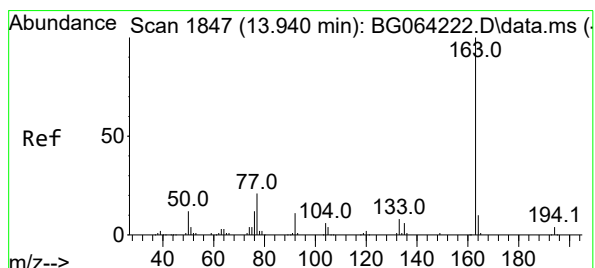
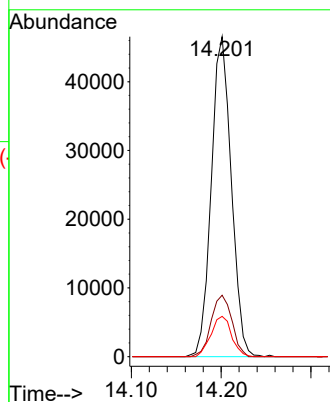
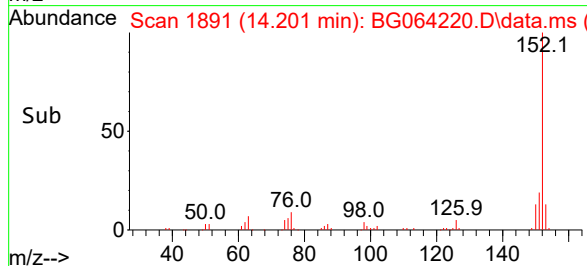
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 7193 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 19.2  | 16.2  | 24.2 |
| 153       | 12.6  | 10.1  | 15.1 |

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

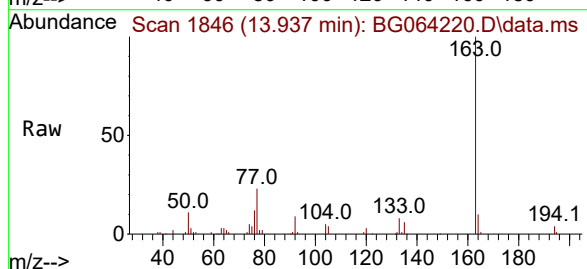
Concen: 9.749 ng

RT: 13.937 min Scan# 1846

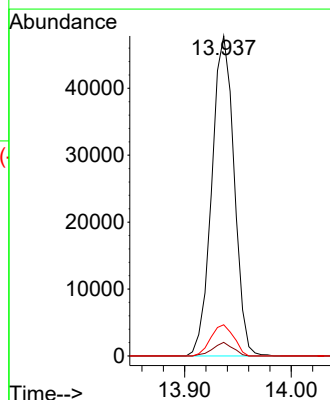
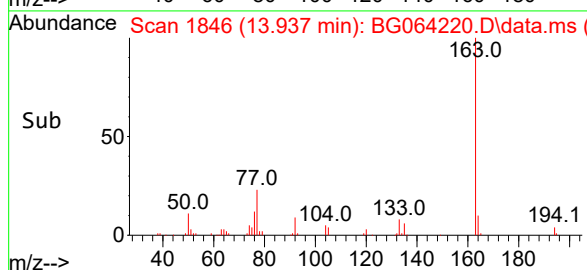
Delta R.T. -0.009 min

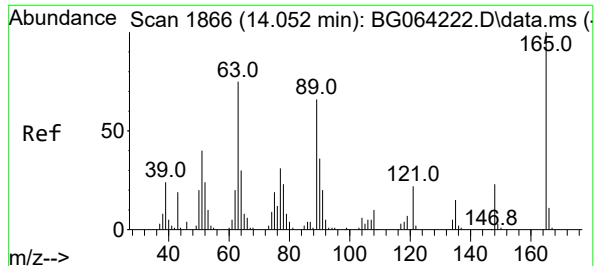
Lab File: BG064220.D

Acq: 28 Aug 2025 12:12



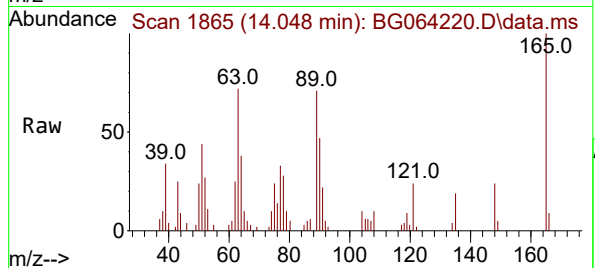
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 163   | Resp: | 69493 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 4.3   | 3.0   | 4.4   |
| 164       | 9.8   | 7.9   | 11.9  |





#51  
2,6-Dinitrotoluene  
Concen: 9.190 ng  
RT: 14.048 min Scan# 1865  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

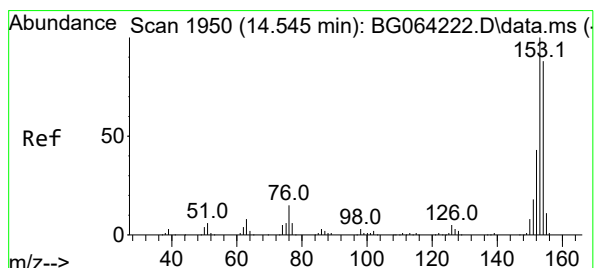
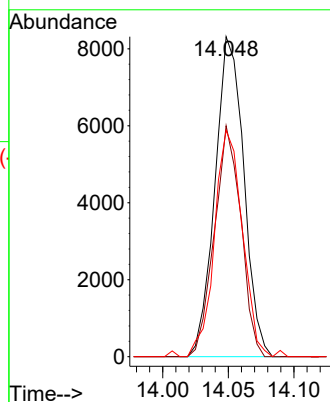
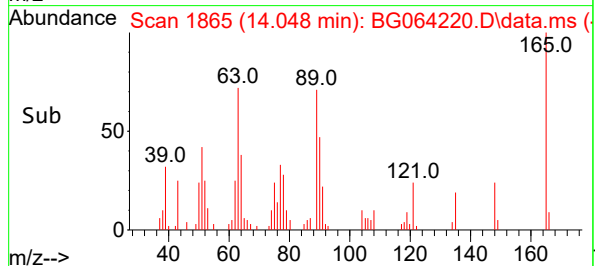
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:165 Resp: 1268  
Ion Ratio Lower Upper  
165 100  
63 72.1 60.3 90.5  
89 70.7 52.9 79.3

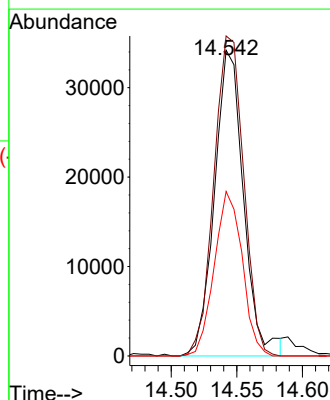
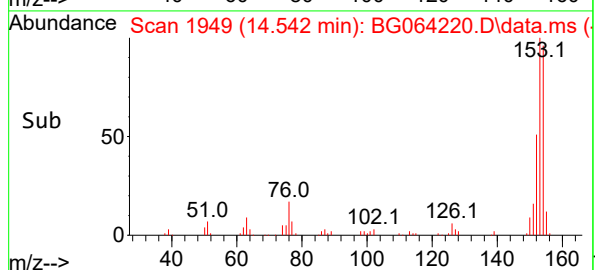
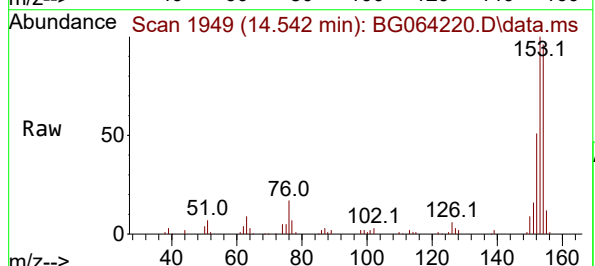
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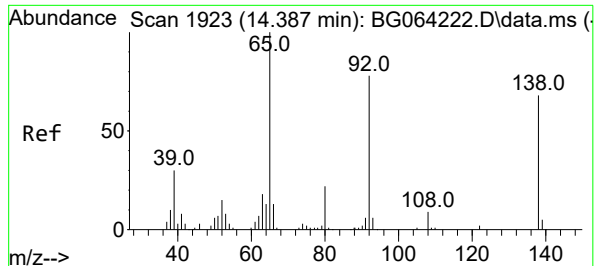
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#52  
Acenaphthene  
Concen: 9.806 ng  
RT: 14.542 min Scan# 1949  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

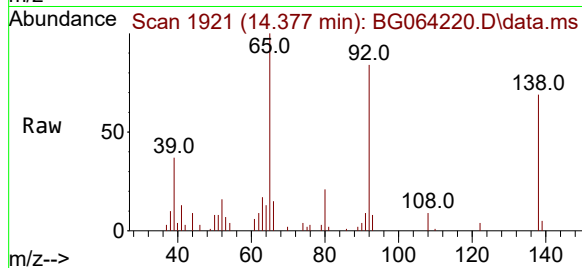
Tgt Ion:154 Resp: 52750  
Ion Ratio Lower Upper  
154 100  
153 104.7 91.1 136.7  
152 53.8 39.6 59.4





#53  
3-Nitroaniline  
Concen: 9.102 ng  
RT: 14.377 min Scan# 1921  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

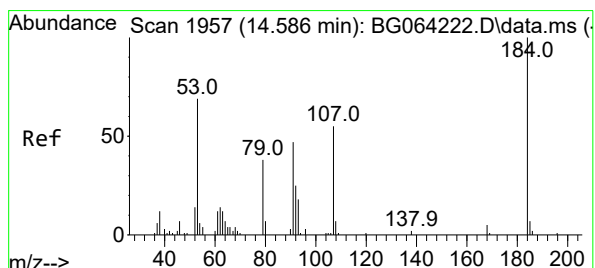
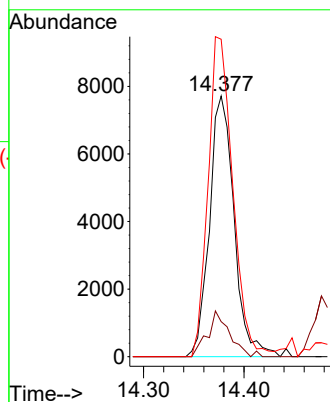
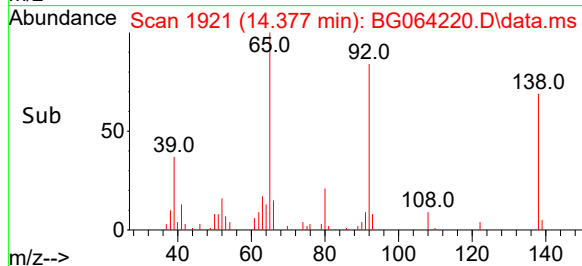
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:138 Resp: 1315  
Ion Ratio Lower Upper  
138 100  
108 13.4 11.0 16.6  
92 121.8 91.4 137.0

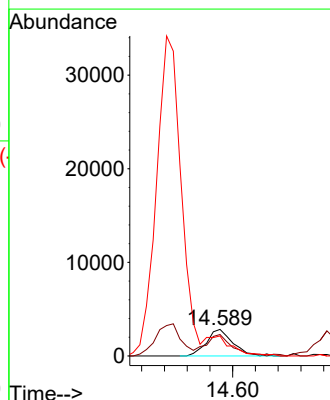
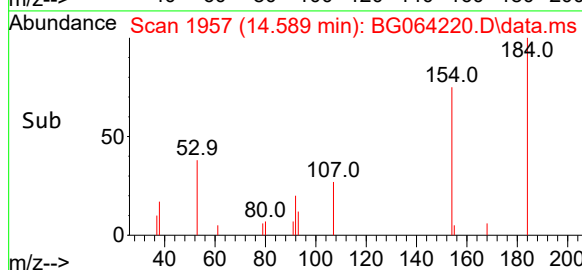
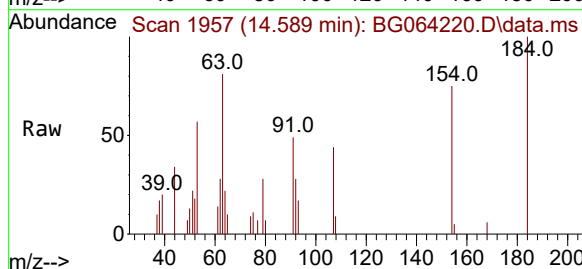
Manual Integrations  
APPROVED

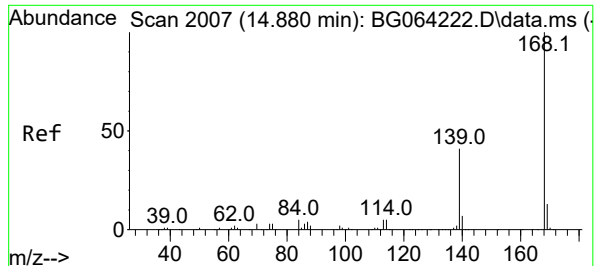
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#54  
2,4-Dinitrophenol  
Concen: 10.334 ng  
RT: 14.589 min Scan# 1957  
Delta R.T. -0.003 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:184 Resp: 4543  
Ion Ratio Lower Upper  
184 100  
63 81.0 60.1 90.1  
154 75.5 59.8 89.8





#55

Dibenzenofuran

Concen: 9.773 ng

RT: 14.877 min Scan# 2006

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 82692

Ion Ratio Lower Upper

168 100

139 39.2 33.2 49.8

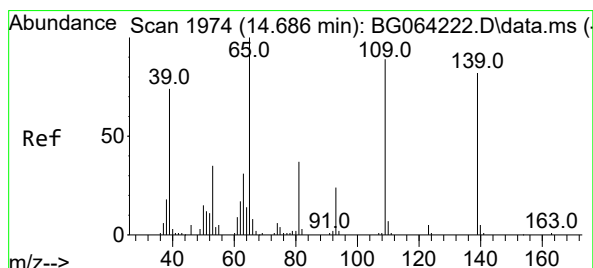
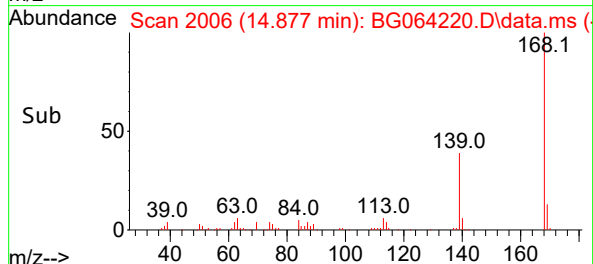
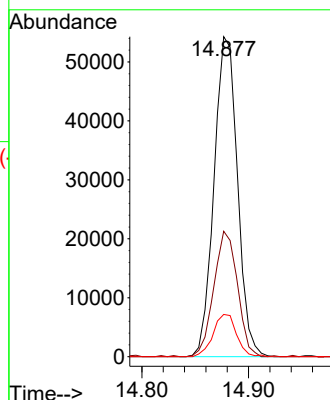
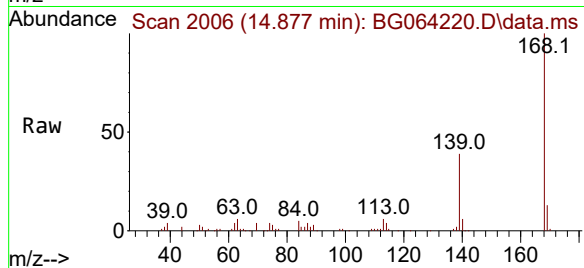
169 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#56

4-Nitrophenol

Concen: 7.889 ng

RT: 14.689 min Scan# 1974

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

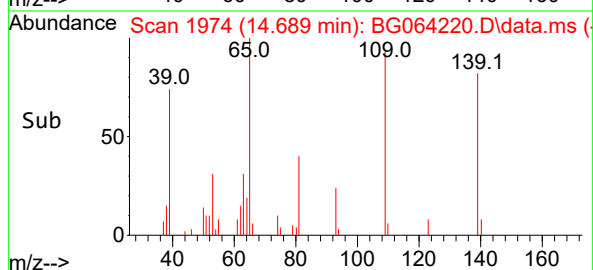
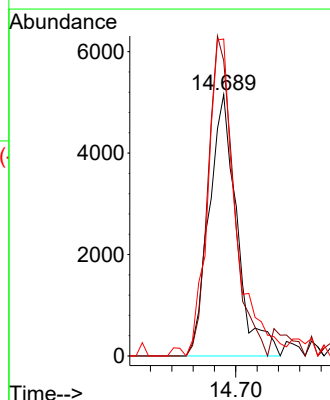
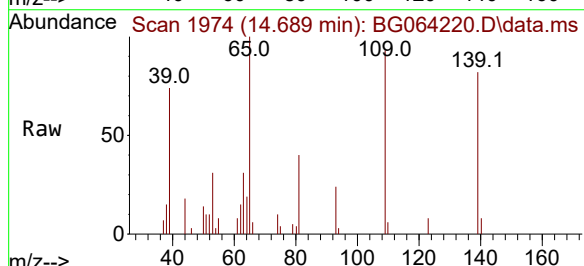
Tgt Ion:139 Resp: 9355

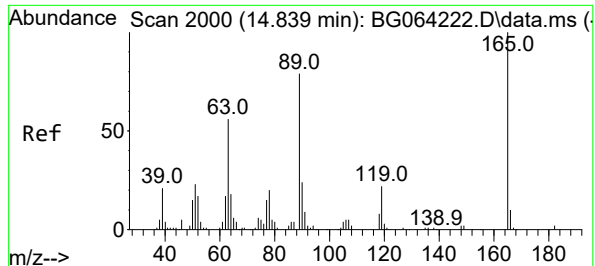
Ion Ratio Lower Upper

139 100

109 113.0 89.1 129.1

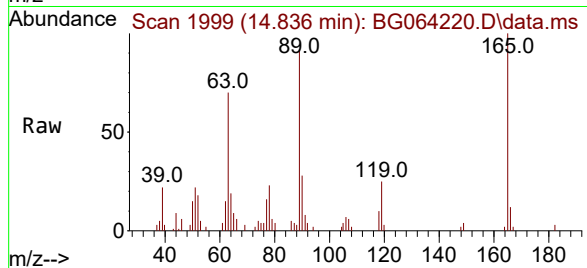
65 121.3 102.9 142.9





#57  
2,4-Dinitrotoluene  
Concen: 8.975 ng  
RT: 14.836 min Scan# 1999  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

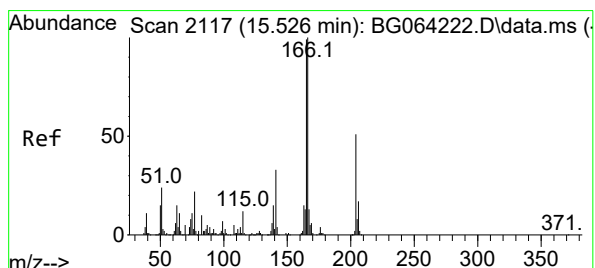
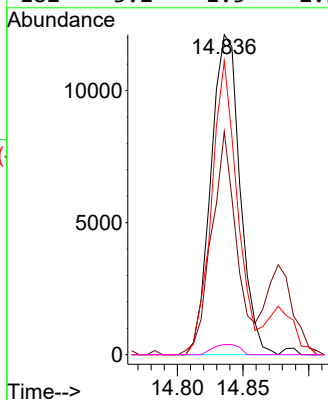
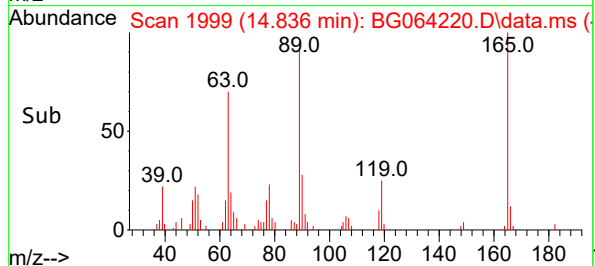
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:165 Resp: 18720  
Ion Ratio Lower Upper  
165 100  
63 69.7 44.6 67.0  
89 91.7 63.0 94.4  
182 3.2 1.5 2.3#

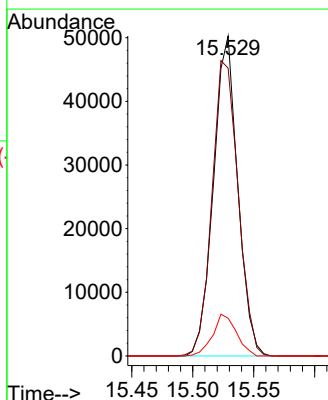
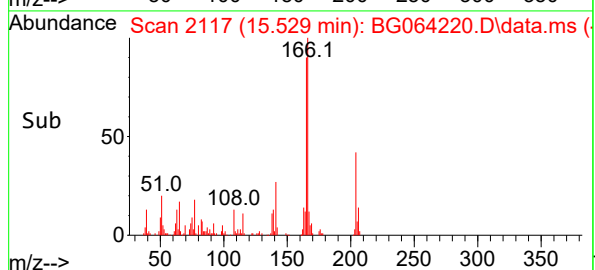
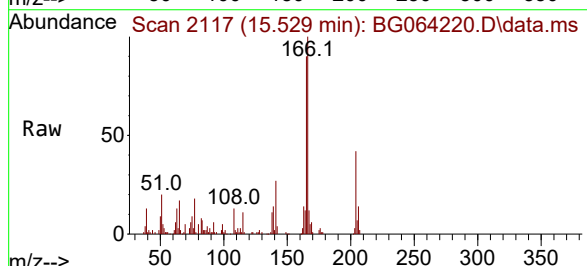
Manual Integrations  
APPROVED

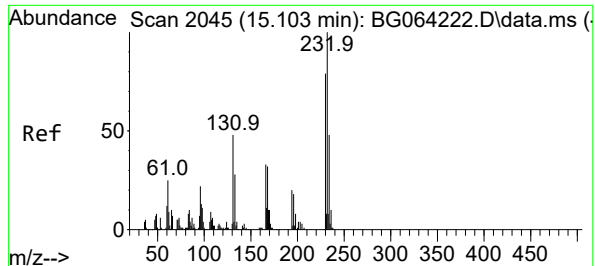
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#58  
Fluorene  
Concen: 10.035 ng  
RT: 15.529 min Scan# 2117  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:166 Resp: 69596  
Ion Ratio Lower Upper  
166 100  
165 89.9 79.1 118.7  
167 11.8 10.2 15.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.385 ng

RT: 15.106 min Scan# 2045

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 1778

Ion Ratio Lower Upper

232 100

131 45.3 37.1 55.7

130 3.2 2.6 3.8

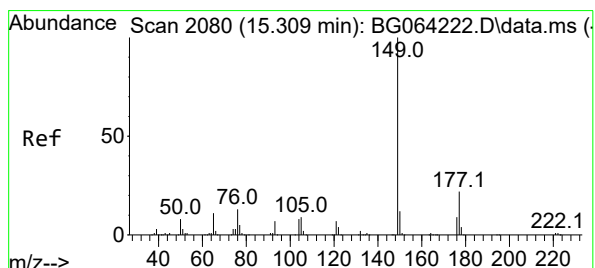
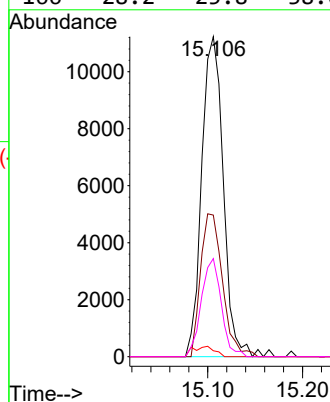
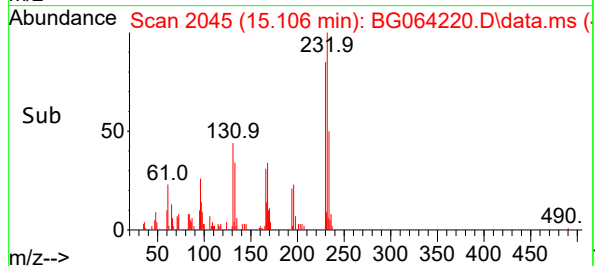
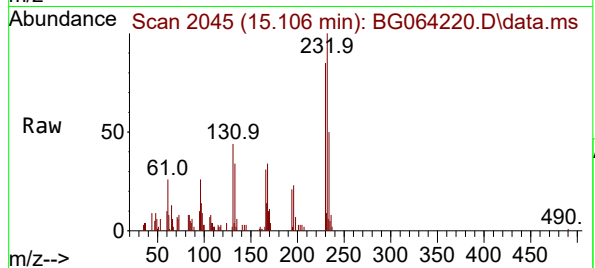
166 28.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#60

Diethylphthalate

Concen: 9.736 ng

RT: 15.300 min Scan# 2078

Delta R.T. -0.015 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

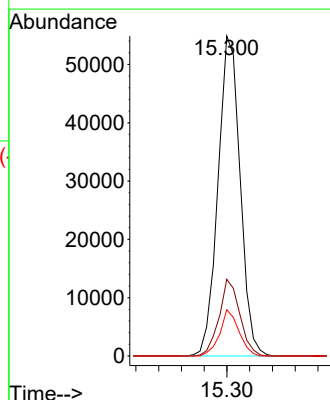
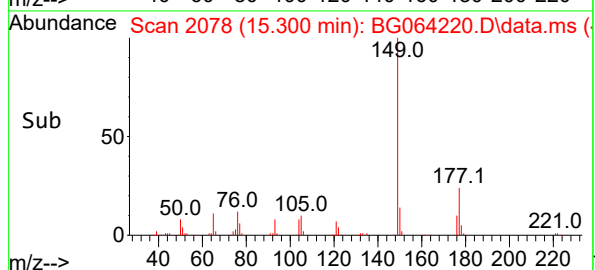
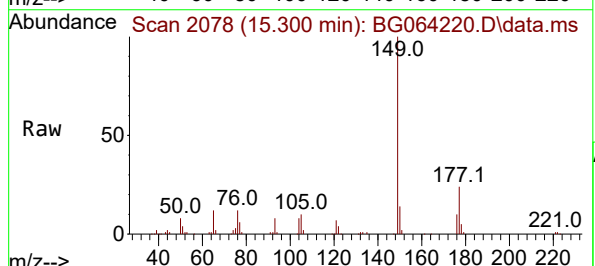
Tgt Ion:149 Resp: 74277

Ion Ratio Lower Upper

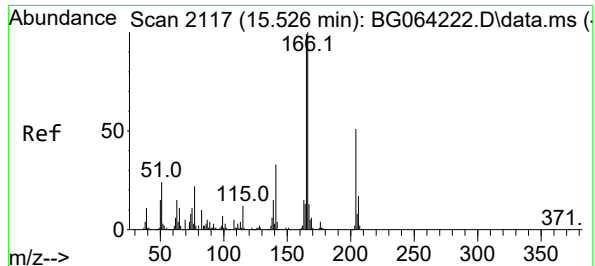
149 100

177 24.0 17.5 26.3

150 14.5 9.9 14.9

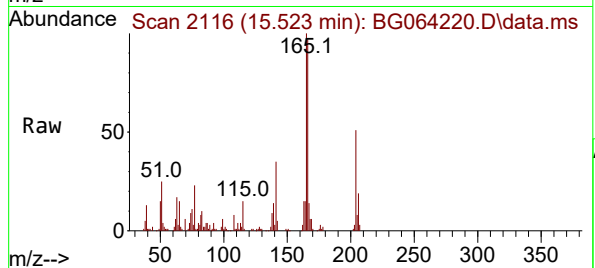






#61  
4-Chlorophenyl-phenylether  
Concen: 9.762 ng  
RT: 15.523 min Scan# 2116  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

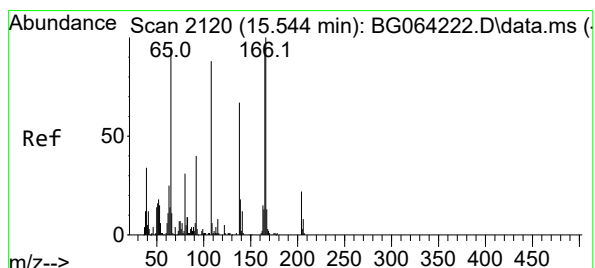
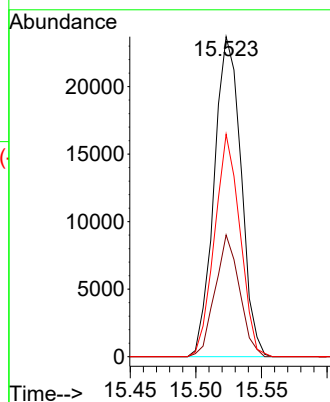
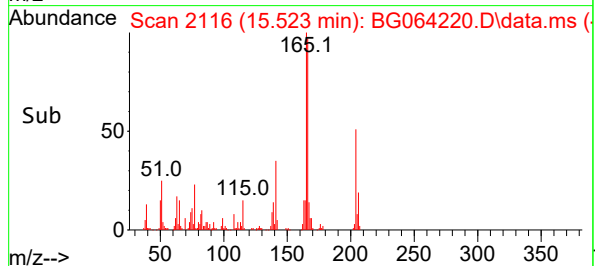
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:204 Resp: 33750  
Ion Ratio Lower Upper  
204 100  
206 38.1 26.2 39.4  
141 69.5 51.9 77.9

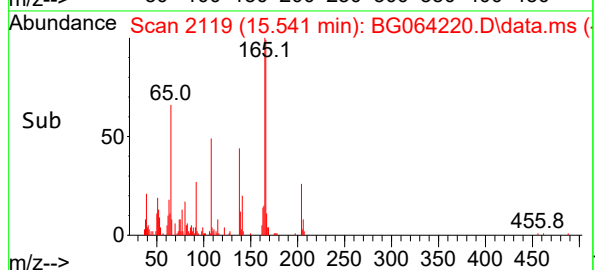
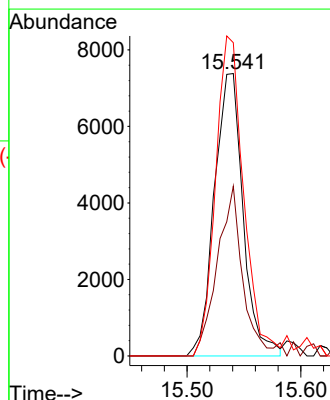
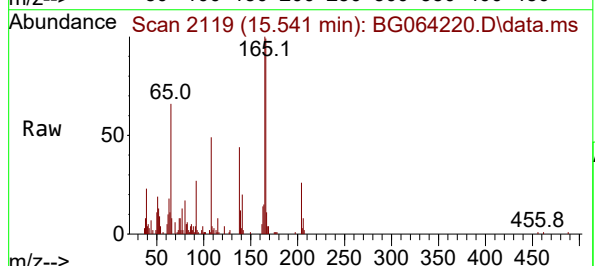
Manual Integrations  
APPROVED

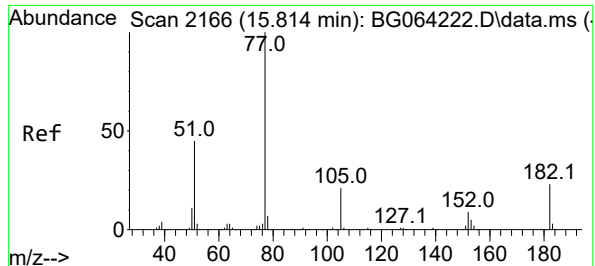
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#62  
4-Nitroaniline  
Concen: 8.788 ng  
RT: 15.541 min Scan# 2119  
Delta R.T. -0.015 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

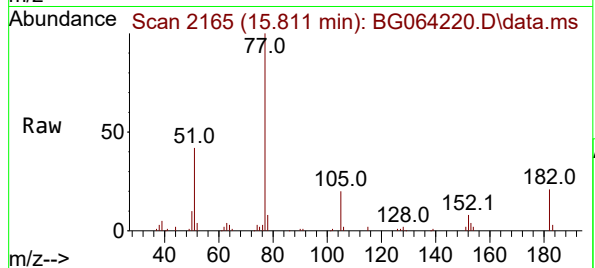
Tgt Ion:138 Resp: 12962  
Ion Ratio Lower Upper  
138 100  
92 60.1 39.1 79.1  
108 111.0 111.3 151.3#





#63  
Azobenzene  
Concen: 9.848 ng  
RT: 15.811 min Scan# 2165  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

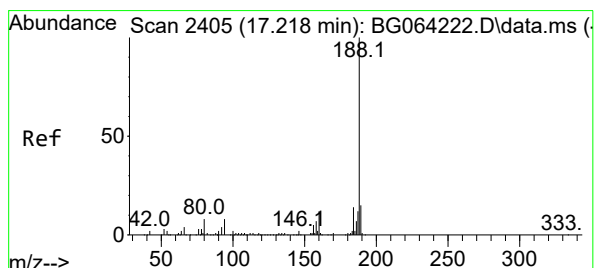
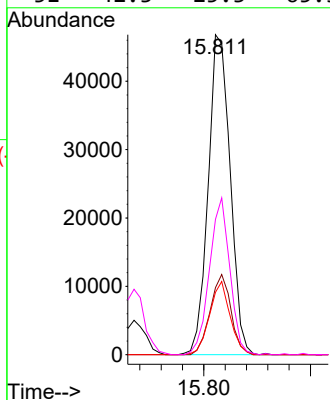
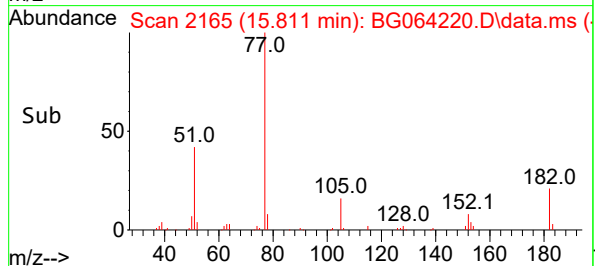
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion: 77 Resp: 6696  
Ion Ratio Lower Upper  
77 100  
182 21.0 3.3 43.3  
105 19.5 0.6 40.6  
51 42.3 25.3 65.3

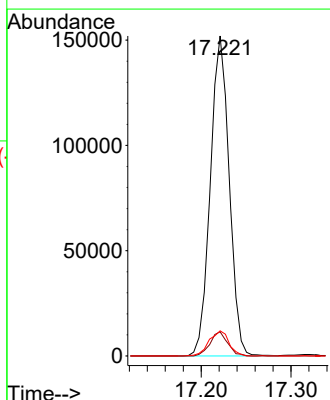
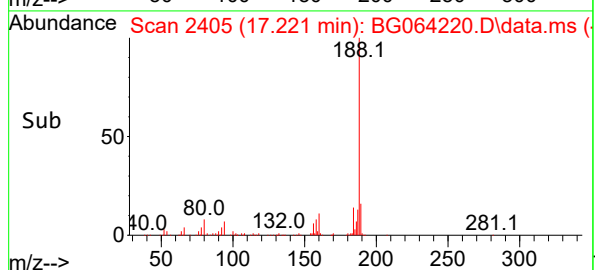
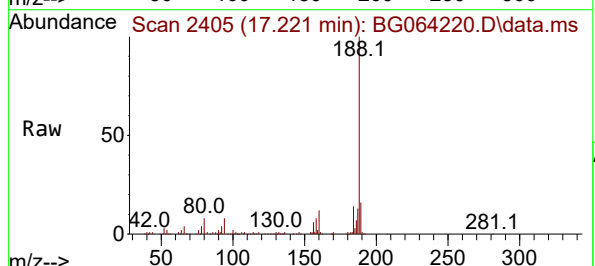
Manual Integrations  
APPROVED

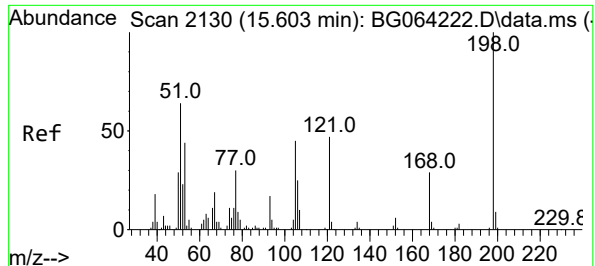
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2405  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:188 Resp: 221898  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.2 9.4  
80 7.9 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.431 ng  
RT: 15.599 min Scan# 2129  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

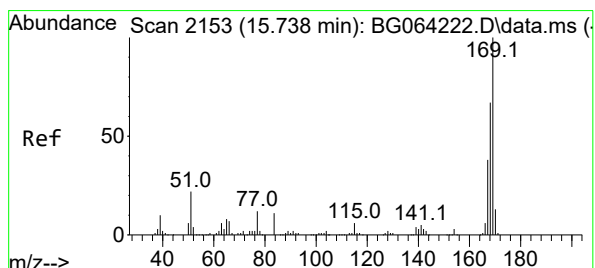
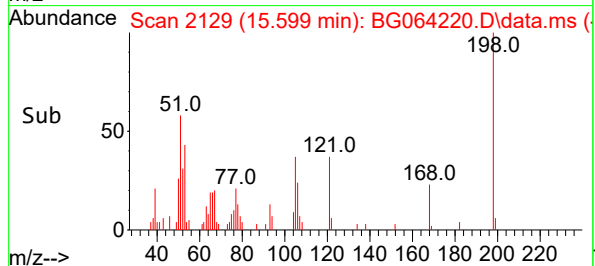
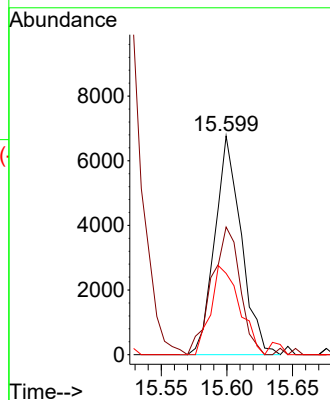
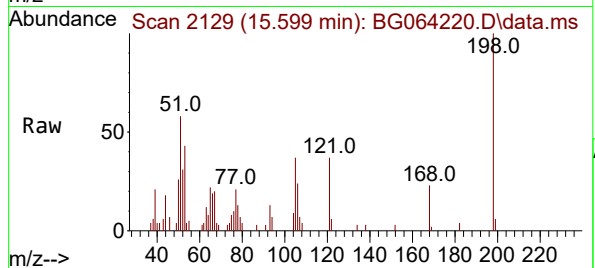
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 58.4  | 46.2  | 86.2  |
| 105     | 37.2  | 25.0  | 65.0  |

Manual Integrations

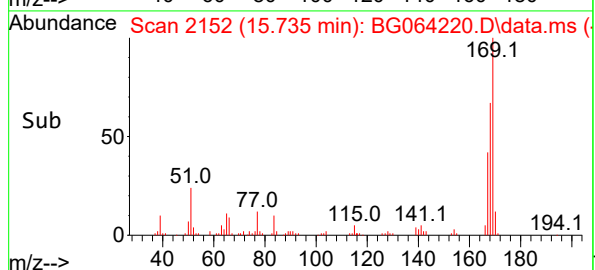
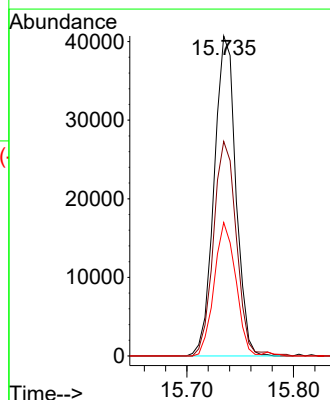
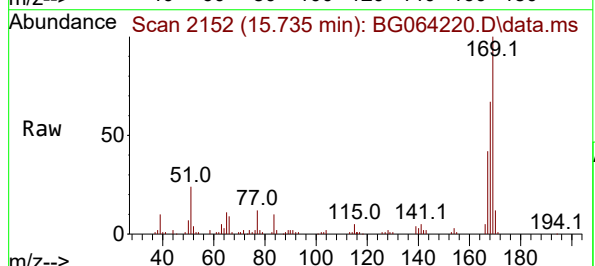
APPROVED

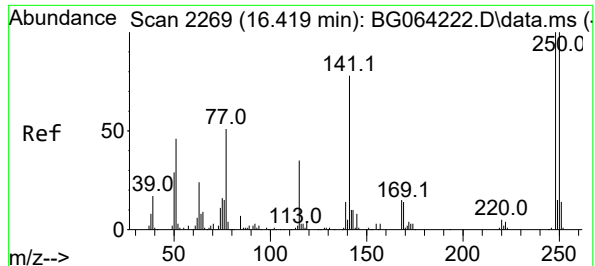
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#66  
n-Nitrosodiphenylamine  
Concen: 9.422 ng  
RT: 15.735 min Scan# 2152  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

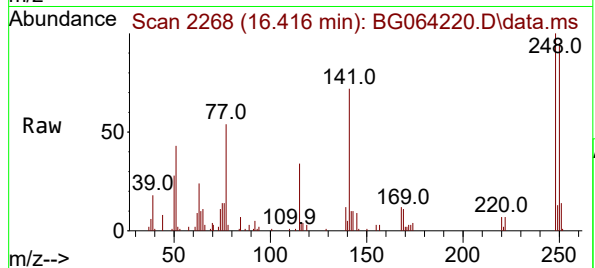
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.0  | 53.8  | 80.8  |
| 167     | 41.7  | 30.2  | 45.2  |





#67  
4-Bromophenyl-phenylether  
Concen: 10.032 ng  
RT: 16.416 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

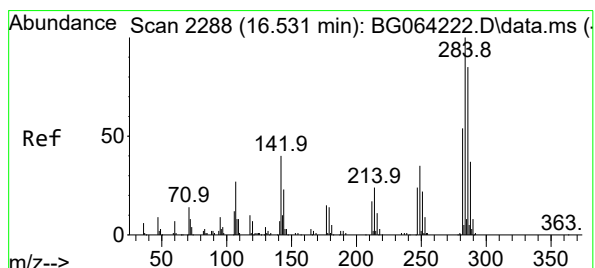
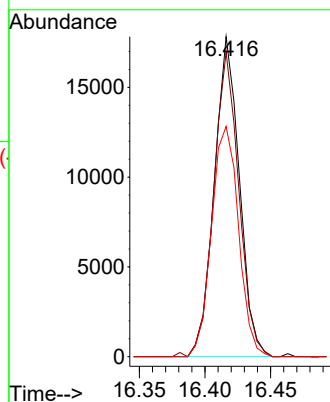
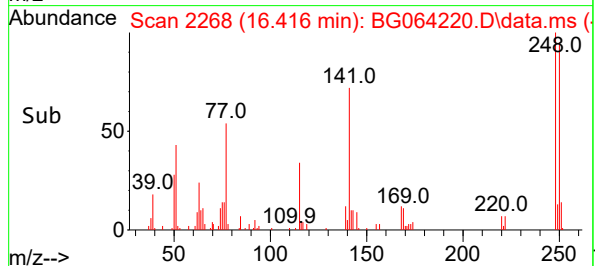
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



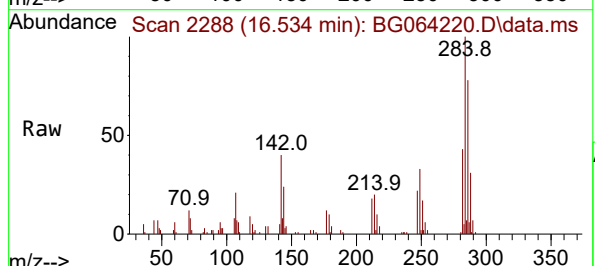
Tgt Ion:248 Resp: 2364  
Ion Ratio Lower Upper  
248 100  
250 95.2 80.2 120.4  
141 72.0 62.4 93.6

Manual Integrations  
APPROVED

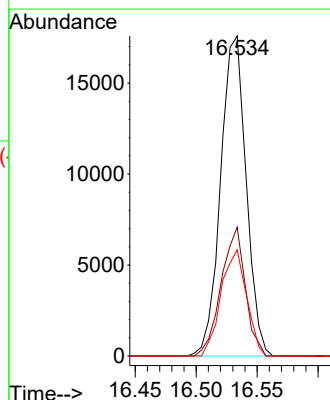
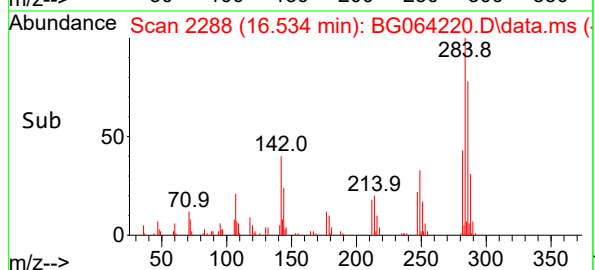
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

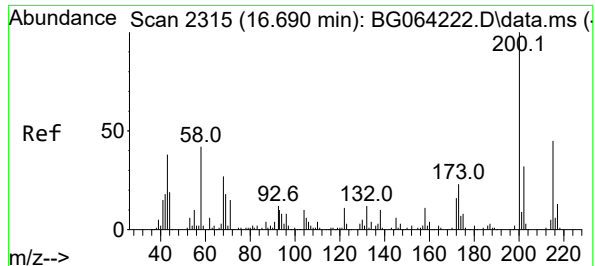


#68  
Hexachlorobenzene  
Concen: 9.815 ng  
RT: 16.534 min Scan# 2288  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12



Tgt Ion:284 Resp: 25688  
Ion Ratio Lower Upper  
284 100  
142 40.2 32.1 48.1  
249 35.2 28.3 42.5





#69

Atrazine

Concen: 9.997 ng

RT: 16.681 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 25479

Ion Ratio Lower Upper

200 100

173 24.8 3.5 43.5

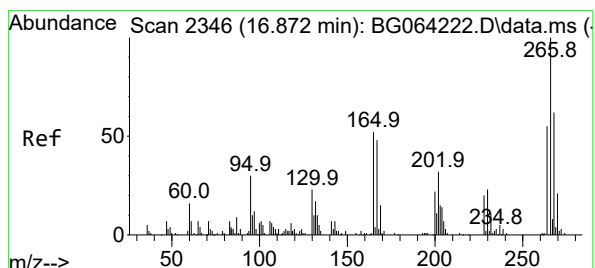
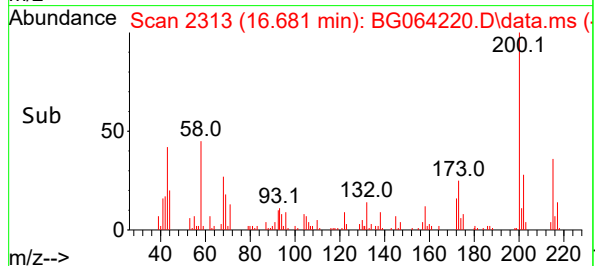
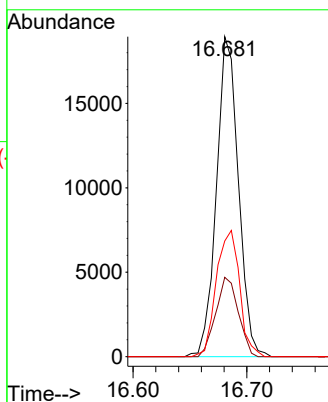
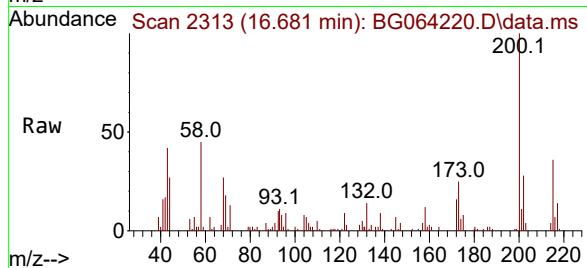
215 36.1 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 7.693 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

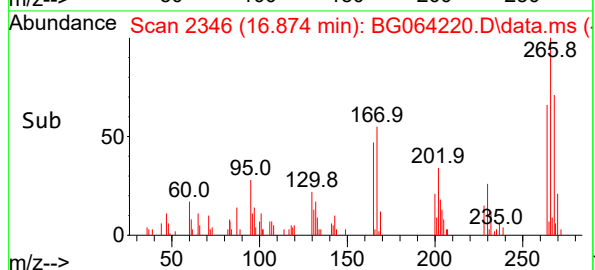
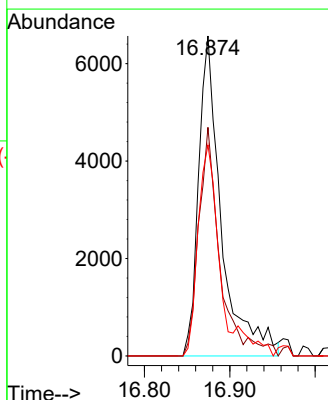
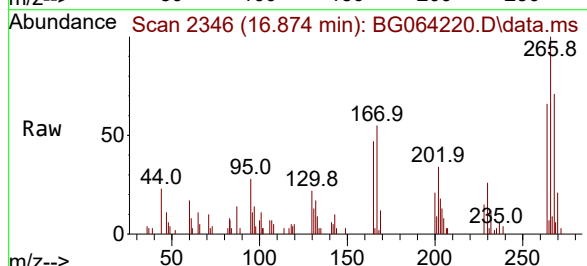
Tgt Ion:266 Resp: 12208

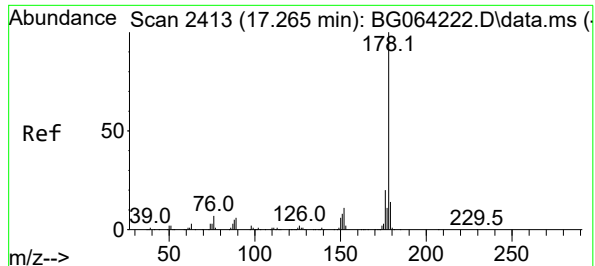
Ion Ratio Lower Upper

266 100

268 77.1 49.4 74.0#

264 65.9 44.3 66.5





#71

Phenanthrene

Concen: 9.780 ng

RT: 17.262 min Scan# 2413

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:178 Resp: 114450

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

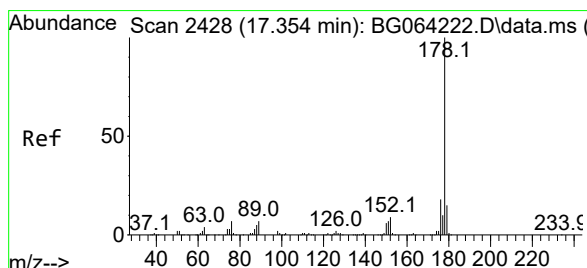
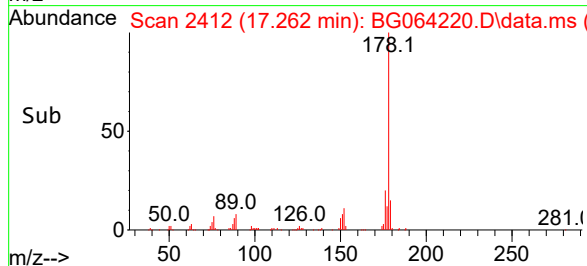
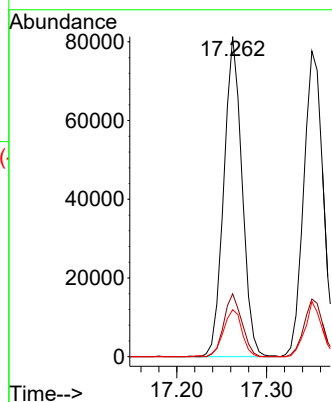
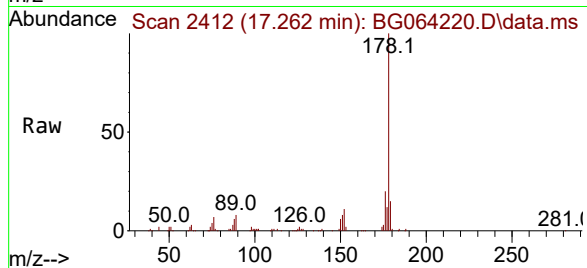
179 14.7 11.4 17.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#72

Anthracene

Concen: 9.814 ng

RT: 17.350 min Scan# 2427

Delta R.T. -0.009 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

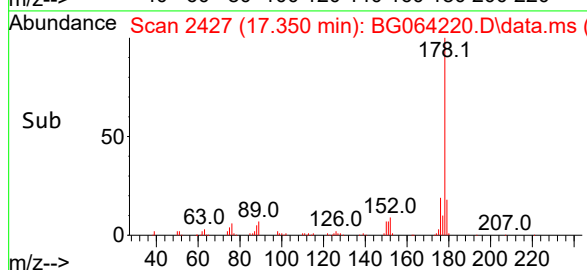
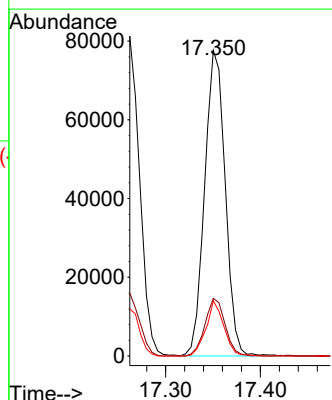
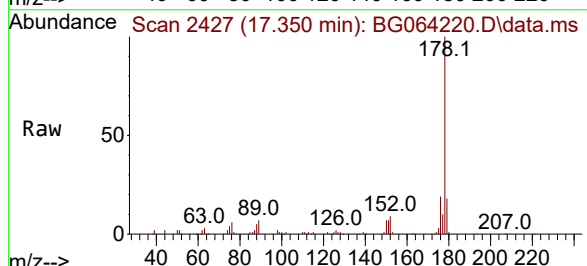
Tgt Ion:178 Resp: 116836

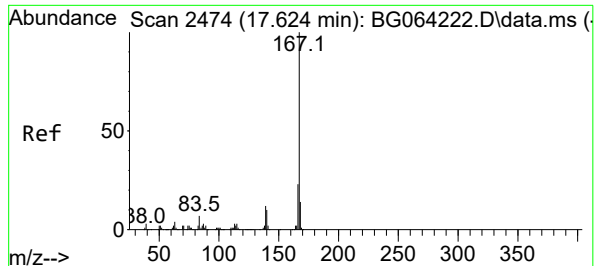
Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

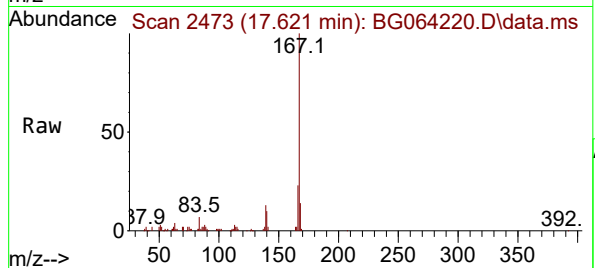
179 18.1 12.1 18.1





#73  
Carbazole  
Concen: 9.603 ng  
RT: 17.621 min Scan# 2473  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

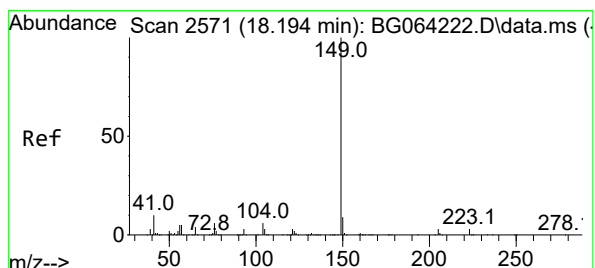
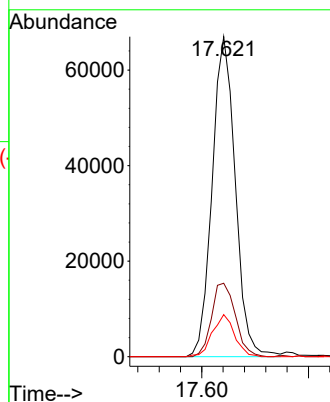
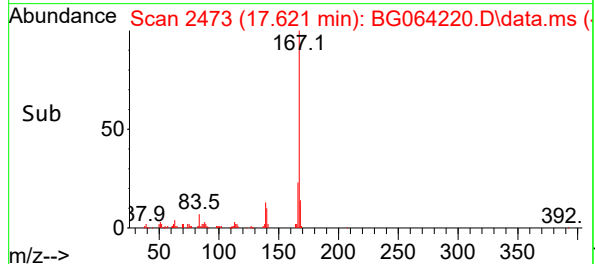
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:167 Resp: 100709  
Ion Ratio Lower Upper  
167 100  
166 22.9 18.2 27.2  
139 13.1 9.8 14.6

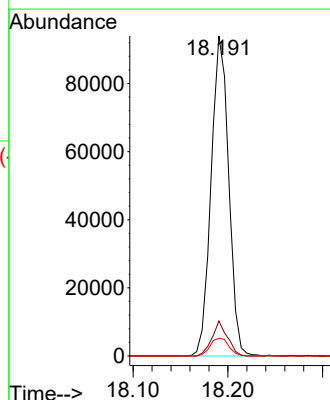
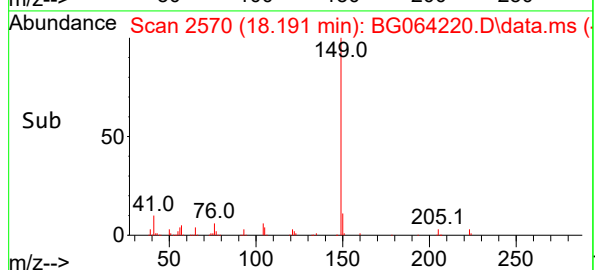
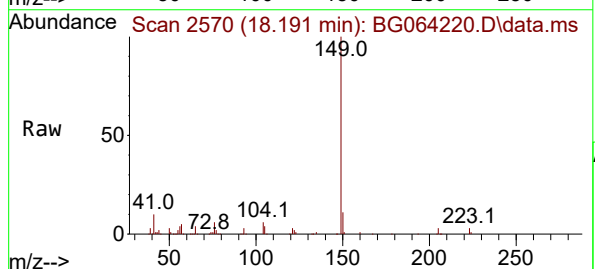
Manual Integrations  
APPROVED

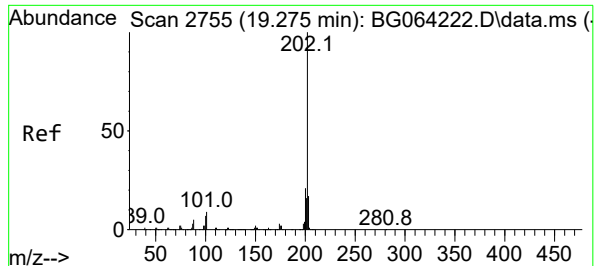
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#74  
Di-n-butylphthalate  
Concen: 9.587 ng  
RT: 18.191 min Scan# 2570  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

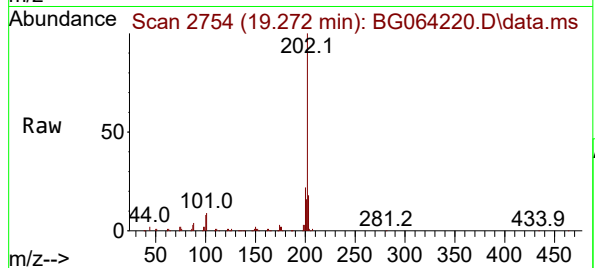
Tgt Ion:149 Resp: 120797  
Ion Ratio Lower Upper  
149 100  
150 11.0 7.5 11.3  
104 5.5 4.6 7.0





#75  
Fluoranthene  
Concen: 9.767 ng  
RT: 19.272 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

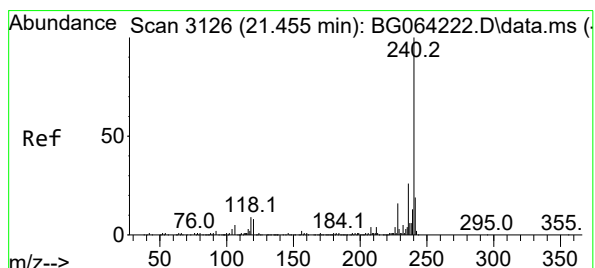
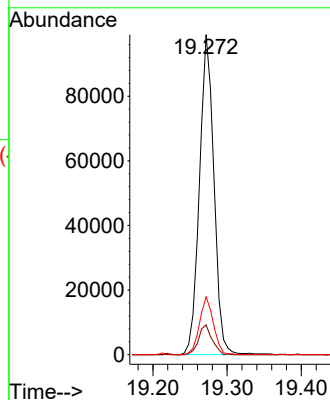
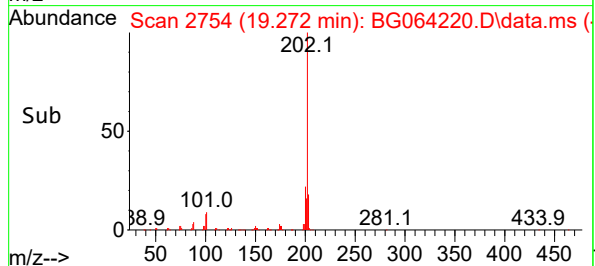
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:202 Resp: 13441  
Ion Ratio Lower Upper  
202 100  
101 9.3 0.0 28.7  
203 18.0 0.0 36.9

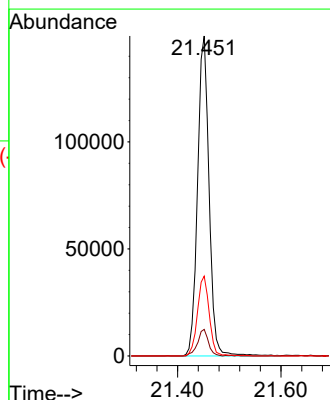
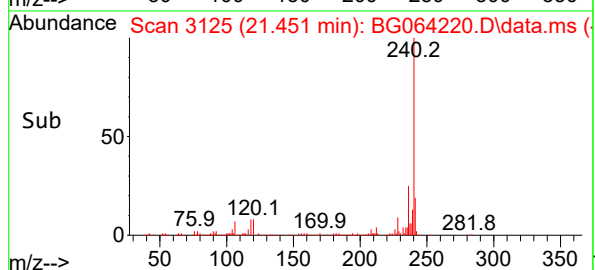
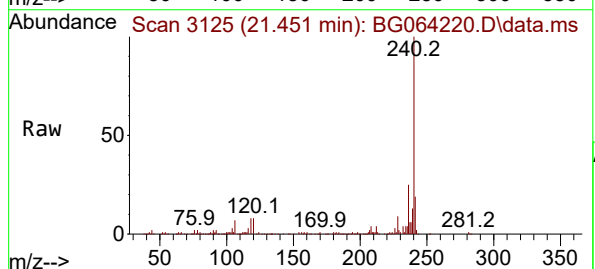
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Supervised By :Jagrut Upadhyay 08/29/2025

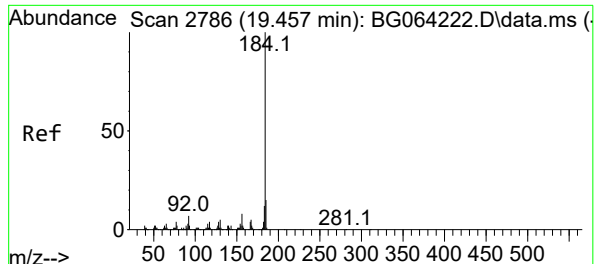


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.451 min Scan# 3125  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:240 Resp: 230611  
Ion Ratio Lower Upper  
240 100  
120 8.3 6.2 9.4  
236 25.0 20.5 30.7







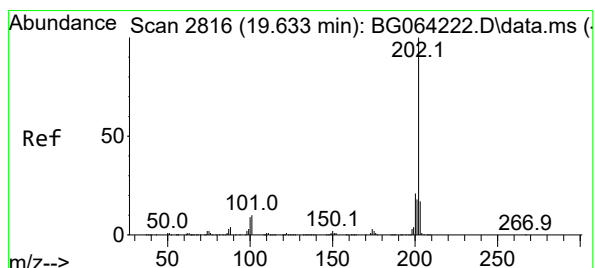
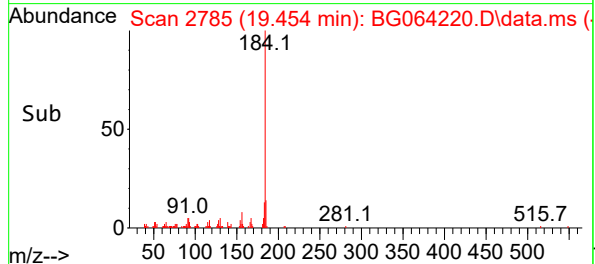
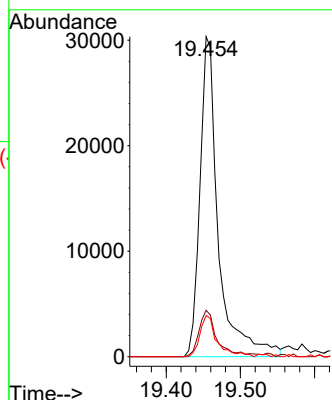
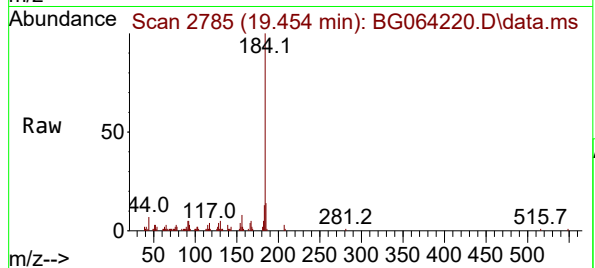
#77  
Benzidine  
Concen: 10.798 ng  
RT: 19.454 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion:184 Resp: 5238  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.7 17.5  
183 12.8 9.7 14.5

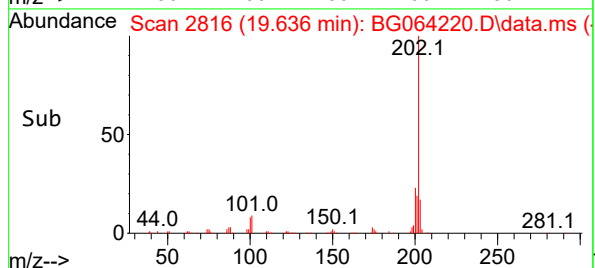
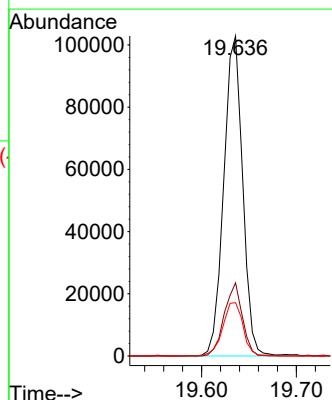
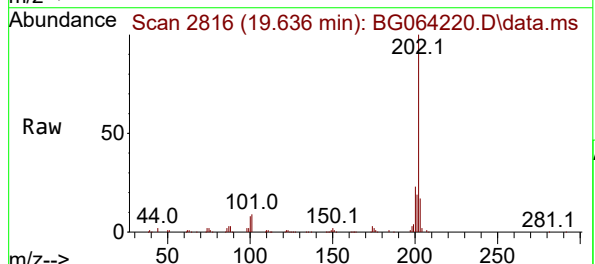
Manual Integrations  
APPROVED

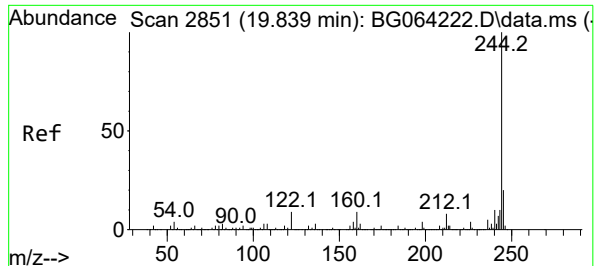
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#78  
Pyrene  
Concen: 9.807 ng  
RT: 19.636 min Scan# 2816  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

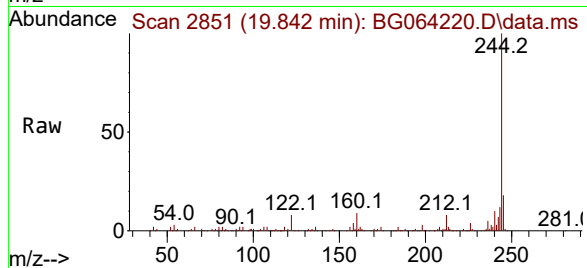
Tgt Ion:202 Resp: 142485  
Ion Ratio Lower Upper  
202 100  
200 22.9 16.9 25.3  
203 16.6 13.8 20.8





#79  
Terphenyl-d14  
Concen: 20.318 ng  
RT: 19.842 min Scan# 2851  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

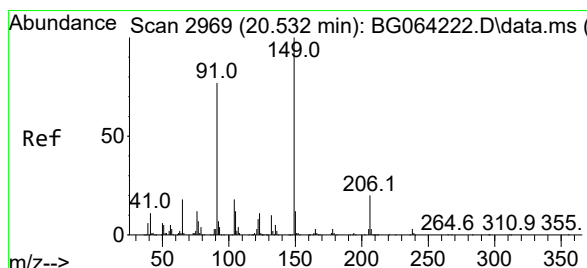
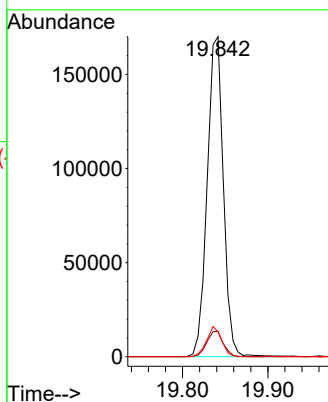
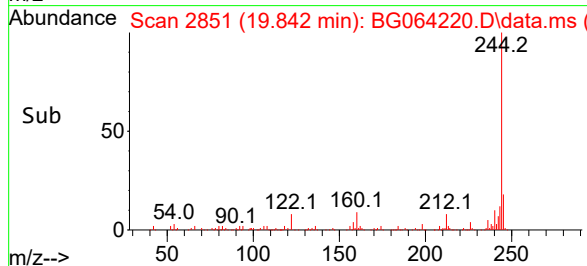
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:244 Resp: 22458  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.6 10.0  
122 7.8 7.0 10.6

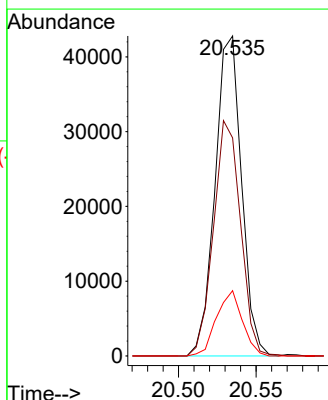
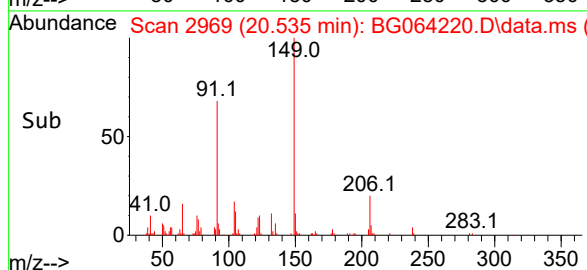
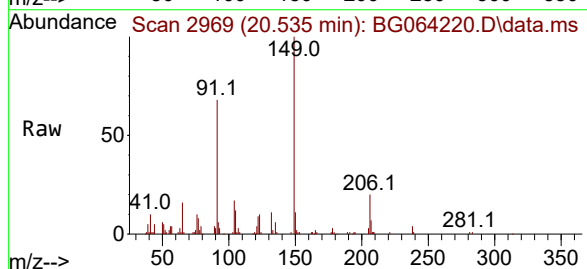
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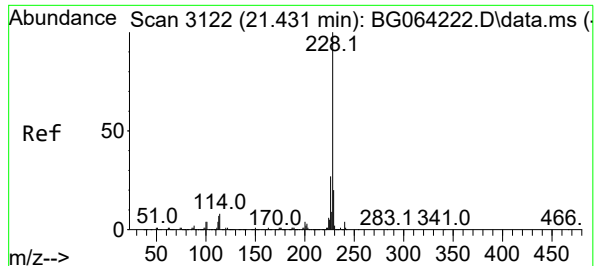
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#80  
Butylbenzylphthalate  
Concen: 9.269 ng  
RT: 20.535 min Scan# 2969  
Delta R.T. 0.002 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

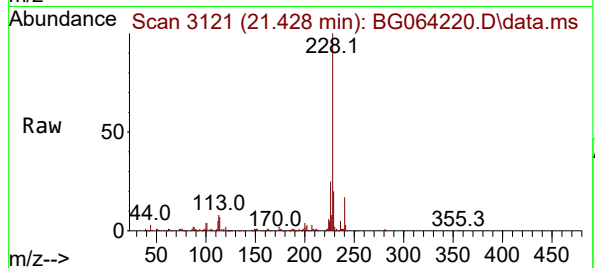
Tgt Ion:149 Resp: 50791  
Ion Ratio Lower Upper  
149 100  
91 68.1 61.4 92.0  
206 20.4 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 9.676 ng  
RT: 21.428 min Scan# 3122  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

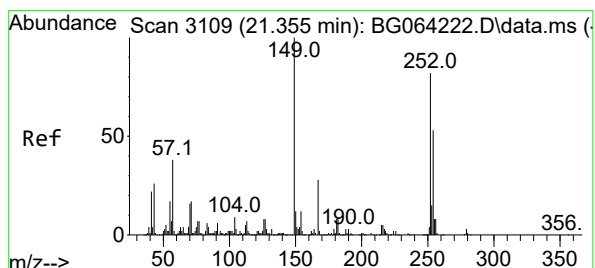
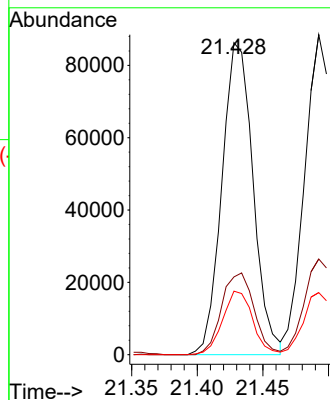
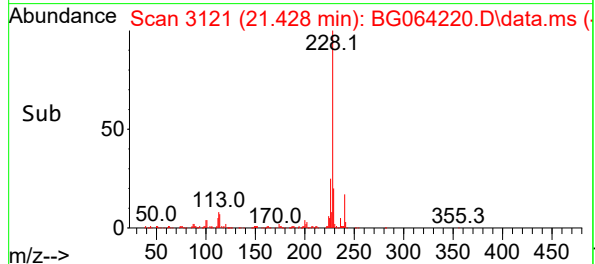
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:228 Resp: 142752  
Ion Ratio Lower Upper  
228 100  
226 24.9 21.7 32.5  
229 20.3 15.9 23.9

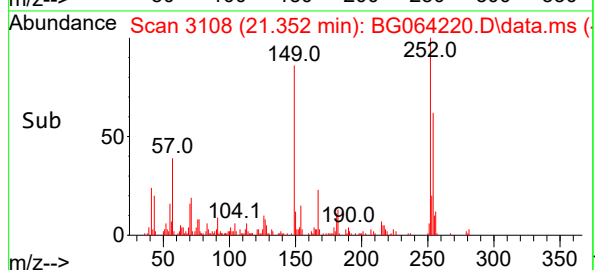
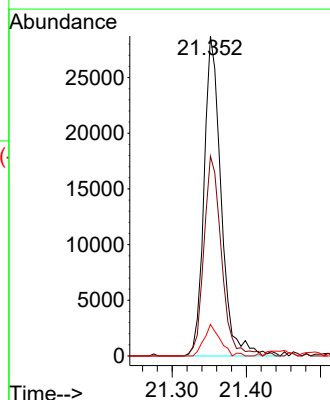
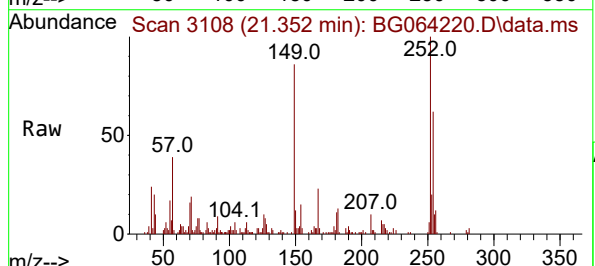
Manual Integrations  
APPROVED

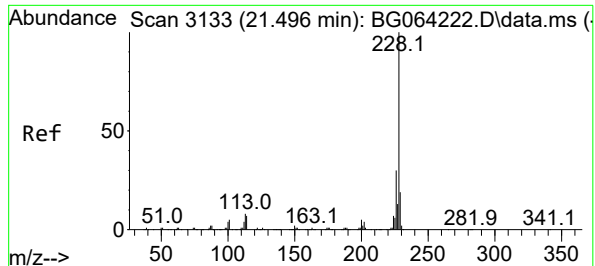
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 9.629 ng  
RT: 21.352 min Scan# 3108  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 46265  
Ion Ratio Lower Upper  
252 100  
254 62.5 51.9 77.9  
126 9.9 7.6 11.4





#83

Chrysene

Concen: 9.747 ng

RT: 21.493 min Scan# 3110

Delta R.T. -0.009 min

Lab File: BG064220.D

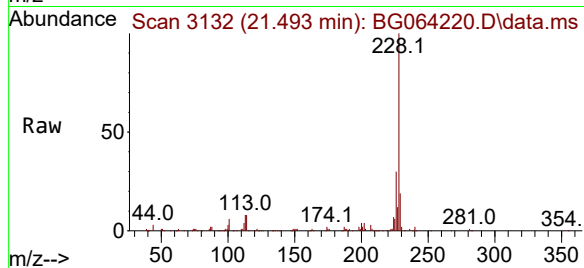
Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010



Tgt Ion:228 Resp: 138050

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

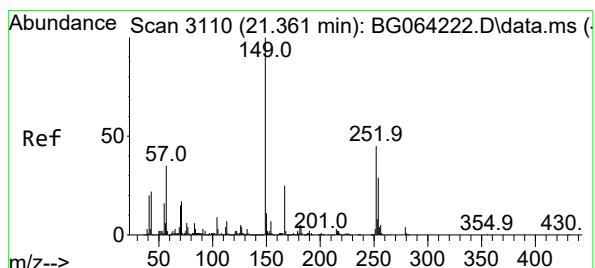
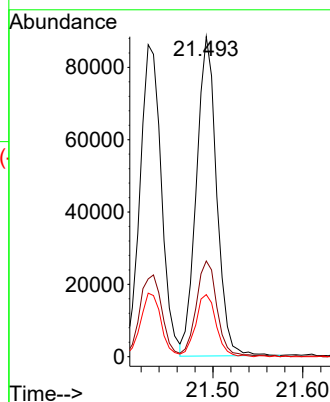
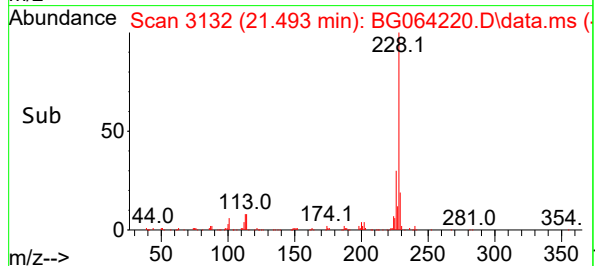
229 19.4 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.549 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

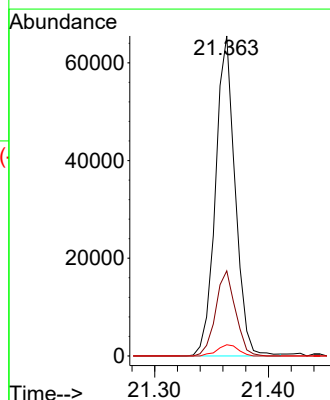
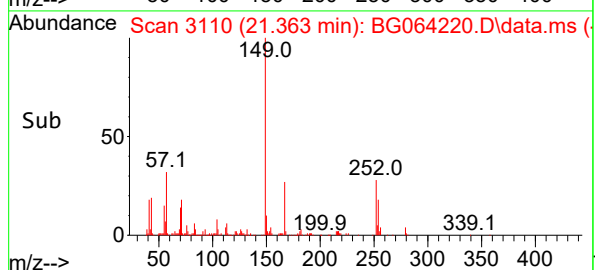
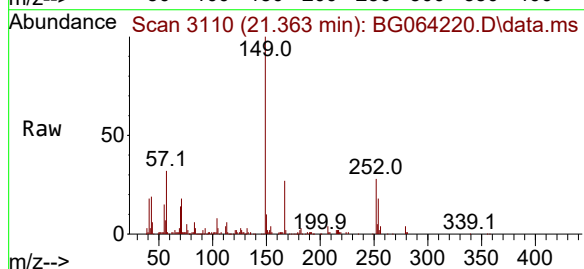
Tgt Ion:149 Resp: 78558

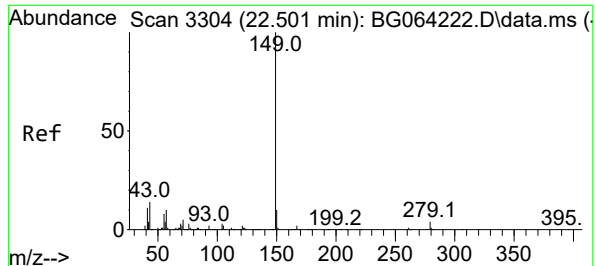
Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

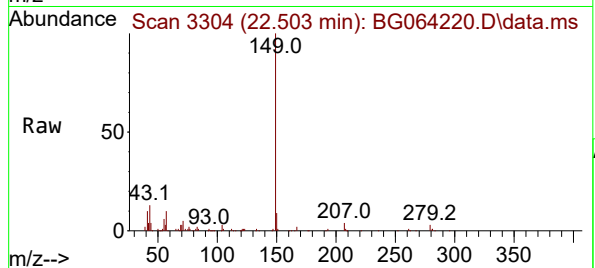
279 3.5 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 9.329 ng  
RT: 22.503 min Scan# 3304  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

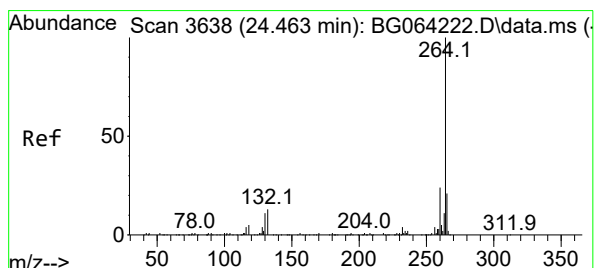
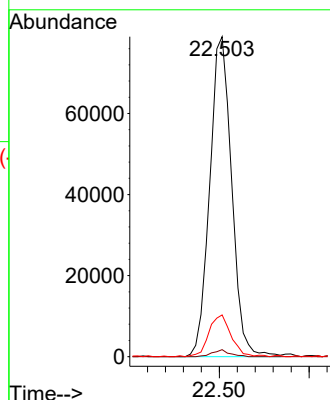
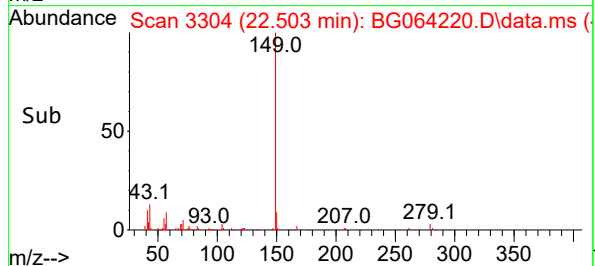
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:149 Resp: 133728  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 13.3 10.8 16.2

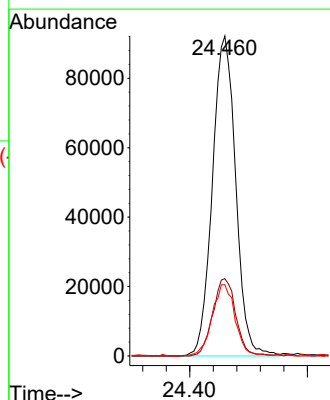
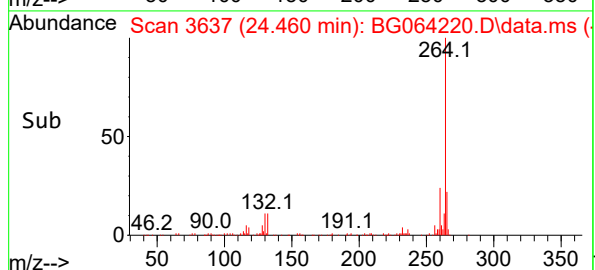
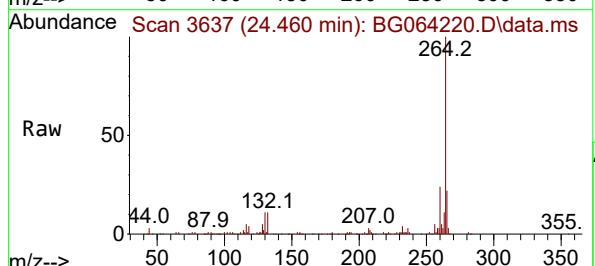
Manual Integrations  
APPROVED

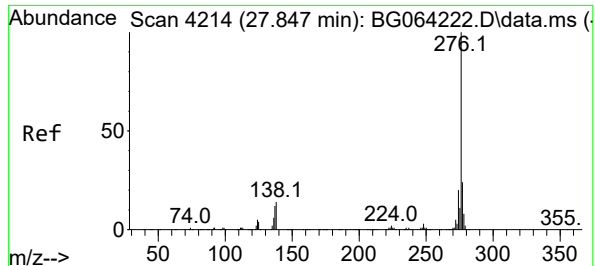
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.460 min Scan# 3637  
Delta R.T. -0.004 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

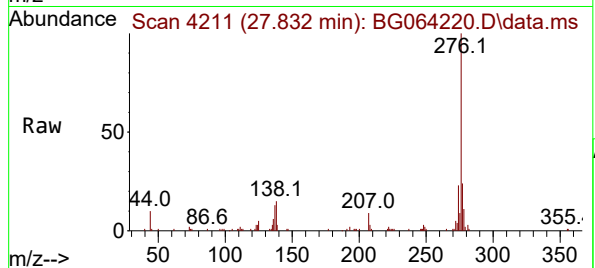
Tgt Ion:264 Resp: 253168  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.9 28.3  
265 22.3 16.7 25.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 9.531 ng  
RT: 27.832 min Scan# 4211  
Delta R.T. -0.039 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

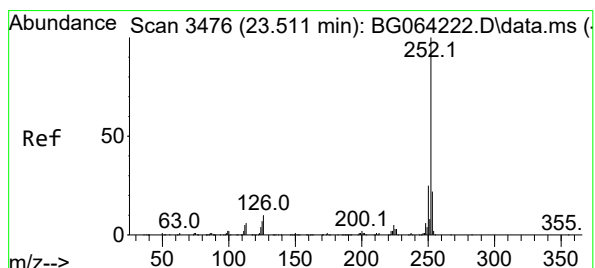
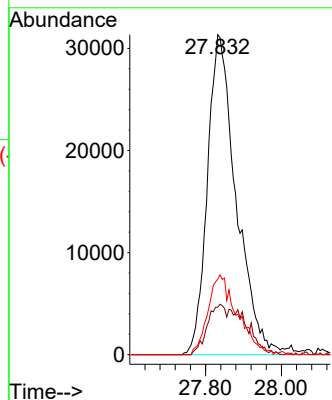
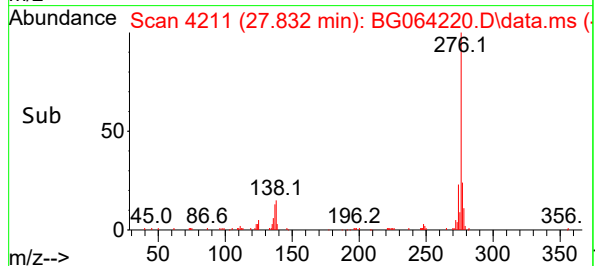
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:276 Resp: 16479  
Ion Ratio Lower Upper  
276 100  
138 10.2 7.4 11.0  
277 25.5 20.5 30.7

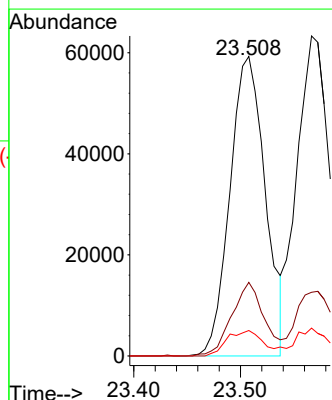
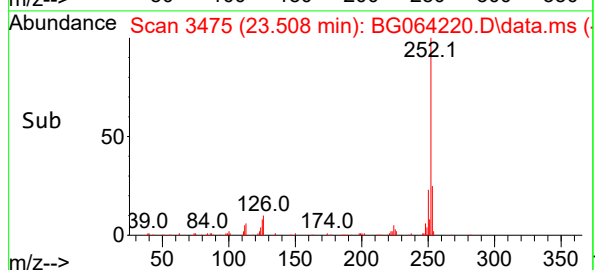
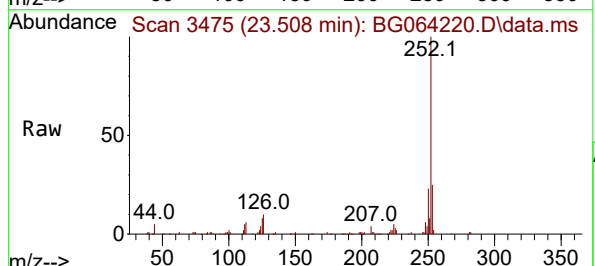
Manual Integrations  
APPROVED

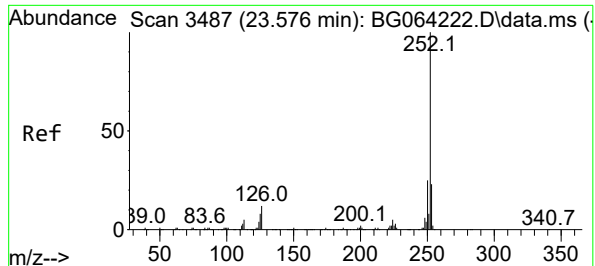
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#88  
Benzo(b)fluoranthene  
Concen: 9.581 ng  
RT: 23.508 min Scan# 3475  
Delta R.T. -0.009 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:252 Resp: 136893  
Ion Ratio Lower Upper  
252 100  
253 24.6 17.5 26.3  
125 8.5 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 9.798 ng

RT: 23.567 min Scan# 34

Delta R.T. -0.021 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 142634

Ion Ratio Lower Upper

252 100

253 19.9 18.2 27.4

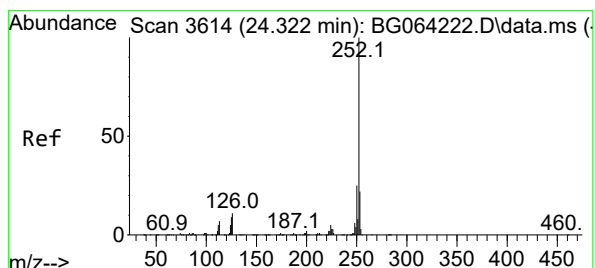
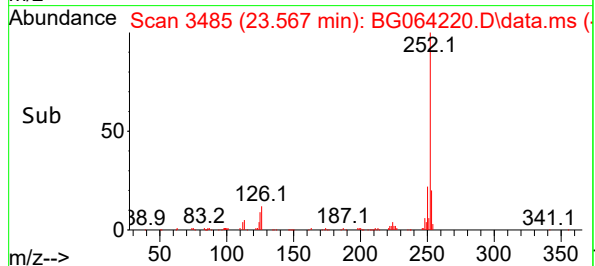
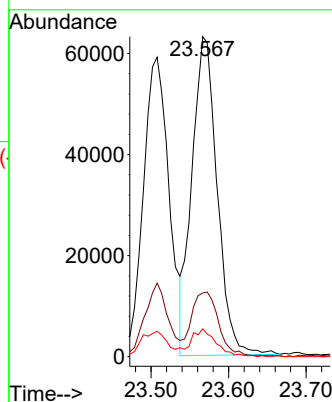
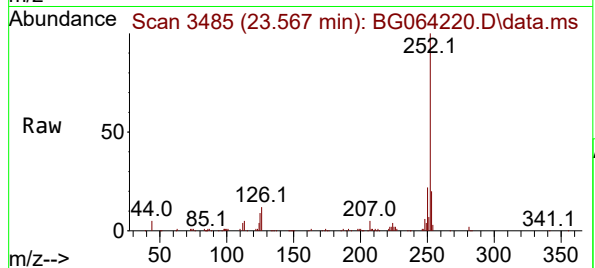
125 8.7 7.0 10.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 9.316 ng

RT: 24.313 min Scan# 3612

Delta R.T. -0.015 min

Lab File: BG064220.D

Acq: 28 Aug 2025 12:12

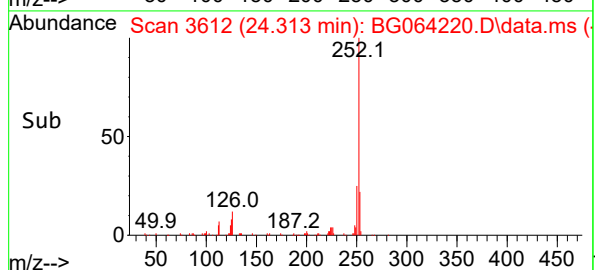
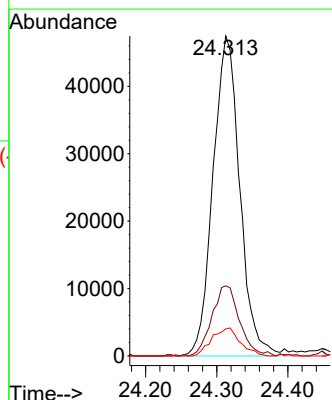
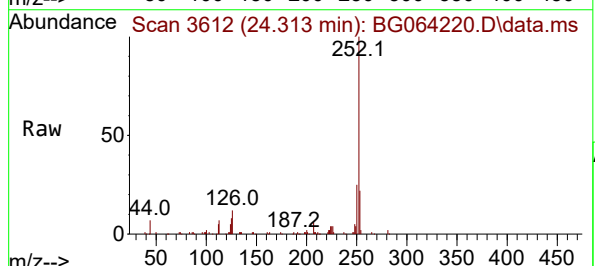
Tgt Ion:252 Resp: 123820

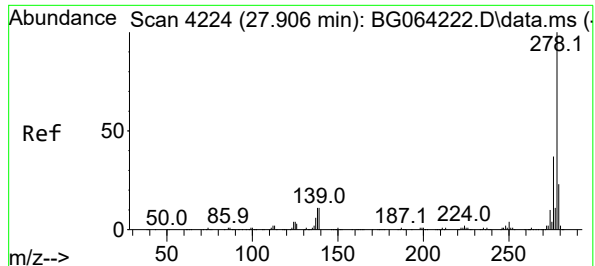
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

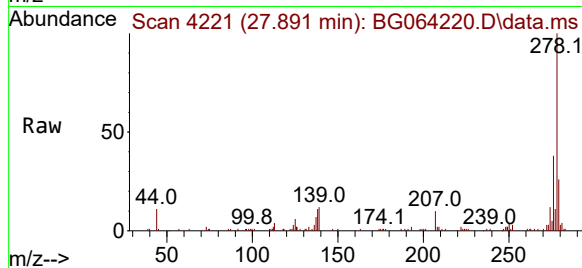
125 8.5 7.0 10.6





#91  
Dibenzo(a,h)anthracene  
Concen: 9.409 ng  
RT: 27.891 min Scan# 41  
Delta R.T. -0.033 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

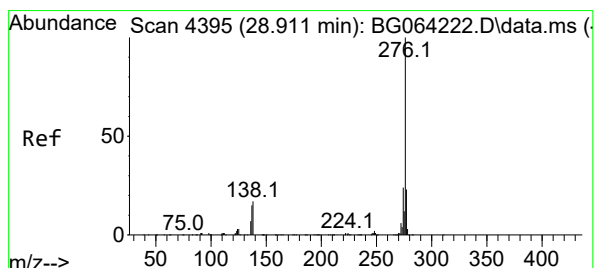
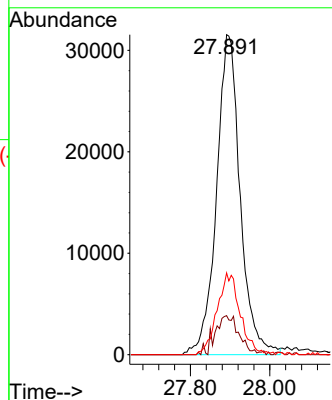
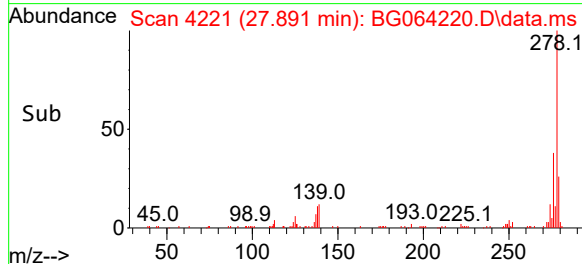
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010



Tgt Ion:278 Resp: 130614  
Ion Ratio Lower Upper  
278 100  
139 12.2 9.0 13.4  
279 25.5 18.8 28.2

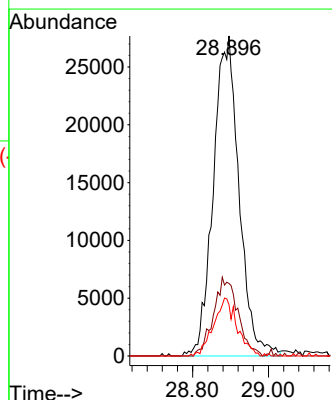
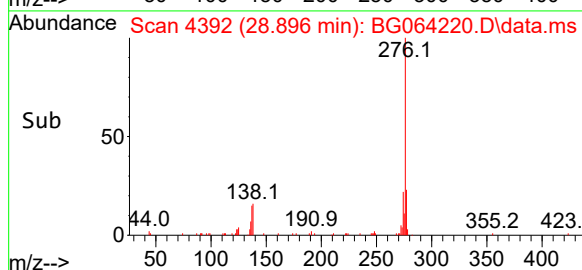
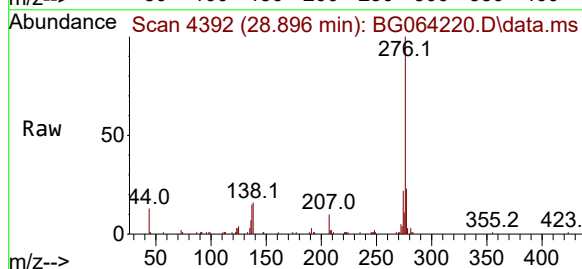
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#92  
Benzo(g,h,i)perylene  
Concen: 9.643 ng  
RT: 28.896 min Scan# 4392  
Delta R.T. -0.039 min  
Lab File: BG064220.D  
Acq: 28 Aug 2025 12:12

Tgt Ion:276 Resp: 130254  
Ion Ratio Lower Upper  
276 100  
277 22.6 18.2 27.4  
138 16.0 13.3 19.9





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064221.D  
 Acq On : 28 Aug 2025 12:53  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.860  | 152  | 27893    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.645 | 136  | 132216   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.481 | 164  | 97594    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.219 | 188  | 226286   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.450 | 240  | 233668   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.458 | 264  | 258172   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.439  | 112  | 64409    | 41.428 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.019  | 99   | 88910    | 41.626 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.005  | 82   | 97869    | 41.282 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.968 | 330  | 52925    | 40.942 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.106 | 172  | 265127   | 41.465 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.840 | 244  | 468161   | 41.801 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.359  | 88   | 13364    | 20.623 | ng    | 89       |
| 3) Pyridine                   | 3.753  | 79   | 38395    | 20.128 | ng    | # 52     |
| 4) n-Nitrosodimethylamine     | 3.665  | 42   | 25498    | 20.209 | ng    | # 84     |
| 6) Aniline                    | 7.184  | 93   | 60202    | 20.382 | ng    | # 92     |
| 8) 2-Chlorophenol             | 7.419  | 128  | 38517    | 20.274 | ng    | 97       |
| 9) Benzaldehyde               | 6.996  | 77   | 31087m   | 17.686 | ng    |          |
| 10) Phenol                    | 7.049  | 94   | 48810    | 20.727 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.278  | 93   | 36896    | 20.850 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.748  | 146  | 41828    | 20.695 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.895  | 146  | 41264    | 20.230 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.206  | 146  | 41178    | 20.917 | ng    | 91       |
| 15) Benzyl Alcohol            | 8.095  | 79   | 40053    | 20.320 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.377  | 45   | 83088    | 20.566 | ng    | 97       |
| 17) 2-Methylphenol            | 8.294  | 107  | 37621    | 21.436 | ng    | # 85     |
| 18) Hexachloroethane          | 8.935  | 117  | 16021    | 20.121 | ng    | # 82     |
| 19) n-Nitroso-di-n-propyla... | 8.659  | 70   | 34556    | 21.139 | ng    | # 96     |
| 20) 3+4-Methylphenols         | 8.623  | 107  | 49230    | 20.187 | ng    | 99       |
| 22) Acetophenone              | 8.670  | 105  | 69031    | 20.637 | ng    | # 95     |
| 24) Nitrobenzene              | 9.052  | 77   | 52070    | 21.022 | ng    | 99       |
| 25) Isophorone                | 9.569  | 82   | 104049   | 21.118 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.757  | 139  | 22361    | 20.893 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.822  | 122  | 39643    | 21.097 | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.057 | 93   | 55148    | 20.758 | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.292 | 162  | 42128    | 21.248 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.509 | 180  | 43234    | 20.681 | ng    | 92       |
| 31) Naphthalene               | 10.692 | 128  | 142418   | 20.772 | ng    | 98       |
| 32) Benzoic acid              | 9.928  | 122  | 27202    | 18.237 | ng    | 92       |
| 33) 4-Chloroaniline           | 10.797 | 127  | 54708    | 20.588 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.991 | 225  | 31157    | 20.163 | ng    | 91       |
| 35) Caprolactam               | 11.555 | 113  | 17073    | 22.239 | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 11.920 | 107  | 53139    | 20.657 | ng    | 92       |
| 37) 2-Methylnaphthalene       | 12.301 | 142  | 109822   | 21.550 | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.525 | 142  | 105864   | 21.031 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.672 | 216  | 58253    | 20.687 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.660 | 237  | 24999    | 18.680 | ng    | 81       |
| 43) 2,4,6-Trichlorophenol     | 12.913 | 196  | 39082    | 20.765 | ng    | 94       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064221.D  
 Acq On : 28 Aug 2025 12:53  
 Operator : RC/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

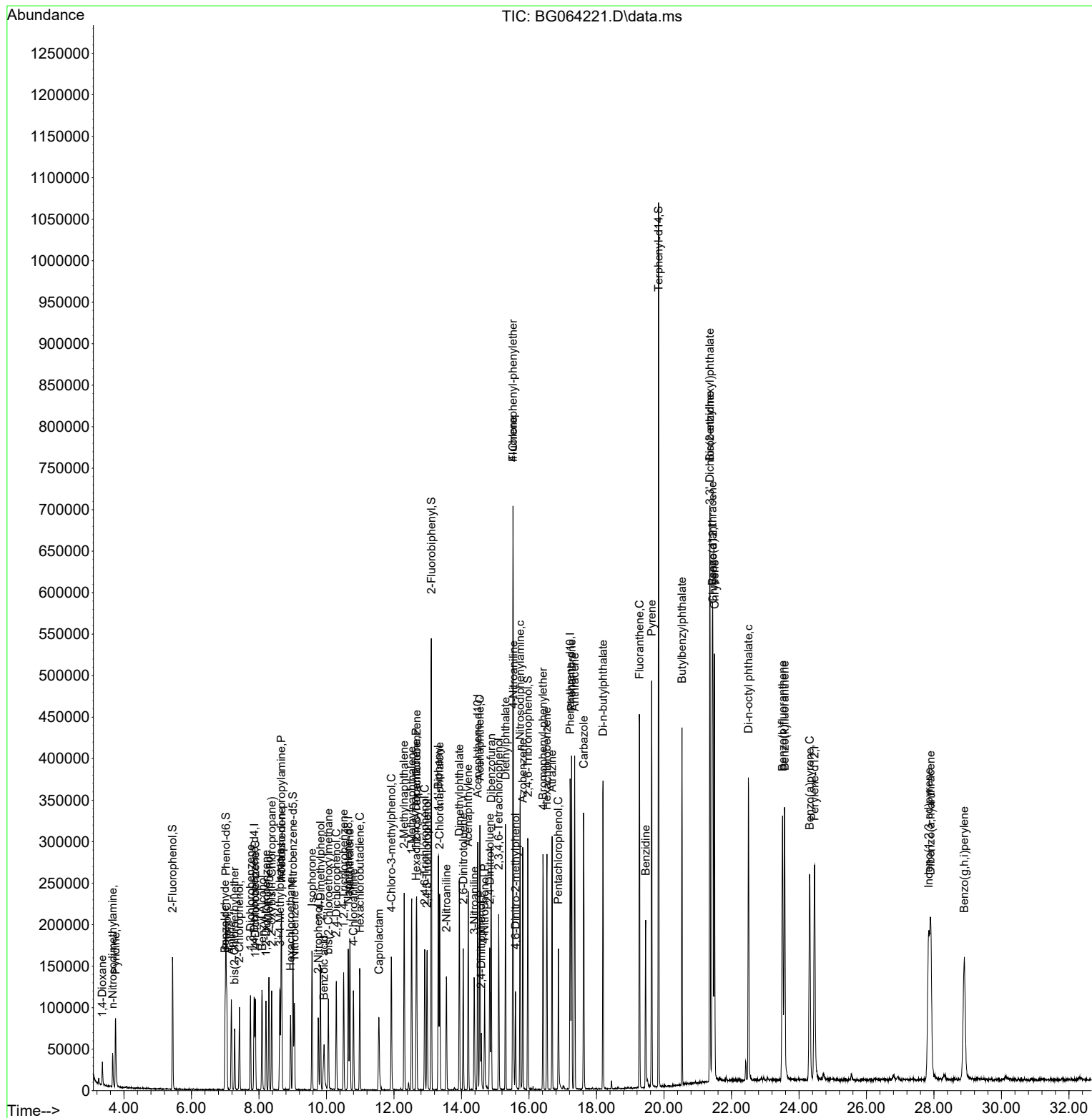
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.977 | 196  | 42626    | 20.878 | ng    | 92       |
| 46) 1,1'-Biphenyl             | 13.318 | 154  | 145186   | 20.425 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.353 | 162  | 108659   | 20.333 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.553 | 65   | 36296    | 19.927 | ng    | 96       |
| 49) Acenaphthylene            | 14.199 | 152  | 163464   | 20.693 | ng    | 98       |
| 50) Dimethylphthalate         | 13.935 | 163  | 153139   | 20.731 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.052 | 165  | 29384    | 20.547 | ng    | 90       |
| 52) Acenaphthene              | 14.546 | 154  | 114630   | 20.562 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.381 | 138  | 30798    | 20.559 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.587 | 184  | 13409    | 18.989 | ng #  | 86       |
| 55) Dibenzofuran              | 14.881 | 168  | 179568   | 20.478 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.687 | 139  | 24395    | 19.853 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.840 | 165  | 45085    | 20.850 | ng    | 94       |
| 58) Fluorene                  | 15.527 | 166  | 151193   | 21.037 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 40905    | 20.831 | ng    | 98       |
| 60) Diethylphthalate          | 15.304 | 149  | 162465   | 20.550 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.527 | 204  | 74031    | 20.660 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.539 | 138  | 30317    | 19.833 | ng    | 97       |
| 63) Azobenzene                | 15.815 | 77   | 147419   | 20.922 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 198  | 24257    | 18.671 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.739 | 169  | 129237   | 20.761 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.414 | 248  | 49269    | 20.499 | ng    | 93       |
| 68) Hexachlorobenzene         | 16.532 | 284  | 55170    | 20.671 | ng    | 93       |
| 69) Atrazine                  | 16.685 | 200  | 52170    | 20.072 | ng    | 99       |
| 70) Pentachlorophenol         | 16.873 | 266  | 30473    | 18.830 | ng    | 88       |
| 71) Phenanthrene              | 17.260 | 178  | 246727   | 20.672 | ng    | 98       |
| 72) Anthracene                | 17.354 | 178  | 247090   | 20.352 | ng    | 99       |
| 73) Carbazole                 | 17.619 | 167  | 217200   | 20.308 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.195 | 149  | 259387   | 20.187 | ng    | 98       |
| 75) Fluoranthene              | 19.276 | 202  | 287131   | 20.461 | ng    | 97       |
| 77) Benzidine                 | 19.458 | 184  | 122689   | 24.959 | ng    | 99       |
| 78) Pyrene                    | 19.634 | 202  | 300446   | 20.409 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.533 | 149  | 114931   | 20.699 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.432 | 228  | 306551   | 20.506 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.356 | 252  | 102925   | 21.141 | ng    | 100      |
| 83) Chrysene                  | 21.497 | 228  | 293057   | 20.420 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.361 | 149  | 167957   | 20.148 | ng #  | 96       |
| 85) Di-n-octyl phthalate      | 22.501 | 149  | 295768   | 20.362 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.842 | 276  | 357251   | 20.263 | ng #  | 96       |
| 88) Benzo(b)fluoranthene      | 23.512 | 252  | 295568   | 20.285 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.576 | 252  | 304190   | 20.492 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.317 | 252  | 277917   | 20.504 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.901 | 278  | 287627   | 20.318 | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 28.900 | 276  | 276197   | 20.051 | ng    | 99       |

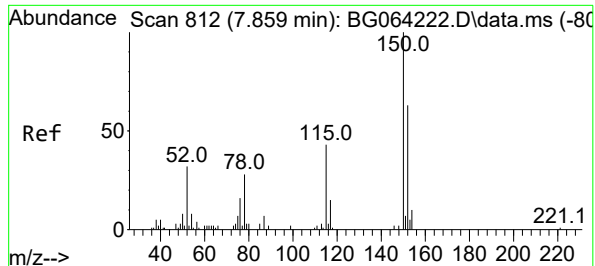
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC020

## Manual Integrations APPROVED

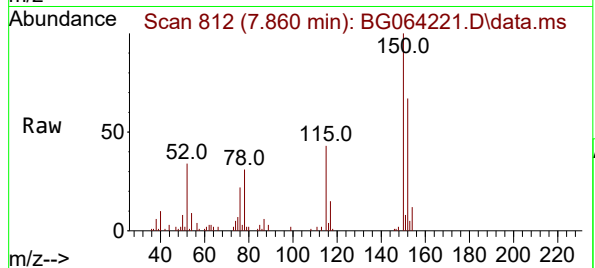
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.860 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

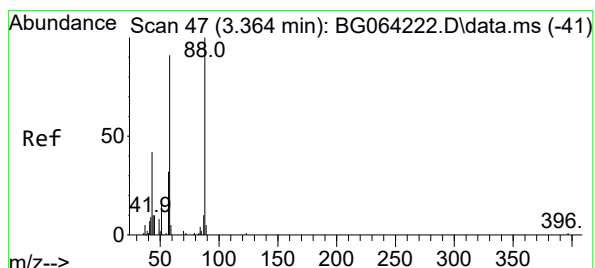
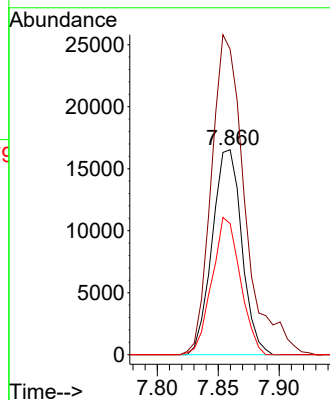
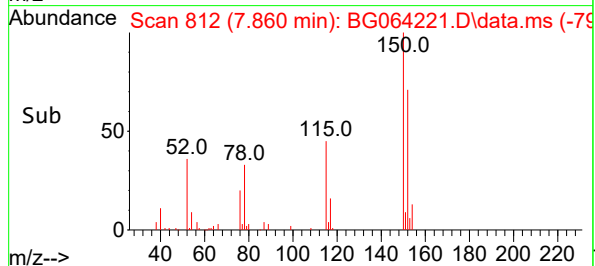
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:152 Resp: 2789  
Ion Ratio Lower Upper  
152 100  
150 149.1 128.0 192.0  
115 64.0 55.7 83.5

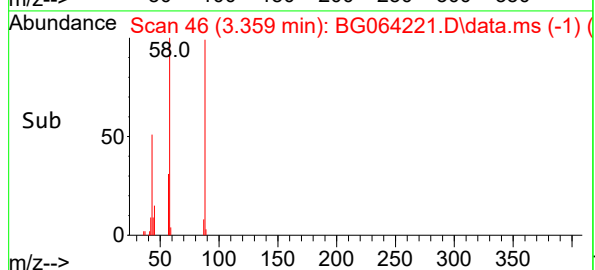
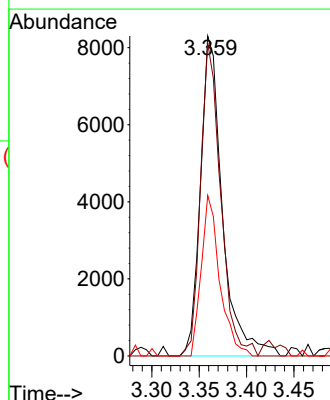
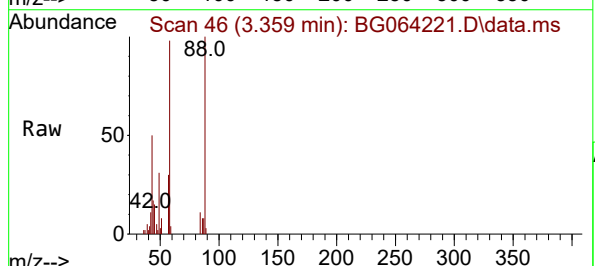
Manual Integrations  
APPROVED

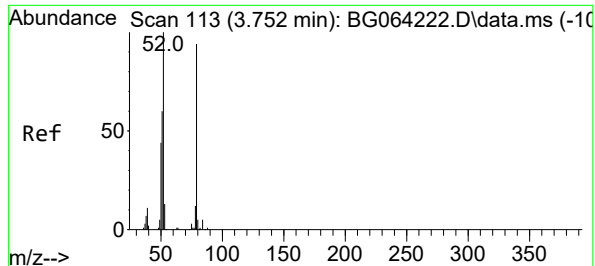
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#2  
1,4-Dioxane  
Concen: 20.623 ng  
RT: 3.359 min Scan# 46  
Delta R.T. 0.001 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

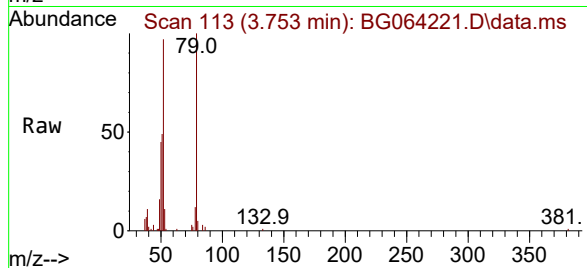
Tgt Ion: 88 Resp: 13364  
Ion Ratio Lower Upper  
88 100  
58 89.6 80.8 121.2  
43 42.4 40.3 60.5





#3  
Pyridine  
Concen: 20.128 ng  
RT: 3.753 min Scan# 113  
Delta R.T. 0.000 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

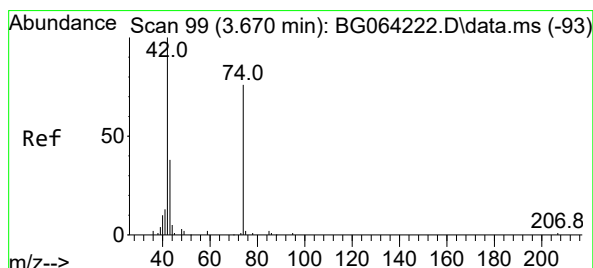
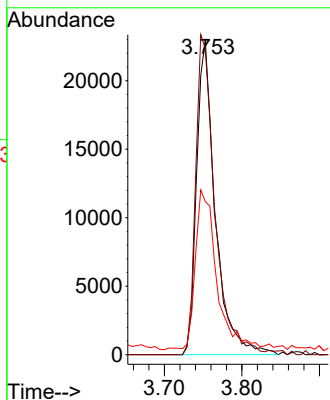
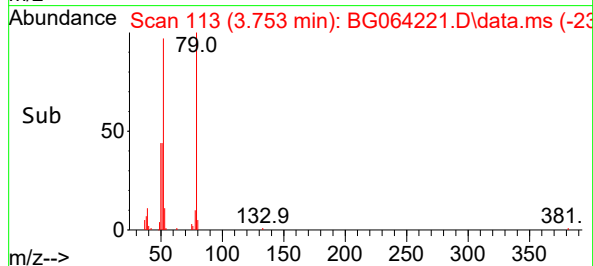
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion: 79 Resp: 3839  
Ion Ratio Lower Upper  
79 100  
52 97.5 86.6 129.8  
51 48.8 114.1 171.1

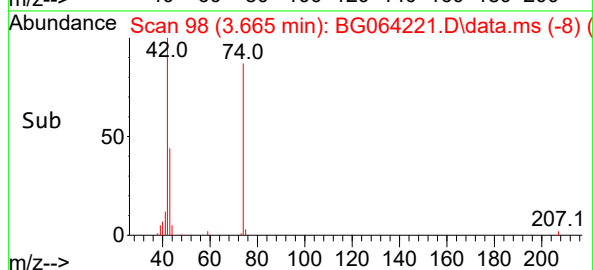
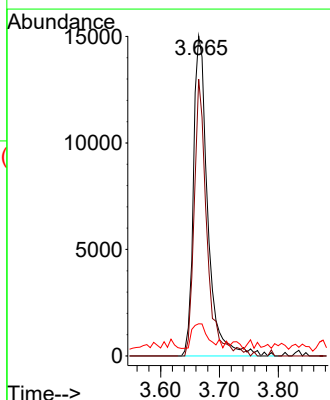
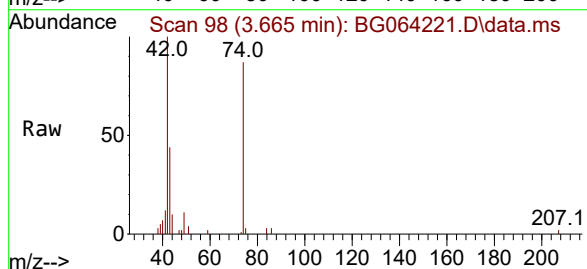
Manual Integrations  
APPROVED

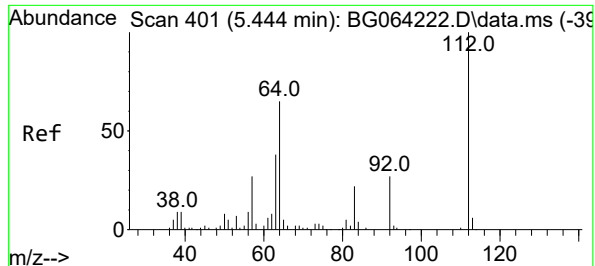
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#4  
n-Nitrosodimethylamine  
Concen: 20.209 ng  
RT: 3.665 min Scan# 98  
Delta R.T. 0.001 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion: 42 Resp: 25498  
Ion Ratio Lower Upper  
42 100  
74 86.5 58.0 87.0  
44 10.0 5.5 8.3





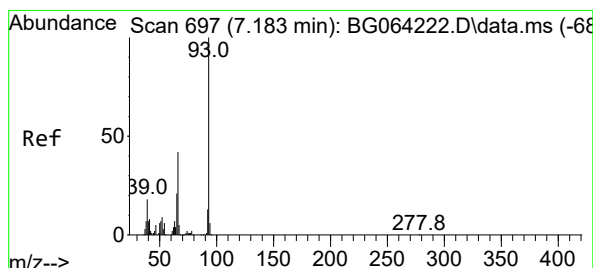
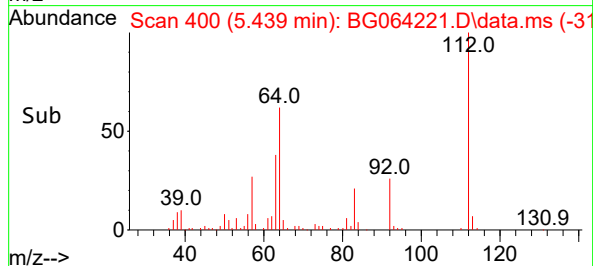
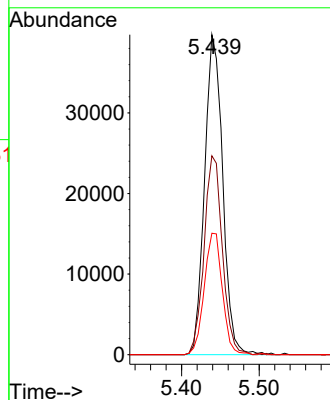
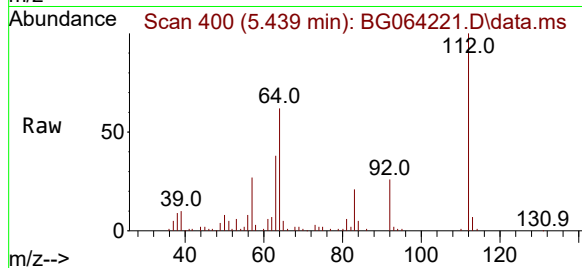
#5  
2-Fluorophenol  
Concen: 41.428 ng  
RT: 5.439 min Scan# 401  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion:112 Resp: 64409  
Ion Ratio Lower Upper  
112 100  
64 62.1 51.8 77.6  
63 38.0 30.6 45.8

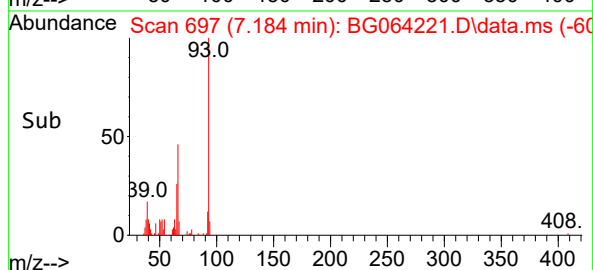
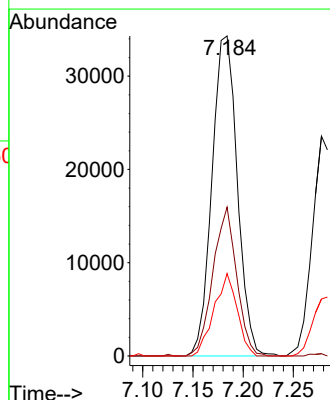
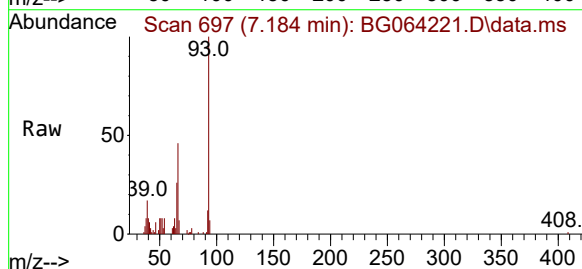
Manual Integrations  
APPROVED

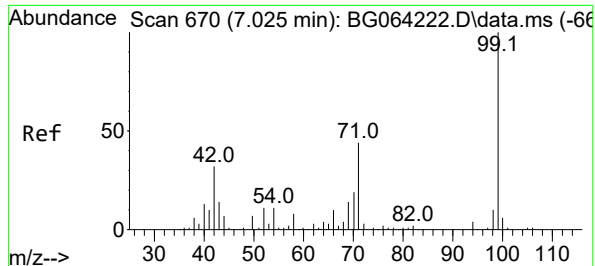
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#6  
Aniline  
Concen: 20.382 ng  
RT: 7.184 min Scan# 697  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

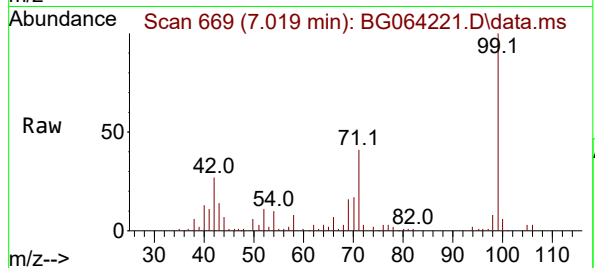
Tgt Ion: 93 Resp: 60202  
Ion Ratio Lower Upper  
93 100  
66 46.5 33.8 50.8  
65 25.8 16.9 25.3#





#7  
Phenol-d6  
Concen: 41.626 ng  
RT: 7.019 min Scan# 60  
Delta R.T. -0.011 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

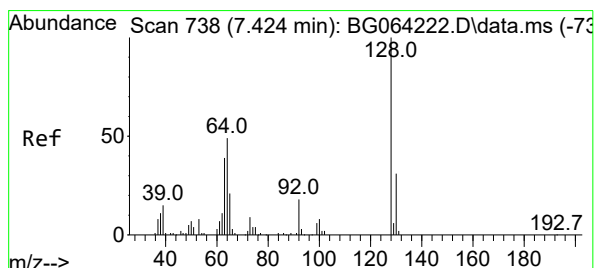
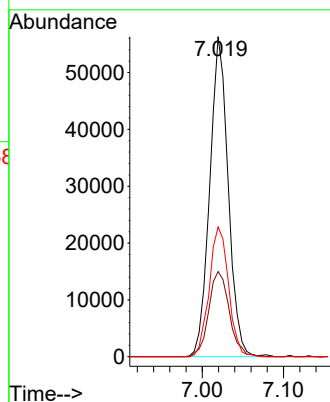
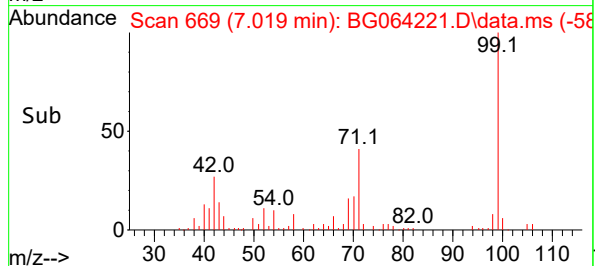
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion: 99 Resp: 88910  
Ion Ratio Lower Upper  
99 100  
42 26.6 25.8 38.8  
71 40.6 35.2 52.8

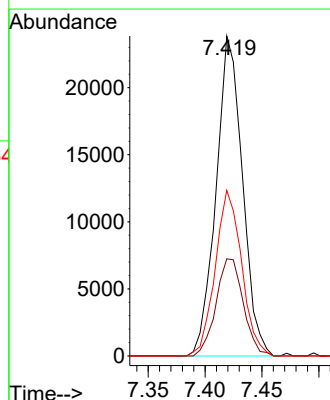
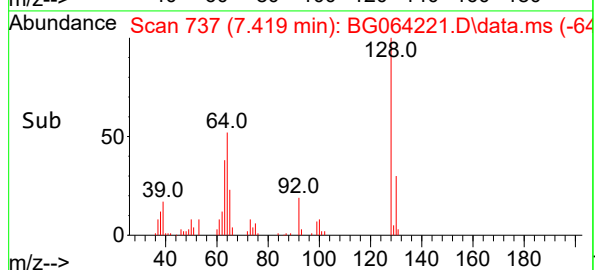
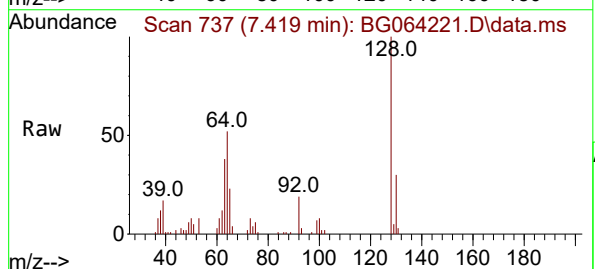
Manual Integrations  
APPROVED

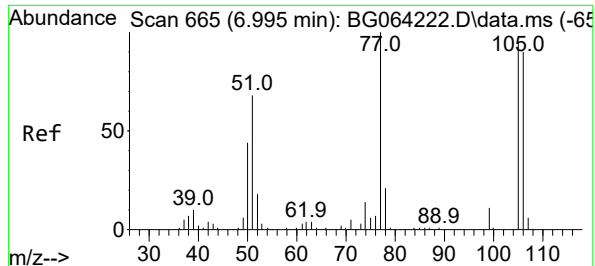
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#8  
2-Chlorophenol  
Concen: 20.274 ng  
RT: 7.419 min Scan# 737  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:128 Resp: 38517  
Ion Ratio Lower Upper  
128 100  
130 30.4 10.9 50.9  
64 51.8 28.7 68.7





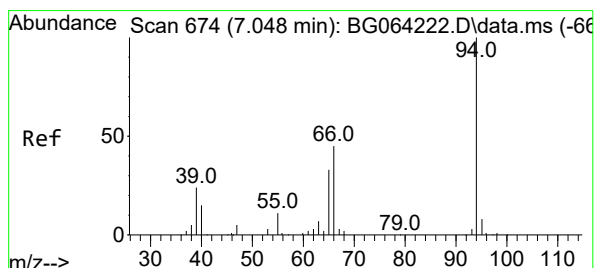
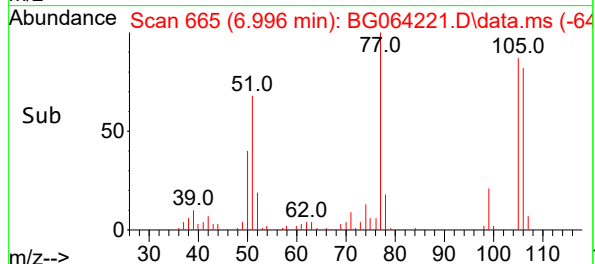
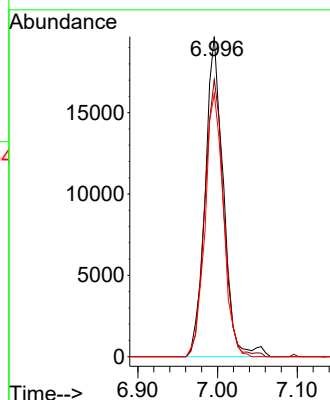
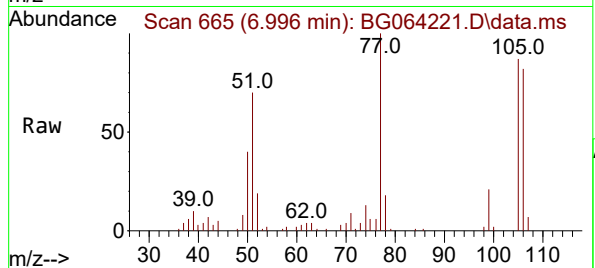
#9  
Benzaldehyde  
Concen: 17.686 ng m  
RT: 6.996 min Scan# 665  
Delta R.T. 0.001 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion: 77 Resp: 3108  
Ion Ratio Lower Upper  
77 100  
105 86.6 75.2 115.2  
106 82.2 69.6 109.6

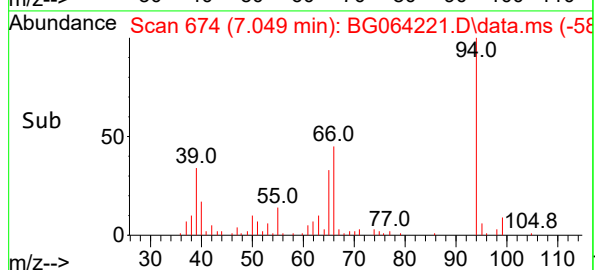
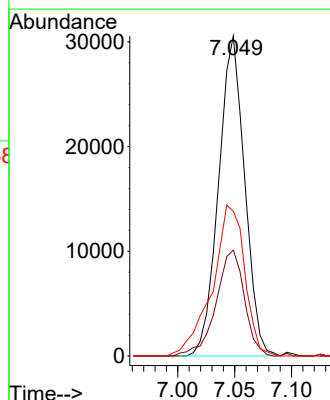
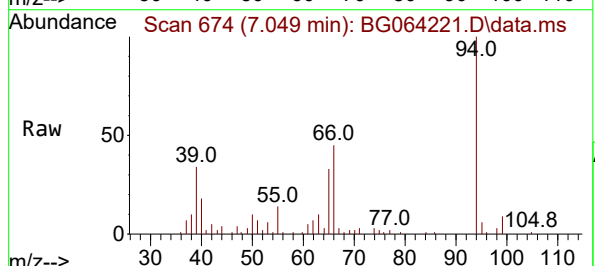
Manual Integrations  
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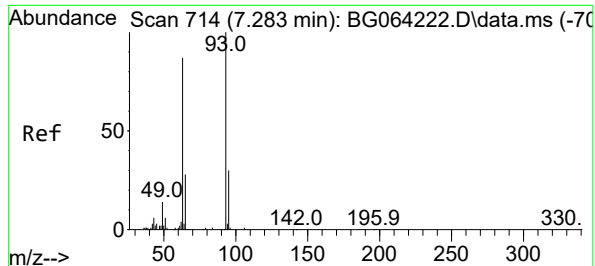


#10  
Phenol  
Concen: 20.727 ng  
RT: 7.049 min Scan# 674  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion: 94 Resp: 48810  
Ion Ratio Lower Upper  
94 100  
65 33.1 13.5 53.5  
66 45.3 26.2 66.2







#11

bis(2-Chloroethyl)ether

Concen: 20.850 ng

RT: 7.278 min Scan# 714

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 36890

Ion Ratio Lower Upper

93 100

63 92.1 66.2 106.2

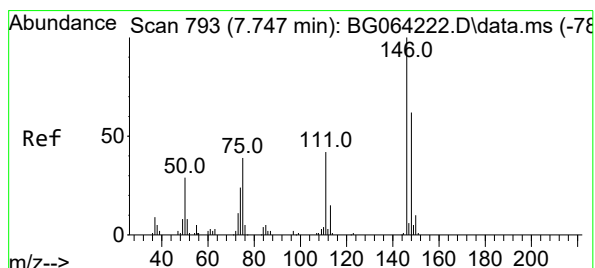
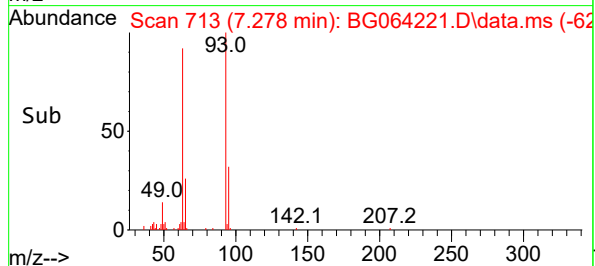
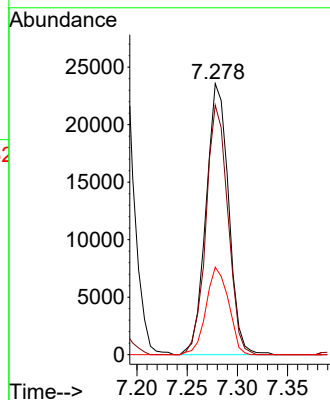
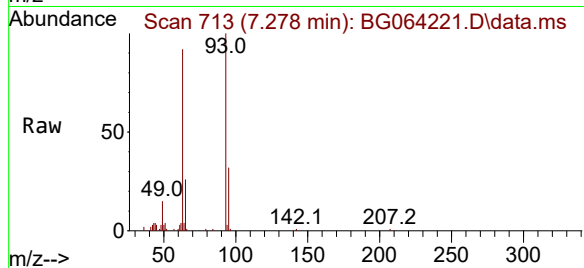
95 32.3 9.8 49.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 20.695 ng

RT: 7.748 min Scan# 793

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

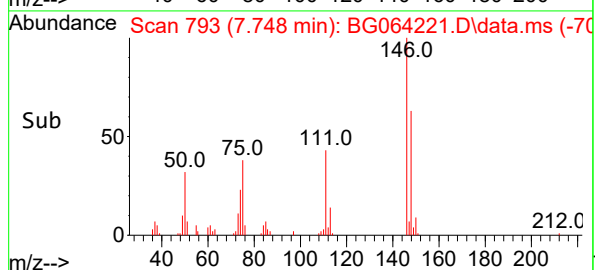
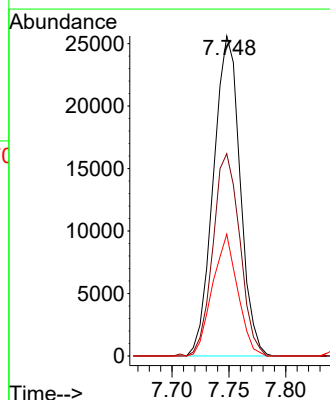
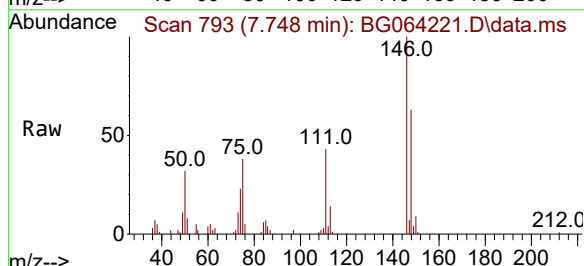
Tgt Ion:146 Resp: 41828

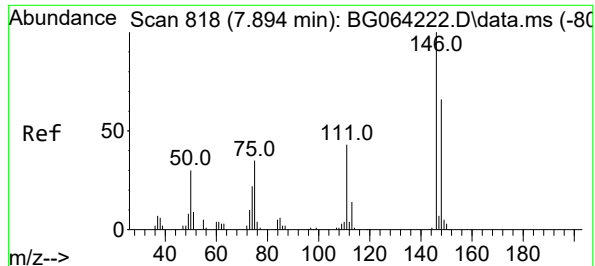
Ion Ratio Lower Upper

146 100

148 63.2 49.6 74.4

75 38.0 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 20.230 ng

RT: 7.895 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 41264

Ion Ratio Lower Upper

146 100

148 66.7 52.8 79.2

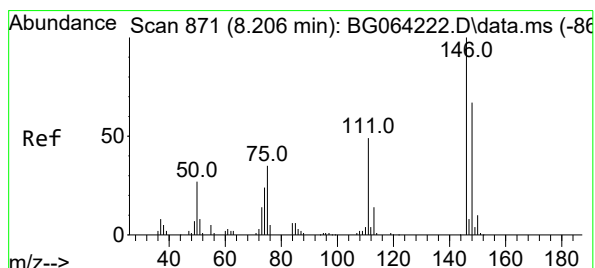
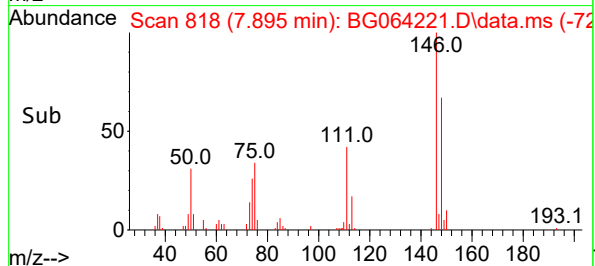
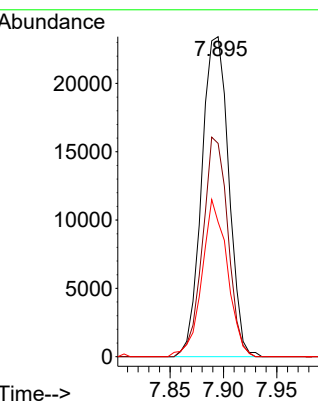
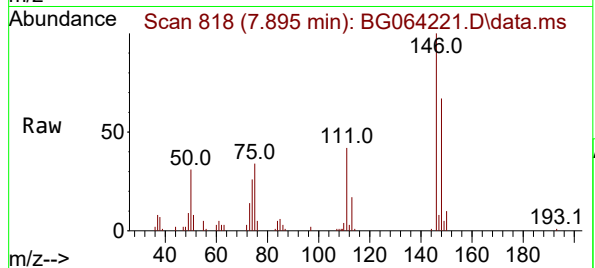
111 42.0 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 20.917 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

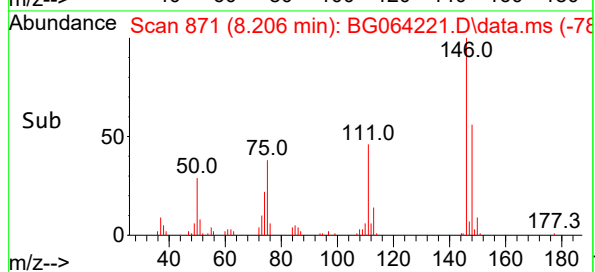
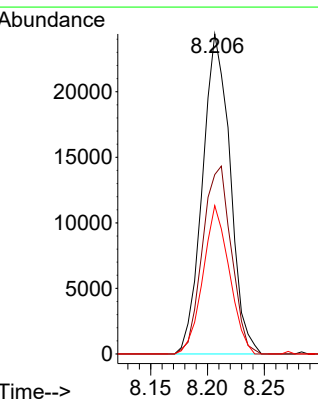
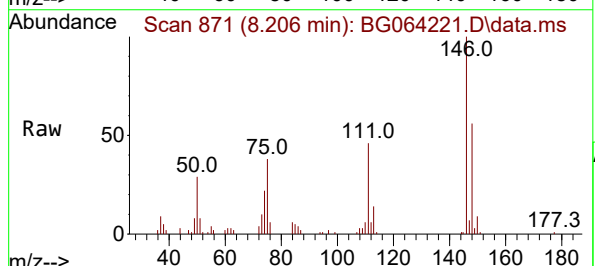
Tgt Ion:146 Resp: 41178

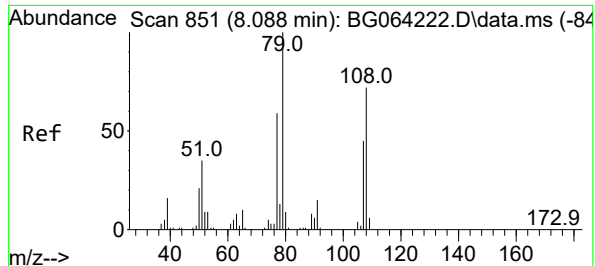
Ion Ratio Lower Upper

146 100

148 56.0 53.4 80.0

111 46.4 39.1 58.7





#15

Benzyl Alcohol

Concen: 20.320 ng

RT: 8.095 min Scan# 80

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 4005

Ion Ratio Lower Upper

79 100

108 70.8 57.4 86.0

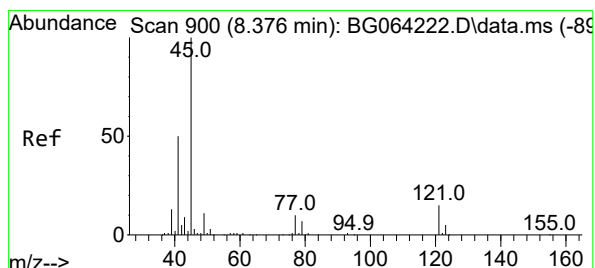
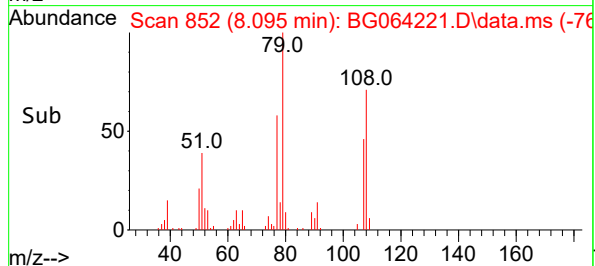
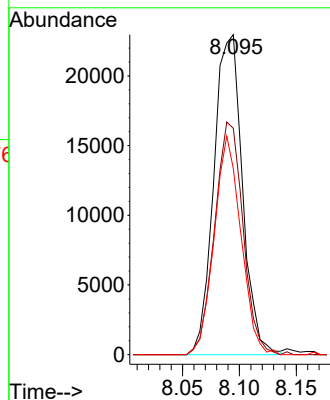
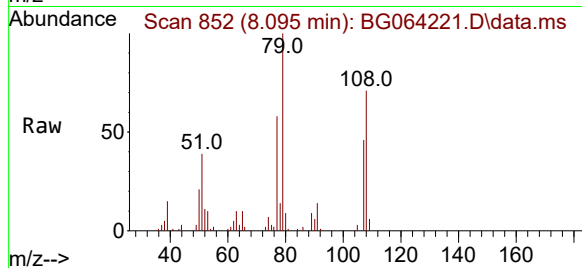
77 58.2 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.566 ng

RT: 8.377 min Scan# 900

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

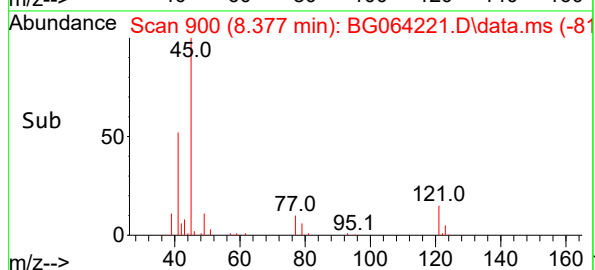
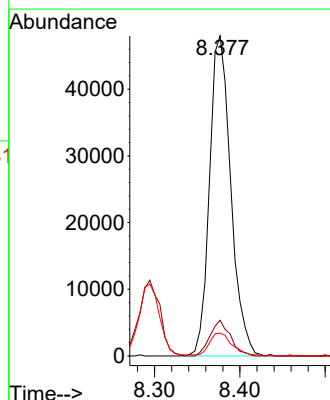
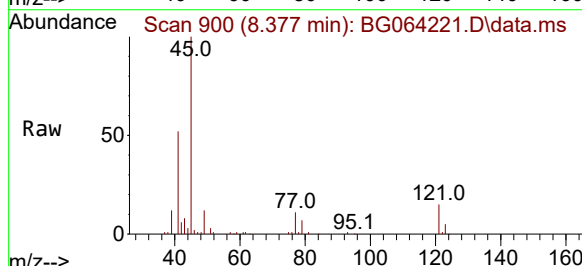
Tgt Ion: 45 Resp: 83088

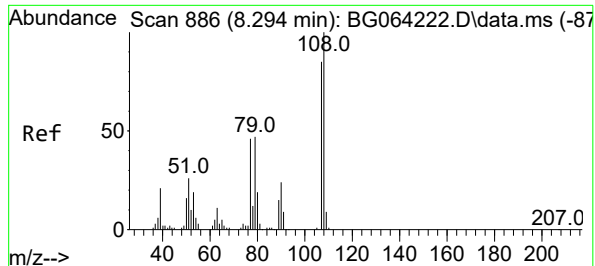
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 7.1 0.0 27.9





#17

2-Methylphenol

Concen: 21.436 ng

RT: 8.294 min Scan# 886

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

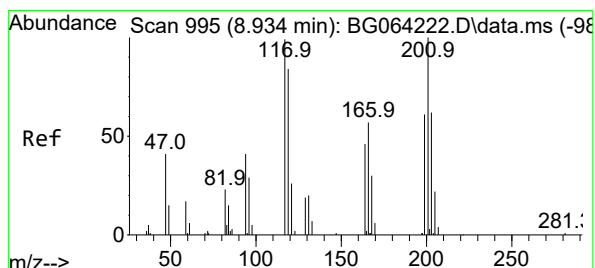
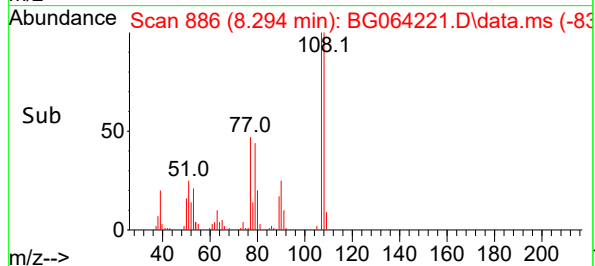
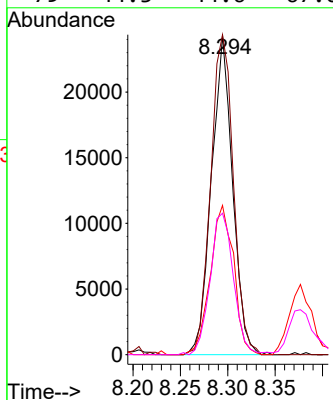
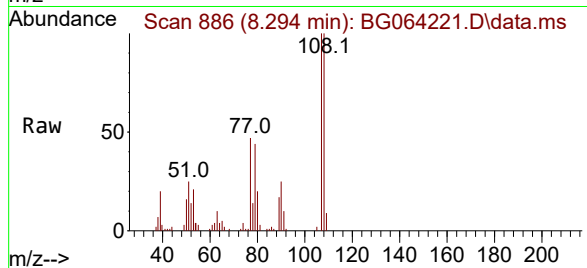
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 3762  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 100.2 | 94.6  | 141.8 |
| 77       | 46.8  | 43.7  | 65.5  |
| 79       | 44.3  | 44.6  | 67.0  |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 20.121 ng

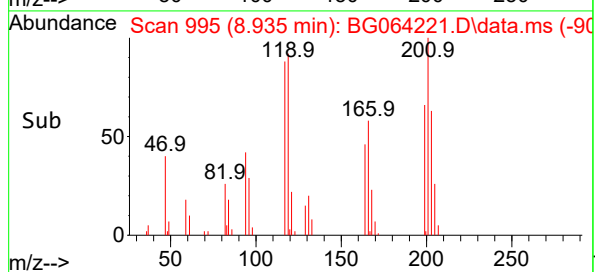
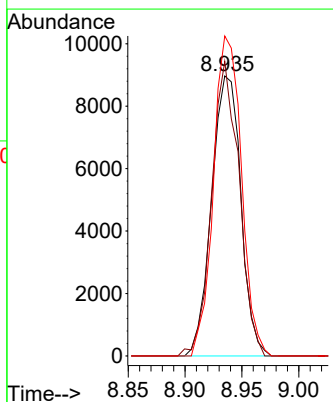
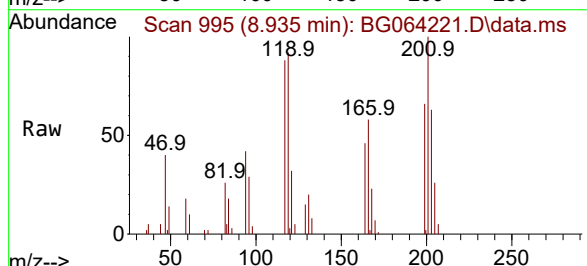
RT: 8.935 min Scan# 995

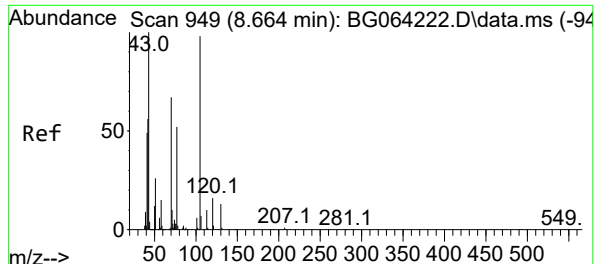
Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 16021 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 105.2 | 67.9  | 101.9 |
| 201      | 114.3 | 80.5  | 120.7 |





#19

n-Nitroso-di-n-propylamine

Concen: 21.139 ng

RT: 8.659 min Scan# 948

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 34550

Ion Ratio Lower Upper

70 100

42 87.6 67.9 101.9

101 11.8 7.3 10.9

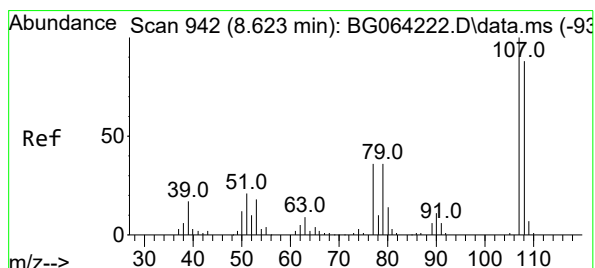
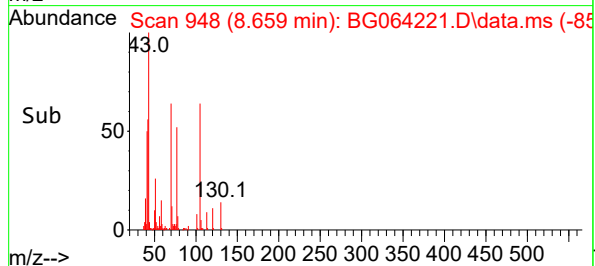
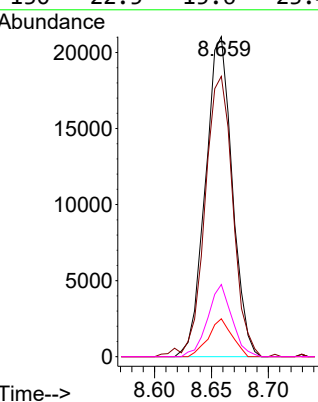
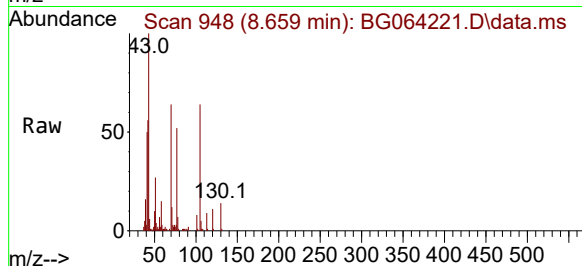
130 22.5 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 20.187 ng

RT: 8.623 min Scan# 942

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Tgt Ion:107 Resp: 49230

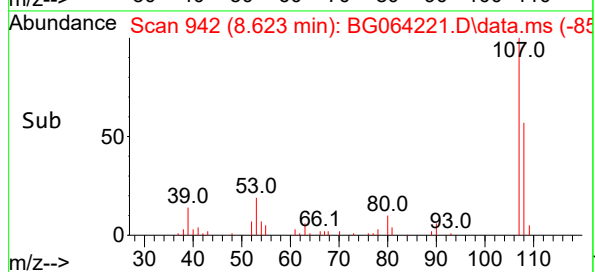
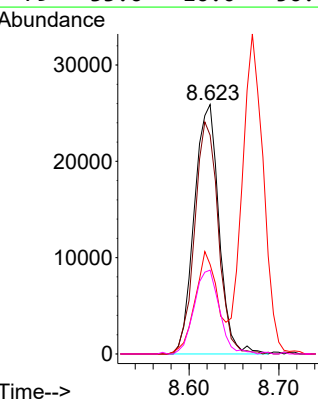
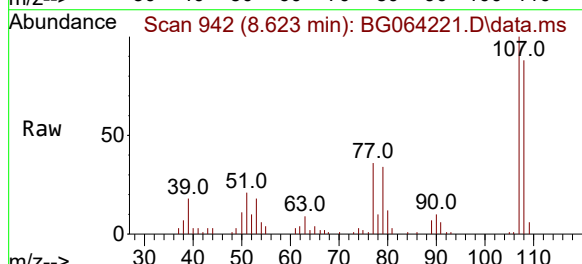
Ion Ratio Lower Upper

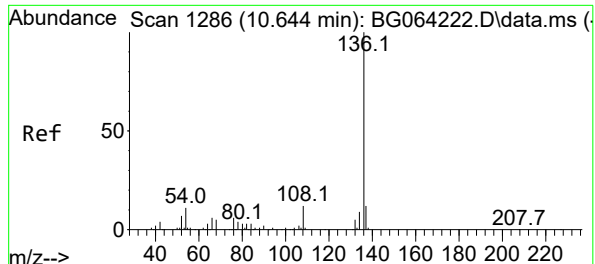
107 100

108 87.6 68.1 108.1

77 35.8 15.9 55.9

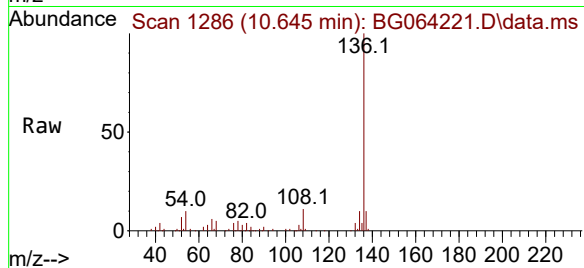
79 33.6 16.0 56.0





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.645 min Scan# 1286  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

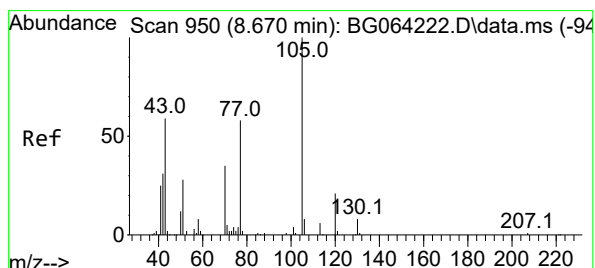
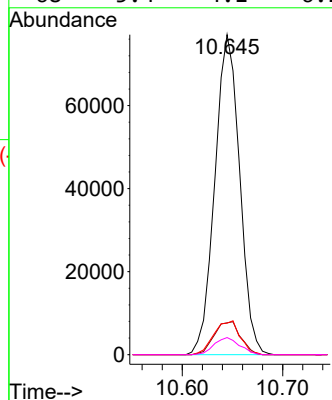
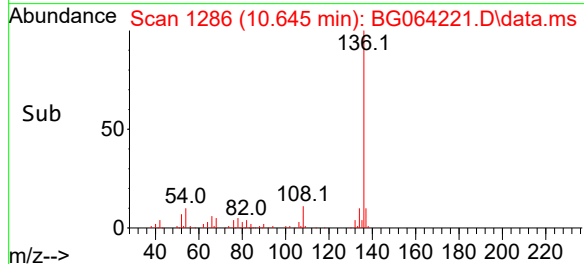
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:136 Resp: 132210  
Ion Ratio Lower Upper  
136 100  
137 9.9 9.6 14.4  
54 9.8 8.8 13.2  
68 5.4 4.1 6.1

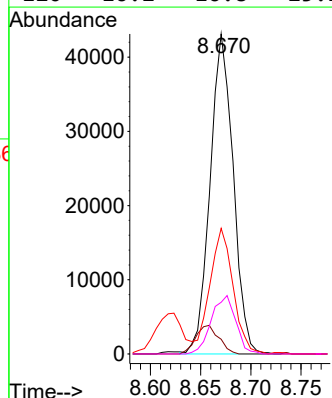
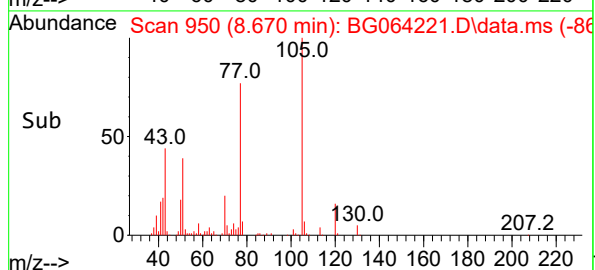
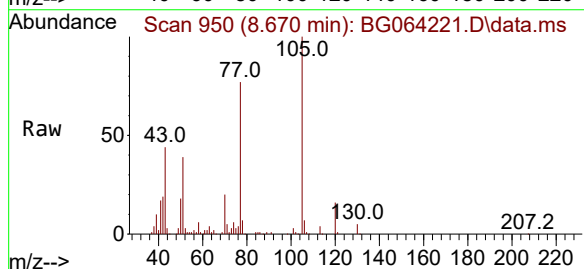
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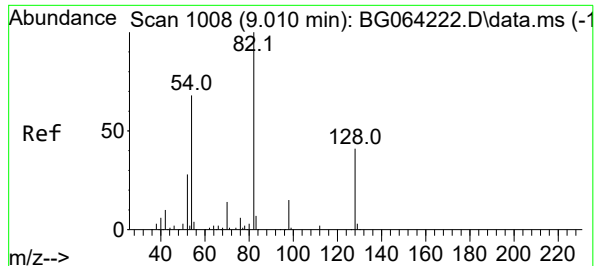
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#22  
Acetophenone  
Concen: 20.637 ng  
RT: 8.670 min Scan# 950  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:105 Resp: 69031  
Ion Ratio Lower Upper  
105 100  
71 4.6 4.3 6.5  
51 39.3 32.4 48.6  
120 16.2 16.8 25.2#





#23

Nitrobenzene-d5

Concen: 41.282 ng

RT: 9.005 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 97869

Ion Ratio Lower Upper

82 100

128 39.4 32.6 48.8

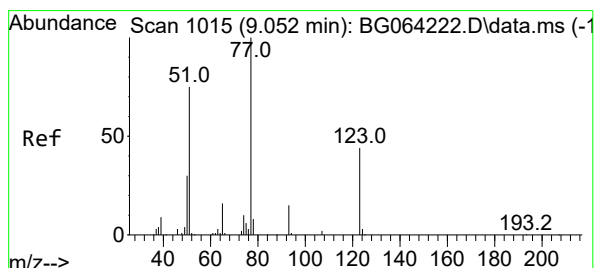
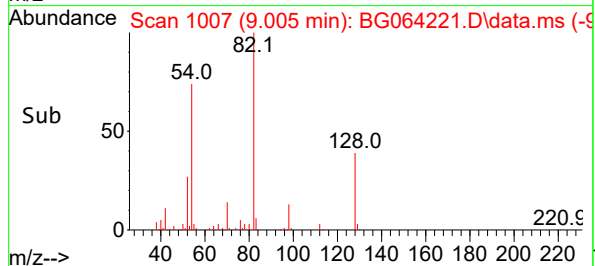
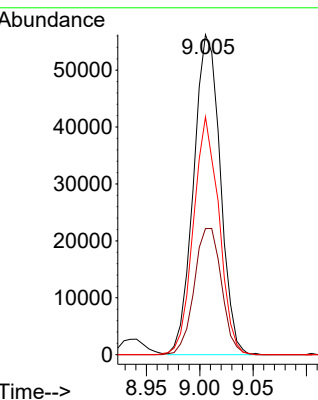
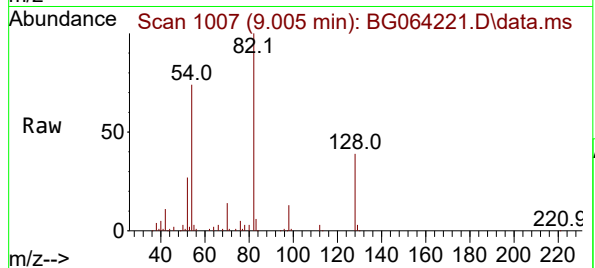
54 74.3 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 21.022 ng

RT: 9.052 min Scan# 1015

Delta R.T. -0.005 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

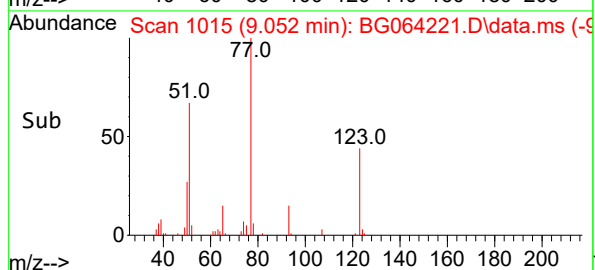
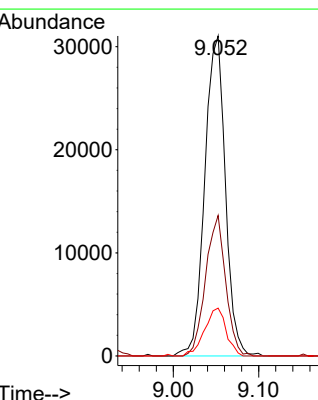
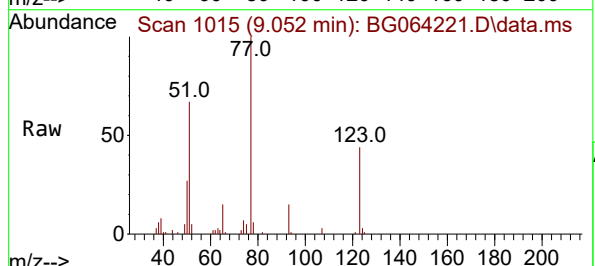
Tgt Ion: 77 Resp: 52070

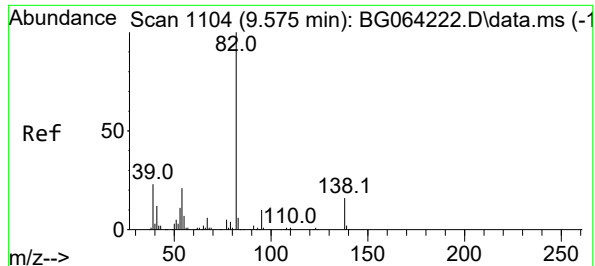
Ion Ratio Lower Upper

77 100

123 43.9 35.2 52.8

65 15.0 12.6 19.0





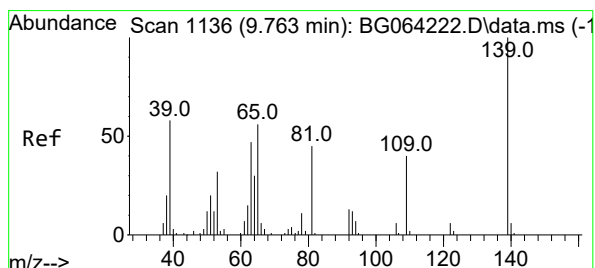
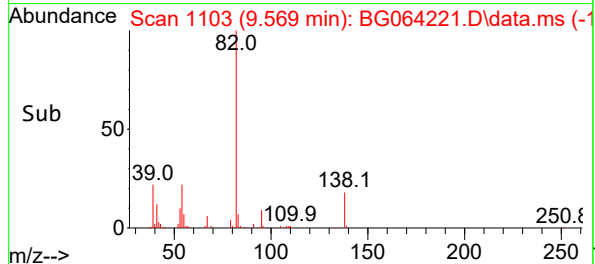
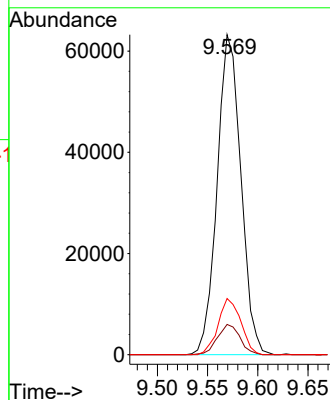
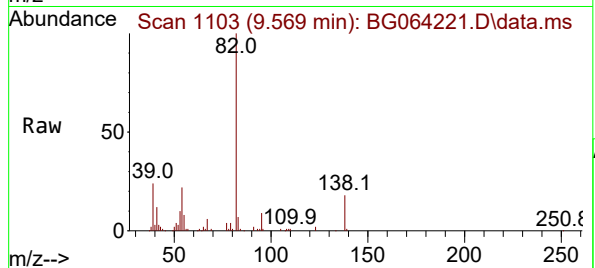
#25  
Isophorone  
Concen: 21.118 ng  
RT: 9.569 min Scan# 1103  
Delta R.T. -0.017 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020

Tgt Ion: 82 Resp: 104049  
Ion Ratio Lower Upper  
82 100  
95 9.4 7.9 11.9  
138 17.5 13.0 19.4

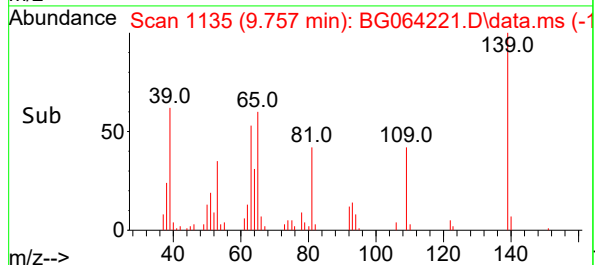
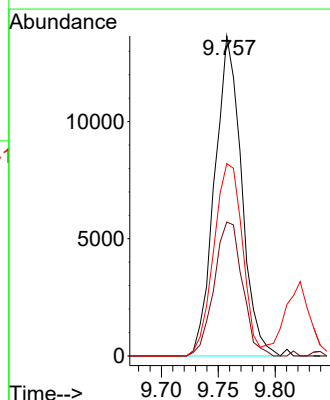
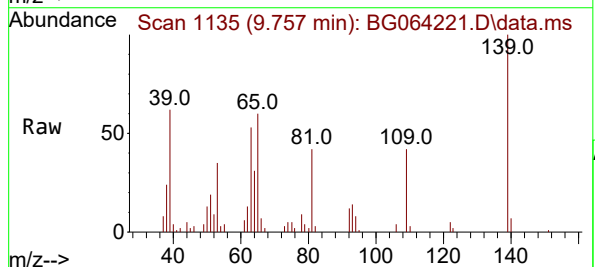
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Supervised By :Jagrut Upadhyay 08/29/2025

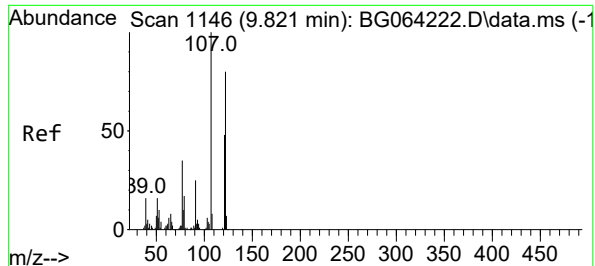


#26  
2-Nitrophenol  
Concen: 20.893 ng  
RT: 9.757 min Scan# 1135  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:139 Resp: 22361  
Ion Ratio Lower Upper  
139 100  
109 41.8 32.4 48.6  
65 60.1 44.6 67.0







#27

2,4-Dimethylphenol

Concen: 21.097 ng

RT: 9.822 min Scan# 1146

Delta R.T. -0.005 min

Lab File: BG064221.D

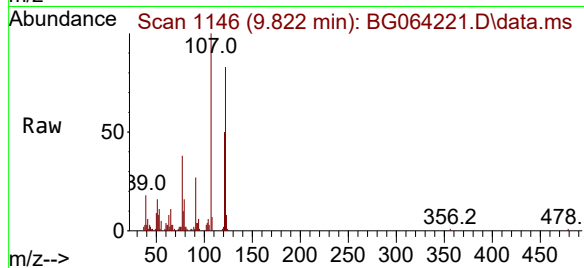
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020



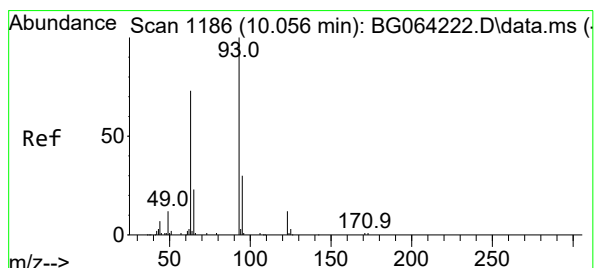
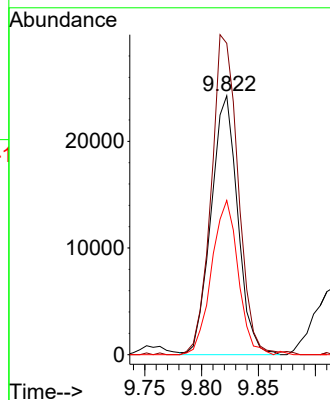
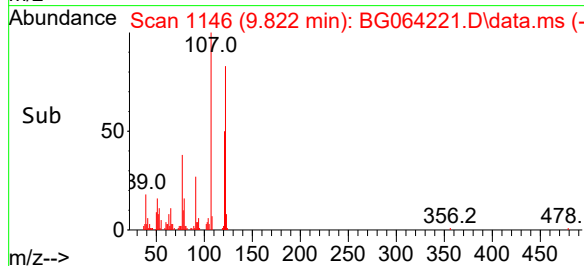
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 3964  |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 120.2 | 99.9  | 149.9 |
| 121      | 59.6  | 48.6  | 72.8  |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

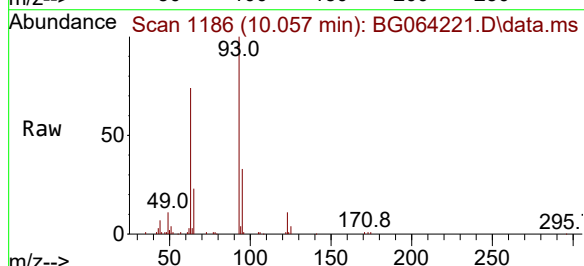
Concen: 20.758 ng

RT: 10.057 min Scan# 1186

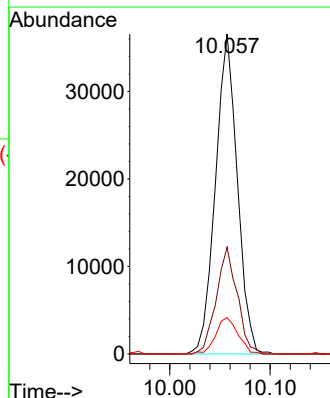
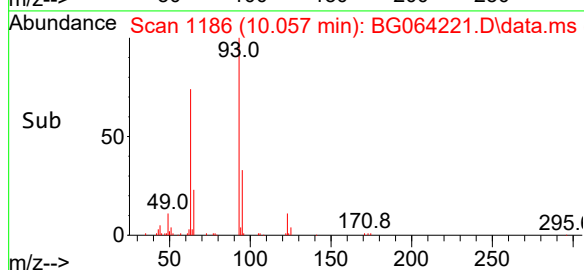
Delta R.T. -0.005 min

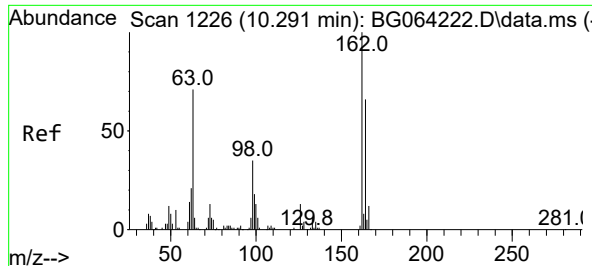
Lab File: BG064221.D

Acq: 28 Aug 2025 12:53



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 55148 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 33.3  | 23.9  | 35.9  |
| 123      | 11.4  | 9.6   | 14.4  |





#29

2,4-Dichlorophenol

Concen: 21.248 ng

RT: 10.292 min Scan# 1226

Delta R.T. -0.005 min

Lab File: BG064221.D

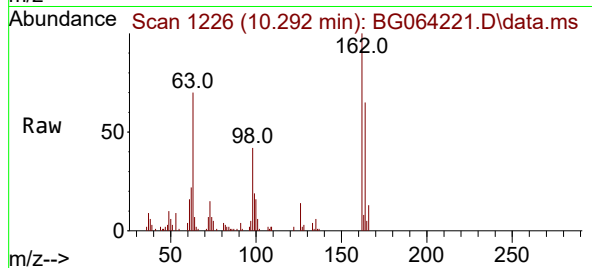
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 42128

Ion Ratio Lower Upper

162 100

164 65.4 45.8 85.8

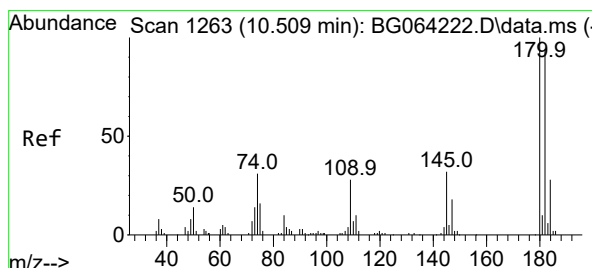
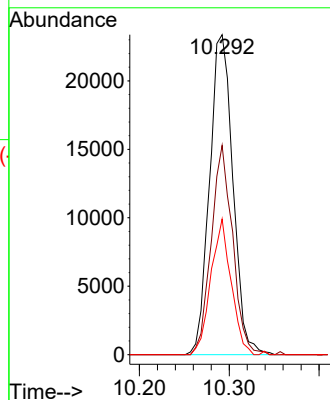
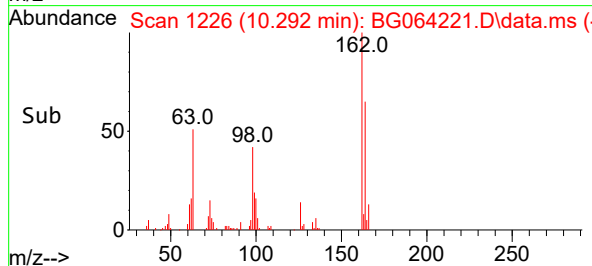
98 42.4 15.2 55.2

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

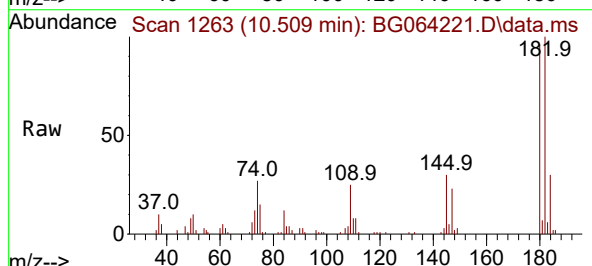
Concen: 20.681 ng

RT: 10.509 min Scan# 1263

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53



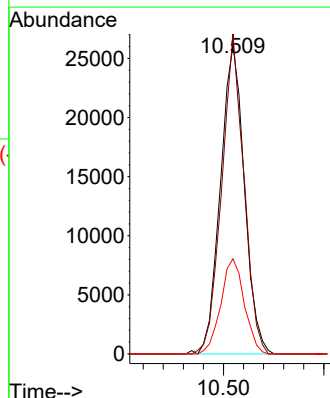
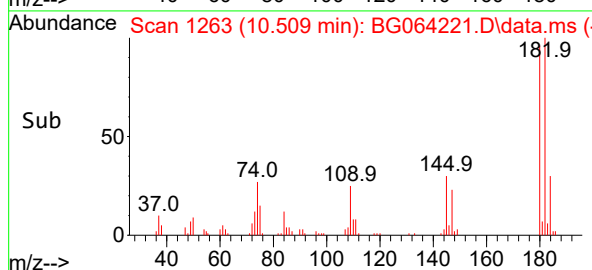
Tgt Ion:180 Resp: 43234

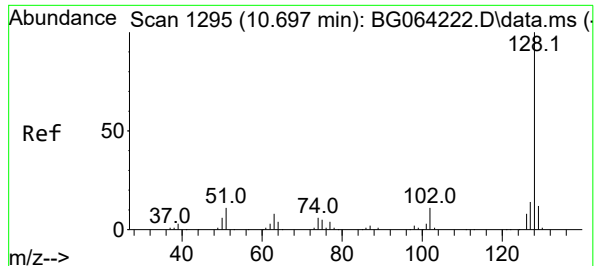
Ion Ratio Lower Upper

180 100

182 103.8 75.0 112.6

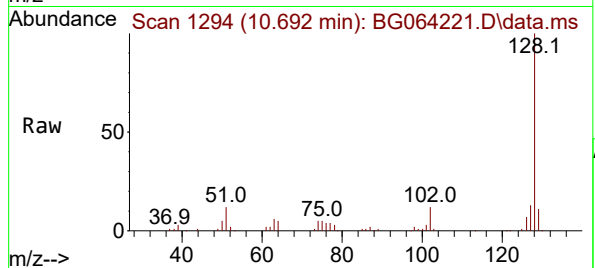
145 30.9 25.4 38.0





#31  
Naphthalene  
Concen: 20.772 ng  
RT: 10.692 min Scan# 1164  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

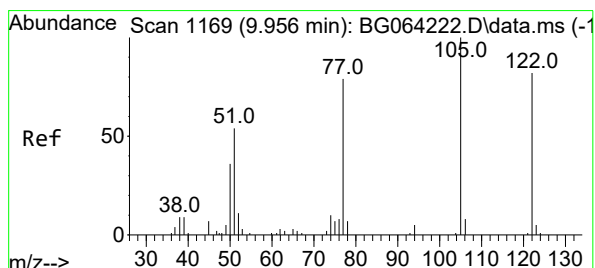
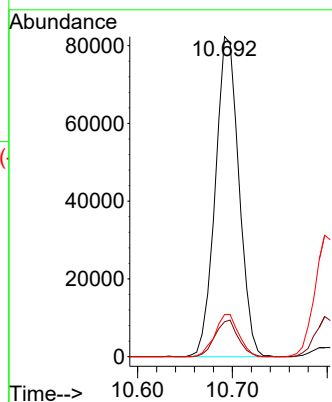
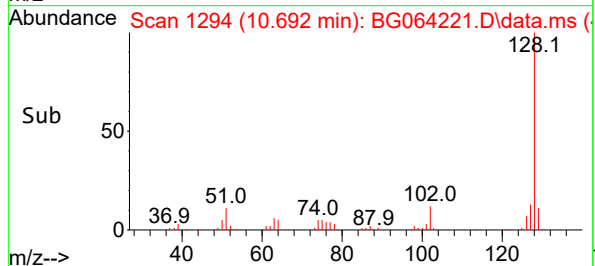
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:128 Resp: 142418  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.4 14.2  
127 13.1 10.9 16.3

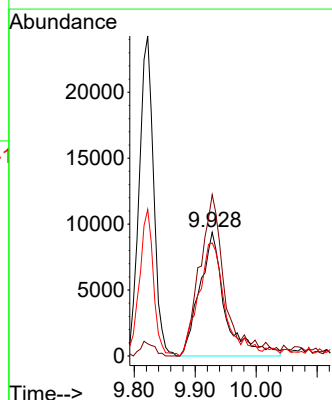
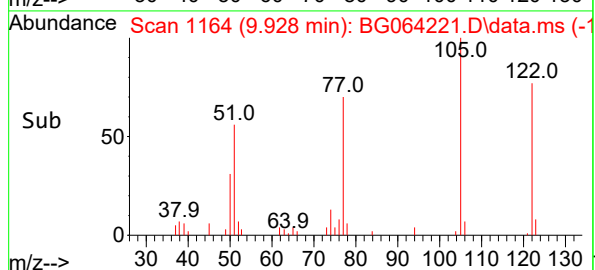
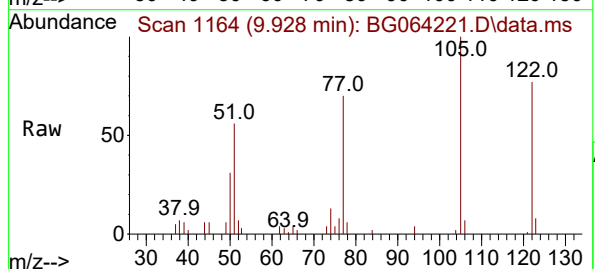
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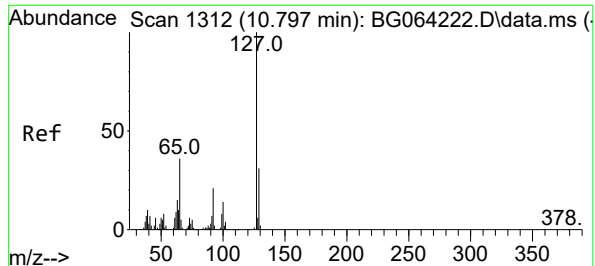
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#32  
Benzoic acid  
Concen: 18.237 ng  
RT: 9.928 min Scan# 1164  
Delta R.T. -0.088 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:122 Resp: 27202  
Ion Ratio Lower Upper  
122 100  
105 130.4 98.5 138.5  
77 91.2 74.6 114.6





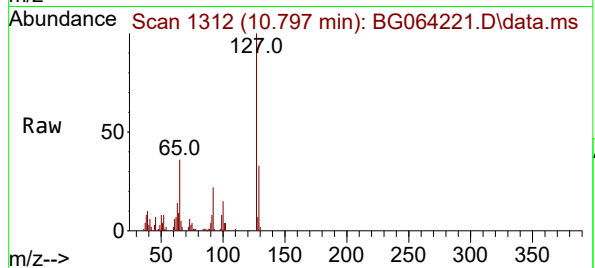
#33  
4-Chloroaniline  
Concen: 20.588 ng  
RT: 10.797 min Scan# 1312  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

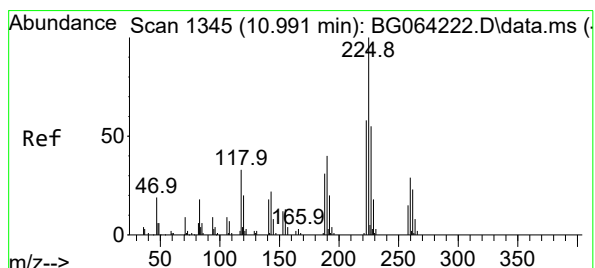
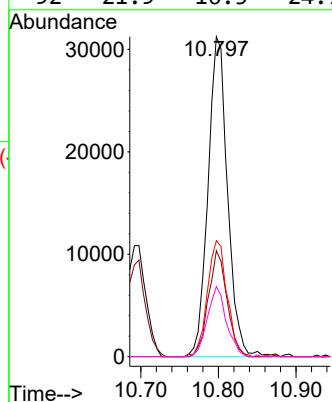
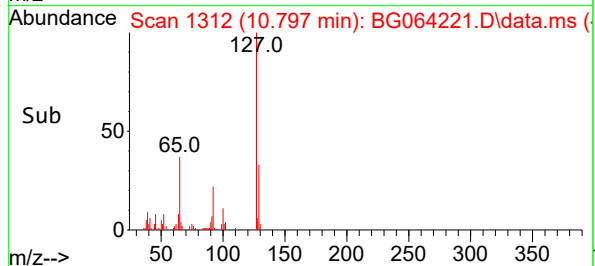


Tgt Ion:127 Resp: 54708  
Ion Ratio Lower Upper  
127 100  
129 33.1 25.0 37.4  
65 36.3 28.7 43.1  
92 21.9 16.5 24.7

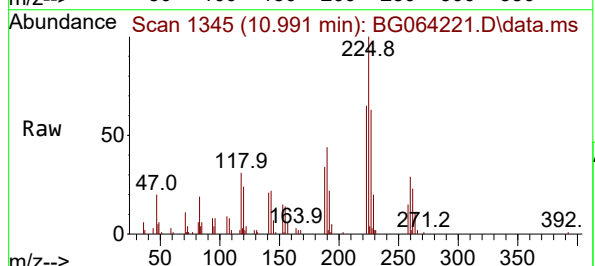
Manual Integrations

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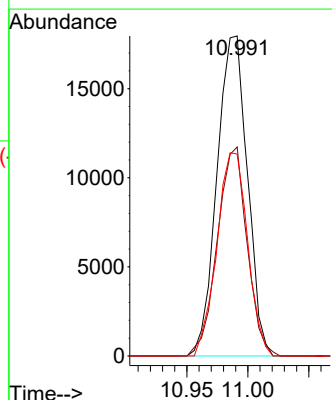
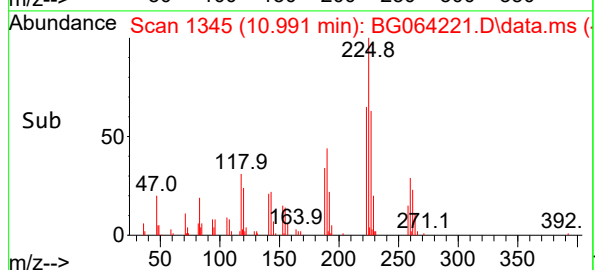
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

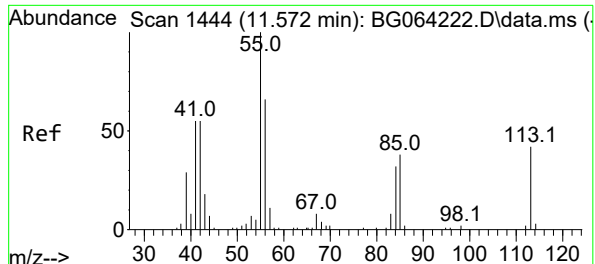


#34  
Hexachlorobutadiene  
Concen: 20.163 ng  
RT: 10.991 min Scan# 1345  
Delta R.T. 0.001 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53



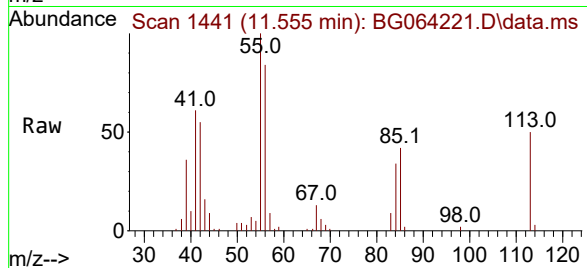
Tgt Ion:225 Resp: 31157  
Ion Ratio Lower Upper  
225 100  
223 62.6 46.5 69.7  
227 63.2 44.1 66.1





#35  
Caprolactam  
Concen: 22.239 ng  
RT: 11.555 min Scan# 1441  
Delta R.T. -0.047 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

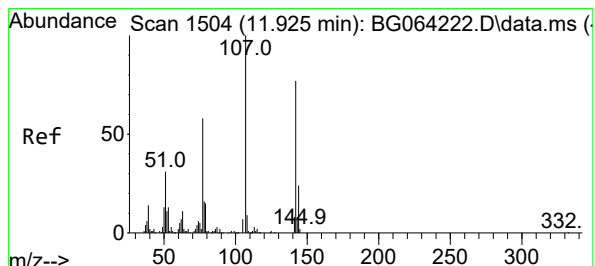
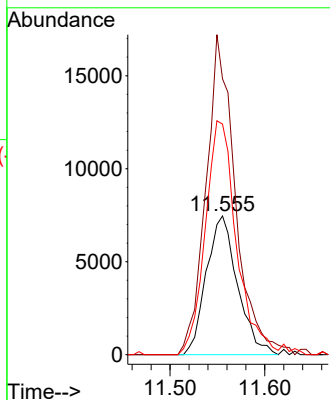
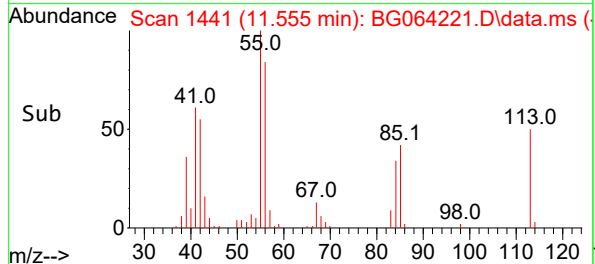
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:113 Resp: 1707  
Ion Ratio Lower Upper  
113 100  
55 198.9 218.5 258.5  
56 166.3 138.5 178.5

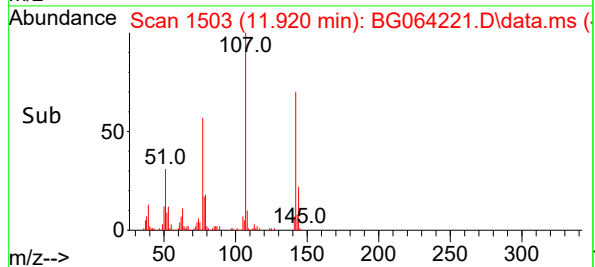
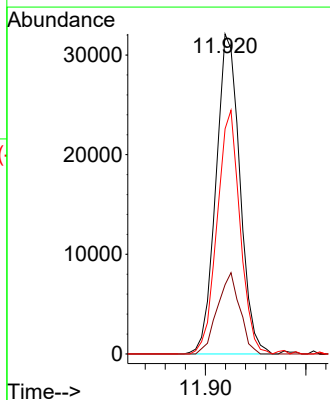
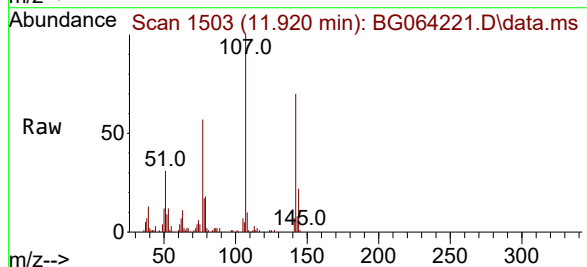
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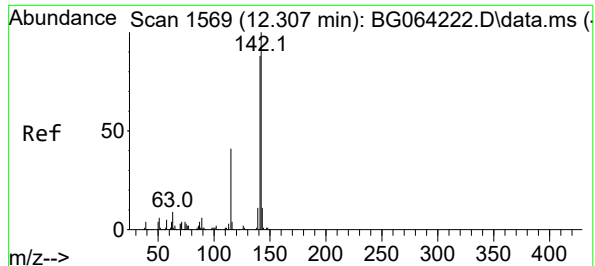
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#36  
4-Chloro-3-methylphenol  
Concen: 20.657 ng  
RT: 11.920 min Scan# 1503  
Delta R.T. -0.011 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

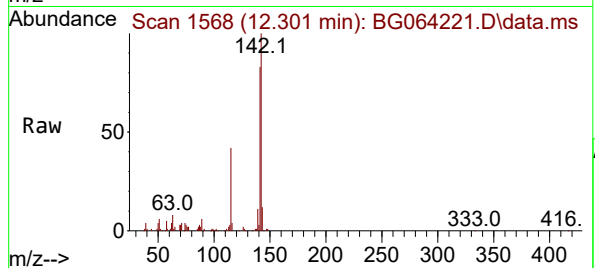
Tgt Ion:107 Resp: 53139  
Ion Ratio Lower Upper  
107 100  
144 21.7 19.5 29.3  
142 70.4 62.0 93.0





#37  
2-Methylnaphthalene  
Concen: 21.550 ng  
RT: 12.301 min Scan# 1568  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

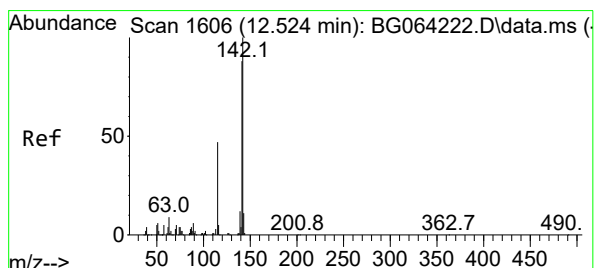
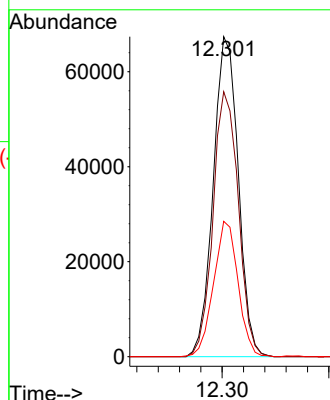
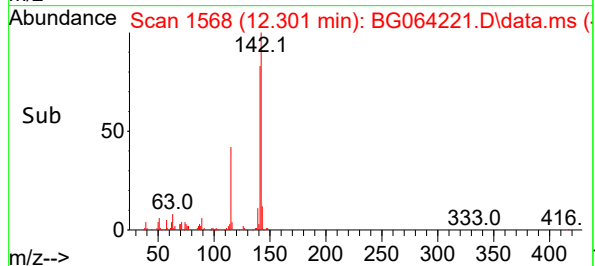
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:142 Resp: 10982  
Ion Ratio Lower Upper  
142 100  
141 82.8 70.1 105.1  
115 42.3 33.1 49.7

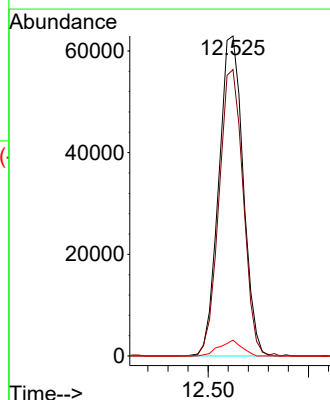
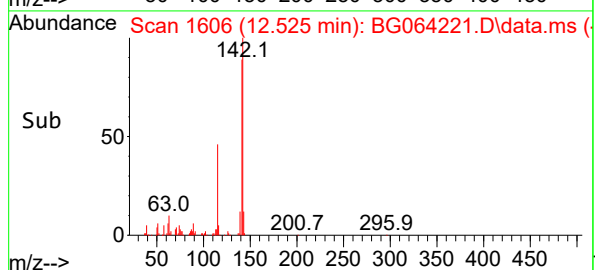
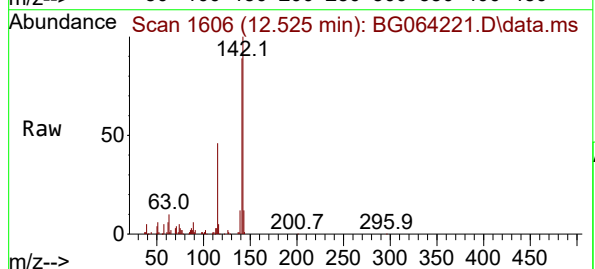
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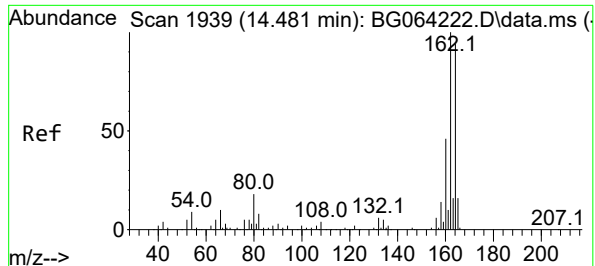
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#38  
1-Methylnaphthalene  
Concen: 21.031 ng  
RT: 12.525 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

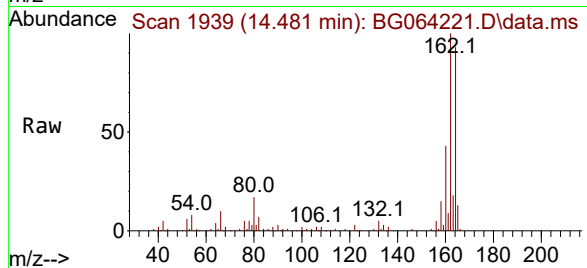
Tgt Ion:142 Resp: 105864  
Ion Ratio Lower Upper  
142 100  
141 89.5 70.3 105.5  
116 4.9 3.7 5.5





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.481 min Scan# 1939  
Delta R.T. 0.000 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

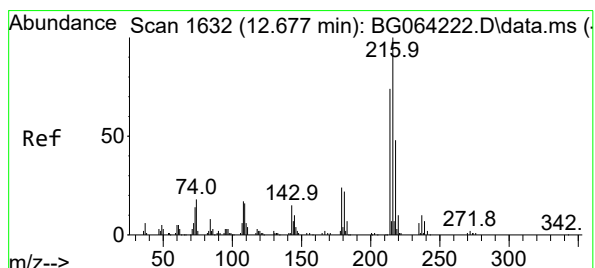
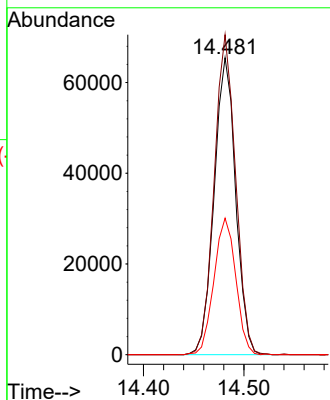
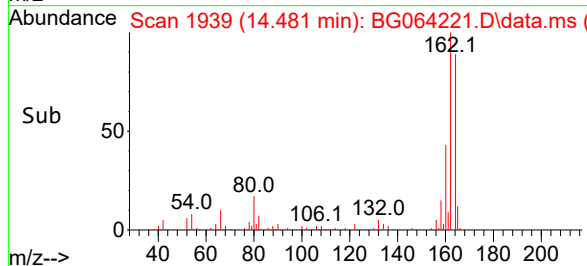
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:164 Resp: 97594  
Ion Ratio Lower Upper  
164 100  
162 107.8 85.4 128.0  
160 46.0 39.2 58.8

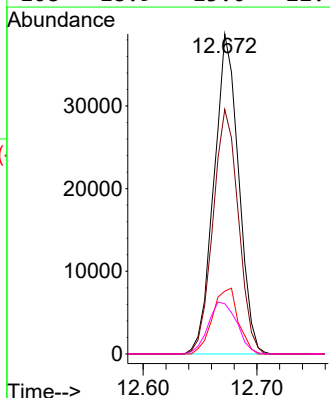
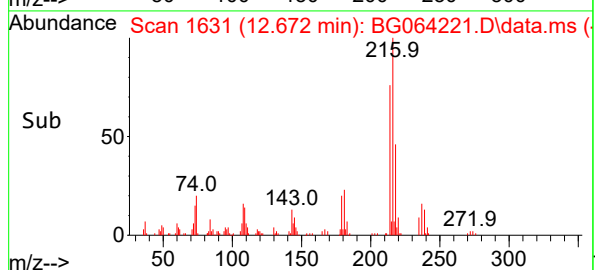
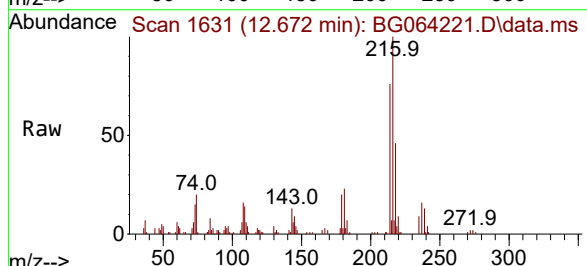
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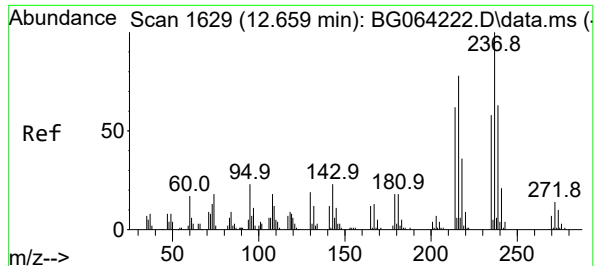
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 20.687 ng  
RT: 12.672 min Scan# 1631  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:216 Resp: 58253  
Ion Ratio Lower Upper  
216 100  
214 78.5 61.9 92.9  
179 21.4 17.9 26.9  
108 18.9 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 18.680 ng

RT: 12.660 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

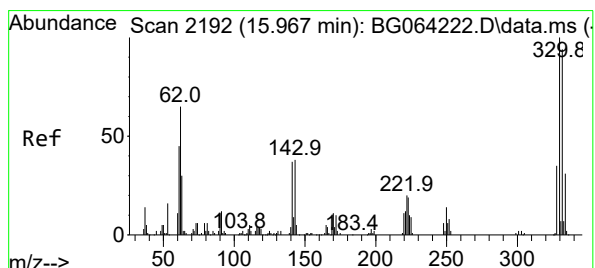
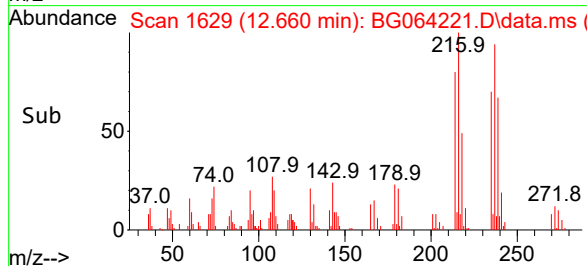
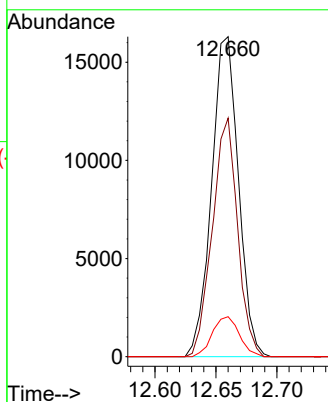
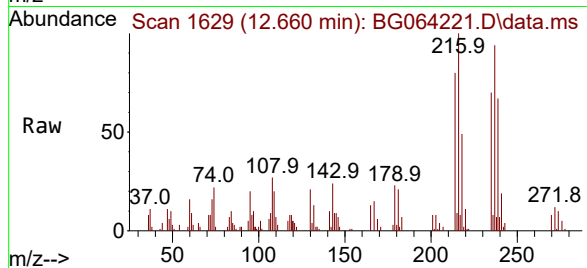
SSTDICC020

Tgt Ion:237 Resp: 24999  
Ion Ratio Lower Upper  
237 100  
235 74.5 37.9 77.9  
272 12.5 0.0 33.8

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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#42

2,4,6-Tribromophenol

Concen: 40.942 ng

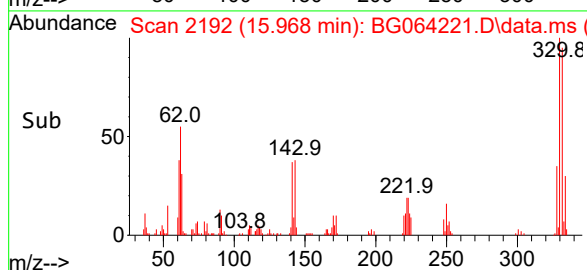
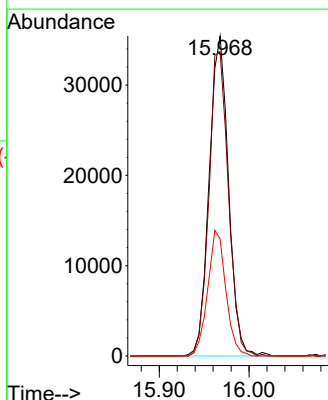
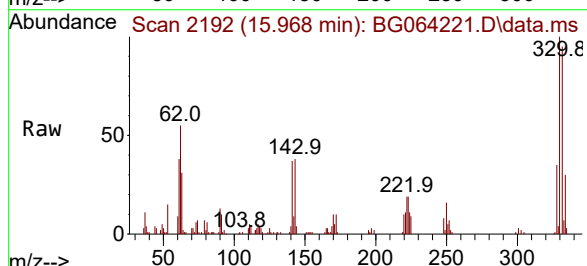
RT: 15.968 min Scan# 2192

Delta R.T. -0.005 min

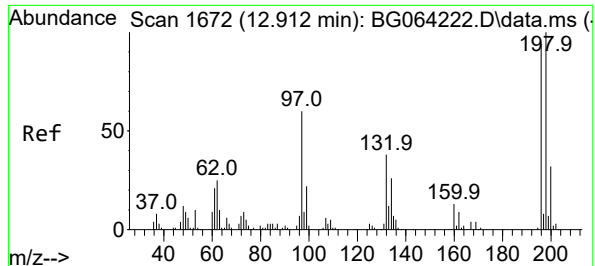
Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Tgt Ion:330 Resp: 52925  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.6 116.4  
141 36.9 29.8 44.6







#43

2,4,6-Trichlorophenol

Concen: 20.765 ng

RT: 12.913 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 3908

Ion Ratio Lower Upper

196 100

198 99.3 85.4 128.2

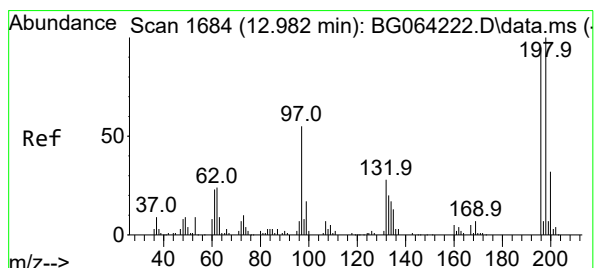
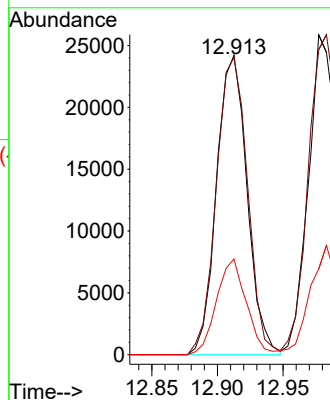
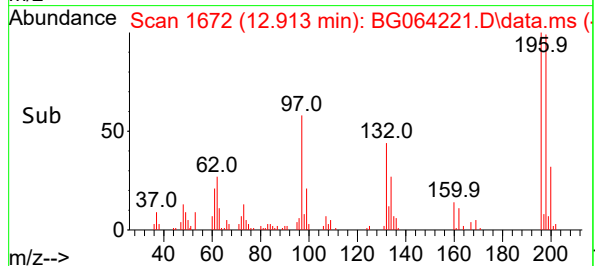
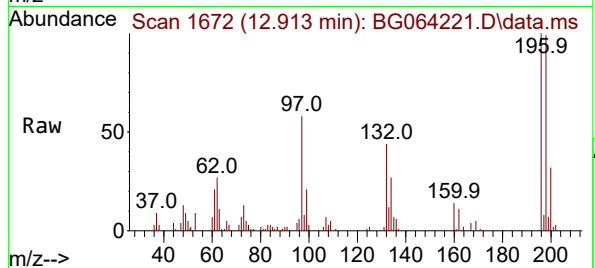
200 31.9 27.3 40.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 20.878 ng

RT: 12.977 min Scan# 1683

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Tgt Ion:196 Resp: 42626

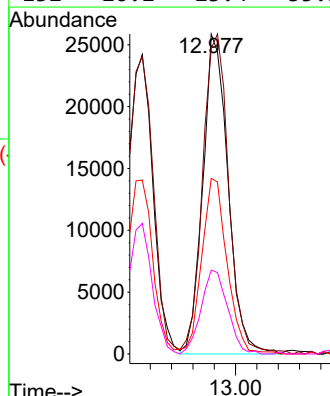
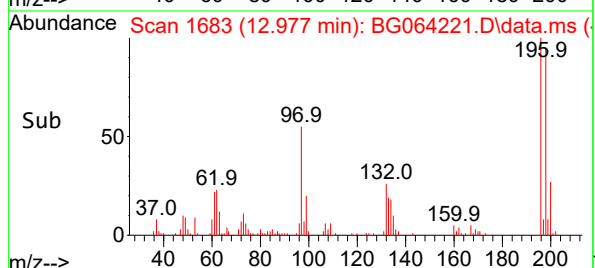
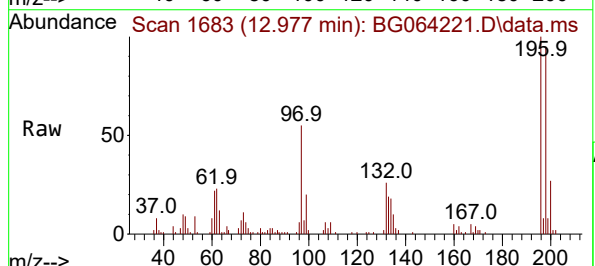
Ion Ratio Lower Upper

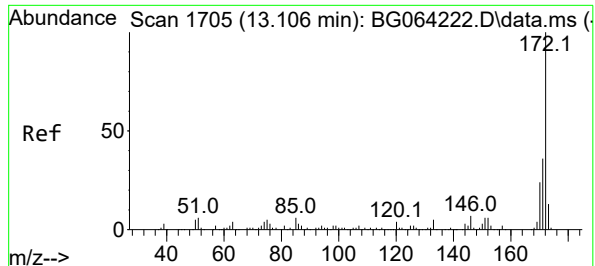
196 100

198 95.4 84.5 126.7

97 54.9 46.8 70.2

132 26.2 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 41.465 ng

RT: 13.106 min Scan# 1705

Delta R.T. -0.005 min

Lab File: BG064221.D

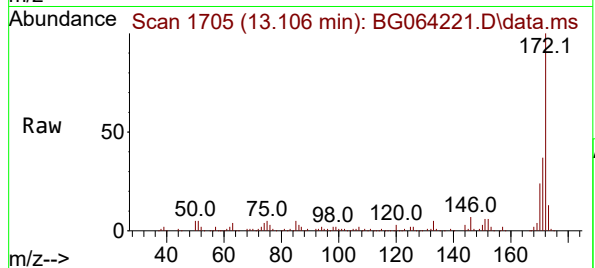
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020



Tgt Ion:172 Resp: 26512

Ion Ratio Lower Upper

172 100

171 36.5 28.7 43.1

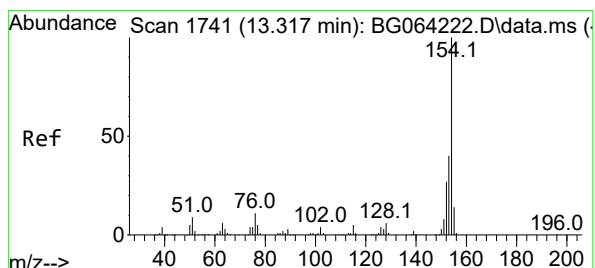
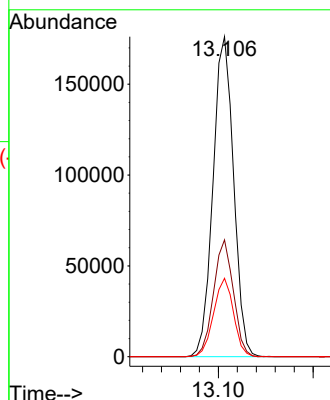
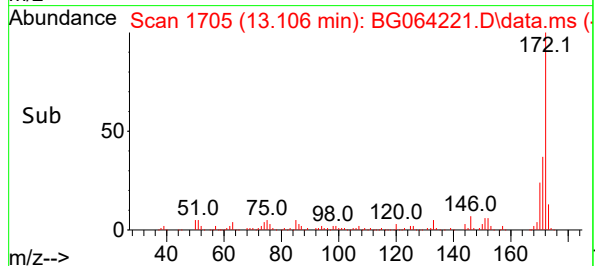
170 24.5 19.0 28.6

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

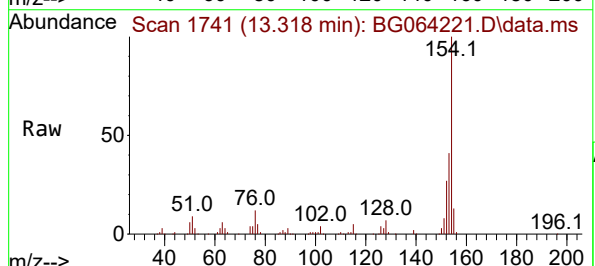
Concen: 20.425 ng

RT: 13.318 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53



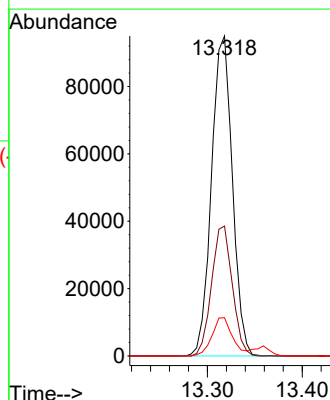
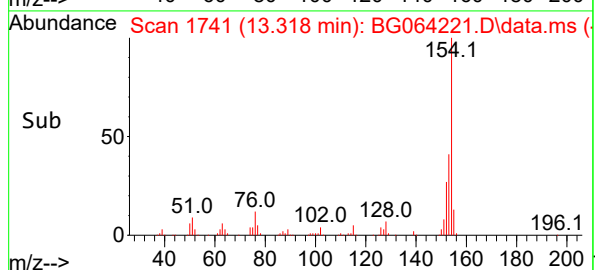
Tgt Ion:154 Resp: 145186

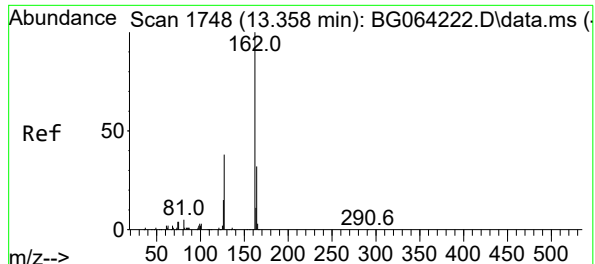
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

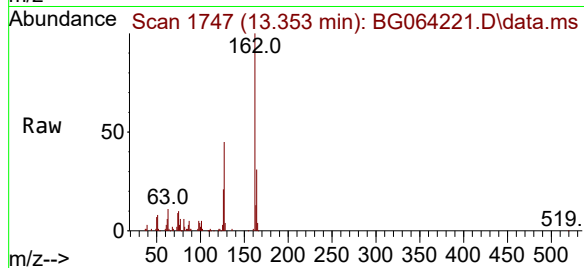
76 11.9 0.0 30.9





#47  
2-Chloronaphthalene  
Concen: 20.333 ng  
RT: 13.353 min Scan# 1747  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

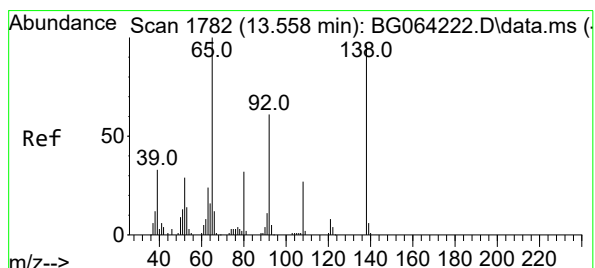
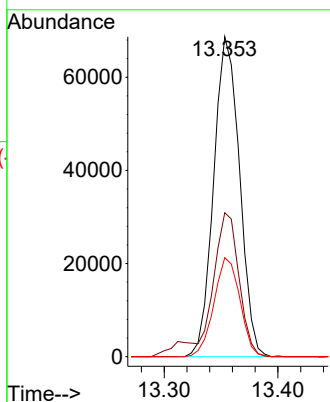
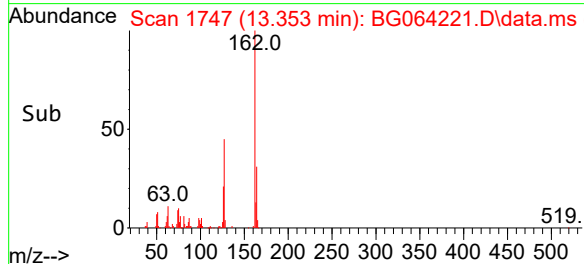
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:162 Resp: 108659  
Ion Ratio Lower Upper  
162 100  
127 45.0 33.9 50.9  
164 31.0 25.4 38.2

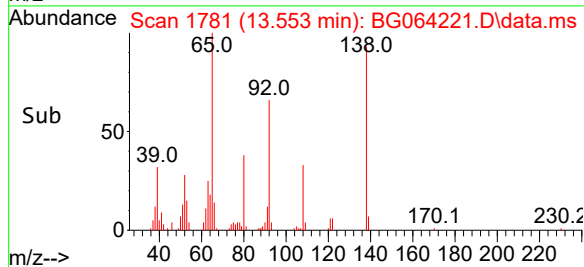
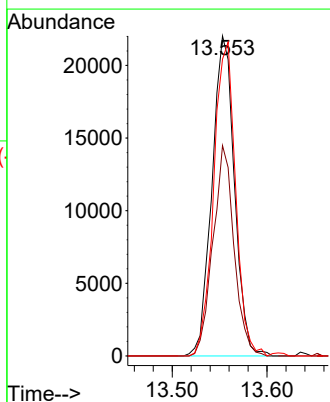
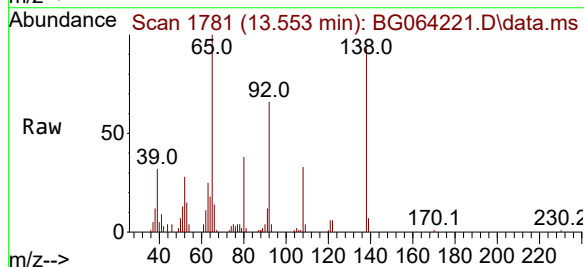
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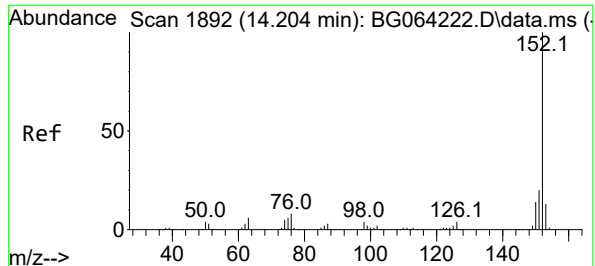
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#48  
2-Nitroaniline  
Concen: 19.927 ng  
RT: 13.553 min Scan# 1781  
Delta R.T. -0.011 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion: 65 Resp: 36296  
Ion Ratio Lower Upper  
65 100  
92 65.7 49.2 73.8  
138 92.8 76.8 115.2





#49

Acenaphthylene

Concen: 20.693 ng

RT: 14.199 min Scan# 1891

Delta R.T. -0.005 min

Lab File: BG064221.D

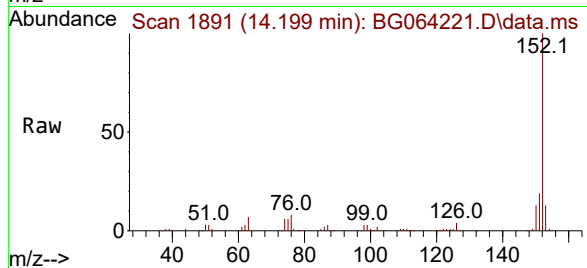
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 163464

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

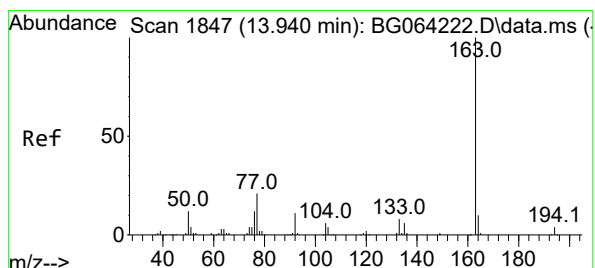
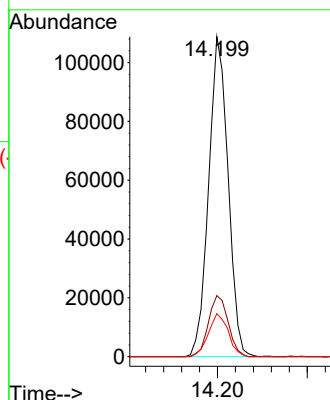
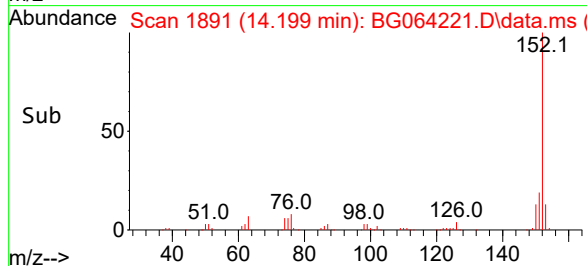
153 13.5 10.1 15.1

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

Concen: 20.731 ng

RT: 13.935 min Scan# 1846

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

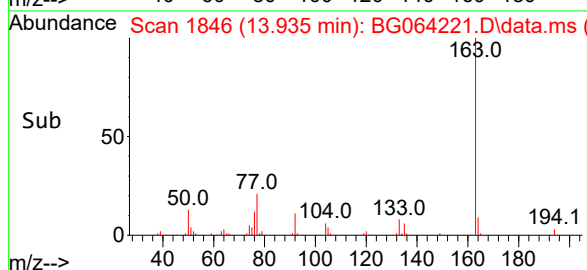
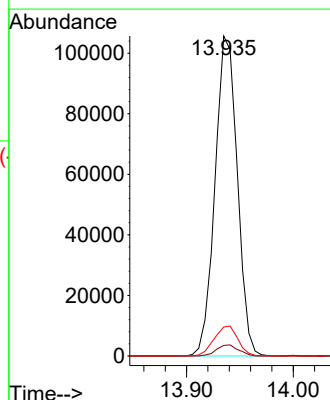
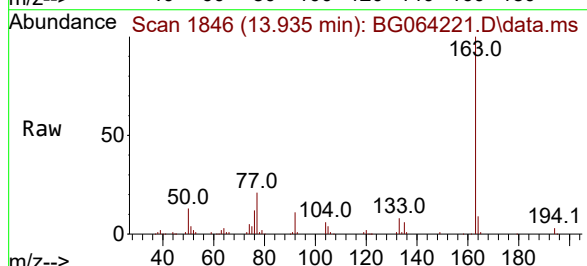
Tgt Ion:163 Resp: 153139

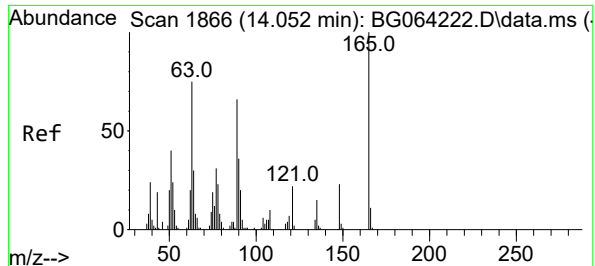
Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

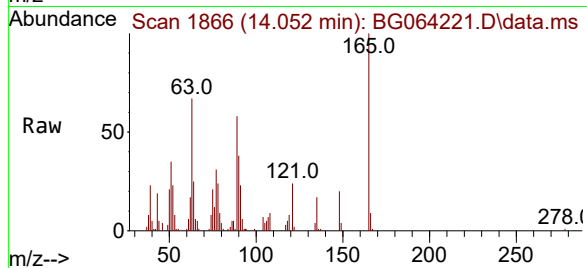
164 9.0 7.9 11.9





#51  
2,6-Dinitrotoluene  
Concen: 20.547 ng  
RT: 14.052 min Scan# 1866  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

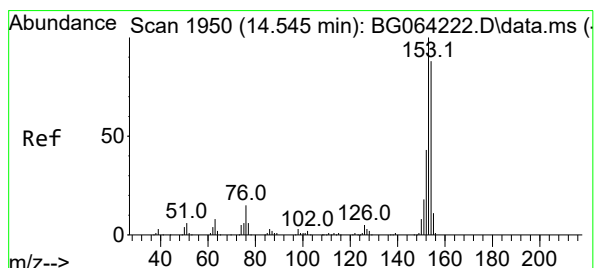
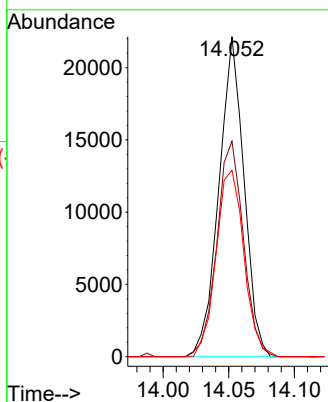
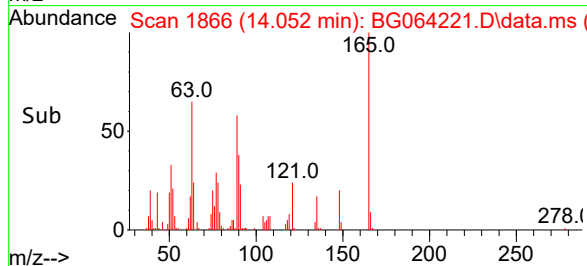
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:165 Resp: 29384  
Ion Ratio Lower Upper  
165 100  
63 67.4 60.3 90.5  
89 58.3 52.9 79.3

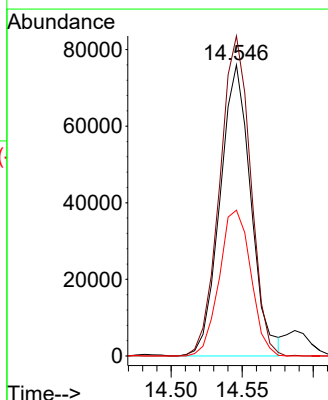
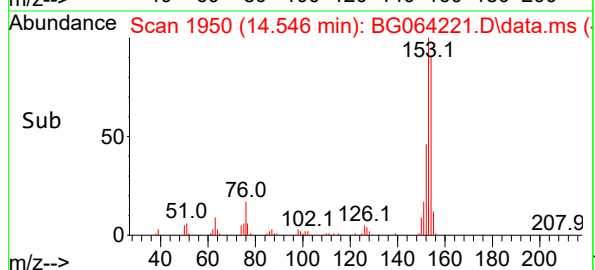
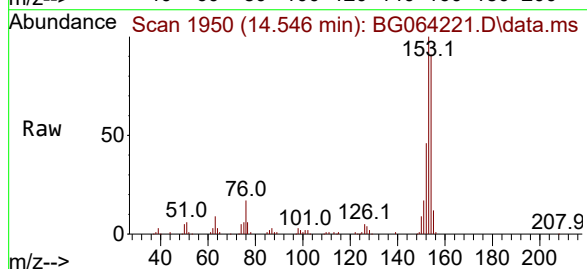
Manual Integrations  
APPROVED

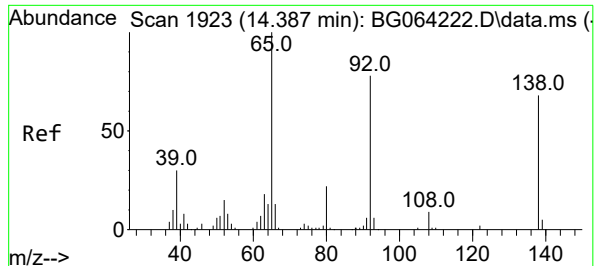
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#52  
Acenaphthene  
Concen: 20.562 ng  
RT: 14.546 min Scan# 1950  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:154 Resp: 114630  
Ion Ratio Lower Upper  
154 100  
153 109.9 91.1 136.7  
152 50.1 39.6 59.4





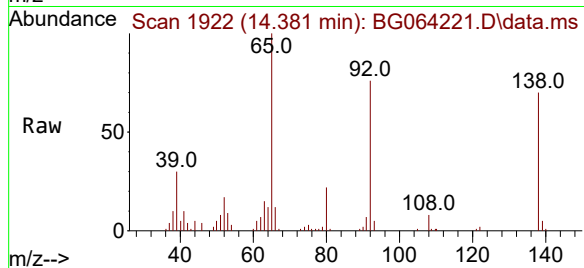
#53  
3-Nitroaniline  
Concen: 20.559 ng  
RT: 14.381 min Scan# 1922  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

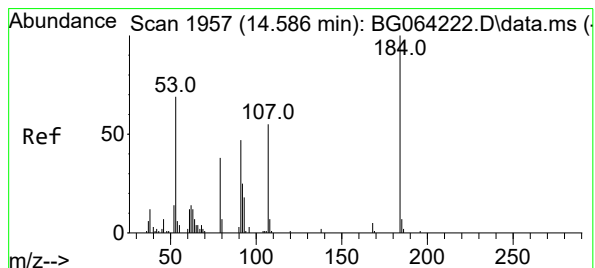
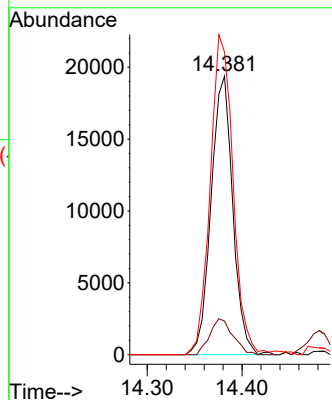
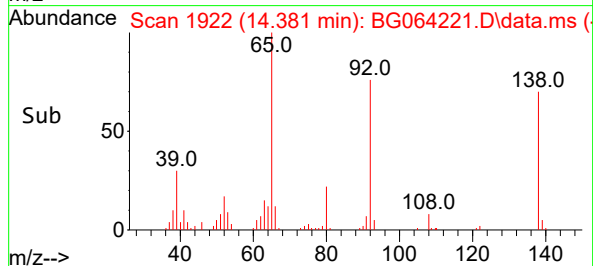


Tgt Ion:138 Resp: 30798  
Ion Ratio Lower Upper  
138 100  
108 13.6 11.0 16.6  
92 108.7 91.4 137.0

Manual Integrations

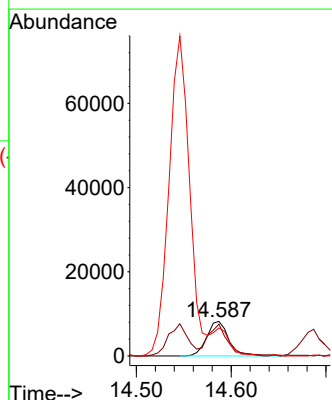
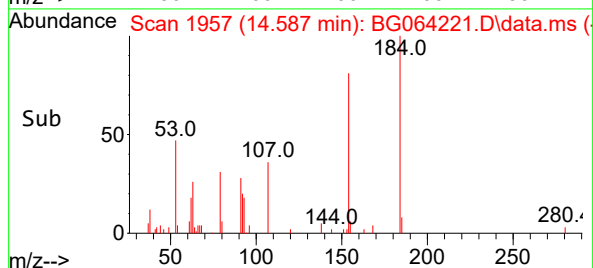
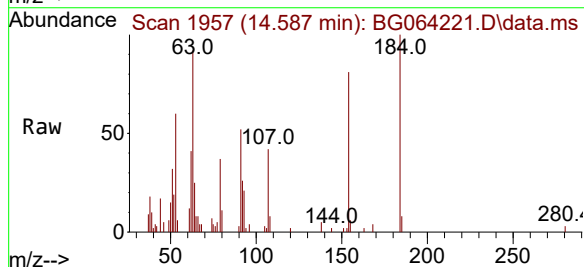
APPROVED

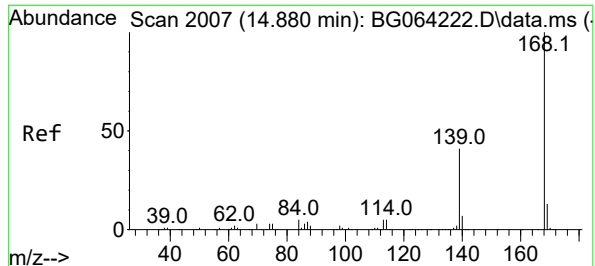
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#54  
2,4-Dinitrophenol  
Concen: 18.989 ng  
RT: 14.587 min Scan# 1957  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

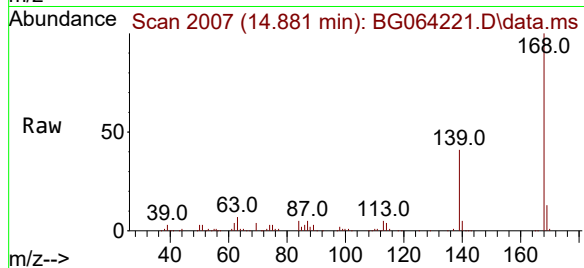
Tgt Ion:184 Resp: 13409  
Ion Ratio Lower Upper  
184 100  
63 92.4 60.1 90.1#  
154 81.0 59.8 89.8





#55  
Dibenzenofuran  
Concen: 20.478 ng  
RT: 14.881 min Scan# 2007  
Delta R.T. 0.000 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

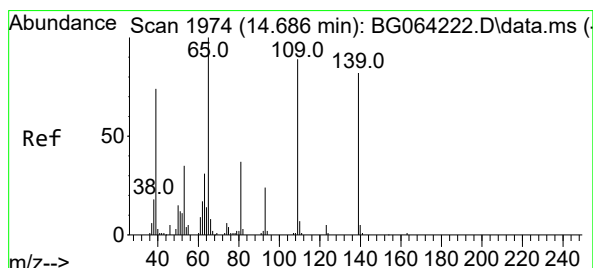
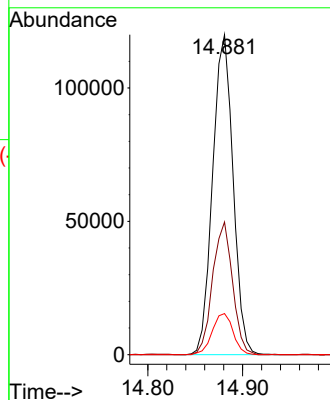
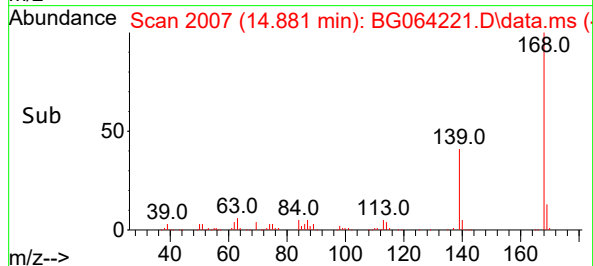
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:168 Resp: 17956  
Ion Ratio Lower Upper  
168 100  
139 41.5 33.2 49.8  
169 12.8 10.4 15.6

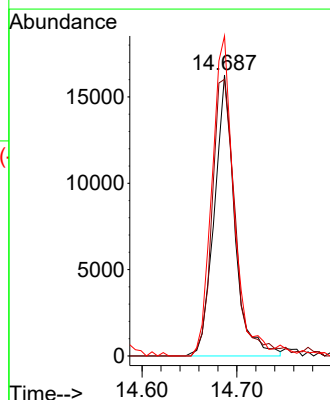
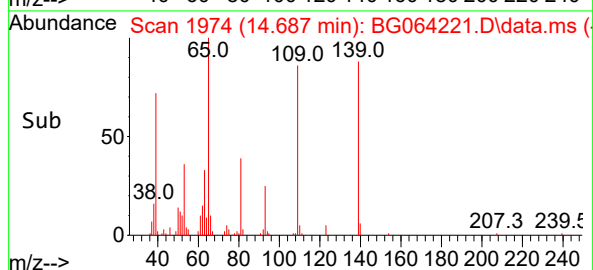
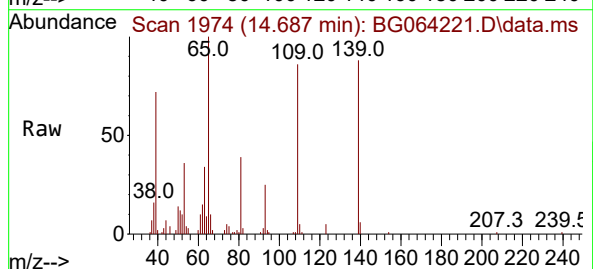
Manual Integrations  
APPROVED

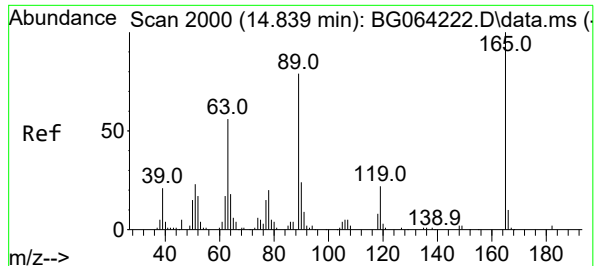
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#56  
4-Nitrophenol  
Concen: 19.853 ng  
RT: 14.687 min Scan# 1974  
Delta R.T. -0.011 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:139 Resp: 24395  
Ion Ratio Lower Upper  
139 100  
109 98.5 89.1 129.1  
65 113.9 102.9 142.9





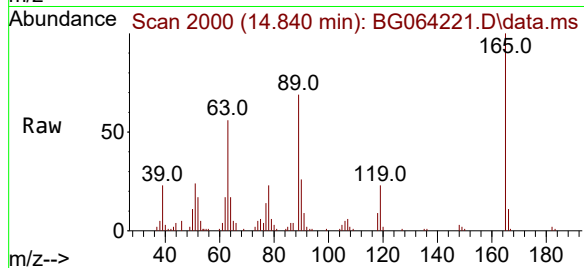
#57  
2,4-Dinitrotoluene  
Concen: 20.850 ng  
RT: 14.840 min Scan# 2000  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

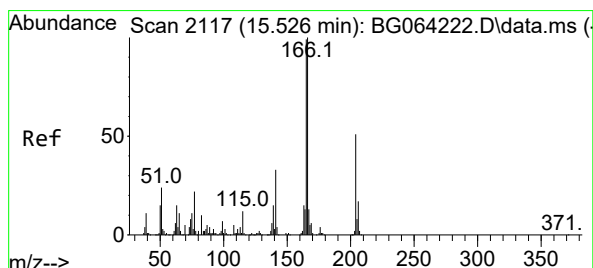
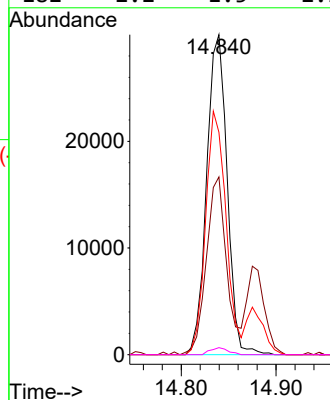
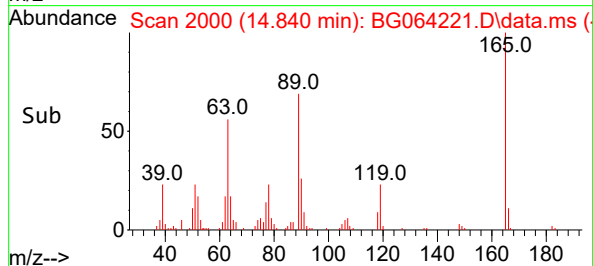


Tgt Ion:165 Resp: 45085  
Ion Ratio Lower Upper  
165 100  
63 55.6 44.6 67.0  
89 69.5 63.0 94.4  
182 2.2 1.5 2.3

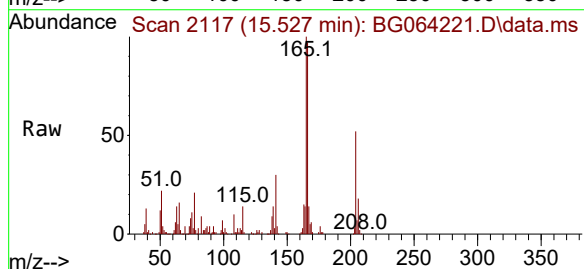
Manual Integrations

APPROVED

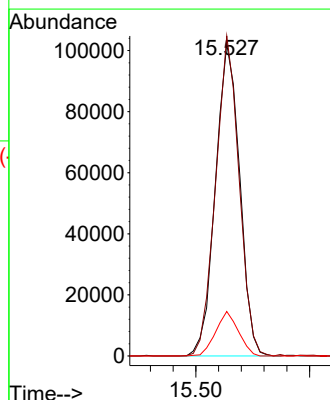
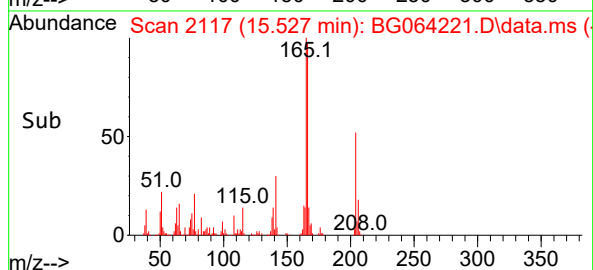
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



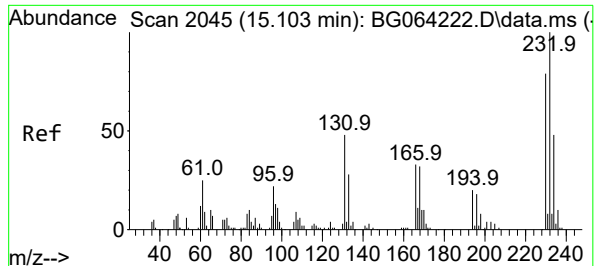
#58  
Fluorene  
Concen: 21.037 ng  
RT: 15.527 min Scan# 2117  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53



Tgt Ion:166 Resp: 151193  
Ion Ratio Lower Upper  
166 100  
165 102.6 79.1 118.7  
167 14.3 10.2 15.4

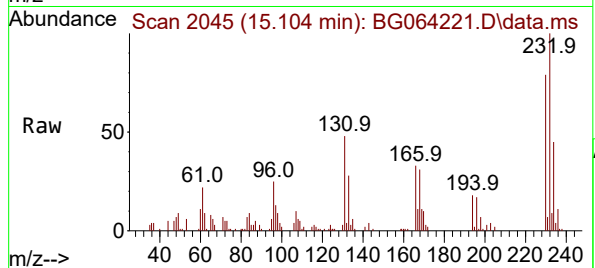






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 20.831 ng  
RT: 15.104 min Scan# 2045  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

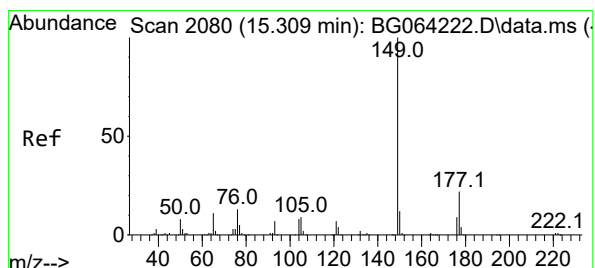
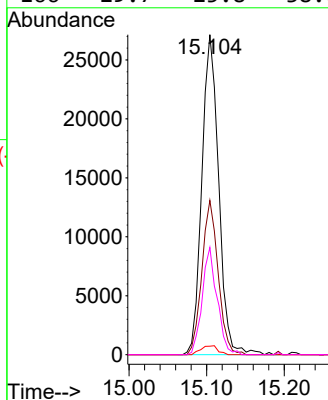
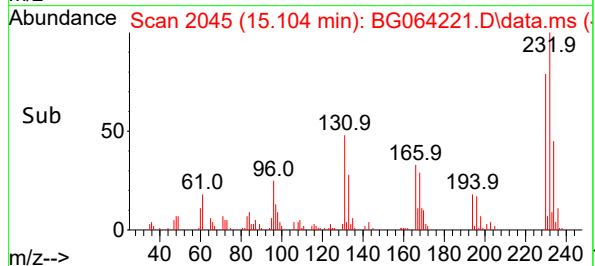
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



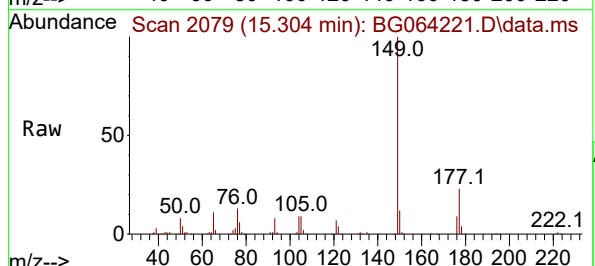
Tgt Ion:232 Resp: 4090  
Ion Ratio Lower Upper  
232 100  
131 46.6 37.1 55.7  
130 2.8 2.6 3.8  
166 29.7 25.8 38.6

Manual Integrations  
APPROVED

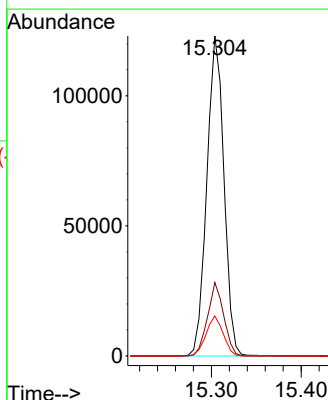
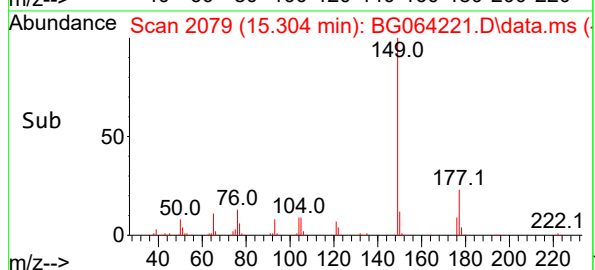
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

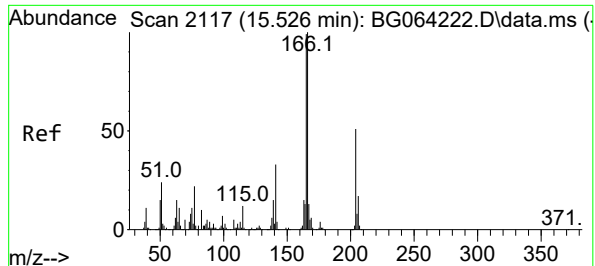


#60  
Diethylphthalate  
Concen: 20.550 ng  
RT: 15.304 min Scan# 2079  
Delta R.T. -0.011 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53



Tgt Ion:149 Resp: 162465  
Ion Ratio Lower Upper  
149 100  
177 22.9 17.5 26.3  
150 12.5 9.9 14.9





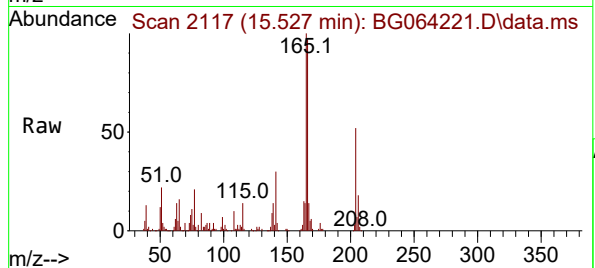
#61  
4-Chlorophenyl-phenylether  
Concen: 20.660 ng  
RT: 15.527 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

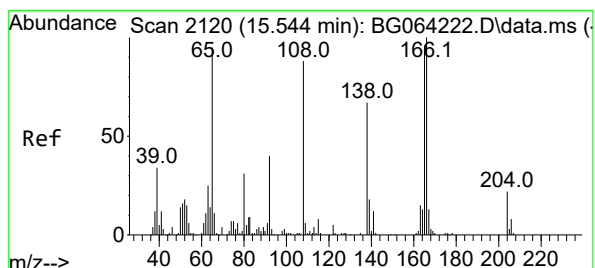
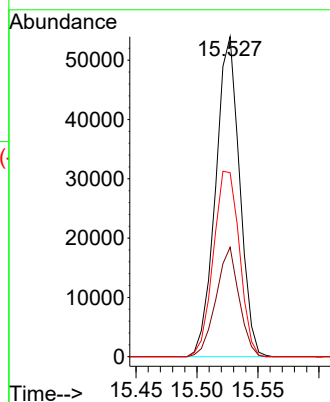
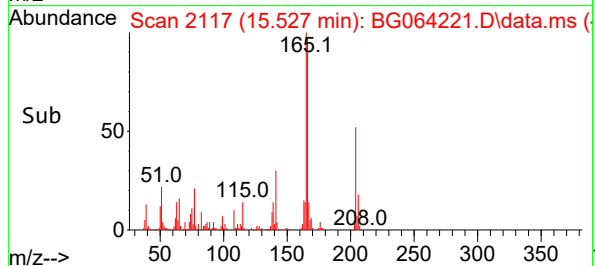


Tgt Ion:204 Resp: 7403  
Ion Ratio Lower Upper  
204 100  
206 34.2 26.2 39.4  
141 57.5 51.9 77.9

Manual Integrations

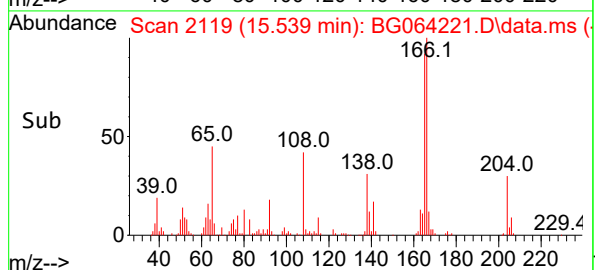
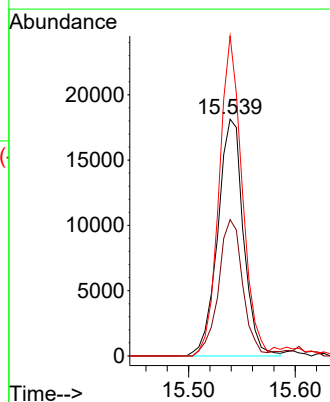
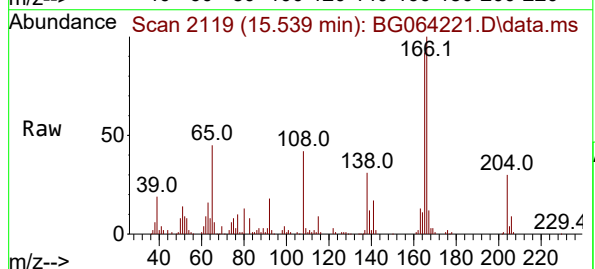
APPROVED

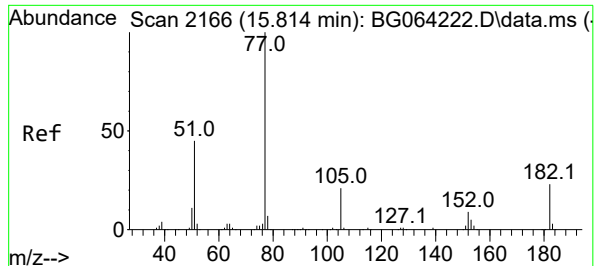
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#62  
4-Nitroaniline  
Concen: 19.833 ng  
RT: 15.539 min Scan# 2119  
Delta R.T. -0.017 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:138 Resp: 30317  
Ion Ratio Lower Upper  
138 100  
92 57.6 39.1 79.1  
108 135.1 111.3 151.3





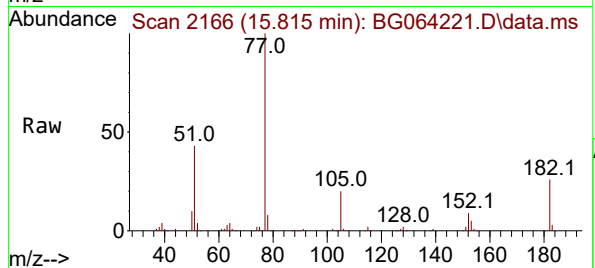
#63  
Azobenzene  
Concen: 20.922 ng  
RT: 15.815 min Scan# 2166  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

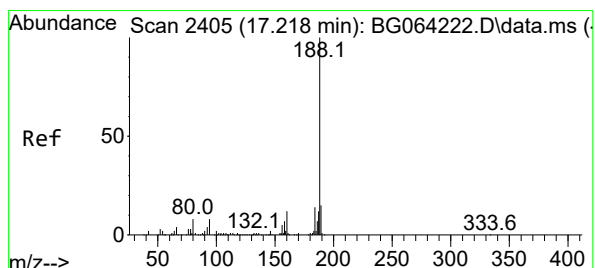
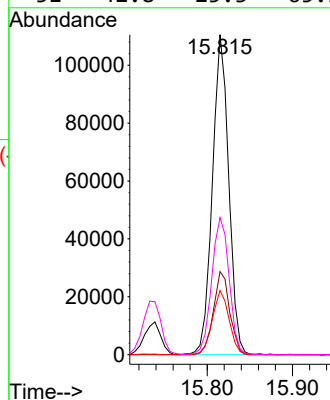
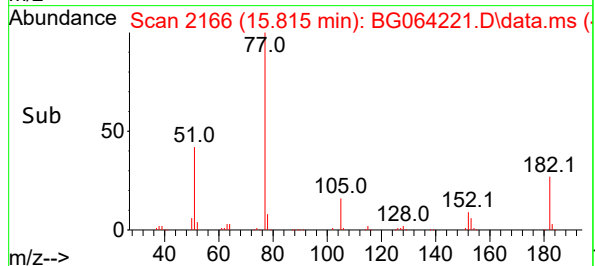


Tgt Ion: 77 Resp: 147419  
Ion Ratio Lower Upper  
77 100  
182 25.9 3.3 43.3  
105 20.0 0.6 40.6  
51 42.8 25.3 65.3

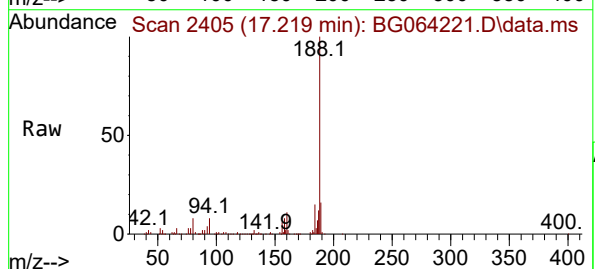
Manual Integrations

APPROVED

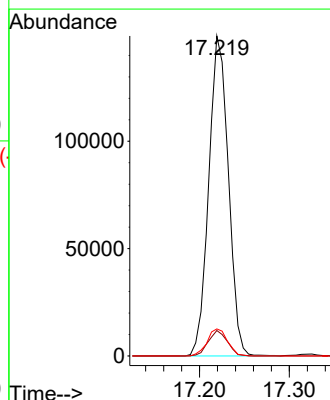
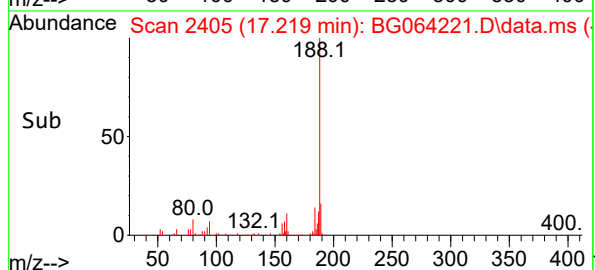
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

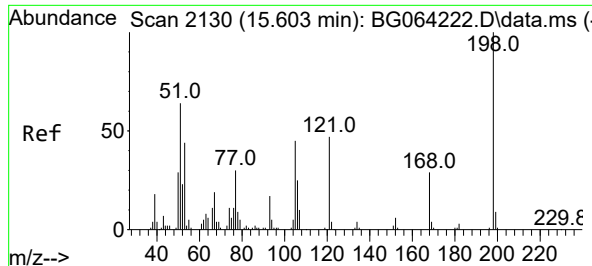


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.219 min Scan# 2405  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53



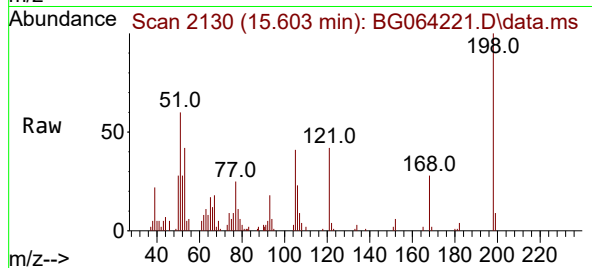
Tgt Ion:188 Resp: 226286  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.2 9.4  
80 8.4 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 18.671 ng  
RT: 15.603 min Scan# 2130  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

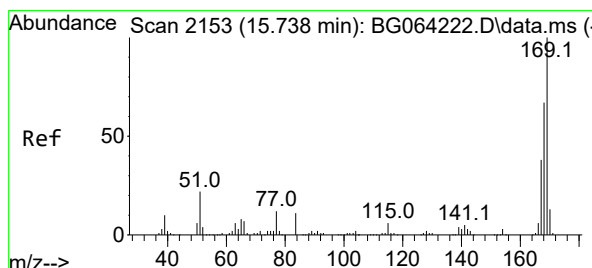
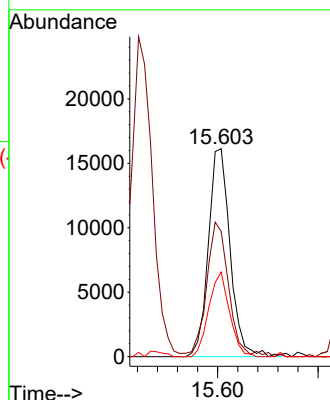
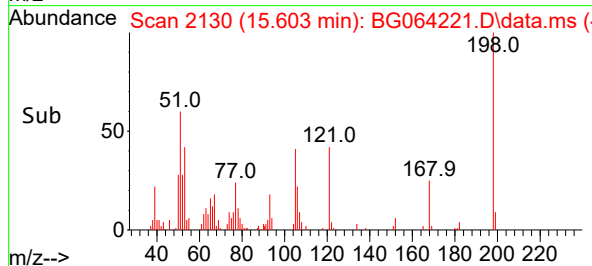
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:198 Resp: 2425  
Ion Ratio Lower Upper  
198 100  
51 60.2 46.2 86.2  
105 40.7 25.0 65.0

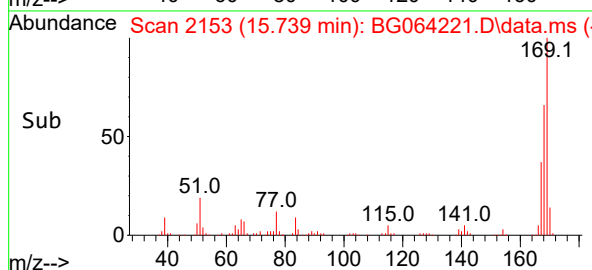
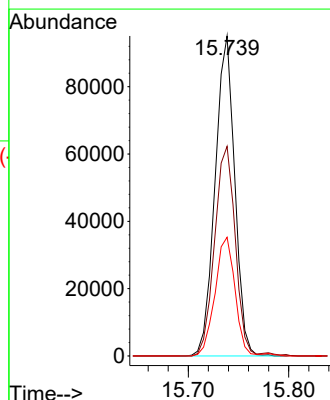
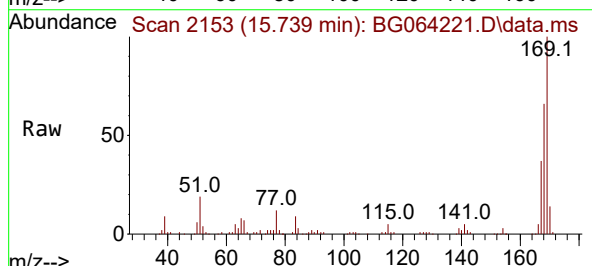
Manual Integrations  
APPROVED

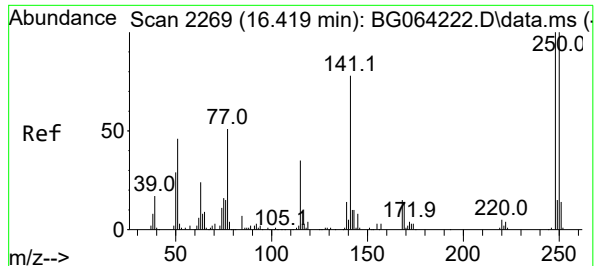
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#66  
n-Nitrosodiphenylamine  
Concen: 20.761 ng  
RT: 15.739 min Scan# 2153  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

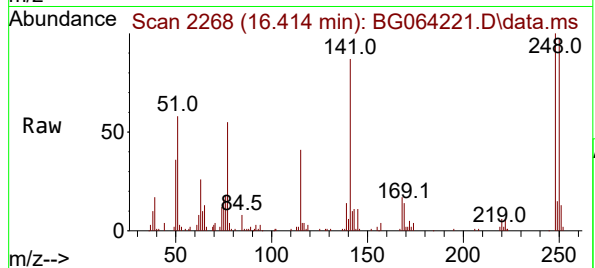
Tgt Ion:169 Resp: 129237  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.8 80.8  
167 37.1 30.2 45.2





#67  
4-Bromophenyl-phenylether  
Concen: 20.499 ng  
RT: 16.414 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

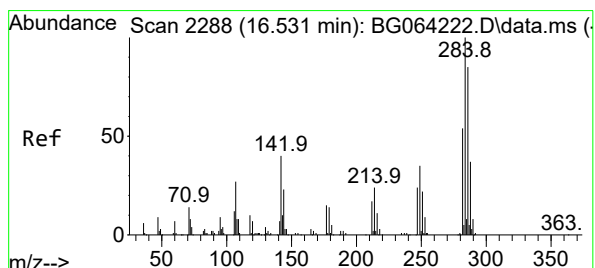
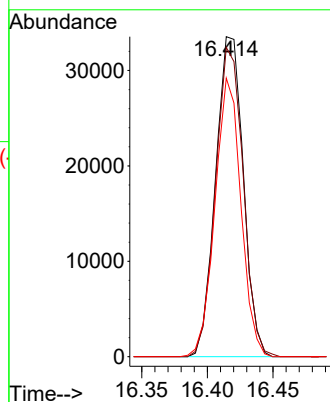
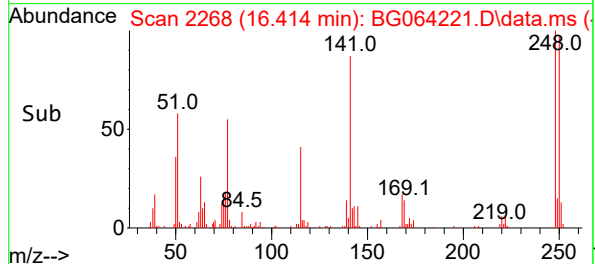
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:248 Resp: 49269  
Ion Ratio Lower Upper  
248 100  
250 96.7 80.2 120.4  
141 87.1 62.4 93.6

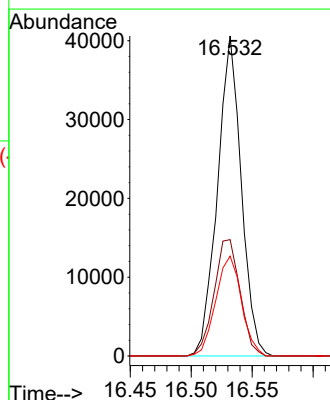
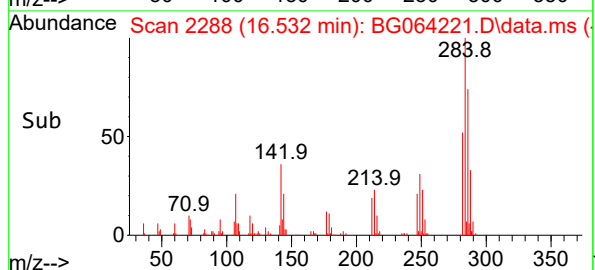
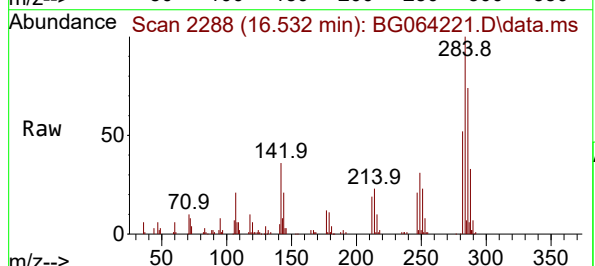
Manual Integrations  
APPROVED

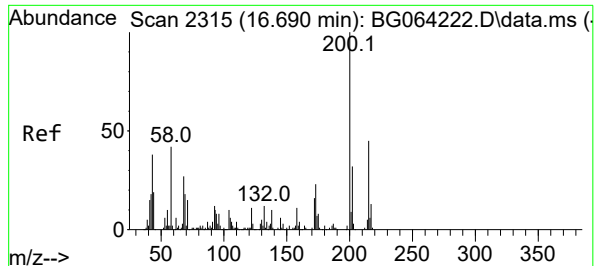
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#68  
Hexachlorobenzene  
Concen: 20.671 ng  
RT: 16.532 min Scan# 2288  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

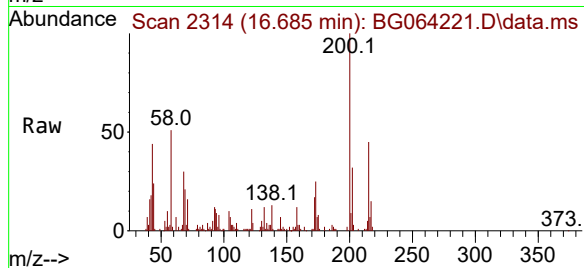
Tgt Ion:284 Resp: 55170  
Ion Ratio Lower Upper  
284 100  
142 36.4 32.1 48.1  
249 31.2 28.3 42.5





#69  
Atrazine  
Concen: 20.072 ng  
RT: 16.685 min Scan# 2314  
Delta R.T. -0.011 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

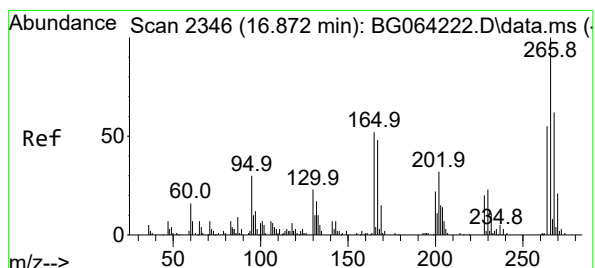
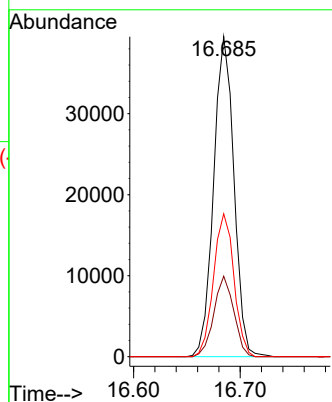
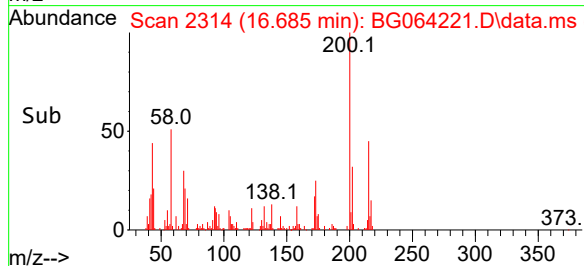
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:200 Resp: 52170  
Ion Ratio Lower Upper  
200 100  
173 25.1 3.5 43.5  
215 44.7 24.8 64.8

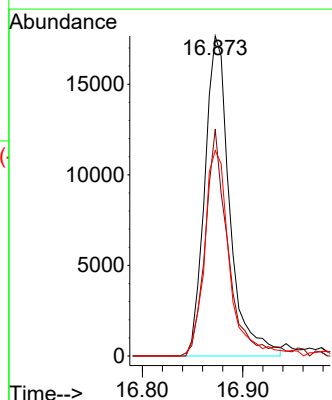
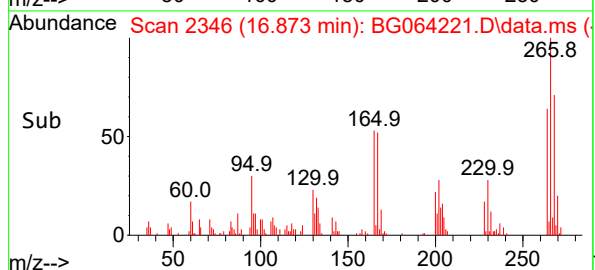
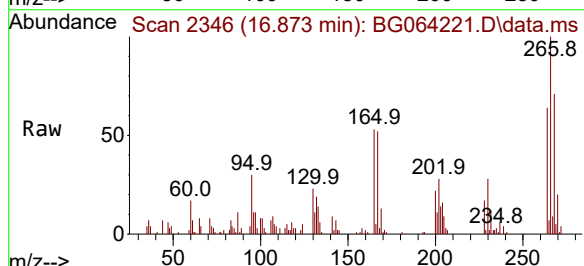
Manual Integrations  
APPROVED

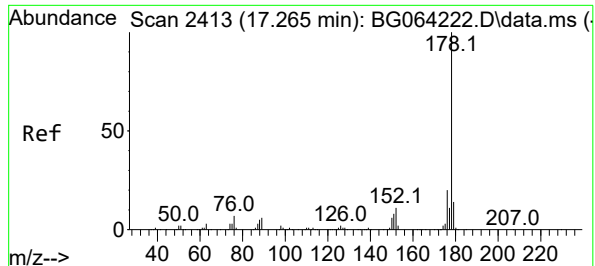
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#70  
Pentachlorophenol  
Concen: 18.830 ng  
RT: 16.873 min Scan# 2346  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

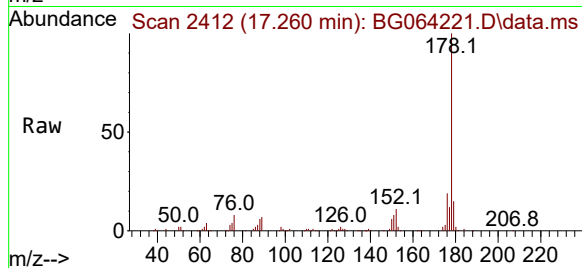
Tgt Ion:266 Resp: 30473  
Ion Ratio Lower Upper  
266 100  
268 70.8 49.4 74.0  
264 64.2 44.3 66.5





#71  
Phenanthrene  
Concen: 20.672 ng  
RT: 17.260 min Scan# 2413  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

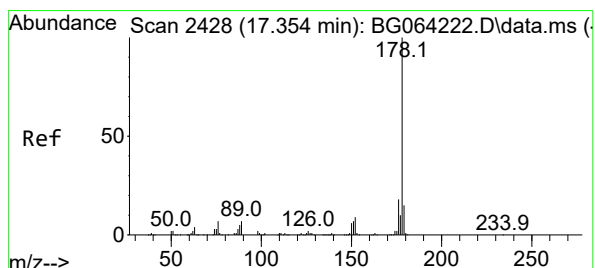
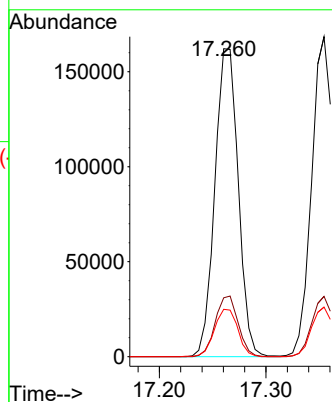
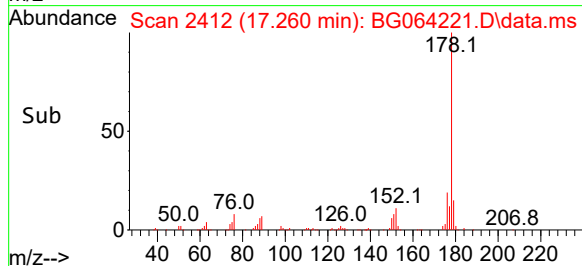
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:178 Resp: 246721  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.9 23.9  
179 15.4 11.4 17.2

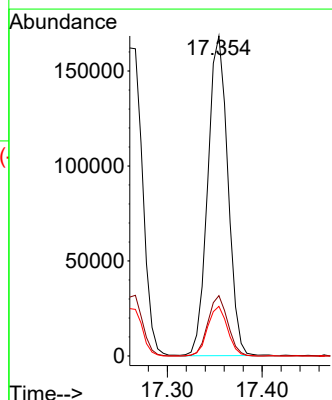
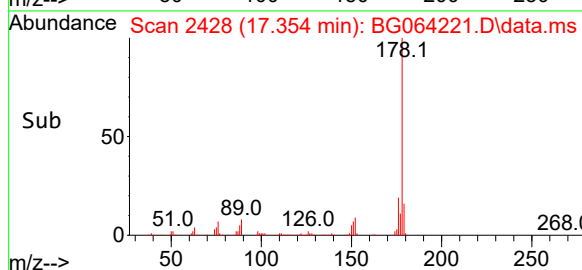
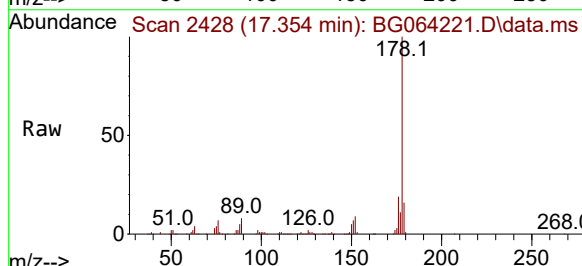
Manual Integrations  
APPROVED

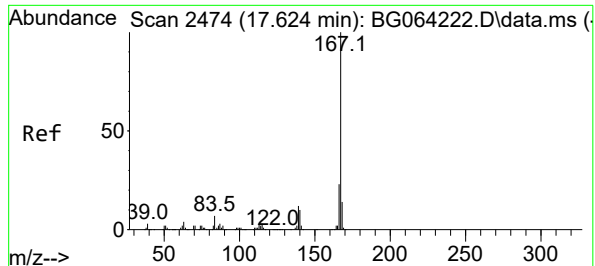
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#72  
Anthracene  
Concen: 20.352 ng  
RT: 17.354 min Scan# 2428  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

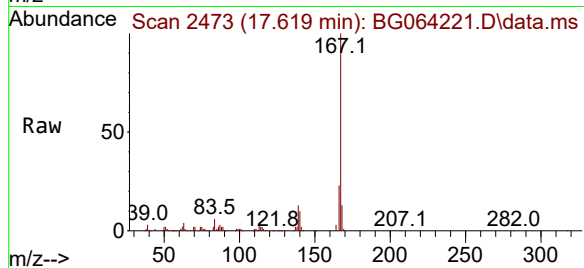
Tgt Ion:178 Resp: 247090  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.7 22.1  
179 15.5 12.1 18.1





#73  
Carbazole  
Concen: 20.308 ng  
RT: 17.619 min Scan# 2473  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

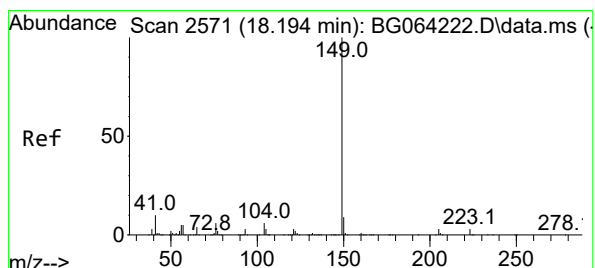
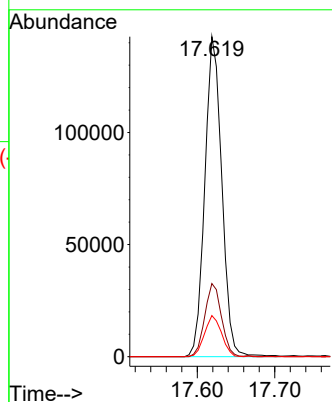
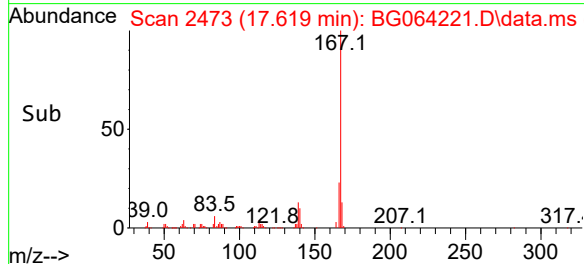
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:167 Resp: 217200  
Ion Ratio Lower Upper  
167 100  
166 22.9 18.2 27.2  
139 12.9 9.8 14.6

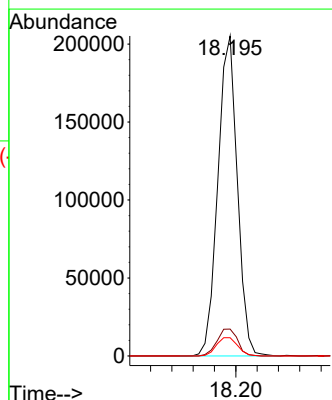
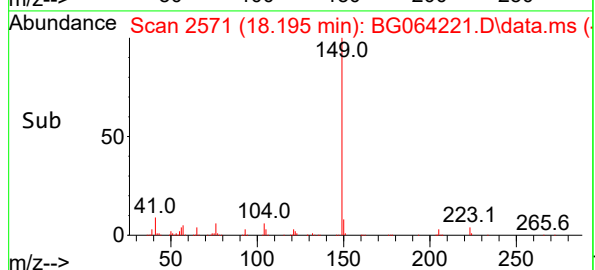
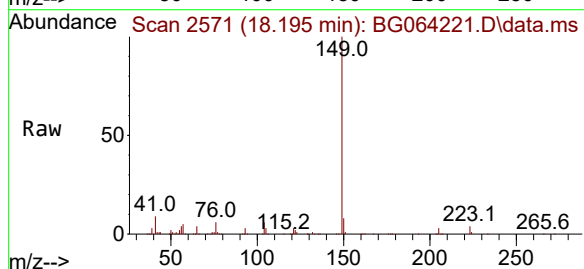
Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

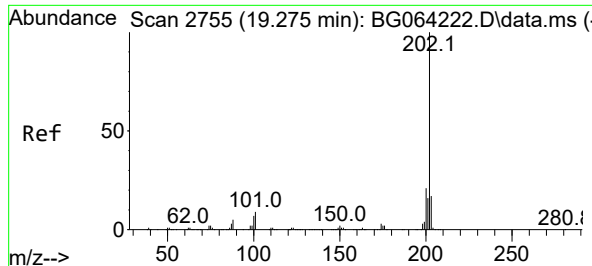


#74  
Di-n-butylphthalate  
Concen: 20.187 ng  
RT: 18.195 min Scan# 2571  
Delta R.T. 0.001 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:149 Resp: 259387  
Ion Ratio Lower Upper  
149 100  
150 8.4 7.5 11.3  
104 5.7 4.6 7.0

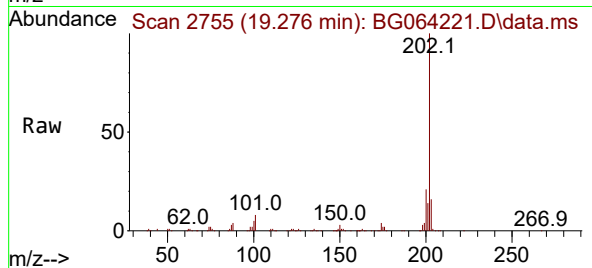






#75  
Fluoranthene  
Concen: 20.461 ng  
RT: 19.276 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

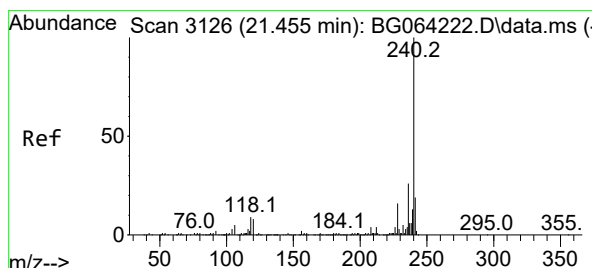
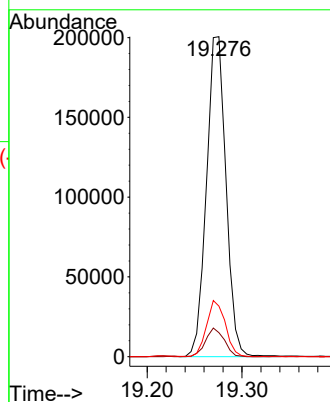
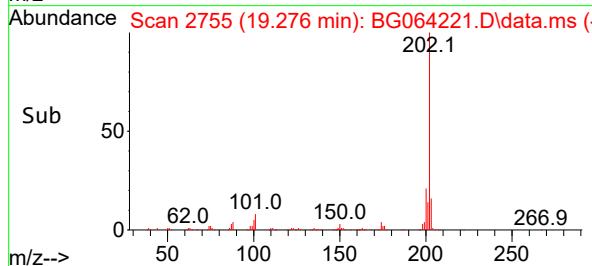
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:202 Resp: 28713  
Ion Ratio Lower Upper  
202 100  
101 7.5 0.0 28.7  
203 15.8 0.0 36.9

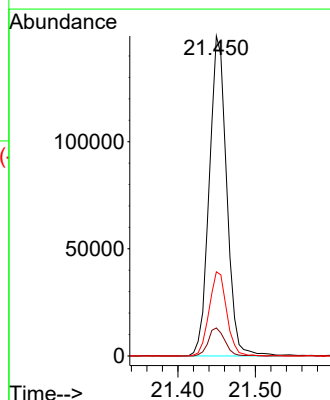
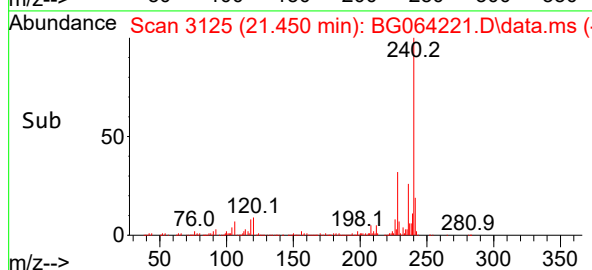
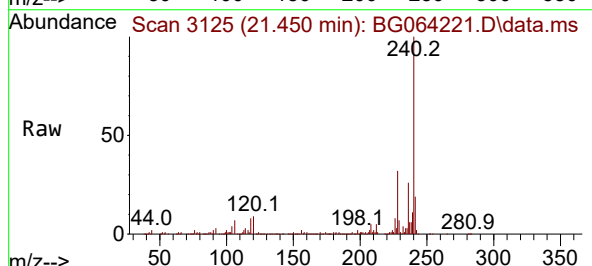
Manual Integrations  
APPROVED

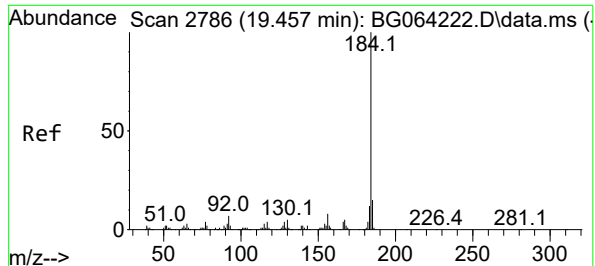
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.450 min Scan# 3125  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

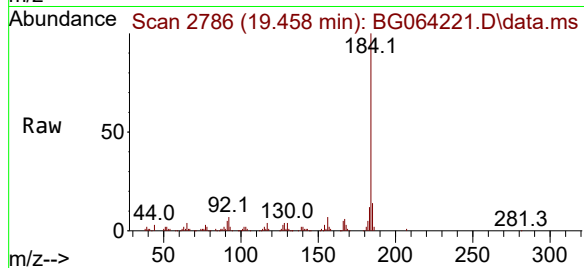
Tgt Ion:240 Resp: 233668  
Ion Ratio Lower Upper  
240 100  
120 8.7 6.2 9.4  
236 26.3 20.5 30.7





#77  
Benzidine  
Concen: 24.959 ng  
RT: 19.458 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

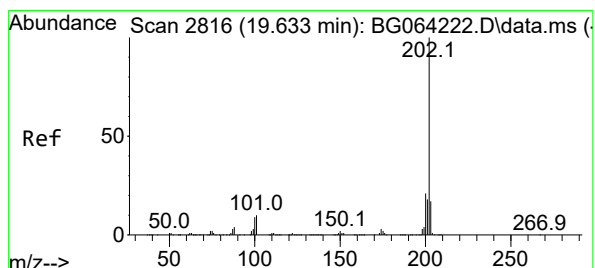
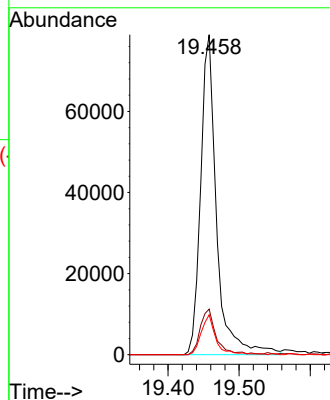
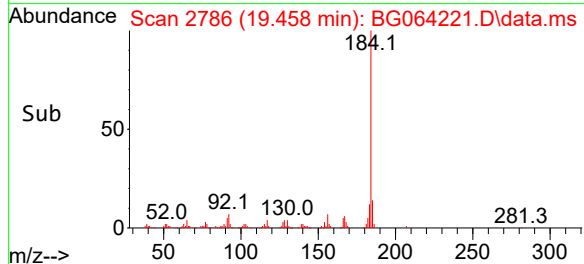
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



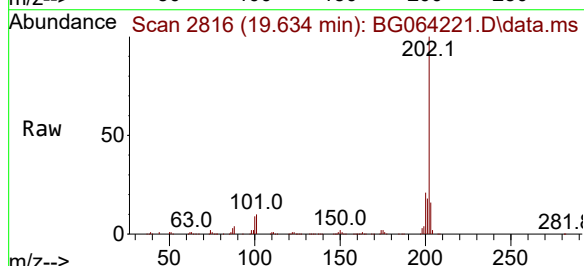
Tgt Ion:184 Resp: 122689  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.7 17.5  
183 12.4 9.7 14.5

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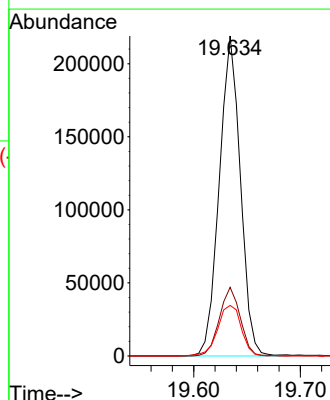
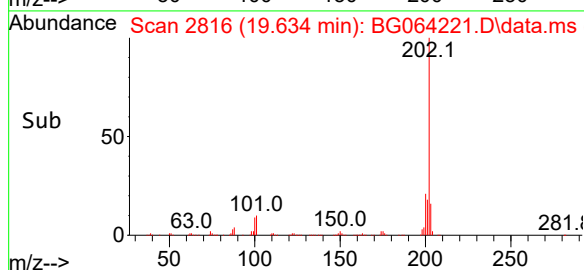
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

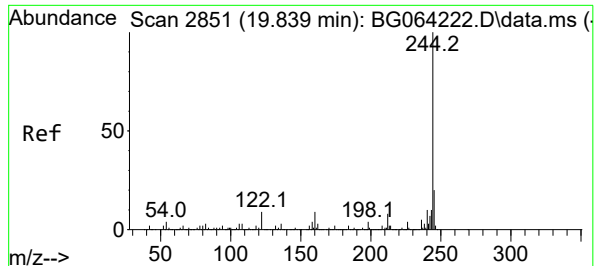


#78  
Pyrene  
Concen: 20.409 ng  
RT: 19.634 min Scan# 2816  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53



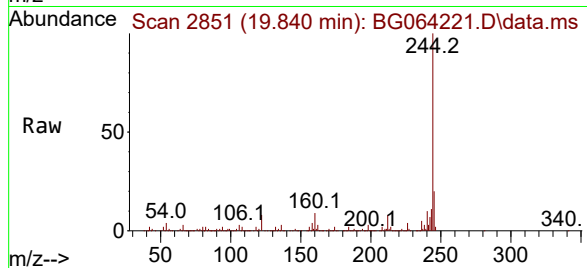
Tgt Ion:202 Resp: 300446  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.9 25.3  
203 15.8 13.8 20.8





#79  
Terphenyl-d14  
Concen: 41.801 ng  
RT: 19.840 min Scan# 2851  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

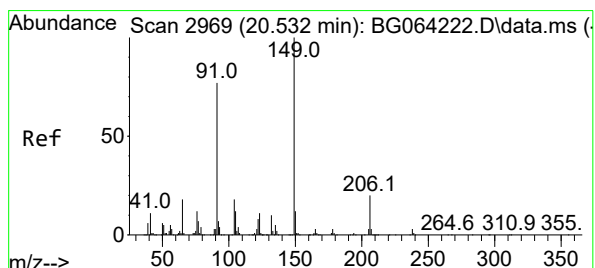
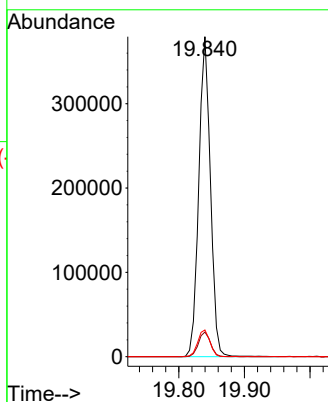
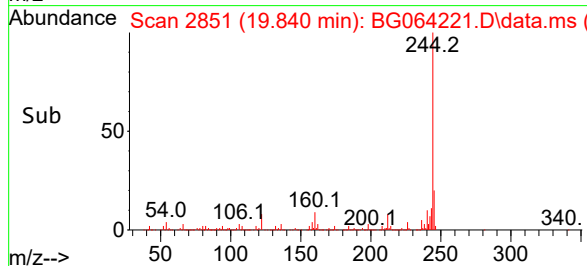
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:244 Resp: 46816  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.6 10.0  
122 8.3 7.0 10.6

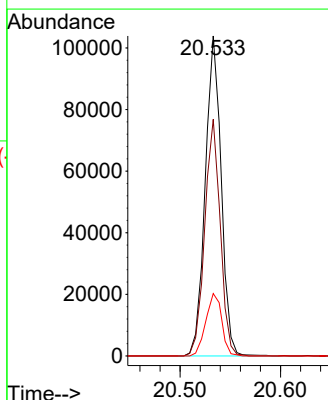
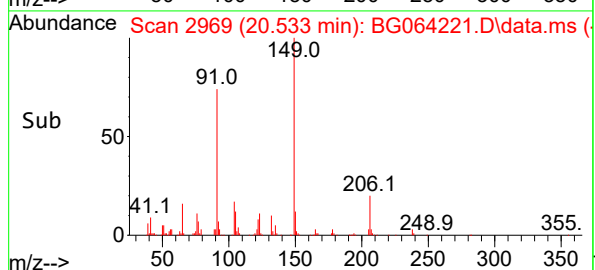
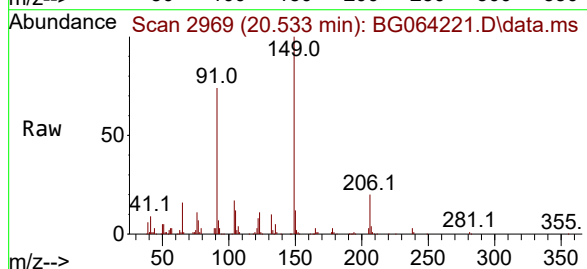
Manual Integrations  
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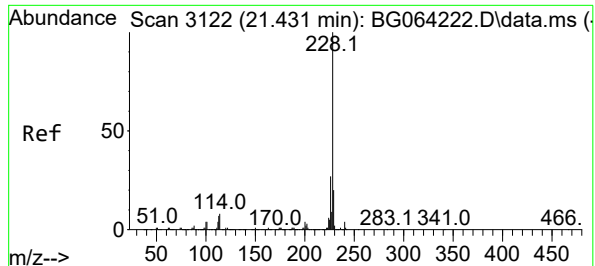
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#80  
Butylbenzylphthalate  
Concen: 20.699 ng  
RT: 20.533 min Scan# 2969  
Delta R.T. 0.000 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

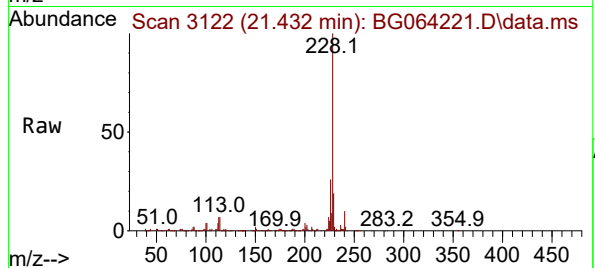
Tgt Ion:149 Resp: 114931  
Ion Ratio Lower Upper  
149 100  
91 74.0 61.4 92.0  
206 19.5 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 20.506 ng  
RT: 21.432 min Scan# 3122  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

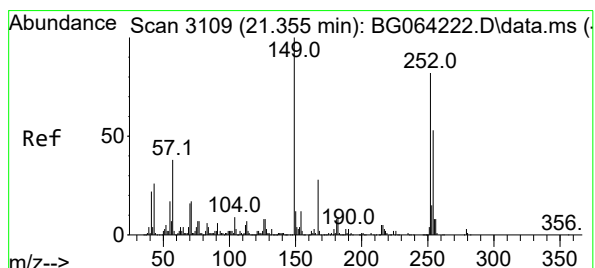
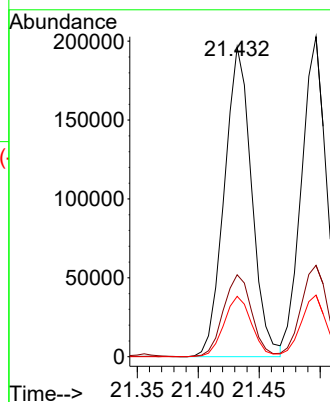
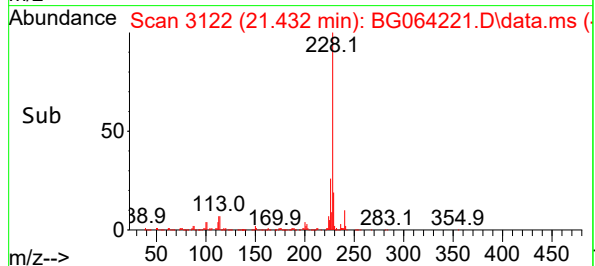
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:228 Resp: 30655  
Ion Ratio Lower Upper  
228 100  
226 26.5 21.7 32.5  
229 19.5 15.9 23.9

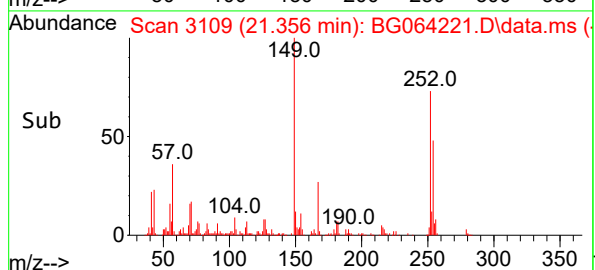
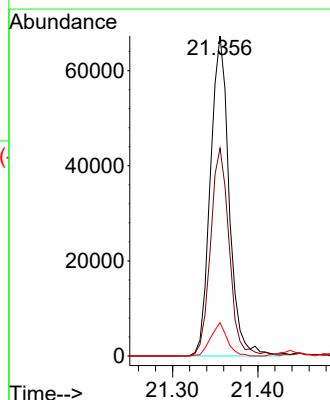
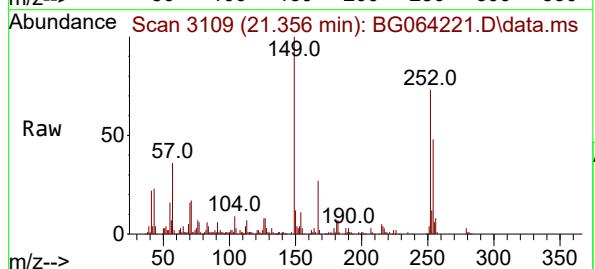
Manual Integrations  
APPROVED

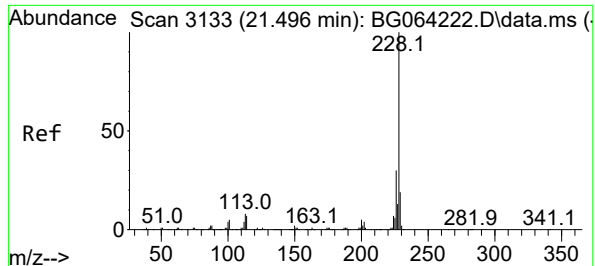
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 21.141 ng  
RT: 21.356 min Scan# 3109  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

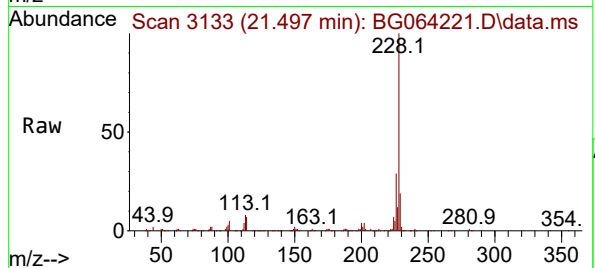
Tgt Ion:252 Resp: 102925  
Ion Ratio Lower Upper  
252 100  
254 64.9 51.9 77.9  
126 10.4 7.6 11.4





#83  
Chrysene  
Concen: 20.420 ng  
RT: 21.497 min Scan# 3133  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

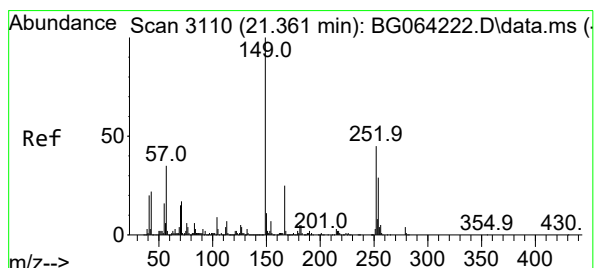
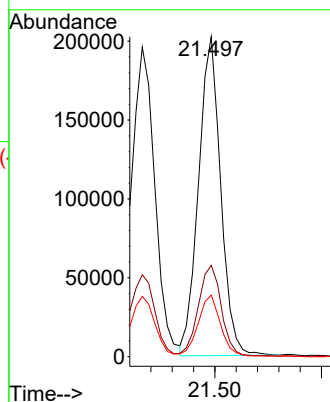
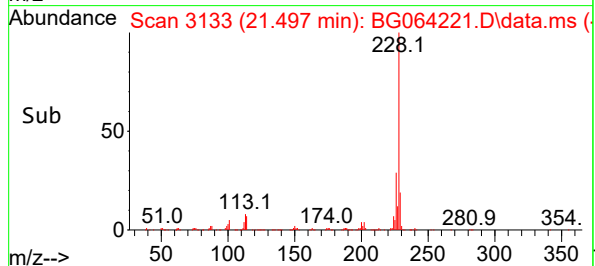
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:228 Resp: 293057  
Ion Ratio Lower Upper  
228 100  
226 28.6 24.2 36.2  
229 19.3 15.4 23.2

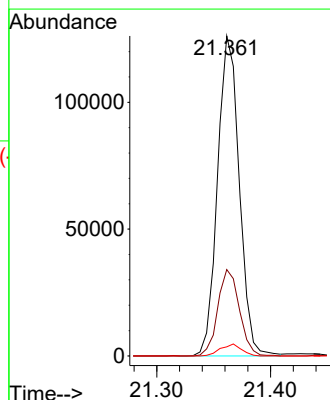
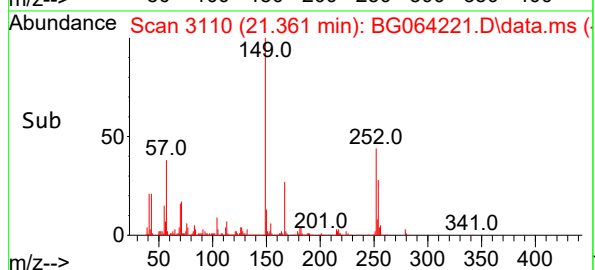
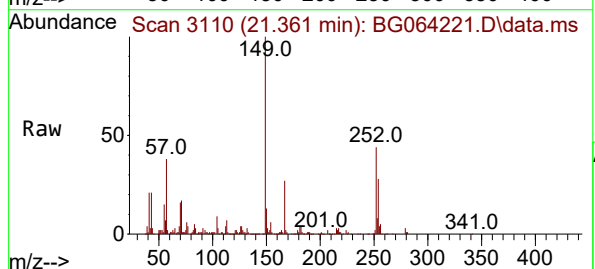
Manual Integrations  
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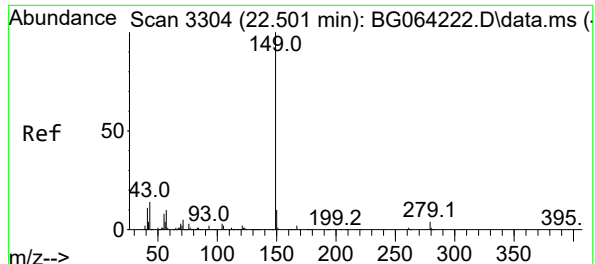
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.148 ng  
RT: 21.361 min Scan# 3110  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

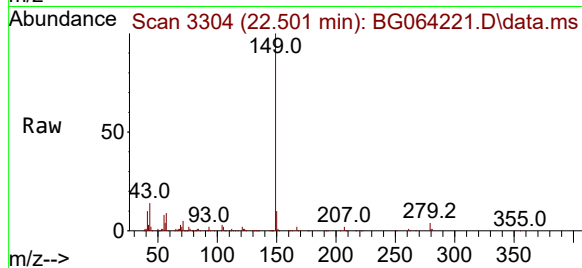
Tgt Ion:149 Resp: 167957  
Ion Ratio Lower Upper  
149 100  
167 27.0 20.0 30.0  
279 2.9 3.0 4.4#





#85  
Di-n-octyl phthalate  
Concen: 20.362 ng  
RT: 22.501 min Scan# 3304  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

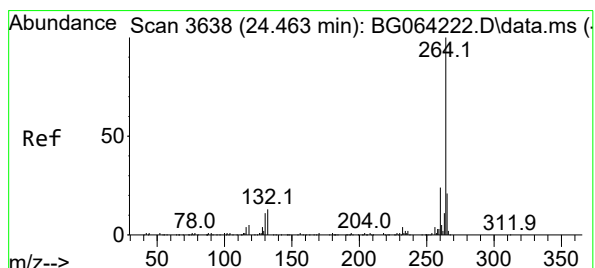
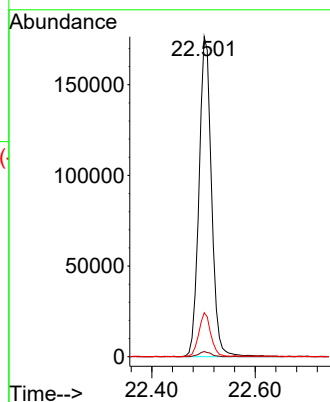
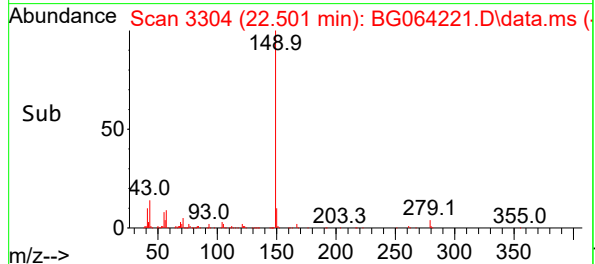
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:149 Resp: 295768  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 13.3 10.8 16.2

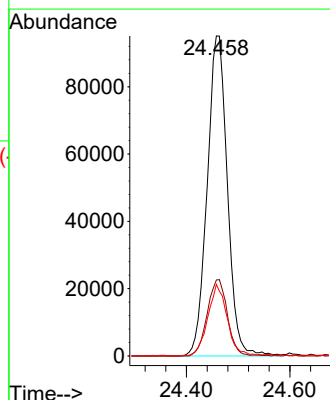
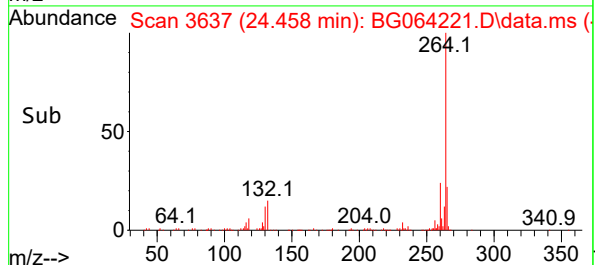
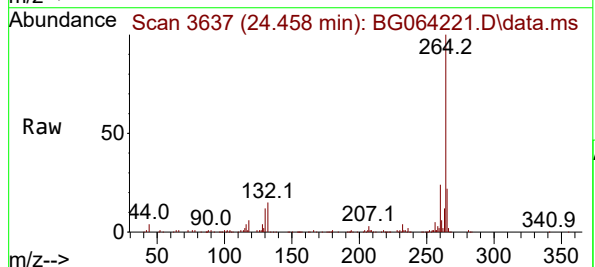
Manual Integrations  
APPROVED

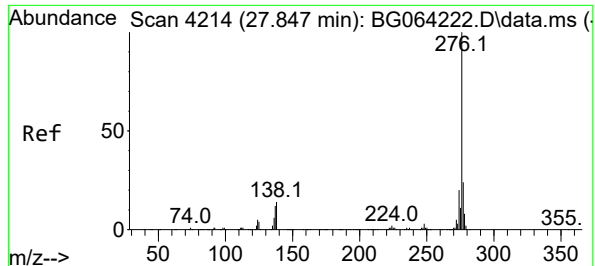
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.458 min Scan# 3637  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

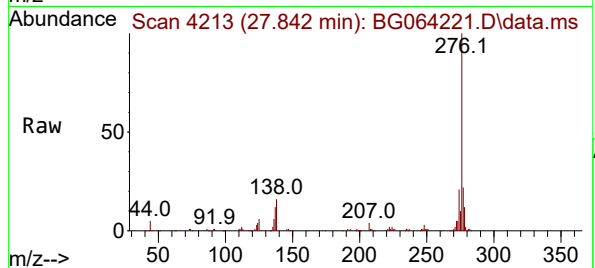
Tgt Ion:264 Resp: 258172  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.9 28.3  
265 22.4 16.7 25.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 20.263 ng  
RT: 27.842 min Scan# 4214  
Delta R.T. -0.029 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

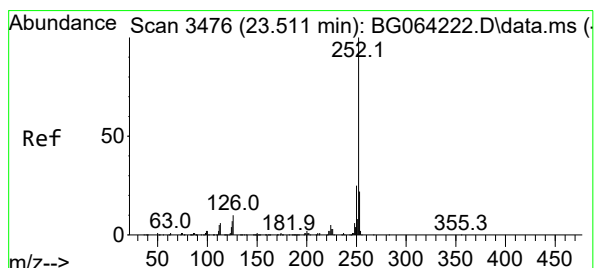
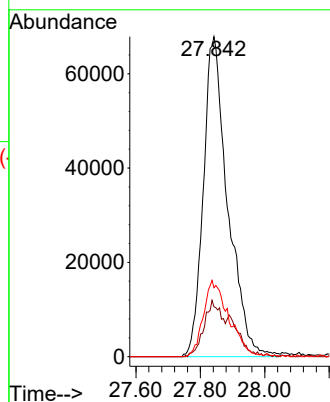
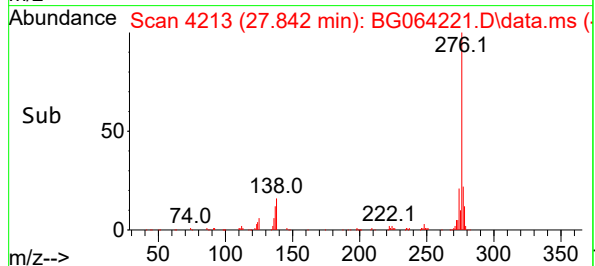
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



Tgt Ion:276 Resp: 35725  
Ion Ratio Lower Upper  
276 100  
138 12.9 7.4 11.0  
277 24.8 20.5 30.7

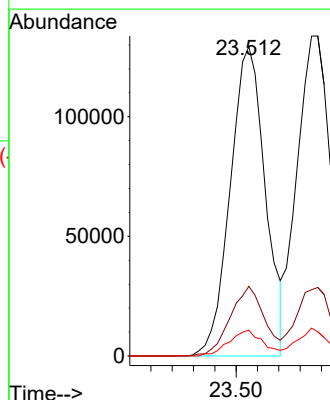
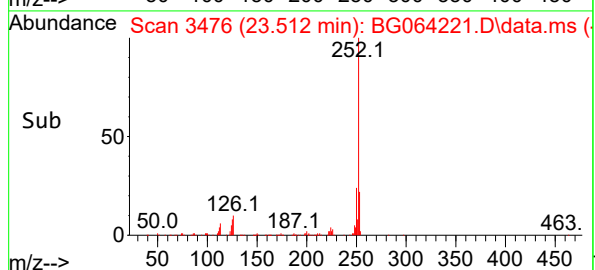
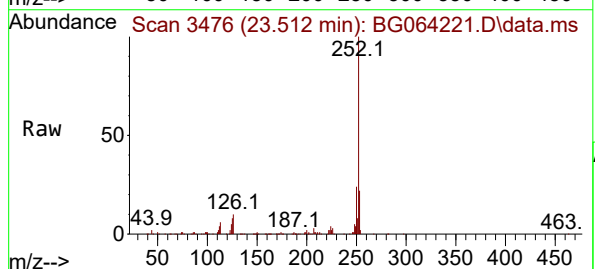
Manual Integrations  
APPROVED

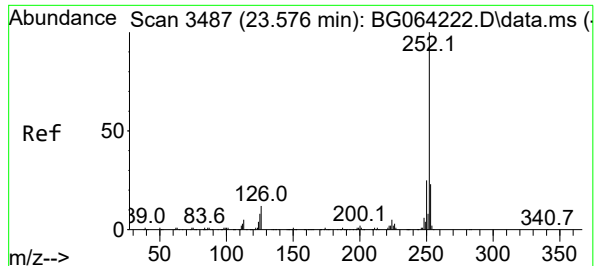
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#88  
Benzo(b)fluoranthene  
Concen: 20.285 ng  
RT: 23.512 min Scan# 3476  
Delta R.T. -0.005 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

Tgt Ion:252 Resp: 295568  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.5 26.3  
125 8.3 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 20.492 ng

RT: 23.576 min Scan# 34

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

Instrument :

BNA\_G

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 304190

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.4

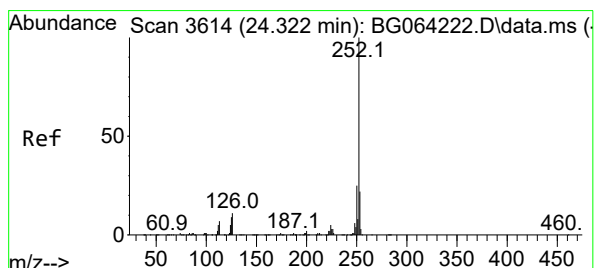
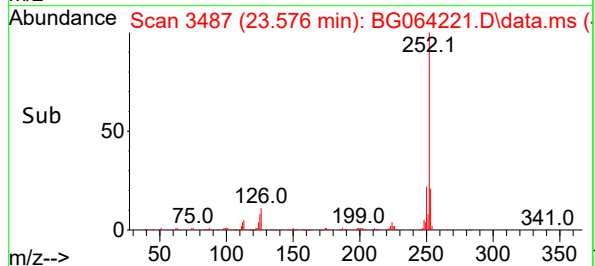
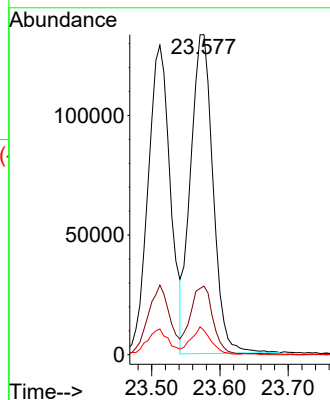
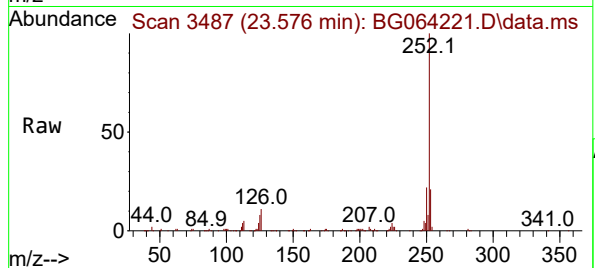
125 7.5 7.0 10.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 20.504 ng

RT: 24.317 min Scan# 3613

Delta R.T. -0.011 min

Lab File: BG064221.D

Acq: 28 Aug 2025 12:53

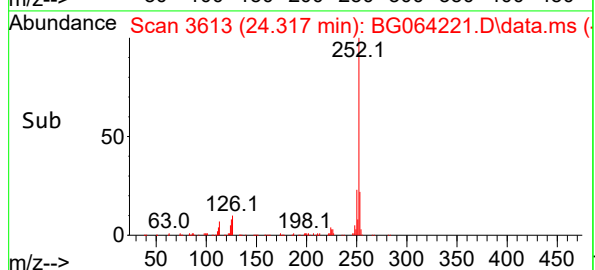
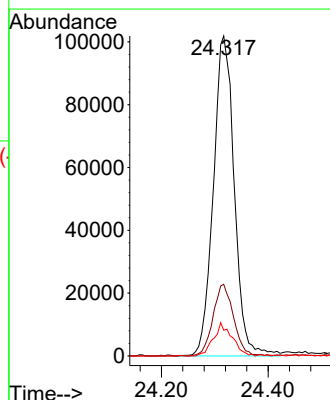
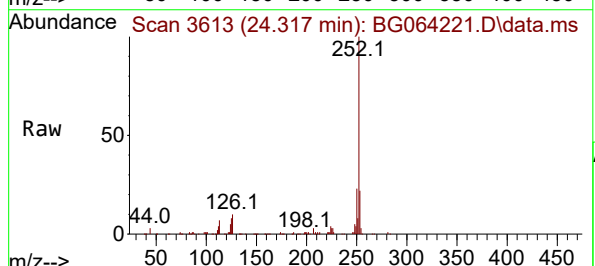
Tgt Ion:252 Resp: 277917

Ion Ratio Lower Upper

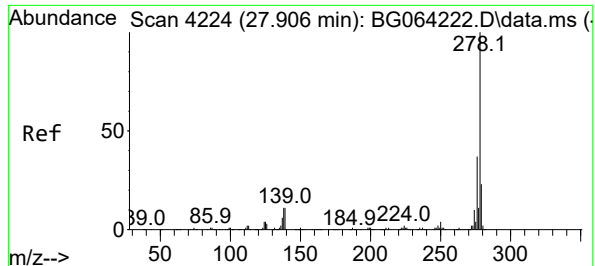
252 100

253 22.4 17.4 26.2

125 8.0 7.0 10.6

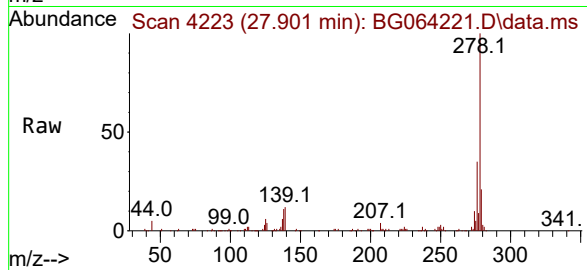






#91  
Dibenzo(a,h)anthracene  
Concen: 20.318 ng  
RT: 27.901 min Scan# 41  
Delta R.T. -0.023 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53

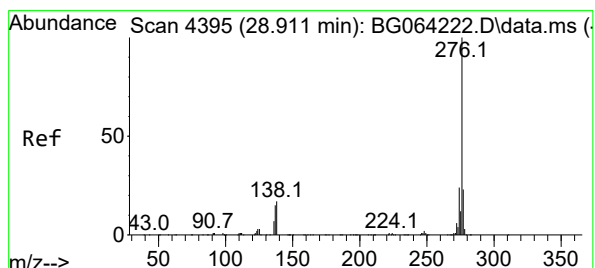
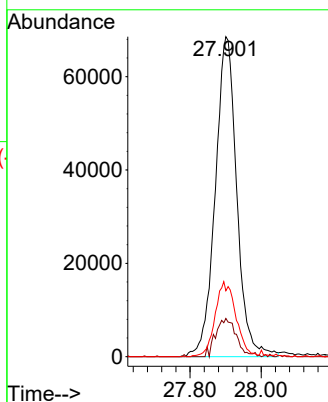
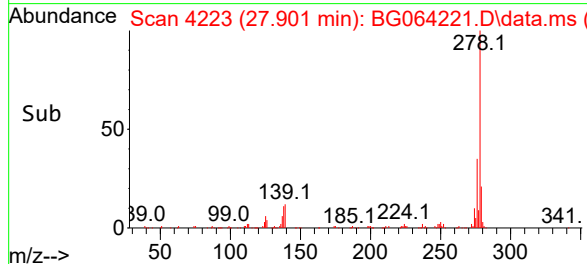
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC020



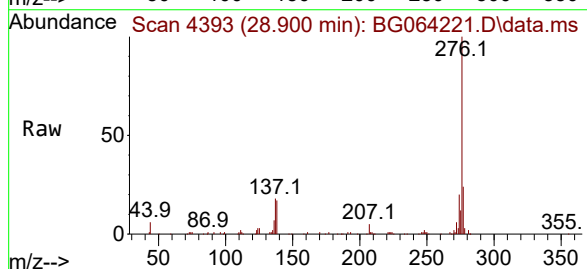
Tgt Ion: 278 Resp: 28762  
Ion Ratio Lower Upper  
278 100  
139 12.0 9.0 13.4  
279 20.6 18.8 28.2

Manual Integrations  
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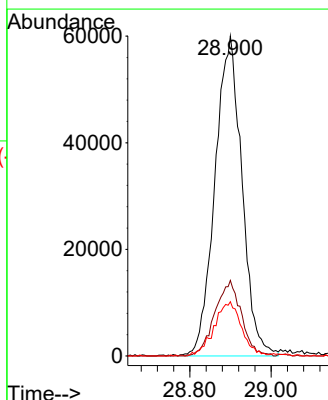
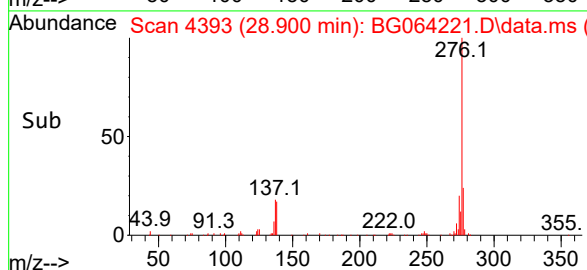
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#92  
Benzo(g,h,i)perylene  
Concen: 20.051 ng  
RT: 28.900 min Scan# 4393  
Delta R.T. -0.035 min  
Lab File: BG064221.D  
Acq: 28 Aug 2025 12:53



Tgt Ion: 276 Resp: 276197  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.2 27.4  
138 16.9 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064222.D  
 Acq On : 28 Aug 2025 13:33  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.859  | 152  | 26688    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.644 | 136  | 126200   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.481 | 164  | 90061    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.218 | 188  | 216625   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.455 | 240  | 230899   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.463 | 264  | 249993   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.444  | 112  | 117882   | 79.246 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.025  | 99   | 161720   | 79.133 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.010  | 82   | 184443   | 81.509 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.967 | 330  | 99487    | 83.399 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.106 | 172  | 478450   | 81.088 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.839 | 244  | 905835   | 81.849 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.364  | 88   | 20648    | 33.302 | ng    | 100      |
| 3) Pyridine                   | 3.752  | 79   | 71416    | 39.129 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.670  | 42   | 49194    | 40.750 | ng    | 100      |
| 6) Aniline                    | 7.183  | 93   | 113404   | 40.128 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.424  | 128  | 75709    | 41.650 | ng    | 100      |
| 9) Benzaldehyde               | 6.995  | 77   | 73366    | 43.623 | ng    | 100      |
| 10) Phenol                    | 7.048  | 94   | 89064    | 39.529 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.283  | 93   | 68380    | 40.387 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.747  | 146  | 78542    | 40.615 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.894  | 146  | 78264    | 40.101 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.206  | 146  | 75225    | 39.936 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.088  | 79   | 76134    | 40.370 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.376  | 45   | 154642   | 40.005 | ng    | 100      |
| 17) 2-Methylphenol            | 8.294  | 107  | 67291    | 40.073 | ng    | 100      |
| 18) Hexachloroethane          | 8.934  | 117  | 31114    | 40.841 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.664  | 70   | 64204    | 41.049 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.623  | 107  | 90856    | 38.939 | ng    | 100      |
| 22) Acetophenone              | 8.670  | 105  | 126717   | 39.689 | ng    | 100      |
| 24) Nitrobenzene              | 9.052  | 77   | 97991    | 41.447 | ng    | 100      |
| 25) Isophorone                | 9.575  | 82   | 188784   | 40.142 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.763  | 139  | 43222    | 42.309 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 9.821  | 122  | 74893    | 41.756 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.056 | 93   | 104447   | 41.188 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.291 | 162  | 78139    | 41.290 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.509 | 180  | 80502    | 40.344 | ng    | 100      |
| 31) Naphthalene               | 10.697 | 128  | 261400   | 39.944 | ng    | 100      |
| 32) Benzoic acid              | 9.956  | 122  | 60467m   | 42.471 | ng    |          |
| 33) 4-Chloroaniline           | 10.797 | 127  | 106157   | 41.854 | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.991 | 225  | 59902    | 40.612 | ng    | 100      |
| 35) Caprolactam               | 11.572 | 113  | 31152    | 42.513 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 11.925 | 107  | 99772    | 40.634 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.307 | 142  | 198855   | 40.881 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.524 | 142  | 195785   | 40.750 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.677 | 216  | 104909   | 40.372 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.659 | 237  | 49514    | 40.092 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.912 | 196  | 71398    | 41.108 | ng    | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064222.D  
 Acq On : 28 Aug 2025 13:33  
 Operator : RC/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.982 | 196  | 77976    | 41.387 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.317 | 154  | 269191   | 41.038 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.358 | 162  | 200412   | 40.640 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.558 | 65   | 73815    | 43.916 | ng    | 100      |
| 49) Acenaphthylene            | 14.204 | 152  | 301771   | 41.396 | ng    | 100      |
| 50) Dimethylphthalate         | 13.940 | 163  | 280002   | 41.075 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.052 | 165  | 58034    | 43.975 | ng    | 100      |
| 52) Acenaphthene              | 14.545 | 154  | 212105   | 41.230 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.387 | 138  | 59560    | 43.085 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.586 | 184  | 32082    | 40.231 | ng    | 100      |
| 55) Dibenzofuran              | 14.880 | 168  | 330167   | 40.802 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.686 | 139  | 51577    | 45.484 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 14.839 | 165  | 87210    | 43.705 | ng    | 100      |
| 58) Fluorene                  | 15.526 | 166  | 275394   | 41.523 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.103 | 232  | 75450    | 41.637 | ng    | 100      |
| 60) Diethylphthalate          | 15.309 | 149  | 304086   | 41.681 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.526 | 204  | 135998   | 41.127 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.544 | 138  | 63286    | 44.865 | ng    | 100      |
| 63) Azobenzene                | 15.814 | 77   | 270729   | 41.635 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 198  | 51221    | 41.184 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.738 | 169  | 243339   | 40.835 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.419 | 248  | 93326    | 40.562 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.531 | 284  | 98094    | 38.392 | ng    | 100      |
| 69) Atrazine                  | 16.690 | 200  | 103824   | 41.726 | ng    | 100      |
| 70) Pentachlorophenol         | 16.872 | 266  | 66146    | 42.696 | ng    | 100      |
| 71) Phenanthrene              | 17.265 | 178  | 469432   | 41.086 | ng    | 100      |
| 72) Anthracene                | 17.354 | 178  | 481293   | 41.411 | ng    | 100      |
| 73) Carbazole                 | 17.624 | 167  | 434112   | 42.400 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.194 | 149  | 524841   | 42.668 | ng    | 100      |
| 75) Fluoranthene              | 19.275 | 202  | 565136   | 42.067 | ng    | 100      |
| 77) Benzidine                 | 19.457 | 184  | 205659   | 42.340 | ng    | 100      |
| 78) Pyrene                    | 19.633 | 202  | 601727   | 41.364 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.532 | 149  | 228304   | 41.610 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.431 | 228  | 598710   | 40.530 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.355 | 252  | 197938   | 41.144 | ng    | 100      |
| 83) Chrysene                  | 21.496 | 228  | 576127   | 40.625 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.361 | 149  | 338114   | 41.046 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.501 | 149  | 583481   | 40.652 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.847 | 276  | 699504   | 40.973 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.511 | 252  | 587871   | 41.666 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.576 | 252  | 570589   | 39.695 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.322 | 252  | 541764   | 41.278 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.906 | 278  | 567245   | 41.382 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.911 | 276  | 541401   | 40.590 | ng    | 100      |

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

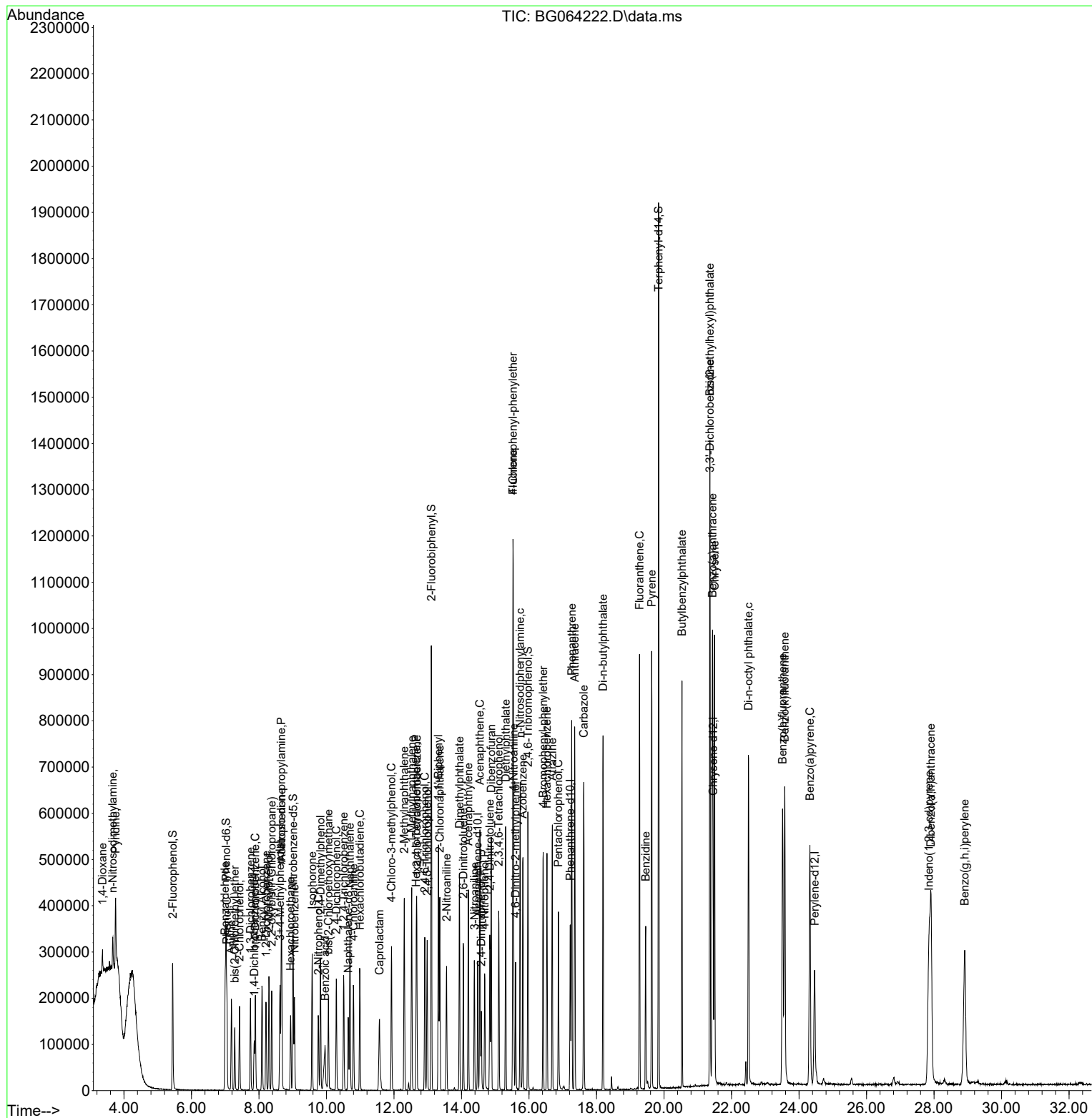
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
Data File : BG064222.D  
Acq On : 28 Aug 2025 13:33  
Operator : RC/JU  
Sample : SSTDICC040  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

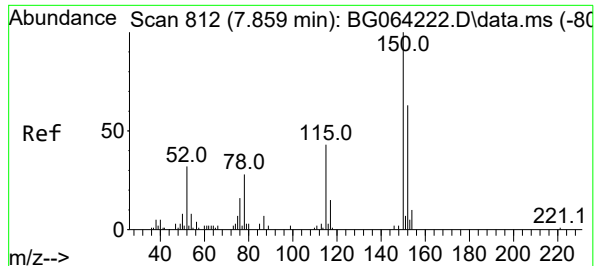
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICCC040

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jaagrut Upadhyay 08/29/2025

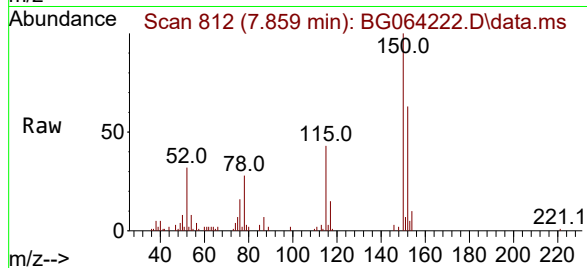
Quant Time: Aug 28 18:40:42 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.859 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

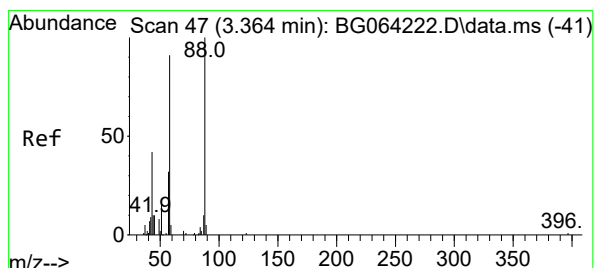
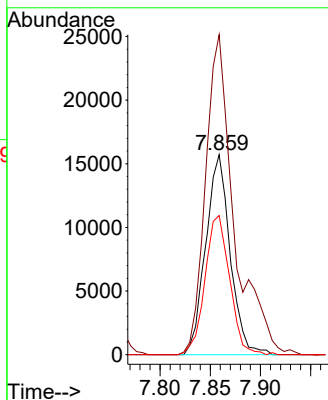
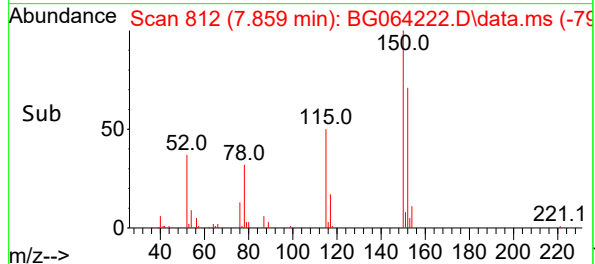
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:152 Resp: 2668  
Ion Ratio Lower Upper  
152 100  
150 160.0 128.0 192.0  
115 69.6 55.7 83.5

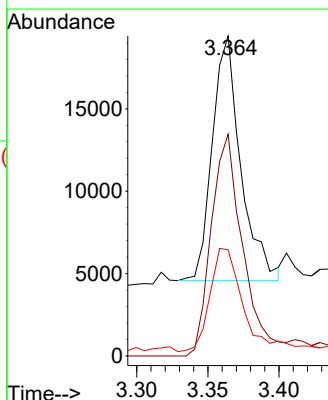
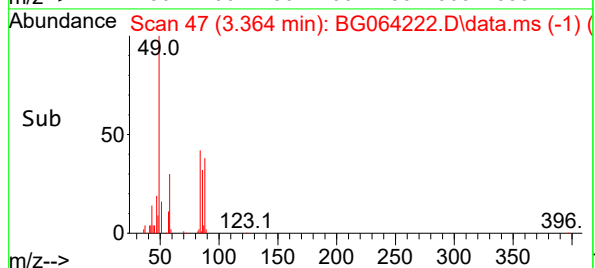
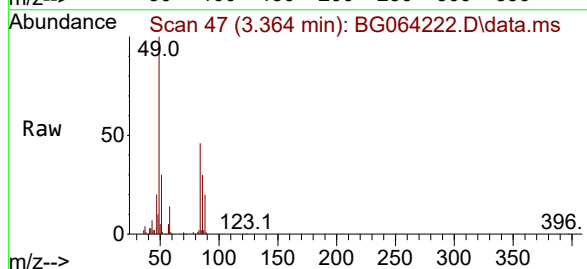
Manual Integrations  
APPROVED

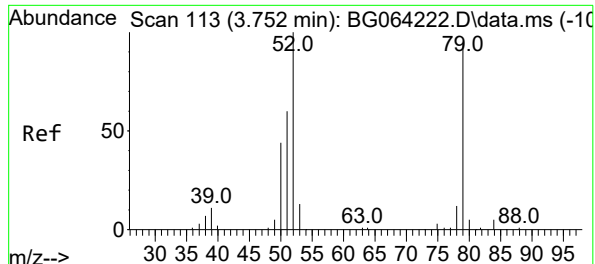
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#2  
1,4-Dioxane  
Concen: 33.302 ng  
RT: 3.364 min Scan# 47  
Delta R.T. 0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

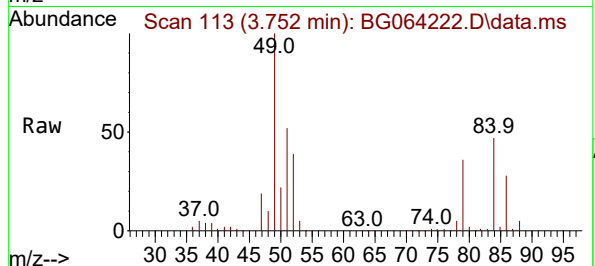
Tgt Ion: 88 Resp: 20648  
Ion Ratio Lower Upper  
88 100  
58 101.0 80.8 121.2  
43 50.4 40.3 60.5





#3  
Pyridine  
Concen: 39.129 ng  
RT: 3.752 min Scan# 113  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

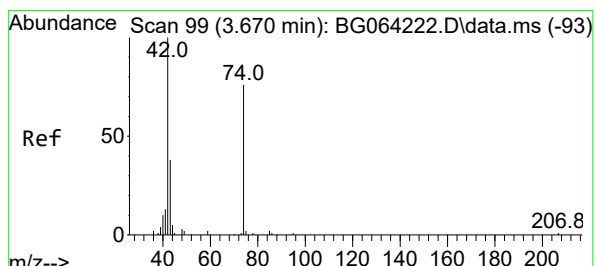
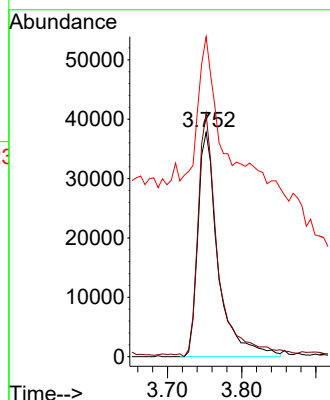
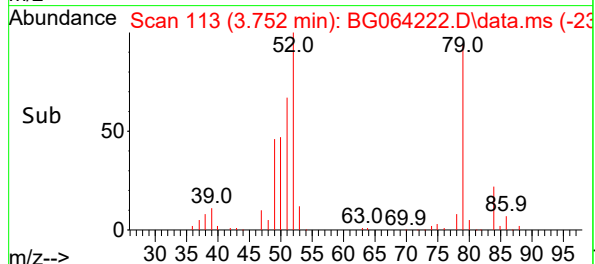
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 79 Resp: 71410  
Ion Ratio Lower Upper  
79 100  
52 108.2 86.6 129.8  
51 142.6 114.1 171.1

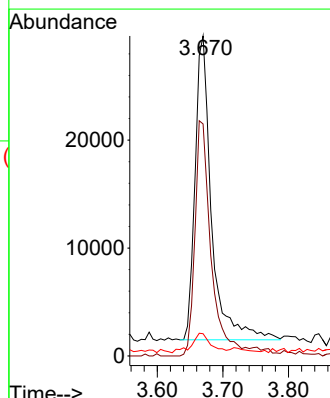
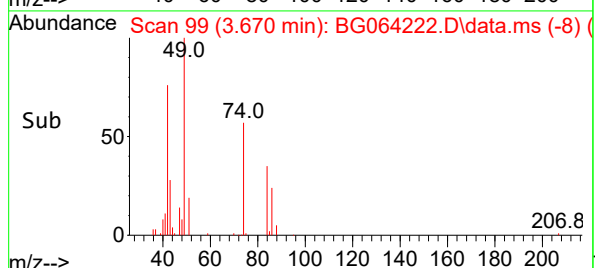
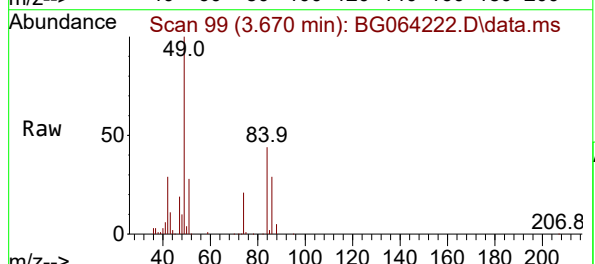
Manual Integrations  
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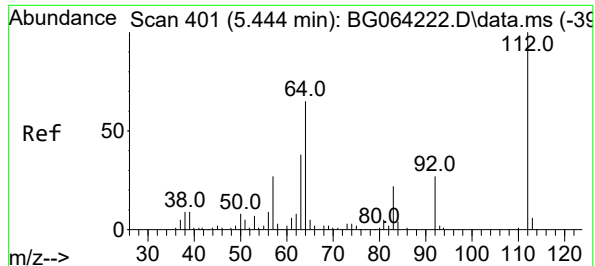
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#4  
n-Nitrosodimethylamine  
Concen: 40.750 ng  
RT: 3.670 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

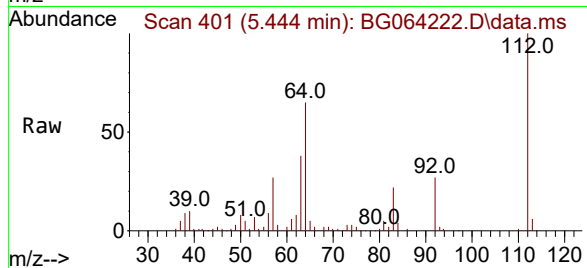
Tgt Ion: 42 Resp: 49194  
Ion Ratio Lower Upper  
42 100  
74 72.5 58.0 87.0  
44 6.9 5.5 8.3





#5  
2-Fluorophenol  
Concen: 79.246 ng  
RT: 5.444 min Scan# 401  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

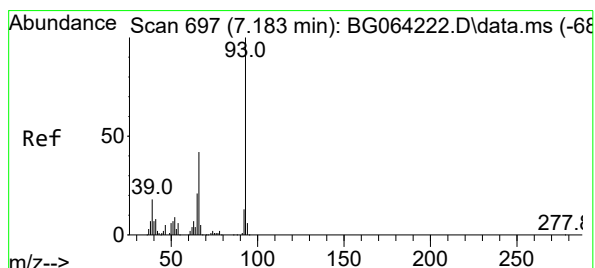
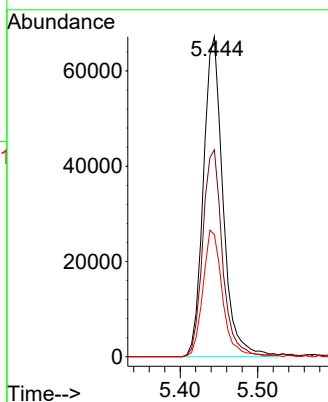
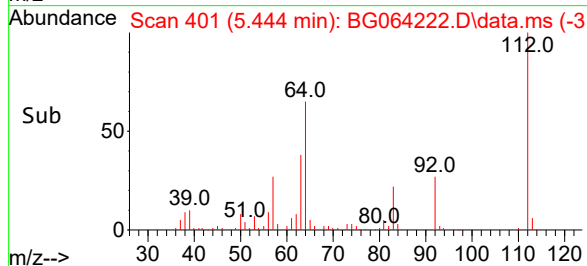
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:112 Resp: 11788  
Ion Ratio Lower Upper  
112 100  
64 64.7 51.8 77.6  
63 38.2 30.6 45.8

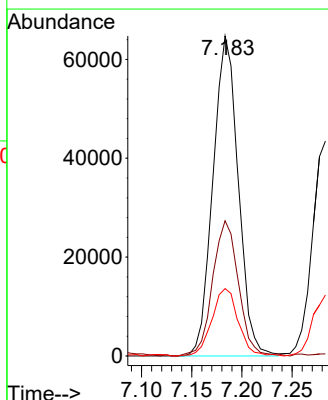
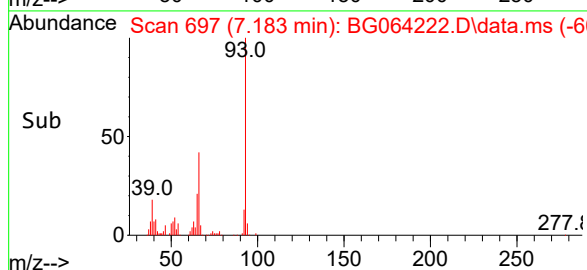
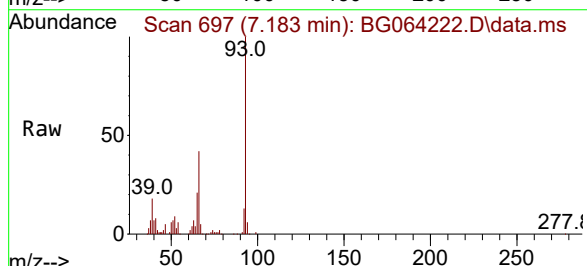
Manual Integrations  
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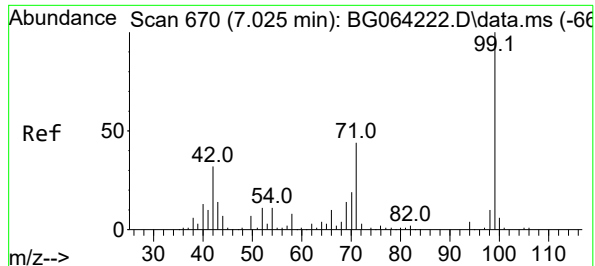
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#6  
Aniline  
Concen: 40.128 ng  
RT: 7.183 min Scan# 697  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 113404  
Ion Ratio Lower Upper  
93 100  
66 42.3 33.8 50.8  
65 21.1 16.9 25.3





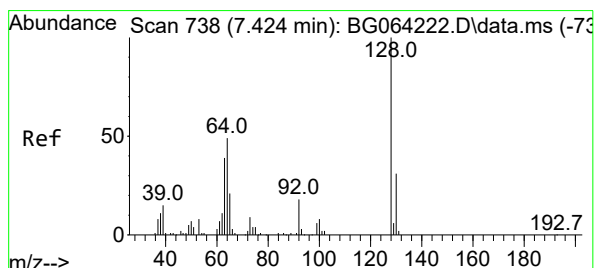
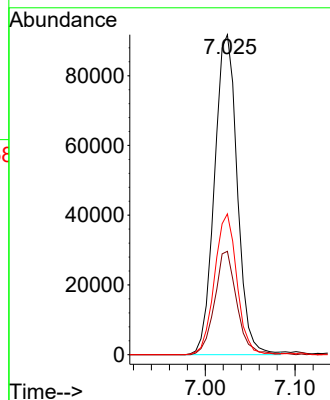
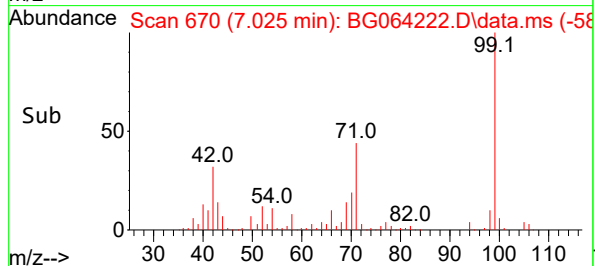
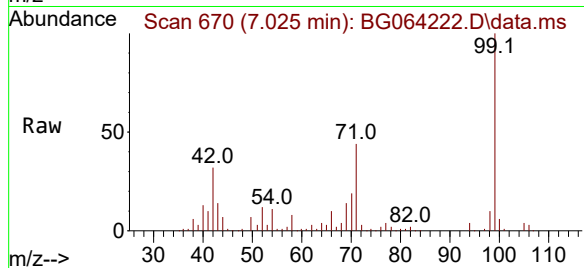
#7  
Phenol-d6  
Concen: 79.133 ng  
RT: 7.025 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 99 Resp: 161720  
Ion Ratio Lower Upper  
99 100  
42 32.3 25.8 38.8  
71 44.0 35.2 52.8

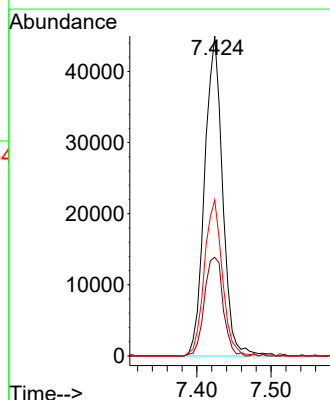
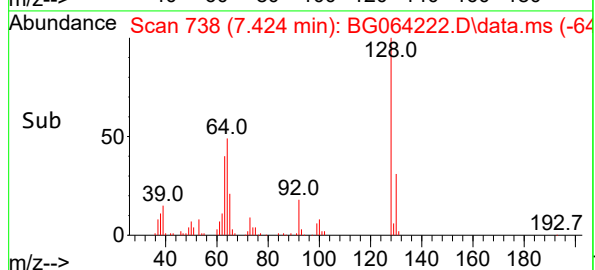
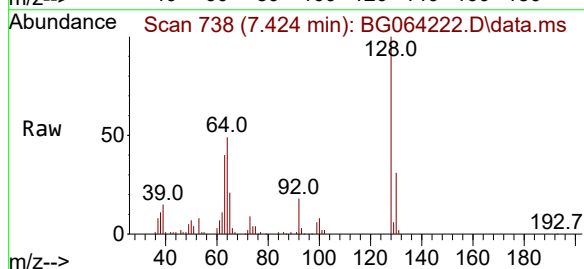
Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

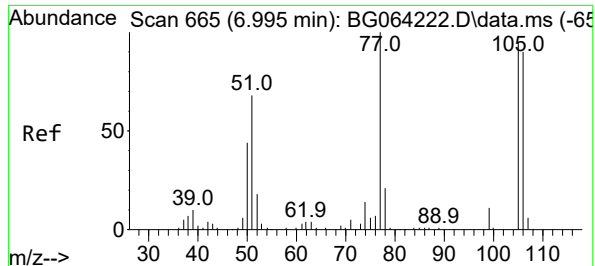


#8  
2-Chlorophenol  
Concen: 41.650 ng  
RT: 7.424 min Scan# 738  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion:128 Resp: 75709  
Ion Ratio Lower Upper  
128 100  
130 30.9 10.9 50.9  
64 48.7 28.7 68.7







#9

Benzaldehyde

Concen: 43.623 ng

RT: 6.995 min Scan# 665

Delta R.T. 0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 7336

Ion Ratio Lower Upper

77 100

105 95.2 75.2 115.2

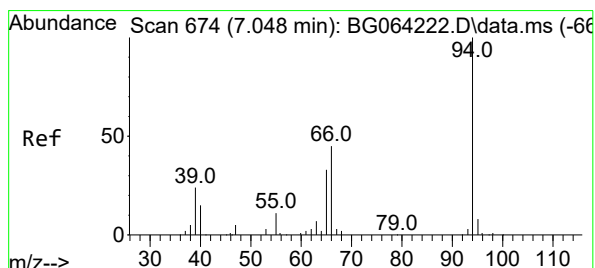
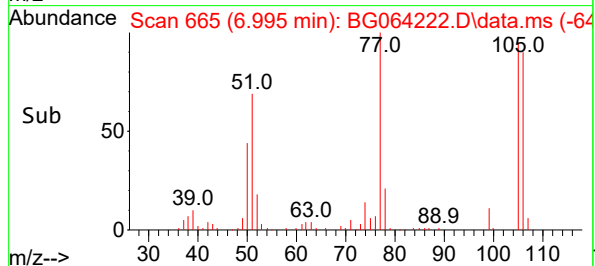
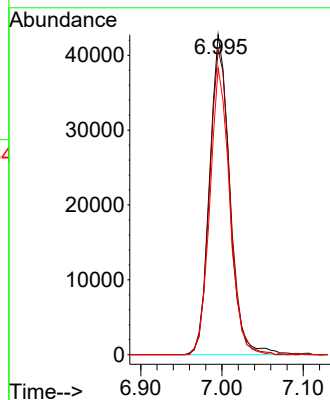
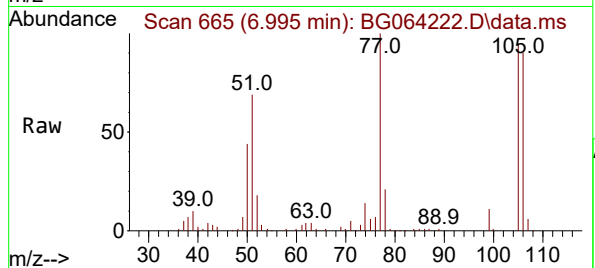
106 89.6 69.6 109.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 39.529 ng

RT: 7.048 min Scan# 674

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

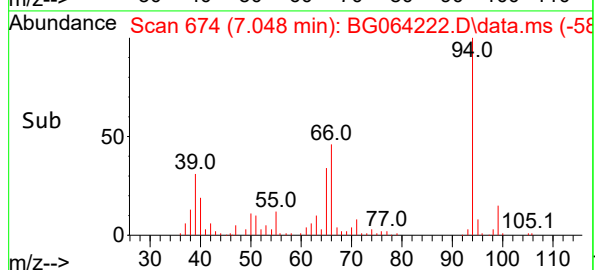
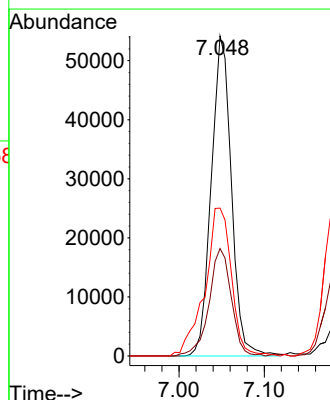
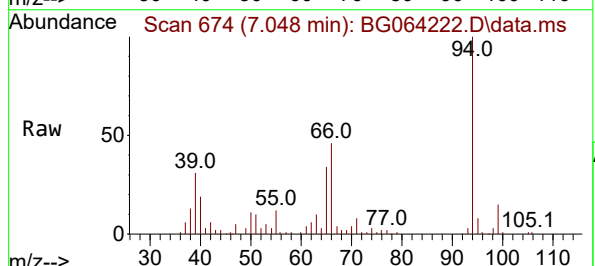
Tgt Ion: 94 Resp: 89064

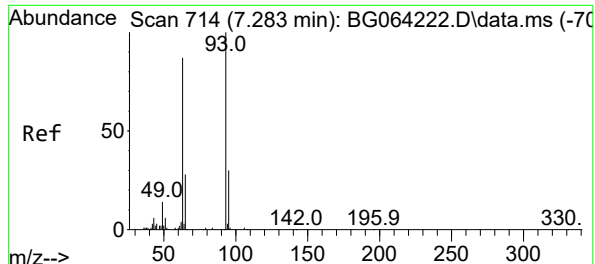
Ion Ratio Lower Upper

94 100

65 33.5 13.5 53.5

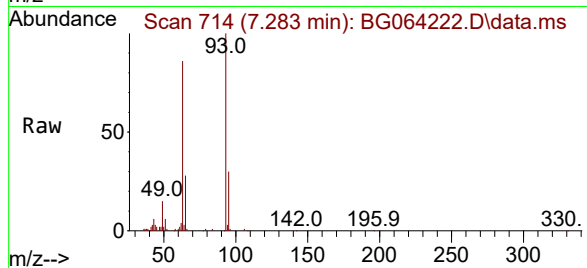
66 46.2 26.2 66.2





#11  
bis(2-Chloroethyl)ether  
Concen: 40.387 ng  
RT: 7.283 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

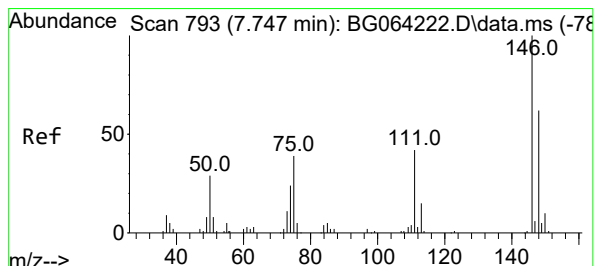
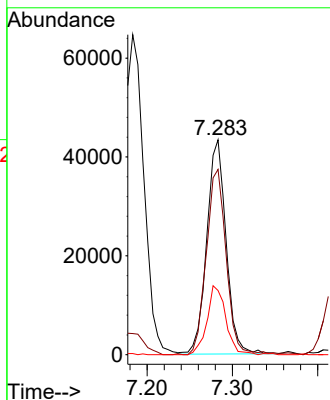
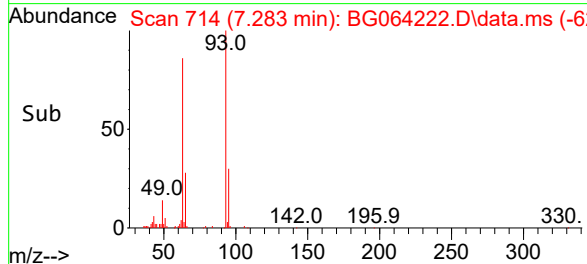
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



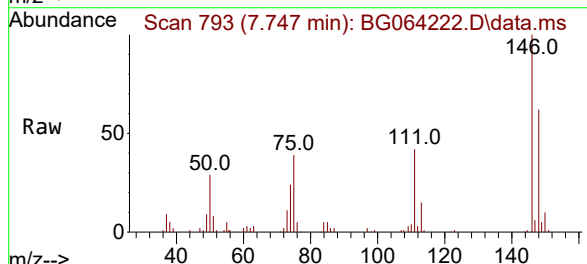
Tgt Ion: 93 Resp: 68380  
Ion Ratio Lower Upper  
93 100  
63 86.2 66.2 106.2  
95 29.8 9.8 49.8

Manual Integrations  
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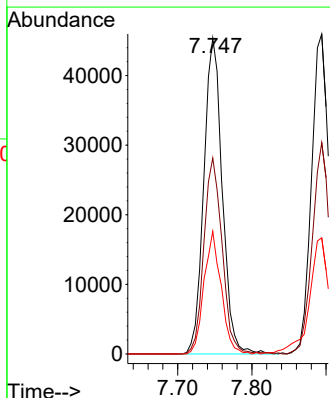
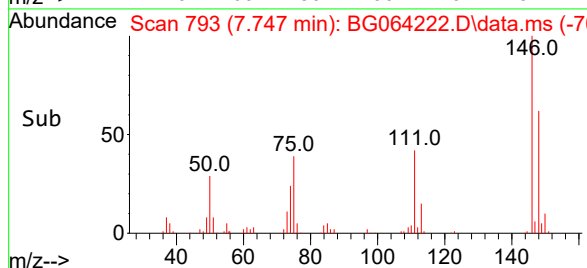
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

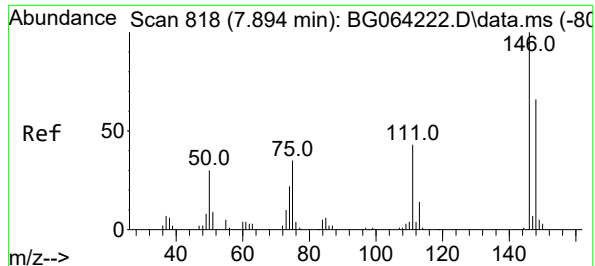


#12  
1,3-Dichlorobenzene  
Concen: 40.615 ng  
RT: 7.747 min Scan# 793  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33



Tgt Ion:146 Resp: 78542  
Ion Ratio Lower Upper  
146 100  
148 62.0 49.6 74.4  
75 38.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 40.101 ng

RT: 7.894 min Scan# 818

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 78264

Ion Ratio Lower Upper

146 100

148 66.0 52.8 79.2

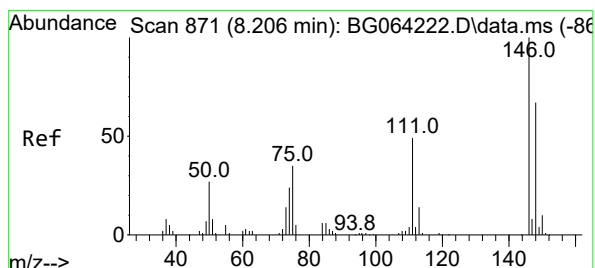
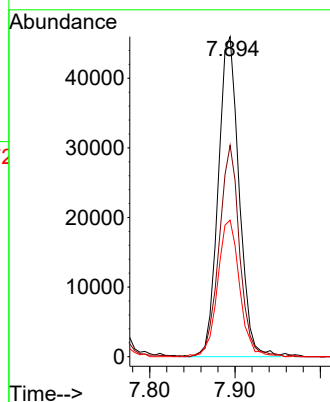
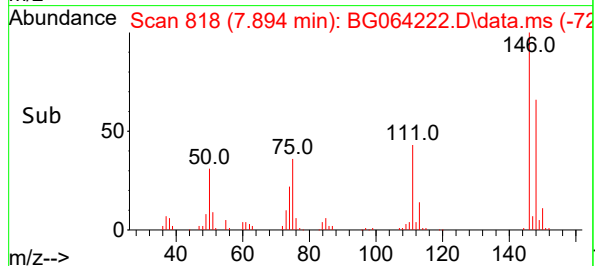
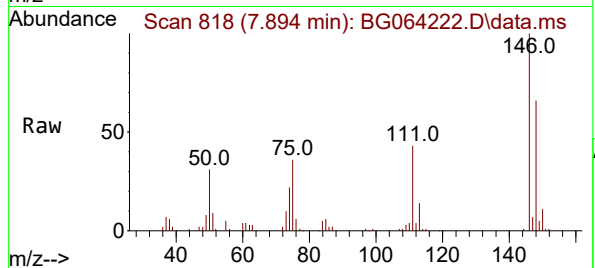
111 42.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 39.936 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

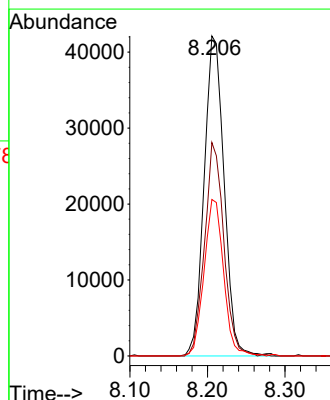
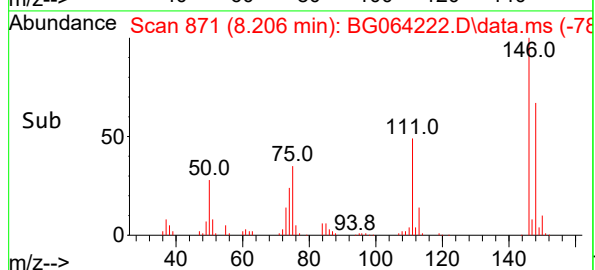
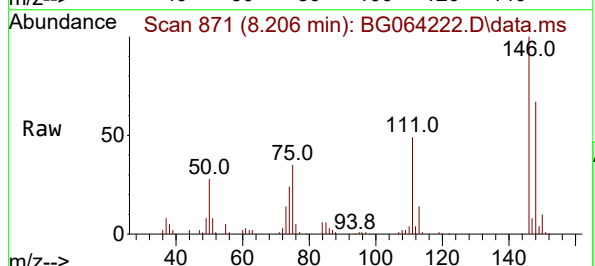
Tgt Ion:146 Resp: 75225

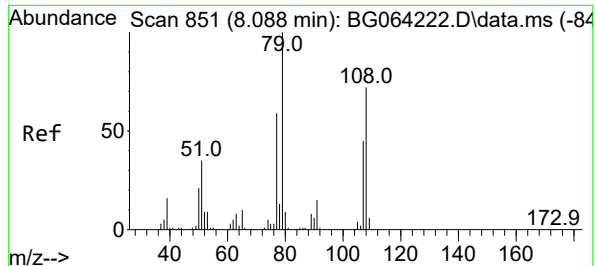
Ion Ratio Lower Upper

146 100

148 66.7 53.4 80.0

111 48.9 39.1 58.7





#15

Benzyl Alcohol

Concen: 40.370 ng

RT: 8.088 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 76134

Ion Ratio Lower Upper

79 100

108 71.7 57.4 86.0

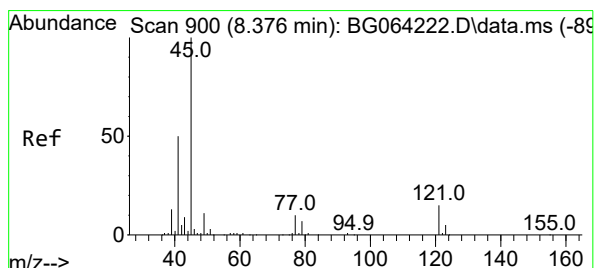
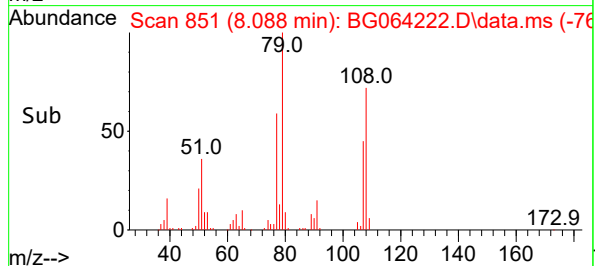
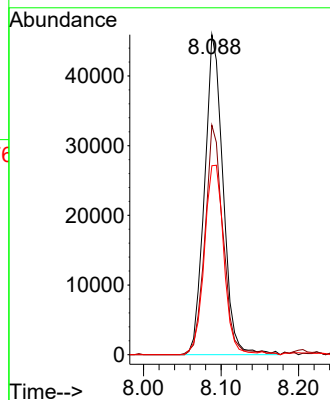
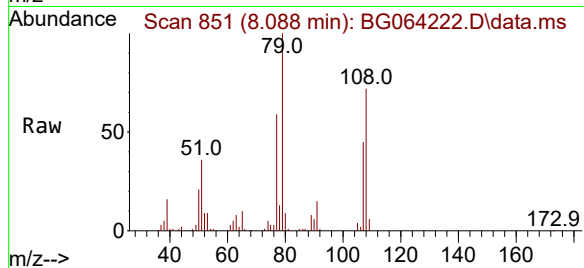
77 59.0 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.005 ng

RT: 8.376 min Scan# 900

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

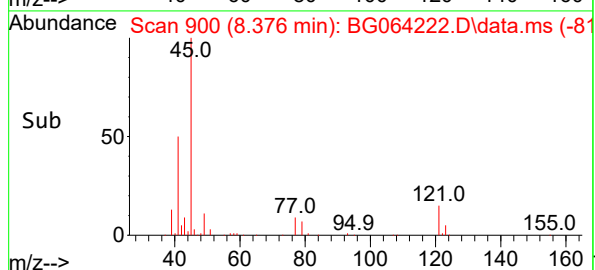
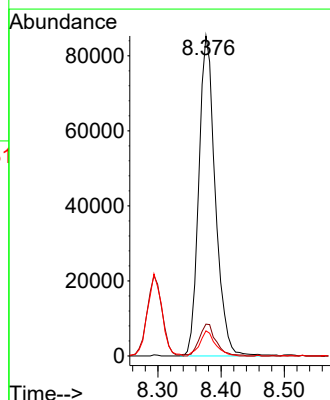
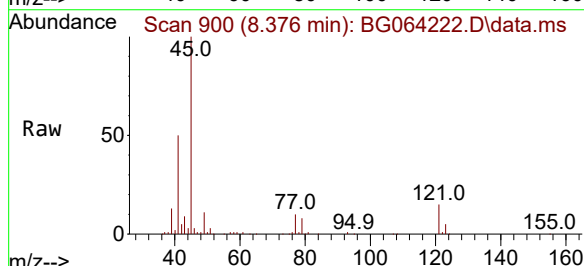
Tgt Ion: 45 Resp: 154642

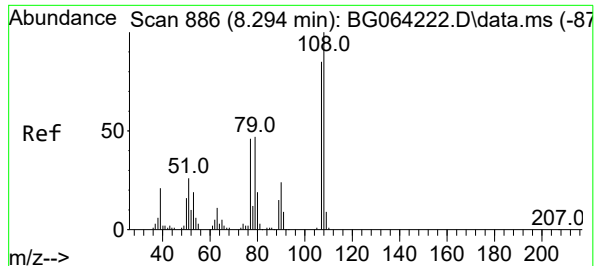
Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 7.9 0.0 27.9





#17

2-Methylphenol

Concen: 40.073 ng

RT: 8.294 min Scan# 886

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 6729

Ion Ratio Lower Upper

107 100

108 118.2 94.6 141.8

77 54.6 43.7 65.5

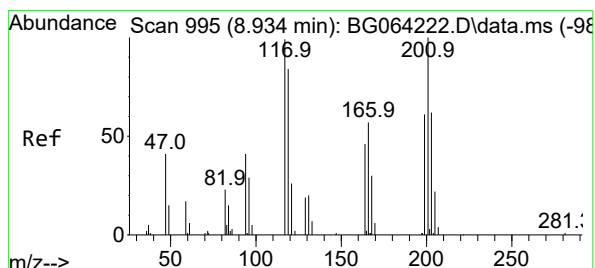
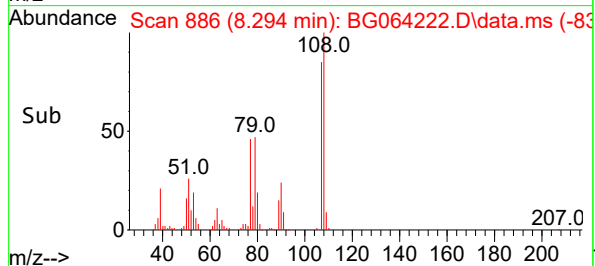
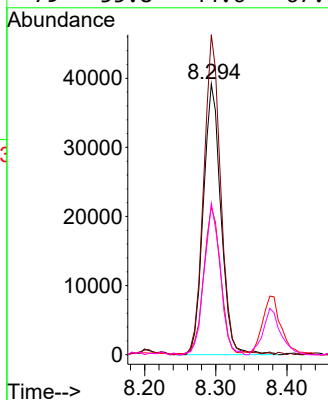
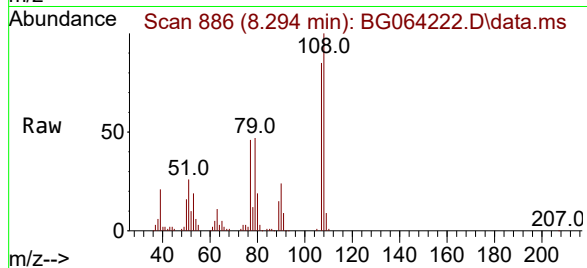
79 55.8 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 40.841 ng

RT: 8.934 min Scan# 995

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

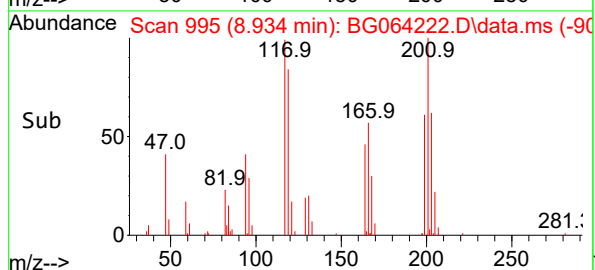
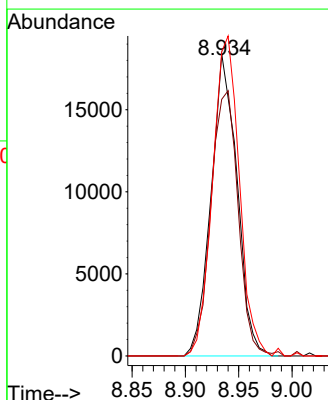
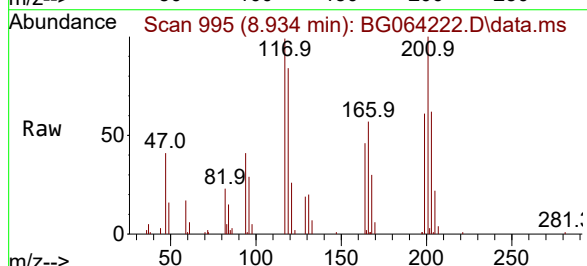
Tgt Ion:117 Resp: 31114

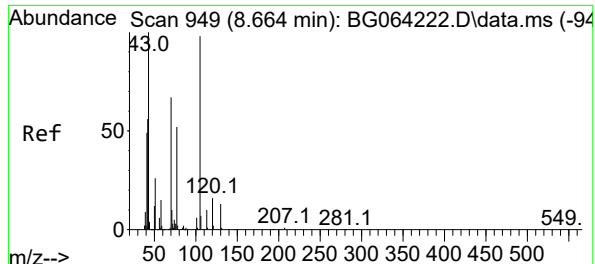
Ion Ratio Lower Upper

117 100

119 84.9 67.9 101.9

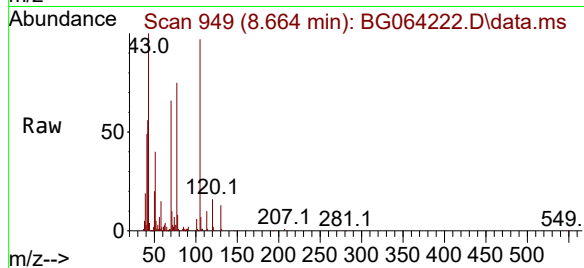
201 100.6 80.5 120.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.049 ng  
RT: 8.664 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

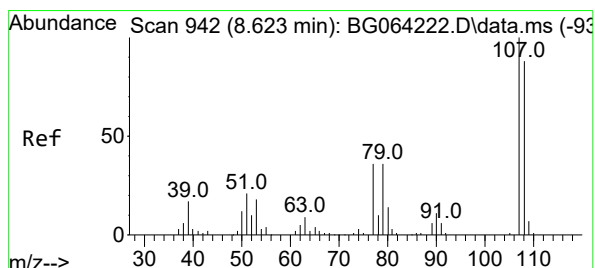
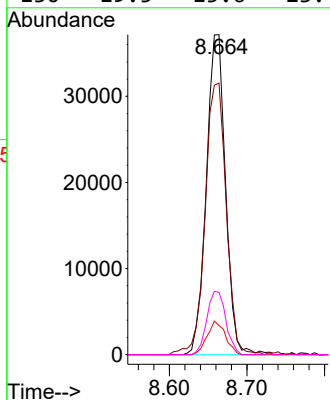
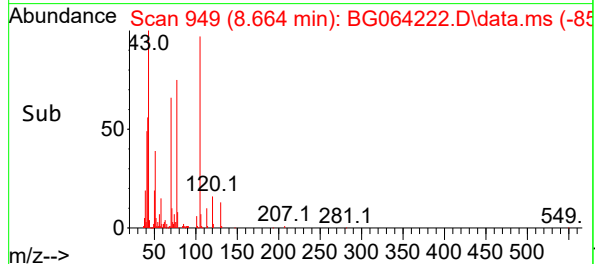
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 70 Resp: 64204  
Ion Ratio Lower Upper  
70 100  
42 84.9 67.9 101.9  
101 9.1 7.3 10.9  
130 19.5 15.6 23.4

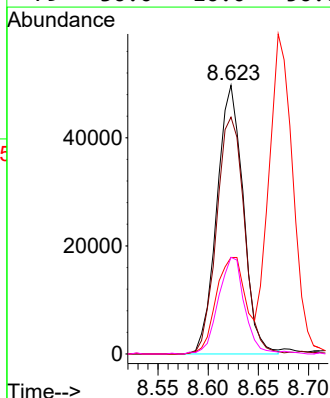
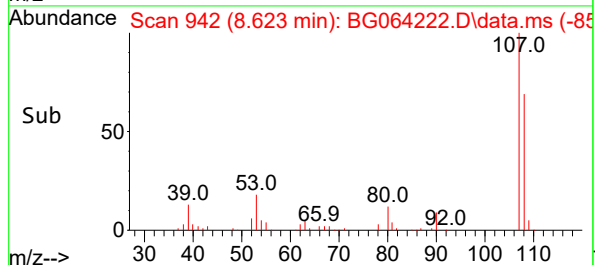
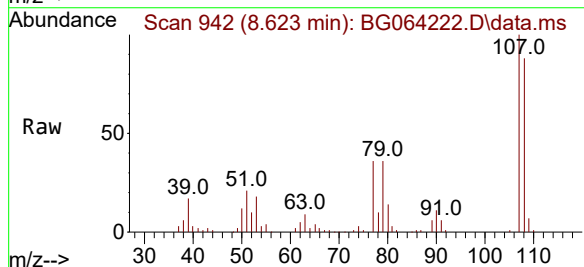
Manual Integrations  
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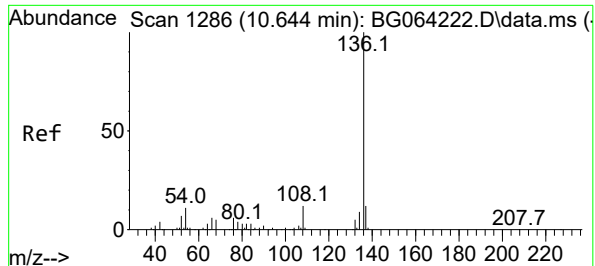
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#20  
3+4-Methylphenols  
Concen: 38.939 ng  
RT: 8.623 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

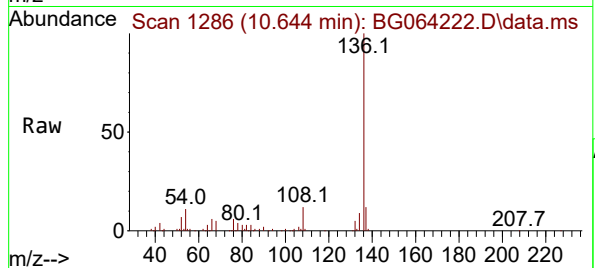
Tgt Ion:107 Resp: 90856  
Ion Ratio Lower Upper  
107 100  
108 88.1 68.1 108.1  
77 35.9 15.9 55.9  
79 36.0 16.0 56.0





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.644 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

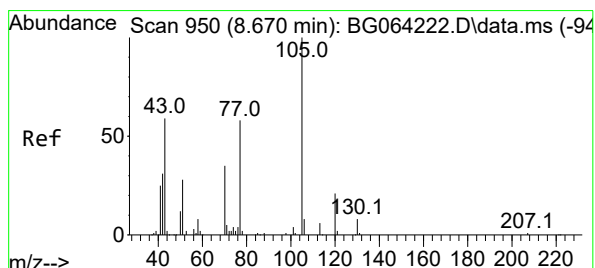
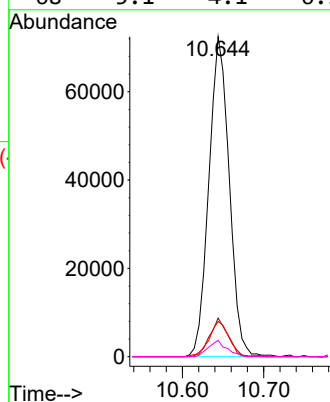
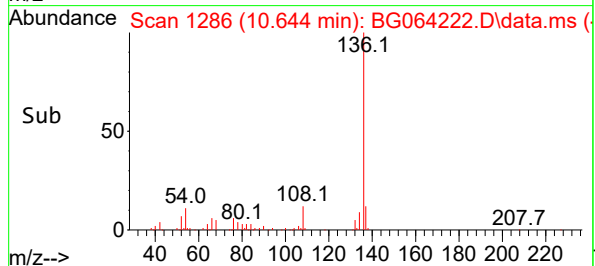
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:136 Resp: 126200  
Ion Ratio Lower Upper  
136 100  
137 12.0 9.6 14.4  
54 11.0 8.8 13.2  
68 5.1 4.1 6.1

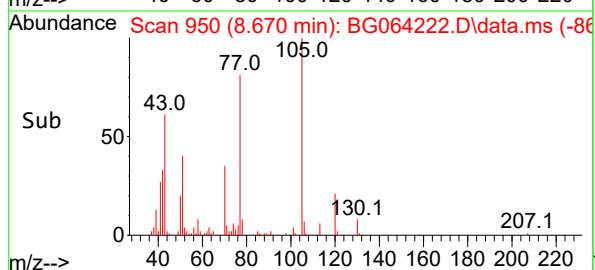
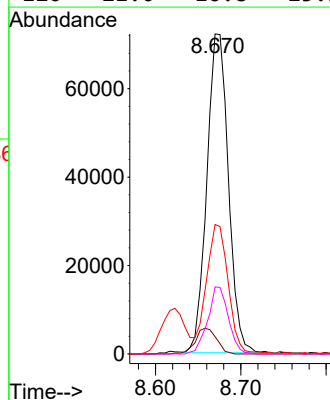
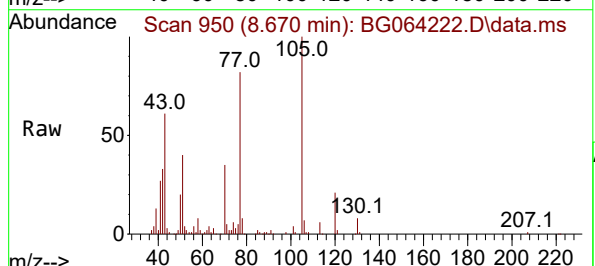
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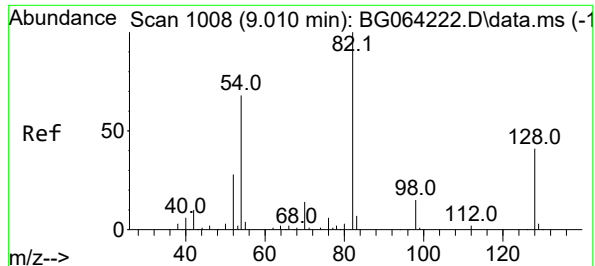
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#22  
Acetophenone  
Concen: 39.689 ng  
RT: 8.670 min Scan# 950  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion:105 Resp: 126717  
Ion Ratio Lower Upper  
105 100  
71 5.4 4.3 6.5  
51 40.5 32.4 48.6  
120 21.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 81.509 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 18444

Ion Ratio Lower Upper

82 100

128 40.7 32.6 48.8

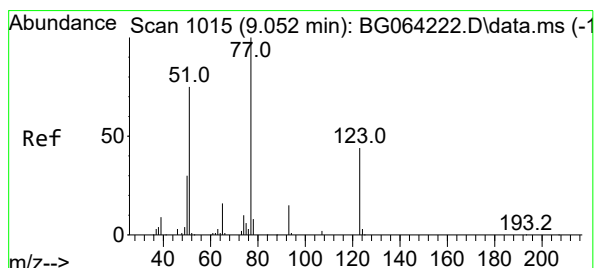
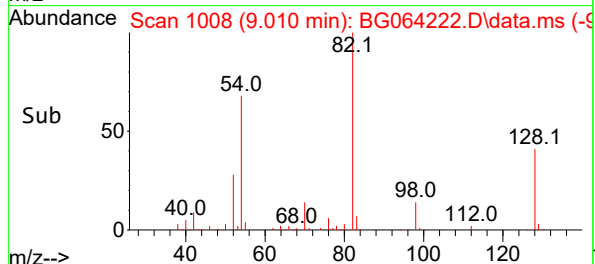
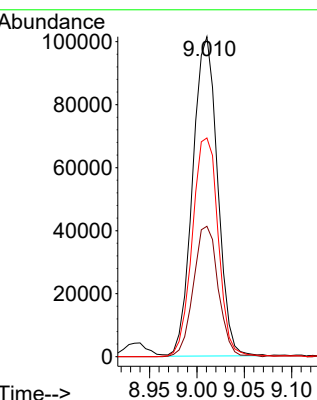
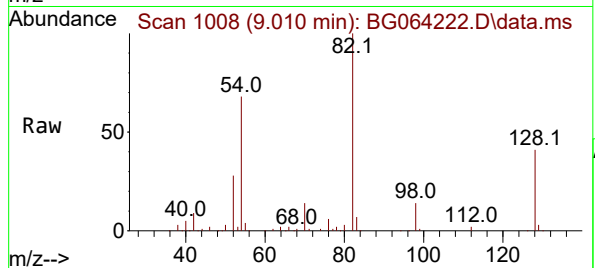
54 68.4 54.7 82.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#24

Nitrobenzene

Concen: 41.447 ng

RT: 9.052 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

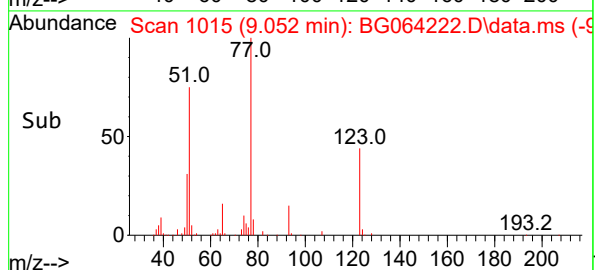
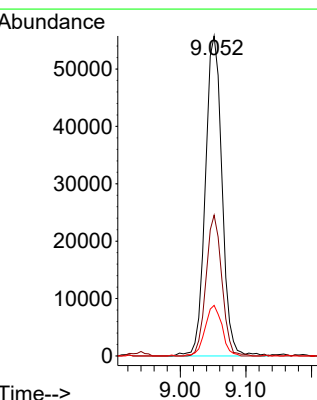
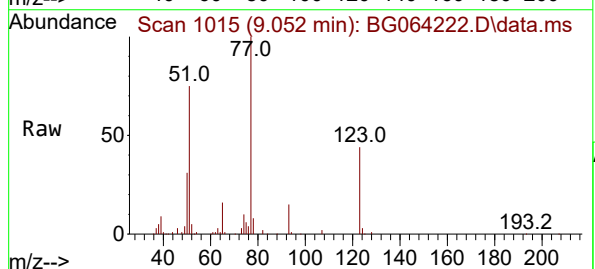
Tgt Ion: 77 Resp: 97991

Ion Ratio Lower Upper

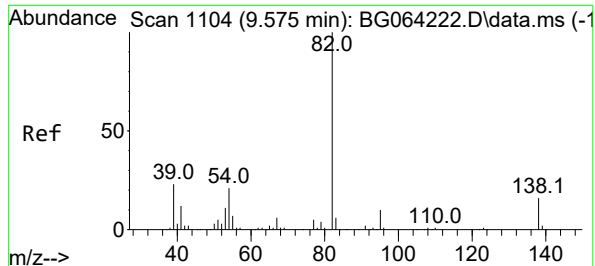
77 100

123 44.0 35.2 52.8

65 15.8 12.6 19.0

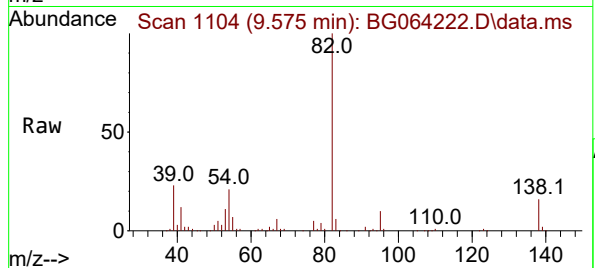






#25  
Isophorone  
Concen: 40.142 ng  
RT: 9.575 min Scan# 1104  
Delta R.T. -0.012 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

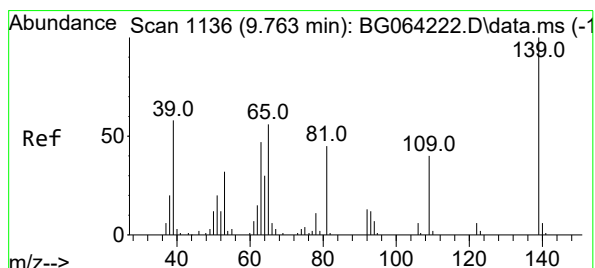
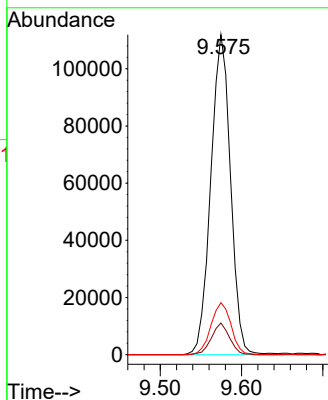
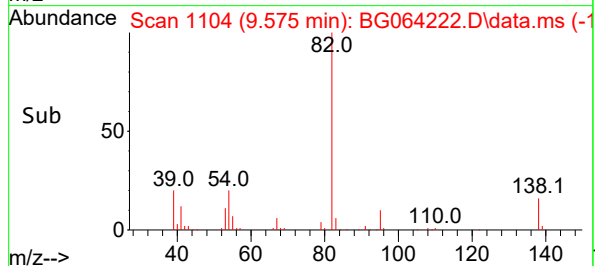
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 82 Resp: 188784  
Ion Ratio Lower Upper  
82 100  
95 9.9 7.9 11.9  
138 16.2 13.0 19.4

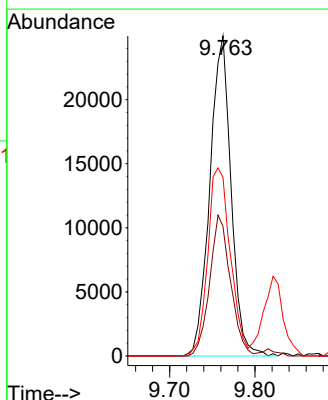
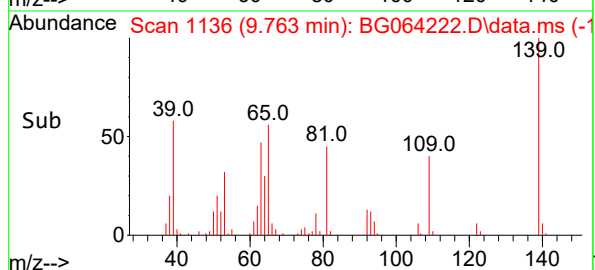
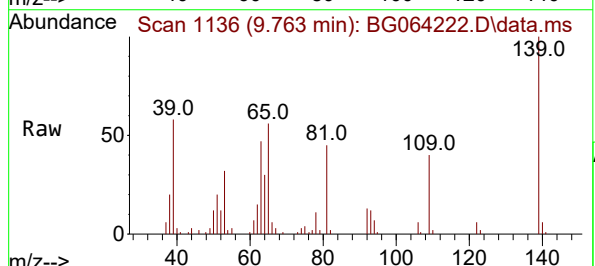
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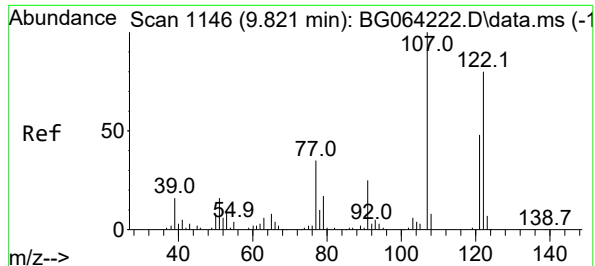
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#26  
2-Nitrophenol  
Concen: 42.309 ng  
RT: 9.763 min Scan# 1136  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion:139 Resp: 43222  
Ion Ratio Lower Upper  
139 100  
109 40.5 32.4 48.6  
65 55.8 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 41.756 ng

RT: 9.821 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 7489

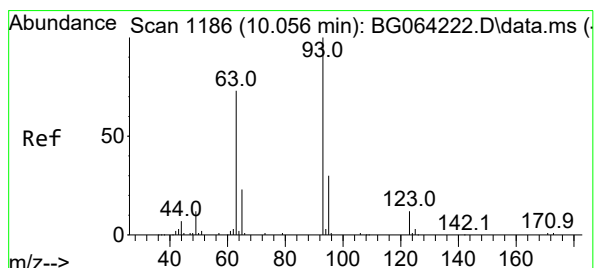
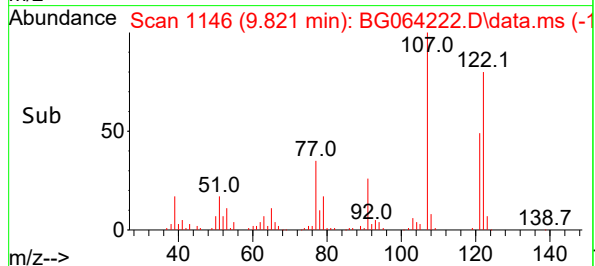
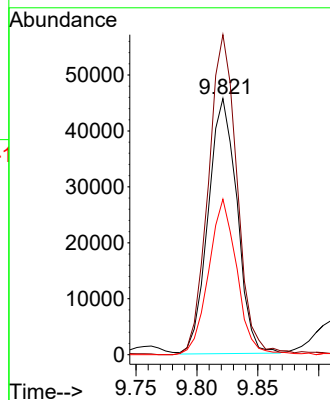
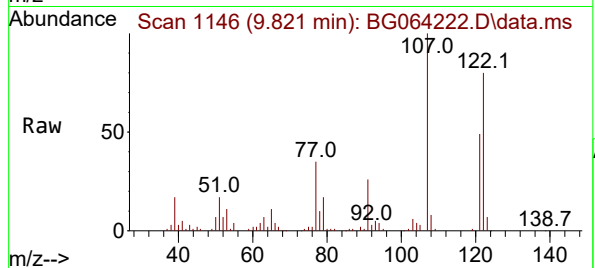
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 124.9 | 99.9  | 149.9 |
| 121 | 60.7  | 48.6  | 72.8  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.188 ng

RT: 10.056 min Scan# 1186

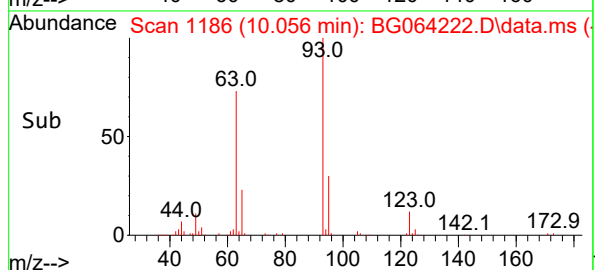
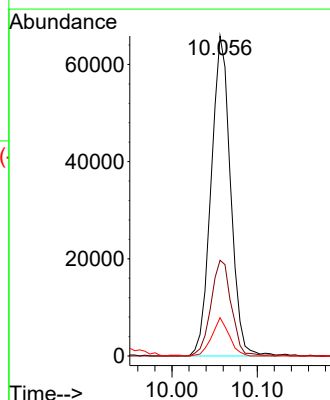
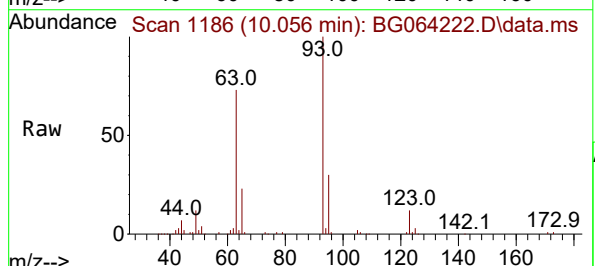
Delta R.T. -0.006 min

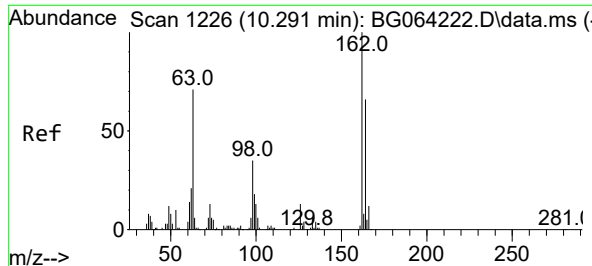
Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion: 93 Resp: 104447

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 29.9  | 23.9  | 35.9  |
| 123 | 12.0  | 9.6   | 14.4  |





#29

2,4-Dichlorophenol

Concen: 41.290 ng

RT: 10.291 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 78139

Ion Ratio Lower Upper

162 100

164 65.8 45.8 85.8

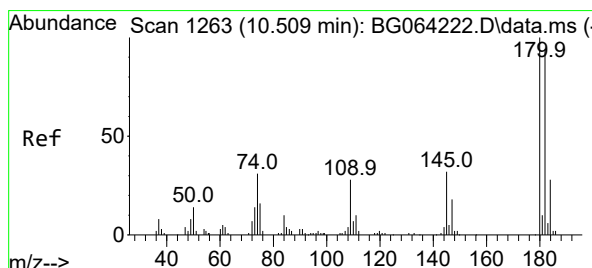
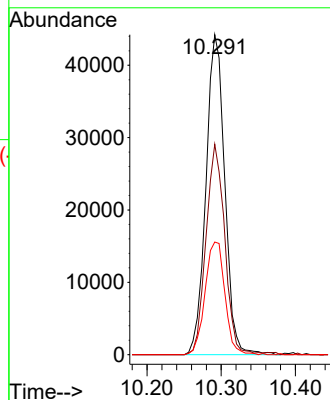
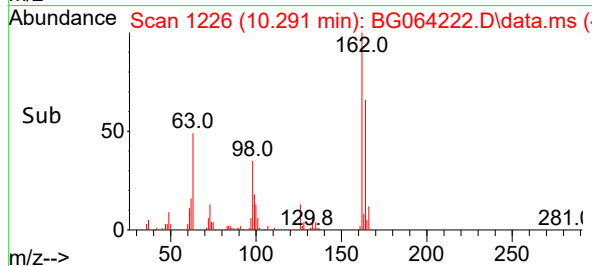
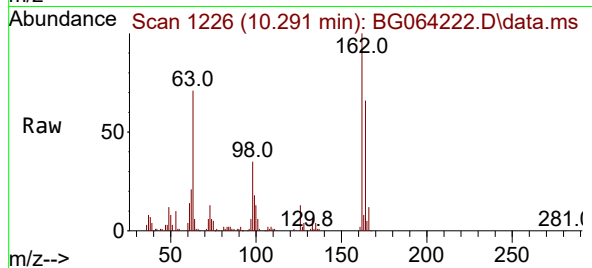
98 35.2 15.2 55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.344 ng

RT: 10.509 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

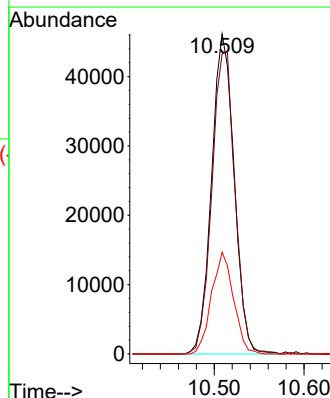
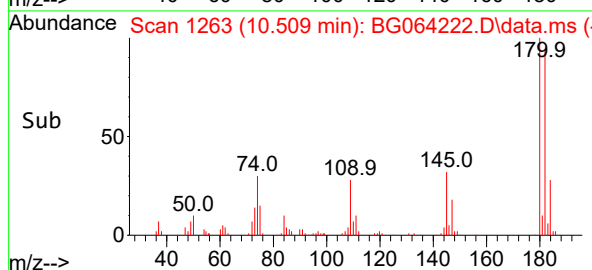
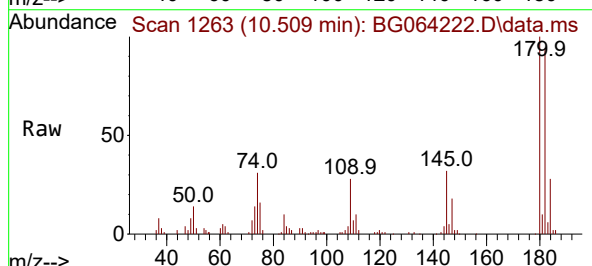
Tgt Ion:180 Resp: 80502

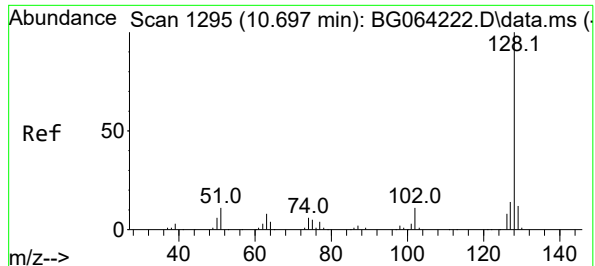
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

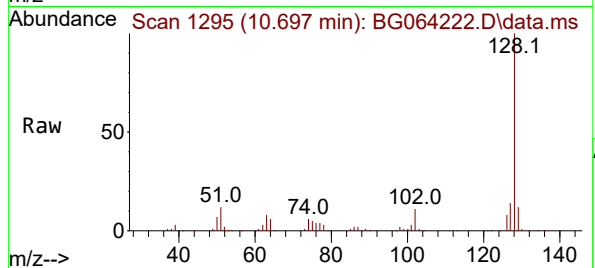
145 31.7 25.4 38.0





#31  
Naphthalene  
Concen: 39.944 ng  
RT: 10.697 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

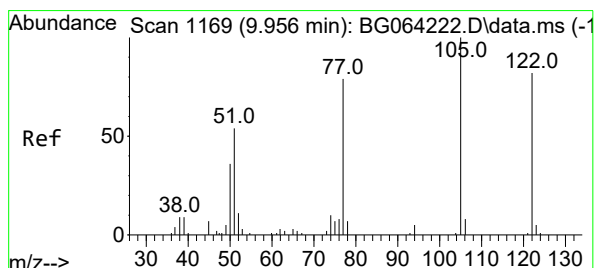
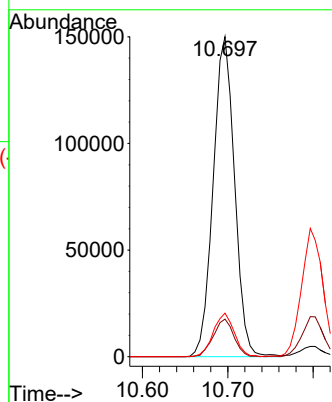
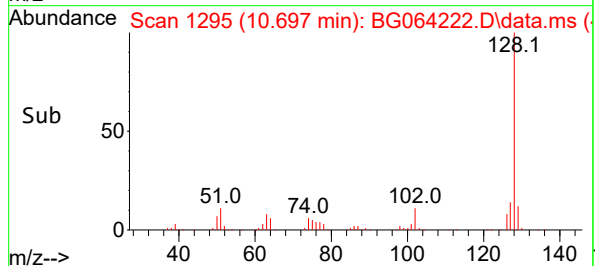
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:128 Resp: 261400  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.4 14.2  
127 13.6 10.9 16.3

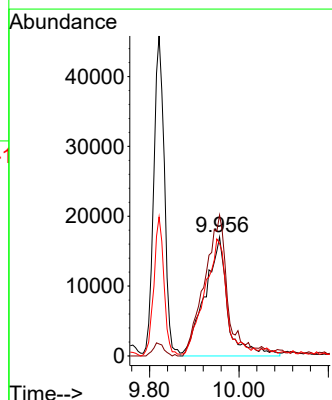
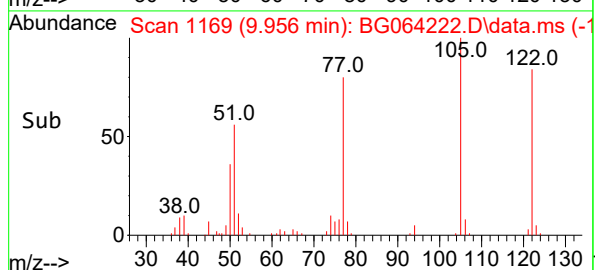
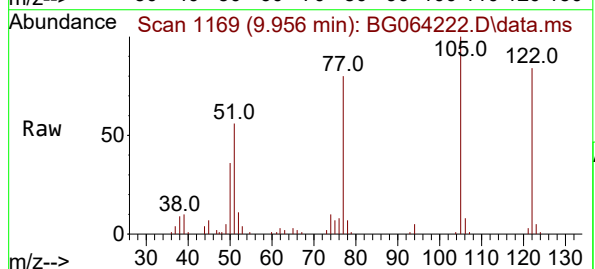
Manual Integrations  
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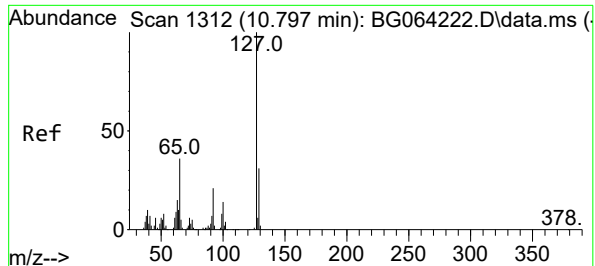
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#32  
Benzoic acid  
Concen: 42.471 ng m  
RT: 9.956 min Scan# 1169  
Delta R.T. -0.059 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

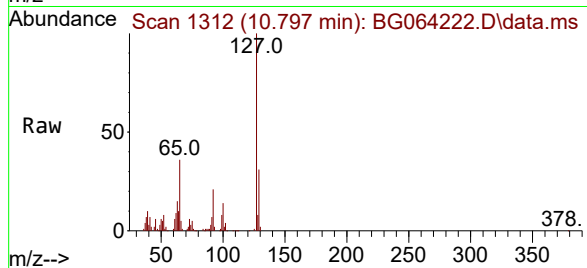
Tgt Ion:122 Resp: 60467  
Ion Ratio Lower Upper  
122 100  
105 118.5 98.5 138.5  
77 94.6 74.6 114.6





#33  
4-Chloroaniline  
Concen: 41.854 ng  
RT: 10.797 min Scan# 1312  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

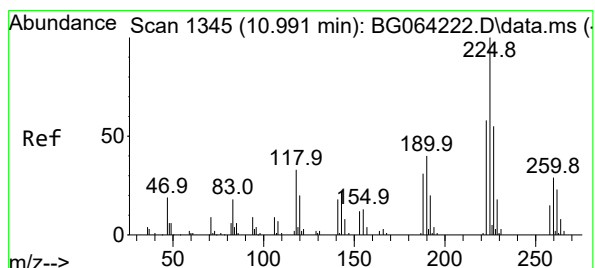
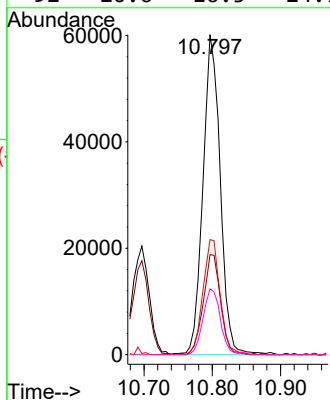
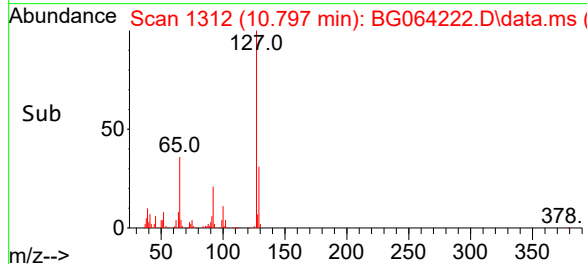
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



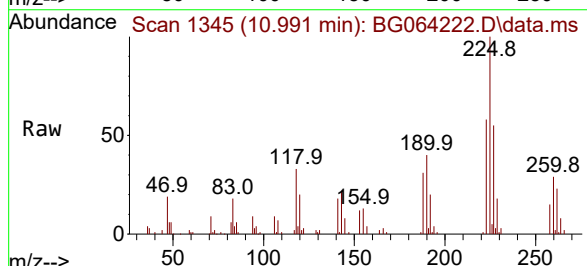
Tgt Ion:127 Resp: 10615  
Ion Ratio Lower Upper  
127 100  
129 31.2 25.0 37.4  
65 35.9 28.7 43.1  
92 20.6 16.5 24.7

Manual Integrations  
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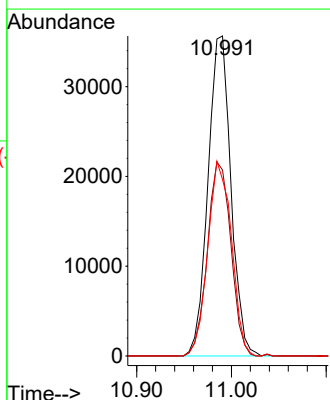
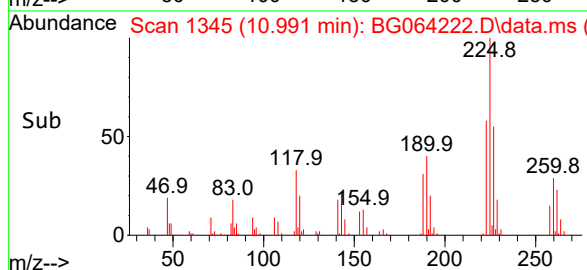
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

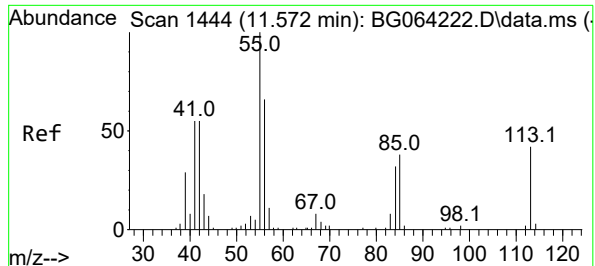


#34  
Hexachlorobutadiene  
Concen: 40.612 ng  
RT: 10.991 min Scan# 1345  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33



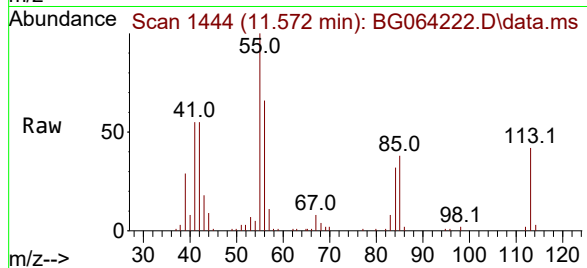
Tgt Ion:225 Resp: 59902  
Ion Ratio Lower Upper  
225 100  
223 58.1 46.5 69.7  
227 55.1 44.1 66.1





#35  
Caprolactam  
Concen: 42.513 ng  
RT: 11.572 min Scan# 1444  
Delta R.T. -0.030 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

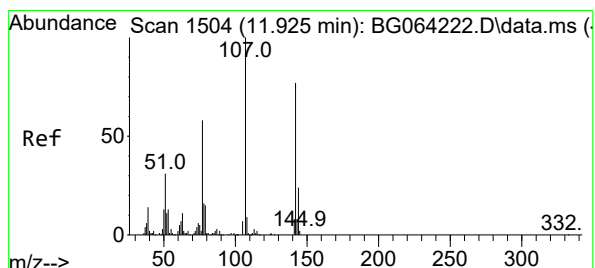
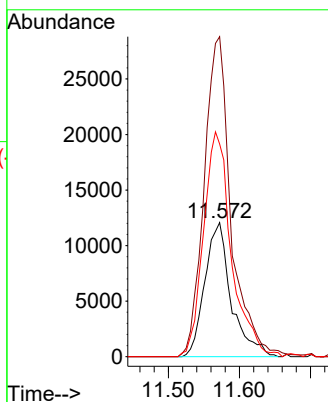
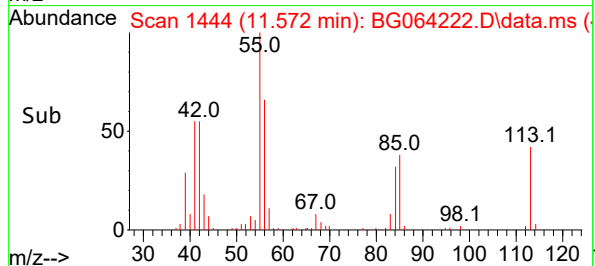
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:113 Resp: 31152  
Ion Ratio Lower Upper  
113 100  
55 238.5 218.5 258.5  
56 158.5 138.5 178.5

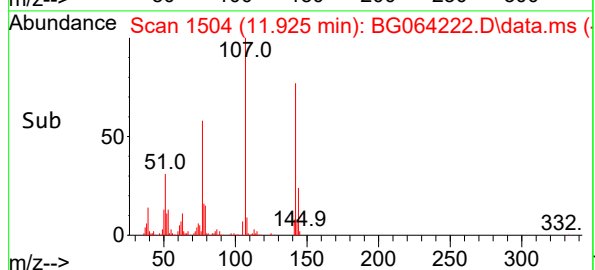
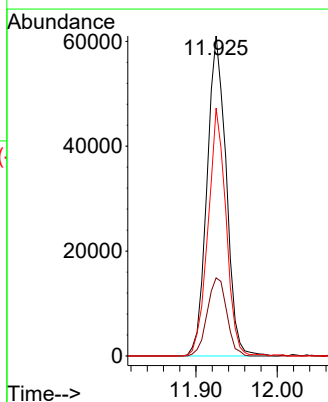
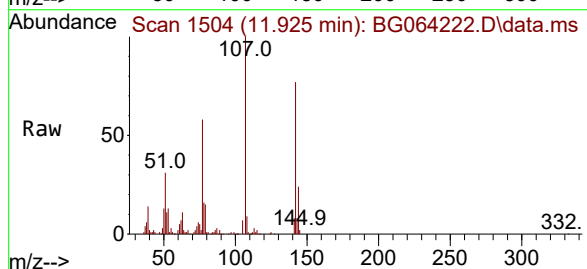
Manual Integrations  
APPROVED

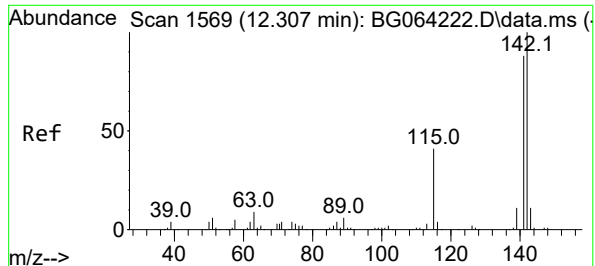
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#36  
4-Chloro-3-methylphenol  
Concen: 40.634 ng  
RT: 11.925 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

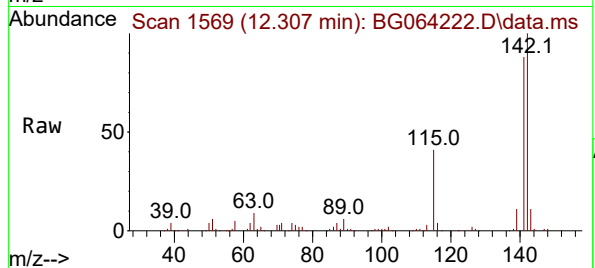
Tgt Ion:107 Resp: 99772  
Ion Ratio Lower Upper  
107 100  
144 24.4 19.5 29.3  
142 77.5 62.0 93.0





#37  
2-Methylnaphthalene  
Concen: 40.881 ng  
RT: 12.307 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

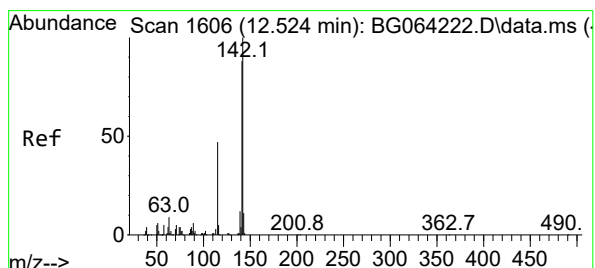
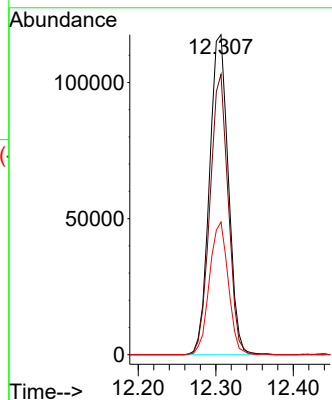
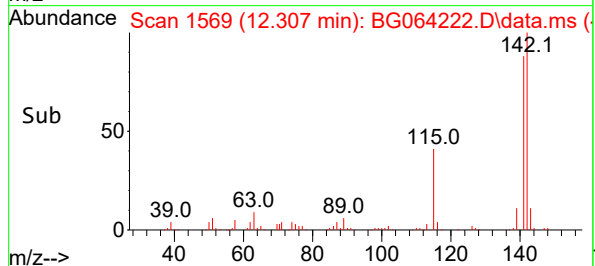
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:142 Resp: 19885  
Ion Ratio Lower Upper  
142 100  
141 87.6 70.1 105.1  
115 41.4 33.1 49.7

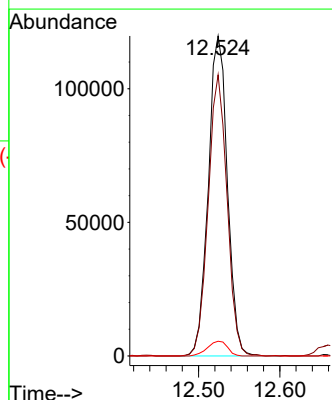
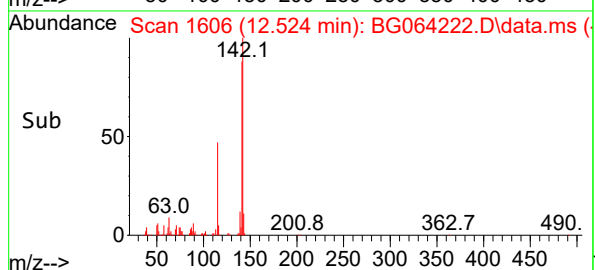
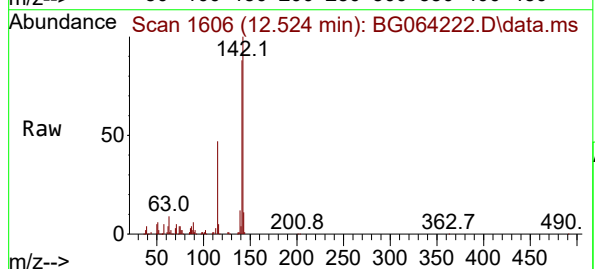
Manual Integrations  
APPROVED

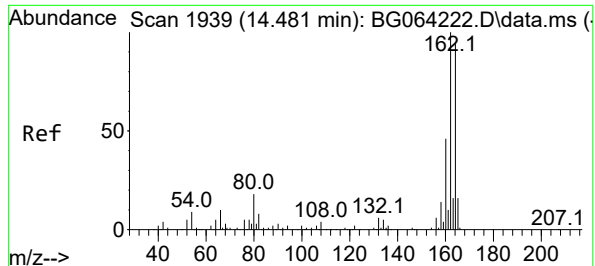
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#38  
1-Methylnaphthalene  
Concen: 40.750 ng  
RT: 12.524 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion:142 Resp: 195785  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.3 105.5  
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

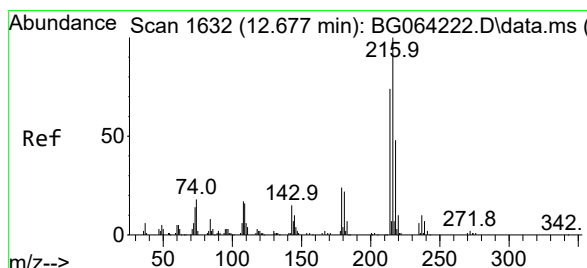
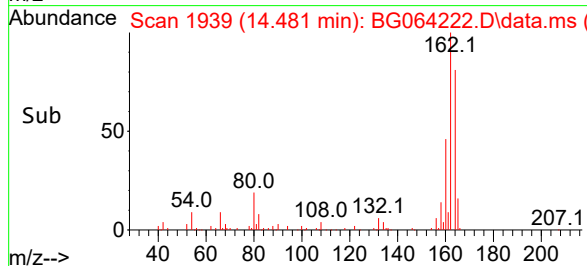
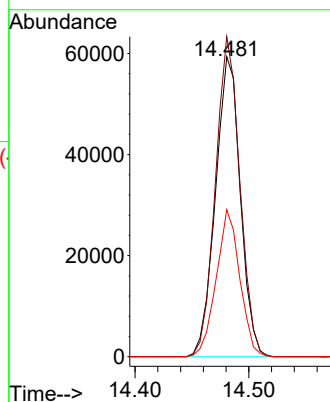
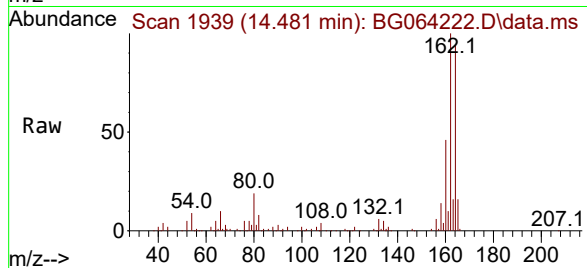
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 9006  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 106.7 | 85.4  | 128.0 |
| 160      | 49.0  | 39.2  | 58.8  |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.372 ng

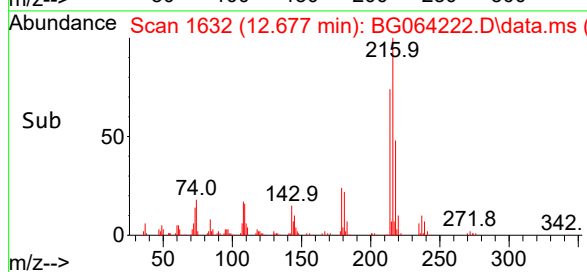
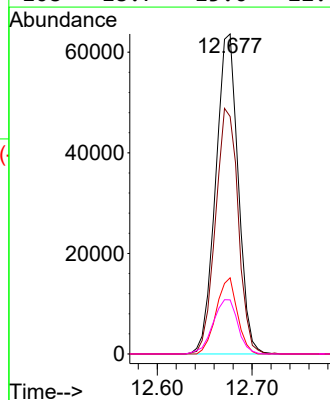
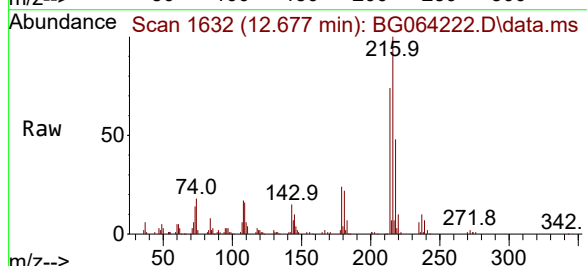
RT: 12.677 min Scan# 1632

Delta R.T. -0.000 min

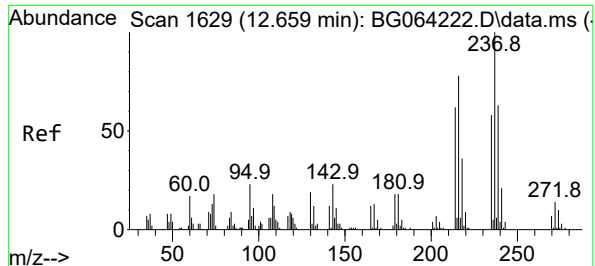
Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 104909 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 77.4  | 61.9  | 92.9   |
| 179      | 22.4  | 17.9  | 26.9   |
| 108      | 18.7  | 15.0  | 22.4   |

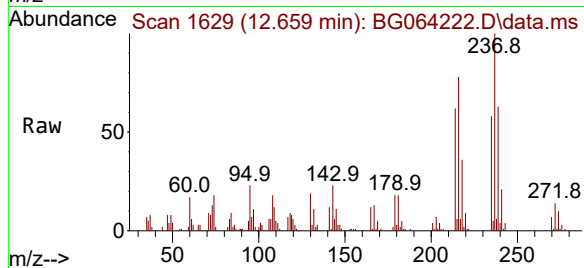






#41  
Hexachlorocyclopentadiene  
Concen: 40.092 ng  
RT: 12.659 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

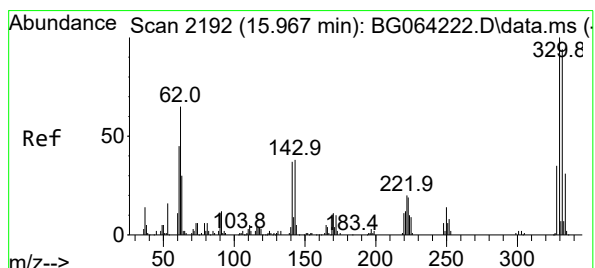
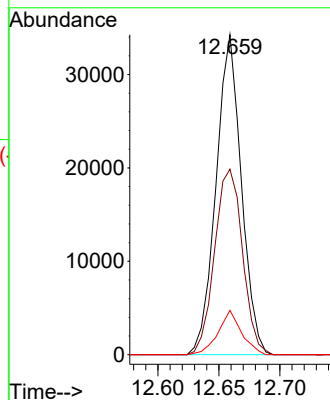
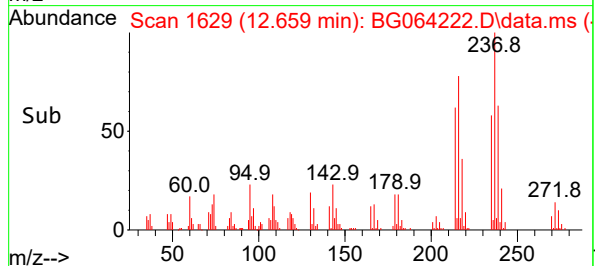
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



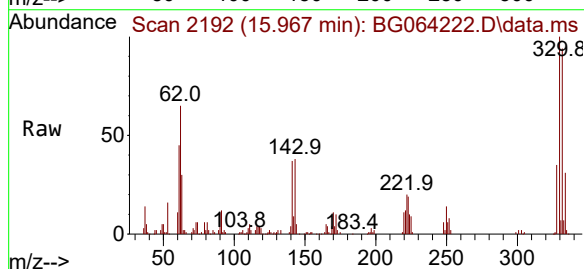
Tgt Ion: 237 Resp: 49514  
Ion Ratio Lower Upper  
237 100  
235 57.9 37.9 77.9  
272 13.8 0.0 33.8

Manual Integrations  
APPROVED

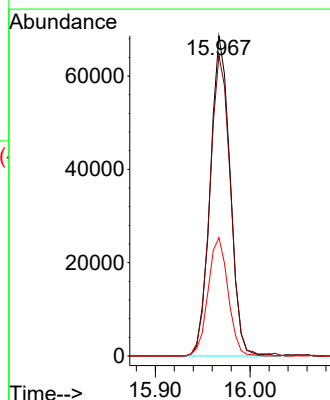
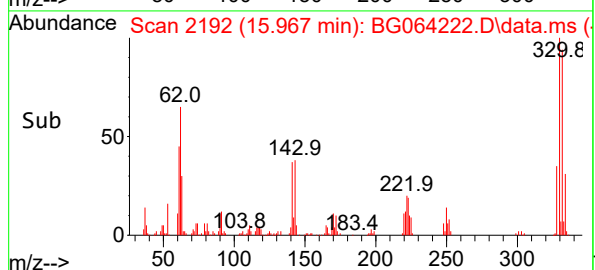
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

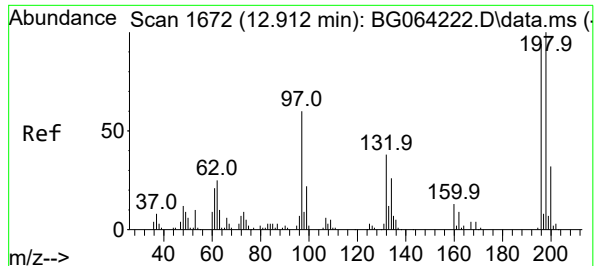


#42  
2,4,6-Tribromophenol  
Concen: 83.399 ng  
RT: 15.967 min Scan# 2192  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33



Tgt Ion: 330 Resp: 99487  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.6 116.4  
141 37.2 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 41.108 ng

RT: 12.912 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BG064222.D

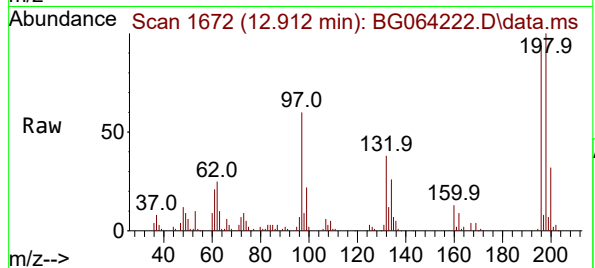
Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 71398

Ion Ratio Lower Upper

196 100

198 106.8 85.4 128.2

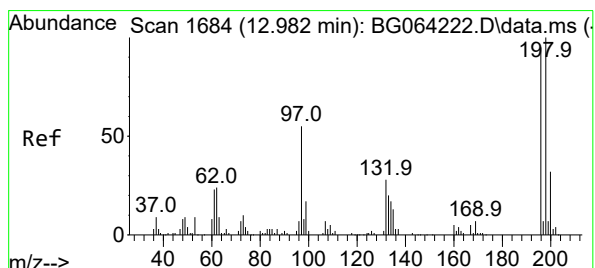
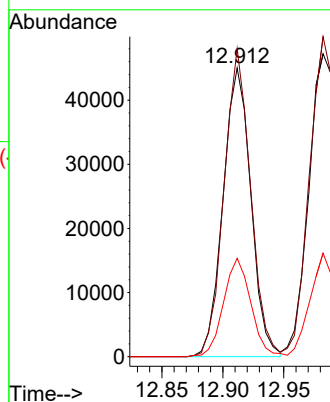
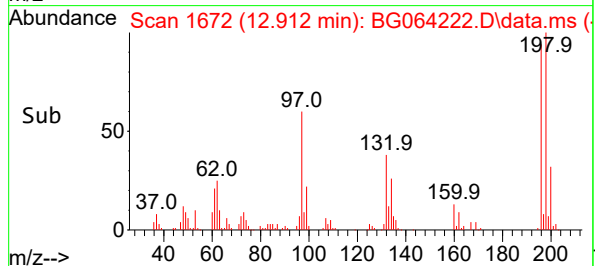
200 34.1 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 41.387 ng

RT: 12.982 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Tgt Ion:196 Resp: 77976

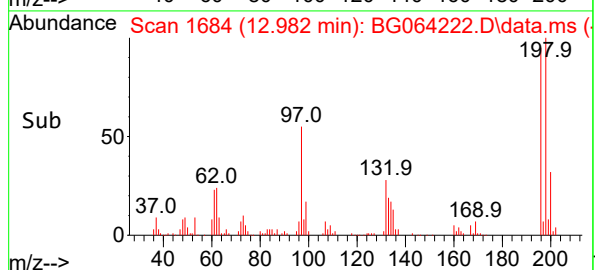
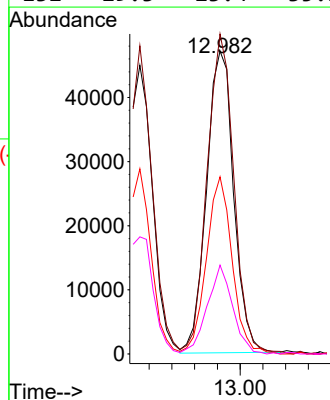
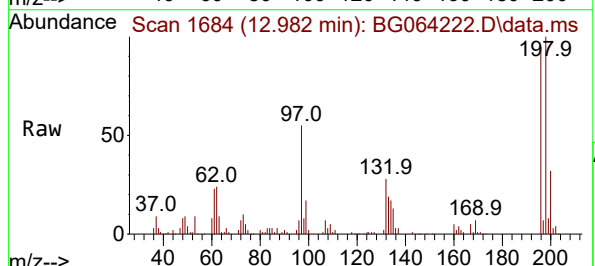
Ion Ratio Lower Upper

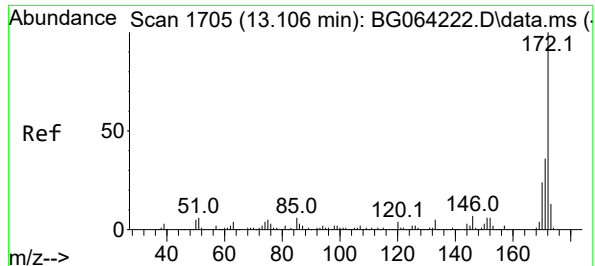
196 100

198 105.6 84.5 126.7

97 58.5 46.8 70.2

132 29.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 81.088 ng

RT: 13.106 min Scan# 1705

Delta R.T. -0.006 min

Lab File: BG064222.D

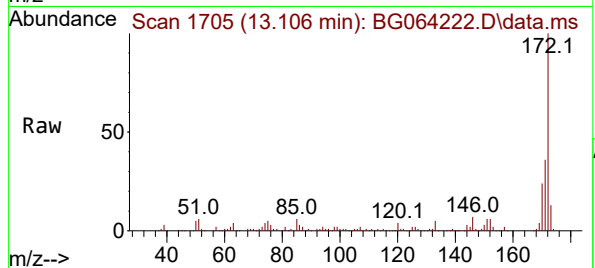
Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



Tgt Ion:172 Resp: 478450

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

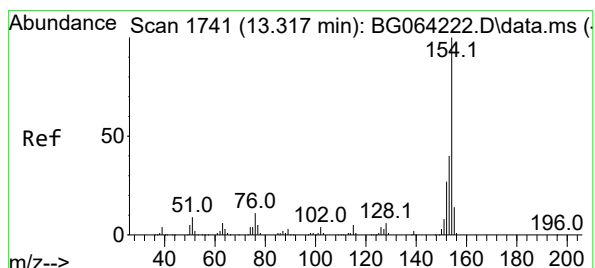
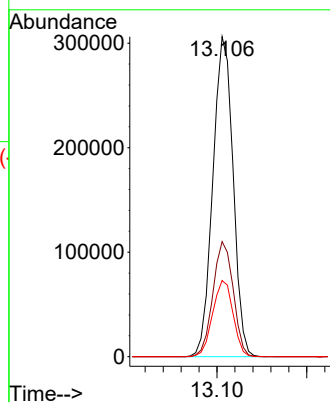
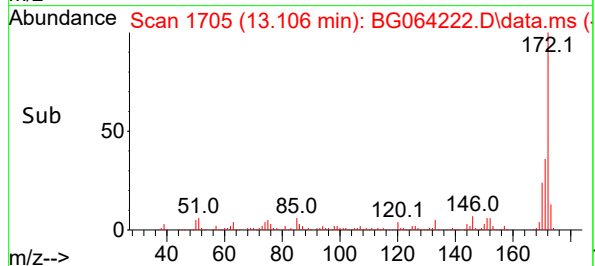
170 23.8 19.0 28.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

Concen: 41.038 ng

RT: 13.317 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

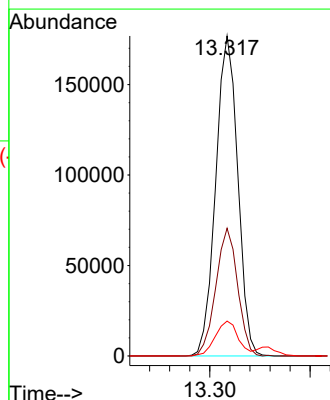
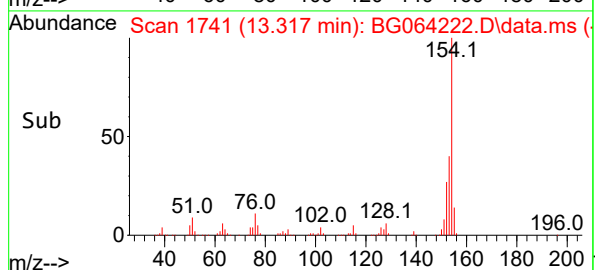
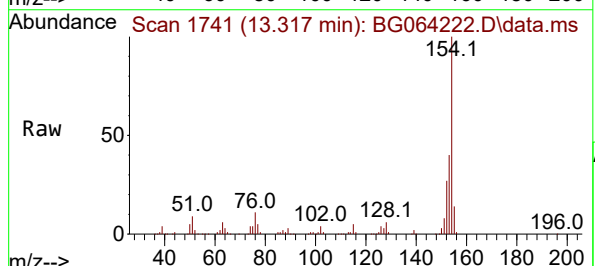
Tgt Ion:154 Resp: 269191

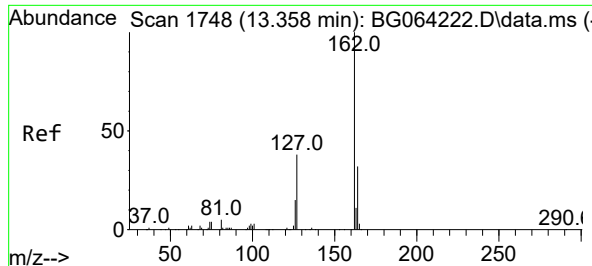
Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

76 10.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 40.640 ng

RT: 13.358 min Scan# 1748

Delta R.T. -0.000 min

Lab File: BG064222.D

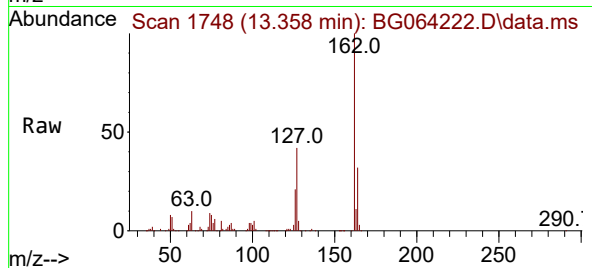
Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 20041

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

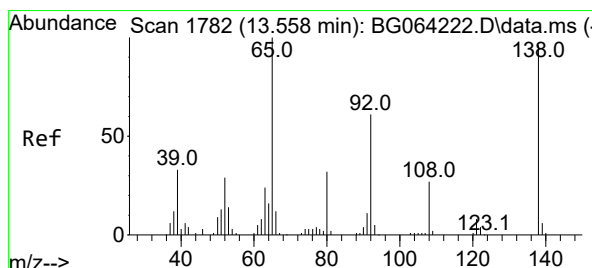
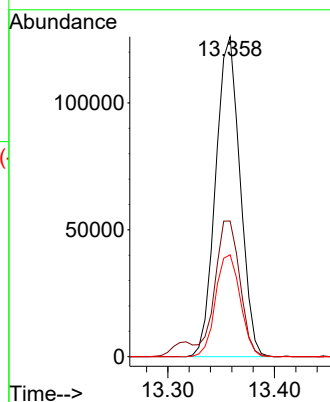
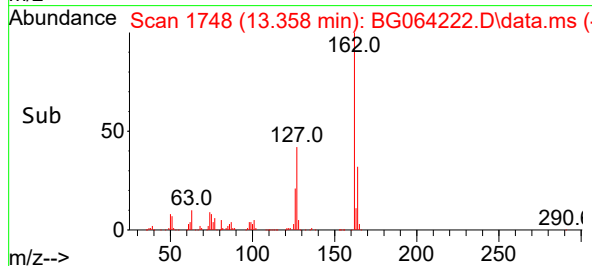
164 31.8 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

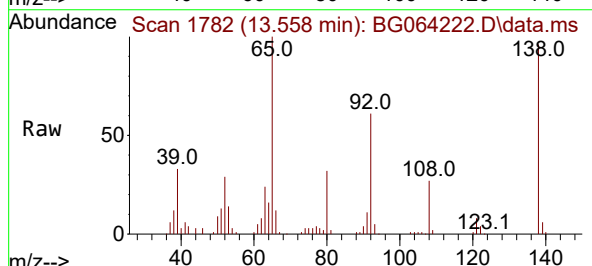
Concen: 43.916 ng

RT: 13.558 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33



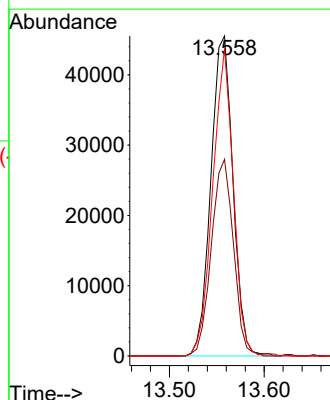
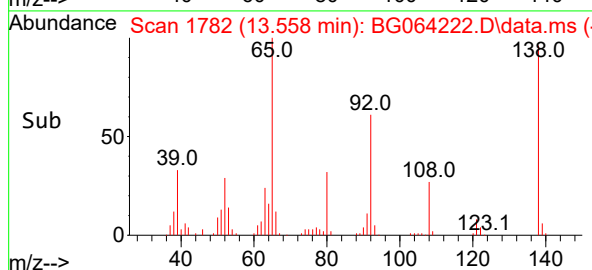
Tgt Ion: 65 Resp: 73815

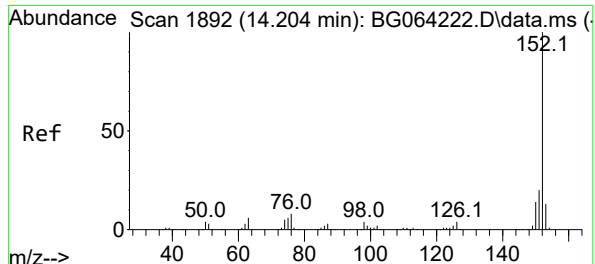
Ion Ratio Lower Upper

65 100

92 61.5 49.2 73.8

138 96.0 76.8 115.2





#49

Acenaphthylene

Concen: 41.396 ng

RT: 14.204 min Scan# 1892

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 30177

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

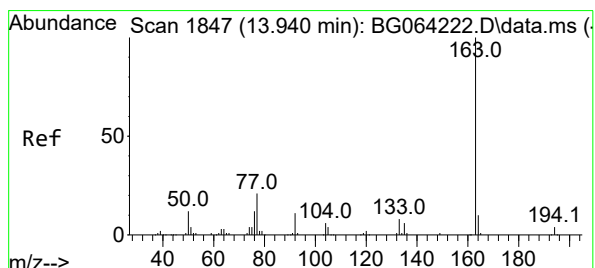
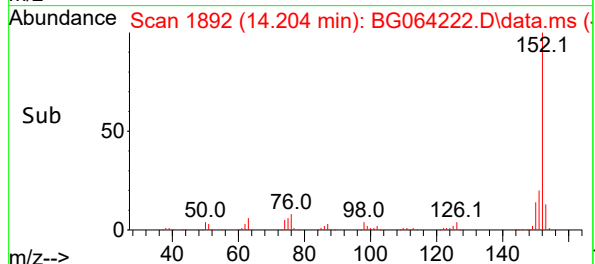
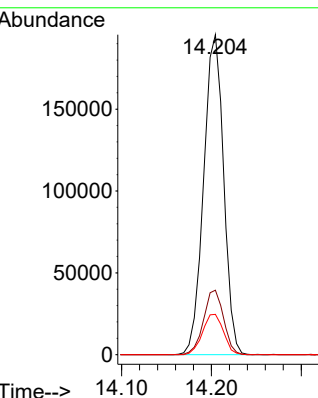
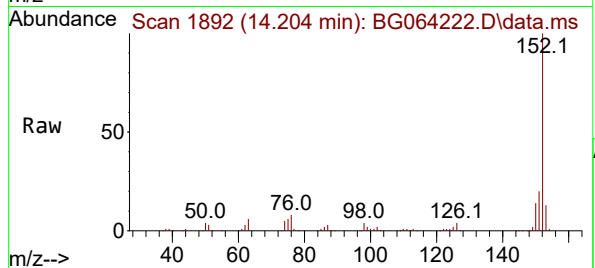
153 12.6 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

Concen: 41.075 ng

RT: 13.940 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

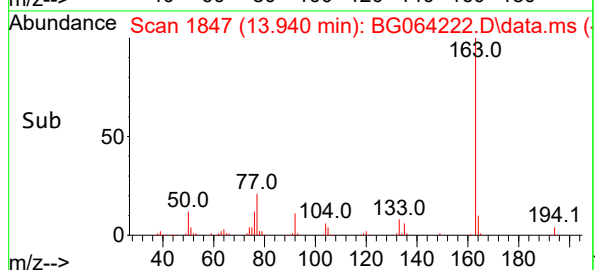
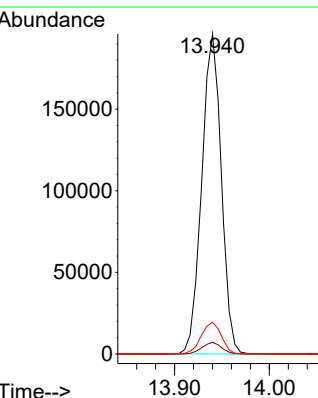
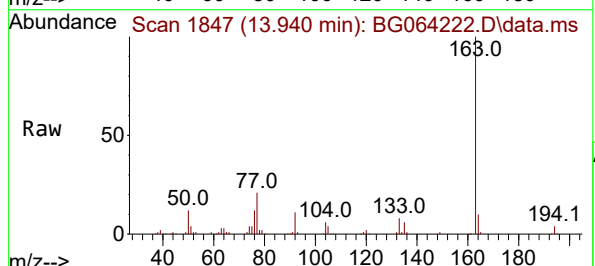
Tgt Ion:163 Resp: 280002

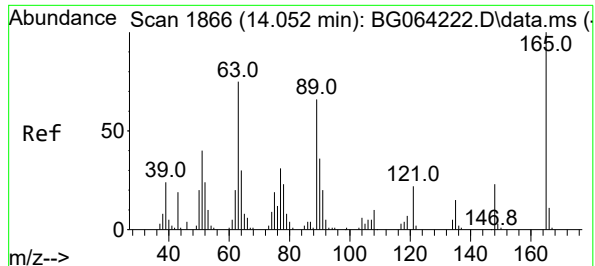
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

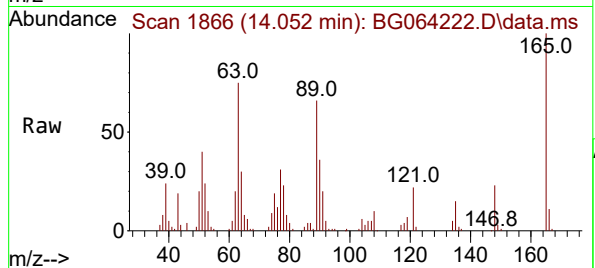
164 9.9 7.9 11.9





#51  
2,6-Dinitrotoluene  
Concen: 43.975 ng  
RT: 14.052 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

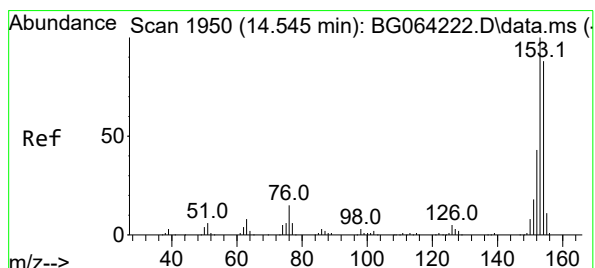
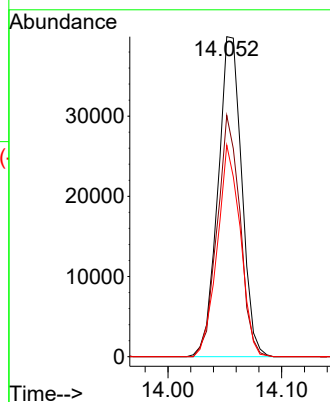
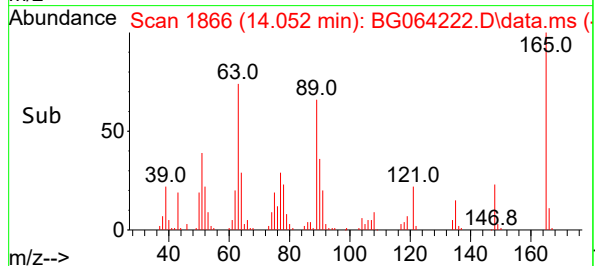
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:165 Resp: 58034  
Ion Ratio Lower Upper  
165 100  
63 75.4 60.3 90.5  
89 66.1 52.9 79.3

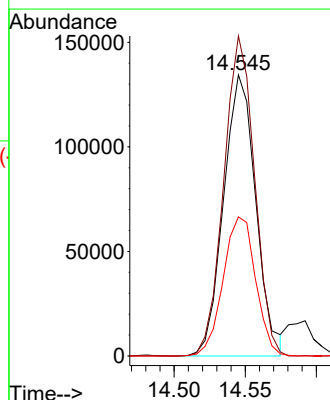
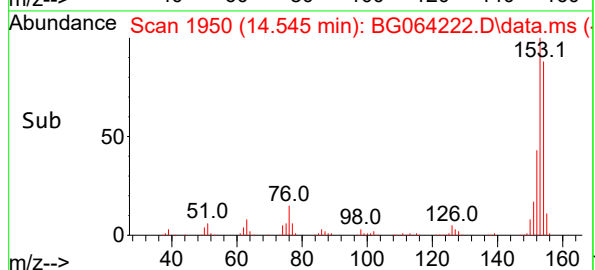
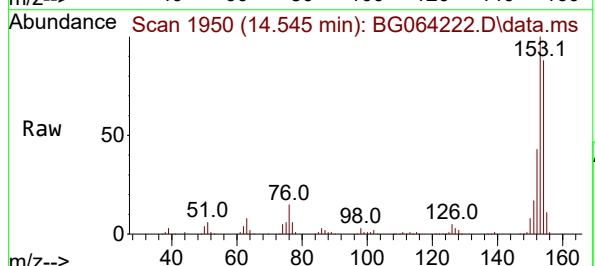
Manual Integrations  
APPROVED

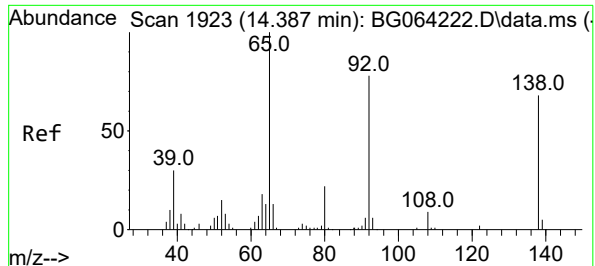
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#52  
Acenaphthene  
Concen: 41.230 ng  
RT: 14.545 min Scan# 1950  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

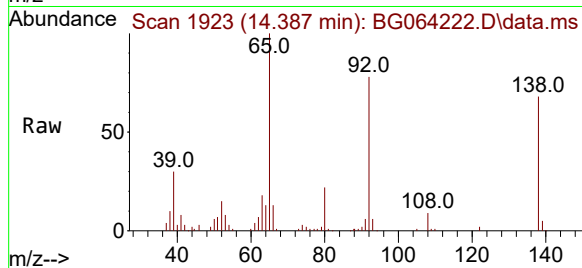
Tgt Ion:154 Resp: 212105  
Ion Ratio Lower Upper  
154 100  
153 113.9 91.1 136.7  
152 49.5 39.6 59.4





#53  
3-Nitroaniline  
Concen: 43.085 ng  
RT: 14.387 min Scan# 1923  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

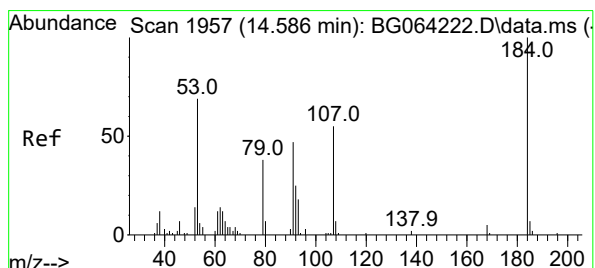
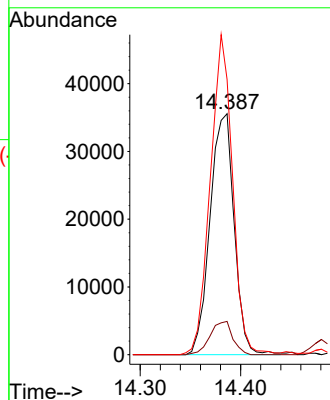
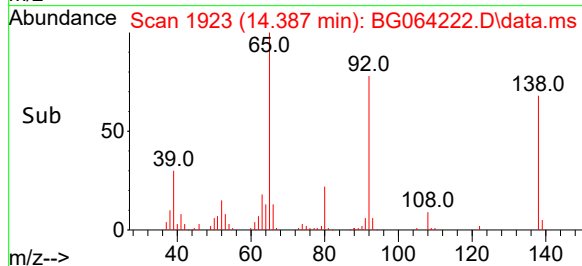
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:138 Resp: 59560  
Ion Ratio Lower Upper  
138 100  
108 13.8 11.0 16.6  
92 114.2 91.4 137.0

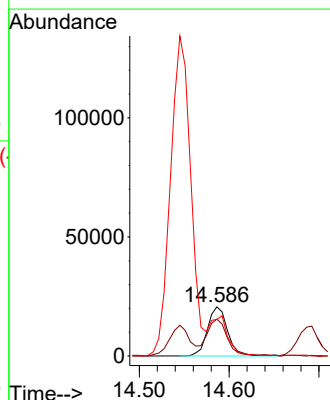
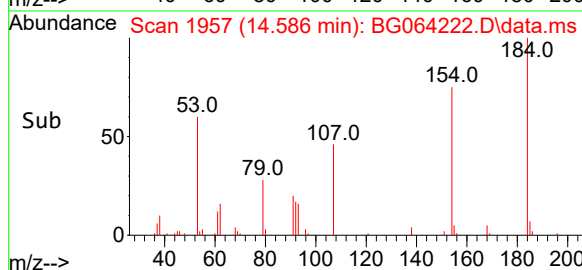
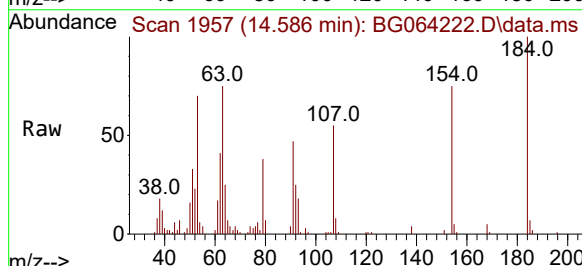
Manual Integrations  
APPROVED

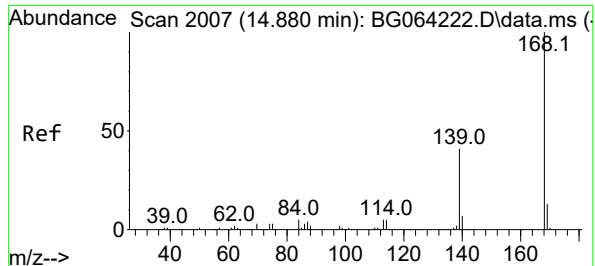
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#54  
2,4-Dinitrophenol  
Concen: 40.231 ng  
RT: 14.586 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

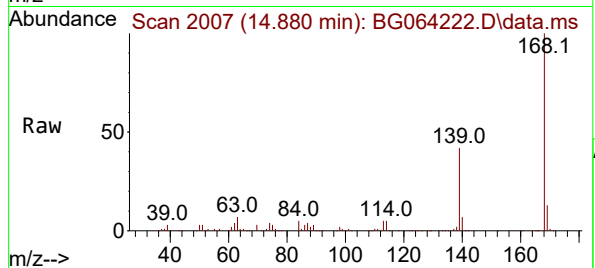
Tgt Ion:184 Resp: 32082  
Ion Ratio Lower Upper  
184 100  
63 75.1 60.1 90.1  
154 74.8 59.8 89.8





#55  
Dibenzenofuran  
Concen: 40.802 ng  
RT: 14.880 min Scan# 2007  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

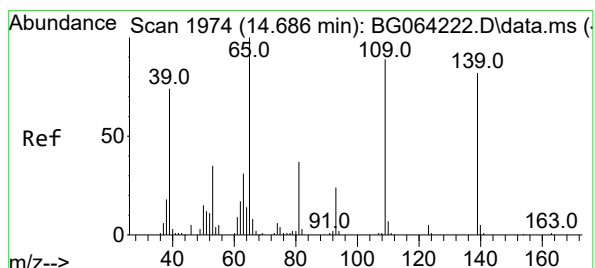
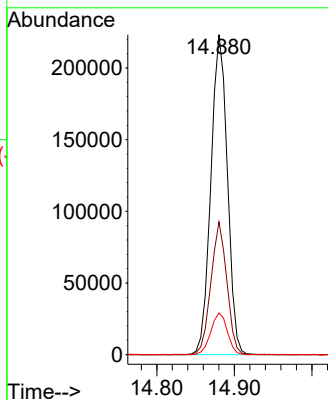
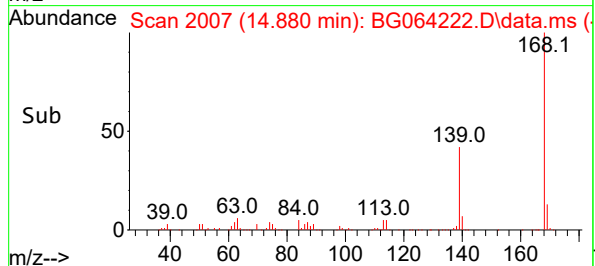
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:168 Resp: 33016  
Ion Ratio Lower Upper  
168 100  
139 41.5 33.2 49.8  
169 13.0 10.4 15.6

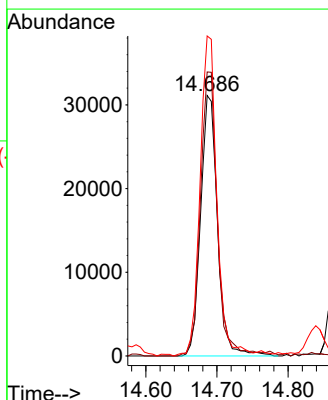
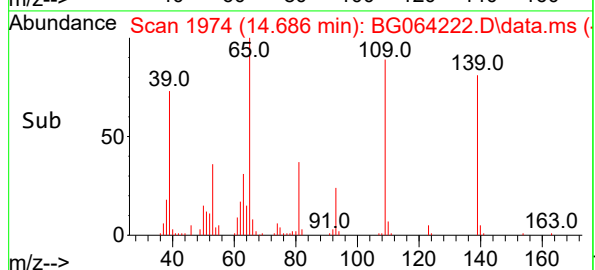
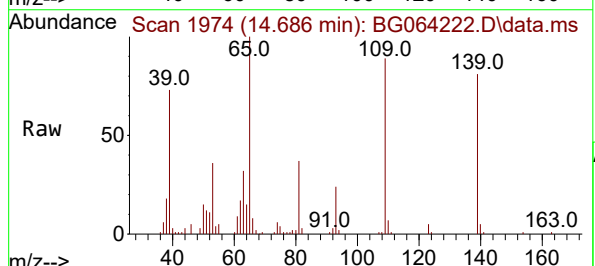
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

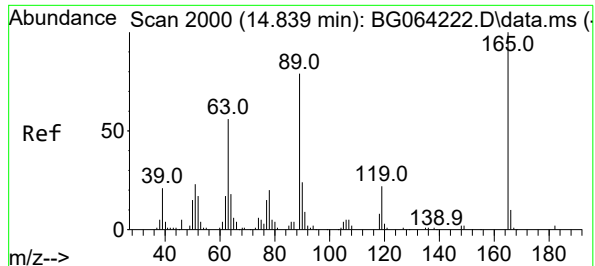


#56  
4-Nitrophenol  
Concen: 45.484 ng  
RT: 14.686 min Scan# 1974  
Delta R.T. -0.012 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion:139 Resp: 51577  
Ion Ratio Lower Upper  
139 100  
109 109.1 89.1 129.1  
65 122.9 102.9 142.9

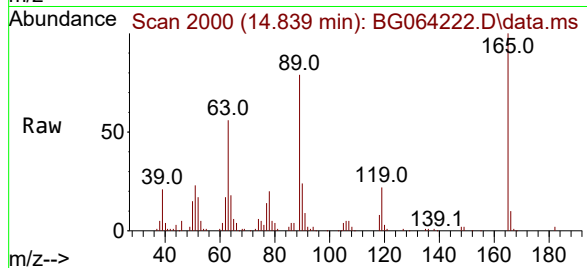






#57  
2,4-Dinitrotoluene  
Concen: 43.705 ng  
RT: 14.839 min Scan# 2000  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

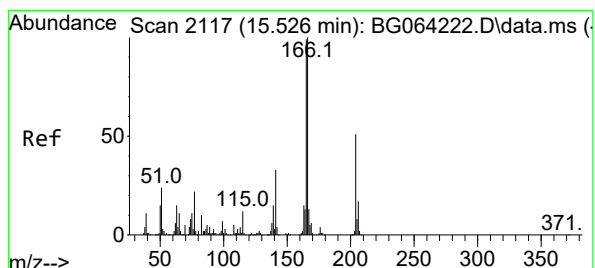
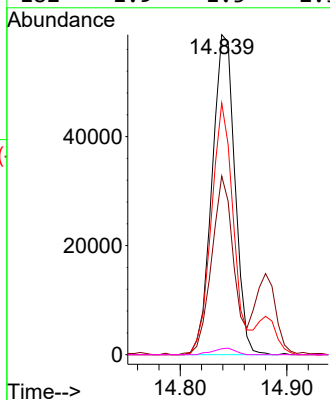
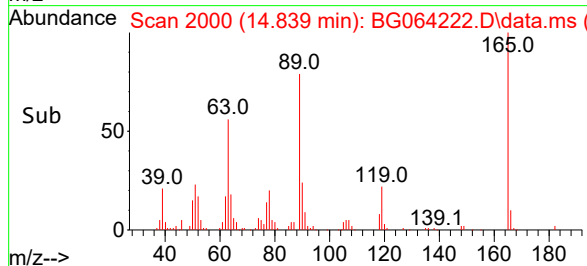
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:165 Resp: 87210  
Ion Ratio Lower Upper  
165 100  
63 55.8 44.6 67.0  
89 78.7 63.0 94.4  
182 1.9 1.5 2.3

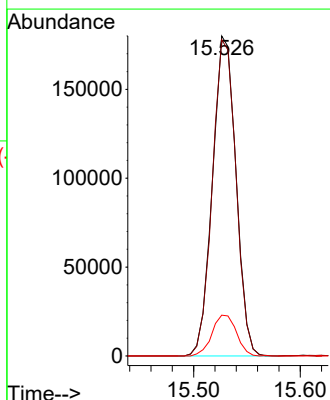
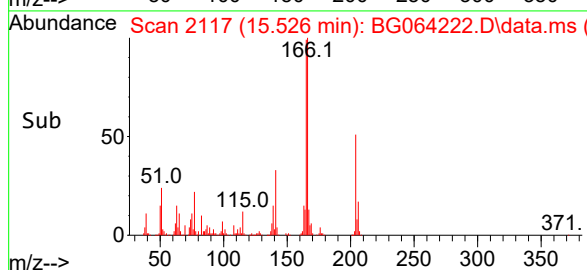
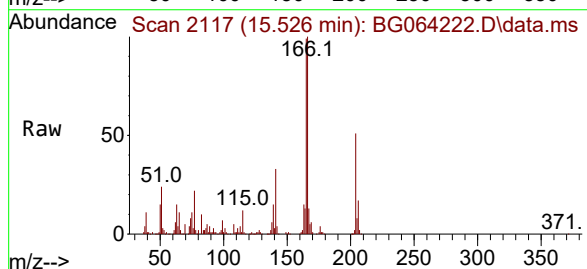
Manual Integrations  
APPROVED

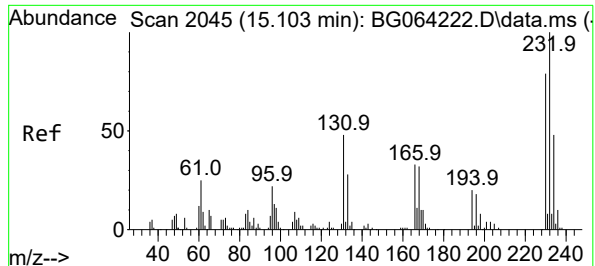
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#58  
Fluorene  
Concen: 41.523 ng  
RT: 15.526 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

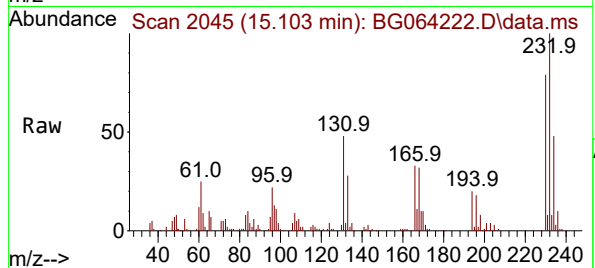
Tgt Ion:166 Resp: 275394  
Ion Ratio Lower Upper  
166 100  
165 98.9 79.1 118.7  
167 12.8 10.2 15.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.637 ng  
RT: 15.103 min Scan# 2045  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

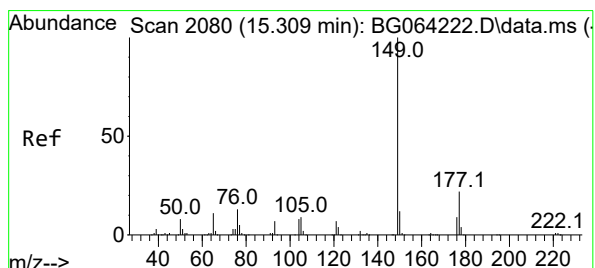
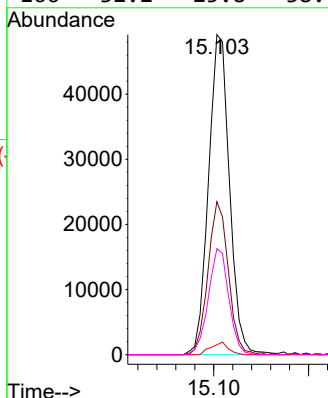
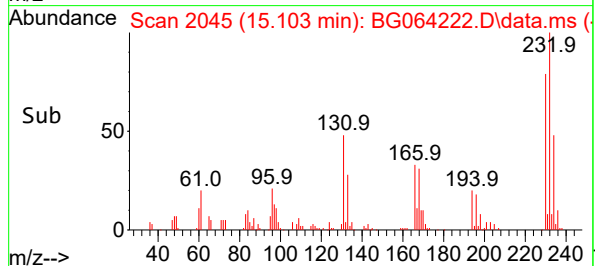
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:232 Resp: 75450  
Ion Ratio Lower Upper  
232 100  
131 46.4 37.1 55.7  
130 3.2 2.6 3.8  
166 32.2 25.8 38.6

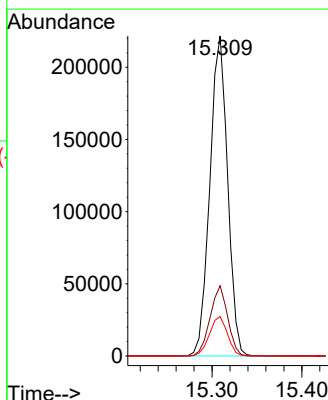
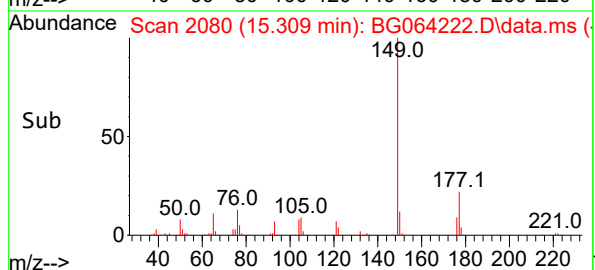
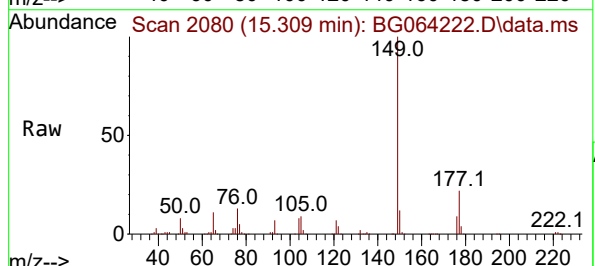
Manual Integrations  
APPROVED

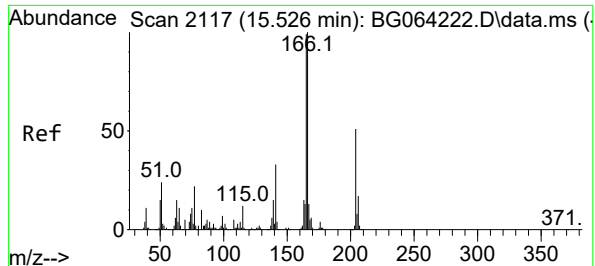
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#60  
Diethylphthalate  
Concen: 41.681 ng  
RT: 15.309 min Scan# 2080  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

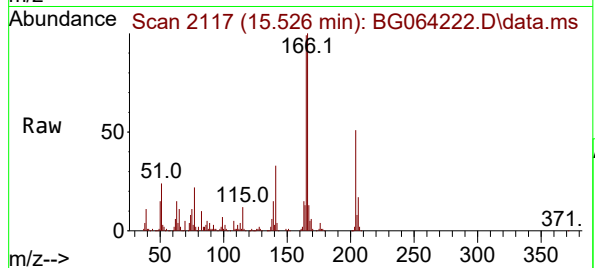
Tgt Ion:149 Resp: 304086  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.5 26.3  
150 12.4 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 41.127 ng  
RT: 15.526 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

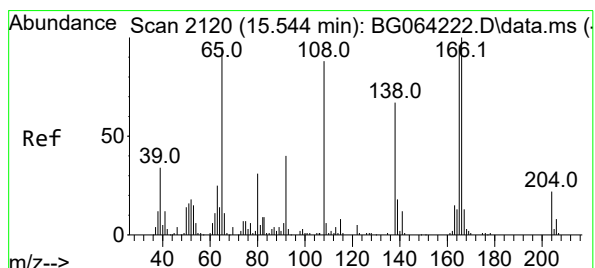
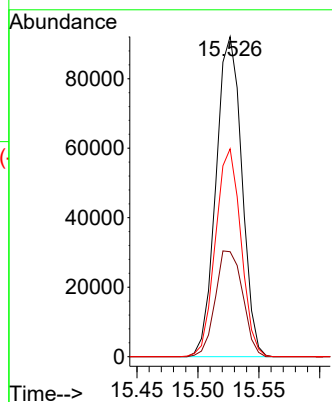
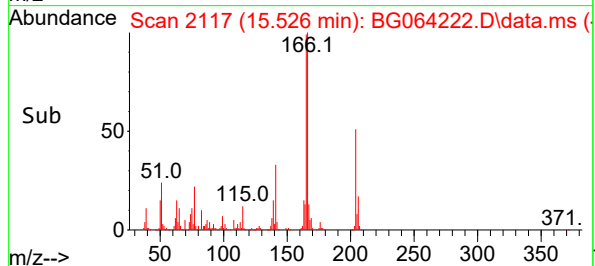
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:204 Resp: 135998  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.2 39.4  
141 64.9 51.9 77.9

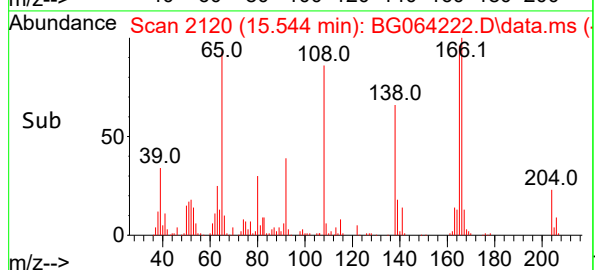
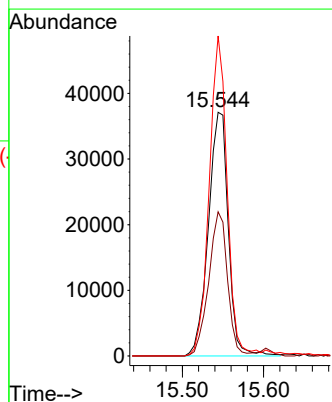
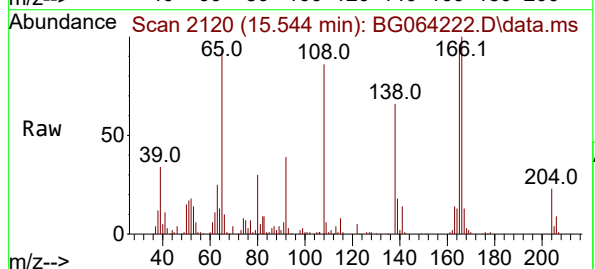
Manual Integrations  
APPROVED

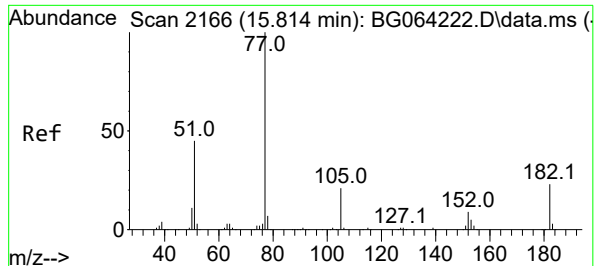
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#62  
4-Nitroaniline  
Concen: 44.865 ng  
RT: 15.544 min Scan# 2120  
Delta R.T. -0.012 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

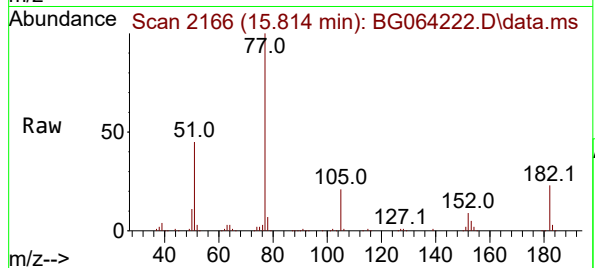
Tgt Ion:138 Resp: 63286  
Ion Ratio Lower Upper  
138 100  
92 59.1 39.1 79.1  
108 131.3 111.3 151.3





#63  
Azobenzene  
Concen: 41.635 ng  
RT: 15.814 min Scan# 2166  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

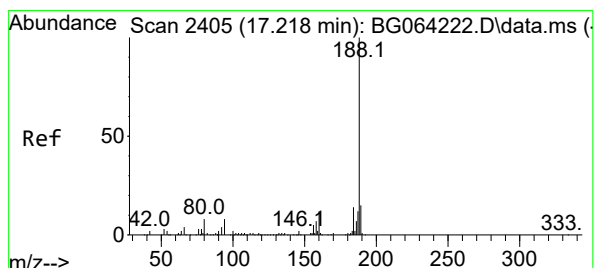
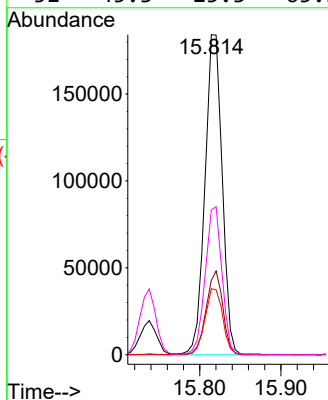
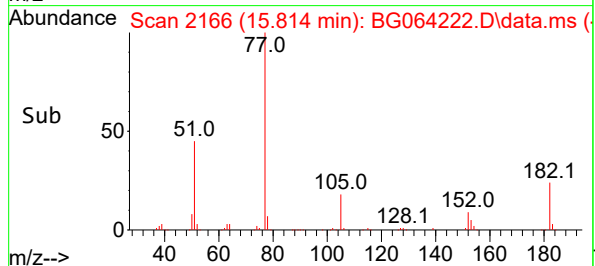
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



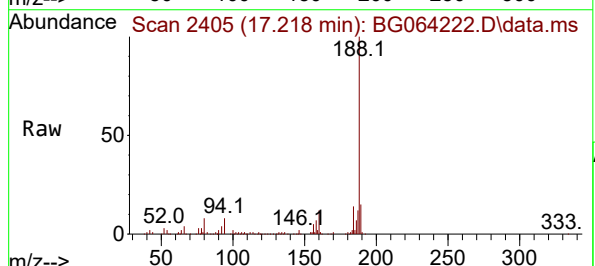
Tgt Ion: 77 Resp: 270729  
Ion Ratio Lower Upper  
77 100  
182 23.3 3.3 43.3  
105 20.6 0.6 40.6  
51 45.3 25.3 65.3

Manual Integrations  
APPROVED

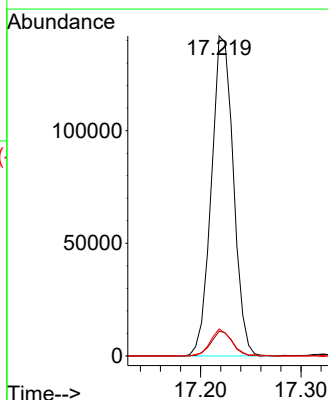
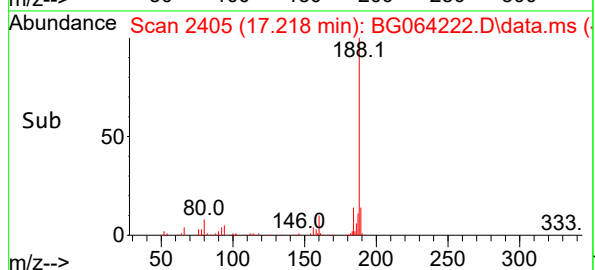
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

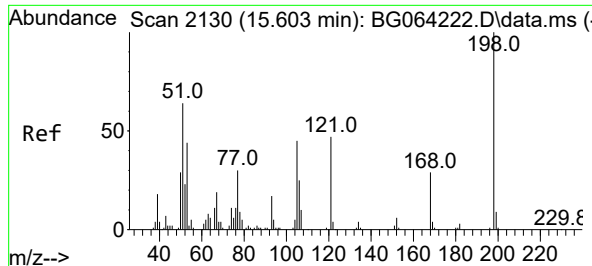


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.218 min Scan# 2405  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33



Tgt Ion:188 Resp: 216625  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.2 9.4  
80 8.5 6.8 10.2





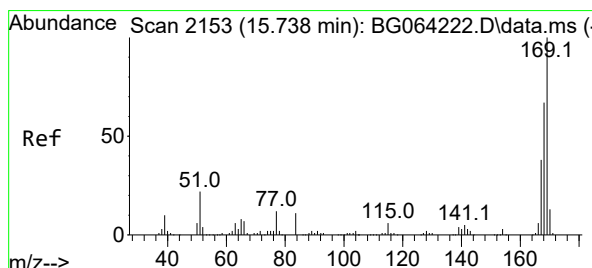
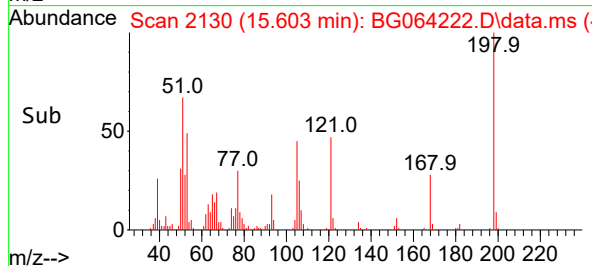
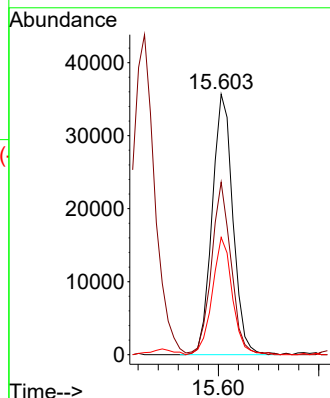
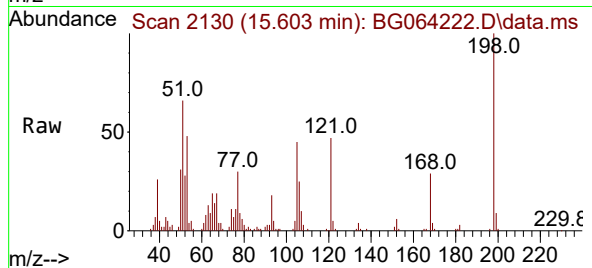
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.184 ng  
RT: 15.603 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:198 Resp: 5122  
Ion Ratio Lower Upper  
198 100  
51 66.2 46.2 86.2  
105 45.0 25.0 65.0

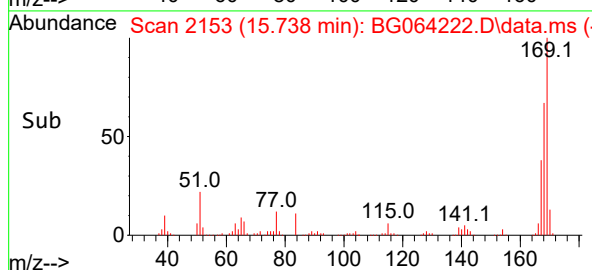
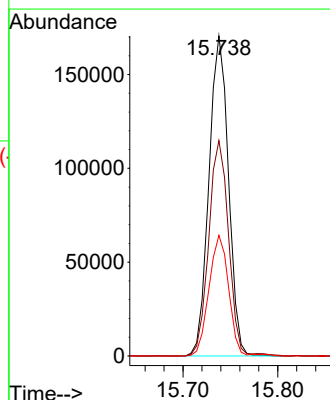
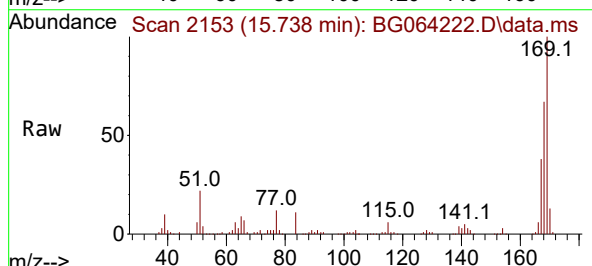
Manual Integrations  
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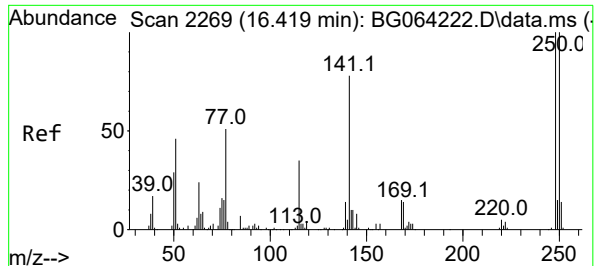
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#66  
n-Nitrosodiphenylamine  
Concen: 40.835 ng  
RT: 15.738 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

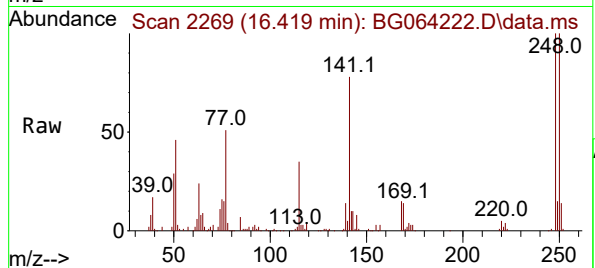
Tgt Ion:169 Resp: 243339  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.8 80.8  
167 37.7 30.2 45.2





#67  
4-Bromophenyl-phenylether  
Concen: 40.562 ng  
RT: 16.419 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

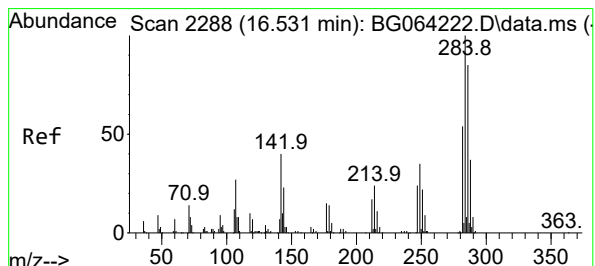
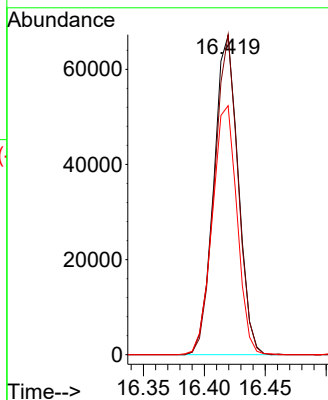
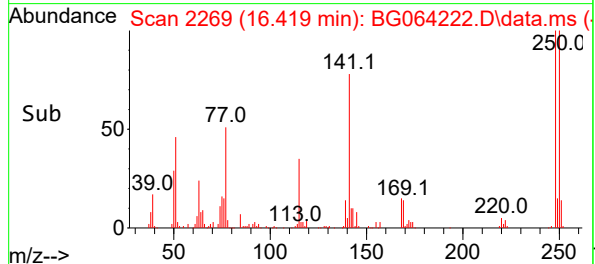
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:248 Resp: 93320  
Ion Ratio Lower Upper  
248 100  
250 100.3 80.2 120.4  
141 78.0 62.4 93.6

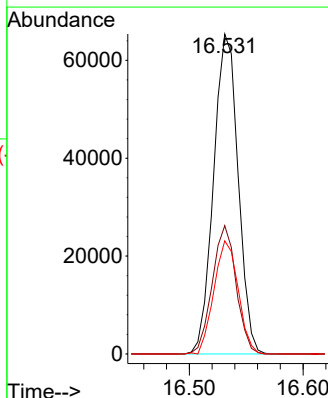
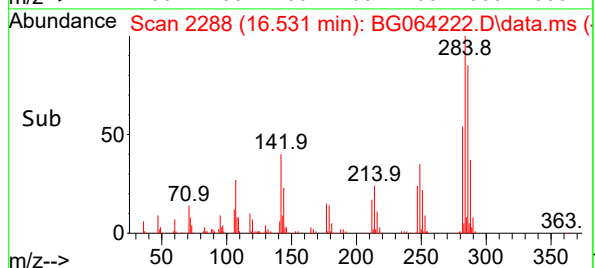
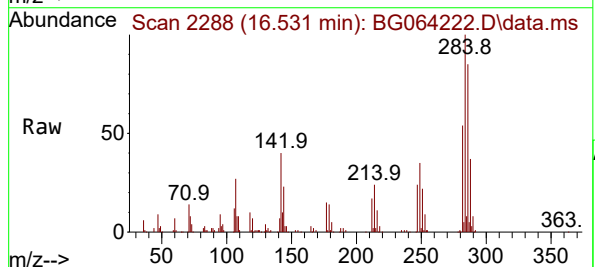
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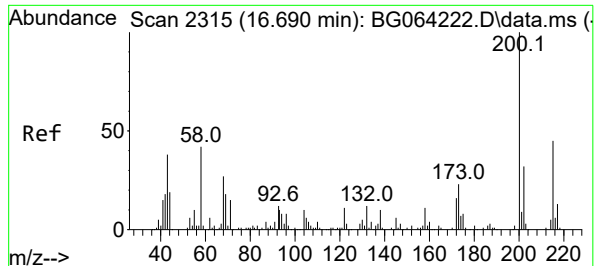
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#68  
Hexachlorobenzene  
Concen: 38.392 ng  
RT: 16.531 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

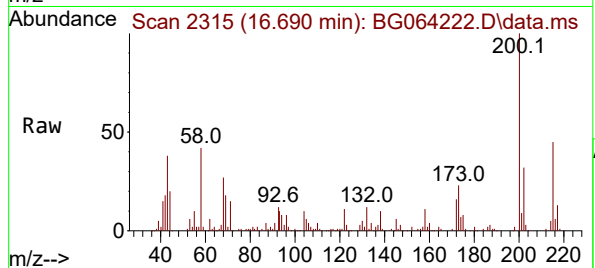
Tgt Ion:284 Resp: 98094  
Ion Ratio Lower Upper  
284 100  
142 40.1 32.1 48.1  
249 35.4 28.3 42.5





#69  
Atrazine  
Concen: 41.726 ng  
RT: 16.690 min Scan# 2315  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

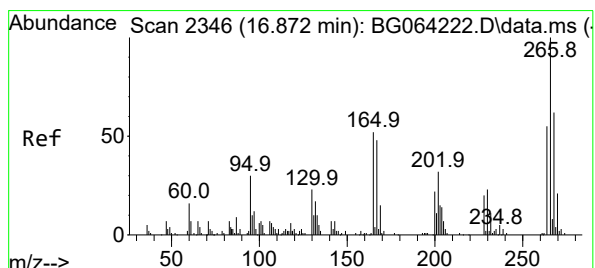
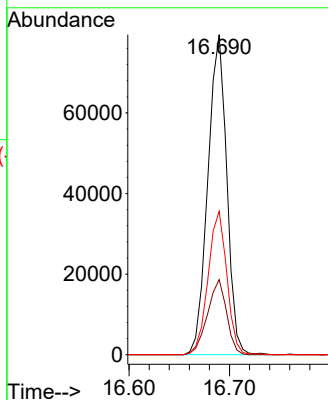
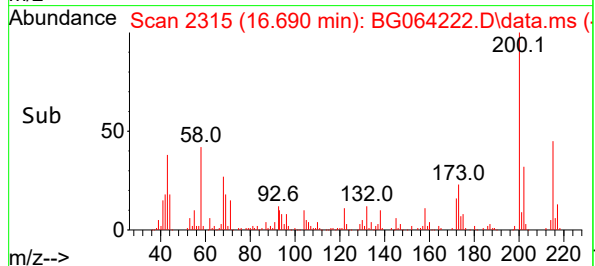
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



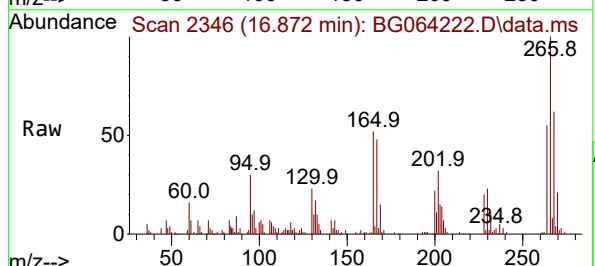
Tgt Ion:200 Resp: 103824  
Ion Ratio Lower Upper  
200 100  
173 23.5 3.5 43.5  
215 44.8 24.8 64.8

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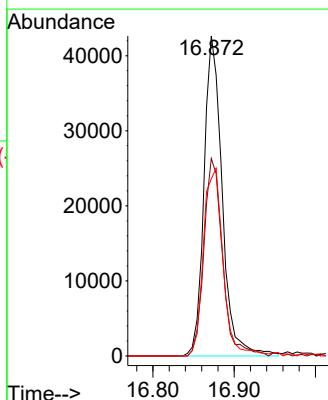
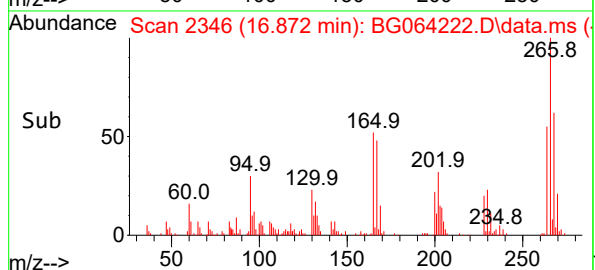
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

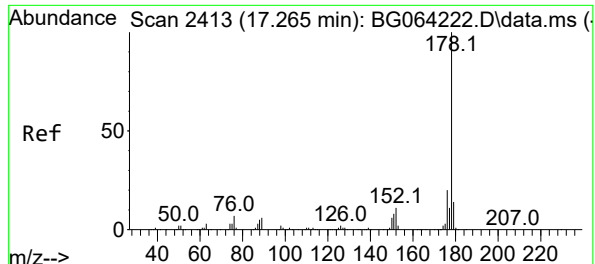


#70  
Pentachlorophenol  
Concen: 42.696 ng  
RT: 16.872 min Scan# 2346  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33



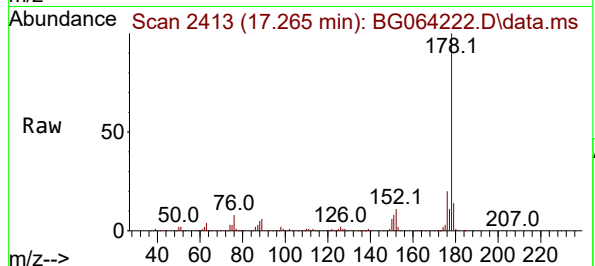
Tgt Ion:266 Resp: 66146  
Ion Ratio Lower Upper  
266 100  
268 61.7 49.4 74.0  
264 55.4 44.3 66.5





#71  
Phenanthrene  
Concen: 41.086 ng  
RT: 17.265 min Scan# 2413  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

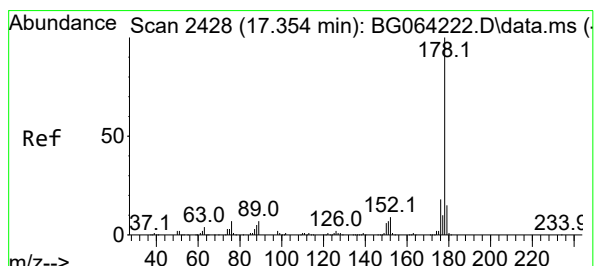
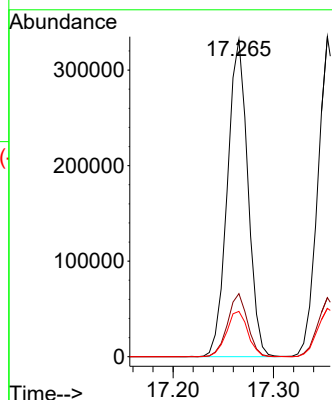
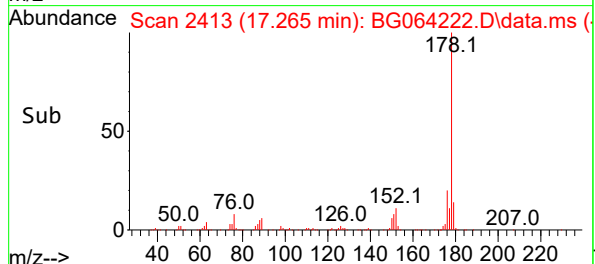
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:178 Resp: 46943  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.9 23.9  
179 14.3 11.4 17.2

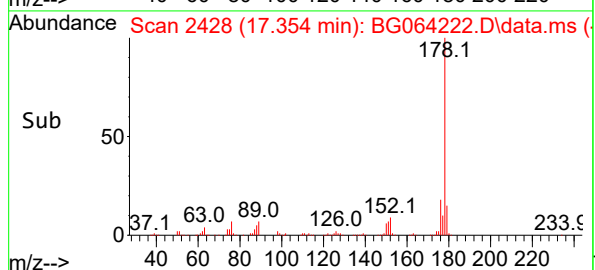
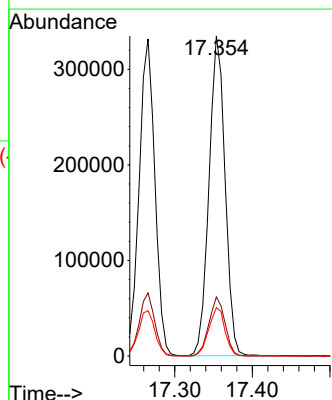
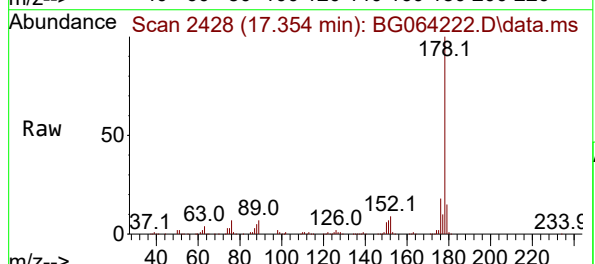
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

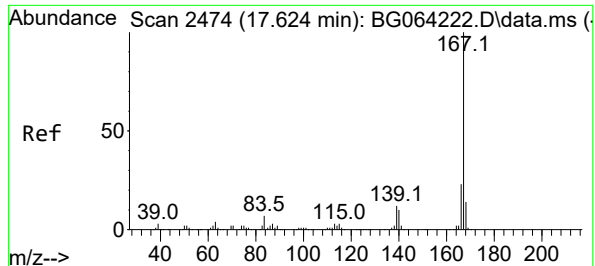


#72  
Anthracene  
Concen: 41.411 ng  
RT: 17.354 min Scan# 2428  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion:178 Resp: 481293  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.7 22.1  
179 15.1 12.1 18.1

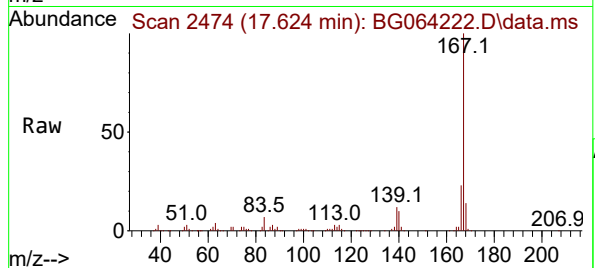






#73  
Carbazole  
Concen: 42.400 ng  
RT: 17.624 min Scan# 2474  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

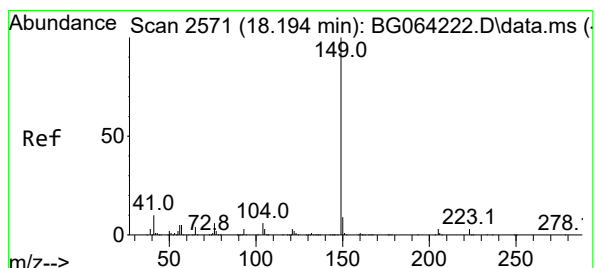
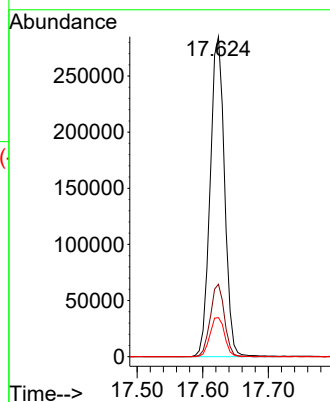
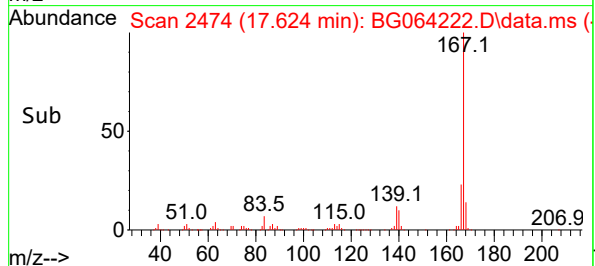
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:167 Resp: 434111  
Ion Ratio Lower Upper  
167 100  
166 22.7 18.2 27.2  
139 12.2 9.8 14.6

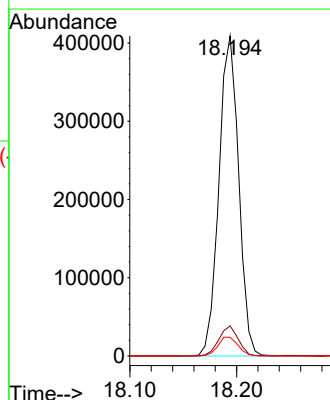
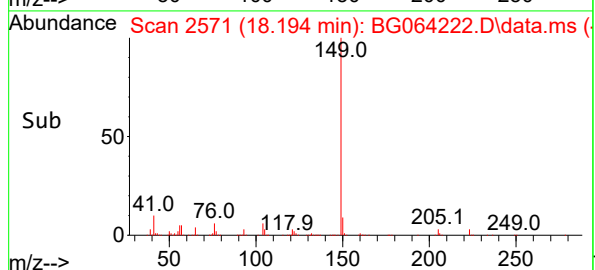
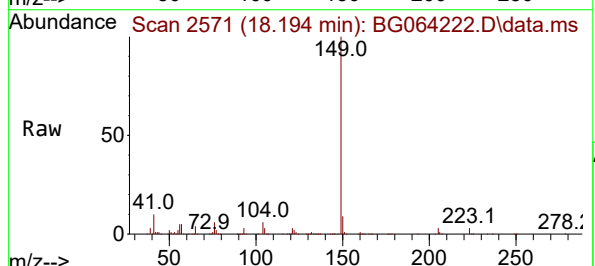
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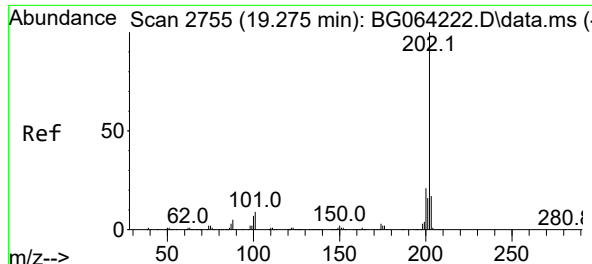
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#74  
Di-n-butylphthalate  
Concen: 42.668 ng  
RT: 18.194 min Scan# 2571  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

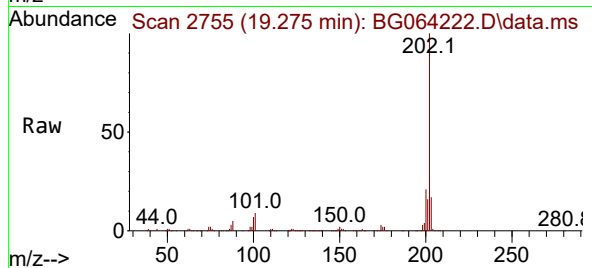
Tgt Ion:149 Resp: 524841  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.5 11.3  
104 5.8 4.6 7.0





#75  
Fluoranthene  
Concen: 42.067 ng  
RT: 19.275 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

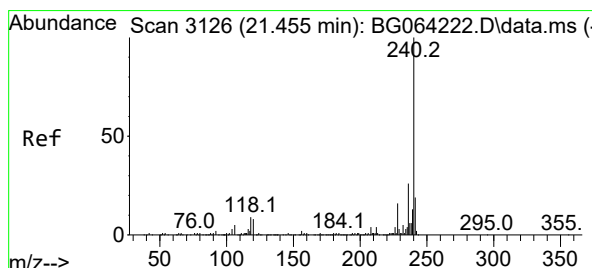
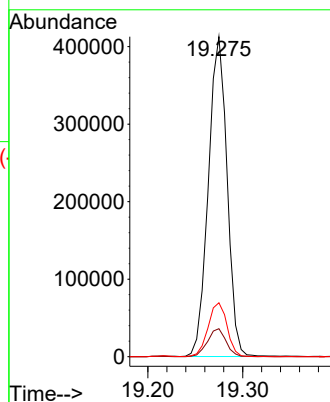
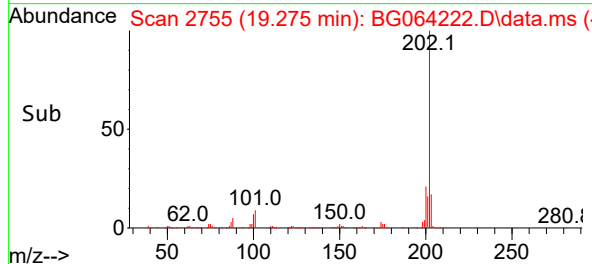
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:202 Resp: 565130  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 28.7  
203 16.9 0.0 36.9

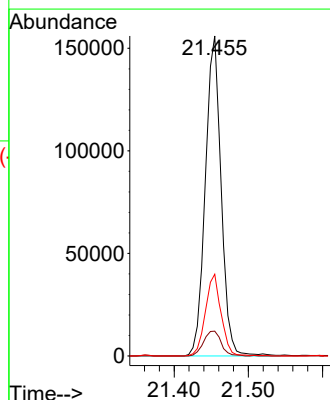
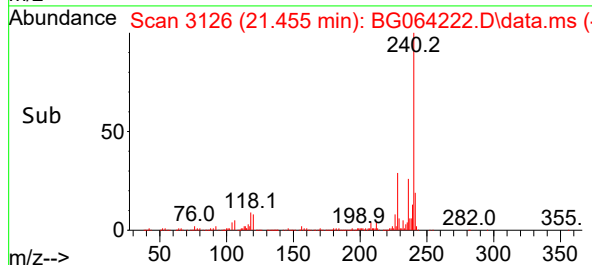
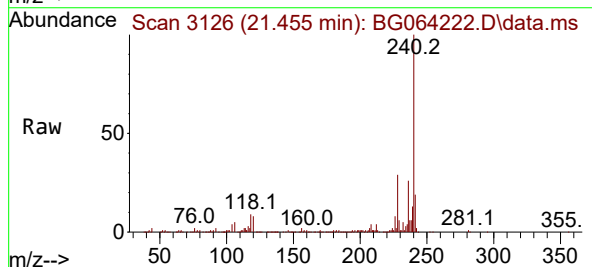
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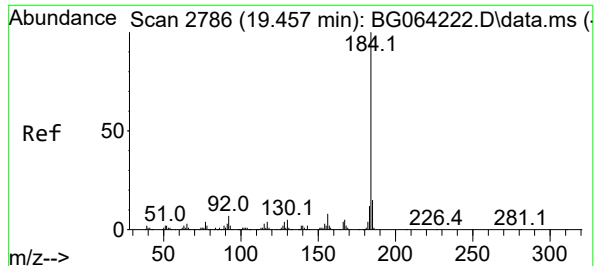
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.455 min Scan# 3126  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion:240 Resp: 230899  
Ion Ratio Lower Upper  
240 100  
120 7.8 6.2 9.4  
236 25.6 20.5 30.7





#77

Benzidine

Concen: 42.340 ng

RT: 19.457 min Scan# 2786

Delta R.T. -0.000 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:184 Resp: 205659

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

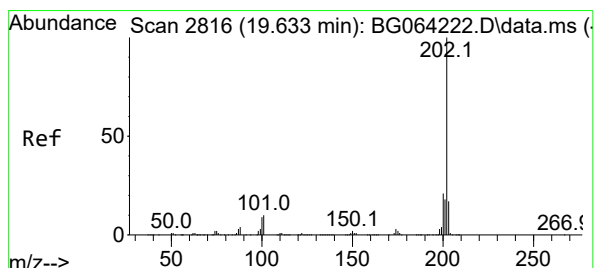
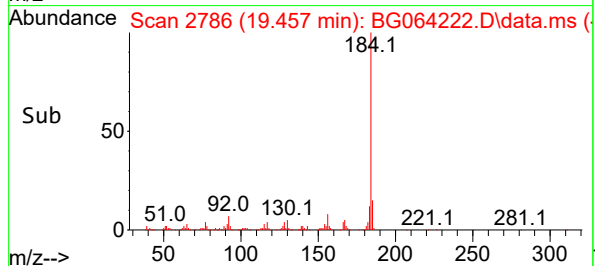
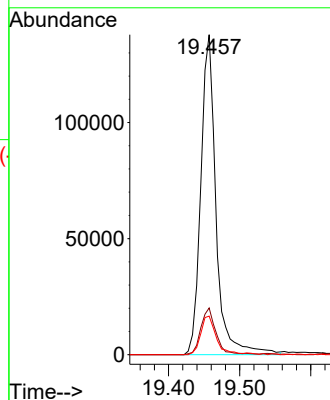
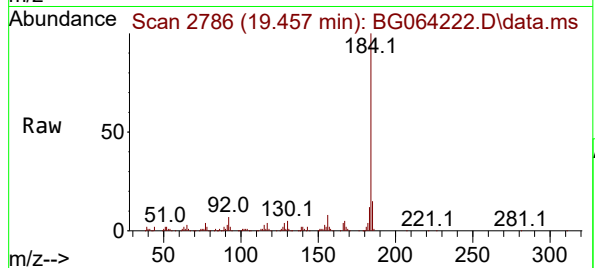
183 12.1 9.7 14.5

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#78

Pyrene

Concen: 41.364 ng

RT: 19.633 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

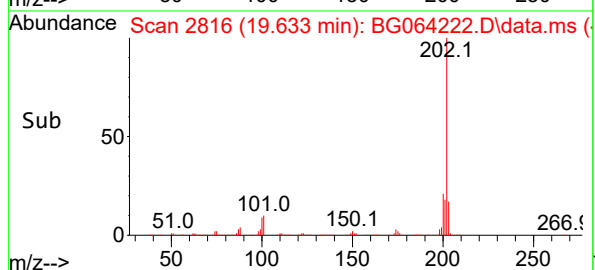
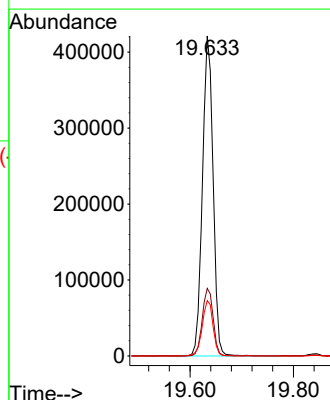
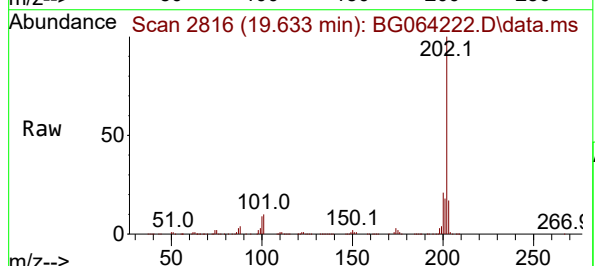
Tgt Ion:202 Resp: 601727

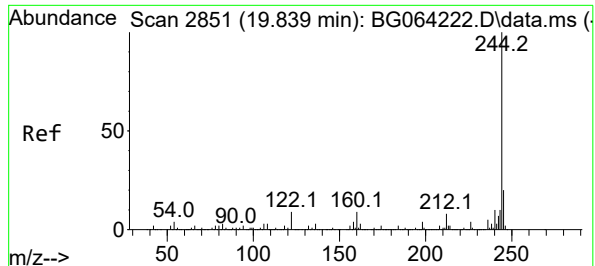
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

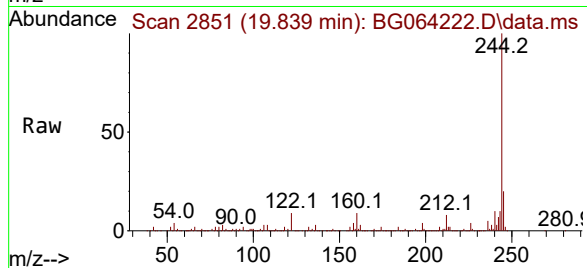
203 17.3 13.8 20.8





#79  
 Terphenyl-d14  
 Concen: 81.849 ng  
 RT: 19.839 min Scan# 2851  
 Delta R.T. -0.006 min  
 Lab File: BG064222.D  
 Acq: 28 Aug 2025 13:33

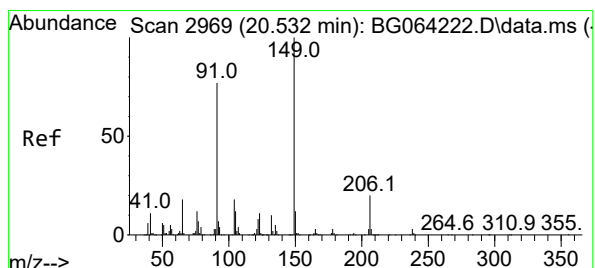
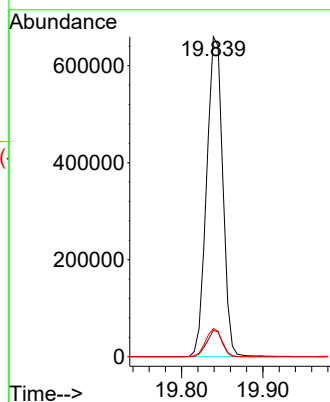
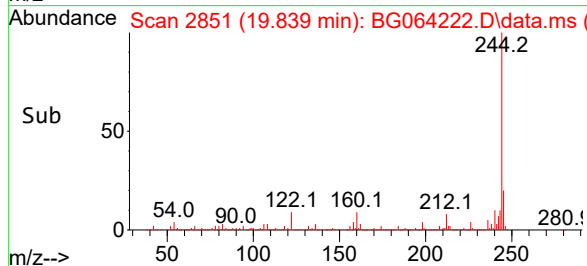
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040



Tgt Ion:244 Resp: 905835  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.6 10.0  
 122 8.8 7.0 10.6

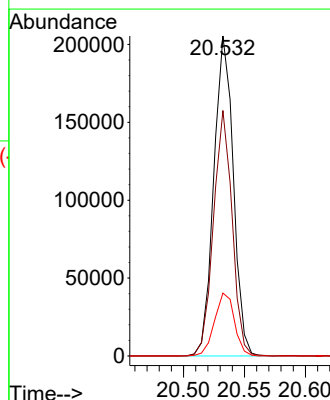
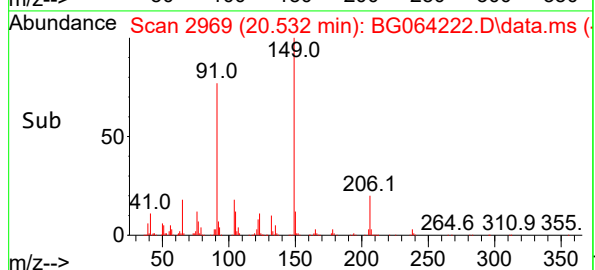
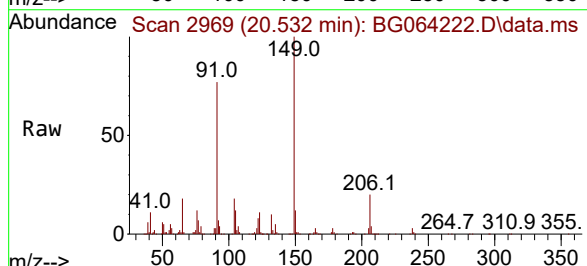
Manual Integrations  
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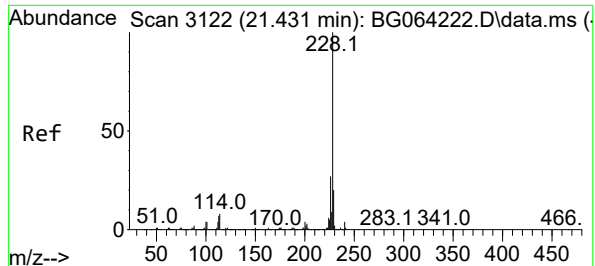
Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025



#80  
 Butylbenzylphthalate  
 Concen: 41.610 ng  
 RT: 20.532 min Scan# 2969  
 Delta R.T. -0.000 min  
 Lab File: BG064222.D  
 Acq: 28 Aug 2025 13:33

Tgt Ion:149 Resp: 228304  
 Ion Ratio Lower Upper  
 149 100  
 91 76.7 61.4 92.0  
 206 19.7 15.8 23.6





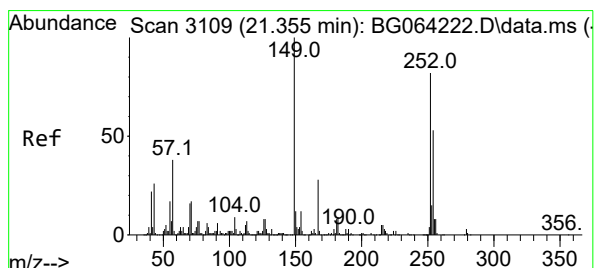
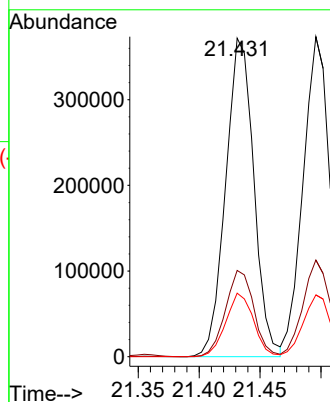
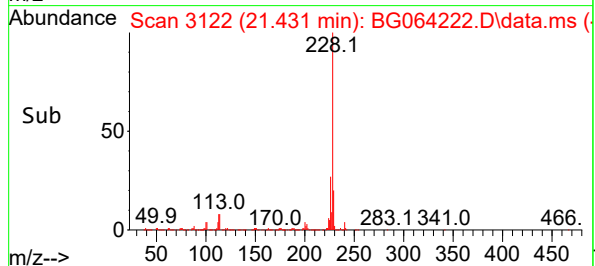
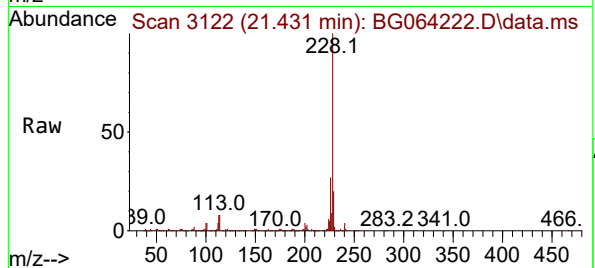
#81  
Benzo(a)anthracene  
Concen: 40.530 ng  
RT: 21.431 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:228 Resp: 598710  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.7 32.5  
229 19.9 15.9 23.9

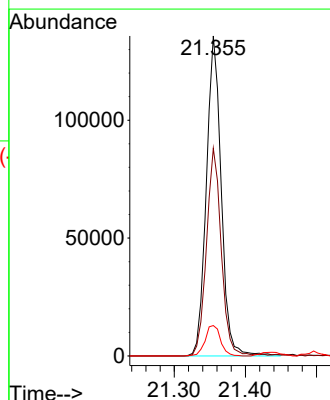
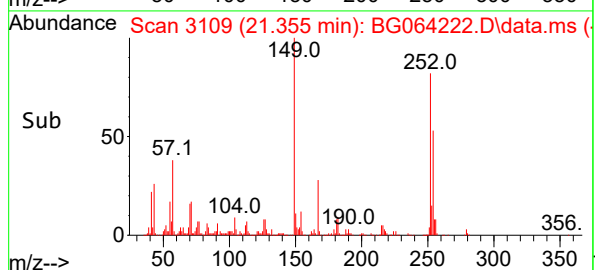
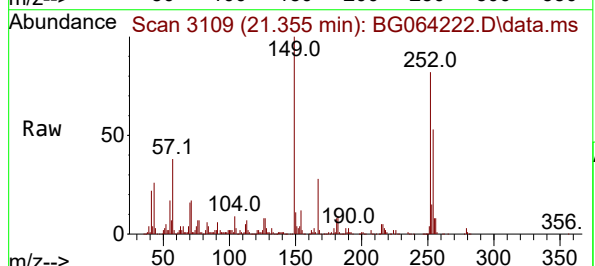
Manual Integrations  
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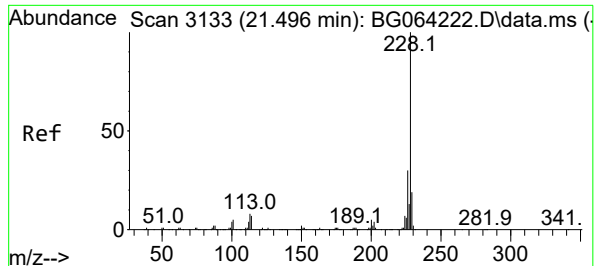
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 41.144 ng  
RT: 21.355 min Scan# 3109  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

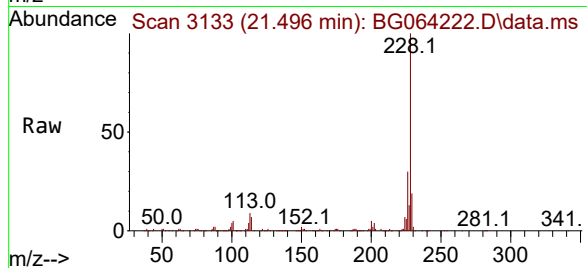
Tgt Ion:252 Resp: 197938  
Ion Ratio Lower Upper  
252 100  
254 64.9 51.9 77.9  
126 9.5 7.6 11.4





#83  
Chrysene  
Concen: 40.625 ng  
RT: 21.496 min Scan# 3133  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

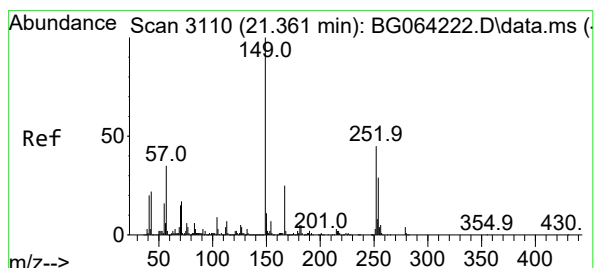
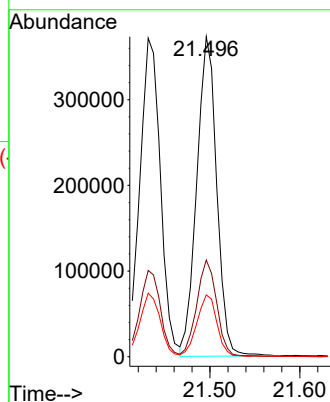
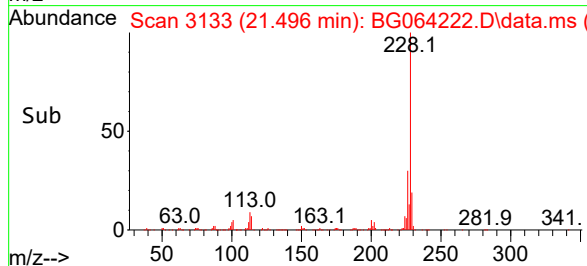
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:228 Resp: 57612  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.2 36.2  
229 19.3 15.4 23.2

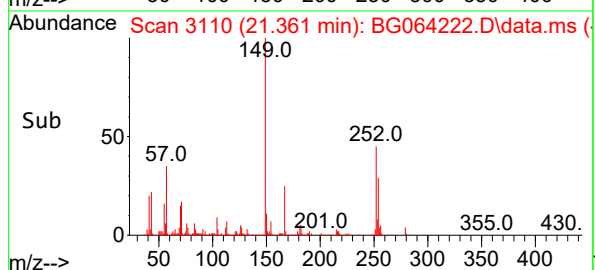
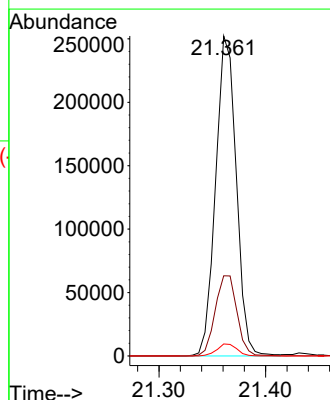
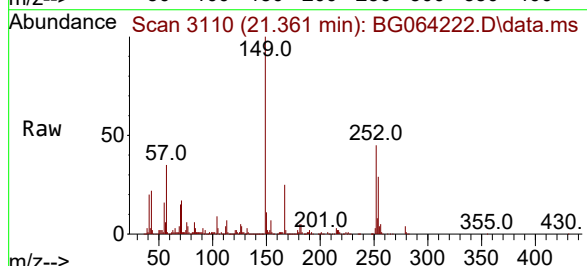
Manual Integrations  
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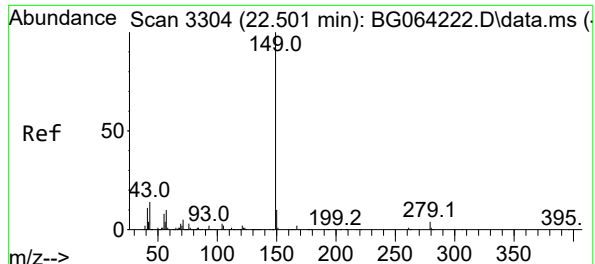
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.046 ng  
RT: 21.361 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

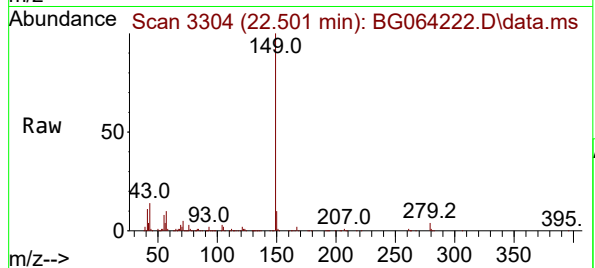
Tgt Ion:149 Resp: 338114  
Ion Ratio Lower Upper  
149 100  
167 25.0 20.0 30.0  
279 3.7 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 40.652 ng  
RT: 22.501 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

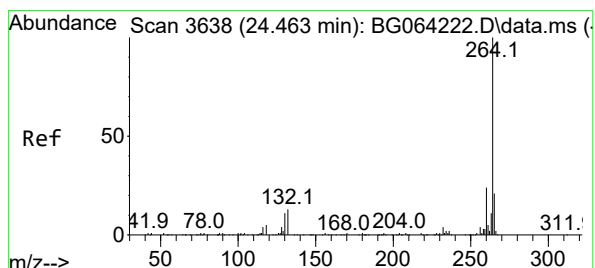
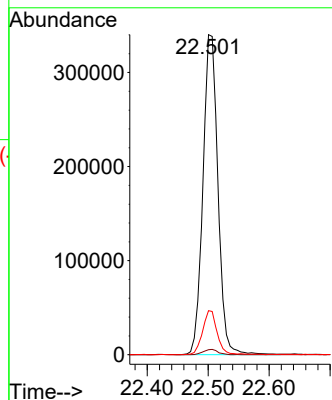
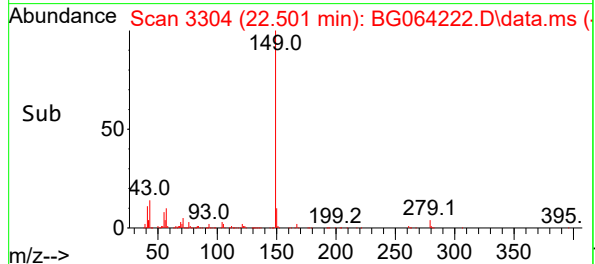
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:149 Resp: 58348  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 13.5 10.8 16.2

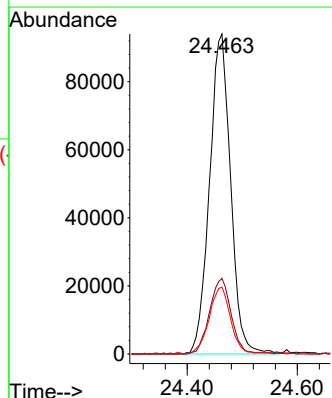
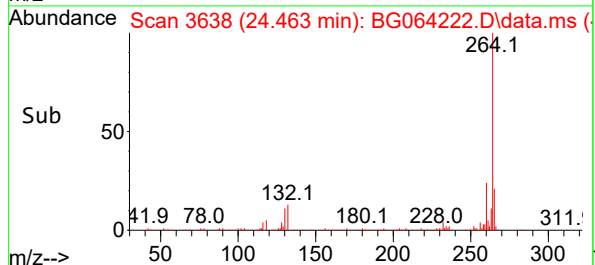
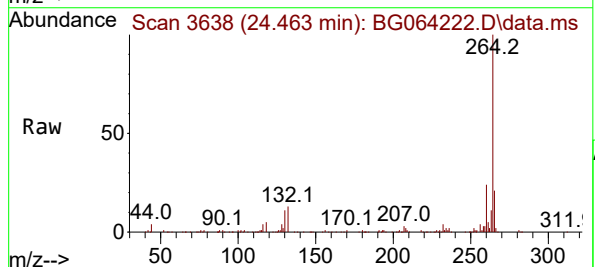
Manual Integrations  
APPROVED

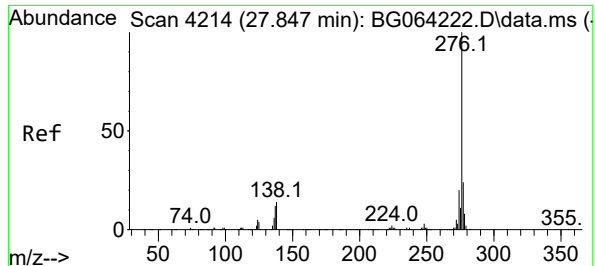
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.463 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

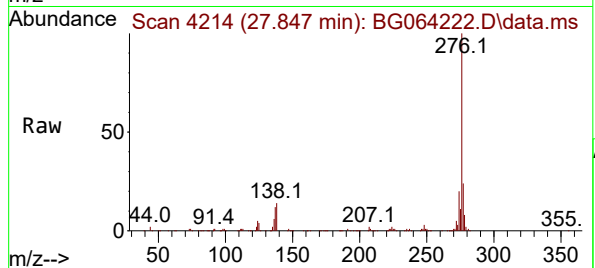
Tgt Ion:264 Resp: 249993  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.9 28.3  
265 20.9 16.7 25.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.973 ng  
RT: 27.847 min Scan# 4214  
Delta R.T. -0.024 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

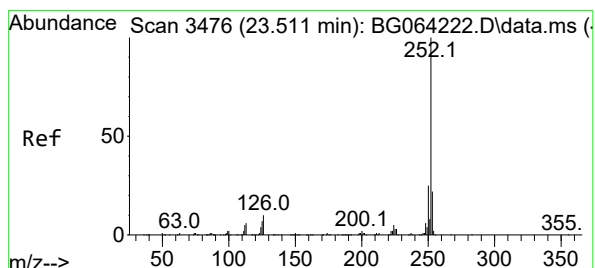
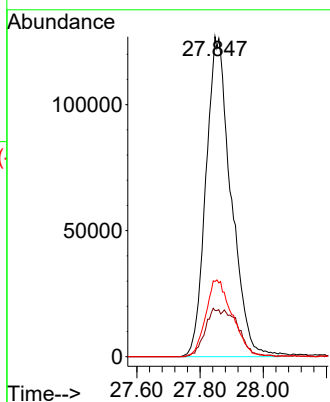
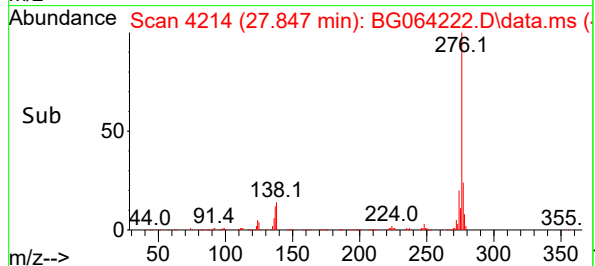
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:276 Resp: 699504  
Ion Ratio Lower Upper  
276 100  
138 9.2 7.4 11.0  
277 25.6 20.5 30.7

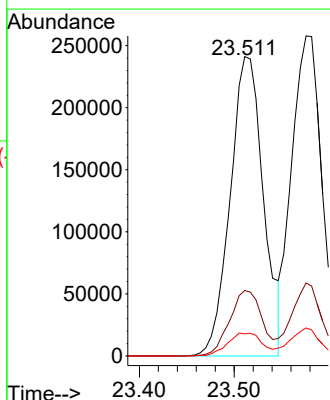
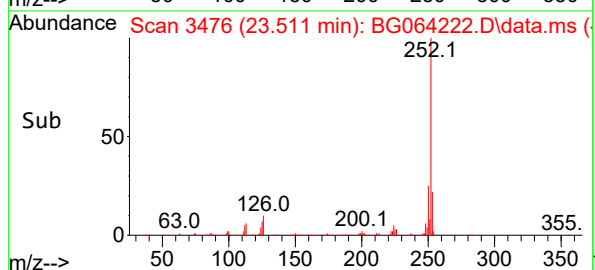
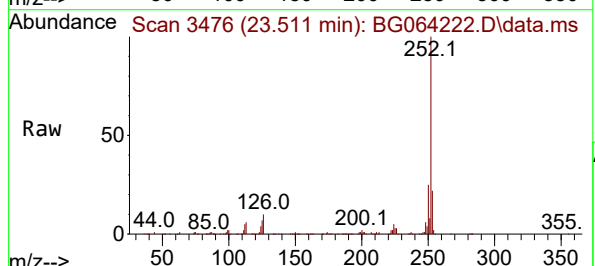
Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

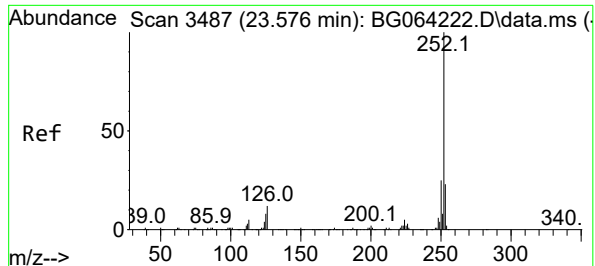


#88  
Benzo(b)fluoranthene  
Concen: 41.666 ng  
RT: 23.511 min Scan# 3476  
Delta R.T. -0.006 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

Tgt Ion:252 Resp: 587871  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 7.4 5.9 8.9







#89

Benzo(k)fluoranthene

Concen: 39.695 ng

RT: 23.576 min Scan# 3487

Delta R.T. -0.012 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 570589

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

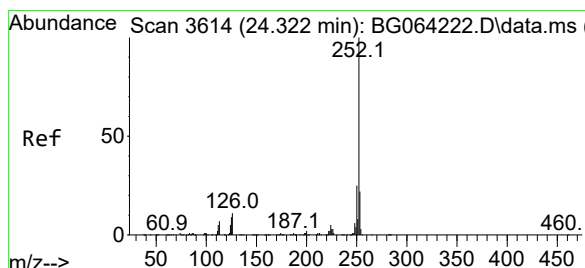
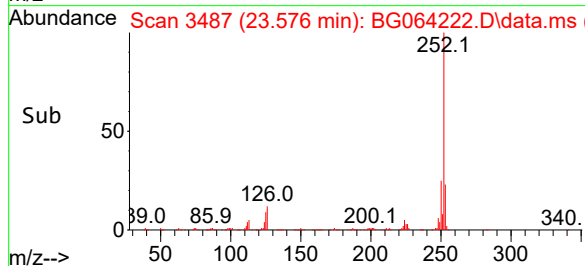
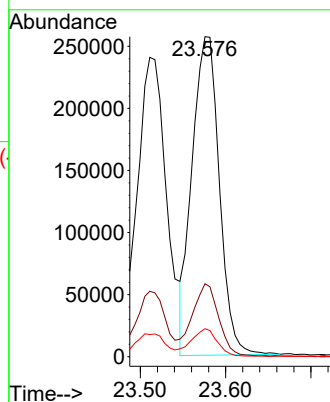
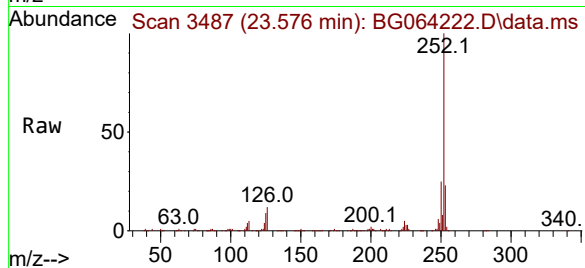
125 8.7 7.0 10.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 41.278 ng

RT: 24.322 min Scan# 3614

Delta R.T. -0.006 min

Lab File: BG064222.D

Acq: 28 Aug 2025 13:33

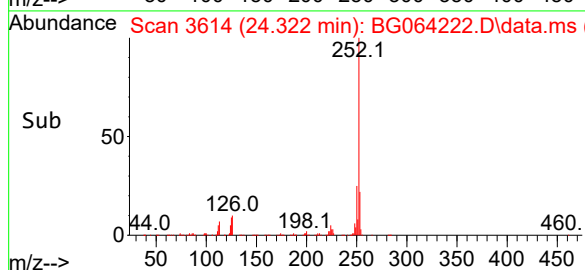
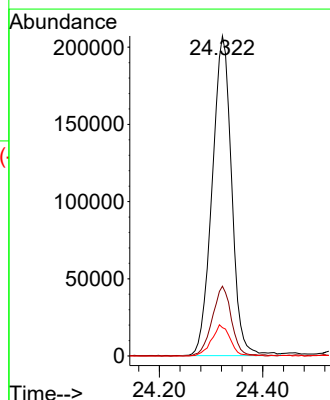
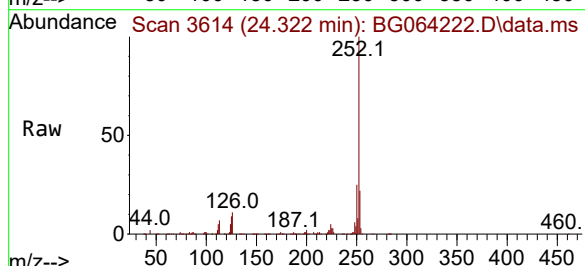
Tgt Ion:252 Resp: 541764

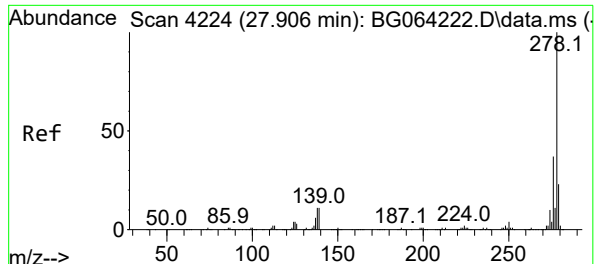
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

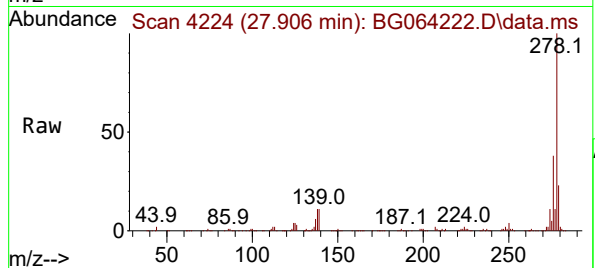
125 8.8 7.0 10.6





#91  
Dibenzo(a,h)anthracene  
Concen: 41.382 ng  
RT: 27.906 min Scan# 41  
Delta R.T. -0.018 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33

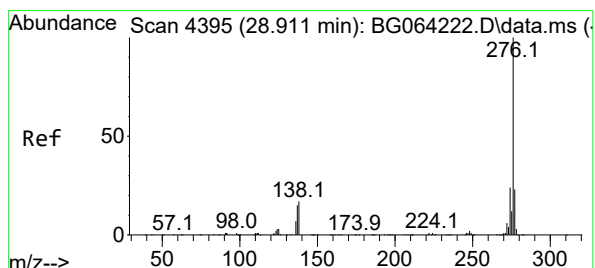
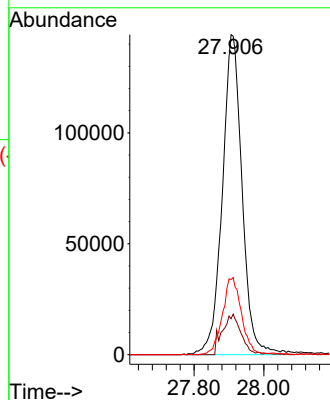
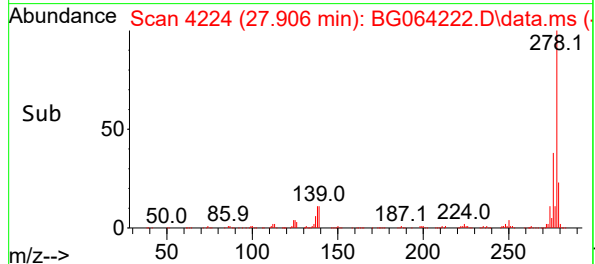
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



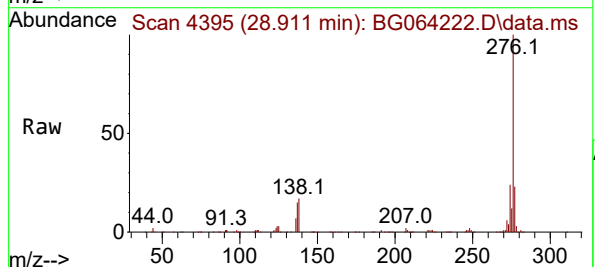
Tgt Ion:278 Resp: 56724  
Ion Ratio Lower Upper  
278 100  
139 11.2 9.0 13.4  
279 23.5 18.8 28.2

Manual Integrations  
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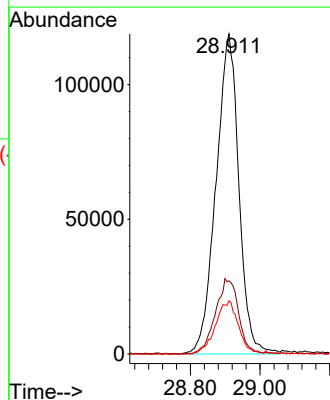
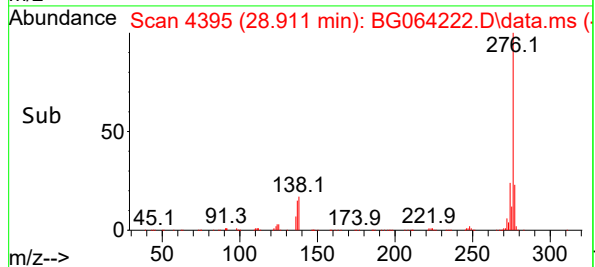
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#92  
Benzo(g,h,i)perylene  
Concen: 40.590 ng  
RT: 28.911 min Scan# 4395  
Delta R.T. -0.024 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 13:33



Tgt Ion:276 Resp: 541401  
Ion Ratio Lower Upper  
276 100  
277 22.8 18.2 27.4  
138 16.6 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064223.D  
 Acq On : 28 Aug 2025 14:55  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.861  | 152  | 33981    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.646 | 136  | 162789   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.483 | 164  | 113459   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.221 | 188  | 260584   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.457 | 240  | 265427   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.465 | 264  | 291787   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.440  | 112  | 182705   | 96.463 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.027  | 99   | 258550   | 99.362 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.012  | 82   | 290513   | 99.528 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.969 | 330  | 148084   | 98.538 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.108 | 172  | 730952   | 98.334 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.841 | 244  | 1218425  | 95.772 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.360  | 88   | 36549    | 46.296 | ng    | 91       |
| 3) Pyridine                   | 3.748  | 79   | 111747   | 48.087 | ng    | # 62     |
| 4) n-Nitrosodimethylamine     | 3.666  | 42   | 76108    | 49.514 | ng    | 95       |
| 6) Aniline                    | 7.185  | 93   | 182696   | 50.772 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.420  | 128  | 115532   | 49.917 | ng    | 95       |
| 9) Benzaldehyde               | 6.997  | 77   | 101310m  | 47.310 | ng    |          |
| 10) Phenol                    | 7.050  | 94   | 147768   | 51.508 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.285  | 93   | 106590   | 49.444 | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.749  | 146  | 118413   | 48.091 | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 7.890  | 146  | 121131   | 48.745 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.208  | 146  | 115952   | 48.346 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.096  | 79   | 121664   | 50.666 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.378  | 45   | 240049   | 48.772 | ng    | 97       |
| 17) 2-Methylphenol            | 8.296  | 107  | 103441   | 48.380 | ng    | 95       |
| 18) Hexachloroethane          | 8.936  | 117  | 48573    | 50.074 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.666  | 70   | 102918   | 51.679 | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.625  | 107  | 148663   | 50.040 | ng    | 95       |
| 22) Acetophenone              | 8.678  | 105  | 201707   | 48.977 | ng    | # 99     |
| 24) Nitrobenzene              | 9.054  | 77   | 153531   | 50.343 | ng    | 100      |
| 25) Isophorone                | 9.577  | 82   | 298308   | 49.174 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.759  | 139  | 67834    | 51.476 | ng    | 87       |
| 27) 2,4-Dimethylphenol        | 9.823  | 122  | 112443   | 48.601 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.058 | 93   | 158665   | 48.505 | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.293 | 162  | 121661   | 49.838 | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.511 | 180  | 125532   | 48.771 | ng    | 99       |
| 31) Naphthalene               | 10.699 | 128  | 408504   | 48.392 | ng    | 98       |
| 32) Benzoic acid              | 9.982  | 122  | 100402m  | 54.670 | ng    |          |
| 33) 4-Chloroaniline           | 10.799 | 127  | 167341   | 51.147 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.987 | 225  | 91046    | 47.853 | ng    | 90       |
| 35) Caprolactam               | 11.586 | 113  | 45631    | 48.275 | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 11.927 | 107  | 157192   | 49.630 | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.309 | 142  | 308014   | 49.089 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.526 | 142  | 299438   | 48.315 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.673 | 216  | 164947   | 50.386 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.655 | 237  | 82228    | 52.851 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.914 | 196  | 108841   | 49.743 | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064223.D  
 Acq On : 28 Aug 2025 14:55  
 Operator : RC/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:40:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.984 | 196  | 120763   | 50.879 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.319 | 154  | 410868   | 49.719 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.360 | 162  | 310870   | 50.039 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.560 | 65   | 111792   | 52.795 | ng    | 97       |
| 49) Acenaphthylene            | 14.206 | 152  | 455916   | 49.644 | ng    | 99       |
| 50) Dimethylphthalate         | 13.942 | 163  | 414776   | 48.298 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.054 | 165  | 85196    | 51.244 | ng    | 94       |
| 52) Acenaphthene              | 14.547 | 154  | 320309   | 49.423 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.383 | 138  | 89170    | 51.202 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.588 | 184  | 52115    | 50.240 | ng    | 87       |
| 55) Dibenzofuran              | 14.882 | 168  | 499696   | 49.018 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.694 | 139  | 73126    | 51.188 | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 14.841 | 165  | 127679   | 50.791 | ng    | # 98     |
| 58) Fluorene                  | 15.534 | 166  | 401649   | 48.071 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.105 | 232  | 117168   | 51.324 | ng    | 97       |
| 60) Diethylphthalate          | 15.311 | 149  | 435581   | 47.393 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.528 | 204  | 204160   | 49.008 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.552 | 138  | 94189    | 53.002 | ng    | 96       |
| 63) Azobenzene                | 15.816 | 77   | 399233   | 48.736 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.605 | 198  | 78644    | 52.566 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.740 | 169  | 353288   | 49.284 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.416 | 248  | 137844   | 49.804 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.533 | 284  | 150620   | 49.006 | ng    | 92       |
| 69) Atrazine                  | 16.692 | 200  | 145808   | 48.714 | ng    | 96       |
| 70) Pentachlorophenol         | 16.874 | 266  | 96347    | 51.699 | ng    | # 88     |
| 71) Phenanthrene              | 17.268 | 178  | 664429   | 48.343 | ng    | 98       |
| 72) Anthracene                | 17.356 | 178  | 673083   | 48.144 | ng    | 99       |
| 73) Carbazole                 | 17.626 | 167  | 597673   | 48.528 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.196 | 149  | 713842   | 48.243 | ng    | 98       |
| 75) Fluoranthene              | 19.277 | 202  | 767254   | 47.477 | ng    | 97       |
| 77) Benzidine                 | 19.459 | 184  | 255340   | 45.730 | ng    | 100      |
| 78) Pyrene                    | 19.635 | 202  | 806963   | 48.257 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.534 | 149  | 314706   | 49.896 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.433 | 228  | 828398   | 48.784 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.357 | 252  | 272006   | 49.185 | ng    | 97       |
| 83) Chrysene                  | 21.498 | 228  | 798825   | 49.001 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.363 | 149  | 472845   | 49.934 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.508 | 149  | 814659   | 49.375 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.867 | 276  | 983131   | 49.338 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.519 | 252  | 805106   | 48.889 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.584 | 252  | 825274   | 49.190 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.330 | 252  | 763697   | 49.853 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 27.920 | 278  | 793072   | 49.569 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.924 | 276  | 760245   | 48.833 | ng    | 99       |

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

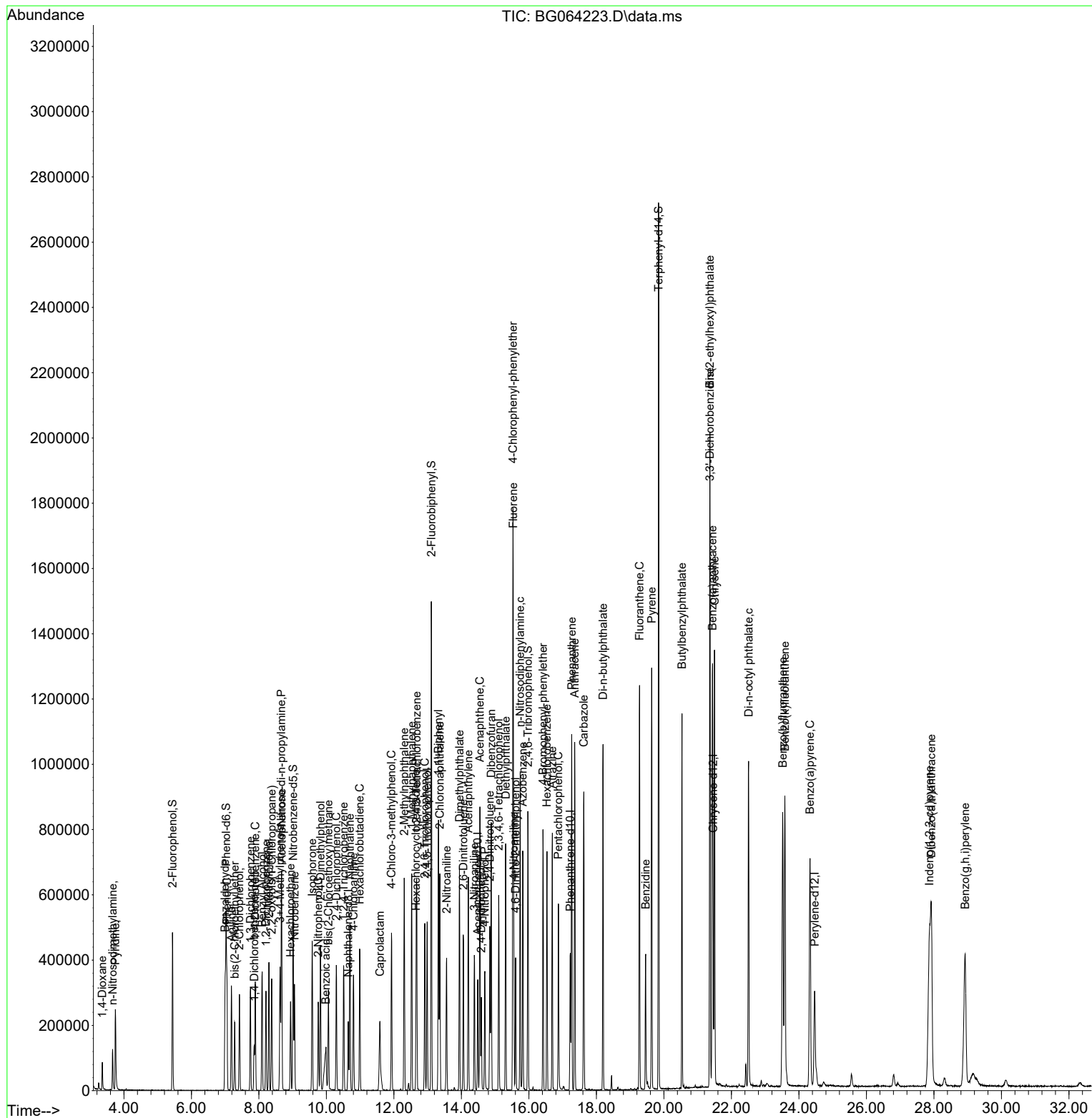
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
Data File : BG064223.D  
Acq On : 28 Aug 2025 14:55  
Operator : RC/JU  
Sample : SSTDICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

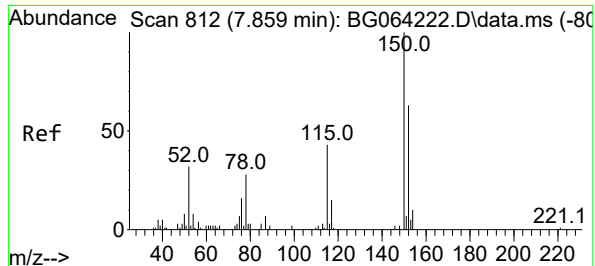
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC050

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

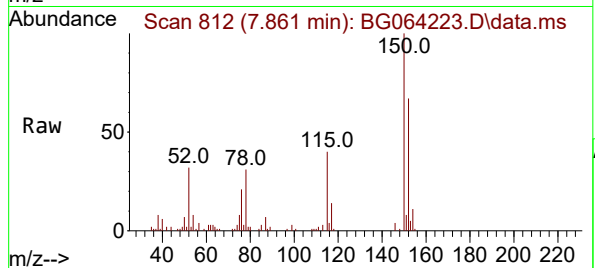
Quant Time: Aug 28 18:40:53 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.861 min Scan# 81  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

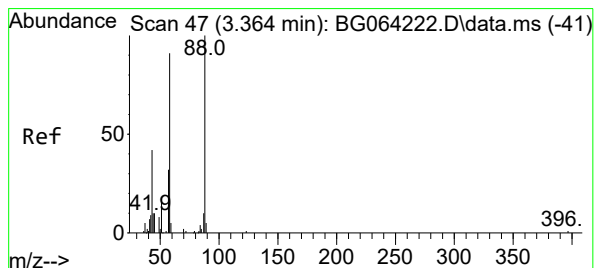
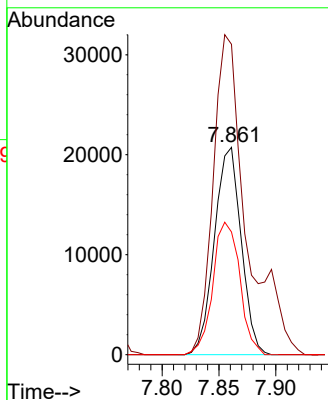
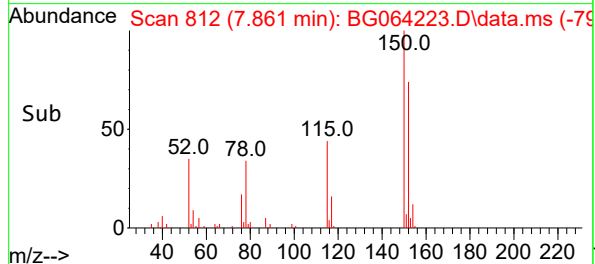
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:152 Resp: 3398  
Ion Ratio Lower Upper  
152 100  
150 149.7 128.0 192.0  
115 59.2 55.7 83.5

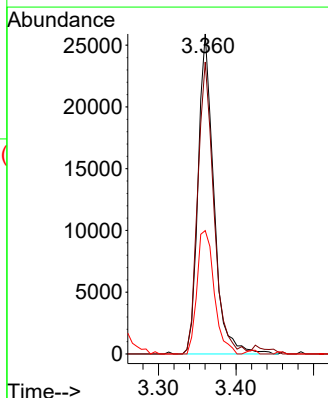
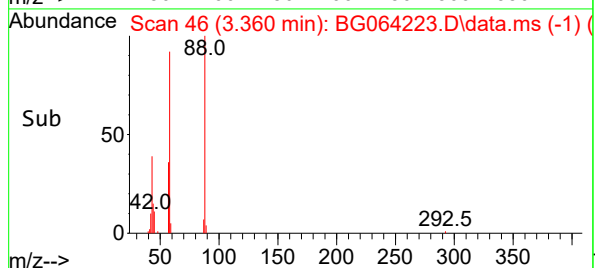
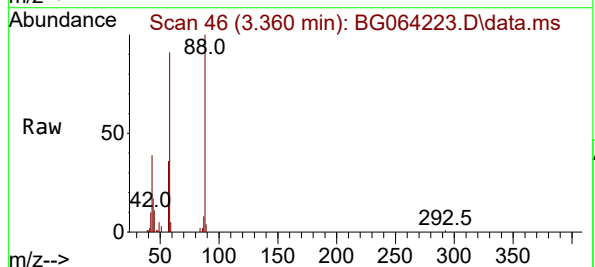
Manual Integrations  
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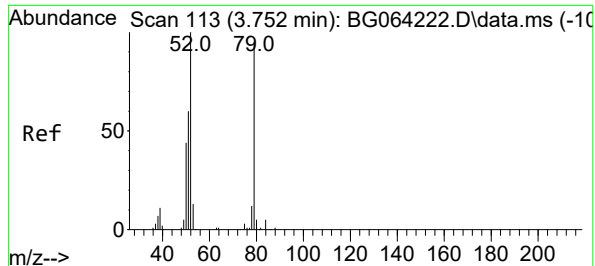
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#2  
1,4-Dioxane  
Concen: 46.296 ng  
RT: 3.360 min Scan# 46  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

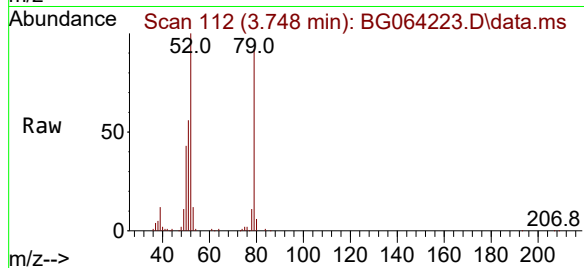
Tgt Ion: 88 Resp: 36549  
Ion Ratio Lower Upper  
88 100  
58 93.6 80.8 121.2  
43 42.1 40.3 60.5





#3  
Pyridine  
Concen: 48.087 ng  
RT: 3.748 min Scan# 113  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

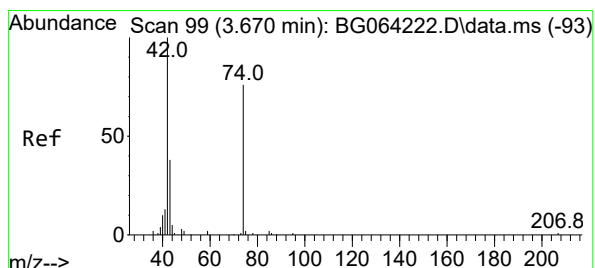
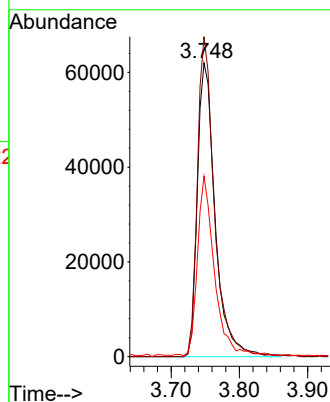
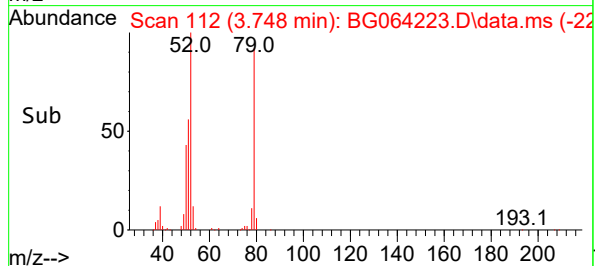
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 79 Resp: 11174  
Ion Ratio Lower Upper  
79 100  
52 108.9 86.6 129.8  
51 61.5 114.1 171.1

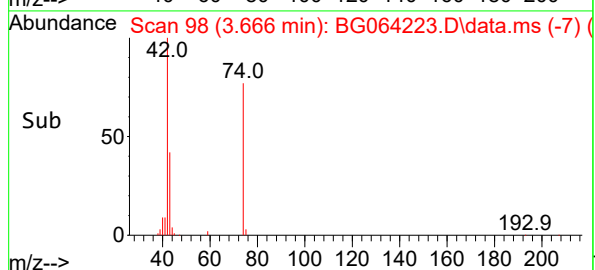
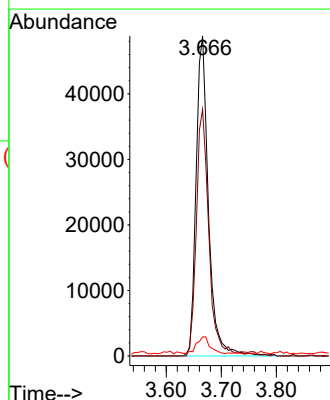
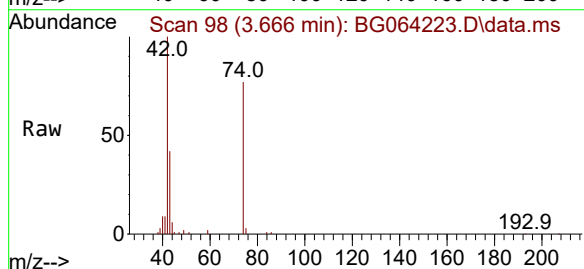
Manual Integrations  
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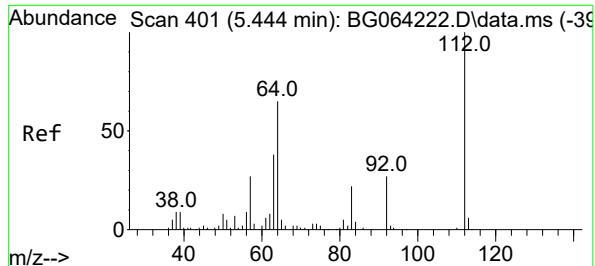
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#4  
n-Nitrosodimethylamine  
Concen: 49.514 ng  
RT: 3.666 min Scan# 98  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

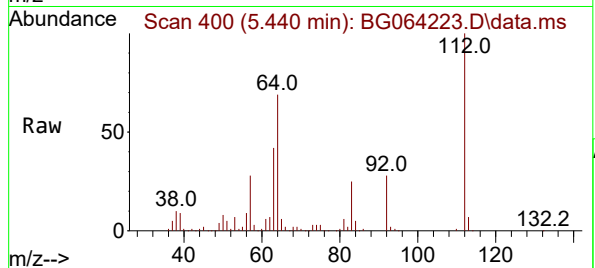
Tgt Ion: 42 Resp: 76108  
Ion Ratio Lower Upper  
42 100  
74 77.0 58.0 87.0  
44 5.9 5.5 8.3





#5  
2-Fluorophenol  
Concen: 96.463 ng  
RT: 5.440 min Scan# 401  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

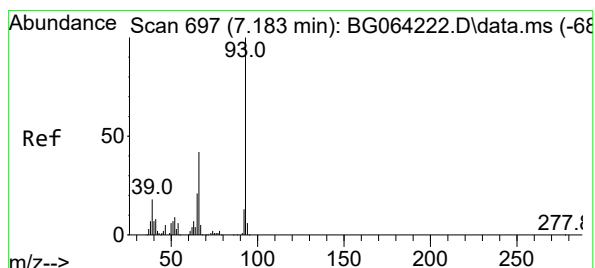
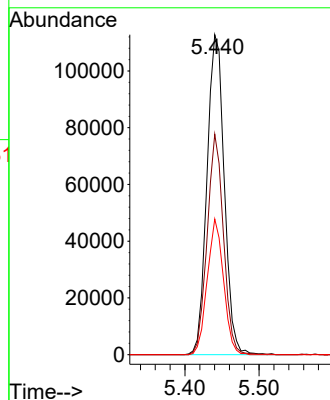
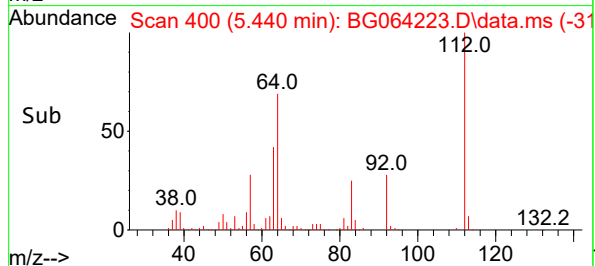
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:112 Resp: 182709  
Ion Ratio Lower Upper  
112 100  
64 68.9 51.8 77.6  
63 42.4 30.6 45.8

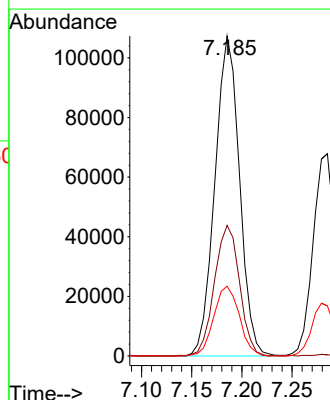
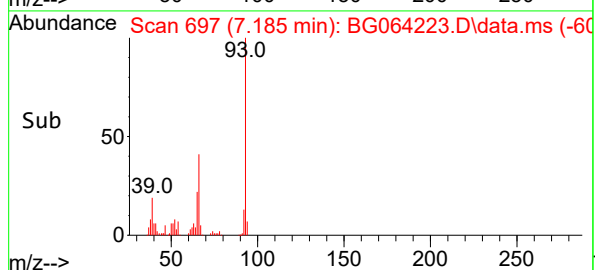
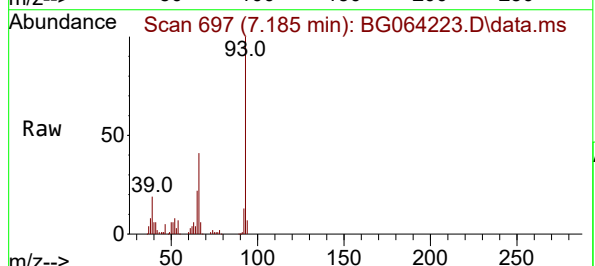
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

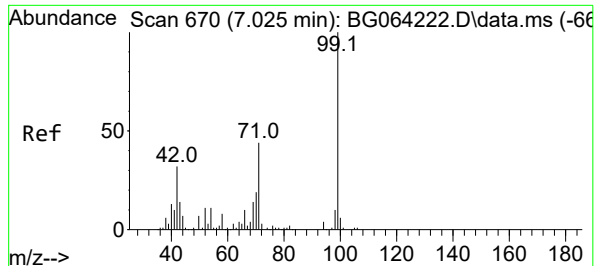


#6  
Aniline  
Concen: 50.772 ng  
RT: 7.185 min Scan# 697  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion: 93 Resp: 182696  
Ion Ratio Lower Upper  
93 100  
66 40.8 33.8 50.8  
65 21.8 16.9 25.3

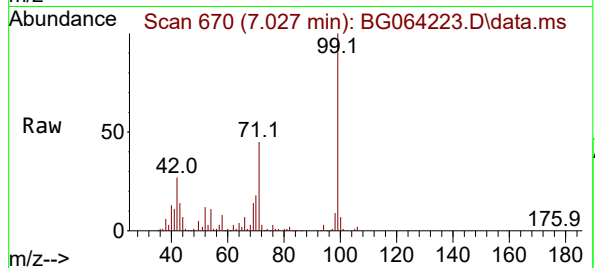






#7  
Phenol-d6  
Concen: 99.362 ng  
RT: 7.027 min Scan# 61  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

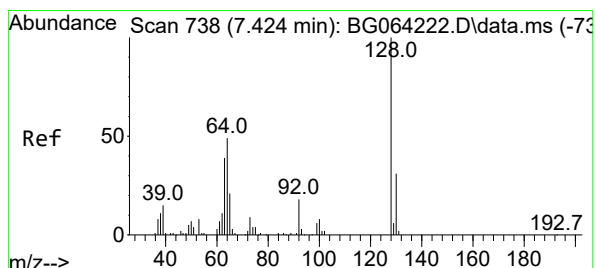
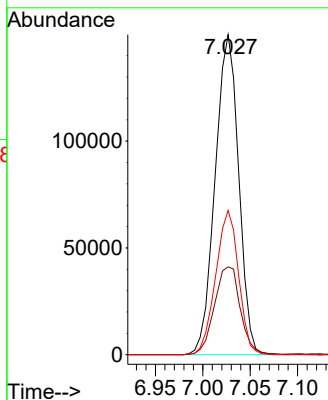
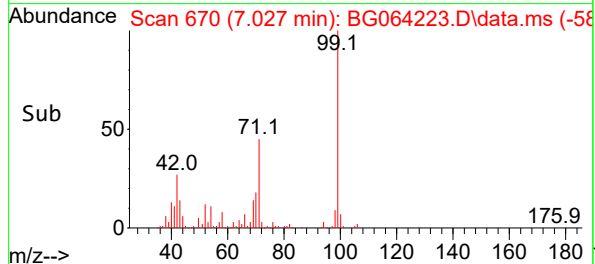
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 99 Resp: 258550  
Ion Ratio Lower Upper  
99 100  
42 27.5 25.8 38.8  
71 45.1 35.2 52.8

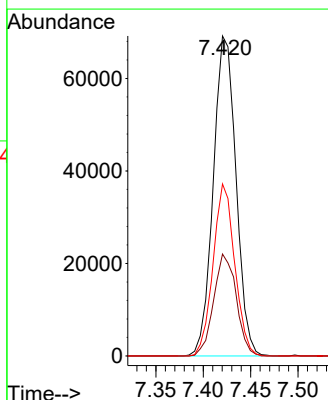
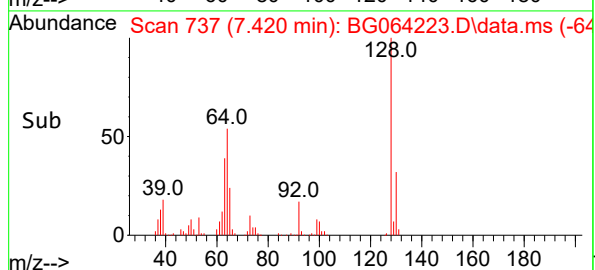
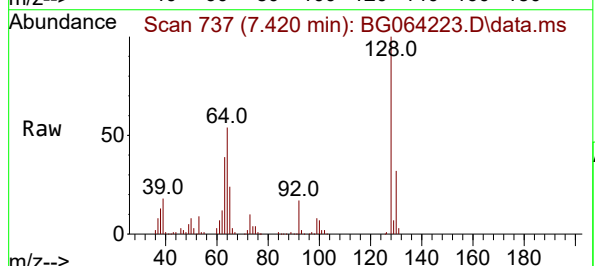
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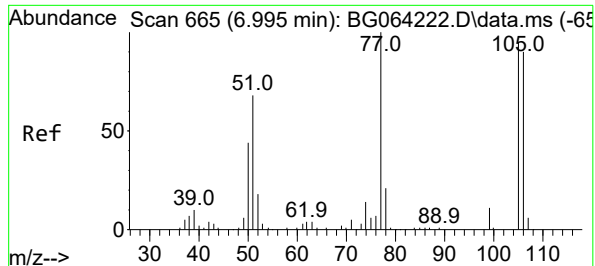
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#8  
2-Chlorophenol  
Concen: 49.917 ng  
RT: 7.420 min Scan# 737  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

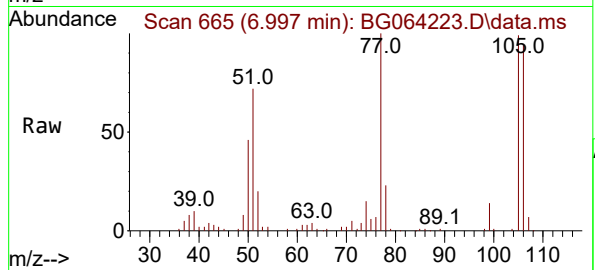
Tgt Ion:128 Resp: 115532  
Ion Ratio Lower Upper  
128 100  
130 31.8 10.9 50.9  
64 53.8 28.7 68.7





#9  
Benzaldehyde  
Concen: 47.310 ng m  
RT: 6.997 min Scan# 665  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

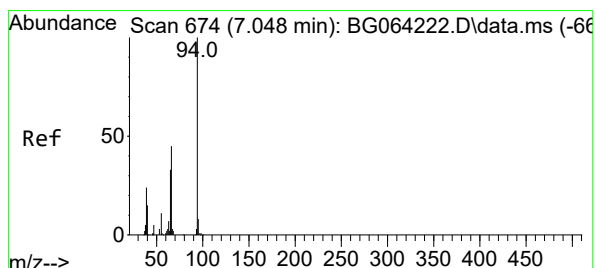
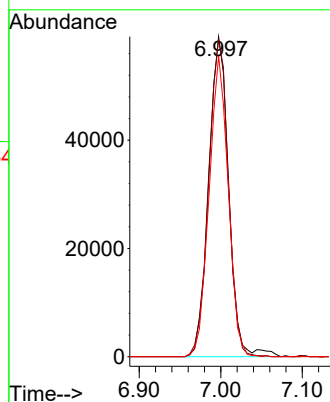
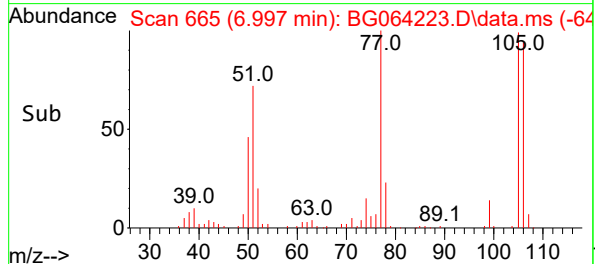
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 77 Resp: 101310  
Ion Ratio Lower Upper  
77 100  
105 99.0 75.2 115.2  
106 94.0 69.6 109.6

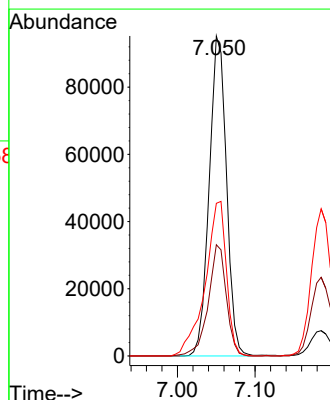
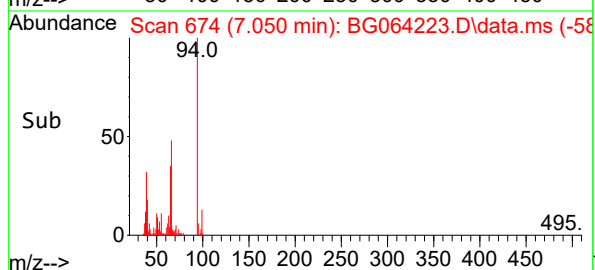
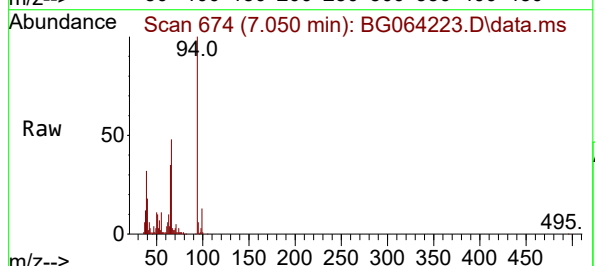
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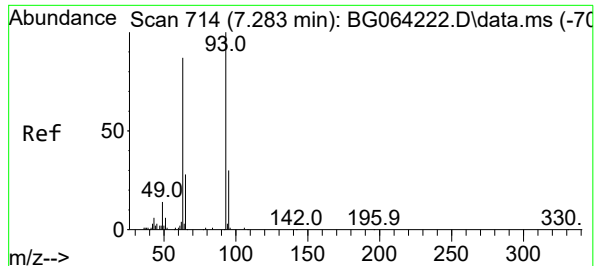
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#10  
Phenol  
Concen: 51.508 ng  
RT: 7.050 min Scan# 674  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion: 94 Resp: 147768  
Ion Ratio Lower Upper  
94 100  
65 34.8 13.5 53.5  
66 47.7 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 49.444 ng

RT: 7.285 min Scan# 714

Delta R.T. 0.002 min

Lab File: BG064223.D

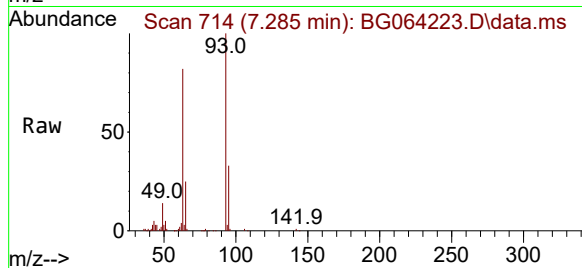
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion: 93 Resp: 106590

Ion Ratio Lower Upper

93 100

63 82.1 66.2 106.2

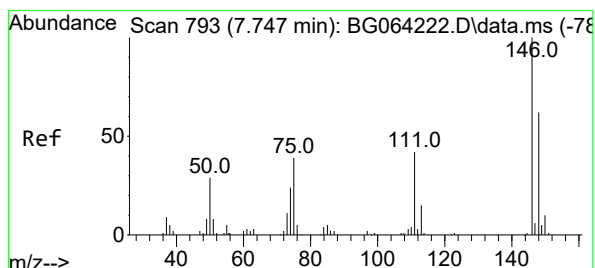
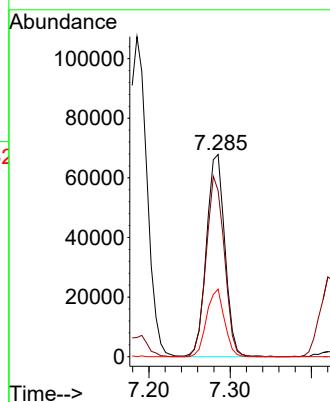
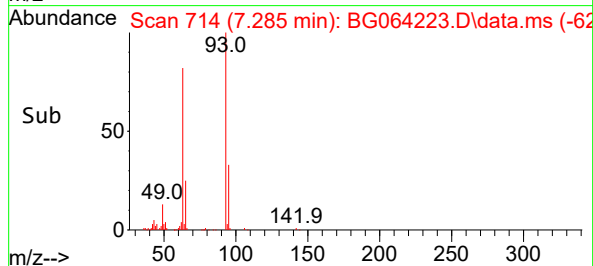
95 33.4 9.8 49.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 48.091 ng

RT: 7.749 min Scan# 793

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

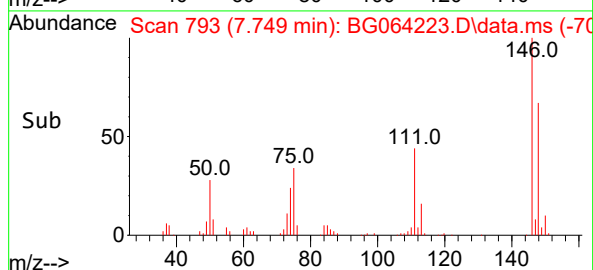
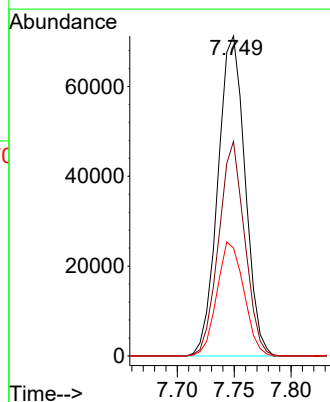
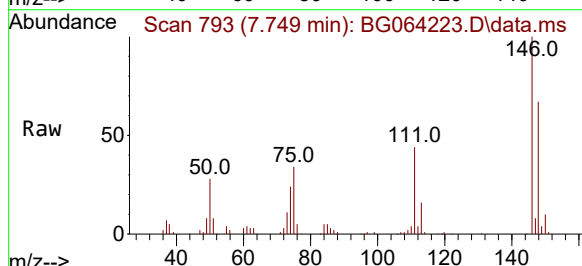
Tgt Ion:146 Resp: 118413

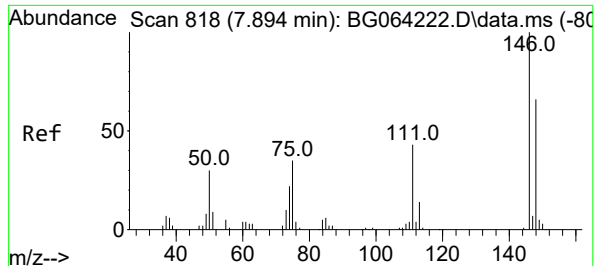
Ion Ratio Lower Upper

146 100

148 67.0 49.6 74.4

75 33.7 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 48.745 ng

RT: 7.890 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 12113

Ion Ratio Lower Upper

146 100

148 63.5 52.8 79.2

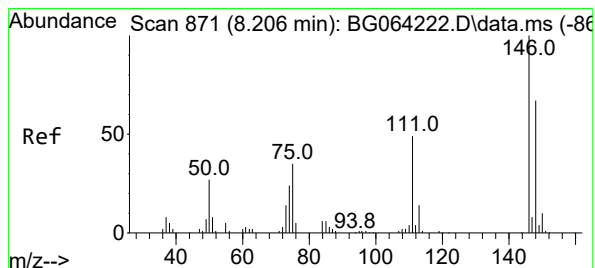
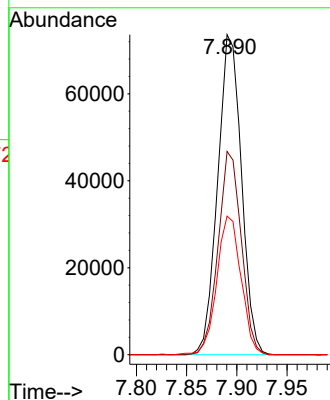
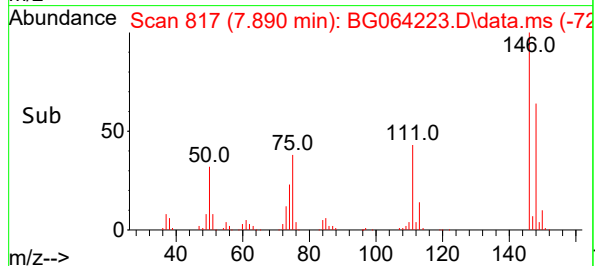
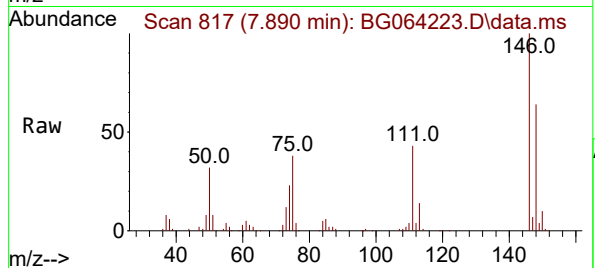
111 43.3 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 48.346 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

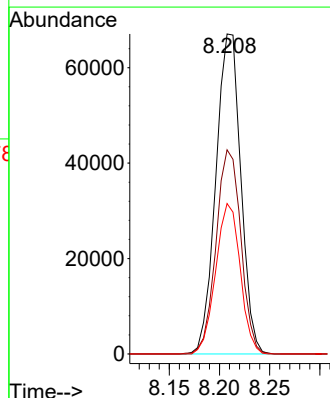
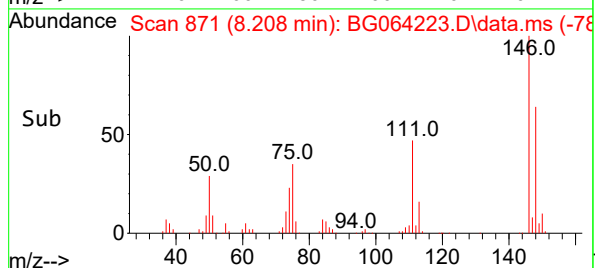
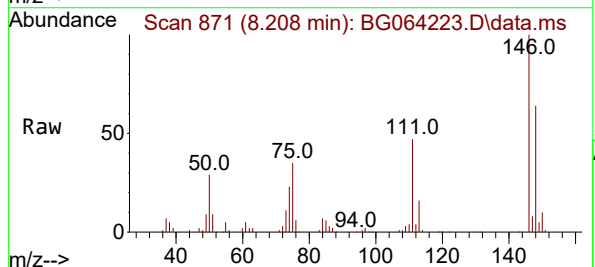
Tgt Ion:146 Resp: 115952

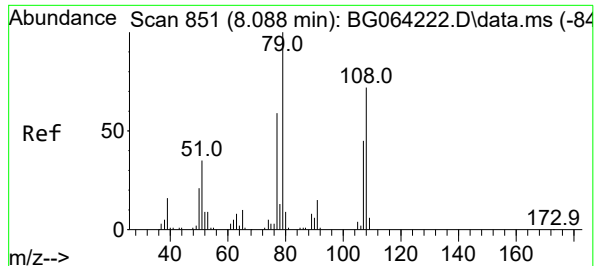
Ion Ratio Lower Upper

146 100

148 63.8 53.4 80.0

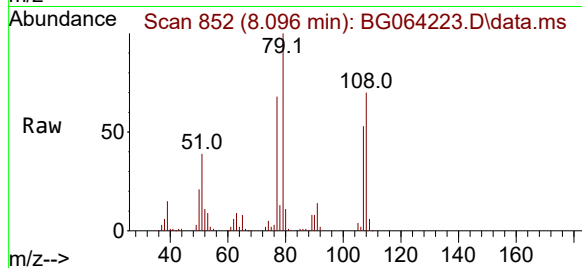
111 47.0 39.1 58.7





#15  
Benzyl Alcohol  
Concen: 50.666 ng  
RT: 8.096 min Scan# 851  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

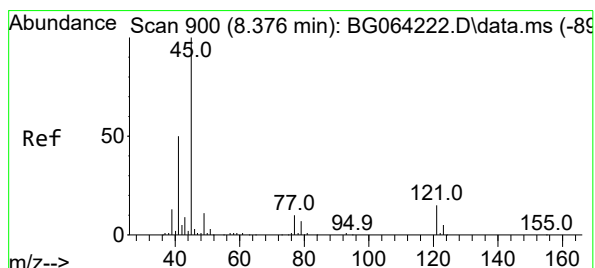
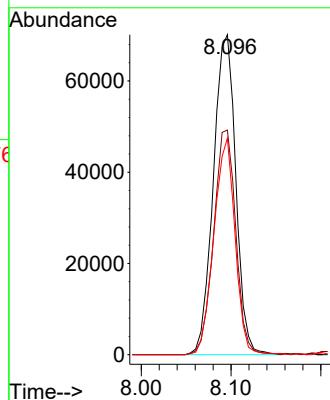
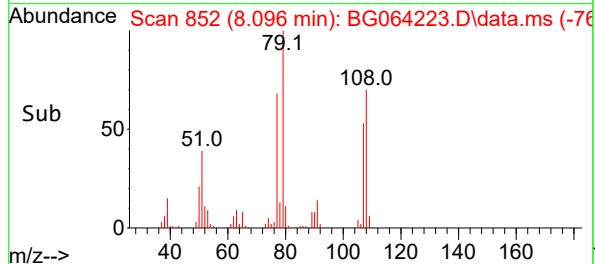
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 79 Resp: 121664  
Ion Ratio Lower Upper  
79 100  
108 70.2 57.4 86.0  
77 67.6 47.2 70.8

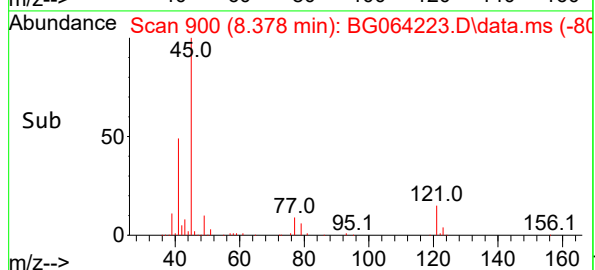
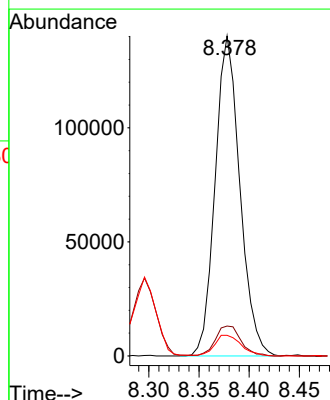
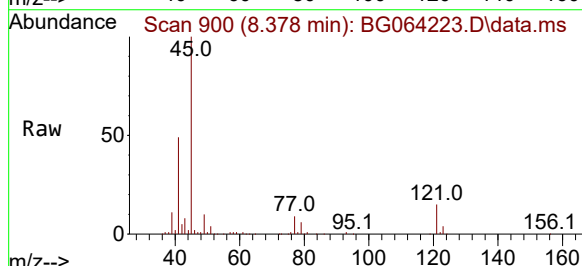
Manual Integrations  
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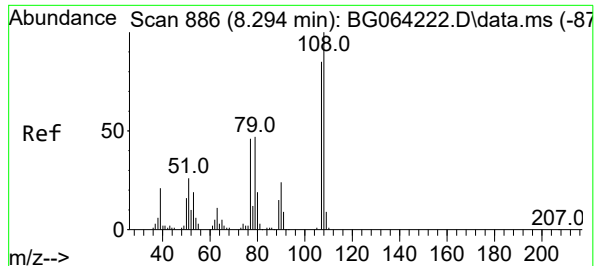
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.772 ng  
RT: 8.378 min Scan# 900  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion: 45 Resp: 240049  
Ion Ratio Lower Upper  
45 100  
77 9.4 0.0 30.0  
79 6.5 0.0 27.9





#17

2-Methylphenol

Concen: 48.380 ng

RT: 8.296 min Scan# 886

Delta R.T. -0.004 min

Lab File: BG064223.D

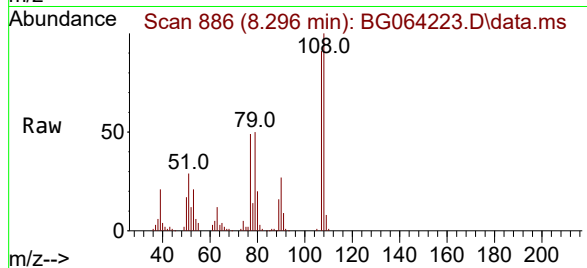
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion:107 Resp: 10344

Ion Ratio Lower Upper

107 100

108 109.8 94.6 141.8

77 53.9 43.7 65.5

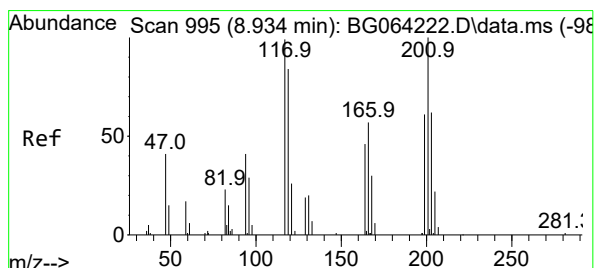
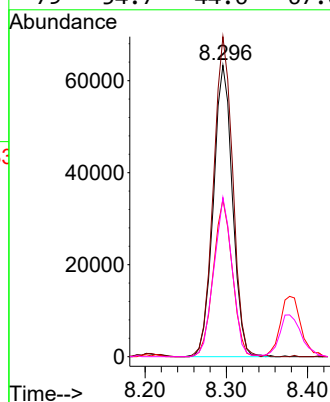
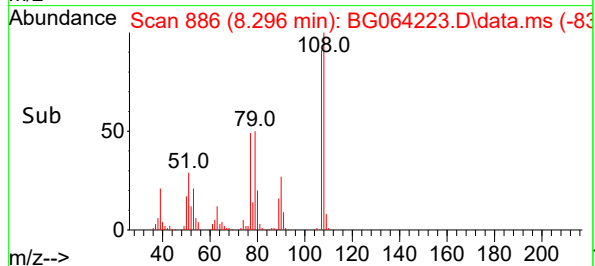
79 54.7 44.6 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 50.074 ng

RT: 8.936 min Scan# 995

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

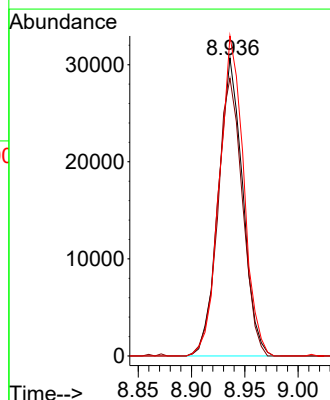
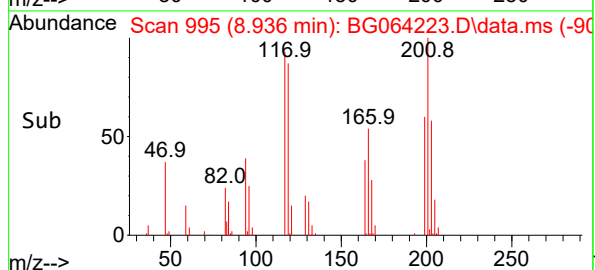
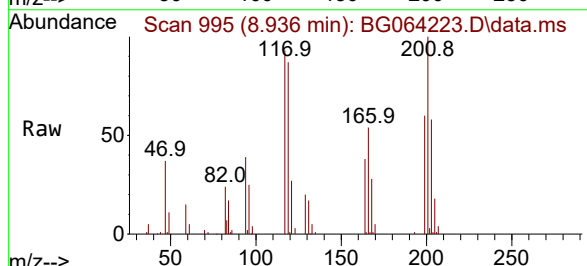
Tgt Ion:117 Resp: 48573

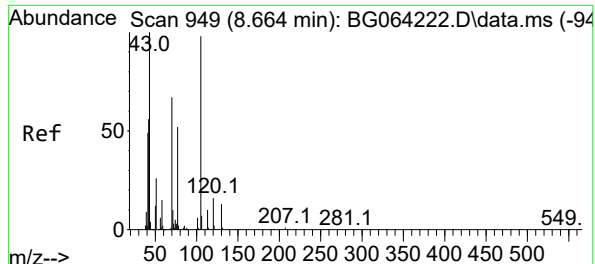
Ion Ratio Lower Upper

117 100

119 93.2 67.9 101.9

201 107.3 80.5 120.7





#19

n-Nitroso-di-n-propylamine

Concen: 51.679 ng

RT: 8.666 min Scan# 949

Delta R.T. 0.002 min

Lab File: BG064223.D

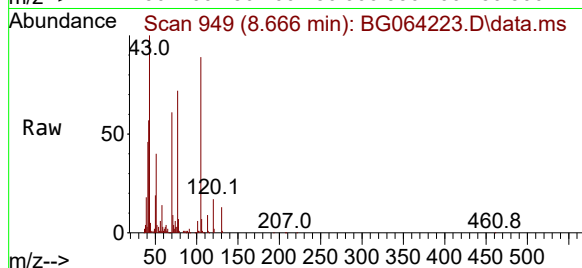
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 102918

Ion Ratio Lower Upper

70 100

42 92.2 67.9 101.9

101 10.5 7.3 10.9

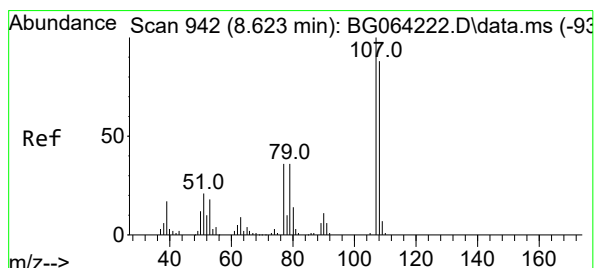
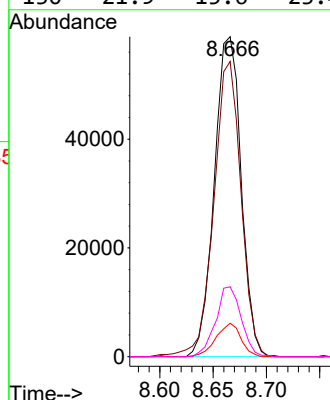
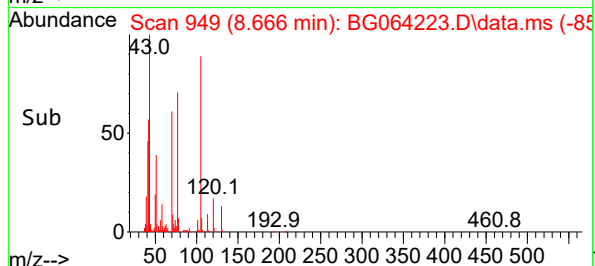
130 21.9 15.6 23.4

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#20

3+4-Methylphenols

Concen: 50.040 ng

RT: 8.625 min Scan# 942

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Tgt Ion:107 Resp: 148663

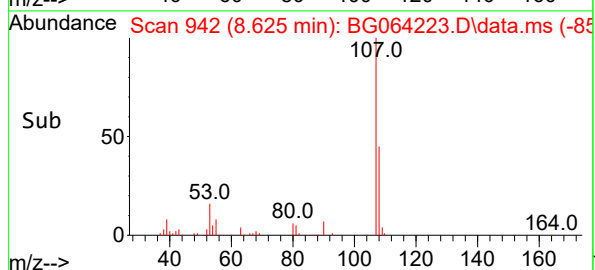
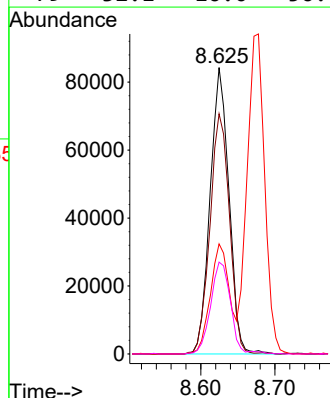
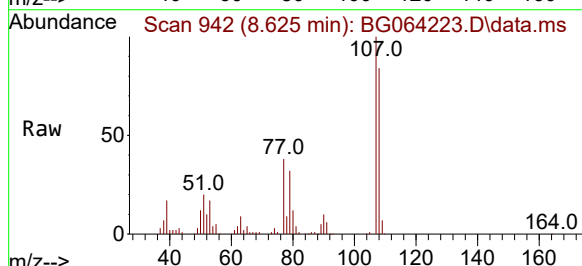
Ion Ratio Lower Upper

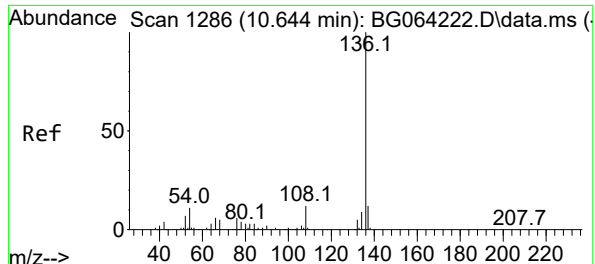
107 100

108 83.9 68.1 108.1

77 38.4 15.9 55.9

79 32.1 16.0 56.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.646 min Scan# 1286

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 162789

Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 11.4 8.8 13.2

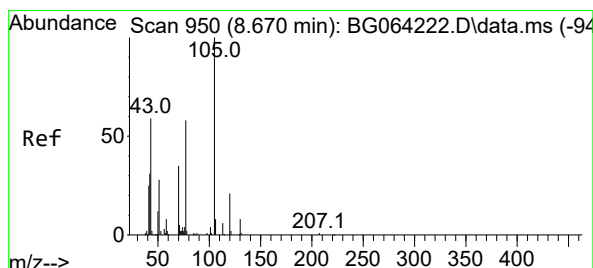
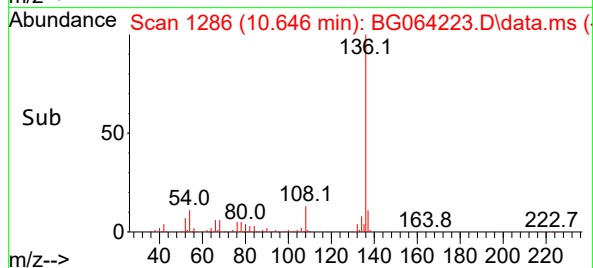
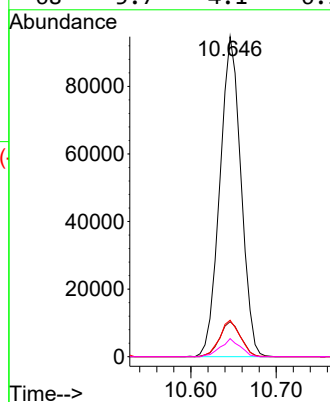
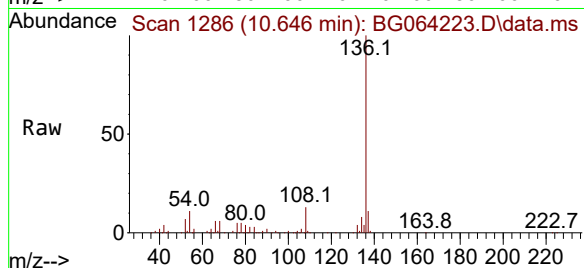
68 5.7 4.1 6.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#22

Acetophenone

Concen: 48.977 ng

RT: 8.678 min Scan# 951

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Tgt Ion:105 Resp: 201707

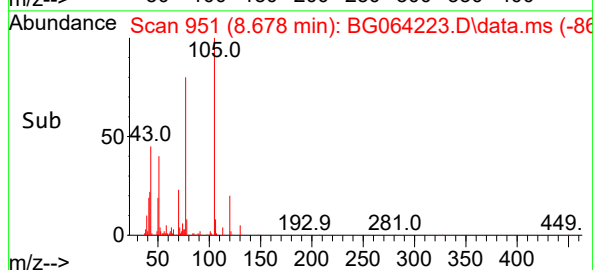
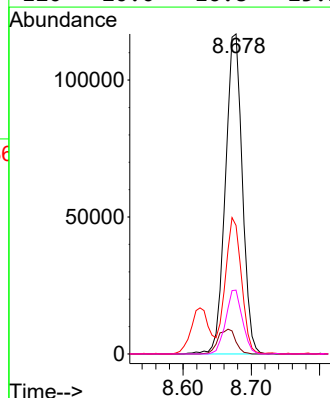
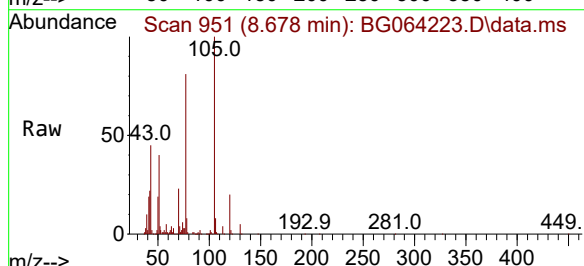
Ion Ratio Lower Upper

105 100

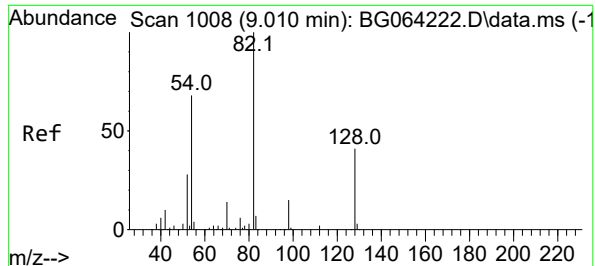
71 3.7 4.3 6.5

51 40.2 32.4 48.6

120 20.0 16.8 25.2

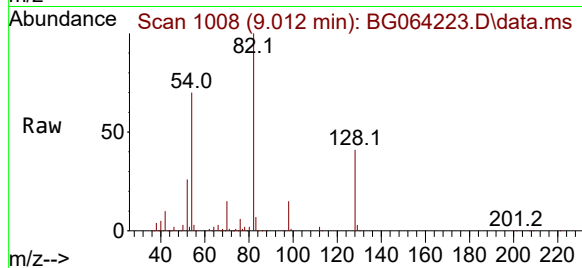






#23  
Nitrobenzene-d5  
Concen: 99.528 ng  
RT: 9.012 min Scan# 1008  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

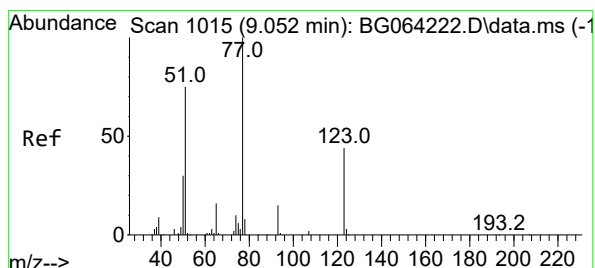
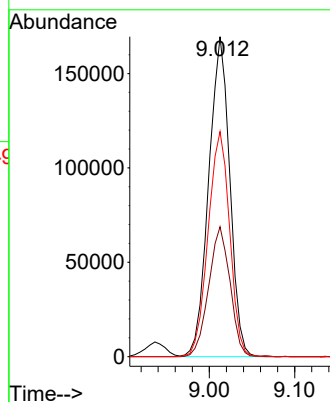
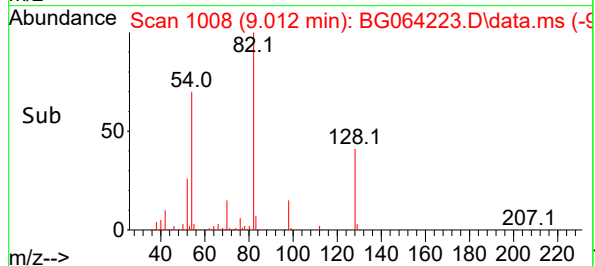
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 82 Resp: 290511  
Ion Ratio Lower Upper  
82 100  
128 40.6 32.6 48.8  
54 70.4 54.7 82.1

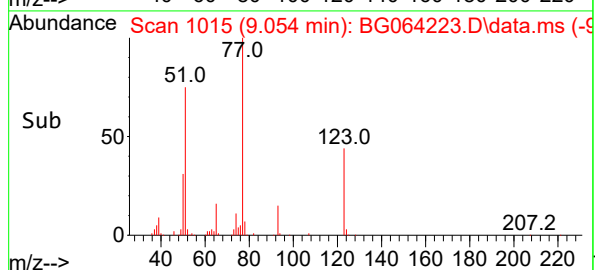
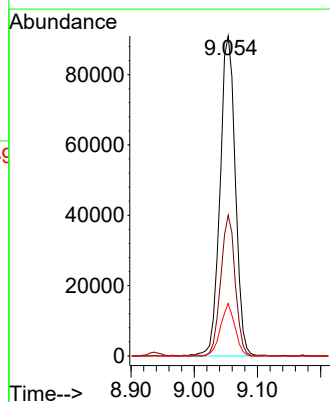
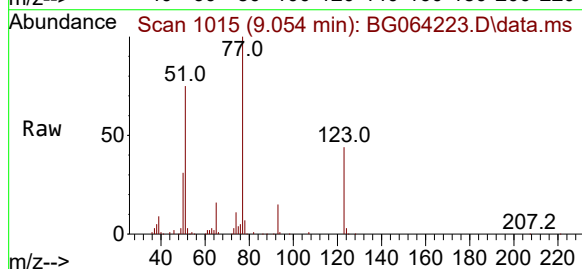
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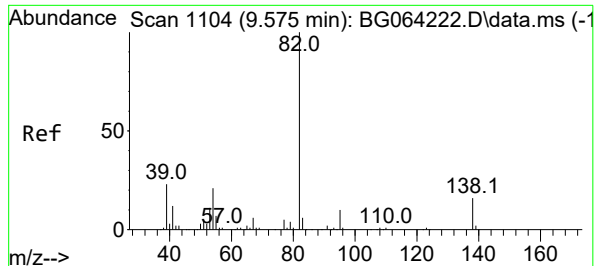
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#24  
Nitrobenzene  
Concen: 50.343 ng  
RT: 9.054 min Scan# 1015  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion: 77 Resp: 153531  
Ion Ratio Lower Upper  
77 100  
123 43.9 35.2 52.8  
65 16.4 12.6 19.0





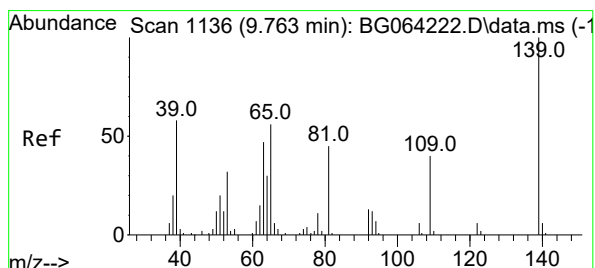
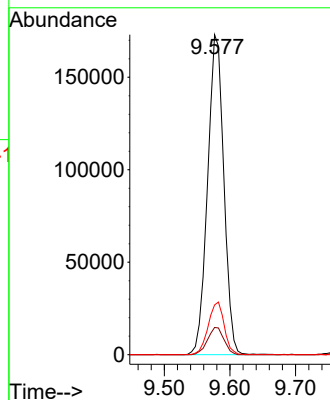
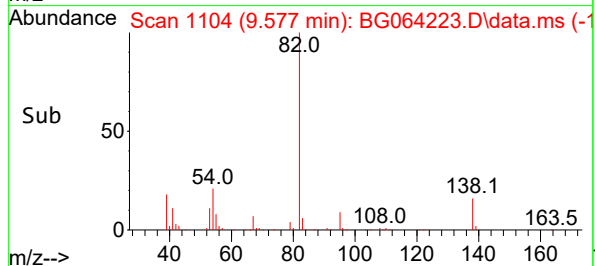
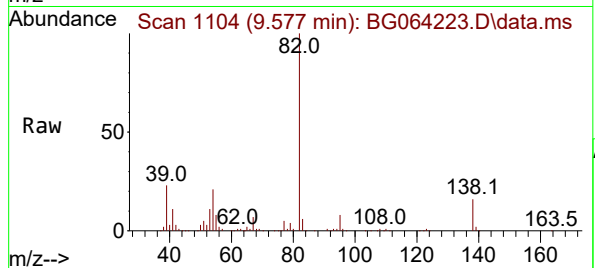
#25  
Isophorone  
Concen: 49.174 ng  
RT: 9.577 min Scan# 1104  
Delta R.T. -0.010 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion: 82 Resp: 298308  
Ion Ratio Lower Upper  
82 100  
95 8.5 7.9 11.9  
138 15.5 13.0 19.4

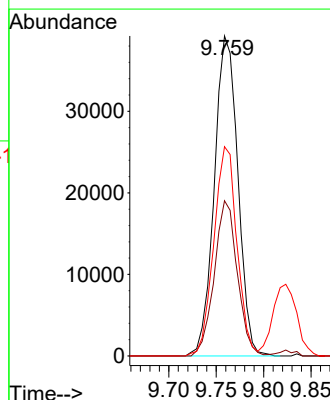
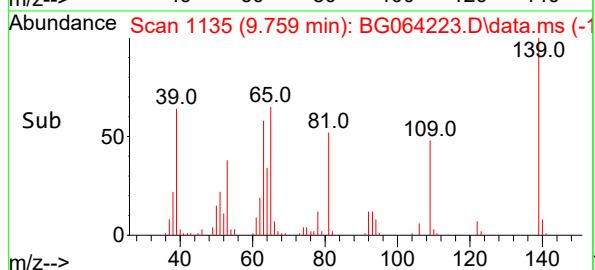
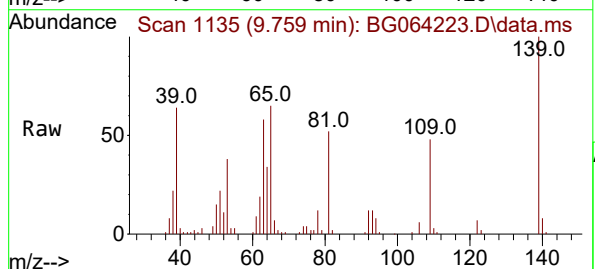
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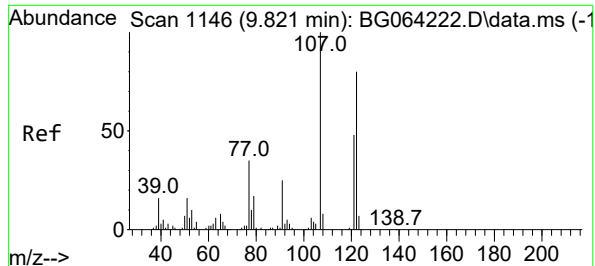
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#26  
2-Nitrophenol  
Concen: 51.476 ng  
RT: 9.759 min Scan# 1135  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion:139 Resp: 67834  
Ion Ratio Lower Upper  
139 100  
109 48.5 32.4 48.6  
65 65.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 48.601 ng

RT: 9.823 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 11244

Ion Ratio Lower Upper

122 100

107 124.5 99.9 149.9

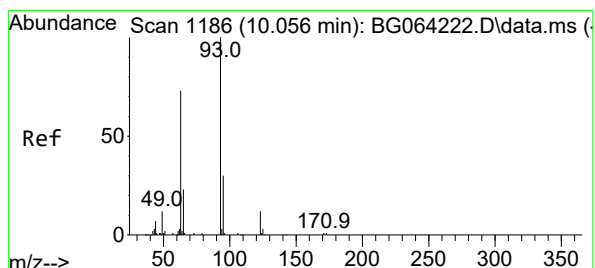
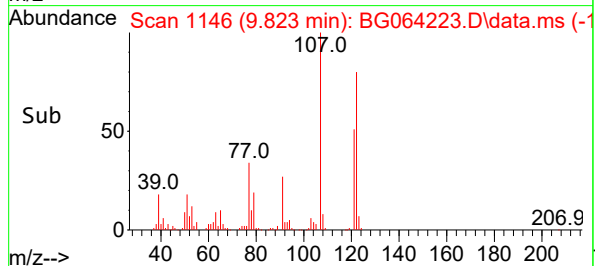
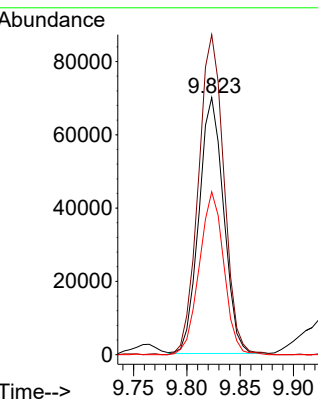
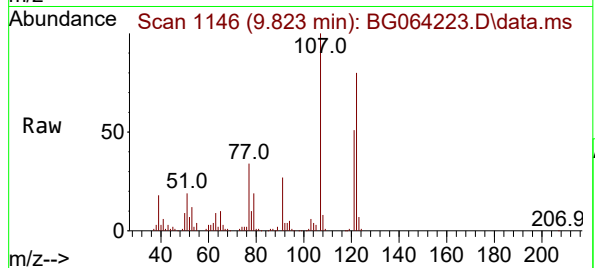
121 63.3 48.6 72.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 48.505 ng

RT: 10.058 min Scan# 1186

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

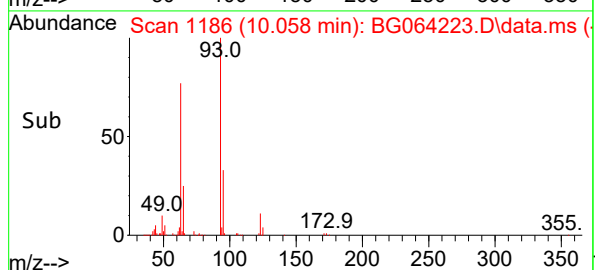
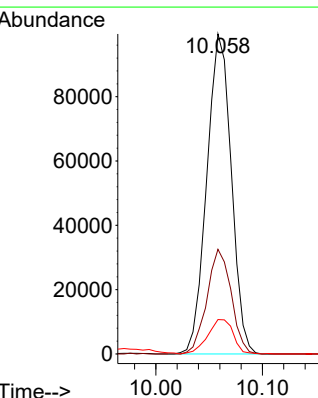
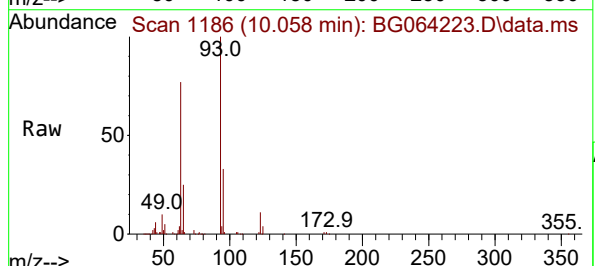
Tgt Ion: 93 Resp: 158665

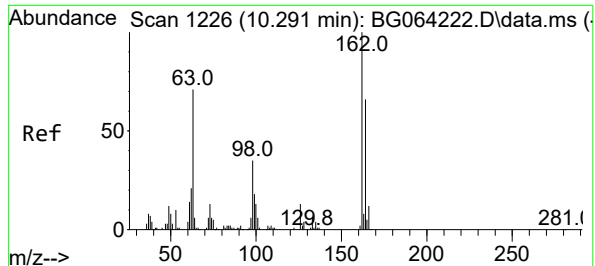
Ion Ratio Lower Upper

93 100

95 32.7 23.9 35.9

123 10.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 49.838 ng

RT: 10.293 min Scan# 1226

Delta R.T. -0.004 min

Lab File: BG064223.D

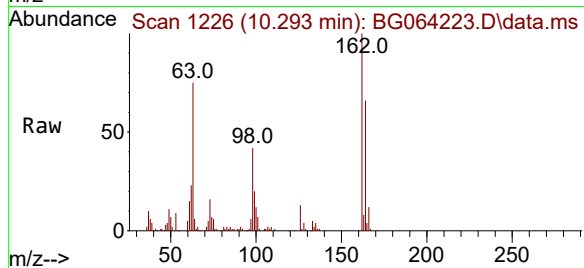
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 12166

Ion Ratio Lower Upper

162 100

164 65.6 45.8 85.8

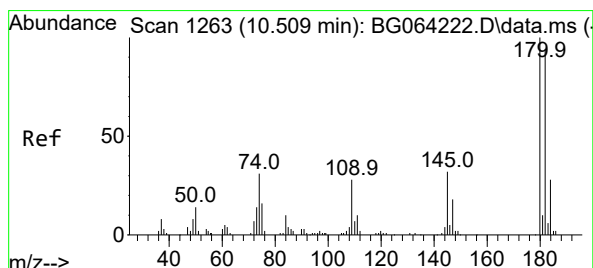
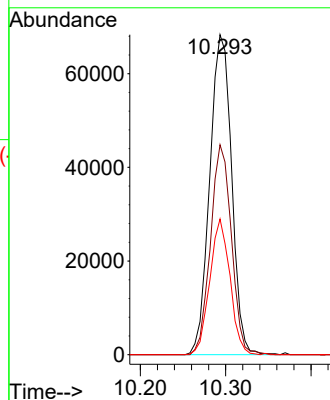
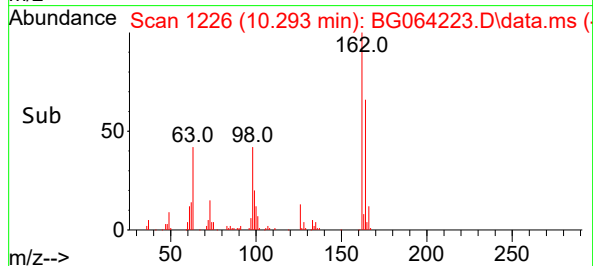
98 42.4 15.2 55.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.771 ng

RT: 10.511 min Scan# 1263

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

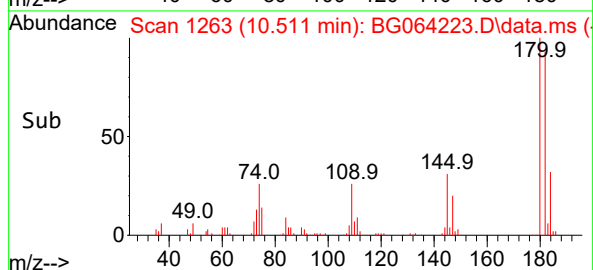
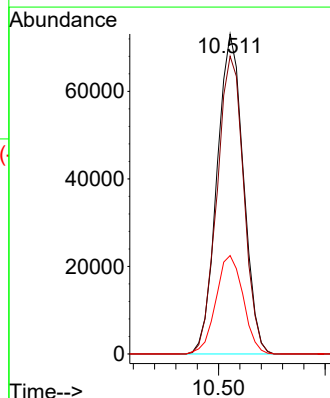
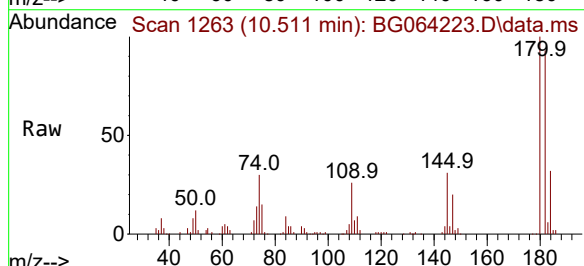
Tgt Ion:180 Resp: 125532

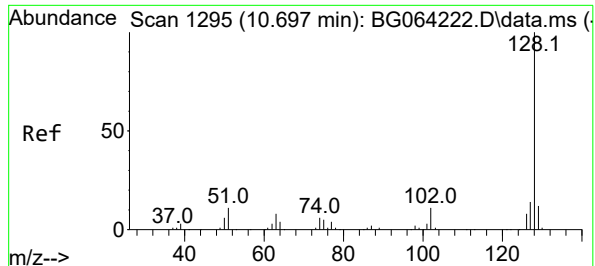
Ion Ratio Lower Upper

180 100

182 93.0 75.0 112.6

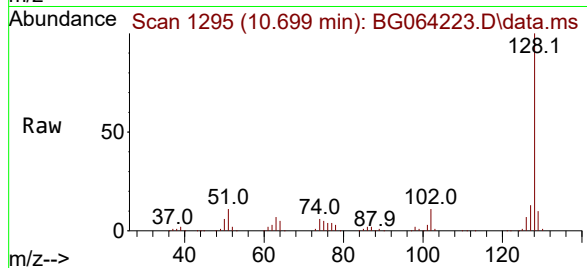
145 30.8 25.4 38.0





#31  
Naphthalene  
Concen: 48.392 ng  
RT: 10.699 min Scan# 1173  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

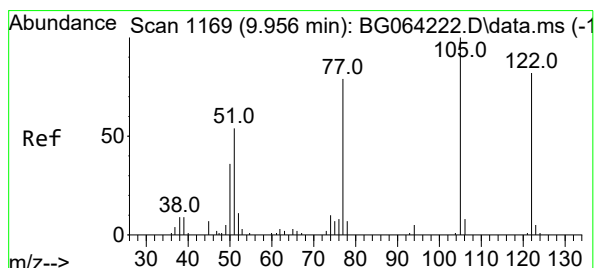
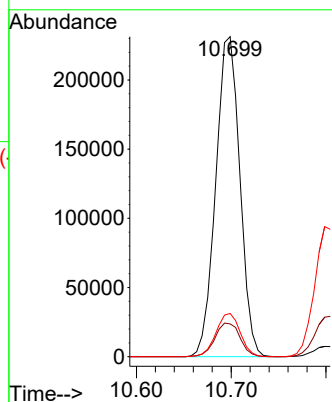
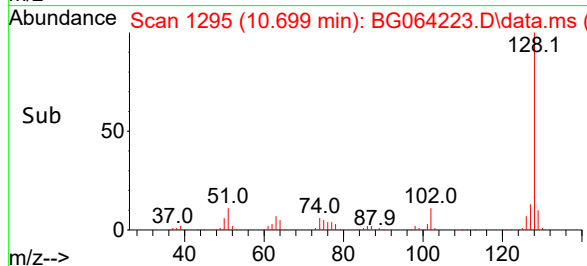
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:128 Resp: 408504  
Ion Ratio Lower Upper  
128 100  
129 10.2 9.4 14.2  
127 13.5 10.9 16.3

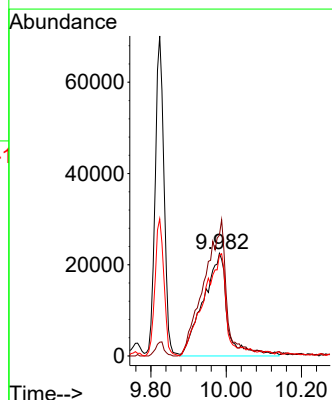
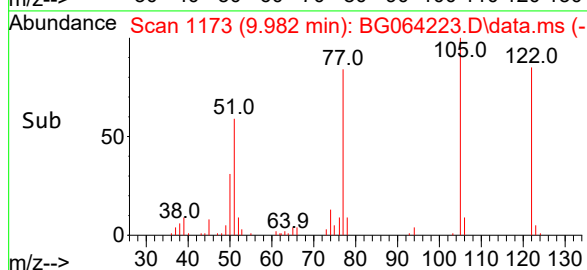
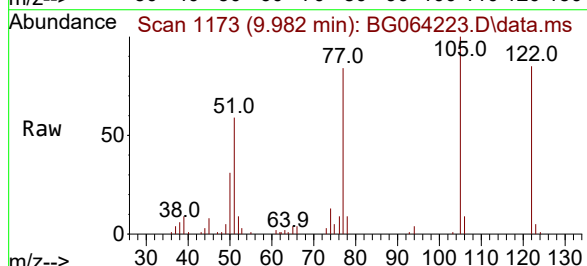
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APPROVED

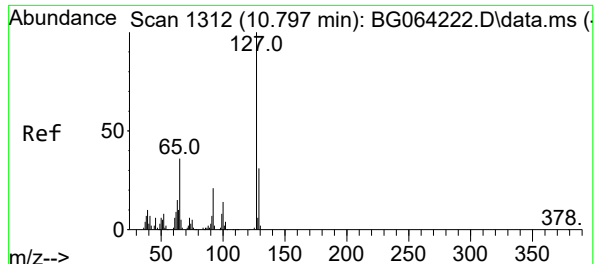
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#32  
Benzoic acid  
Concen: 54.670 ng m  
RT: 9.982 min Scan# 1173  
Delta R.T. -0.034 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

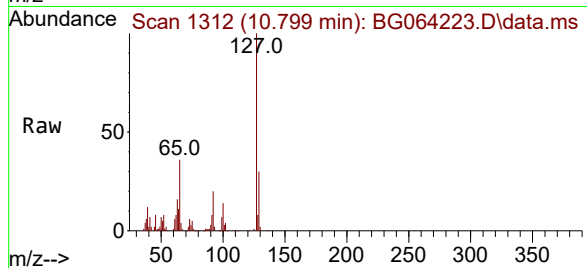
Tgt Ion:122 Resp: 100402  
Ion Ratio Lower Upper  
122 100  
105 117.9 98.5 138.5  
77 98.6 74.6 114.6





#33  
4-Chloroaniline  
Concen: 51.147 ng  
RT: 10.799 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

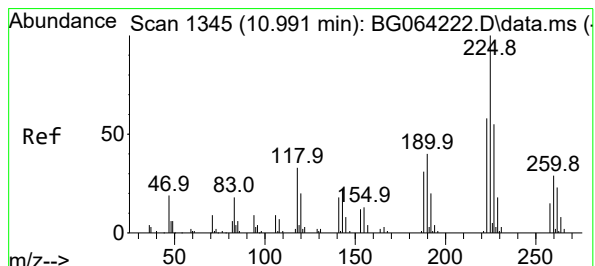
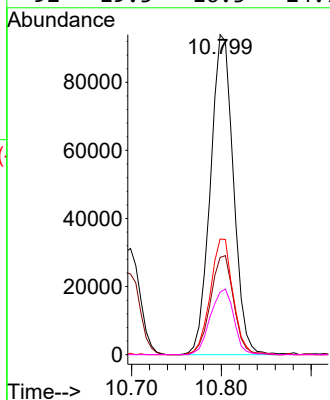
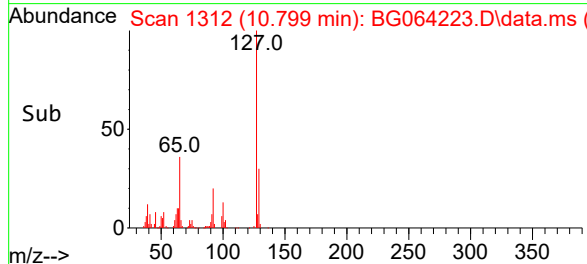
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:127 Resp: 16734  
Ion Ratio Lower Upper  
127 100  
129 30.4 25.0 37.4  
65 36.1 28.7 43.1  
92 19.5 16.5 24.7

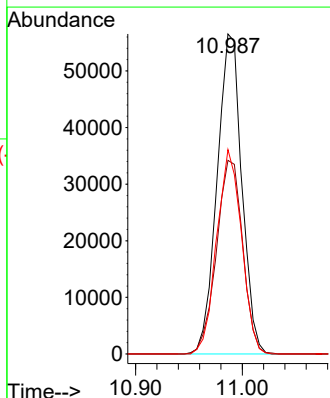
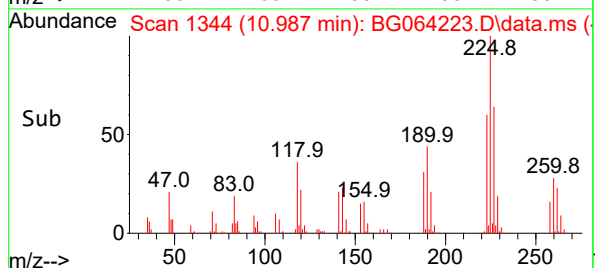
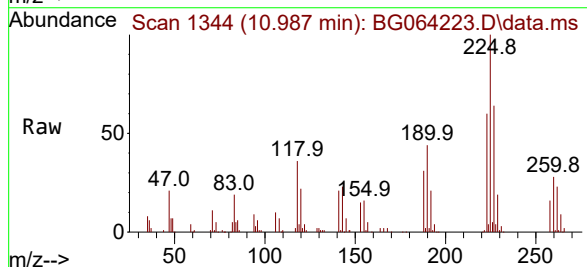
Manual Integrations  
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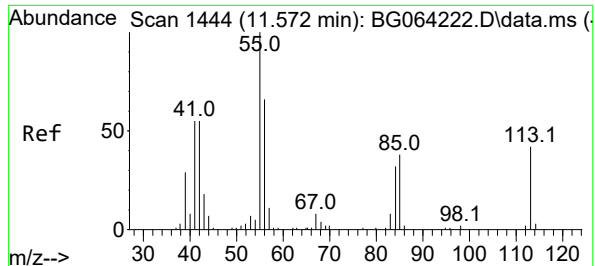
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#34  
Hexachlorobutadiene  
Concen: 47.853 ng  
RT: 10.987 min Scan# 1344  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

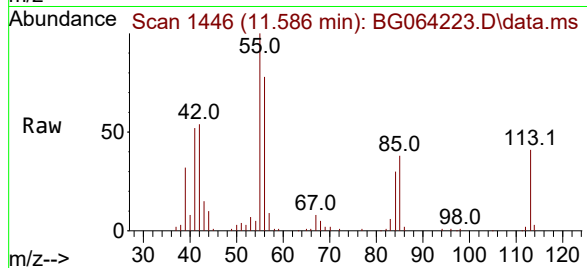
Tgt Ion:225 Resp: 91046  
Ion Ratio Lower Upper  
225 100  
223 64.1 46.5 69.7  
227 63.8 44.1 66.1





#35  
Caprolactam  
Concen: 48.275 ng  
RT: 11.586 min Scan# 1446  
Delta R.T. -0.016 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

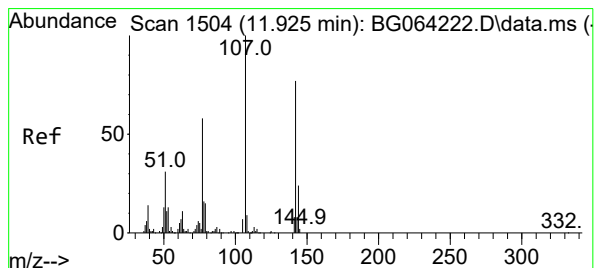
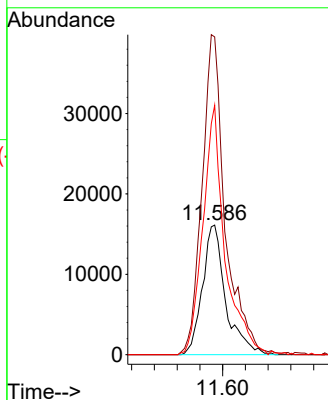
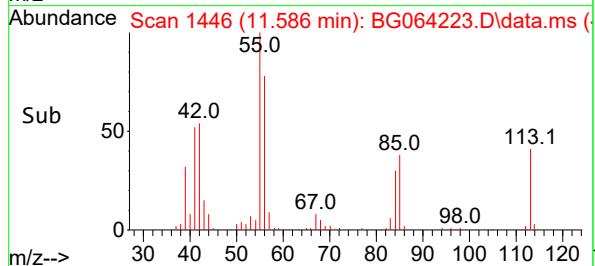
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:113 Resp: 4563  
Ion Ratio Lower Upper  
113 100  
55 245.2 218.5 258.5  
56 192.5 138.5 178.5

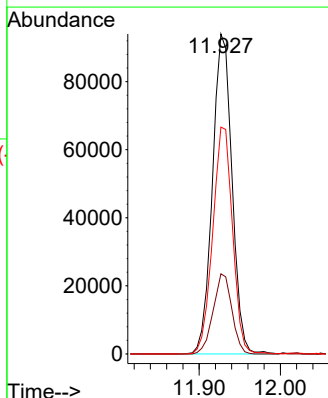
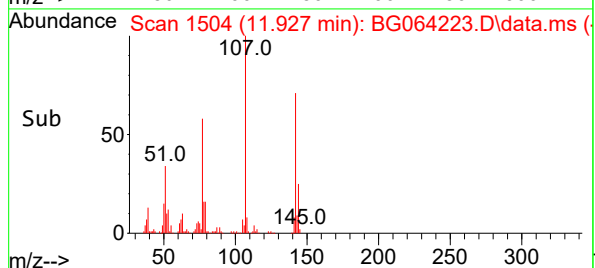
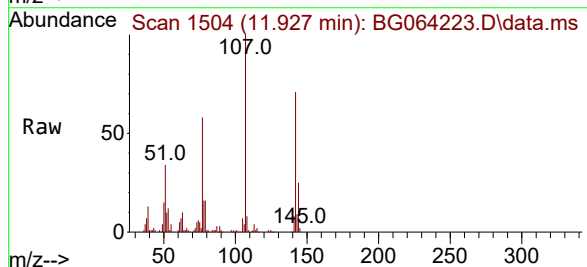
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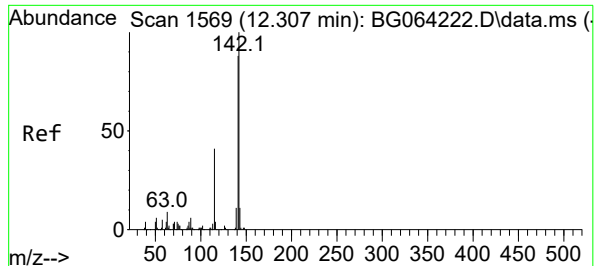
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#36  
4-Chloro-3-methylphenol  
Concen: 49.630 ng  
RT: 11.927 min Scan# 1504  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion:107 Resp: 157192  
Ion Ratio Lower Upper  
107 100  
144 25.0 19.5 29.3  
142 70.9 62.0 93.0





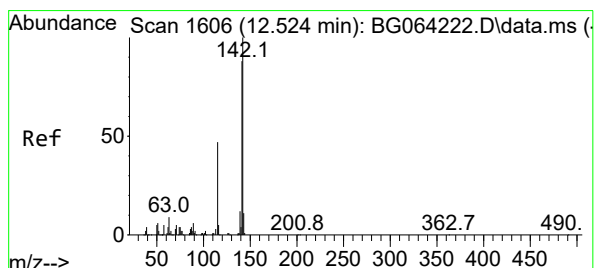
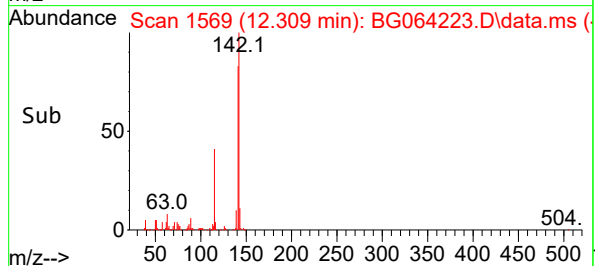
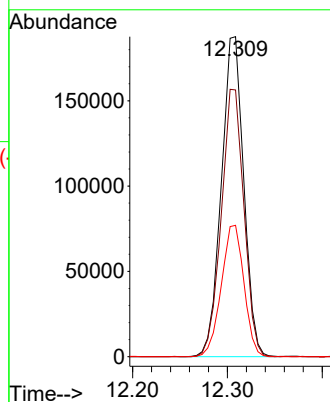
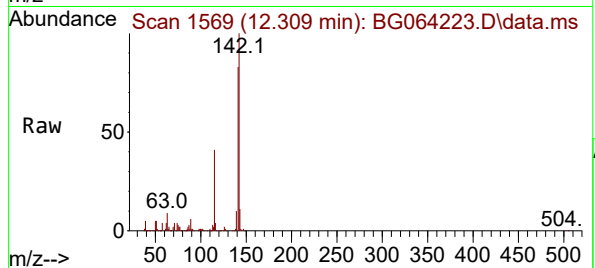
#37  
2-Methylnaphthalene  
Concen: 49.089 ng  
RT: 12.309 min Scan# 1569  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:142 Resp: 308014  
Ion Ratio Lower Upper  
142 100  
141 83.4 70.1 105.1  
115 41.0 33.1 49.7

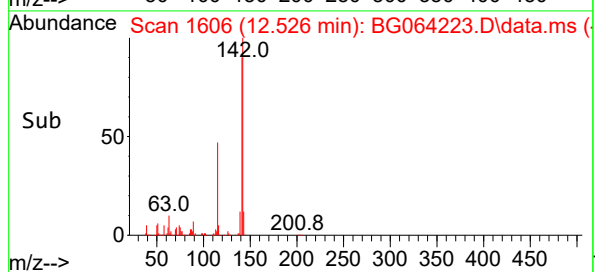
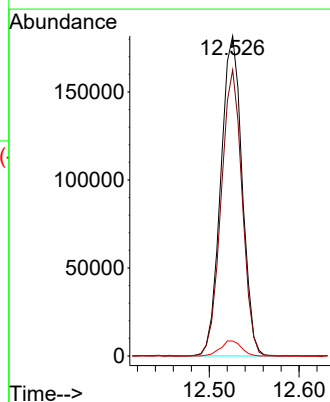
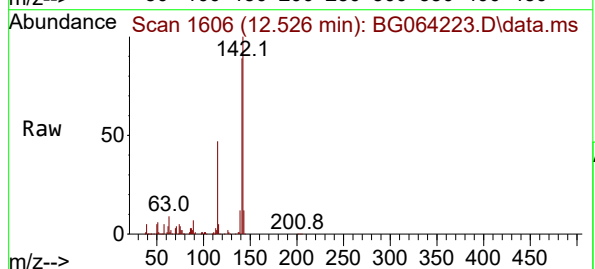
Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

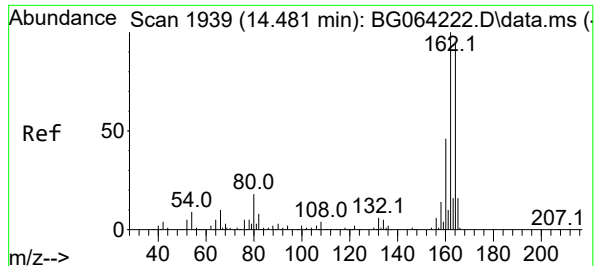


#38  
1-Methylnaphthalene  
Concen: 48.315 ng  
RT: 12.526 min Scan# 1606  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion:142 Resp: 299438  
Ion Ratio Lower Upper  
142 100  
141 89.4 70.3 105.5  
116 4.6 3.7 5.5







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064223.D

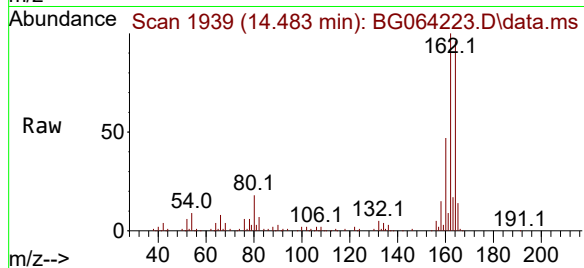
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 113459

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.0

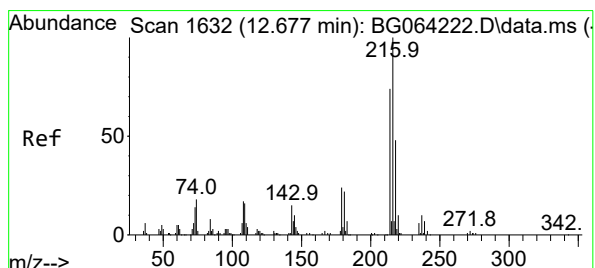
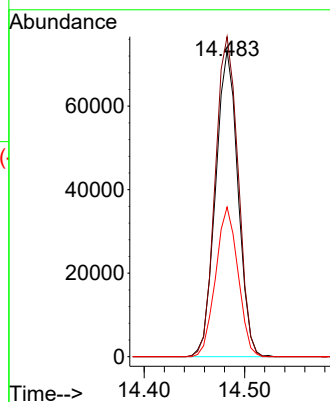
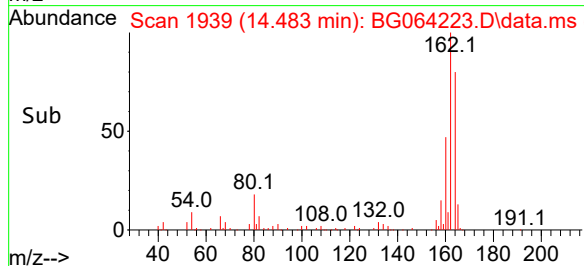
160 48.9 39.2 58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.386 ng

RT: 12.673 min Scan# 1631

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Tgt Ion:216 Resp: 164947

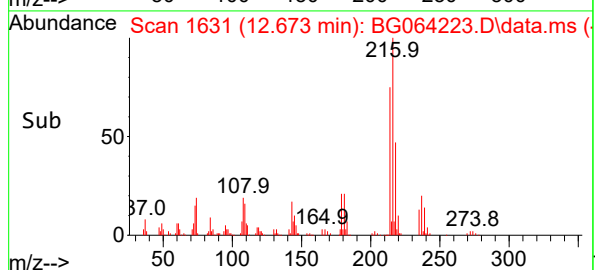
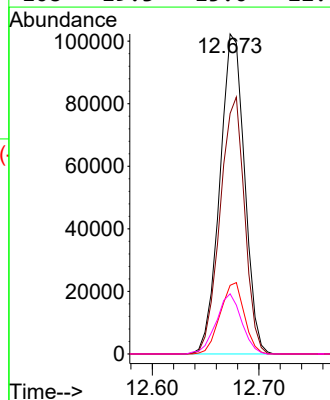
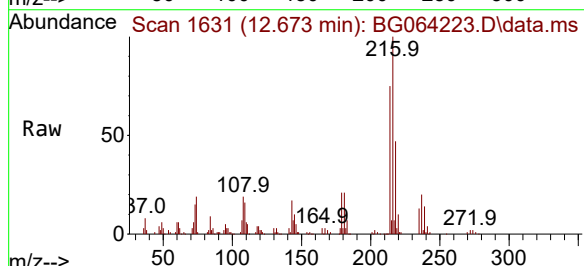
Ion Ratio Lower Upper

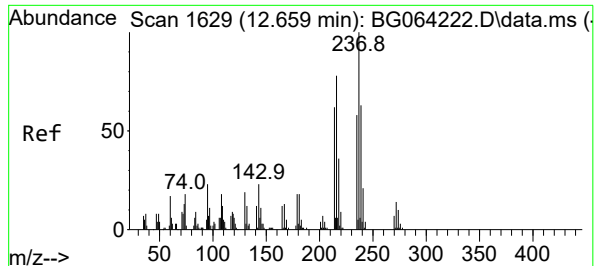
216 100

214 79.2 61.9 92.9

179 21.8 17.9 26.9

108 19.3 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 52.851 ng

RT: 12.655 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

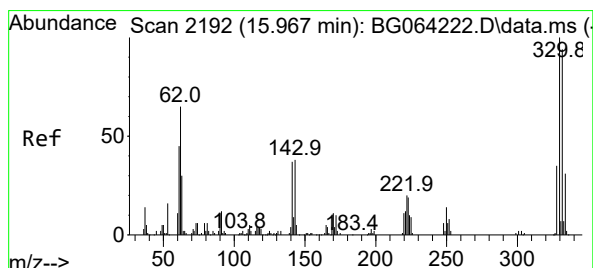
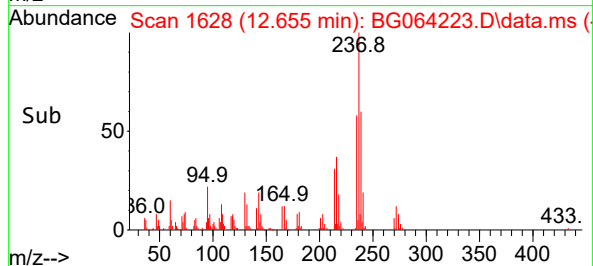
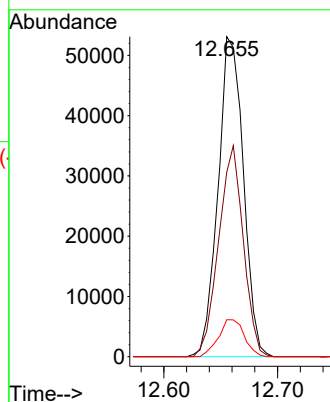
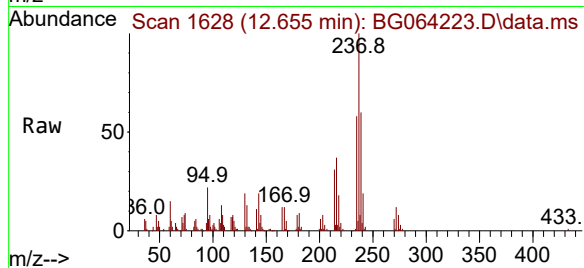
SSTDICC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 82228 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 57.7  | 37.9  | 77.9  |
| 272       | 11.5  | 0.0   | 33.8  |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#42

2,4,6-Tribromophenol

Concen: 98.538 ng

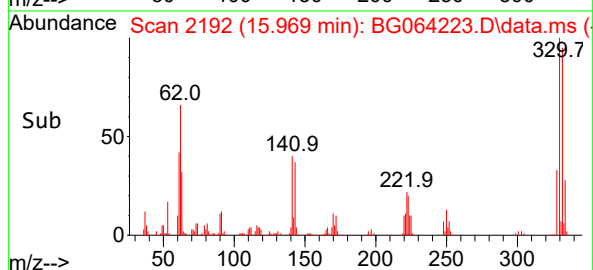
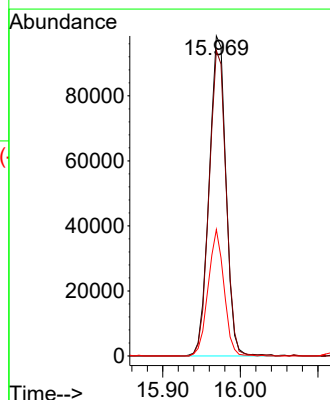
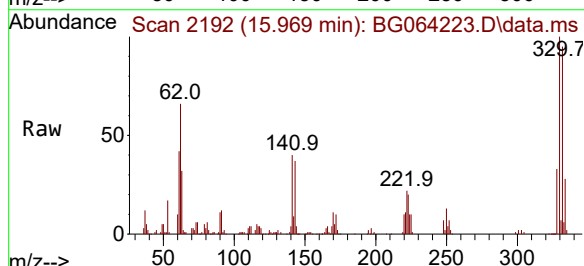
RT: 15.969 min Scan# 2192

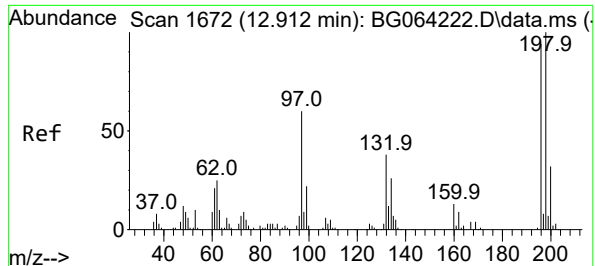
Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 148084 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.4  | 77.6  | 116.4  |
| 141       | 37.2  | 29.8  | 44.6   |





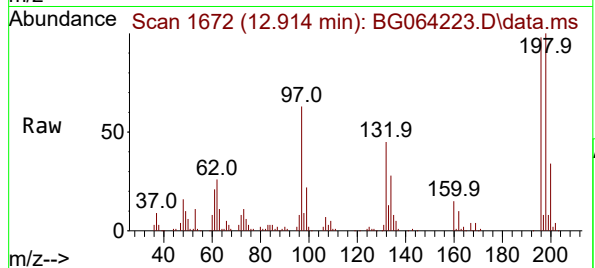
#43  
2,4,6-Trichlorophenol  
Concen: 49.743 ng  
RT: 12.914 min Scan# 1672  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

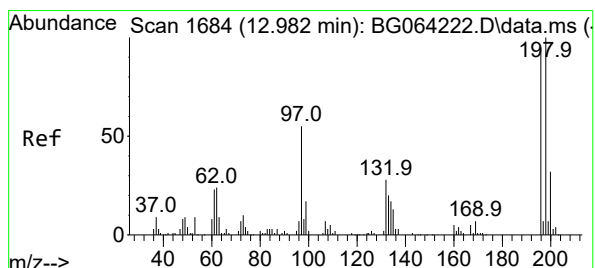
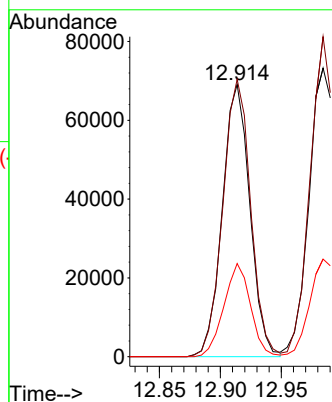
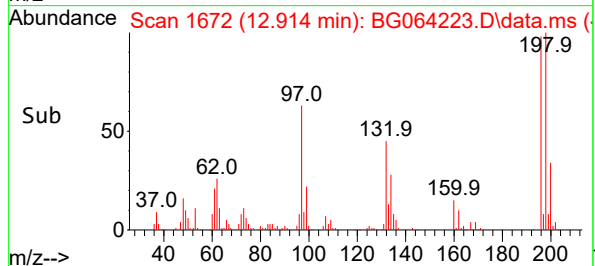


Tgt Ion:196 Resp: 10884  
Ion Ratio Lower Upper  
196 100  
198 101.9 85.4 128.2  
200 34.2 27.3 40.9

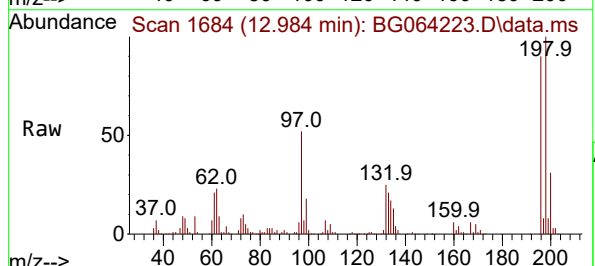
Manual Integrations

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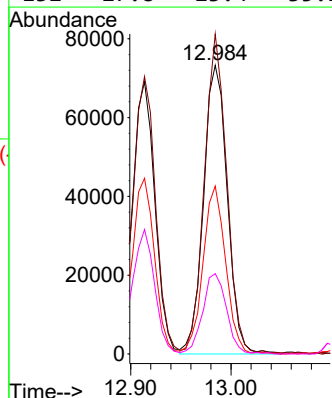
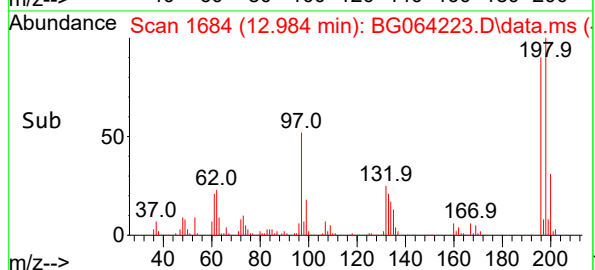
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

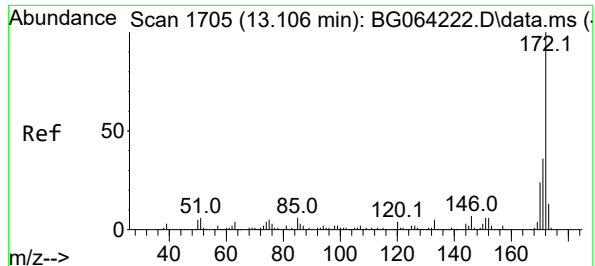


#44  
2,4,5-Trichlorophenol  
Concen: 50.879 ng  
RT: 12.984 min Scan# 1684  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55



Tgt Ion:196 Resp: 120763  
Ion Ratio Lower Upper  
196 100  
198 110.9 84.5 126.7  
97 58.2 46.8 70.2  
132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 98.334 ng

RT: 13.108 min Scan# 1705

Delta R.T. -0.004 min

Lab File: BG064223.D

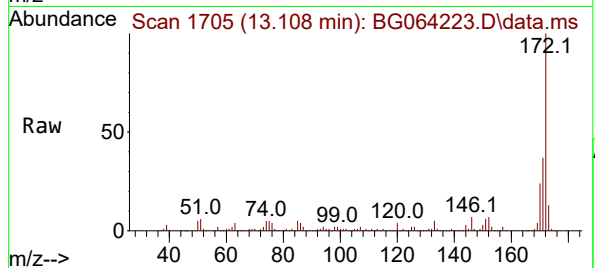
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion:172 Resp: 730952

Ion Ratio Lower Upper

172 100

171 36.7 28.7 43.1

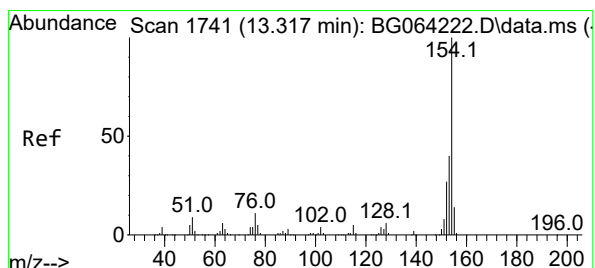
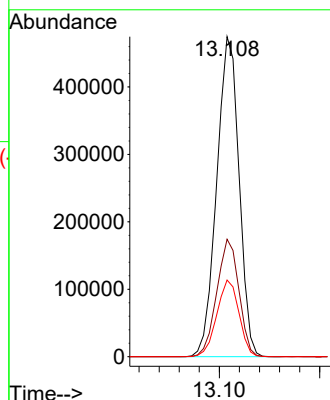
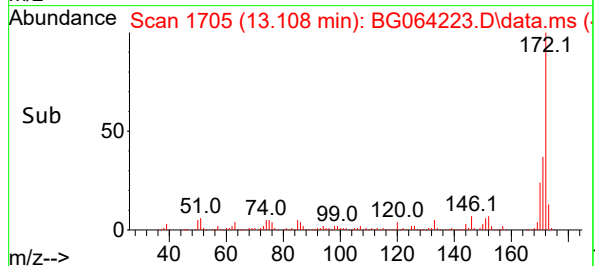
170 24.0 19.0 28.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#46

1,1'-Biphenyl

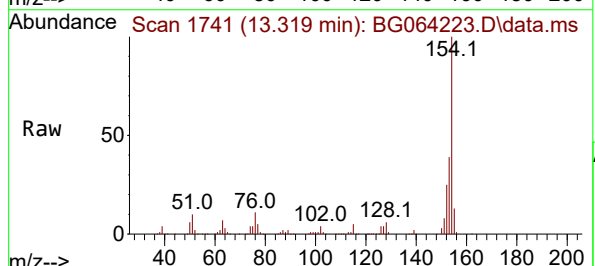
Concen: 49.719 ng

RT: 13.319 min Scan# 1741

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55



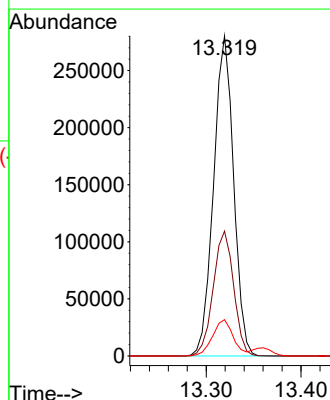
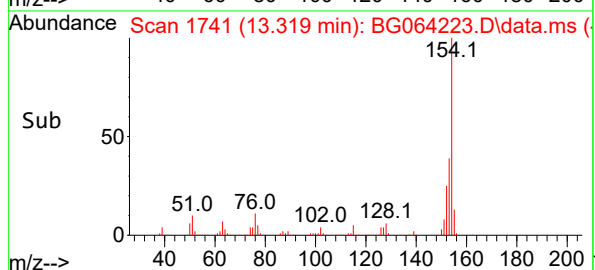
Tgt Ion:154 Resp: 410868

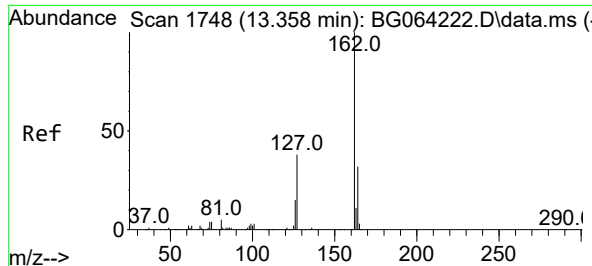
Ion Ratio Lower Upper

154 100

153 39.0 19.9 59.9

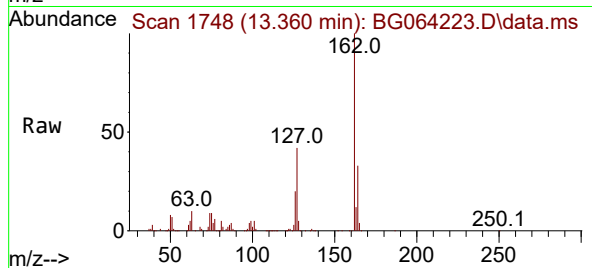
76 11.4 0.0 30.9





#47  
2-Chloronaphthalene  
Concen: 50.039 ng  
RT: 13.360 min Scan# 1748  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

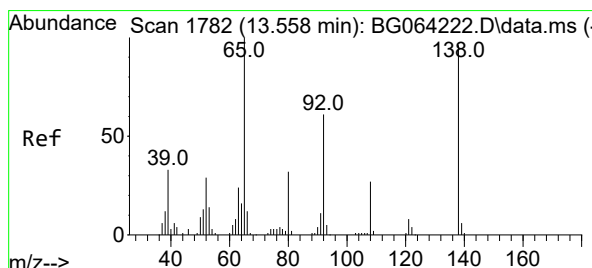
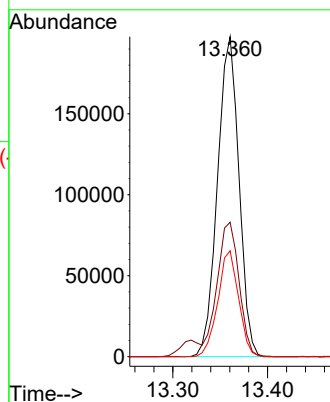
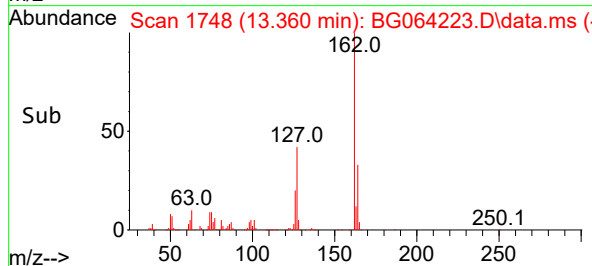
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:162 Resp: 310870  
Ion Ratio Lower Upper  
162 100  
127 42.0 33.9 50.9  
164 33.1 25.4 38.2

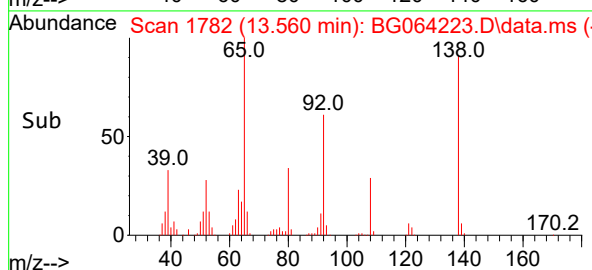
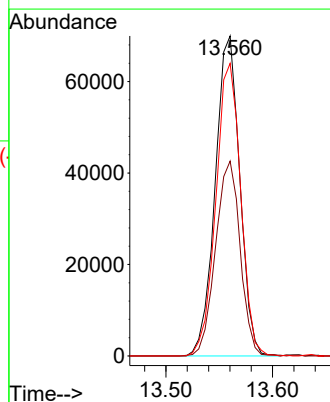
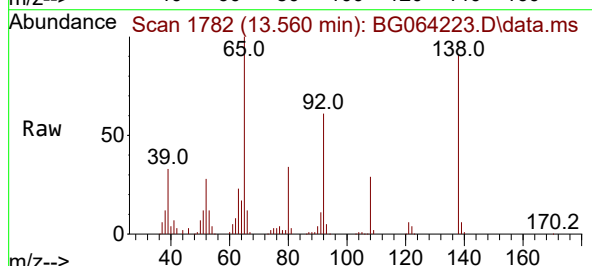
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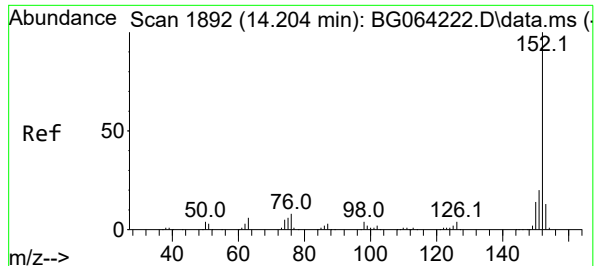
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#48  
2-Nitroaniline  
Concen: 52.795 ng  
RT: 13.560 min Scan# 1782  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion: 65 Resp: 111792  
Ion Ratio Lower Upper  
65 100  
92 60.9 49.2 73.8  
138 91.5 76.8 115.2





#49

Acenaphthylene

Concen: 49.644 ng

RT: 14.206 min Scan# 1892

Delta R.T. 0.002 min

Lab File: BG064223.D

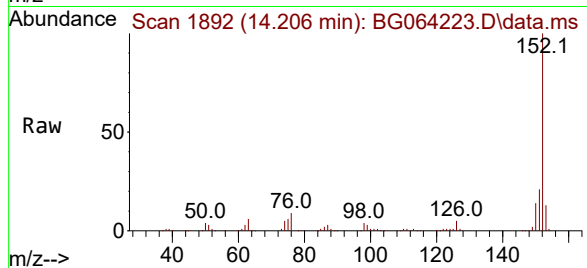
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



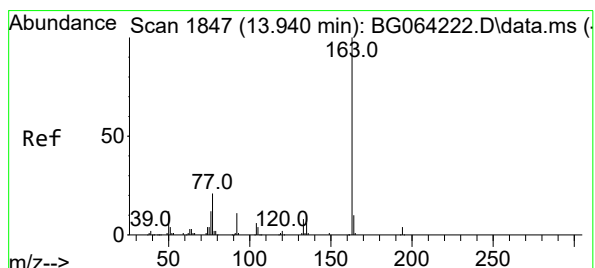
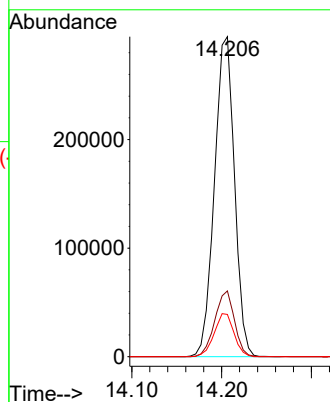
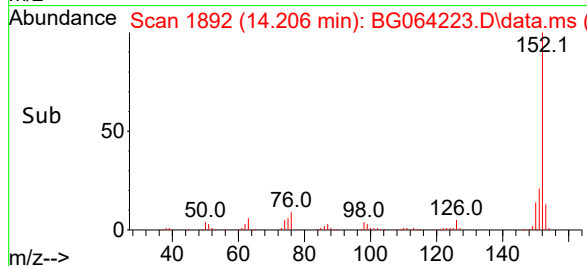
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.2  | 24.2  |
| 153     | 13.2  | 10.1  | 15.1  |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

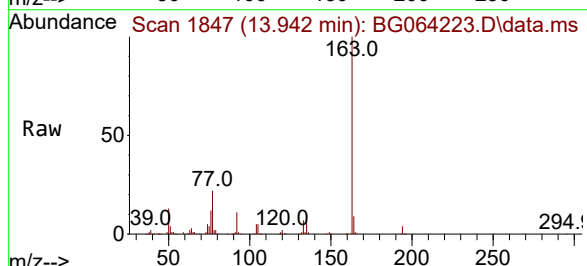
Concen: 48.298 ng

RT: 13.942 min Scan# 1847

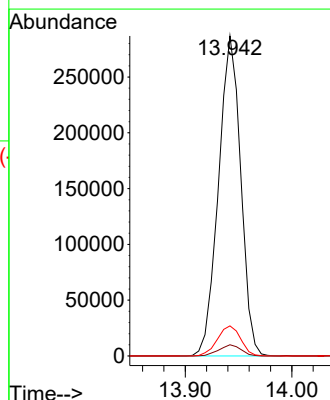
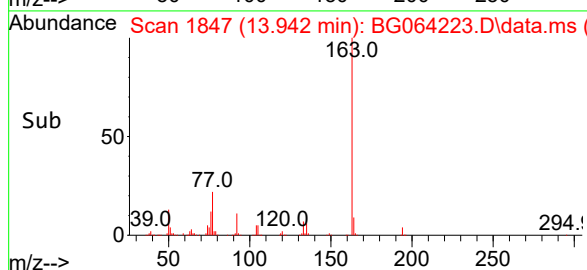
Delta R.T. -0.004 min

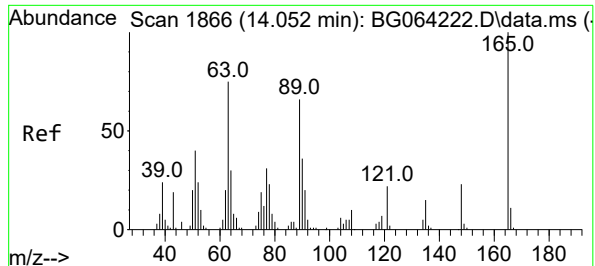
Lab File: BG064223.D

Acq: 28 Aug 2025 14:55



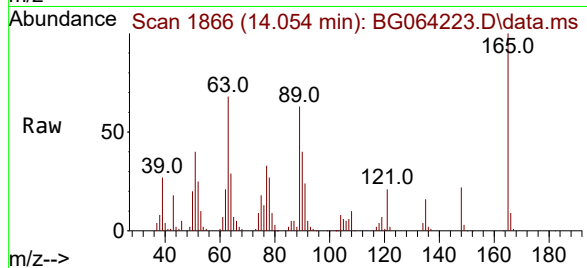
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.5   | 3.0   | 4.4   |
| 164     | 9.4   | 7.9   | 11.9  |





#51  
2,6-Dinitrotoluene  
Concen: 51.244 ng  
RT: 14.054 min Scan# 1866  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

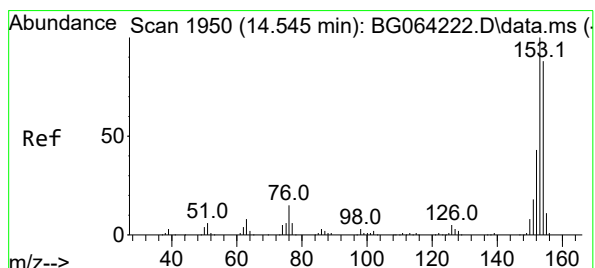
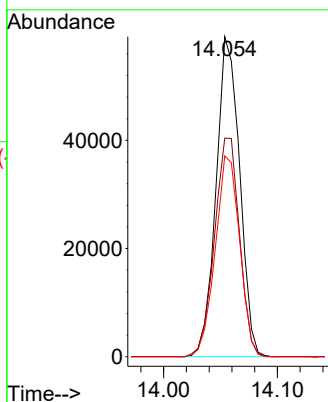
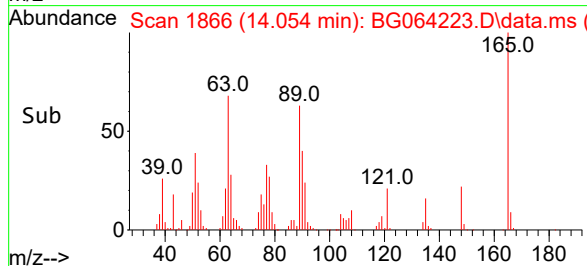
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:165 Resp: 85190  
Ion Ratio Lower Upper  
165 100  
63 68.3 60.3 90.5  
89 62.8 52.9 79.3

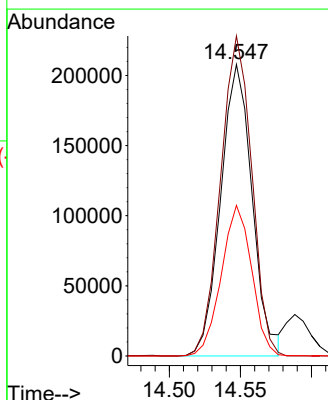
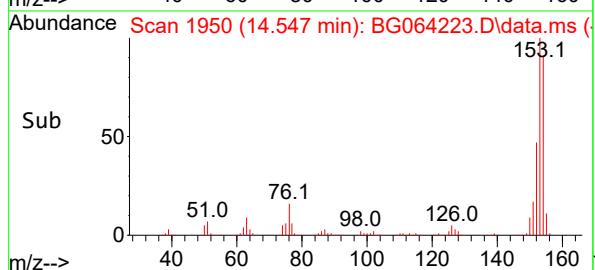
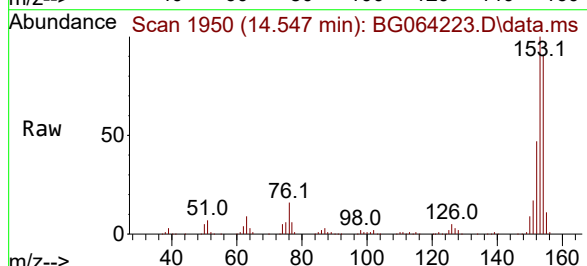
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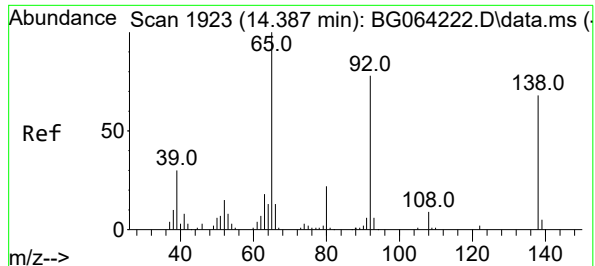
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#52  
Acenaphthene  
Concen: 49.423 ng  
RT: 14.547 min Scan# 1950  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

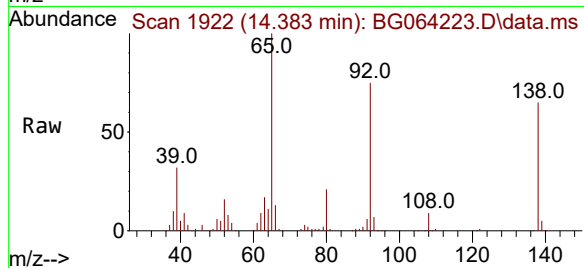
Tgt Ion:154 Resp: 320309  
Ion Ratio Lower Upper  
154 100  
153 109.8 91.1 136.7  
152 51.6 39.6 59.4





#53  
3-Nitroaniline  
Concen: 51.202 ng  
RT: 14.383 min Scan# 1922  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

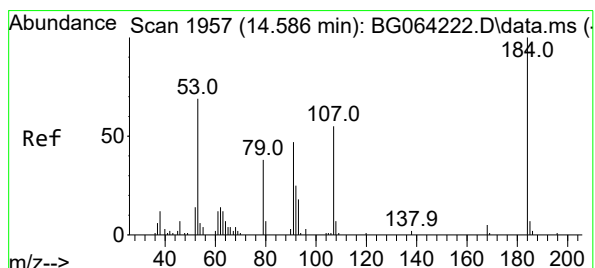
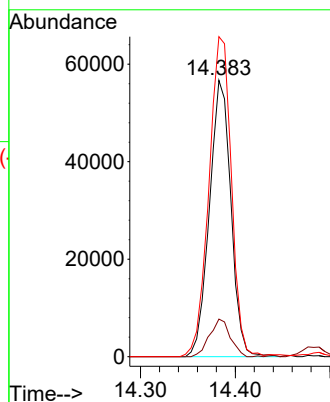
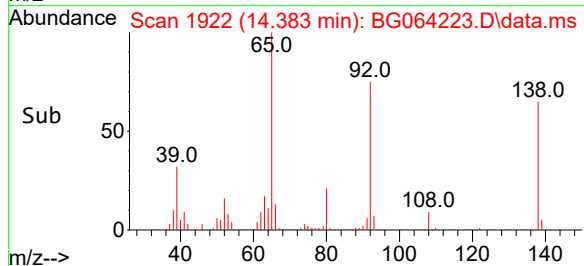
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:138 Resp: 89170  
Ion Ratio Lower Upper  
138 100  
108 13.6 11.0 16.6  
92 115.8 91.4 137.0

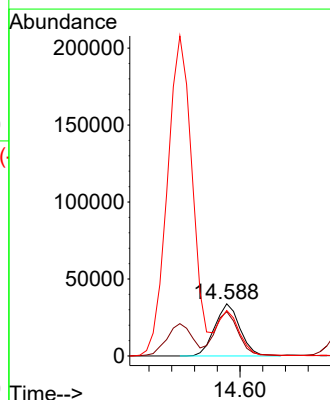
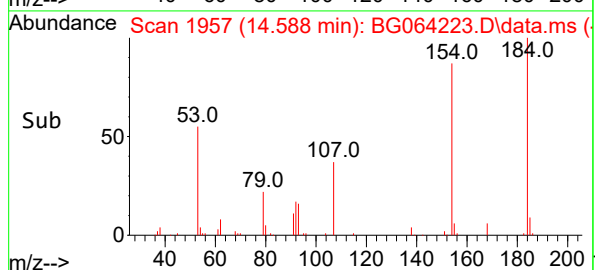
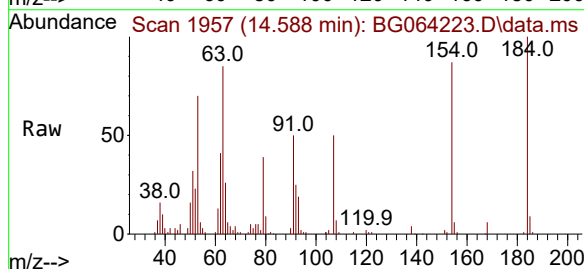
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

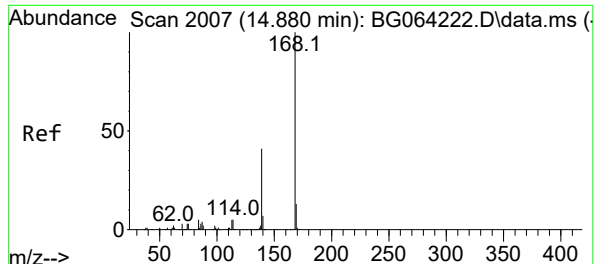


#54  
2,4-Dinitrophenol  
Concen: 50.240 ng  
RT: 14.588 min Scan# 1957  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion:184 Resp: 52115  
Ion Ratio Lower Upper  
184 100  
63 85.0 60.1 90.1  
154 87.1 59.8 89.8







#55

Dibenzenofuran

Concen: 49.018 ng

RT: 14.882 min Scan# 2007

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 499690

Ion Ratio Lower Upper

168 100

139 40.1 33.2 49.8

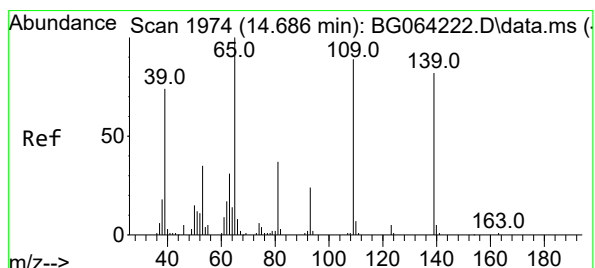
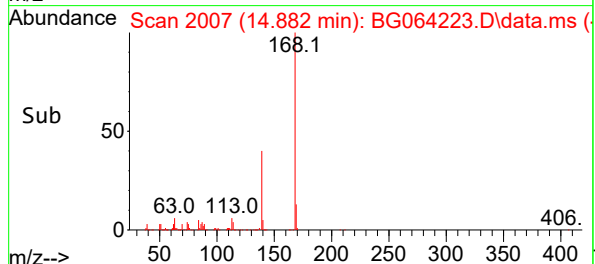
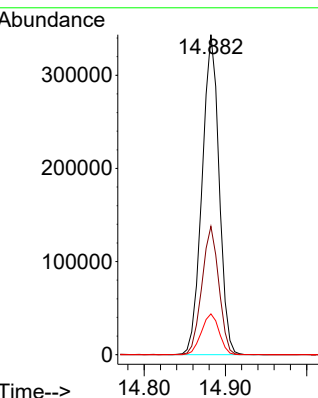
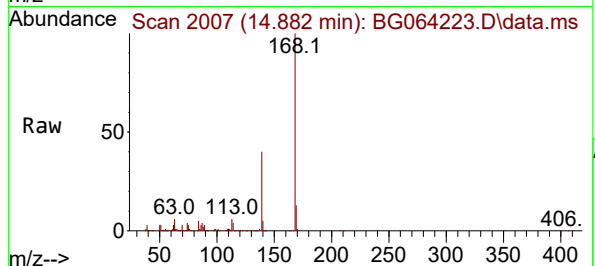
169 12.7 10.4 15.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#56

4-Nitrophenol

Concen: 51.188 ng

RT: 14.694 min Scan# 1975

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

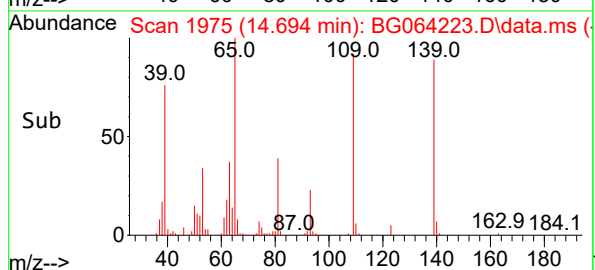
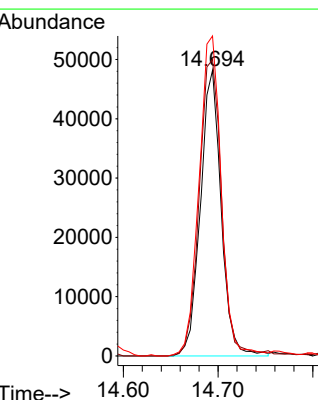
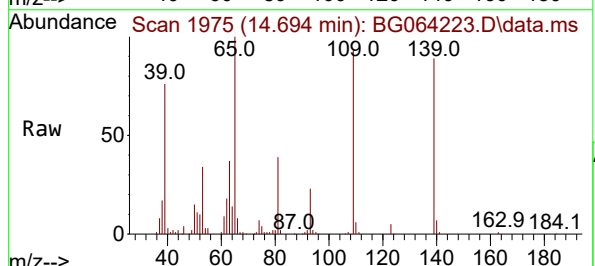
Tgt Ion:139 Resp: 73126

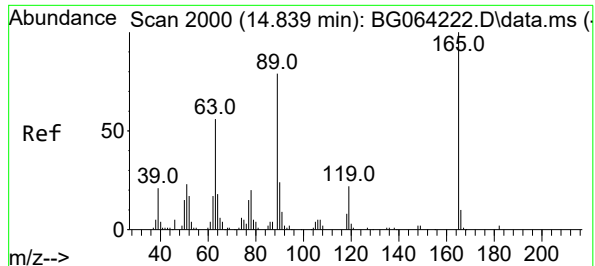
Ion Ratio Lower Upper

139 100

109 103.8 89.1 129.1

65 112.1 102.9 142.9





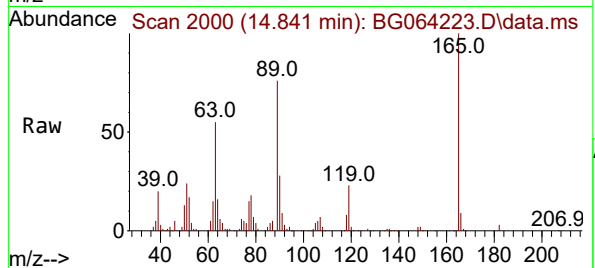
#57  
2,4-Dinitrotoluene  
Concen: 50.791 ng  
RT: 14.841 min Scan# 2000  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

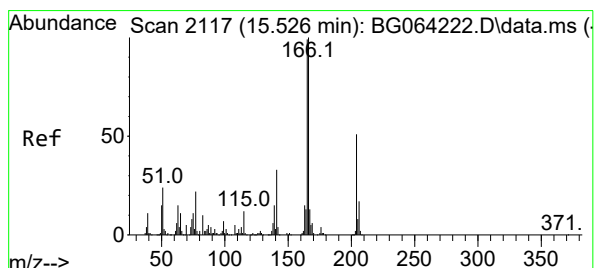
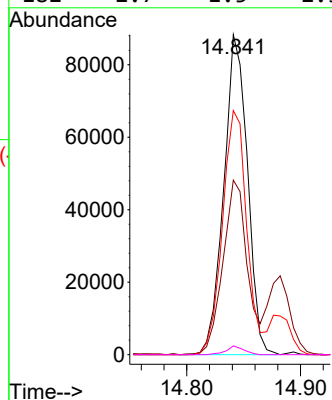
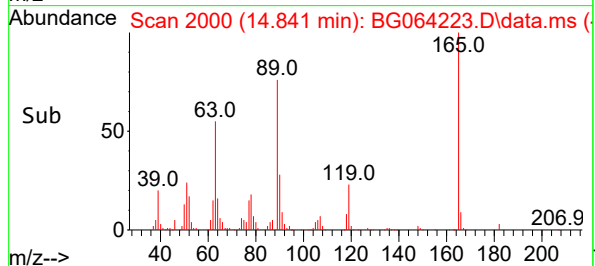


Tgt Ion:165 Resp: 127679  
Ion Ratio Lower Upper  
165 100  
63 54.5 44.6 67.0  
89 76.3 63.0 94.4  
182 2.7 1.5 2.3#

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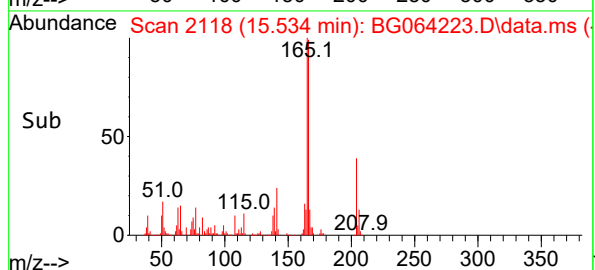
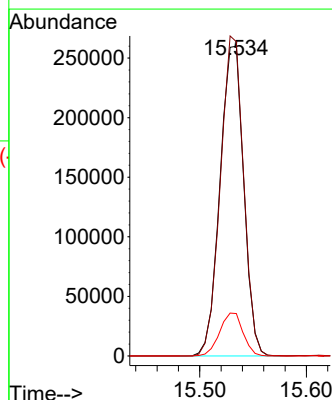
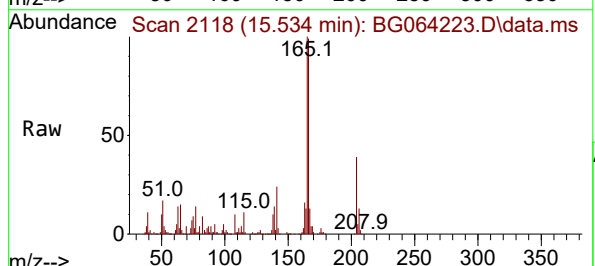
APPROVED

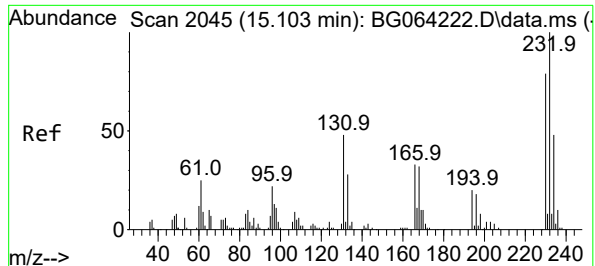
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#58  
Fluorene  
Concen: 48.071 ng  
RT: 15.534 min Scan# 2118  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

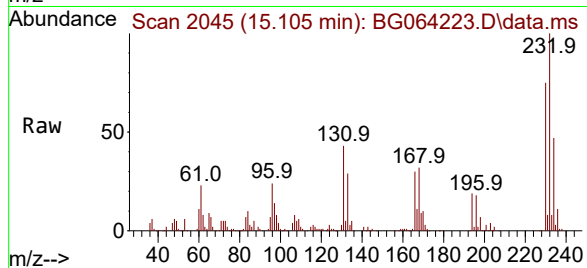
Tgt Ion:166 Resp: 401649  
Ion Ratio Lower Upper  
166 100  
165 101.4 79.1 118.7  
167 13.7 10.2 15.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.324 ng  
RT: 15.105 min Scan# 2045  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

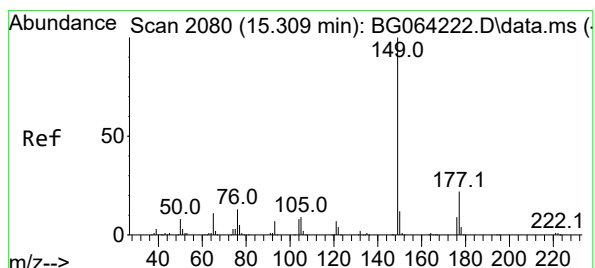
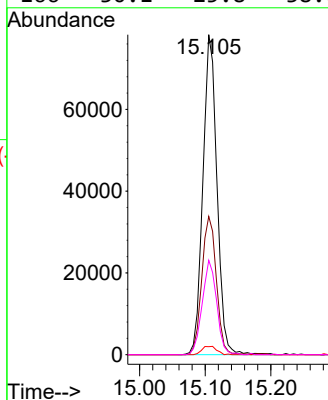
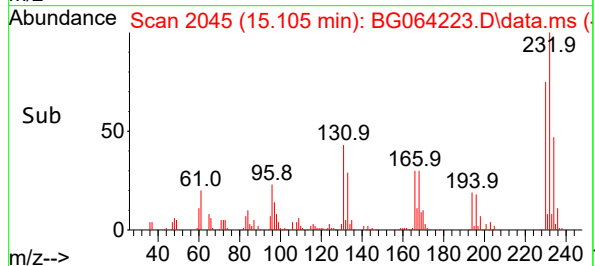
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



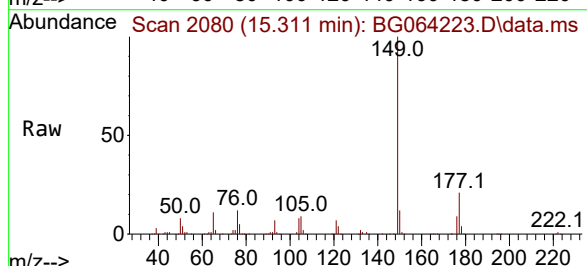
Tgt Ion:232 Resp: 11716  
Ion Ratio Lower Upper  
232 100  
131 44.5 37.1 55.7  
130 2.8 2.6 3.8  
166 30.1 25.8 38.6

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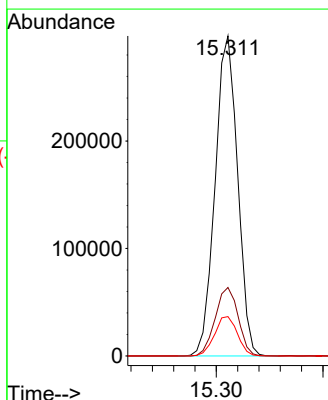
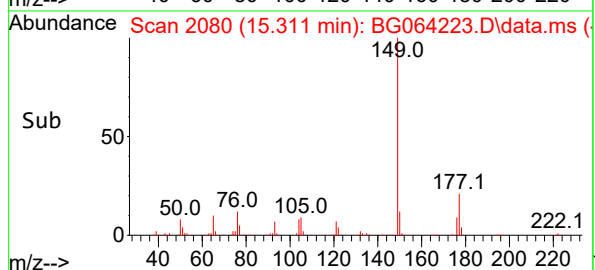
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

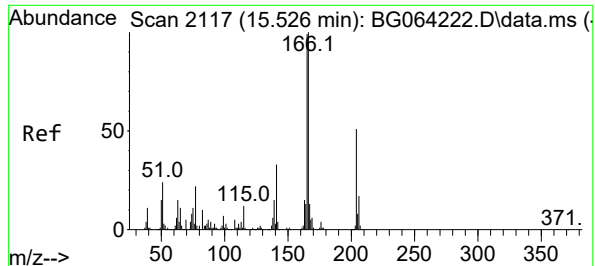


#60  
Diethylphthalate  
Concen: 47.393 ng  
RT: 15.311 min Scan# 2080  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55



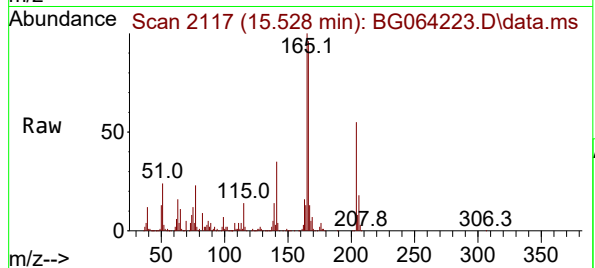
Tgt Ion:149 Resp: 435581  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.5 26.3  
150 12.3 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 49.008 ng  
RT: 15.528 min Scan# 2117  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

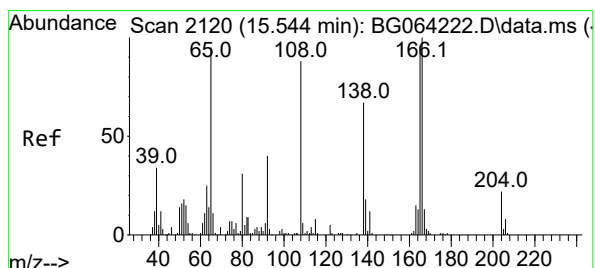
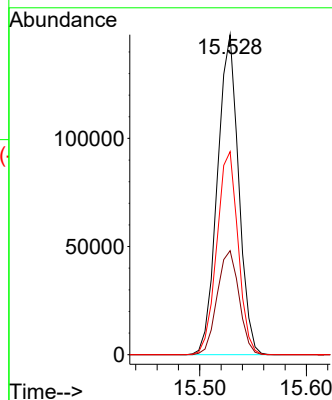
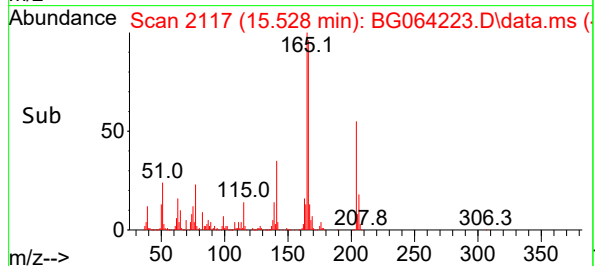
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:204 Resp: 204160  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.2 39.4  
141 63.4 51.9 77.9

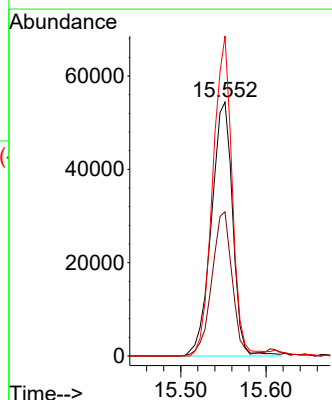
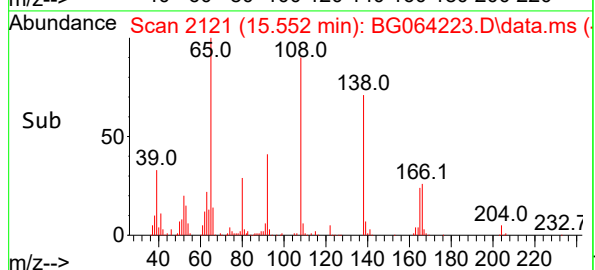
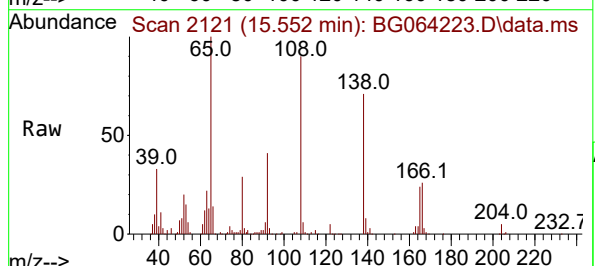
Manual Integrations  
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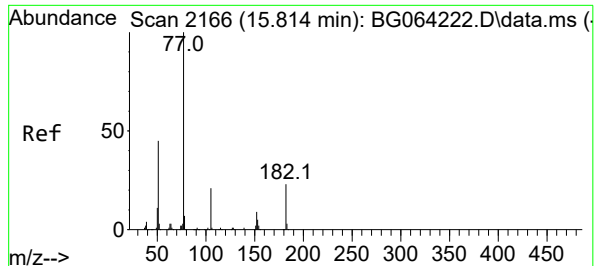
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#62  
4-Nitroaniline  
Concen: 53.002 ng  
RT: 15.552 min Scan# 2121  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

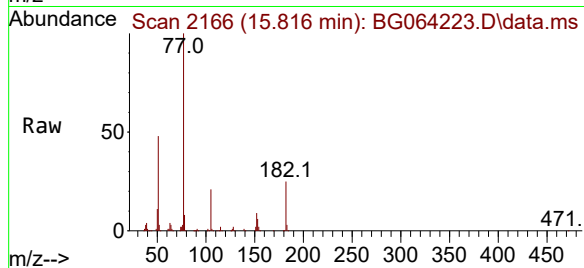
Tgt Ion:138 Resp: 94189  
Ion Ratio Lower Upper  
138 100  
92 56.8 39.1 79.1  
108 126.1 111.3 151.3





#63  
Azobenzene  
Concen: 48.736 ng  
RT: 15.816 min Scan# 2166  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

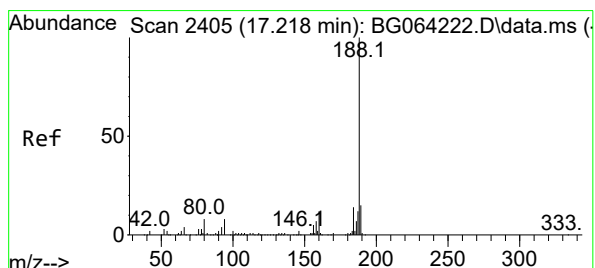
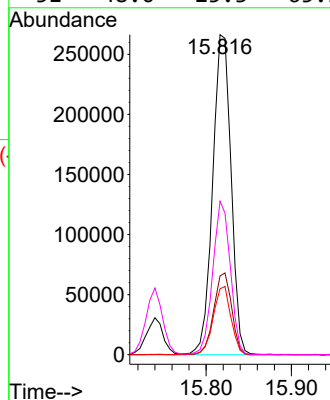
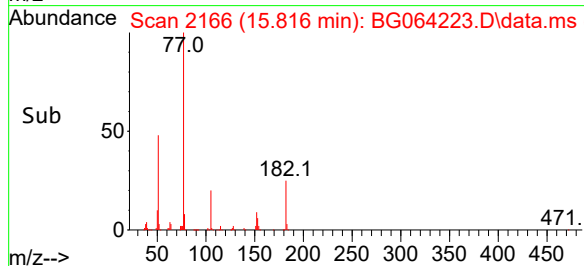
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



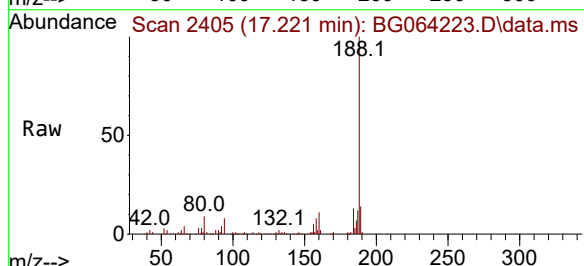
Tgt Ion: 77 Resp: 39923  
Ion Ratio Lower Upper  
77 100  
182 24.6 3.3 43.3  
105 20.6 0.6 40.6  
51 48.0 25.3 65.3

Manual Integrations  
APPROVED

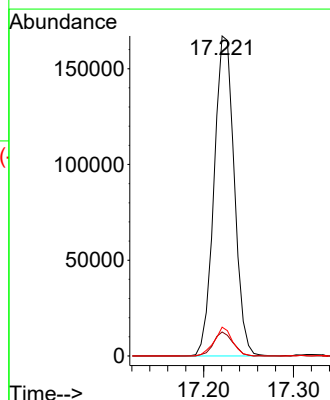
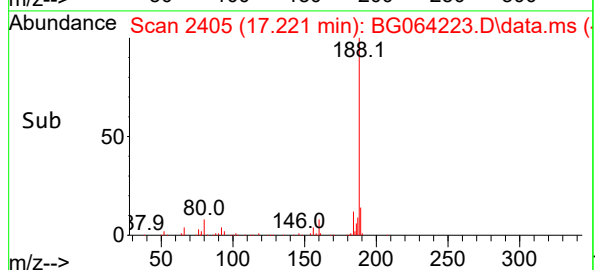
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

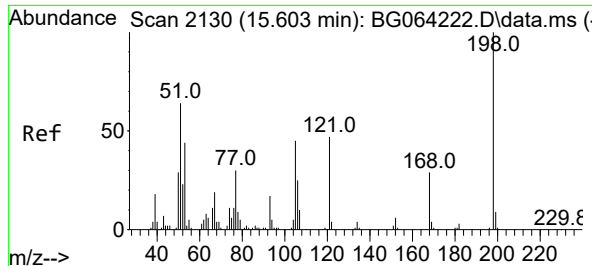


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2405  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55



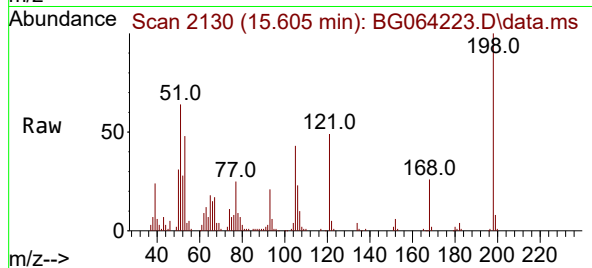
Tgt Ion:188 Resp: 260584  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.2 9.4  
80 9.0 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.566 ng  
RT: 15.605 min Scan# 2130  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

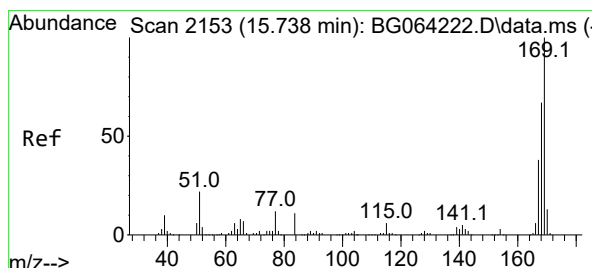
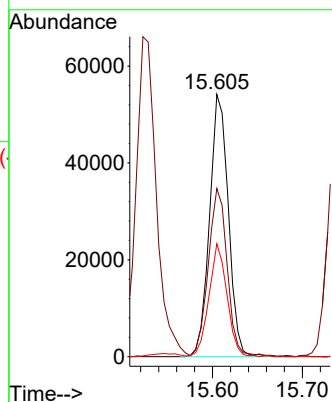
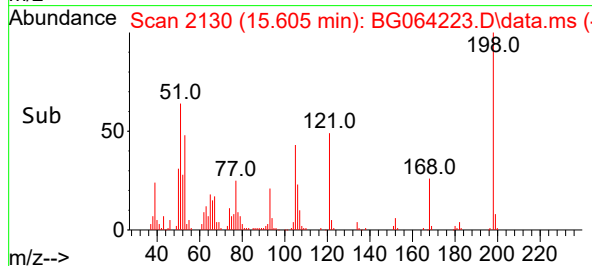
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:198 Resp: 78644  
Ion Ratio Lower Upper  
198 100  
51 64.1 46.2 86.2  
105 43.1 25.0 65.0

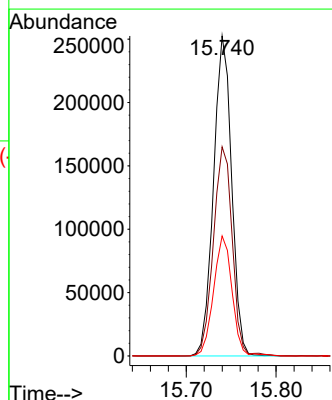
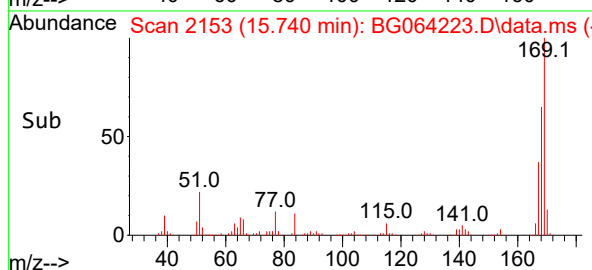
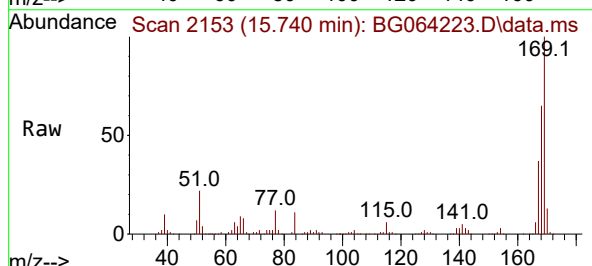
Manual Integrations  
APPROVED

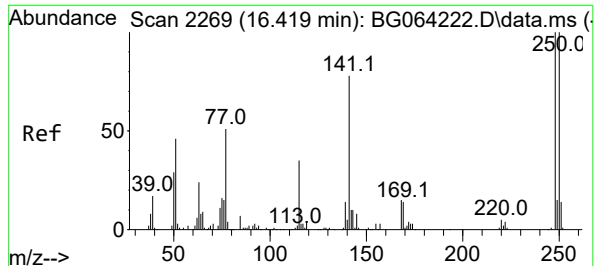
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#66  
n-Nitrosodiphenylamine  
Concen: 49.284 ng  
RT: 15.740 min Scan# 2153  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion:169 Resp: 353288  
Ion Ratio Lower Upper  
169 100  
168 65.3 53.8 80.8  
167 37.5 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 49.804 ng

RT: 16.416 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:248 Resp: 13784

Ion Ratio Lower Upper

248 100

250 93.6 80.2 120.4

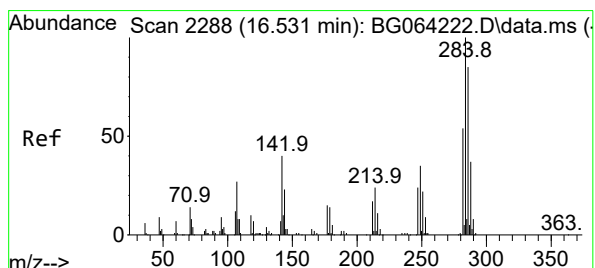
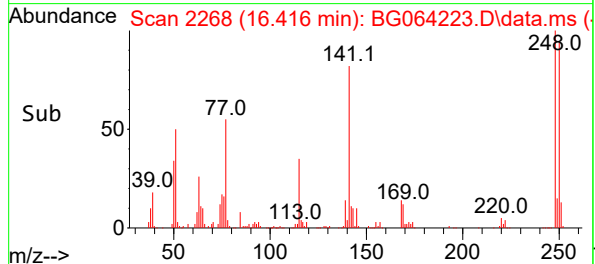
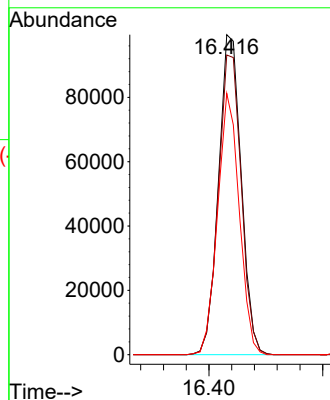
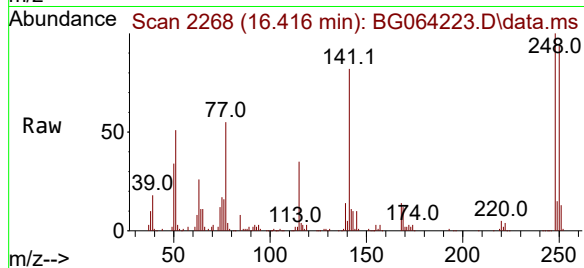
141 81.7 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#68

Hexachlorobenzene

Concen: 49.006 ng

RT: 16.533 min Scan# 2288

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

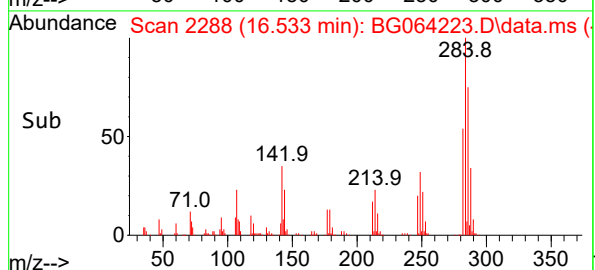
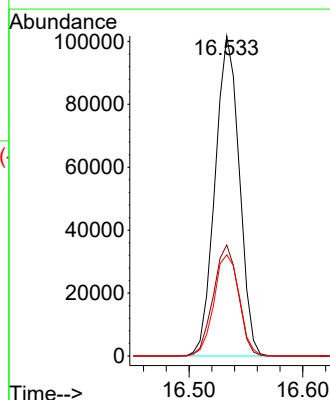
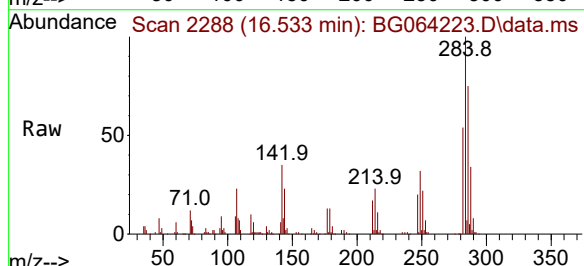
Tgt Ion:284 Resp: 150620

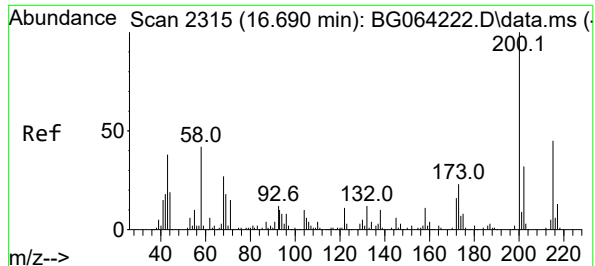
Ion Ratio Lower Upper

284 100

142 34.7 32.1 48.1

249 31.6 28.3 42.5





#69

Atrazine

Concen: 48.714 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 145808

Ion Ratio Lower Upper

200 100

173 25.6 3.5 43.5

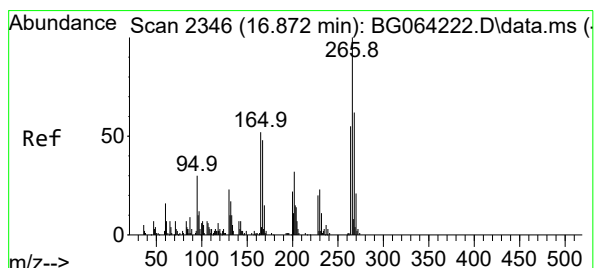
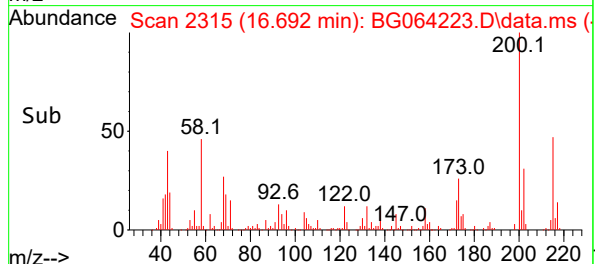
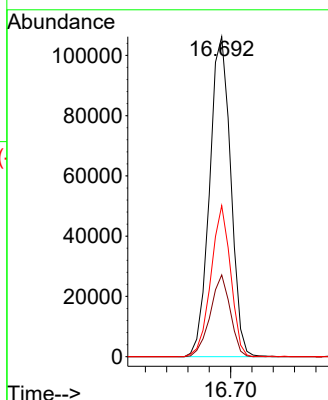
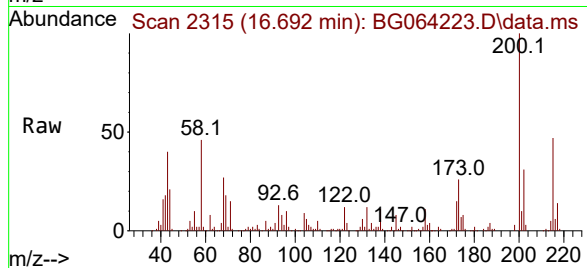
215 47.2 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 51.699 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

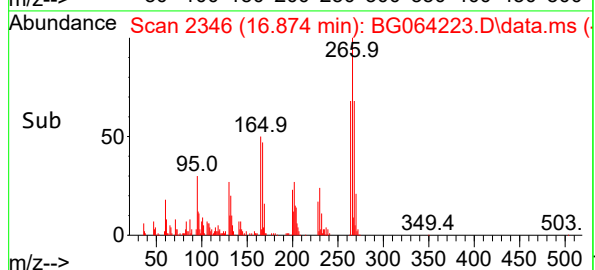
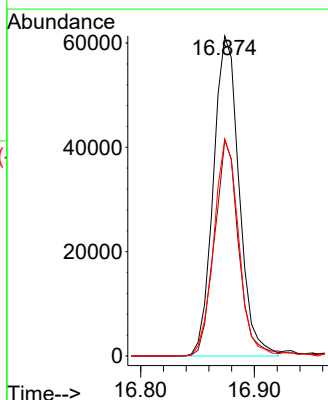
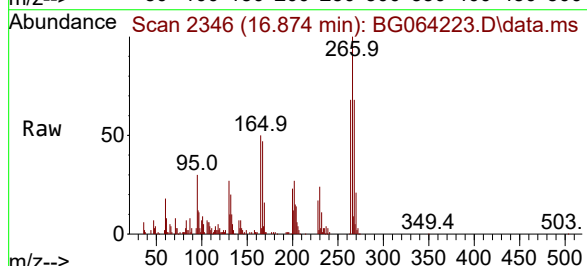
Tgt Ion:266 Resp: 96347

Ion Ratio Lower Upper

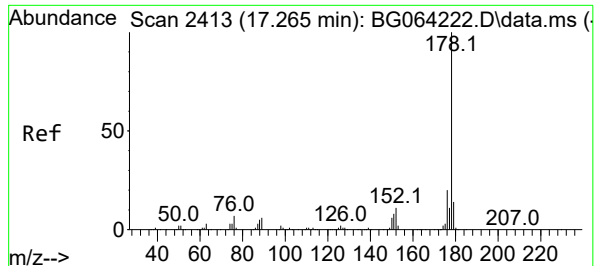
266 100

268 67.5 49.4 74.0

264 67.8 44.3 66.5#

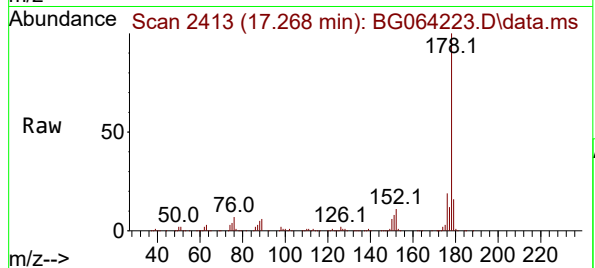






#71  
Phenanthrene  
Concen: 48.343 ng  
RT: 17.268 min Scan# 2413  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

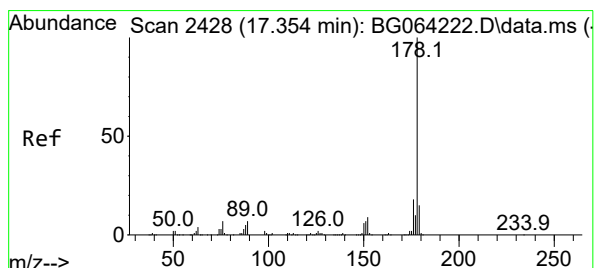
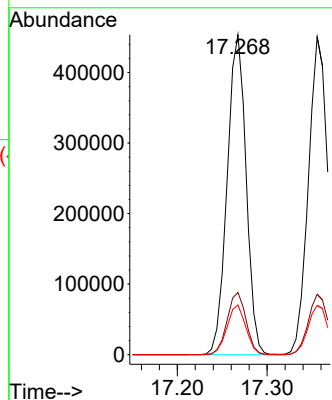
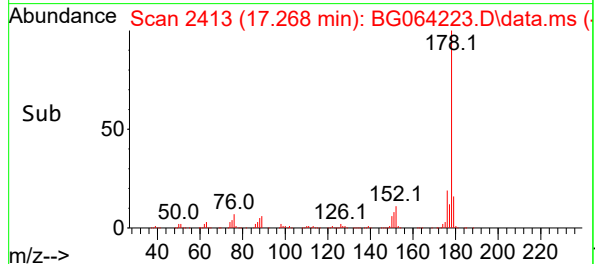
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:178 Resp: 664429  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.9 23.9  
179 15.5 11.4 17.2

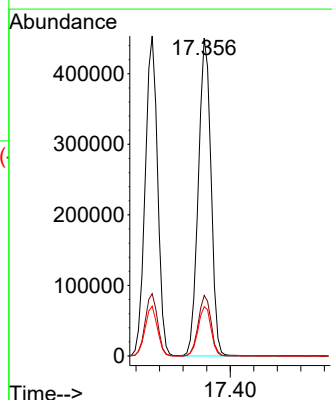
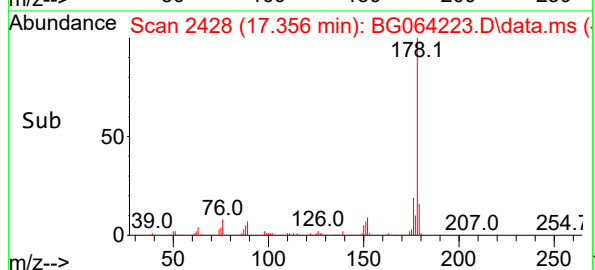
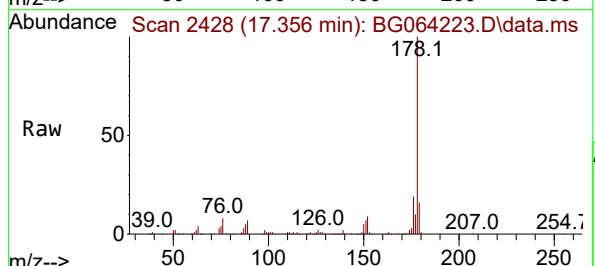
Manual Integrations  
APPROVED

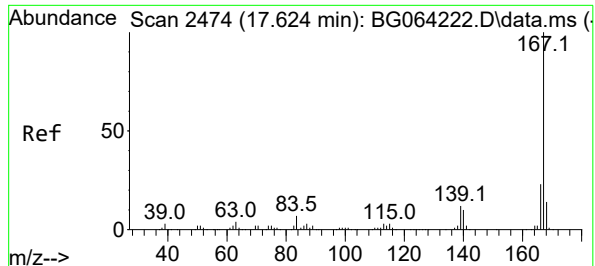
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#72  
Anthracene  
Concen: 48.144 ng  
RT: 17.356 min Scan# 2428  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

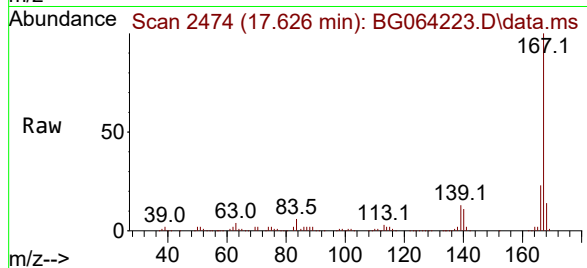
Tgt Ion:178 Resp: 673083  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.7 22.1  
179 15.5 12.1 18.1





#73  
Carbazole  
Concen: 48.528 ng  
RT: 17.626 min Scan# 2474  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

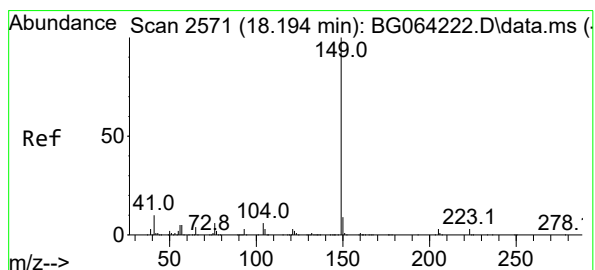
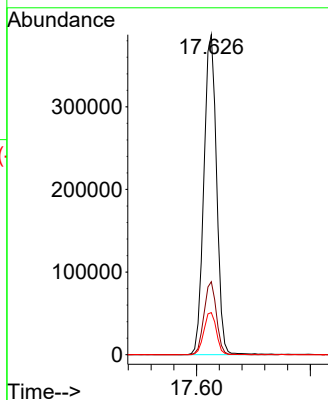
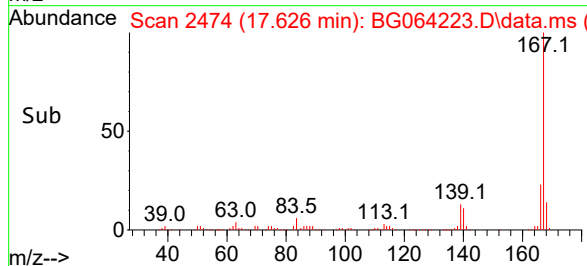
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



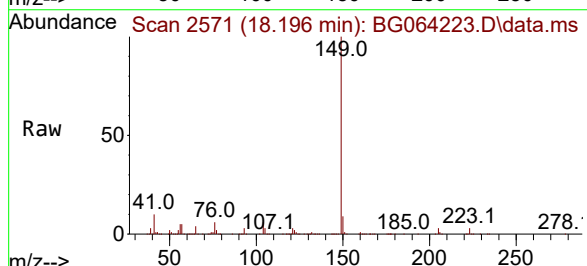
Tgt Ion:167 Resp: 59767  
Ion Ratio Lower Upper  
167 100  
166 22.8 18.2 27.2  
139 13.2 9.8 14.6

Manual Integrations  
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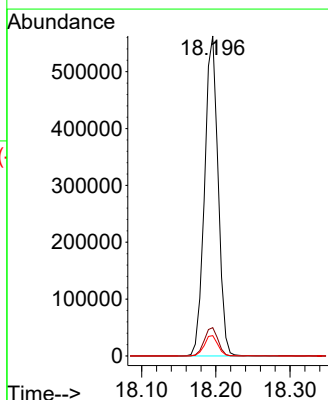
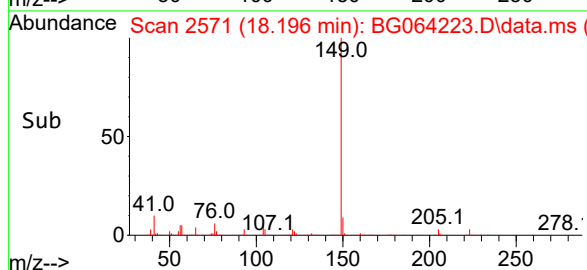
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

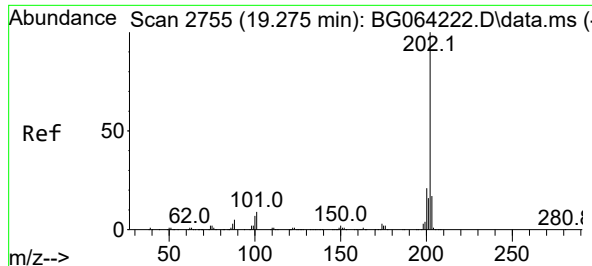


#74  
Di-n-butylphthalate  
Concen: 48.243 ng  
RT: 18.196 min Scan# 2571  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55



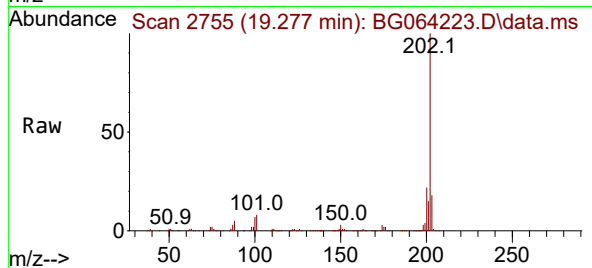
Tgt Ion:149 Resp: 713842  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.5 11.3  
104 6.4 4.6 7.0





#75  
Fluoranthene  
Concen: 47.477 ng  
RT: 19.277 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

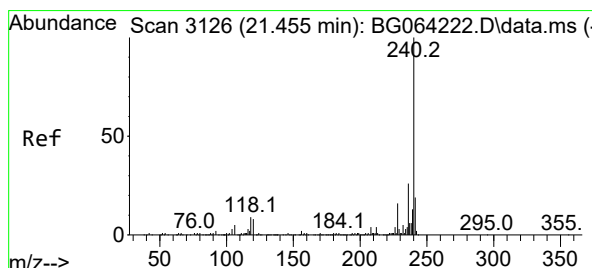
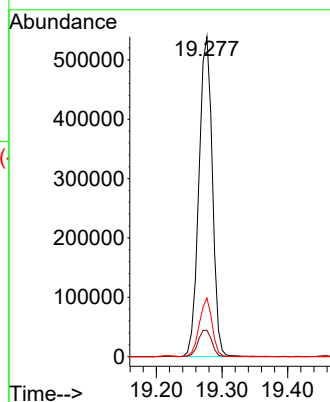
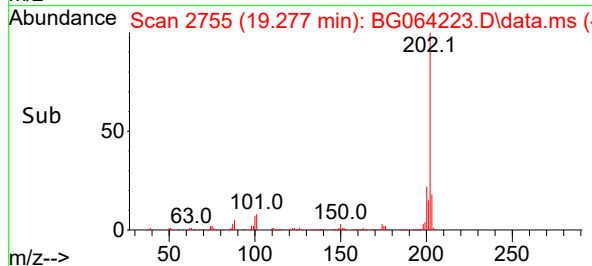
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:202 Resp: 767254  
Ion Ratio Lower Upper  
202 100  
101 8.3 0.0 28.7  
203 18.4 0.0 36.9

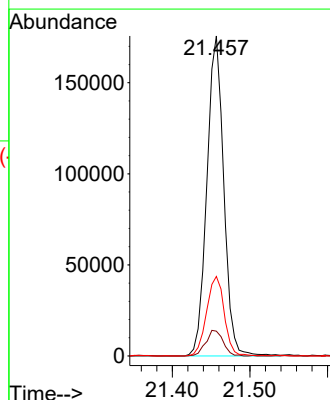
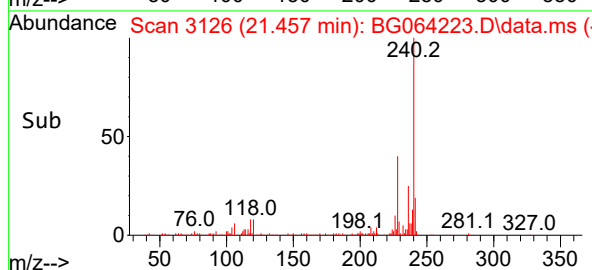
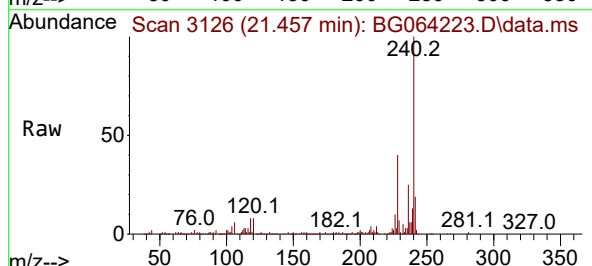
Manual Integrations  
APPROVED

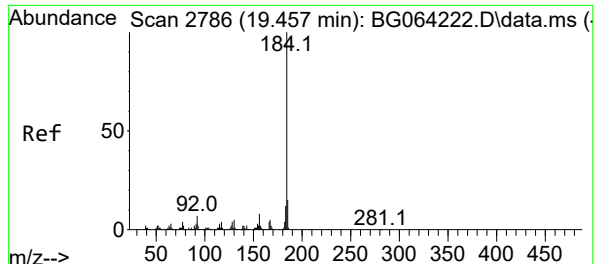
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

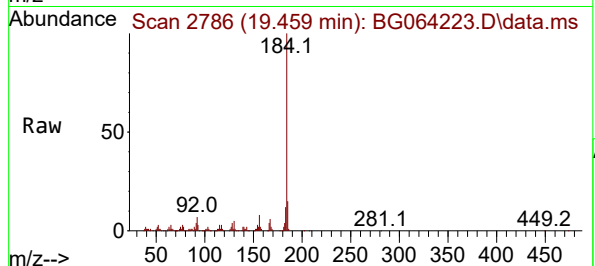
Tgt Ion:240 Resp: 265427  
Ion Ratio Lower Upper  
240 100  
120 7.8 6.2 9.4  
236 24.8 20.5 30.7





#77  
Benzidine  
Concen: 45.730 ng  
RT: 19.459 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

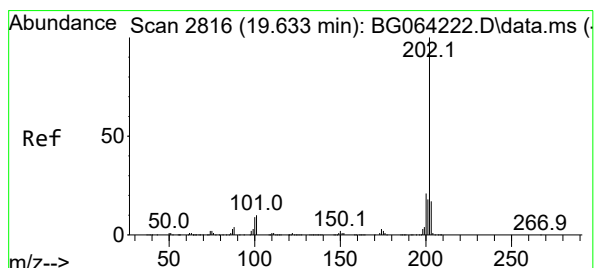
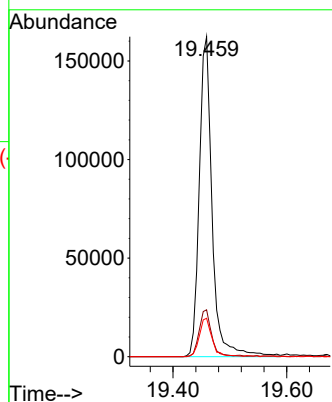
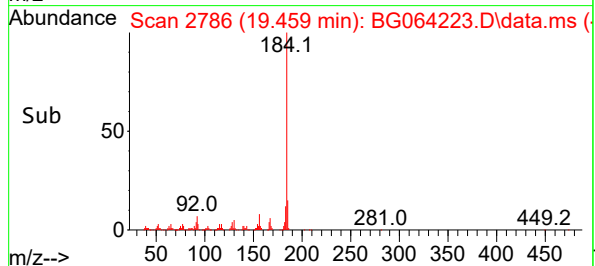
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:184 Resp: 255340  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.7 17.5  
183 12.0 9.7 14.5

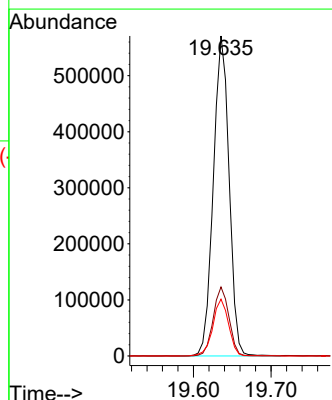
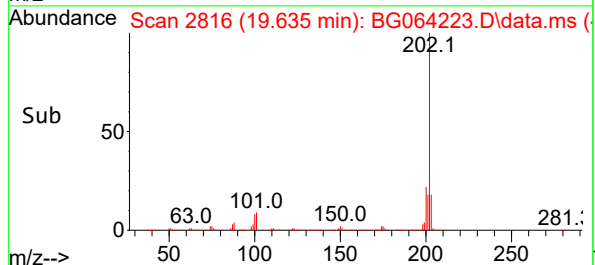
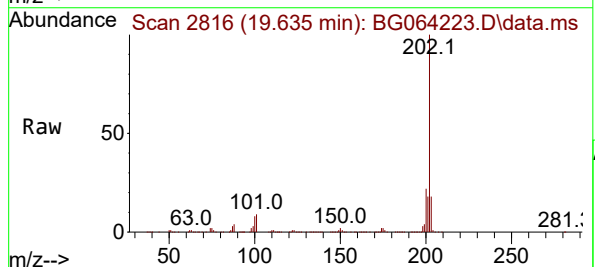
Manual Integrations  
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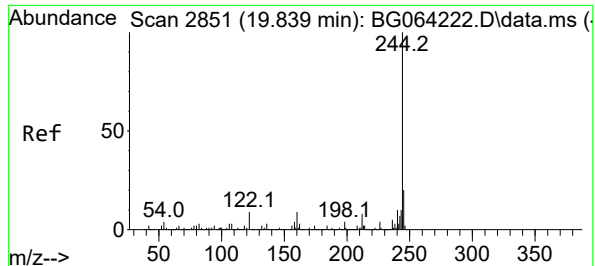
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#78  
Pyrene  
Concen: 48.257 ng  
RT: 19.635 min Scan# 2816  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion:202 Resp: 806963  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.9 25.3  
203 17.7 13.8 20.8





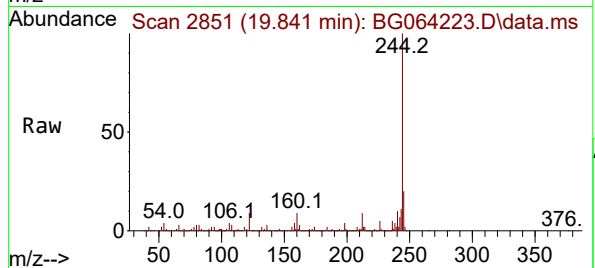
#79  
Terphenyl-d14  
Concen: 95.772 ng  
RT: 19.841 min Scan# 2851  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

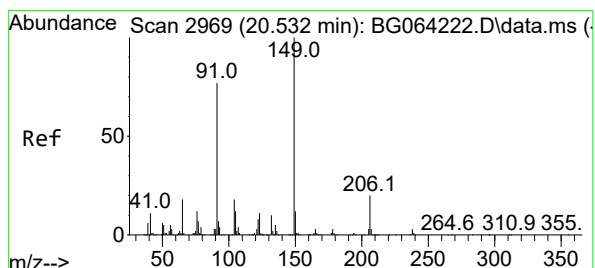
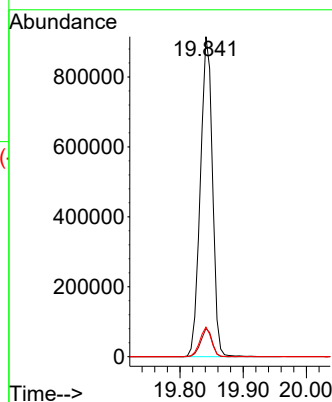
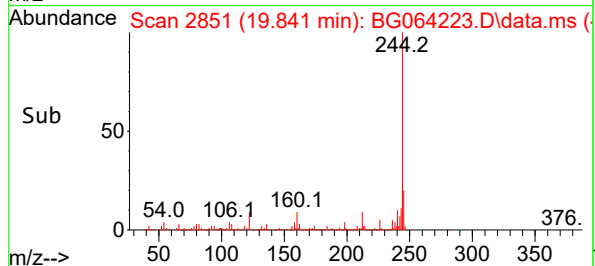


Tgt Ion:244 Resp: 121842  
Ion Ratio Lower Upper  
244 100  
212 8.8 6.6 10.0  
122 9.3 7.0 10.6

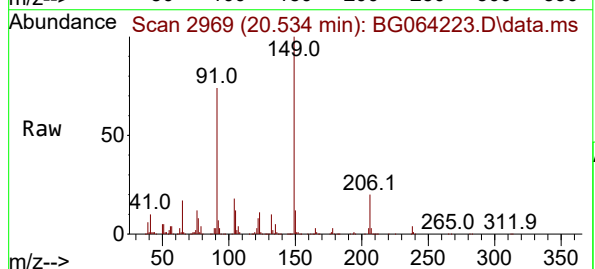
Manual Integrations

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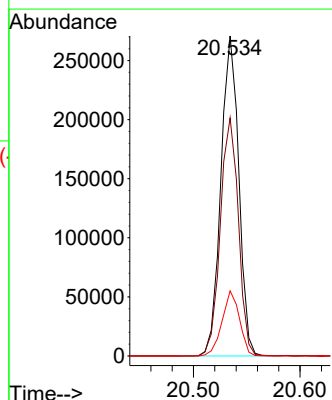
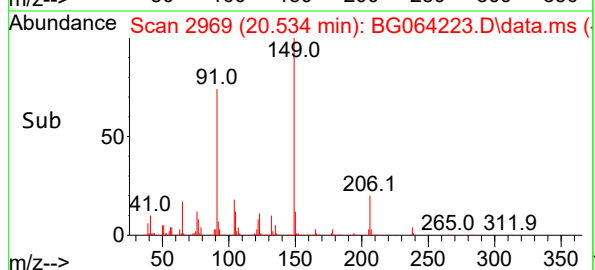
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

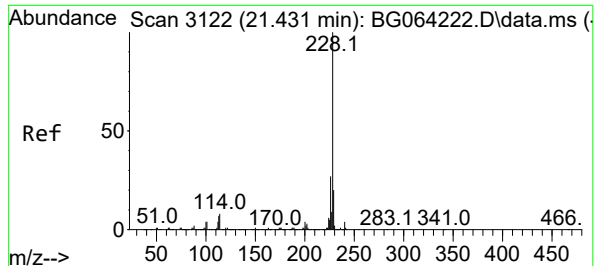


#80  
Butylbenzylphthalate  
Concen: 49.896 ng  
RT: 20.534 min Scan# 2969  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55



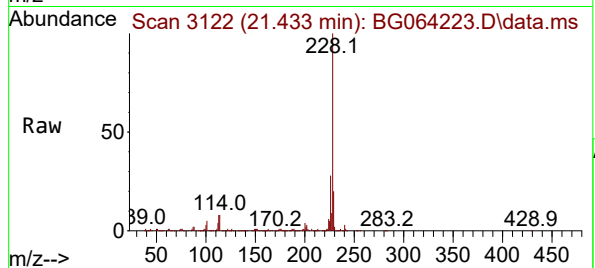
Tgt Ion:149 Resp: 314706  
Ion Ratio Lower Upper  
149 100  
91 74.4 61.4 92.0  
206 20.4 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 48.784 ng  
RT: 21.433 min Scan# 3122  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

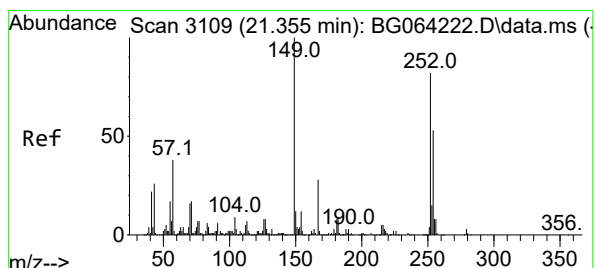
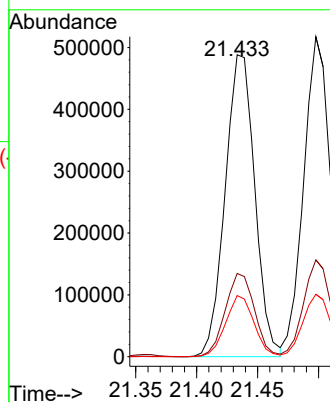
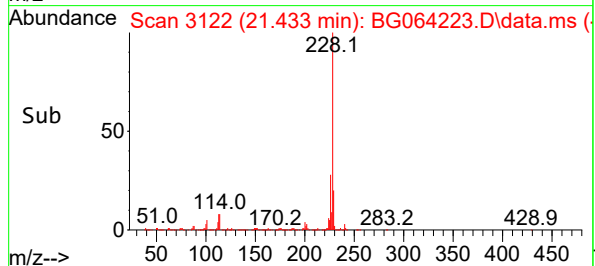
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 828398  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.7 32.5  
229 20.3 15.9 23.9

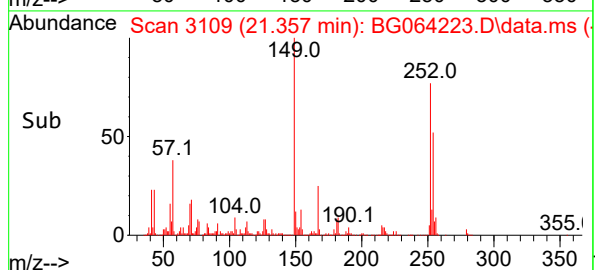
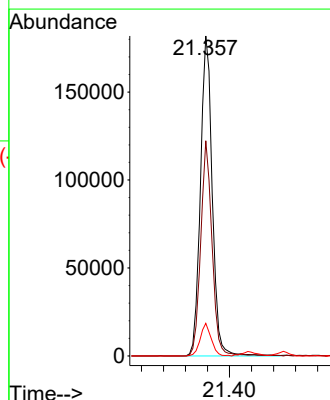
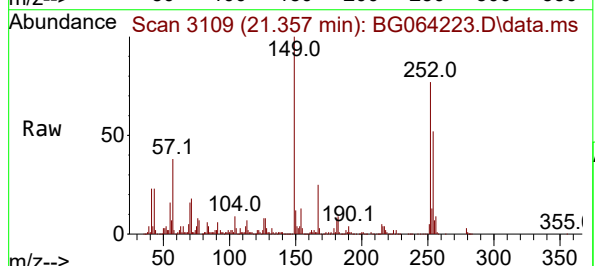
Manual Integrations  
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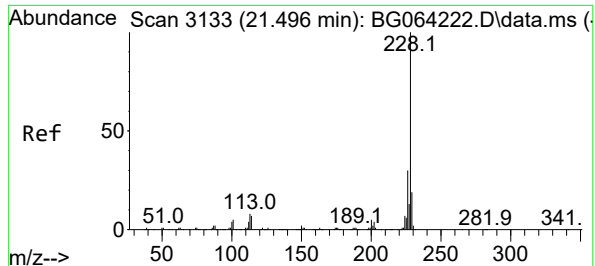
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 49.185 ng  
RT: 21.357 min Scan# 3109  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

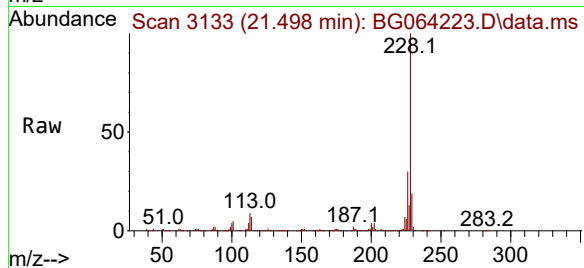
Tgt Ion:252 Resp: 272006  
Ion Ratio Lower Upper  
252 100  
254 67.2 51.9 77.9  
126 10.2 7.6 11.4





#83  
Chrysene  
Concen: 49.001 ng  
RT: 21.498 min Scan# 3133  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

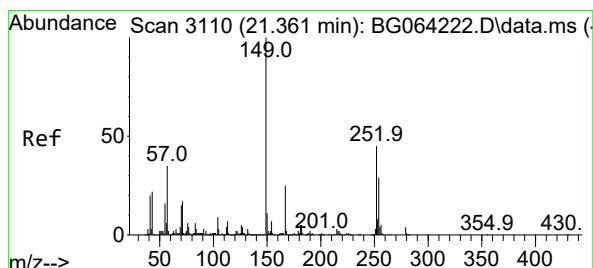
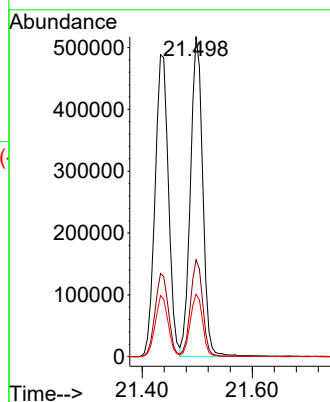
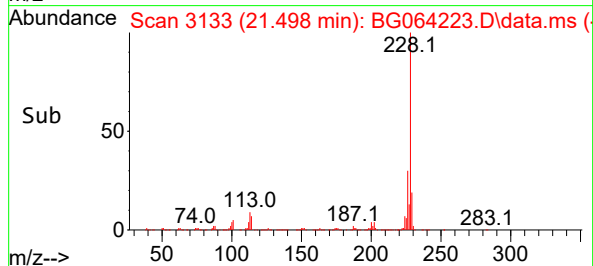
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 798825  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.2 36.2  
229 19.5 15.4 23.2

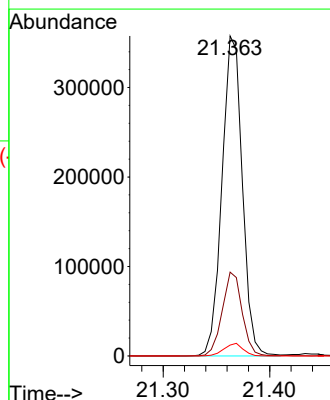
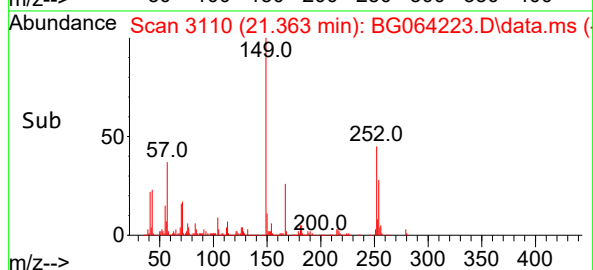
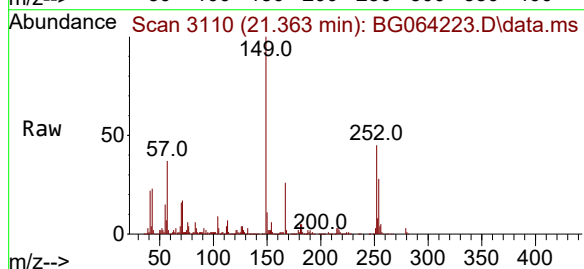
Manual Integrations  
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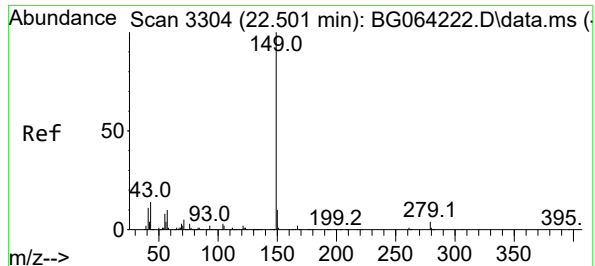
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.934 ng  
RT: 21.363 min Scan# 3110  
Delta R.T. -0.004 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

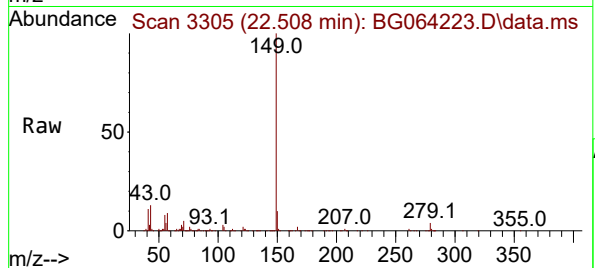
Tgt Ion:149 Resp: 472845  
Ion Ratio Lower Upper  
149 100  
167 26.2 20.0 30.0  
279 3.4 3.0 4.4





#85  
Di-n-octyl phthalate  
Concen: 49.375 ng  
RT: 22.508 min Scan# 3304  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

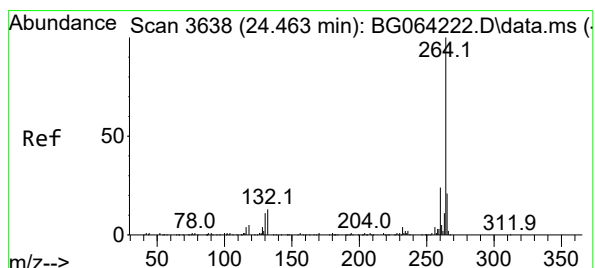
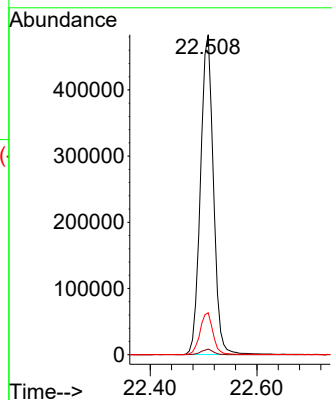
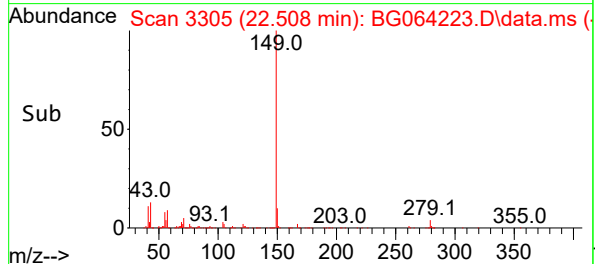
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:149 Resp: 814659  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 13.3 10.8 16.2

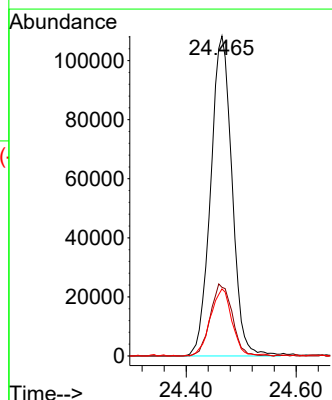
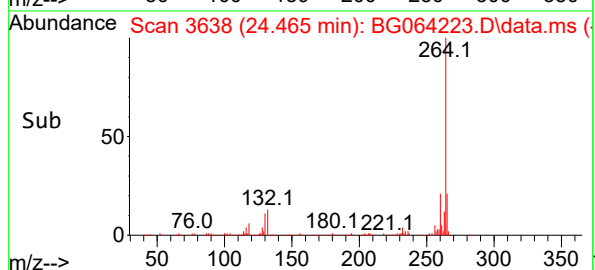
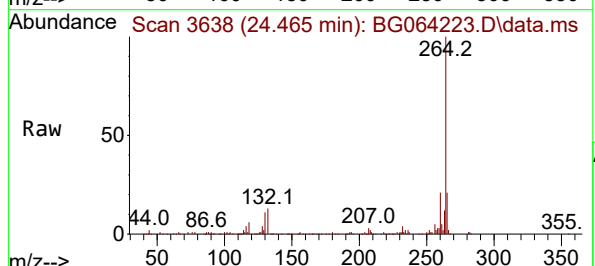
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

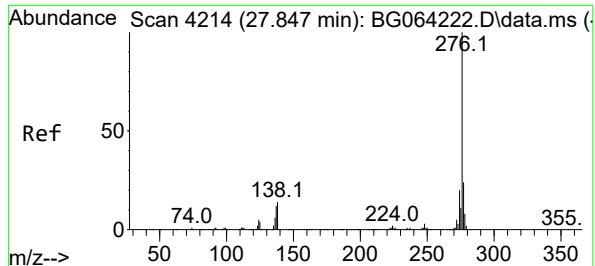


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.465 min Scan# 3638  
Delta R.T. 0.002 min  
Lab File: BG064223.D  
Acq: 28 Aug 2025 14:55

Tgt Ion:264 Resp: 291787  
Ion Ratio Lower Upper  
264 100  
260 21.4 18.9 28.3  
265 21.0 16.7 25.1







#87

Indeno(1,2,3-cd)pyrene

Concen: 49.338 ng

RT: 27.867 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 98313

Ion Ratio Lower Upper

276 100

138 13.7 7.4 11.0

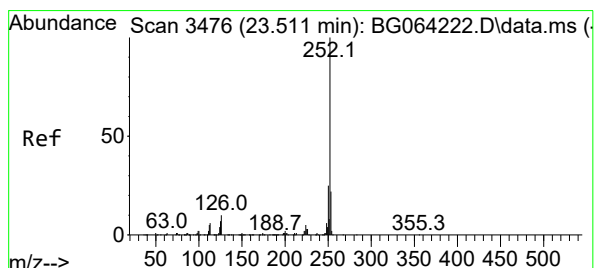
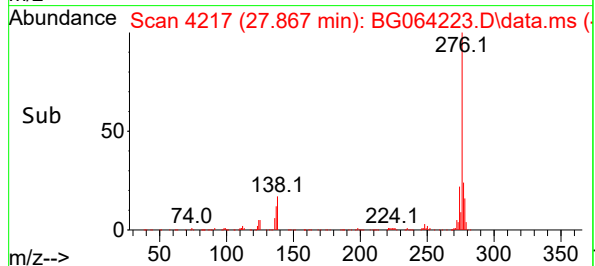
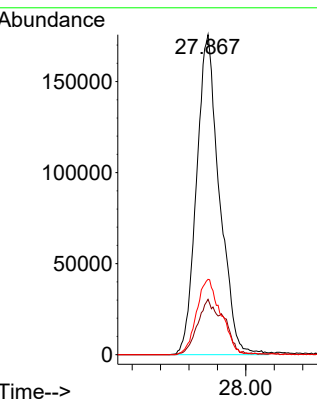
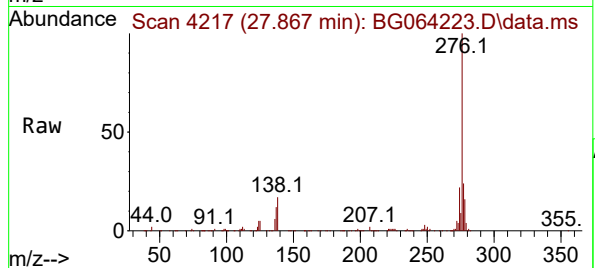
277 25.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#88

Benzo(b)fluoranthene

Concen: 48.889 ng

RT: 23.519 min Scan# 3477

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

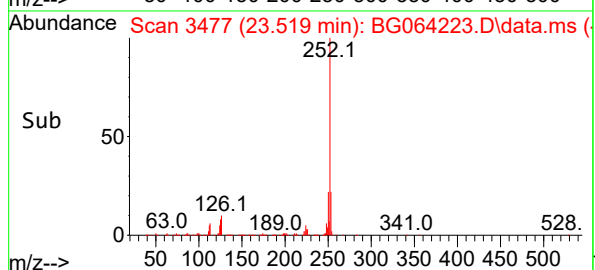
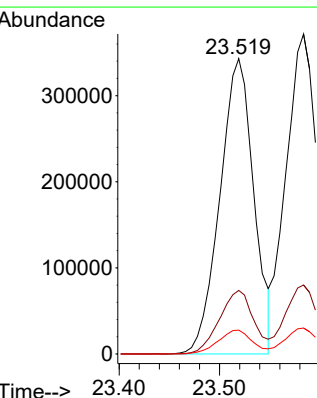
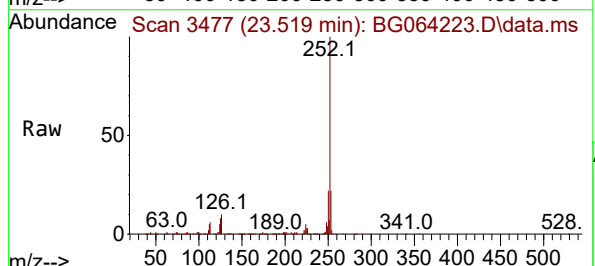
Tgt Ion:252 Resp: 805106

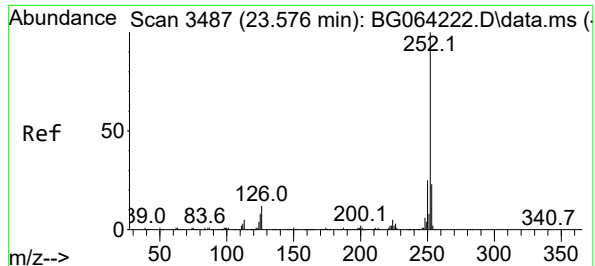
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.1 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 49.190 ng

RT: 23.584 min Scan# 34

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 825274

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

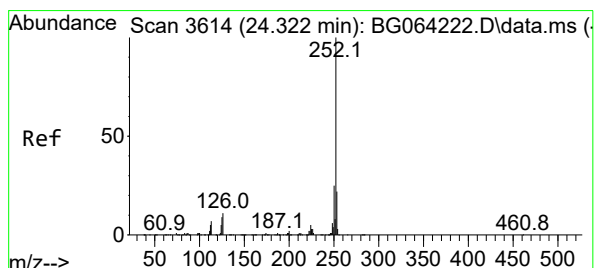
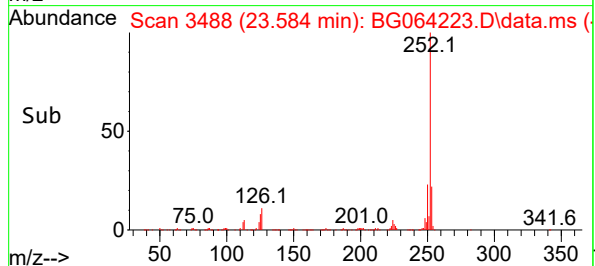
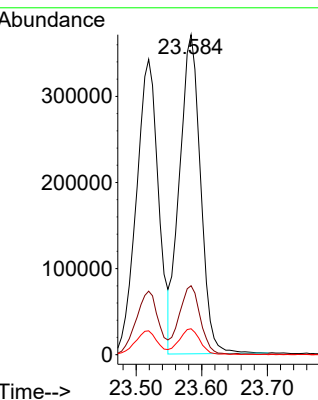
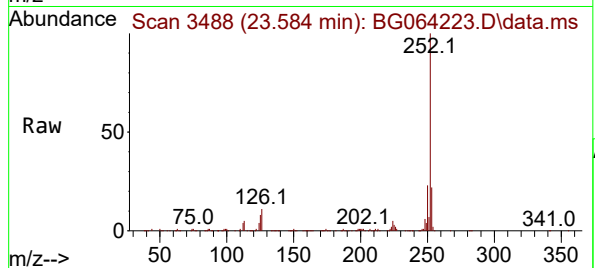
125 8.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 49.853 ng

RT: 24.330 min Scan# 3615

Delta R.T. 0.002 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

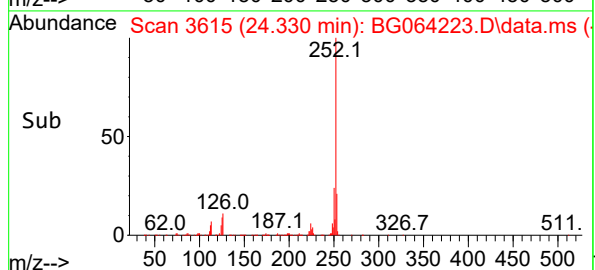
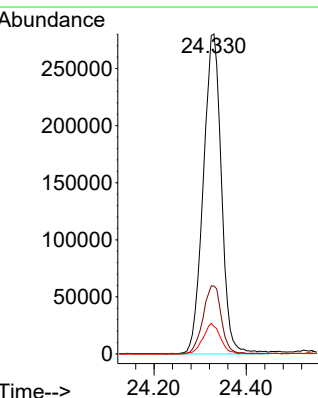
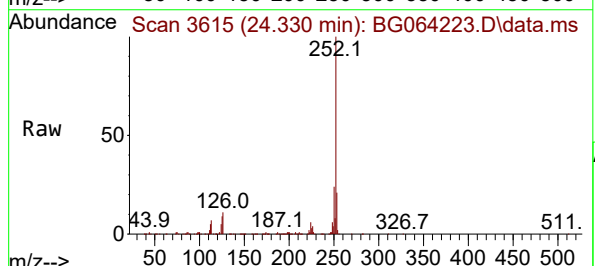
Tgt Ion:252 Resp: 763697

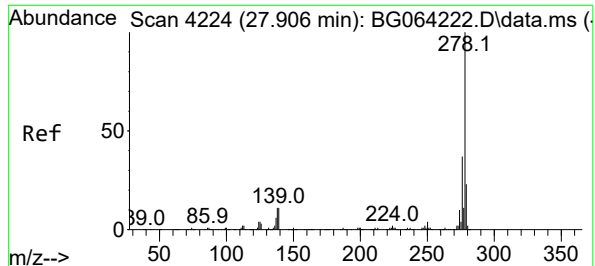
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 8.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 49.569 ng

RT: 27.920 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 793072

Ion Ratio Lower Upper

278 100

139 12.1 9.0 13.4

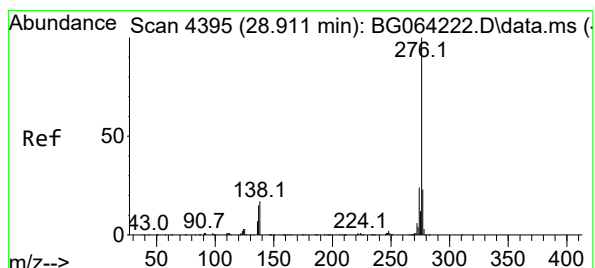
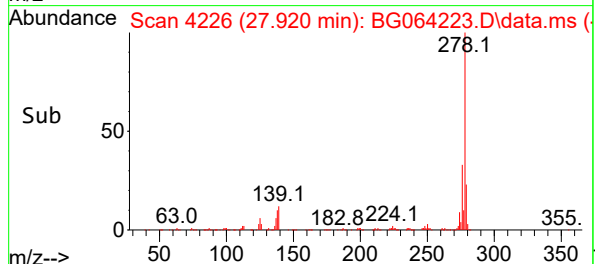
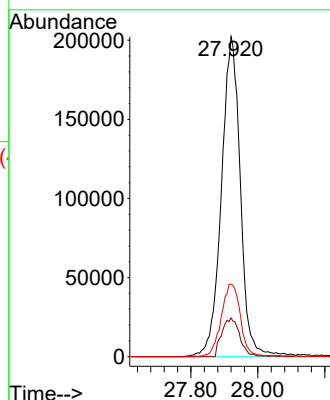
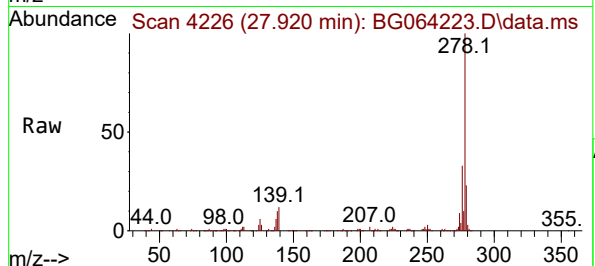
279 22.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#92

Benzo(g,h,i)perylene

Concen: 48.833 ng

RT: 28.924 min Scan# 4397

Delta R.T. -0.010 min

Lab File: BG064223.D

Acq: 28 Aug 2025 14:55

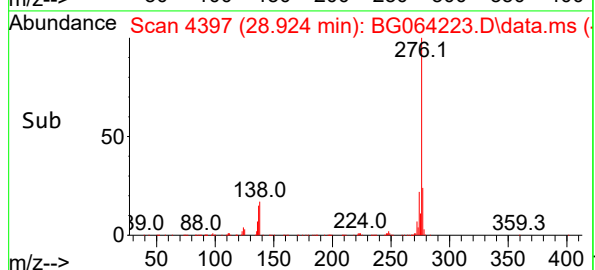
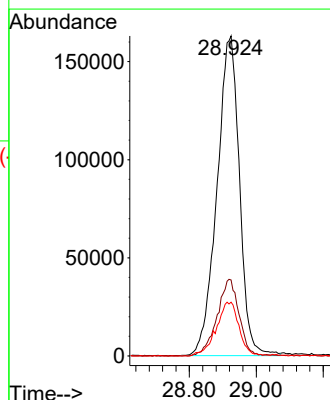
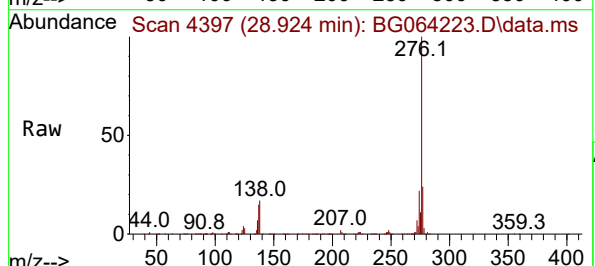
Tgt Ion:276 Resp: 760245

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.4

138 16.8 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064224.D  
 Acq On : 28 Aug 2025 15:35  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC060

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.862  | 152  | 36015    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.647 | 136  | 170958   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.484 | 164  | 119119   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.222 | 188  | 261407   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.458 | 240  | 260140   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.460 | 264  | 282089   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.441  | 112  | 241289   | 120.199 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.028  | 99   | 335950   | 121.816 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.014  | 82   | 385656   | 125.810 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.970 | 330  | 183766   | 116.471 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.109 | 172  | 931958   | 119.418 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.842 | 244  | 1464829  | 117.481 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.361  | 88   | 46659    | 55.765  | ng    | 93       |
| 3) Pyridine                   | 3.749  | 79   | 148183   | 60.164  | ng    | # 59     |
| 4) n-Nitrosodimethylamine     | 3.667  | 42   | 98975    | 60.754  | ng    | 98       |
| 6) Aniline                    | 7.186  | 93   | 238042   | 62.417  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.421  | 128  | 152055   | 61.987  | ng    | 96       |
| 9) Benzaldehyde               | 6.998  | 77   | 155435   | 68.486  | ng    | 98       |
| 10) Phenol                    | 7.057  | 94   | 188585   | 62.023  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.286  | 93   | 137237   | 60.065  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.750  | 146  | 153973   | 59.001  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.891  | 146  | 156384   | 59.377  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.209  | 146  | 155259   | 61.080  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.097  | 79   | 155325   | 61.031  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.379  | 45   | 316667   | 60.705  | ng    | 97       |
| 17) 2-Methylphenol            | 8.297  | 107  | 141026   | 62.233  | ng    | 93       |
| 18) Hexachloroethane          | 8.937  | 117  | 61354    | 59.678  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.667  | 70   | 132872   | 62.952  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.626  | 107  | 193119   | 61.332  | ng    | 97       |
| 22) Acetophenone              | 8.679  | 105  | 263157   | 60.845  | ng    | 98       |
| 24) Nitrobenzene              | 9.055  | 77   | 198465   | 61.967  | ng    | 99       |
| 25) Isophorone                | 9.583  | 82   | 386602   | 60.683  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.760  | 139  | 90366    | 65.298  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.824  | 122  | 149302   | 61.449  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.059 | 93   | 207316   | 60.350  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.294 | 162  | 159519   | 62.224  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.512 | 180  | 162624   | 60.163  | ng    | 97       |
| 31) Naphthalene               | 10.700 | 128  | 533782   | 60.212  | ng    | 98       |
| 32) Benzoic acid              | 10.001 | 122  | 133067m  | 68.994  | ng    |          |
| 33) 4-Chloroaniline           | 10.800 | 127  | 214932   | 62.554  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.988 | 225  | 121022   | 60.569  | ng    | 91       |
| 35) Caprolactam               | 11.593 | 113  | 58399    | 58.831  | ng    | # 89     |
| 36) 4-Chloro-3-methylphenol   | 11.934 | 107  | 202895   | 60.999  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.310 | 142  | 395854   | 60.074  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.527 | 142  | 386279   | 59.349  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.674 | 216  | 211572   | 61.558  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.662 | 237  | 109873   | 67.263  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.915 | 196  | 142653   | 62.098  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064224.D  
 Acq On : 28 Aug 2025 15:35  
 Operator : RC/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC060

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.985 | 196  | 156040   | 62.618 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.320 | 154  | 525792   | 60.603 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.361 | 162  | 399038   | 61.178 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.561 | 65   | 145751   | 65.561 | ng    | 92       |
| 49) Acenaphthylene            | 14.207 | 152  | 575370   | 59.674 | ng    | 99       |
| 50) Dimethylphthalate         | 13.943 | 163  | 516639   | 57.300 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.061 | 165  | 112647   | 64.535 | ng    | 92       |
| 52) Acenaphthene              | 14.548 | 154  | 404535   | 59.453 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.390 | 138  | 115002   | 62.898 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.589 | 184  | 67869    | 60.959 | ng    | 95       |
| 55) Dibenzofuran              | 14.883 | 168  | 626661   | 58.552 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.695 | 139  | 91069    | 60.719 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.848 | 165  | 163372   | 61.902 | ng    | # 96     |
| 58) Fluorene                  | 15.535 | 166  | 499733   | 56.968 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.106 | 232  | 144297   | 60.205 | ng    | 98       |
| 60) Diethylphthalate          | 15.312 | 149  | 546656   | 56.652 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.529 | 204  | 255865   | 58.501 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.553 | 138  | 118212   | 63.360 | ng    | 96       |
| 63) Azobenzene                | 15.823 | 77   | 497962   | 57.900 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.612 | 198  | 101194   | 67.426 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.741 | 169  | 441909   | 61.453 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.422 | 248  | 171364   | 61.720 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.534 | 284  | 190207   | 61.691 | ng    | 96       |
| 69) Atrazine                  | 16.693 | 200  | 176003   | 58.617 | ng    | 99       |
| 70) Pentachlorophenol         | 16.875 | 266  | 122654   | 65.608 | ng    | 93       |
| 71) Phenanthrene              | 17.269 | 178  | 816436   | 59.216 | ng    | 99       |
| 72) Anthracene                | 17.357 | 178  | 838831   | 59.810 | ng    | 99       |
| 73) Carbazole                 | 17.627 | 167  | 733146   | 59.340 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.197 | 149  | 877217   | 59.097 | ng    | 98       |
| 75) Fluoranthene              | 19.278 | 202  | 947053   | 58.419 | ng    | 100      |
| 77) Benzidine                 | 19.454 | 184  | 278230   | 50.842 | ng    | 99       |
| 78) Pyrene                    | 19.636 | 202  | 990486   | 60.435 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.535 | 149  | 386881   | 62.586 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.434 | 228  | 1010842  | 60.738 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.358 | 252  | 324809   | 59.926 | ng    | 98       |
| 83) Chrysene                  | 21.499 | 228  | 958620   | 59.998 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.364 | 149  | 572579   | 61.696 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.504 | 149  | 1017157  | 62.901 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.868 | 276  | 1208324  | 62.724 | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.520 | 252  | 985063   | 61.873 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.585 | 252  | 994667   | 61.325 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.331 | 252  | 923392   | 62.350 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 27.921 | 278  | 968236   | 62.598 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.925 | 276  | 933012   | 61.991 | ng    | 98       |

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

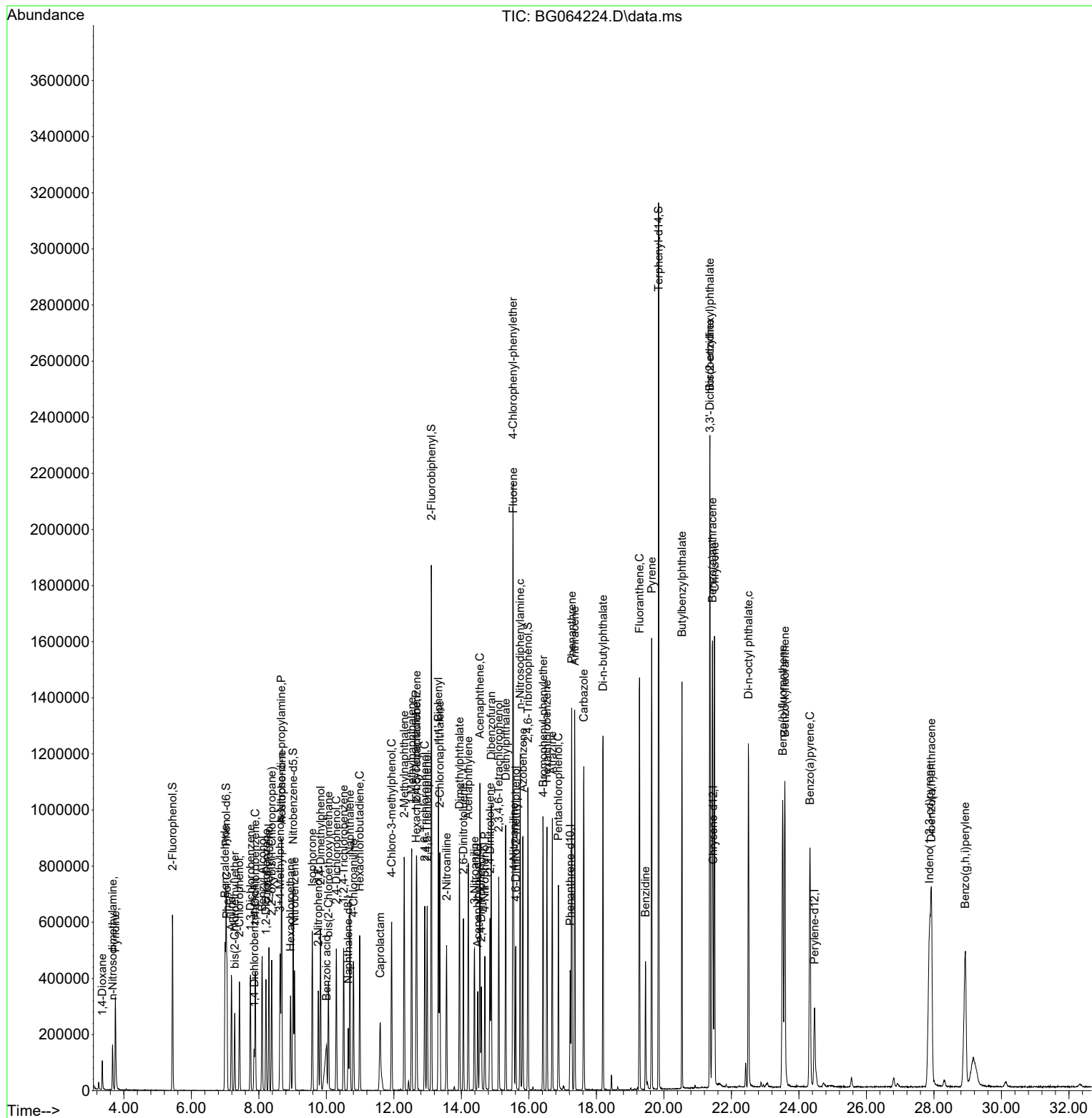
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Data File : BG064224.D  
Acq On : 28 Aug 2025 15:35  
Operator : RC/JU  
Sample : SSTDICC060  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

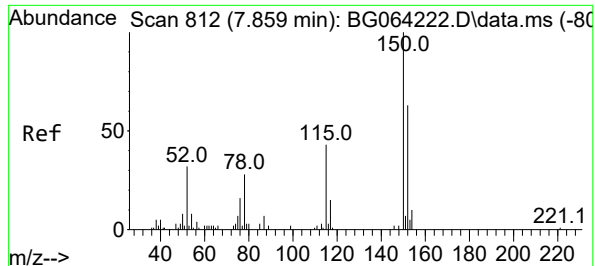
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC060

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jaagrut Upadhyay 08/29/2025

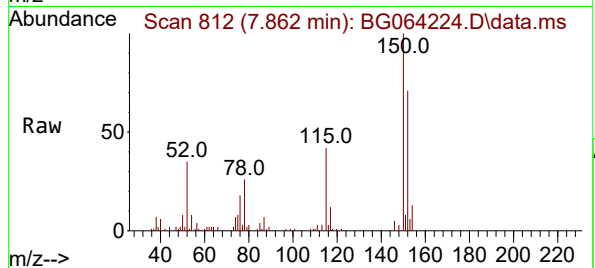
Quant Time: Aug 28 18:41:04 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.862 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

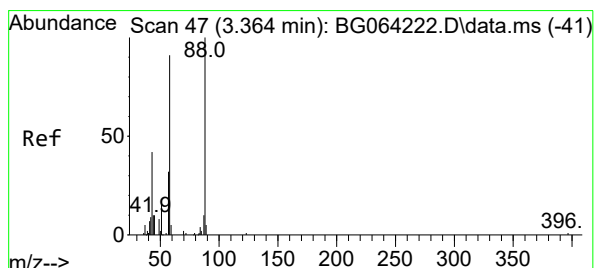
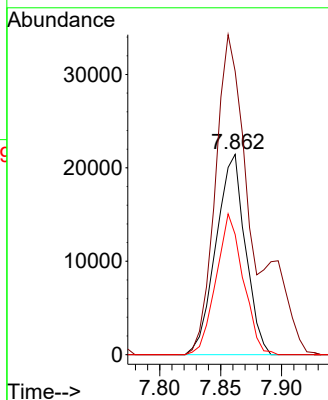
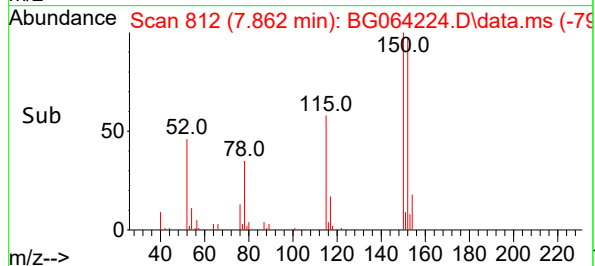
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:152 Resp: 3601  
Ion Ratio Lower Upper  
152 100  
150 141.4 128.0 192.0  
115 59.9 55.7 83.5

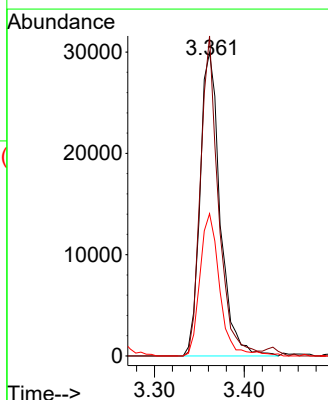
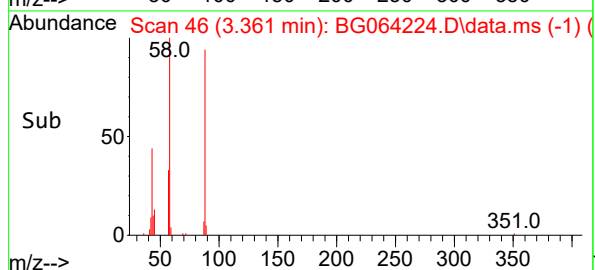
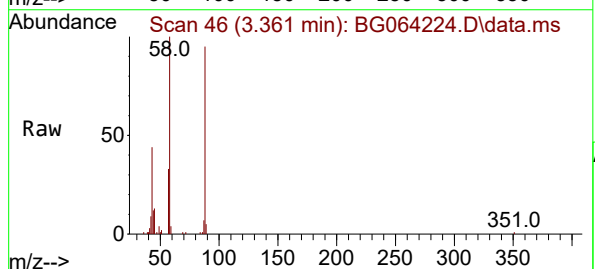
Manual Integrations  
APPROVED

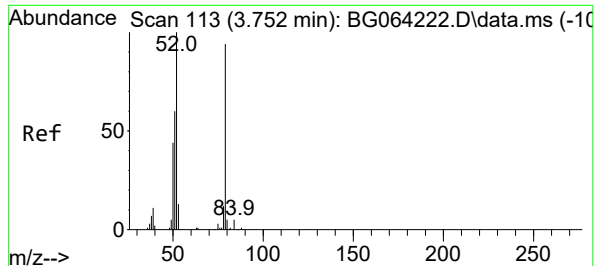
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#2  
1,4-Dioxane  
Concen: 55.765 ng  
RT: 3.361 min Scan# 46  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

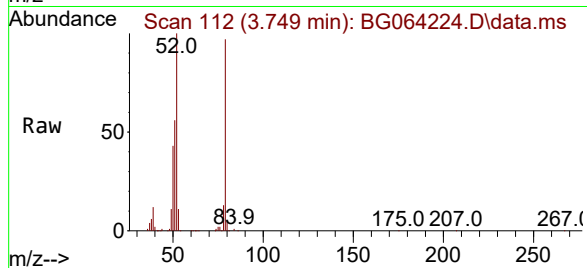
Tgt Ion: 88 Resp: 46659  
Ion Ratio Lower Upper  
88 100  
58 94.1 80.8 121.2  
43 46.0 40.3 60.5





#3  
Pyridine  
Concen: 60.164 ng  
RT: 3.749 min Scan# 113  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

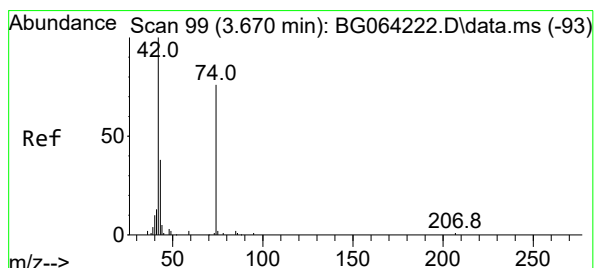
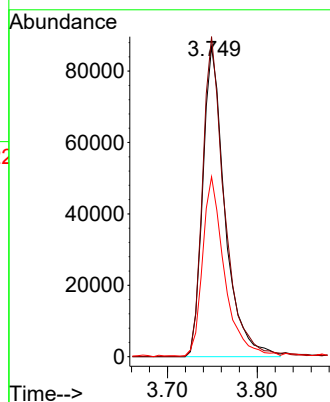
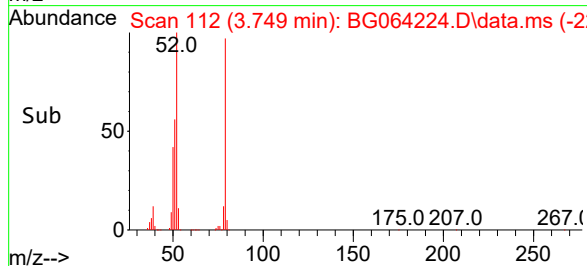
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 79 Resp: 14818  
Ion Ratio Lower Upper  
79 100  
52 103.3 86.6 129.8  
51 58.0 114.1 171.1

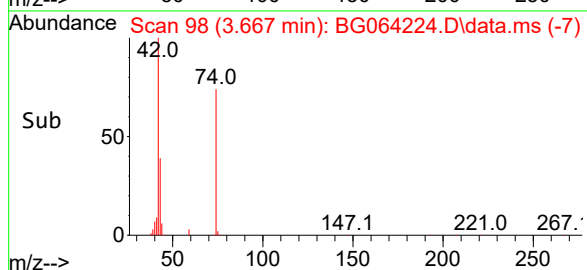
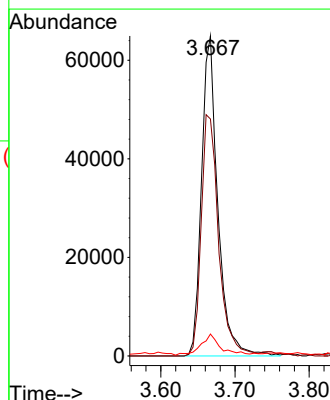
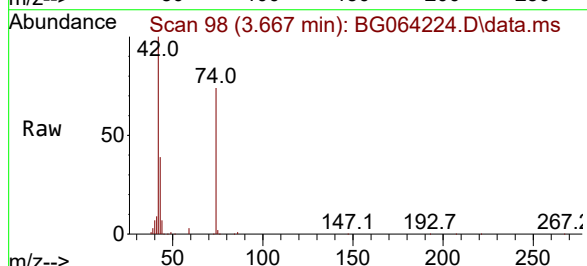
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

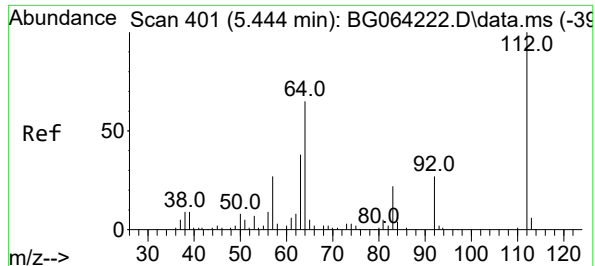


#4  
n-Nitrosodimethylamine  
Concen: 60.754 ng  
RT: 3.667 min Scan# 98  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion: 42 Resp: 98975  
Ion Ratio Lower Upper  
42 100  
74 74.0 58.0 87.0  
44 6.8 5.5 8.3







#5

2-Fluorophenol

Concen: 120.199 ng

RT: 5.441 min Scan# 401

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:112 Resp: 241289

Ion Ratio Lower Upper

112 100

64 65.8 51.8 77.6

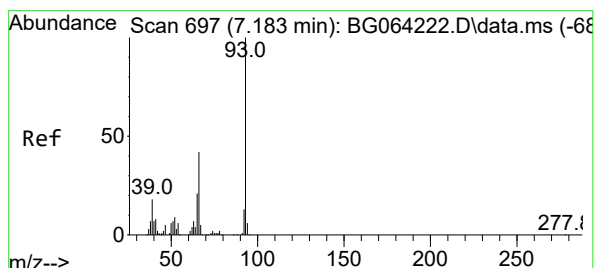
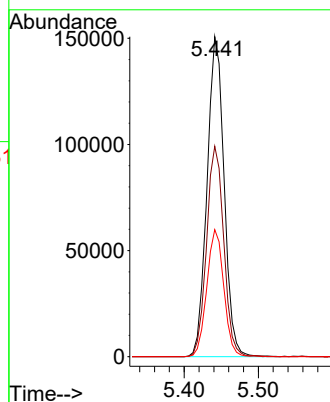
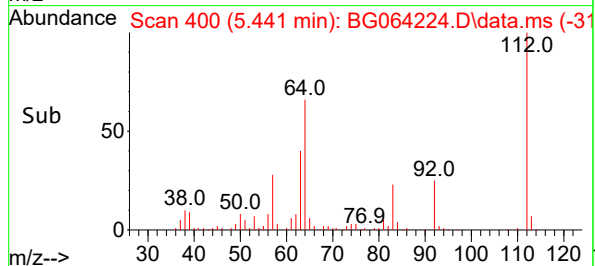
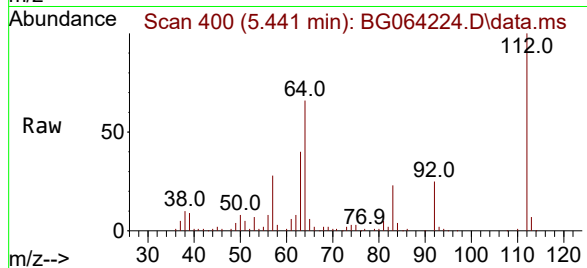
63 39.7 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 62.417 ng

RT: 7.186 min Scan# 697

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

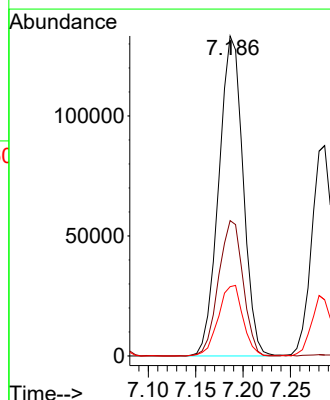
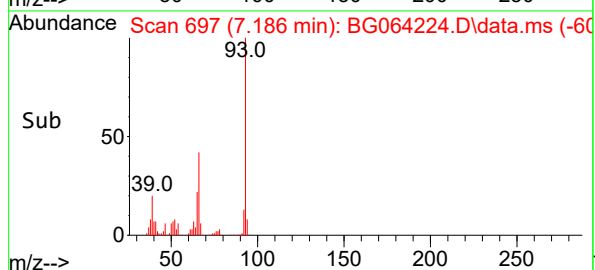
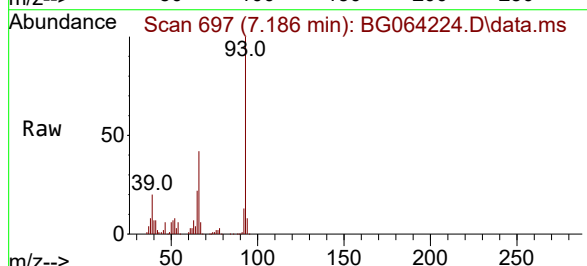
Tgt Ion: 93 Resp: 238042

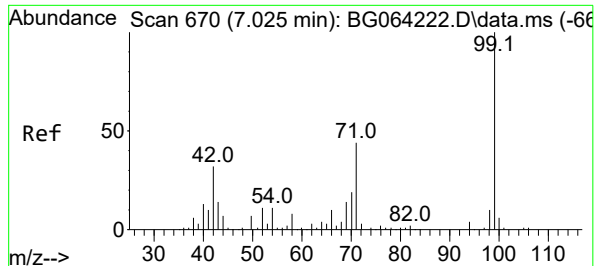
Ion Ratio Lower Upper

93 100

66 42.3 33.8 50.8

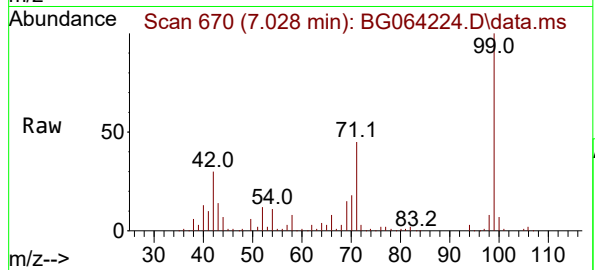
65 21.7 16.9 25.3





#7  
Phenol-d6  
Concen: 121.816 ng  
RT: 7.028 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

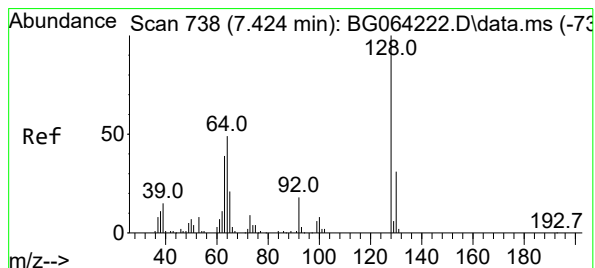
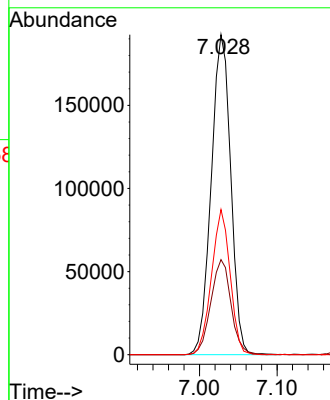
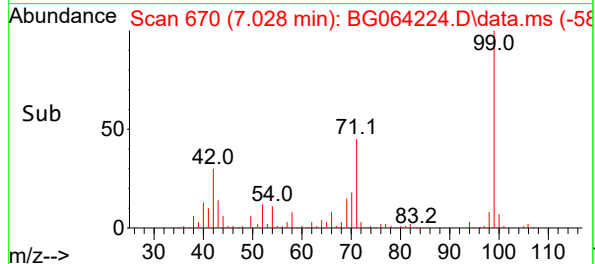
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 99 Resp: 335950  
Ion Ratio Lower Upper  
99 100  
42 29.7 25.8 38.8  
71 45.4 35.2 52.8

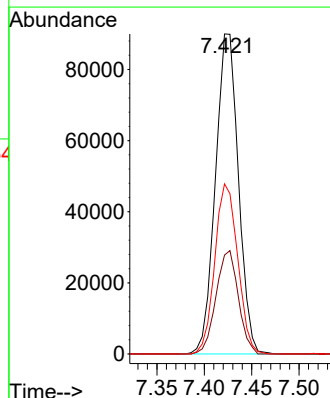
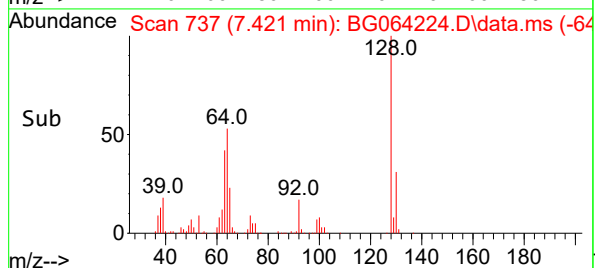
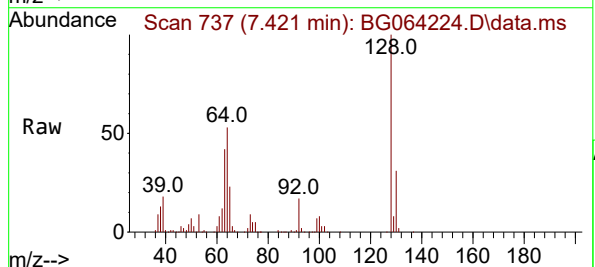
Manual Integrations  
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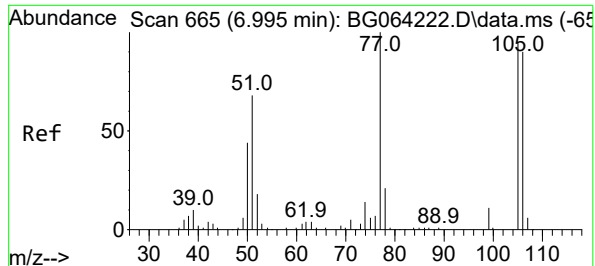
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#8  
2-Chlorophenol  
Concen: 61.987 ng  
RT: 7.421 min Scan# 737  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:128 Resp: 152055  
Ion Ratio Lower Upper  
128 100  
130 30.9 10.9 50.9  
64 53.2 28.7 68.7





#9

Benzaldehyde

Concen: 68.486 ng

RT: 6.998 min Scan# 665

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 15543

Ion Ratio Lower Upper

77 100

105 96.6 75.2 115.2

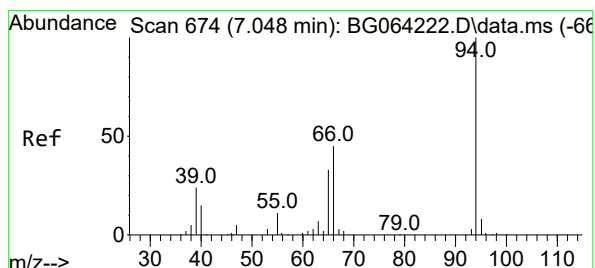
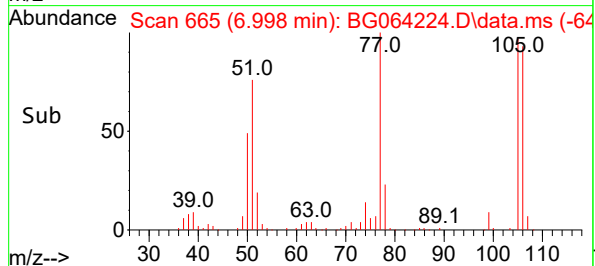
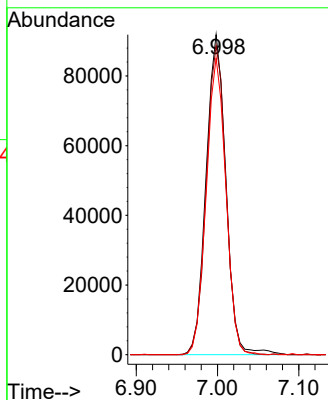
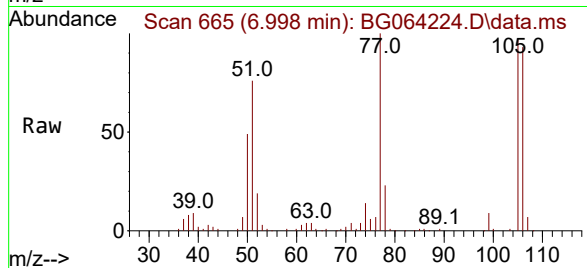
106 92.7 69.6 109.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#10

Phenol

Concen: 62.023 ng

RT: 7.057 min Scan# 675

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

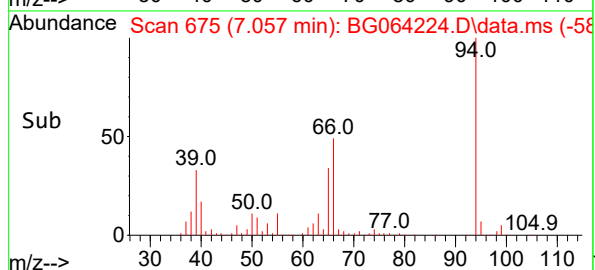
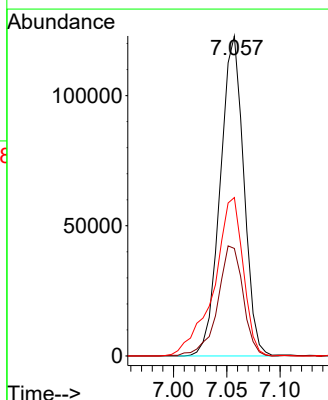
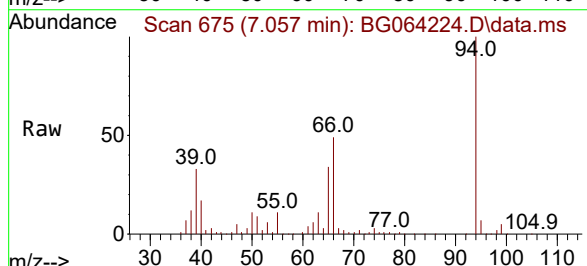
Tgt Ion: 94 Resp: 188585

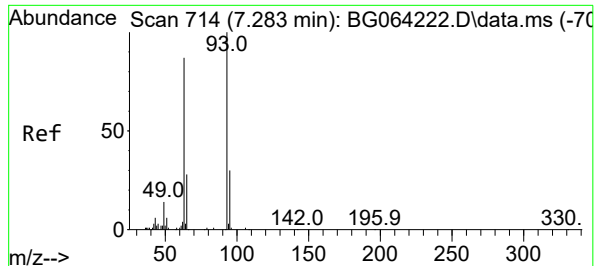
Ion Ratio Lower Upper

94 100

65 33.6 13.5 53.5

66 49.5 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 60.065 ng

RT: 7.286 min Scan# 714

Delta R.T. 0.003 min

Lab File: BG064224.D

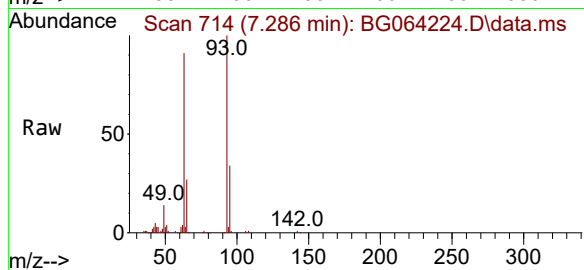
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



Tgt Ion: 93 Resp: 13723

Ion Ratio Lower Upper

93 100

63 90.9 66.2 106.2

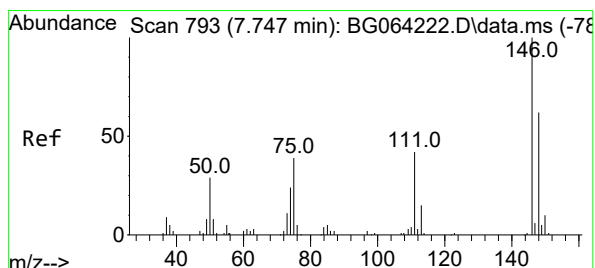
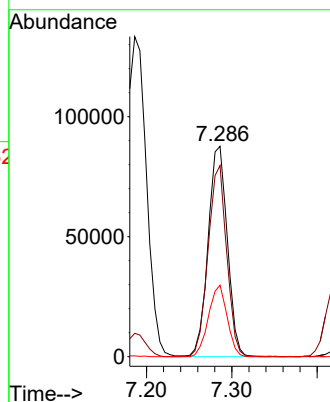
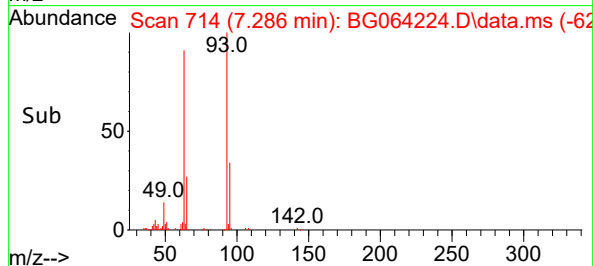
95 34.0 9.8 49.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 59.001 ng

RT: 7.750 min Scan# 793

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

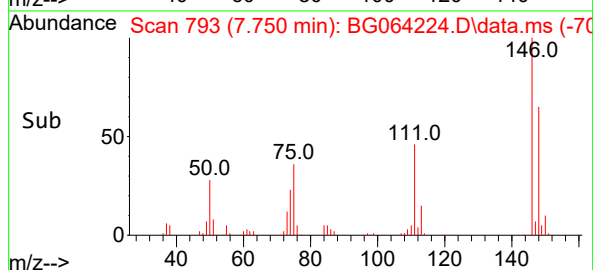
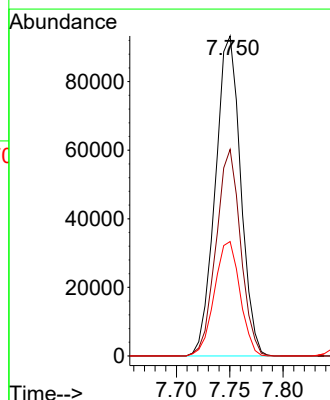
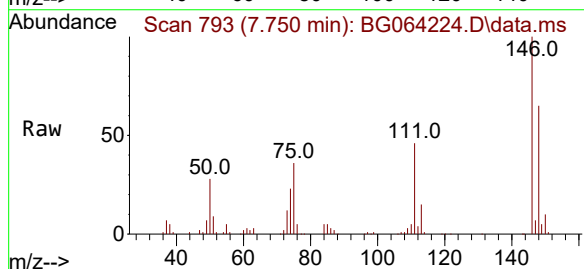
Tgt Ion:146 Resp: 153973

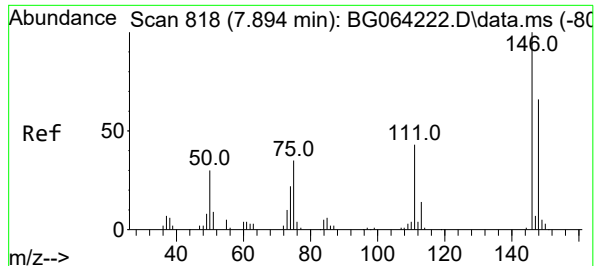
Ion Ratio Lower Upper

146 100

148 64.6 49.6 74.4

75 35.8 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 59.377 ng

RT: 7.891 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 156384

Ion Ratio Lower Upper

146 100

148 65.8 52.8 79.2

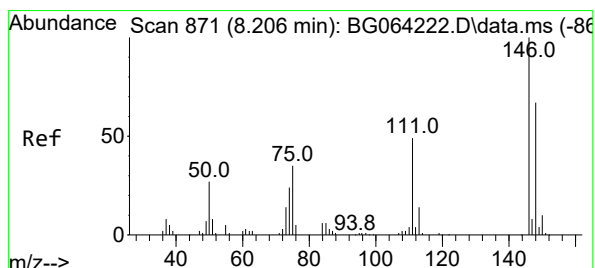
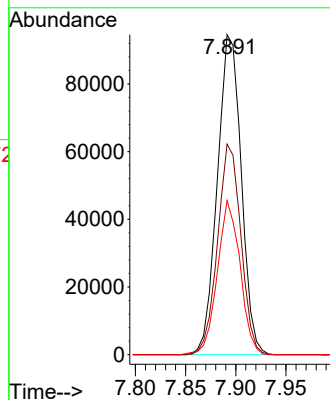
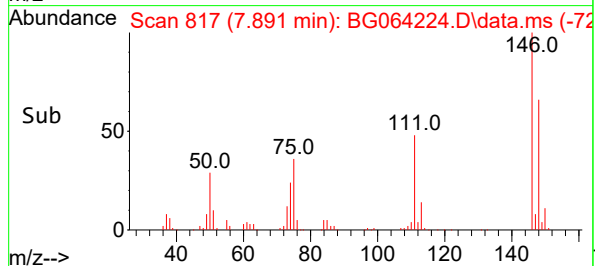
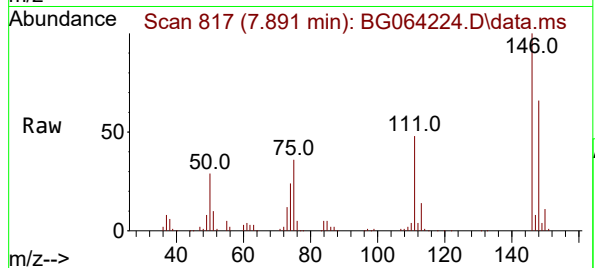
111 48.1 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 61.080 ng

RT: 8.209 min Scan# 871

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

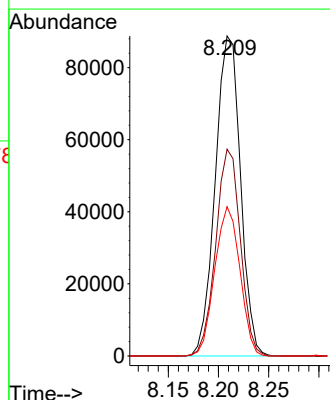
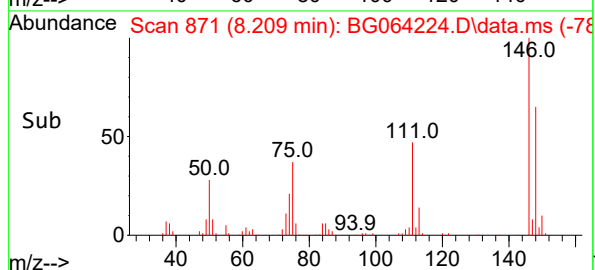
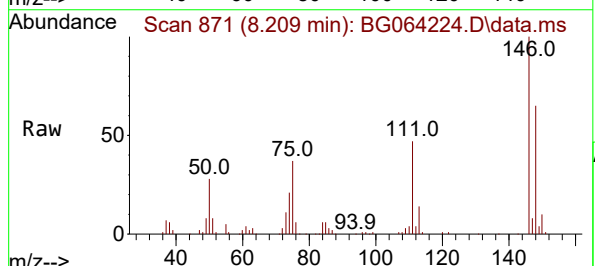
Tgt Ion:146 Resp: 155259

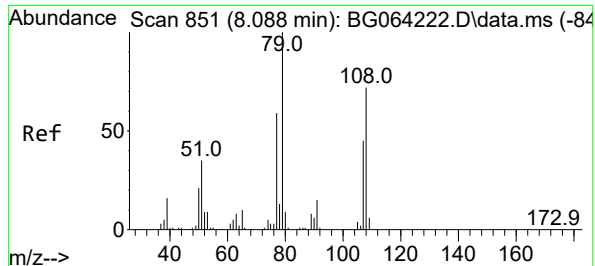
Ion Ratio Lower Upper

146 100

148 64.6 53.4 80.0

111 46.6 39.1 58.7





#15

Benzyl Alcohol

Concen: 61.031 ng

RT: 8.097 min Scan# 8

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 15532

Ion Ratio Lower Upper

79 100

108 75.0 57.4 86.0

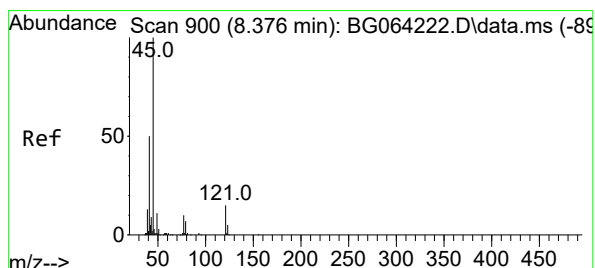
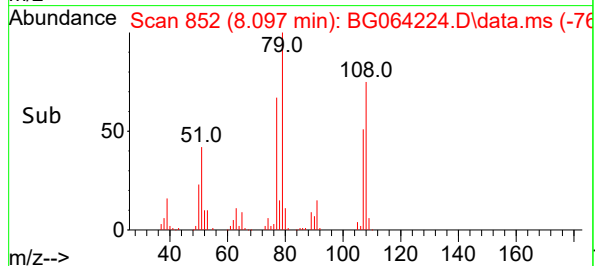
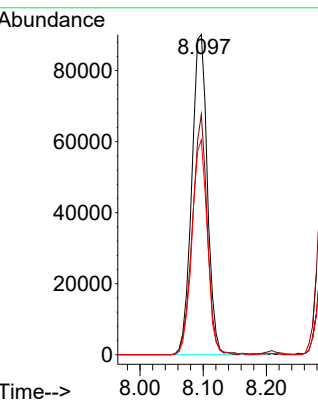
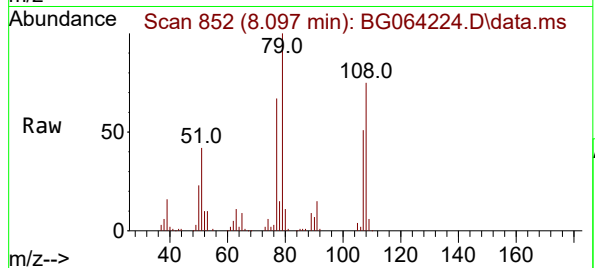
77 67.1 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.705 ng

RT: 8.379 min Scan# 900

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

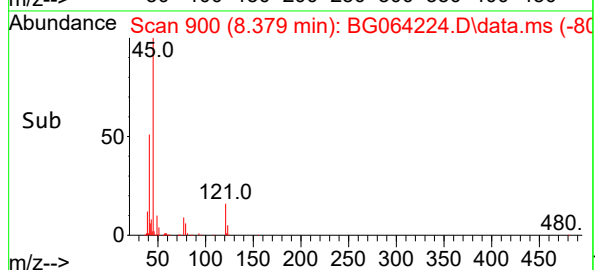
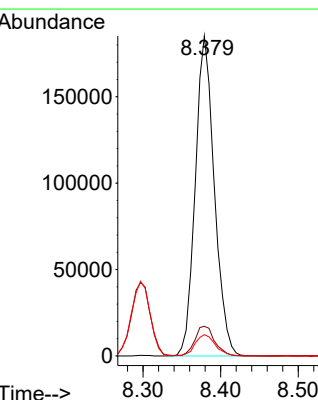
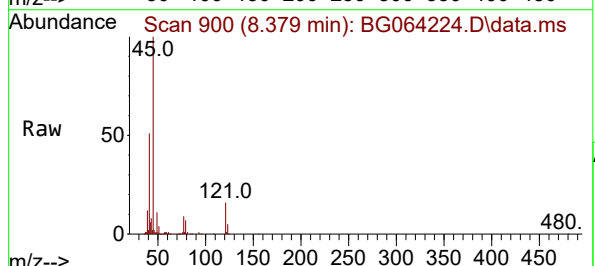
Tgt Ion: 45 Resp: 316667

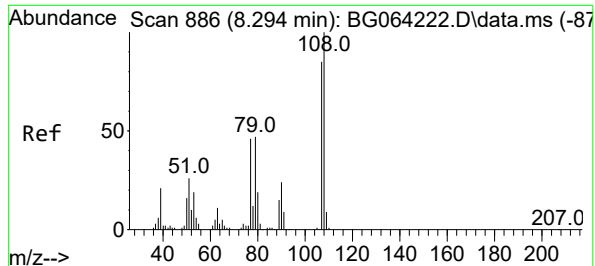
Ion Ratio Lower Upper

45 100

77 9.2 0.0 30.0

79 6.7 0.0 27.9





#17

2-Methylphenol

Concen: 62.233 ng

RT: 8.297 min Scan# 886

Delta R.T. -0.003 min

Lab File: BG064224.D

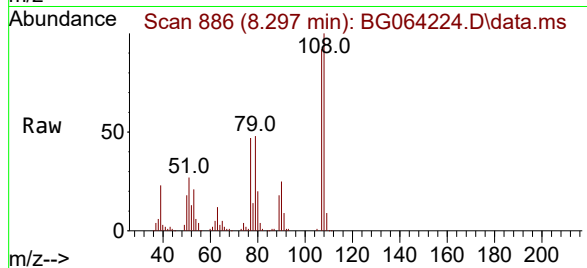
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 141020

Ion Ratio Lower Upper

107 100

108 108.8 94.6 141.8

77 51.3 43.7 65.5

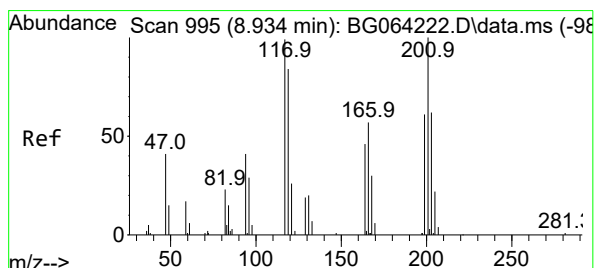
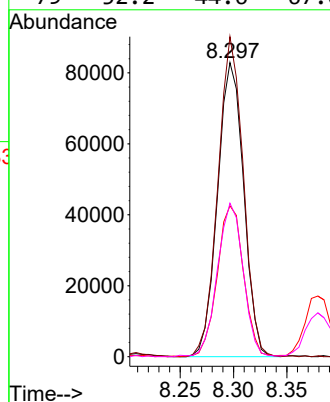
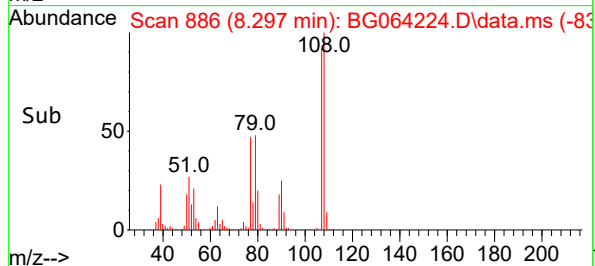
79 52.2 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 59.678 ng

RT: 8.937 min Scan# 995

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

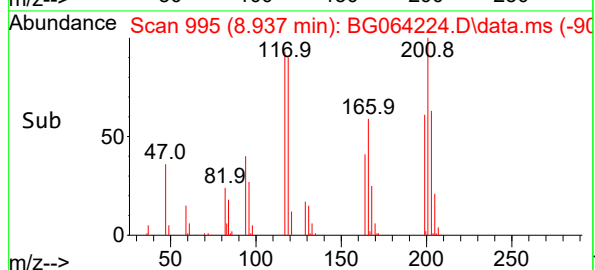
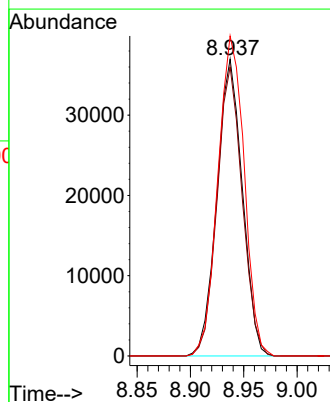
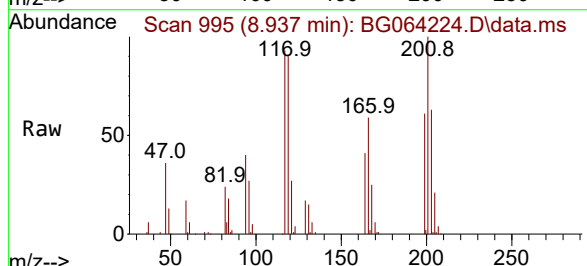
Tgt Ion:117 Resp: 61354

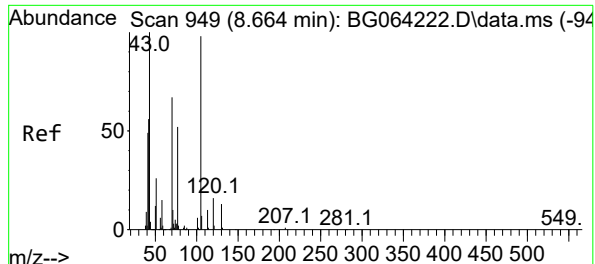
Ion Ratio Lower Upper

117 100

119 97.4 67.9 101.9

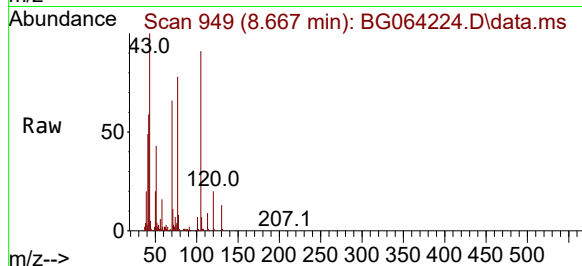
201 107.8 80.5 120.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 62.952 ng  
RT: 8.667 min Scan# 949  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

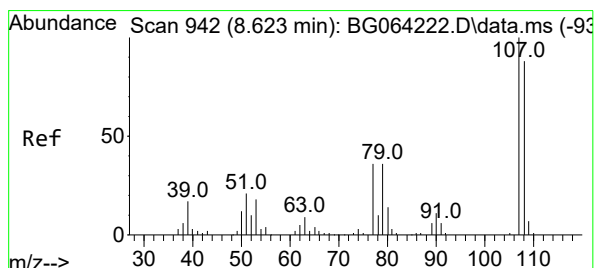
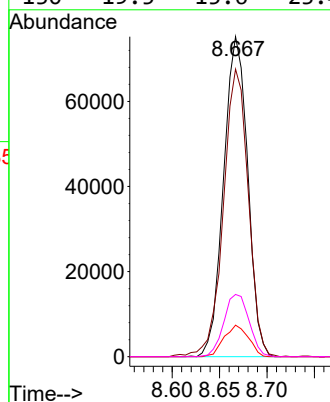
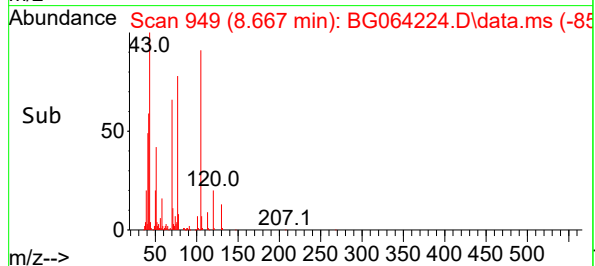
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 70 Resp: 132872  
Ion Ratio Lower Upper  
70 100  
42 89.9 67.9 101.9  
101 9.9 7.3 10.9  
130 19.5 15.6 23.4

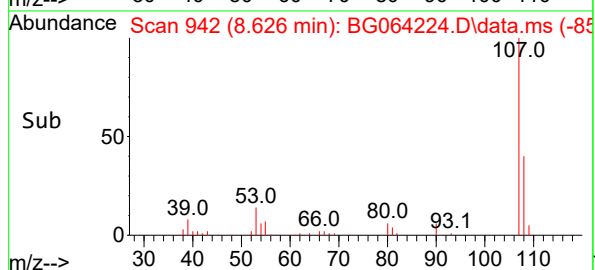
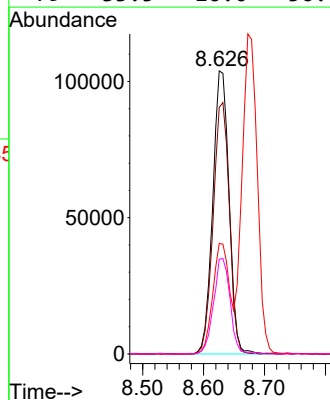
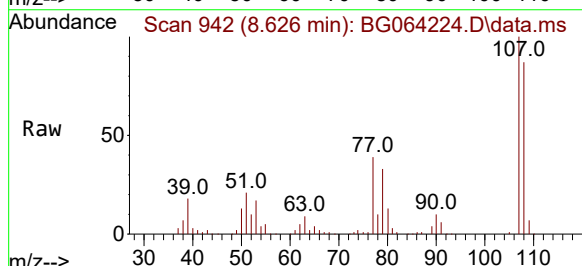
Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

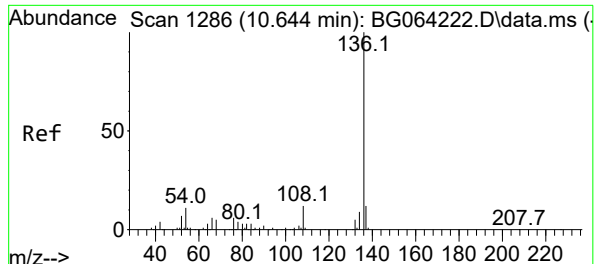


#20  
3+4-Methylphenols  
Concen: 61.332 ng  
RT: 8.626 min Scan# 942  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:107 Resp: 193119  
Ion Ratio Lower Upper  
107 100  
108 87.2 68.1 108.1  
77 39.1 15.9 55.9  
79 33.5 16.0 56.0

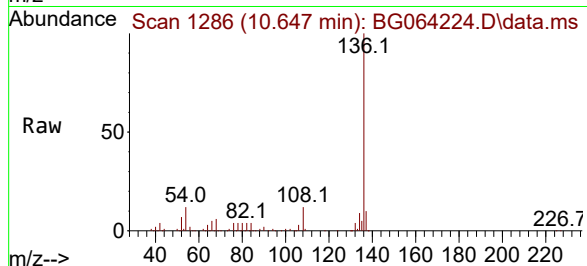






#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.647 min Scan# 1286  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

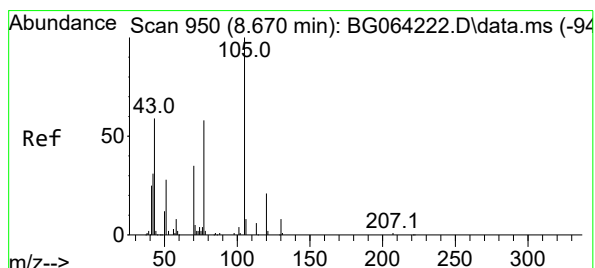
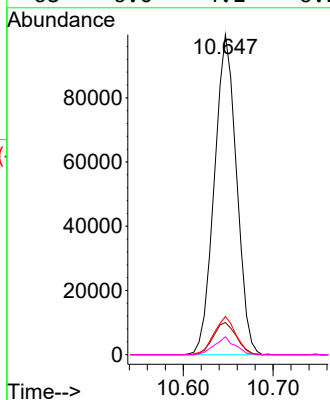
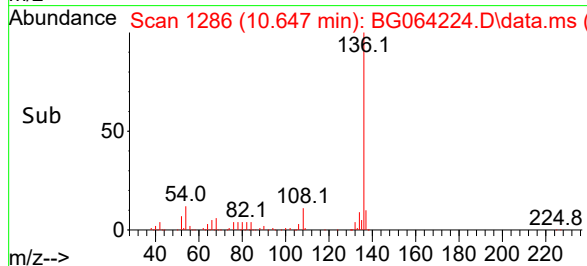
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:136 Resp: 170958  
Ion Ratio Lower Upper  
136 100  
137 10.1 9.6 14.4  
54 12.0 8.8 13.2  
68 6.0 4.1 6.1

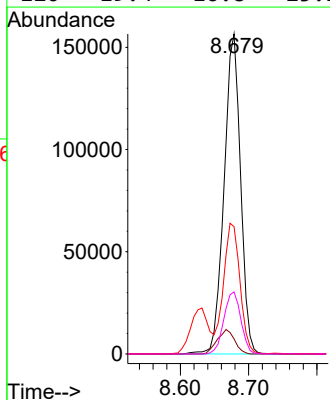
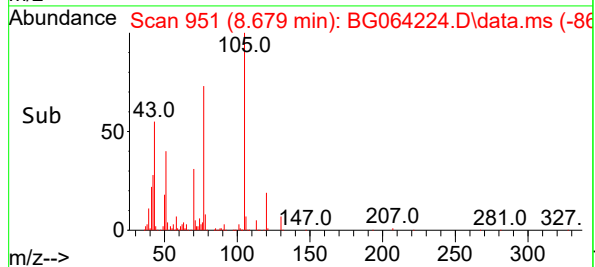
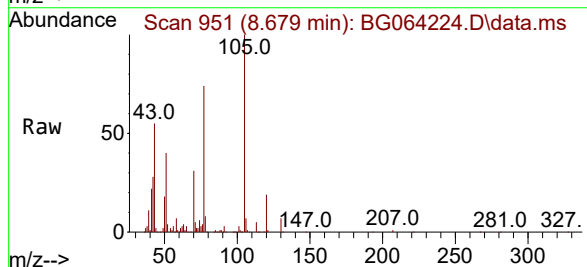
Manual Integrations  
APPROVED

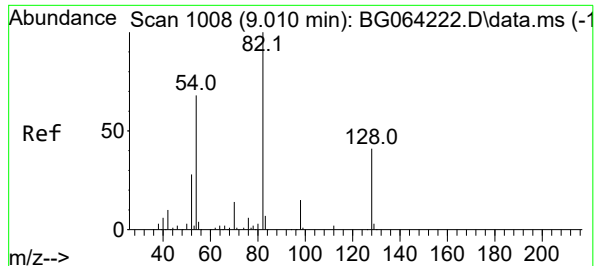
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#22  
Acetophenone  
Concen: 60.845 ng  
RT: 8.679 min Scan# 951  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

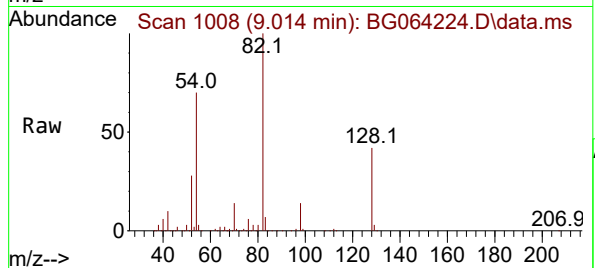
Tgt Ion:105 Resp: 263157  
Ion Ratio Lower Upper  
105 100  
71 4.7 4.3 6.5  
51 39.8 32.4 48.6  
120 19.4 16.8 25.2





#23  
Nitrobenzene-d5  
Concen: 125.810 ng  
RT: 9.014 min Scan# 1008  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

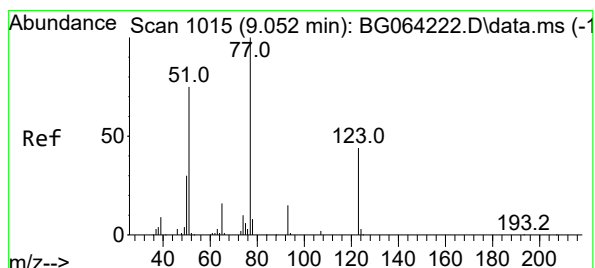
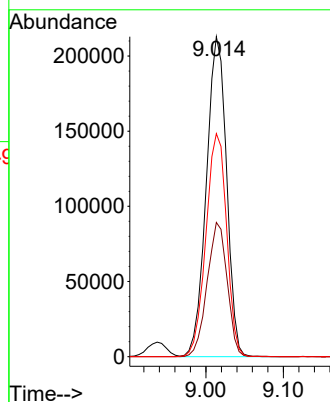
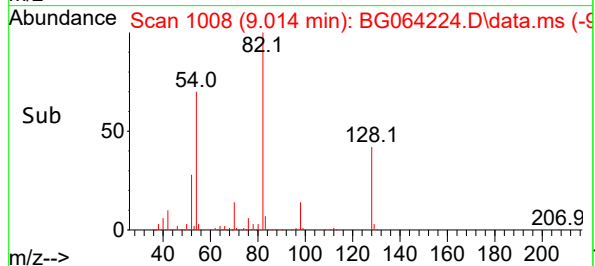
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



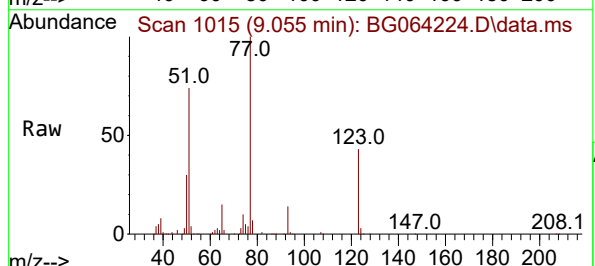
Tgt Ion: 82 Resp: 385650  
Ion Ratio Lower Upper  
82 100  
128 42.0 32.6 48.8  
54 69.7 54.7 82.1

Manual Integrations  
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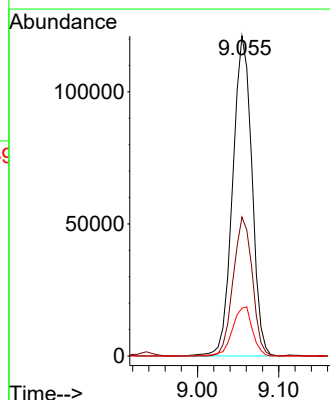
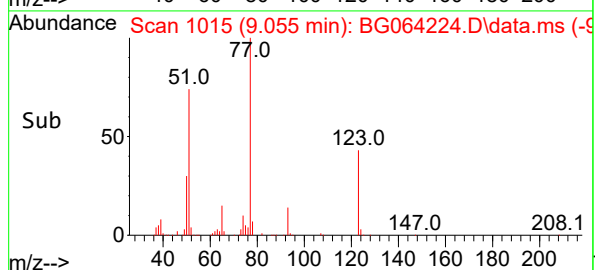
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

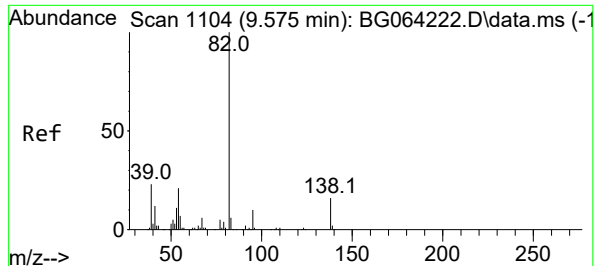


#24  
Nitrobenzene  
Concen: 61.967 ng  
RT: 9.055 min Scan# 1015  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35



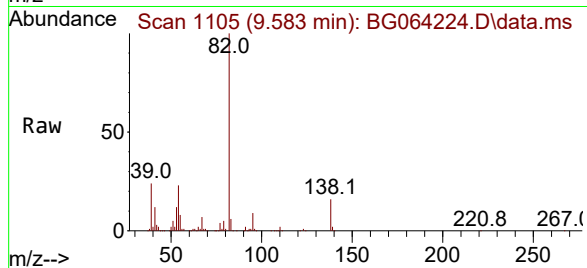
Tgt Ion: 77 Resp: 198465  
Ion Ratio Lower Upper  
77 100  
123 43.4 35.2 52.8  
65 14.9 12.6 19.0





#25  
Isophorone  
Concen: 60.683 ng  
RT: 9.583 min Scan# 1105  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

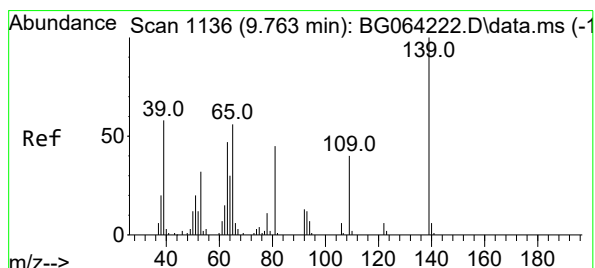
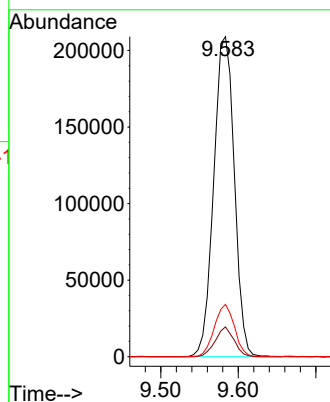
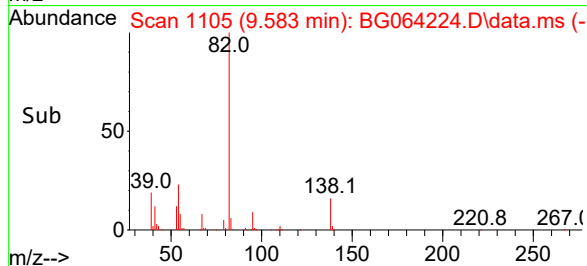
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion: 82 Resp: 386602  
Ion Ratio Lower Upper  
82 100  
95 9.3 7.9 11.9  
138 16.3 13.0 19.4

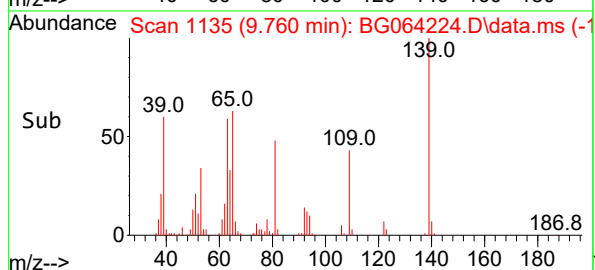
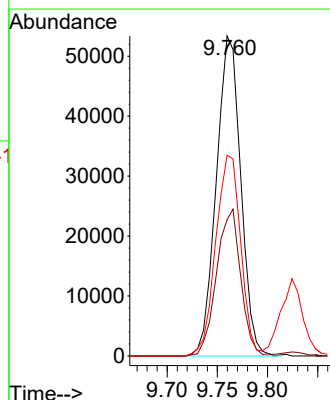
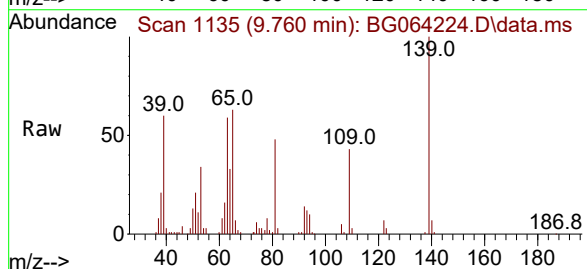
Manual Integrations  
APPROVED

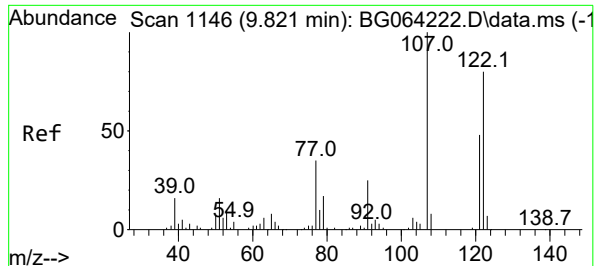
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#26  
2-Nitrophenol  
Concen: 65.298 ng  
RT: 9.760 min Scan# 1135  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:139 Resp: 90366  
Ion Ratio Lower Upper  
139 100  
109 42.6 32.4 48.6  
65 62.7 44.6 67.0





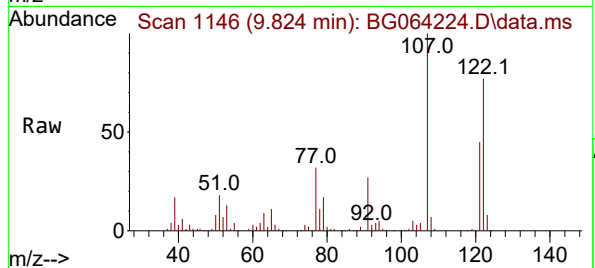
#27  
2,4-Dimethylphenol  
Concen: 61.449 ng  
RT: 9.824 min Scan# 1146  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

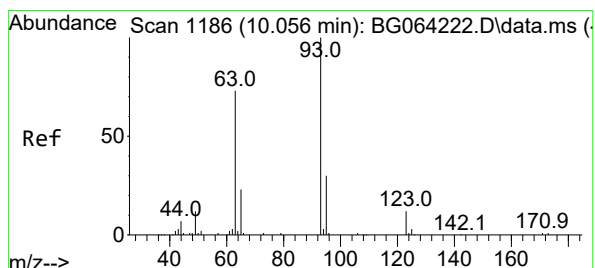
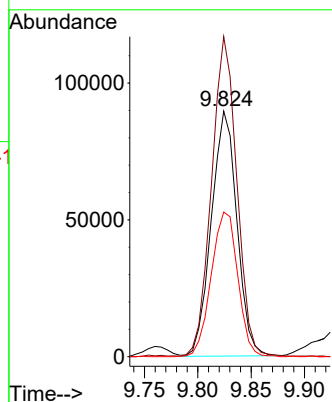
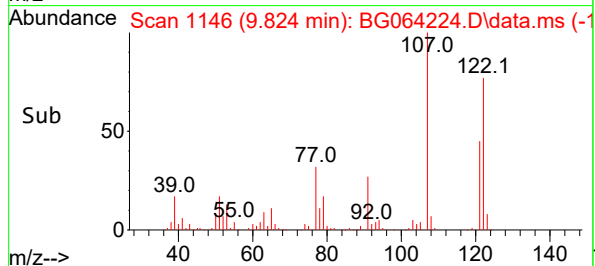


Tgt Ion:122 Resp: 149302  
Ion Ratio Lower Upper  
122 100  
107 130.3 99.9 149.9  
121 58.9 48.6 72.8

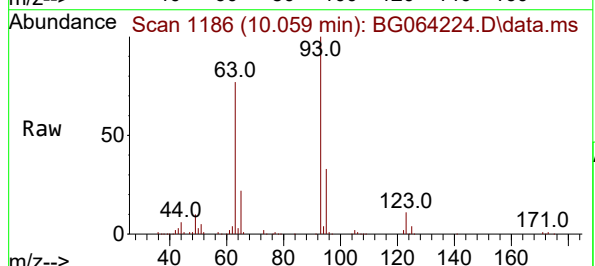
Manual Integrations

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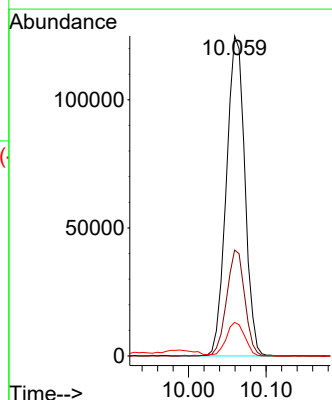
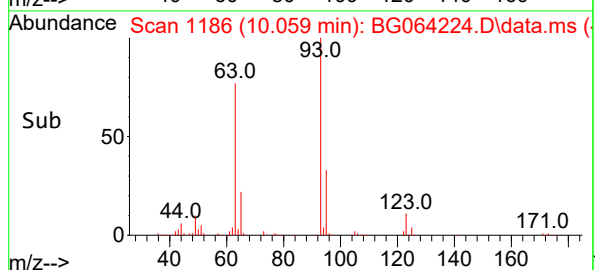
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

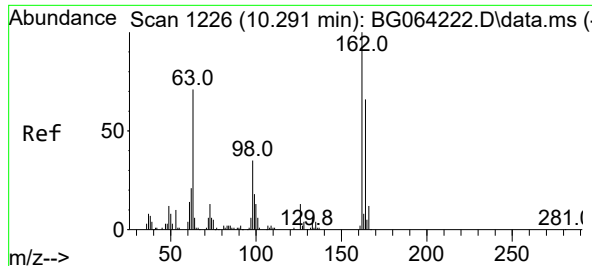


#28  
bis(2-Chloroethoxy)methane  
Concen: 60.350 ng  
RT: 10.059 min Scan# 1186  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35



Tgt Ion: 93 Resp: 207316  
Ion Ratio Lower Upper  
93 100  
95 33.1 23.9 35.9  
123 10.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 62.224 ng

RT: 10.294 min Scan# 1226

Delta R.T. -0.003 min

Lab File: BG064224.D

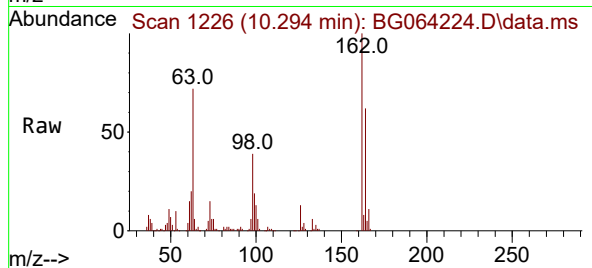
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDIC060



Tgt Ion:162 Resp: 159519

Ion Ratio Lower Upper

162 100

164 62.0 45.8 85.8

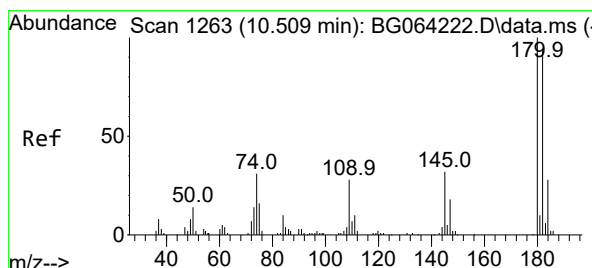
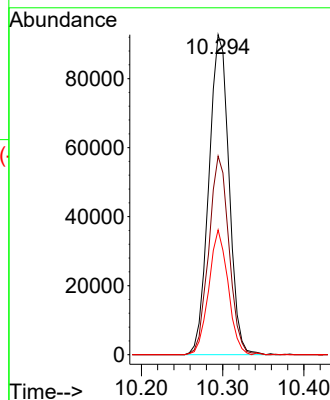
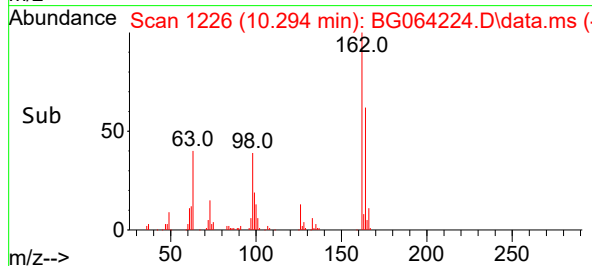
98 39.0 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 60.163 ng

RT: 10.512 min Scan# 1263

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

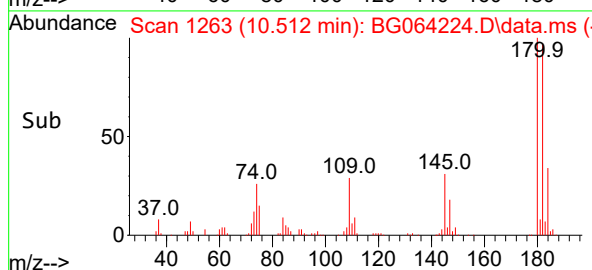
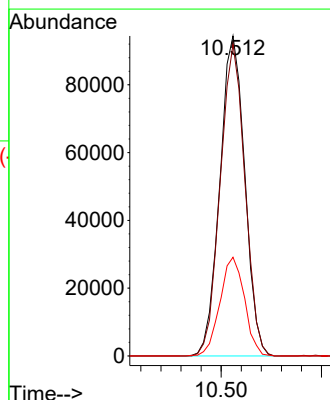
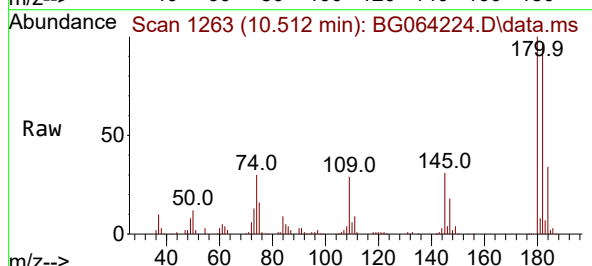
Tgt Ion:180 Resp: 162624

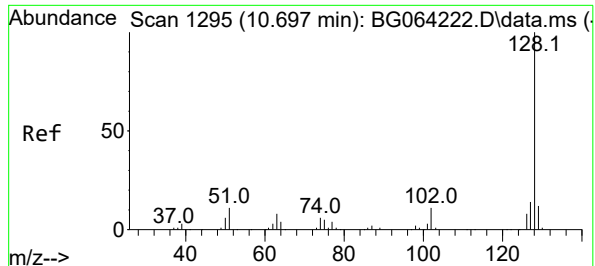
Ion Ratio Lower Upper

180 100

182 97.4 75.0 112.6

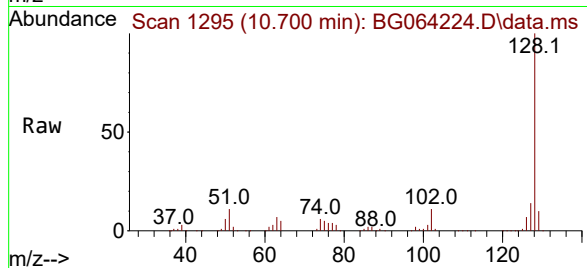
145 30.8 25.4 38.0





#31  
Naphthalene  
Concen: 60.212 ng  
RT: 10.700 min Scan# 1175  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

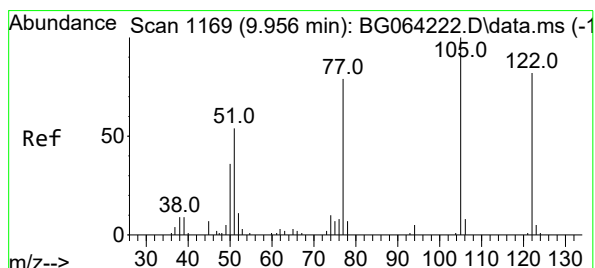
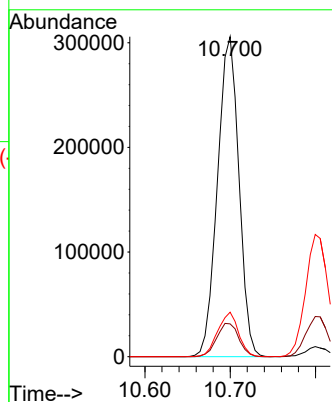
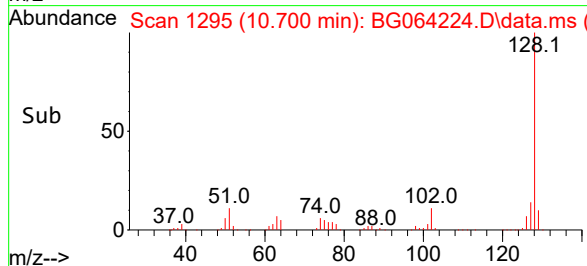
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:128 Resp: 53378  
Ion Ratio Lower Upper  
128 100  
129 10.2 9.4 14.2  
127 13.9 10.9 16.3

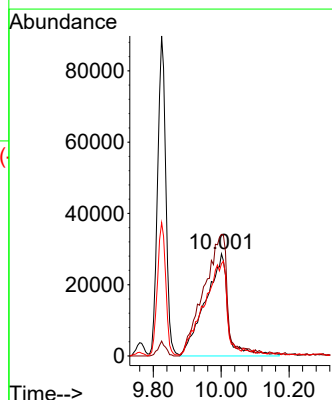
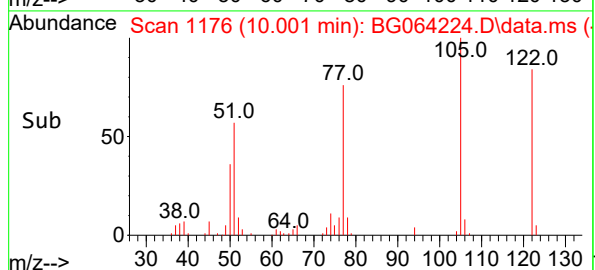
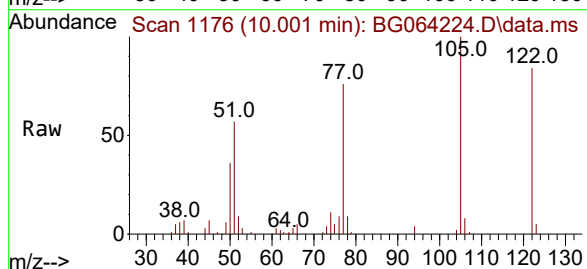
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APPROVED

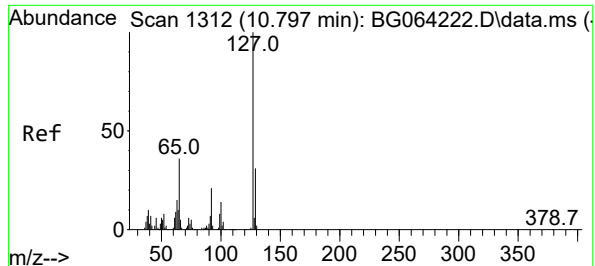
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#32  
Benzoic acid  
Concen: 68.994 ng m  
RT: 10.001 min Scan# 1176  
Delta R.T. -0.015 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

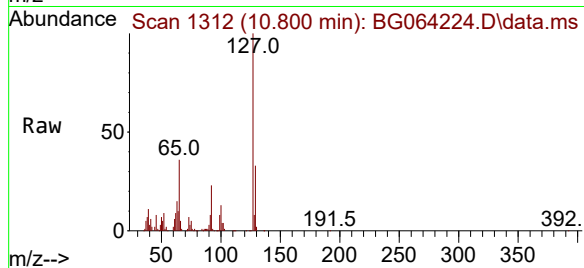
Tgt Ion:122 Resp: 133067  
Ion Ratio Lower Upper  
122 100  
105 119.2 98.5 138.5  
77 90.2 74.6 114.6





#33  
4-Chloroaniline  
Concen: 62.554 ng  
RT: 10.800 min Scan# 1312  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

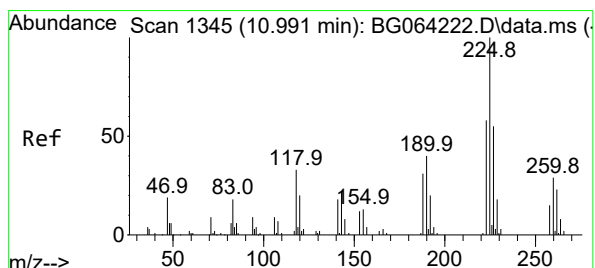
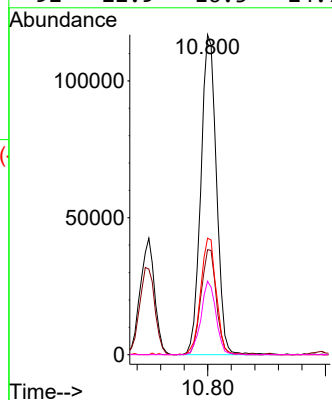
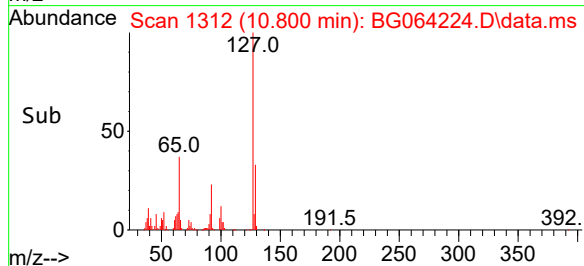
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



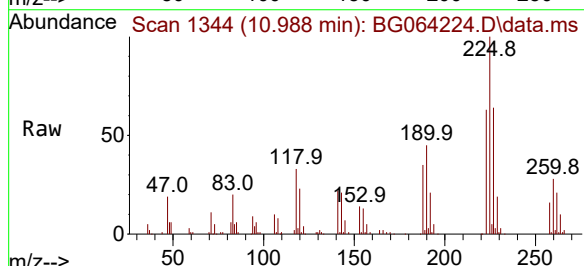
Tgt Ion:127 Resp: 21493  
Ion Ratio Lower Upper  
127 100  
129 32.8 25.0 37.4  
65 36.4 28.7 43.1  
92 22.9 16.5 24.7

Manual Integrations  
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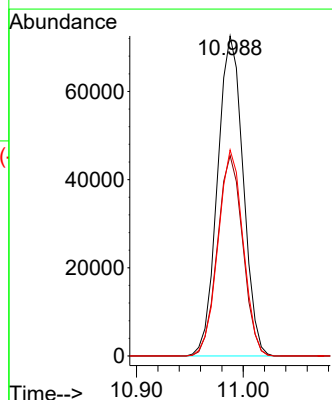
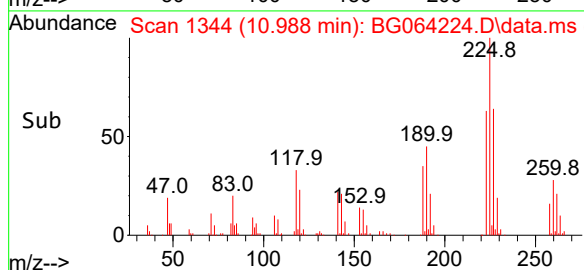
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

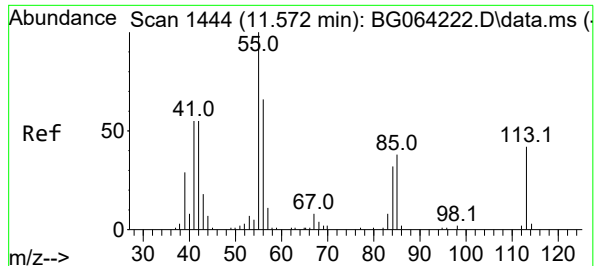


#34  
Hexachlorobutadiene  
Concen: 60.569 ng  
RT: 10.988 min Scan# 1344  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35



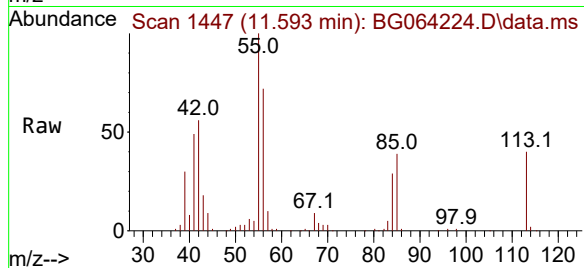
Tgt Ion:225 Resp: 121022  
Ion Ratio Lower Upper  
225 100  
223 62.6 46.5 69.7  
227 64.4 44.1 66.1





#35  
Caprolactam  
Concen: 58.831 ng  
RT: 11.593 min Scan# 1447  
Delta R.T. -0.009 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

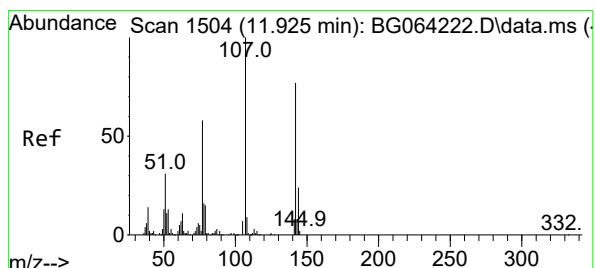
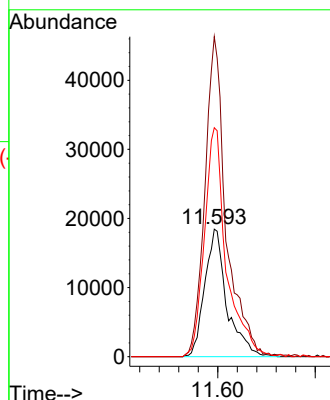
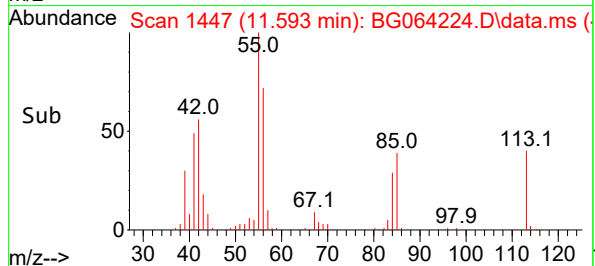
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:113 Resp: 58395  
Ion Ratio Lower Upper  
113 100  
55 251.0 218.5 258.5  
56 179.6 138.5 178.5

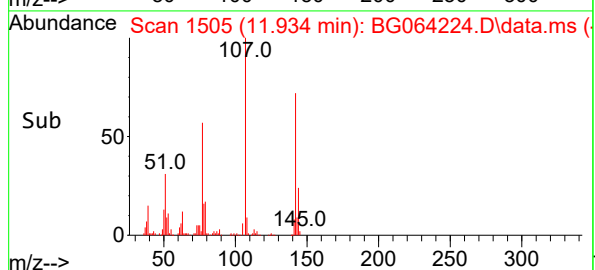
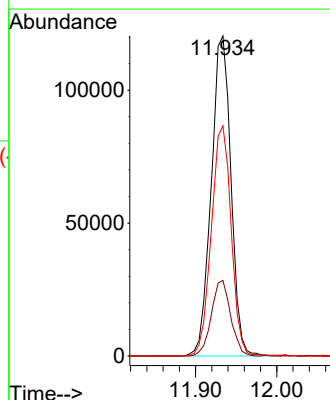
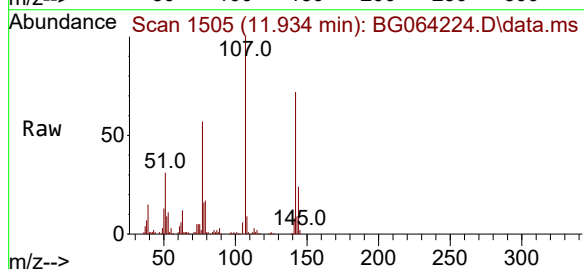
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

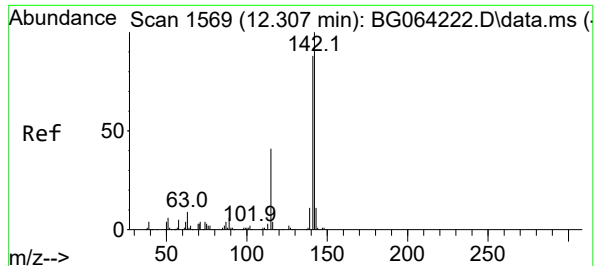


#36  
4-Chloro-3-methylphenol  
Concen: 60.999 ng  
RT: 11.934 min Scan# 1505  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:107 Resp: 202895  
Ion Ratio Lower Upper  
107 100  
144 23.6 19.5 29.3  
142 71.9 62.0 93.0

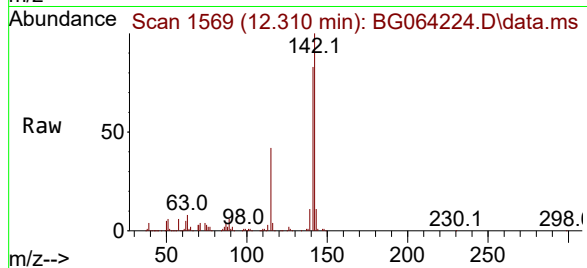






#37  
2-Methylnaphthalene  
Concen: 60.074 ng  
RT: 12.310 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

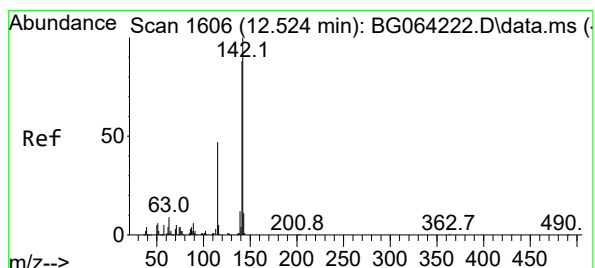
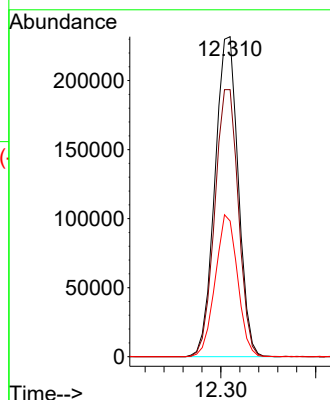
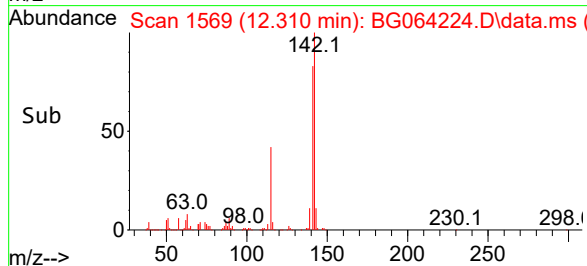
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:142 Resp: 395854  
Ion Ratio Lower Upper  
142 100  
141 83.4 70.1 105.1  
115 42.4 33.1 49.7

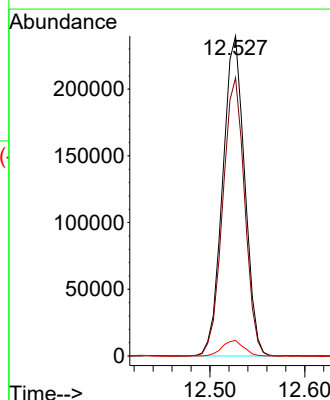
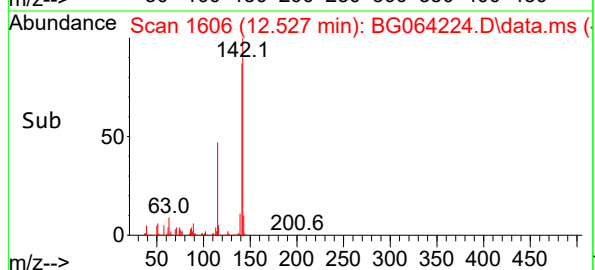
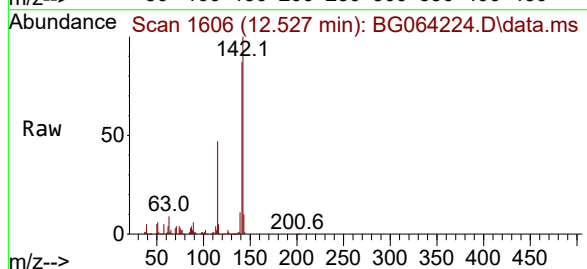
Manual Integrations  
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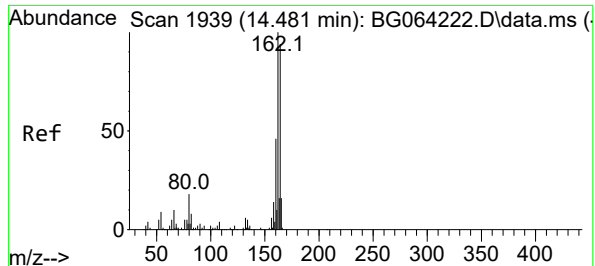
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#38  
1-Methylnaphthalene  
Concen: 59.349 ng  
RT: 12.527 min Scan# 1606  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:142 Resp: 386279  
Ion Ratio Lower Upper  
142 100  
141 87.0 70.3 105.5  
116 4.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.484 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:164 Resp: 119119

Ion Ratio Lower Upper

164 100

162 106.7 85.4 128.0

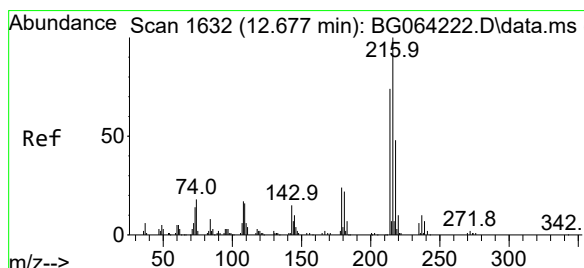
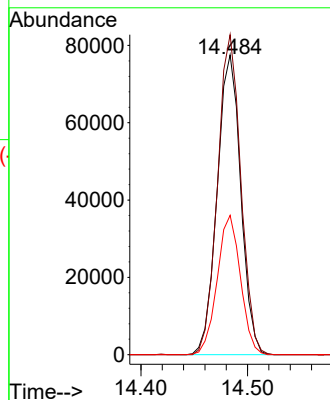
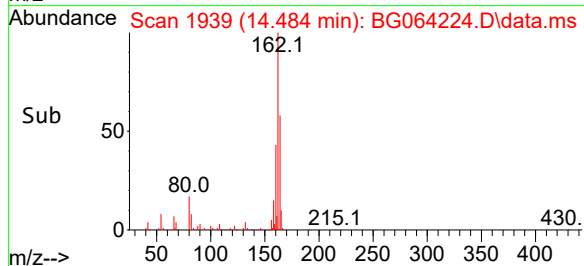
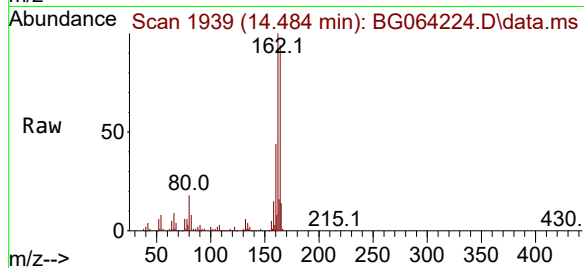
160 46.5 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.558 ng

RT: 12.674 min Scan# 1631

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Tgt Ion:216 Resp: 211572

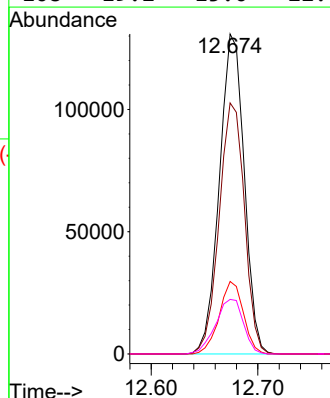
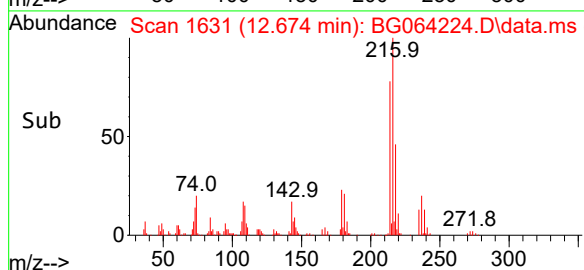
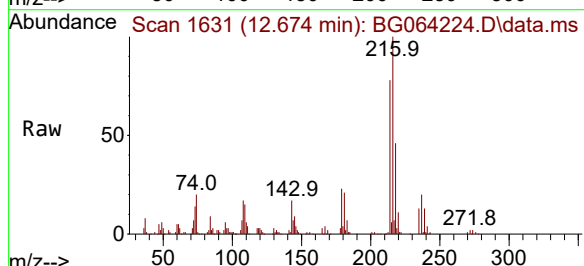
Ion Ratio Lower Upper

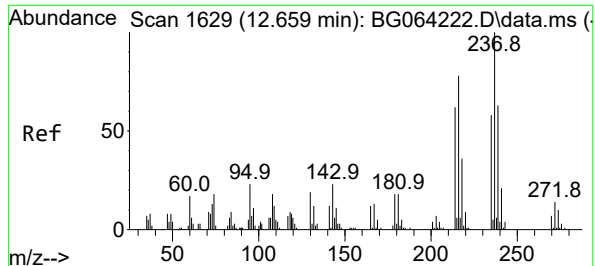
216 100

214 79.7 61.9 92.9

179 22.0 17.9 26.9

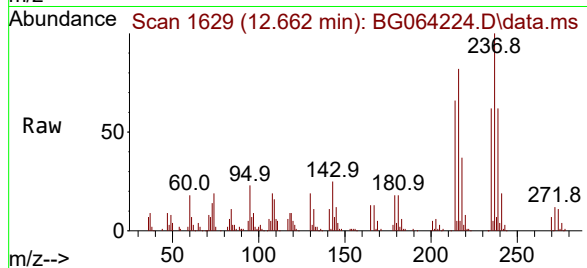
108 19.2 15.0 22.4





#41  
Hexachlorocyclopentadiene  
Concen: 67.263 ng  
RT: 12.662 min Scan# 1629  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

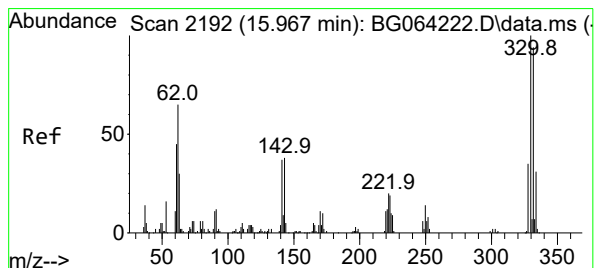
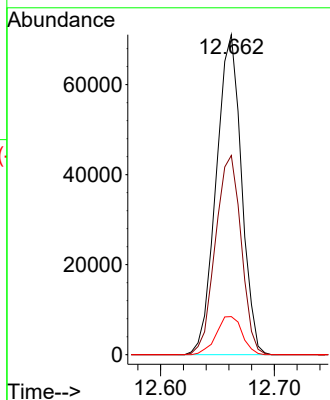
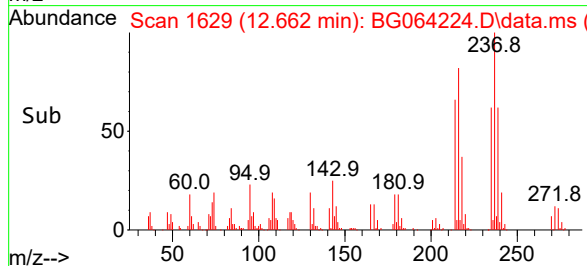
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:237 Resp: 10987  
Ion Ratio Lower Upper  
237 100  
235 62.2 37.9 77.9  
272 11.9 0.0 33.8

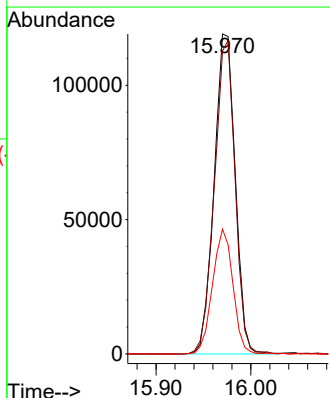
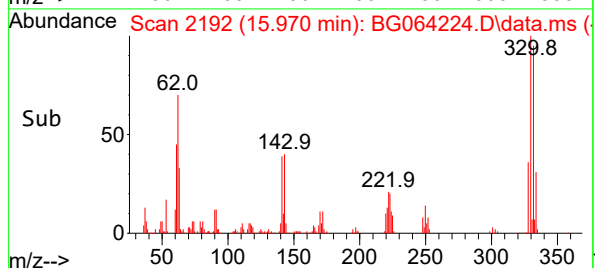
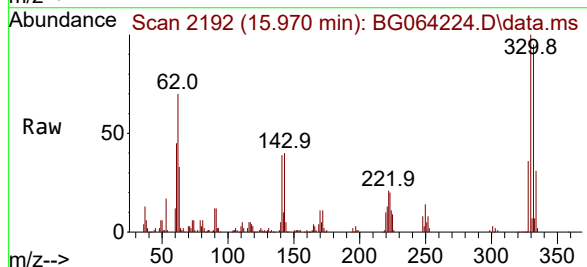
Manual Integrations  
APPROVED

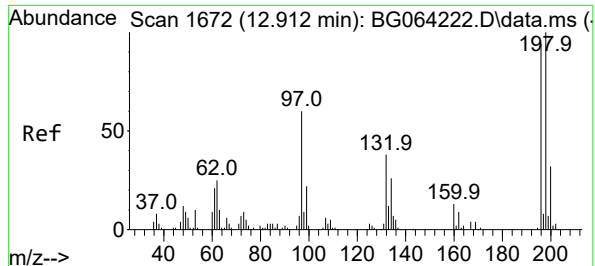
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#42  
2,4,6-Tribromophenol  
Concen: 116.471 ng  
RT: 15.970 min Scan# 2192  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

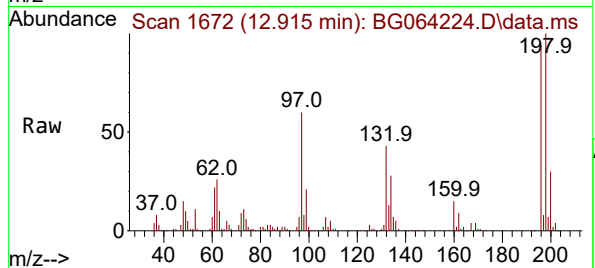
Tgt Ion:330 Resp: 183766  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.6 116.4  
141 37.8 29.8 44.6





#43  
2,4,6-Trichlorophenol  
Concen: 62.098 ng  
RT: 12.915 min Scan# 1672  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

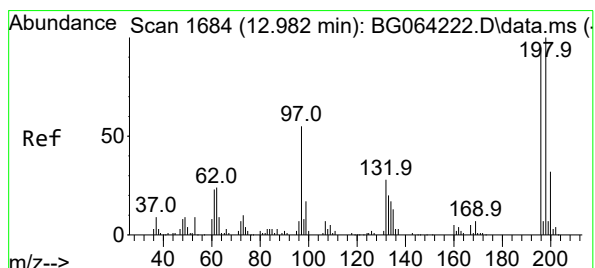
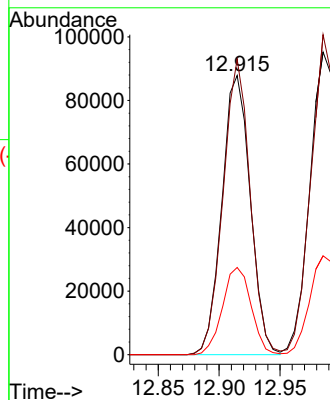
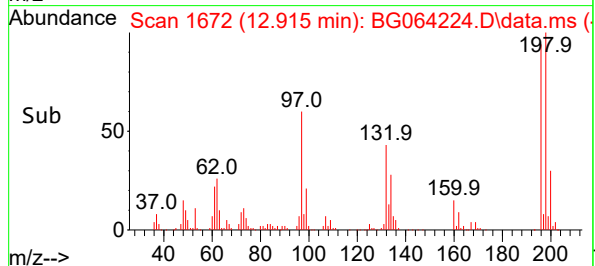
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:196 Resp: 14265  
Ion Ratio Lower Upper  
196 100  
198 105.8 85.4 128.2  
200 31.3 27.3 40.9

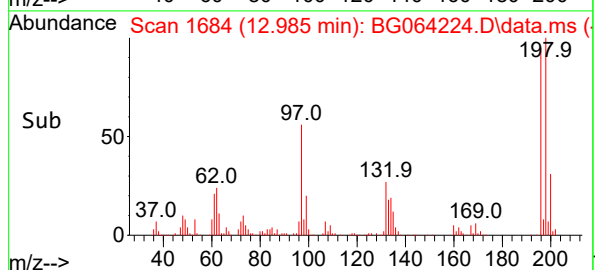
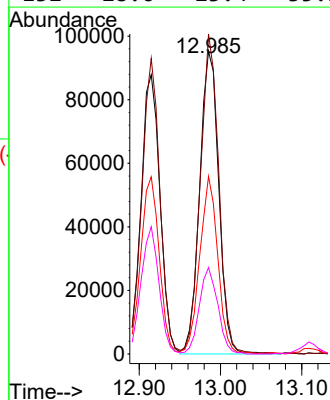
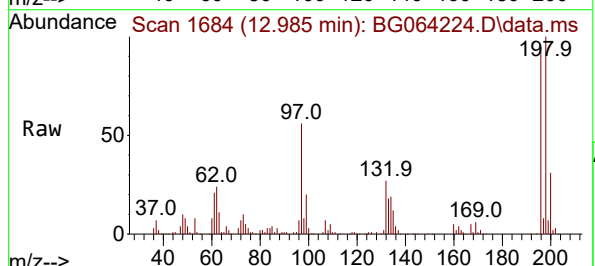
Manual Integrations  
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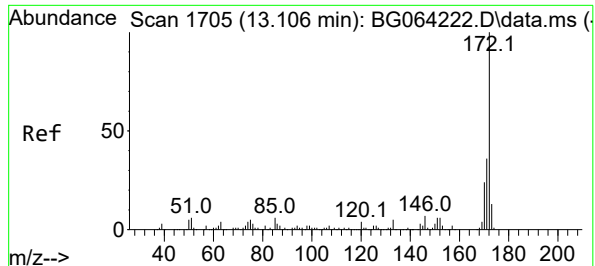
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#44  
2,4,5-Trichlorophenol  
Concen: 62.618 ng  
RT: 12.985 min Scan# 1684  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

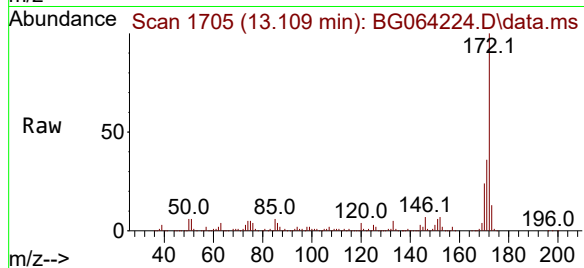
Tgt Ion:196 Resp: 156040  
Ion Ratio Lower Upper  
196 100  
198 105.7 84.5 126.7  
97 58.7 46.8 70.2  
132 28.6 23.4 35.2





#45  
2-Fluorobiphenyl  
Concen: 119.418 ng  
RT: 13.109 min Scan# 1705  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

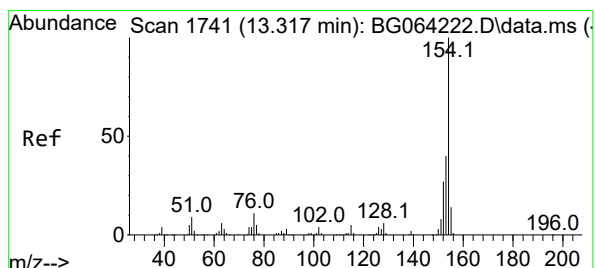
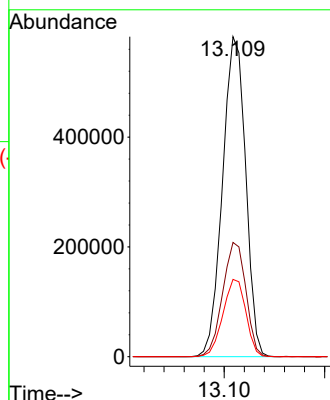
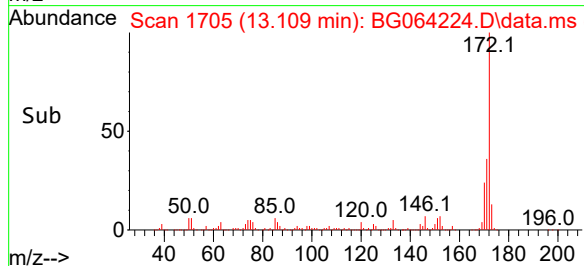
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:172 Resp: 931958  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.7 43.1  
170 24.1 19.0 28.6

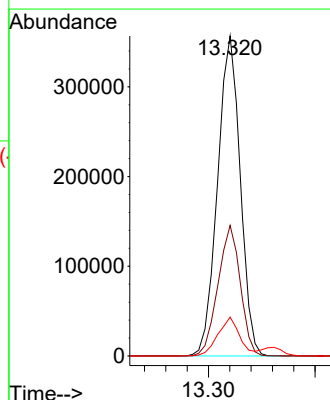
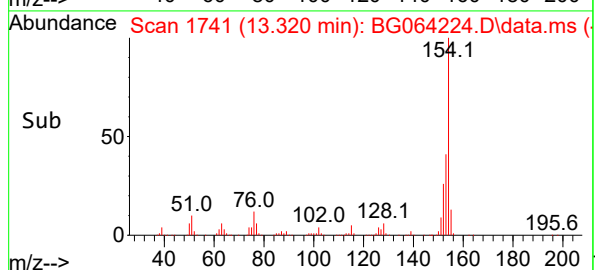
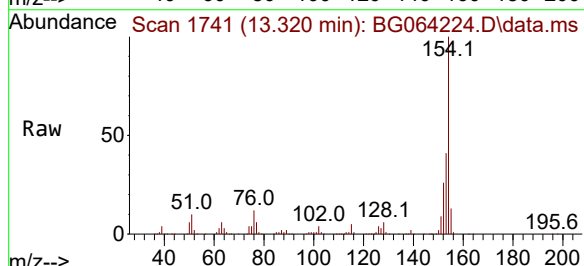
Manual Integrations  
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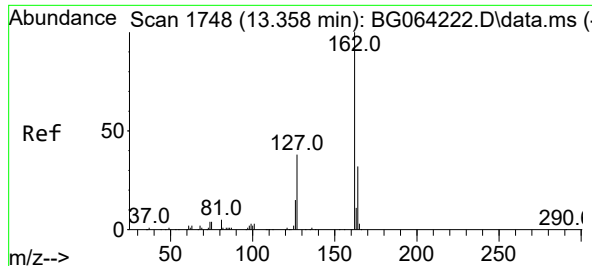
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#46  
1,1'-Biphenyl  
Concen: 60.603 ng  
RT: 13.320 min Scan# 1741  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:154 Resp: 525792  
Ion Ratio Lower Upper  
154 100  
153 40.8 19.9 59.9  
76 12.2 0.0 30.9





#47

2-Chloronaphthalene

Concen: 61.178 ng

RT: 13.361 min Scan# 1748

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 399038

Ion Ratio Lower Upper

162 100

127 45.4 33.9 50.9

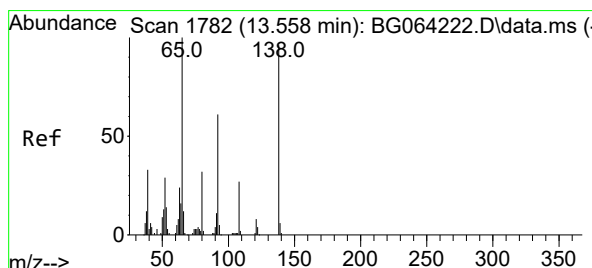
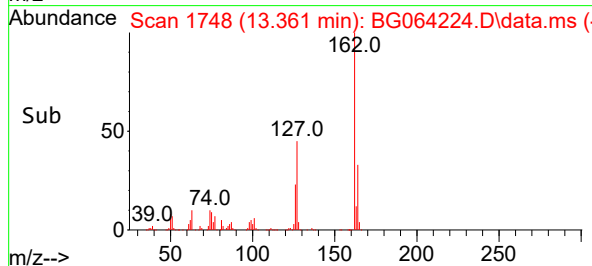
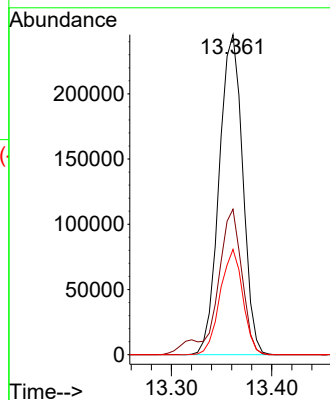
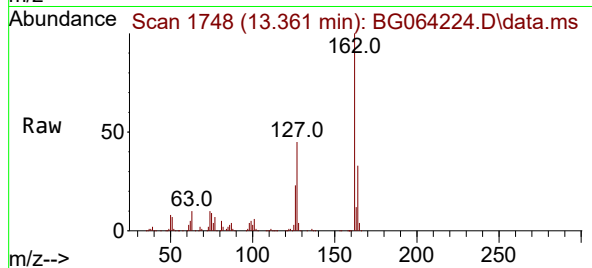
164 32.9 25.4 38.2

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#48

2-Nitroaniline

Concen: 65.561 ng

RT: 13.561 min Scan# 1782

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

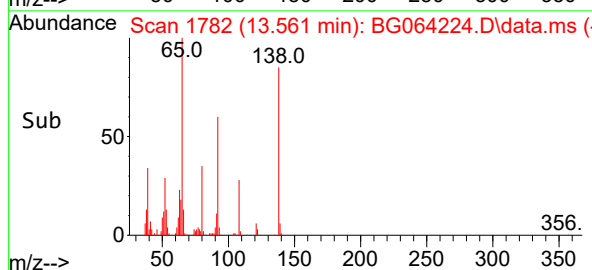
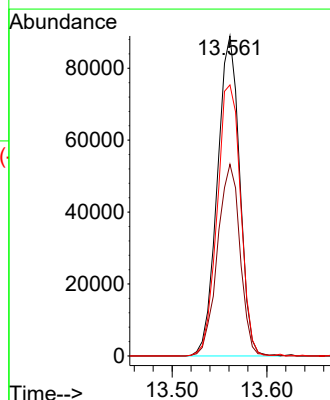
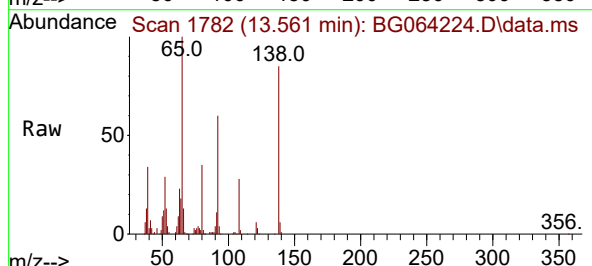
Tgt Ion: 65 Resp: 145751

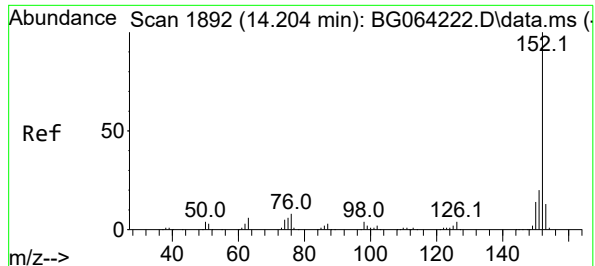
Ion Ratio Lower Upper

65 100

92 59.9 49.2 73.8

138 84.7 76.8 115.2





#49

Acenaphthylene

Concen: 59.674 ng

RT: 14.207 min Scan# 1892

Delta R.T. 0.003 min

Lab File: BG064224.D

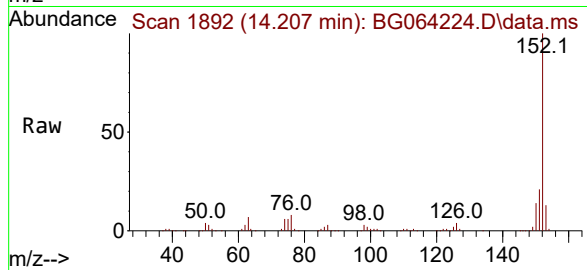
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



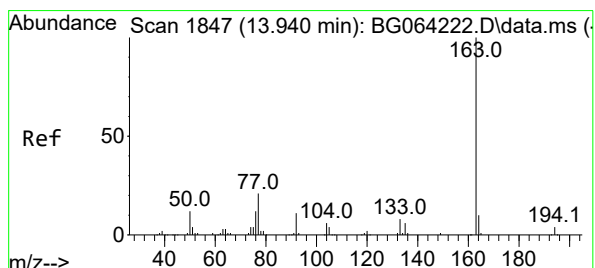
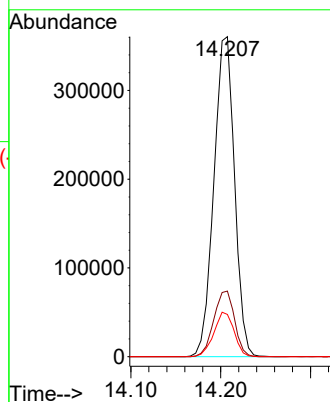
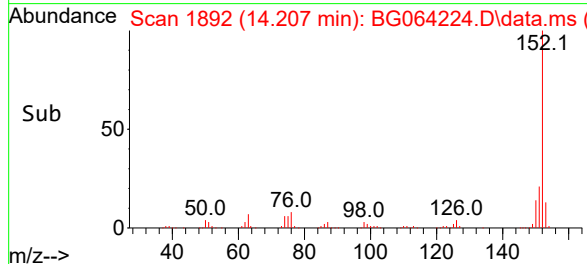
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 575370 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.5  | 16.2  | 24.2   |
| 153       | 13.2  | 10.1  | 15.1   |

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

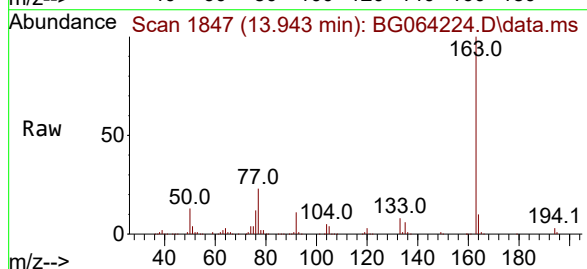
Concen: 57.300 ng

RT: 13.943 min Scan# 1847

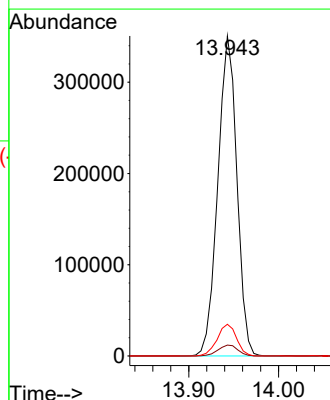
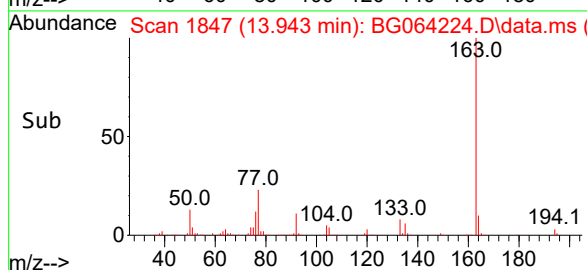
Delta R.T. -0.003 min

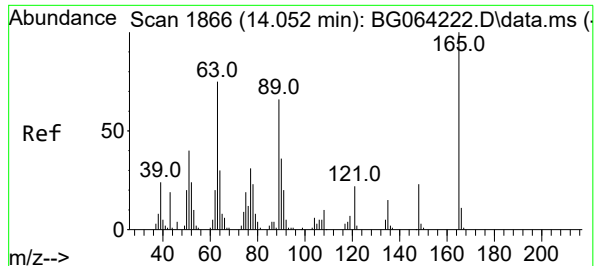
Lab File: BG064224.D

Acq: 28 Aug 2025 15:35



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 516639 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.4   | 3.0   | 4.4    |
| 164       | 9.9   | 7.9   | 11.9   |





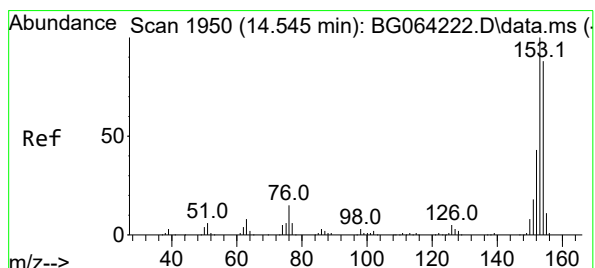
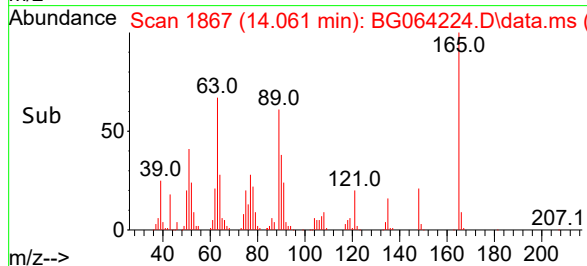
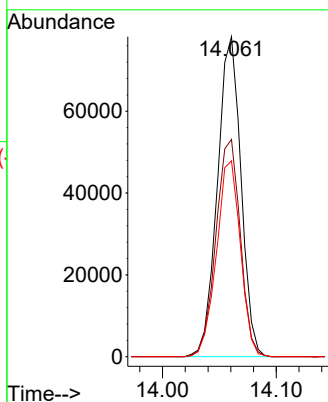
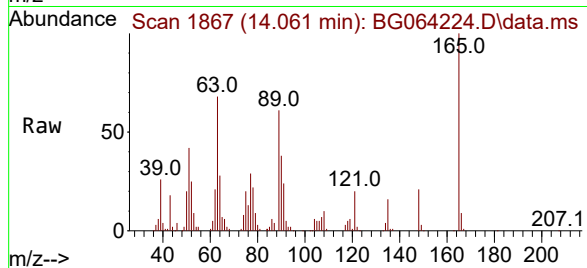
#51  
2,6-Dinitrotoluene  
Concen: 64.535 ng  
RT: 14.061 min Scan# 1866  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

Tgt Ion:165 Resp: 11264  
Ion Ratio Lower Upper  
165 100  
63 67.9 60.3 90.5  
89 61.2 52.9 79.3

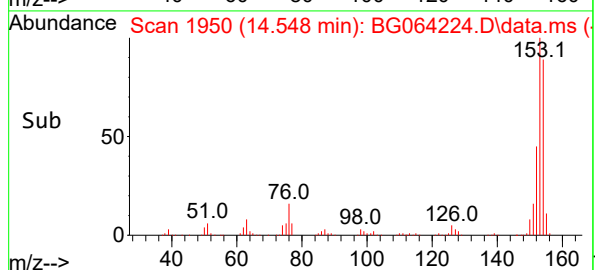
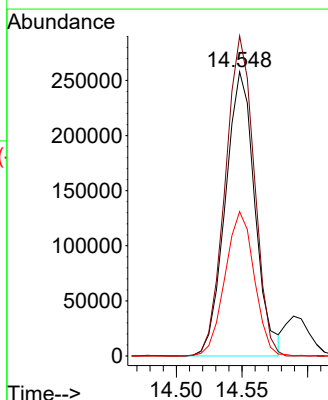
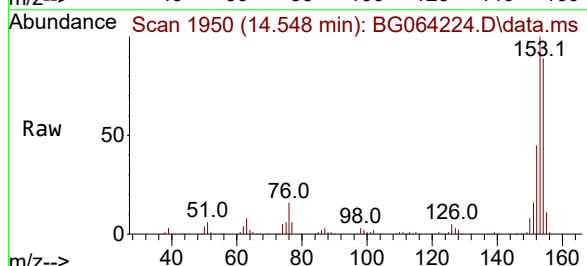
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

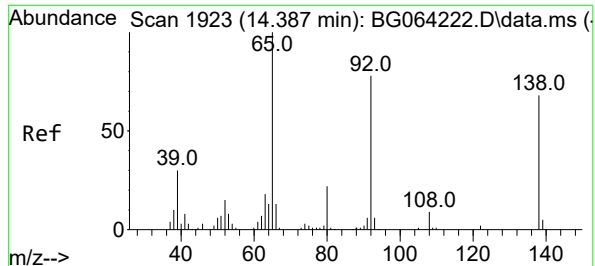


#52  
Acenaphthene  
Concen: 59.453 ng  
RT: 14.548 min Scan# 1950  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:154 Resp: 404535  
Ion Ratio Lower Upper  
154 100  
153 112.6 91.1 136.7  
152 50.8 39.6 59.4

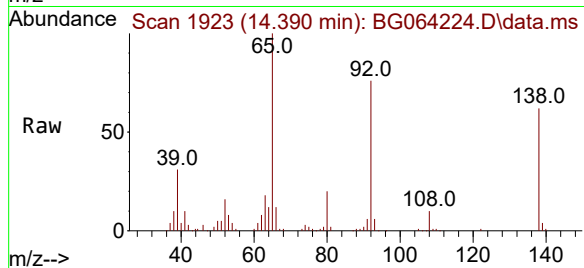






#53  
3-Nitroaniline  
Concen: 62.898 ng  
RT: 14.390 min Scan# 1923  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

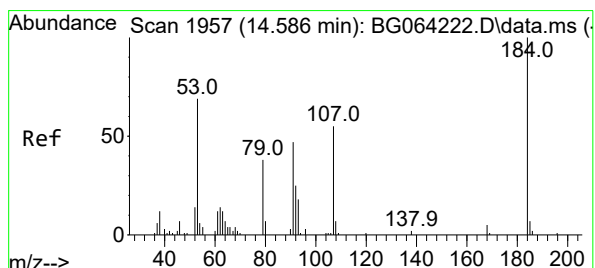
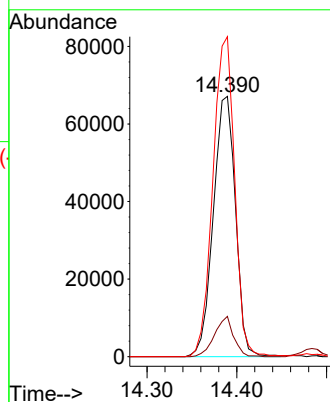
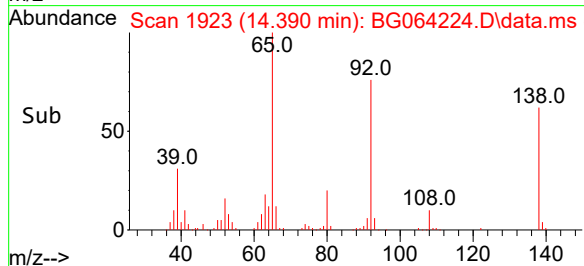
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



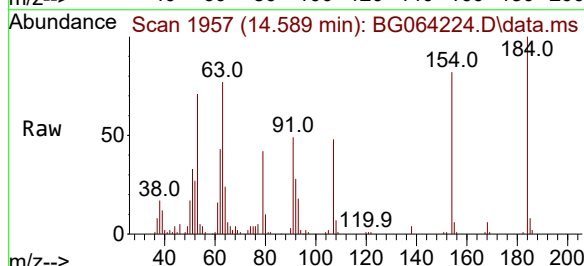
Tgt Ion:138 Resp: 115002  
Ion Ratio Lower Upper  
138 100  
108 15.5 11.0 16.6  
92 122.9 91.4 137.0

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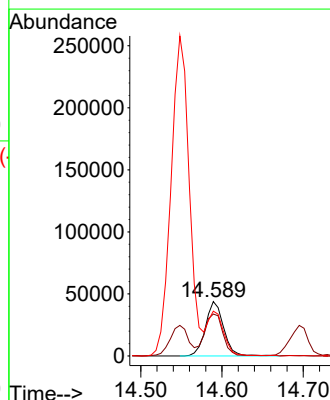
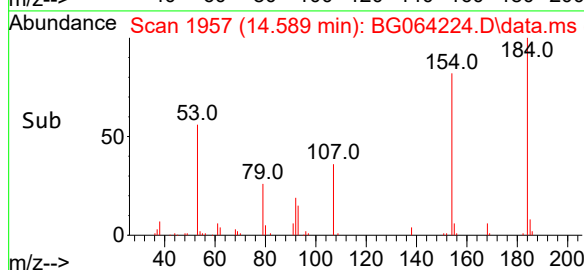
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

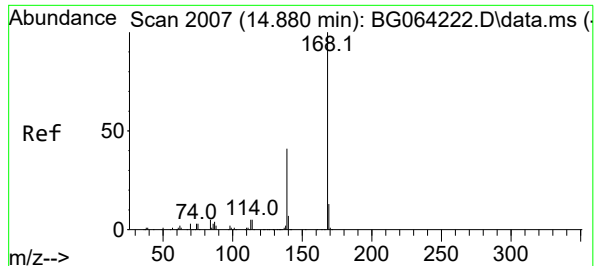


#54  
2,4-Dinitrophenol  
Concen: 60.959 ng  
RT: 14.589 min Scan# 1957  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35



Tgt Ion:184 Resp: 67869  
Ion Ratio Lower Upper  
184 100  
63 76.9 60.1 90.1  
154 82.3 59.8 89.8





#55

Dibenzenofuran

Concen: 58.552 ng

RT: 14.883 min Scan# 2007

Delta R.T. 0.003 min

Lab File: BG064224.D

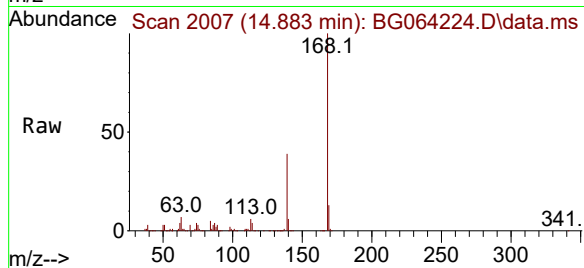
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



Tgt Ion:168 Resp: 62666

Ion Ratio Lower Upper

168 100

139 39.2 33.2 49.8

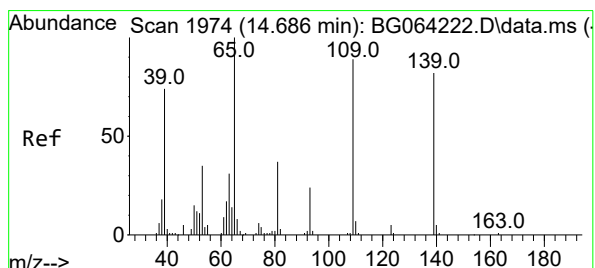
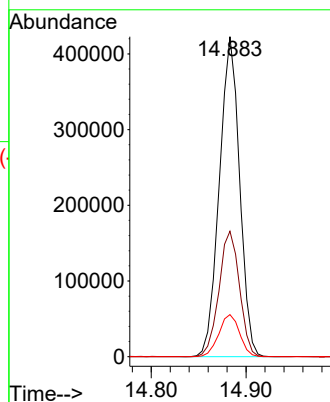
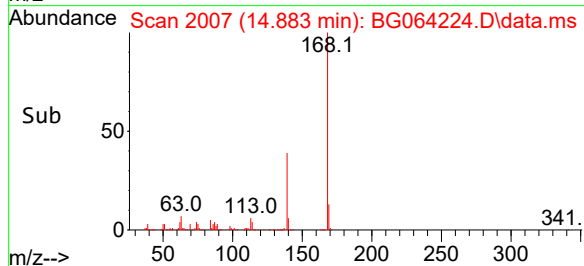
169 13.1 10.4 15.6

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#56

4-Nitrophenol

Concen: 60.719 ng

RT: 14.695 min Scan# 1975

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

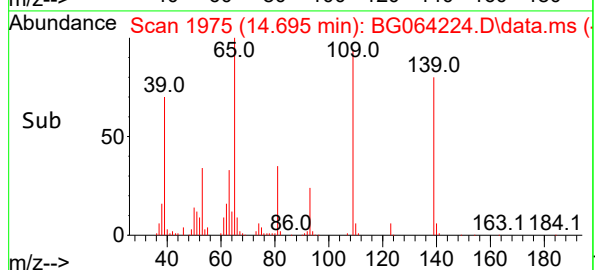
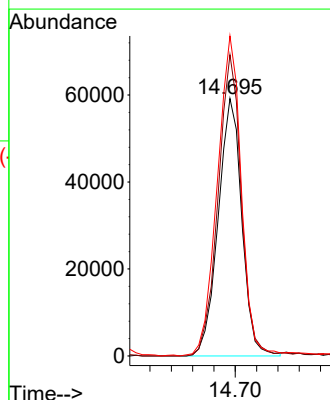
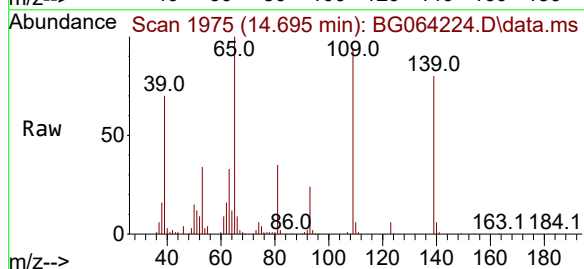
Tgt Ion:139 Resp: 91069

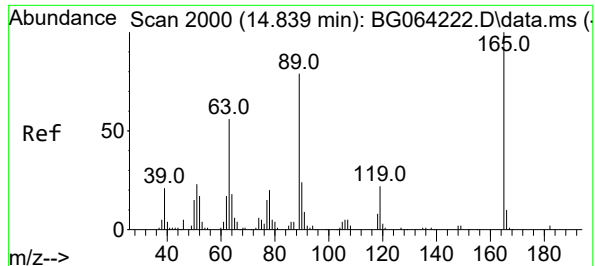
Ion Ratio Lower Upper

139 100

109 117.0 89.1 129.1

65 124.3 102.9 142.9





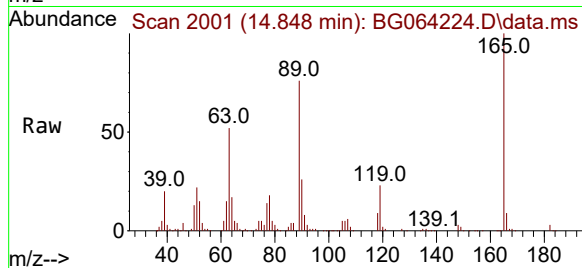
#57  
2,4-Dinitrotoluene  
Concen: 61.902 ng  
RT: 14.848 min Scan# 2000  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

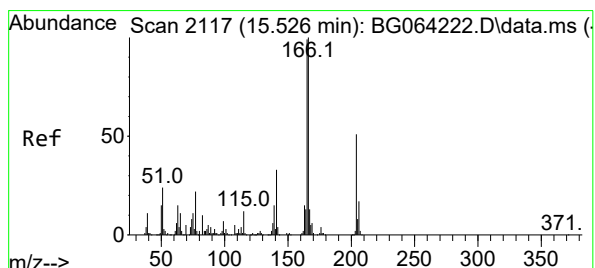
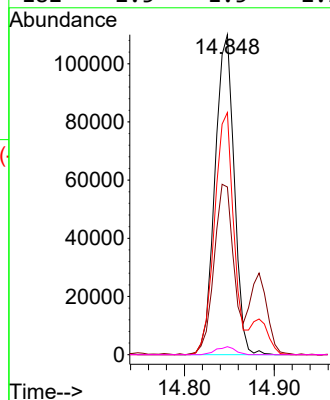
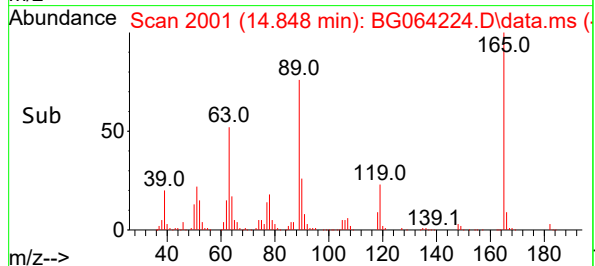


Tgt Ion:165 Resp: 163372  
Ion Ratio Lower Upper  
165 100  
63 52.4 44.6 67.0  
89 75.6 63.0 94.4  
182 2.5 1.5 2.3#

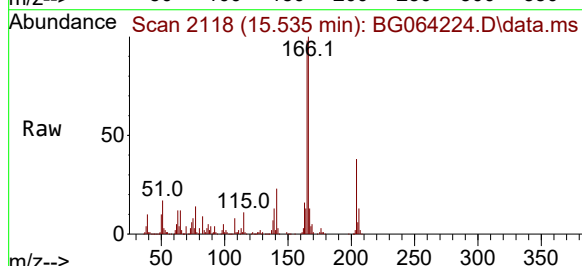
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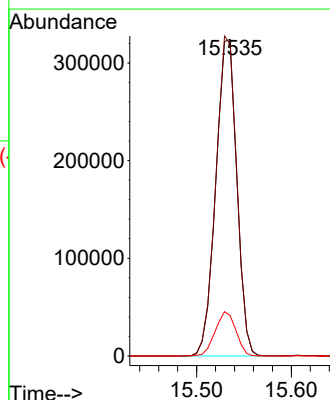
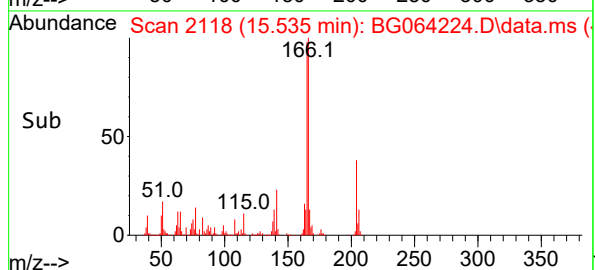
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

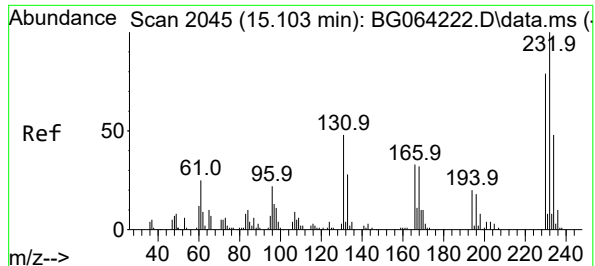


#58  
Fluorene  
Concen: 56.968 ng  
RT: 15.535 min Scan# 2118  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35



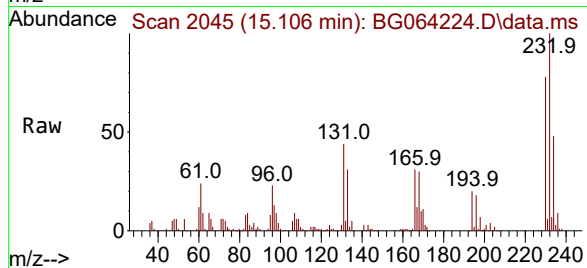
Tgt Ion:166 Resp: 499733  
Ion Ratio Lower Upper  
166 100  
165 98.4 79.1 118.7  
167 12.8 10.2 15.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 60.205 ng  
RT: 15.106 min Scan# 2045  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

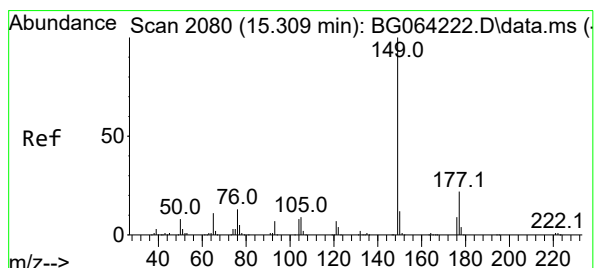
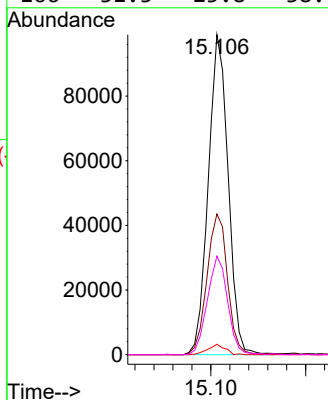
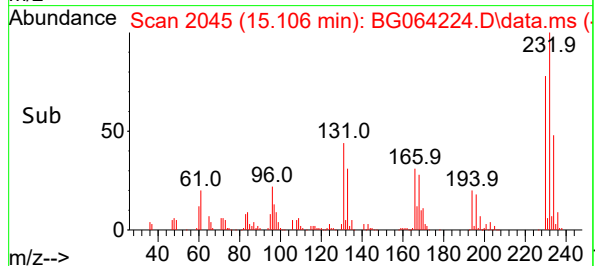
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:232 Resp: 14429  
Ion Ratio Lower Upper  
232 100  
131 45.2 37.1 55.7  
130 2.8 2.6 3.8  
166 31.3 25.8 38.6

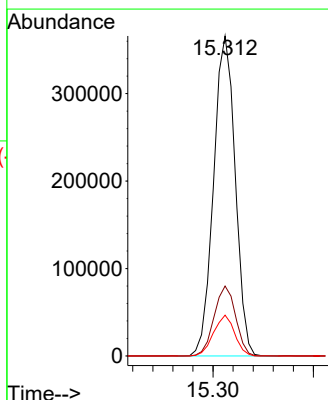
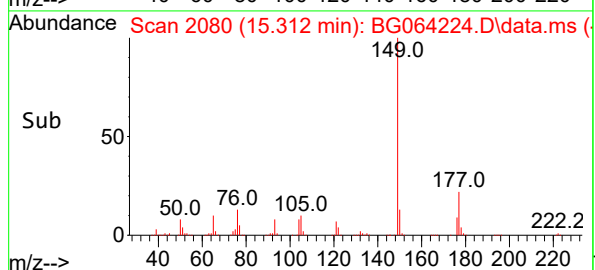
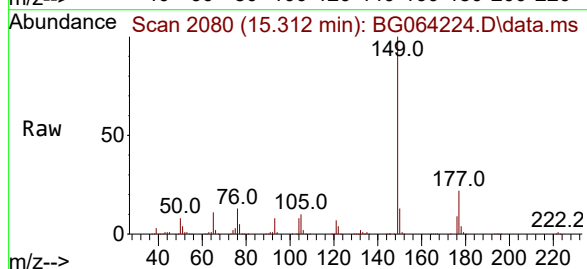
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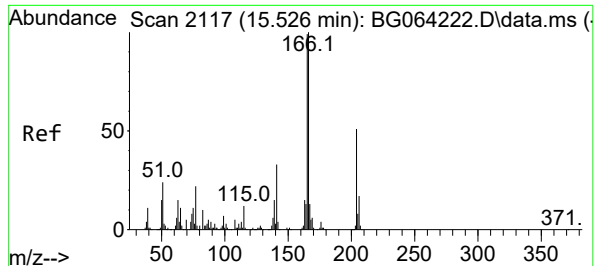
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#60  
Diethylphthalate  
Concen: 56.652 ng  
RT: 15.312 min Scan# 2080  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

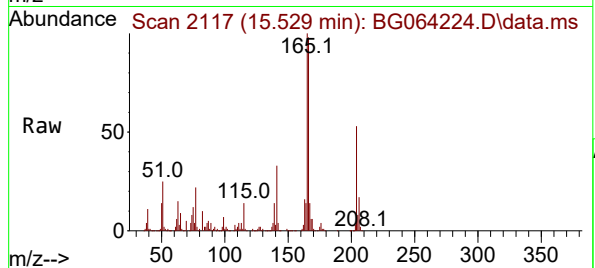
Tgt Ion:149 Resp: 546656  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.5 26.3  
150 12.8 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 58.501 ng  
RT: 15.529 min Scan# 2117  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

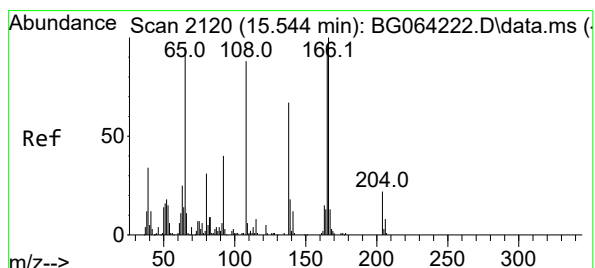
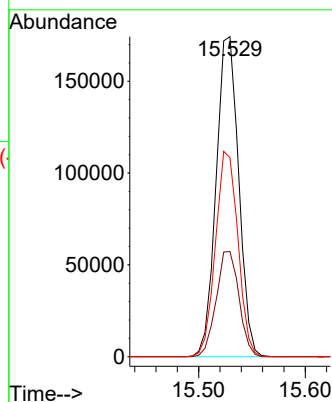
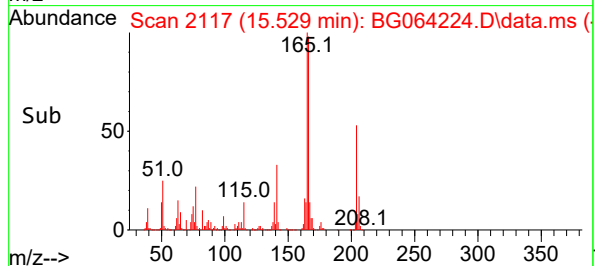
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



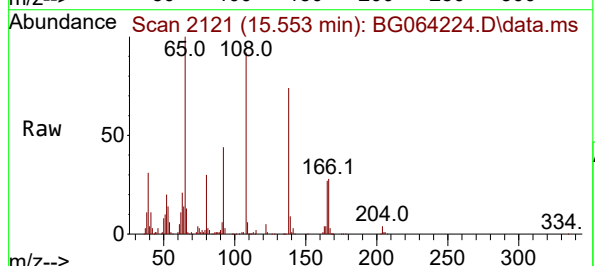
Tgt Ion:204 Resp: 25586  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.2 39.4  
141 62.2 51.9 77.9

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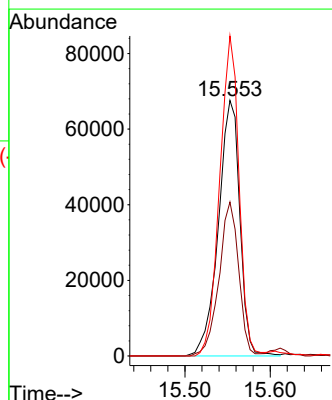
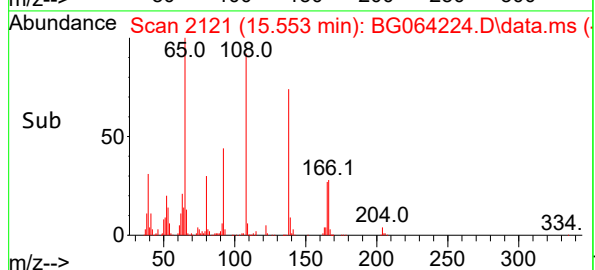
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

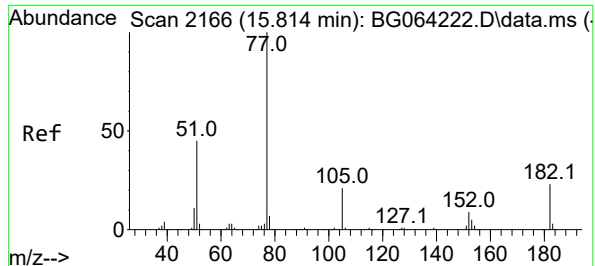


#62  
4-Nitroaniline  
Concen: 63.360 ng  
RT: 15.553 min Scan# 2121  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35



Tgt Ion:138 Resp: 118212  
Ion Ratio Lower Upper  
138 100  
92 60.2 39.1 79.1  
108 125.2 111.3 151.3





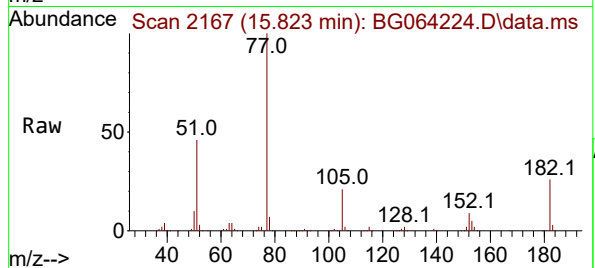
#63  
Azobenzene  
Concen: 57.900 ng  
RT: 15.823 min Scan# 2166  
Delta R.T. 0.003 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

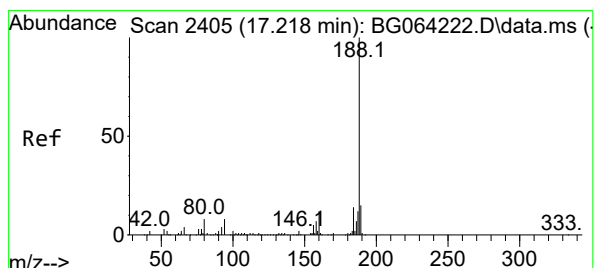
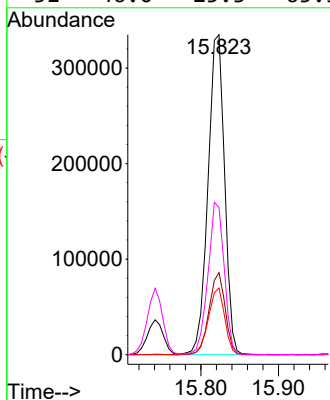
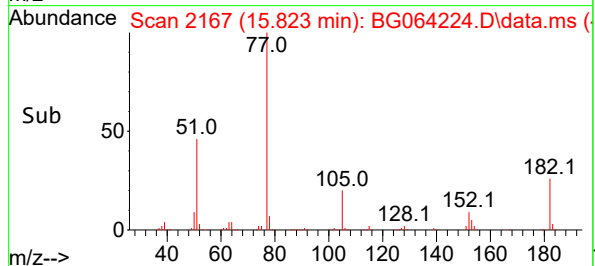


Tgt Ion: 77 Resp: 497962  
Ion Ratio Lower Upper  
77 100  
182 25.6 3.3 43.3  
105 20.8 0.6 40.6  
51 46.0 25.3 65.3

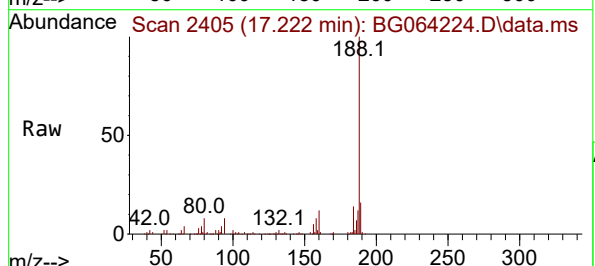
Manual Integrations

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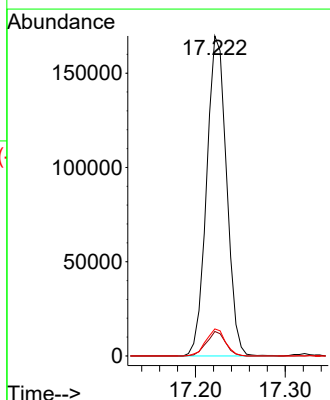
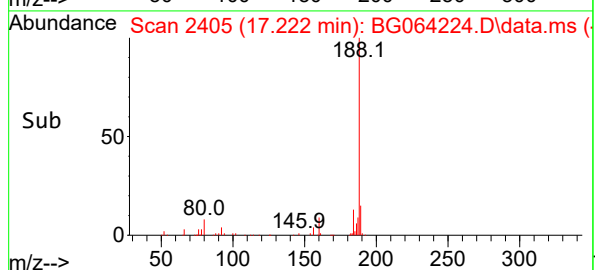
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

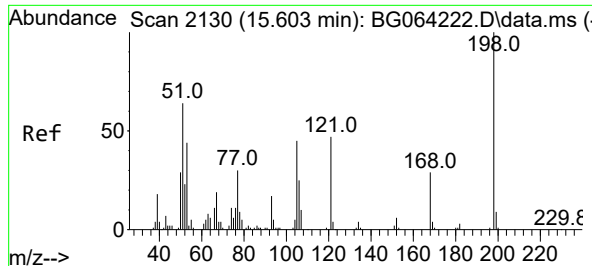


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.222 min Scan# 2405  
Delta R.T. -0.003 min  
Lab File: BG064222.D  
Acq: 28 Aug 2025 15:35



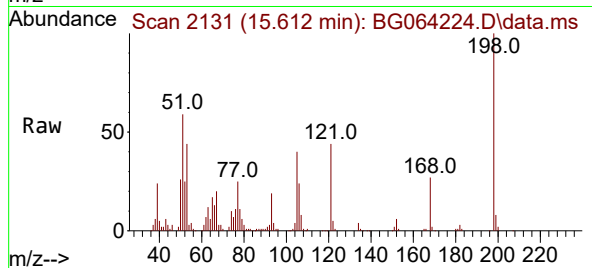
Tgt Ion:188 Resp: 261407  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.2 9.4  
80 8.5 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 67.426 ng  
RT: 15.612 min Scan# 2131  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

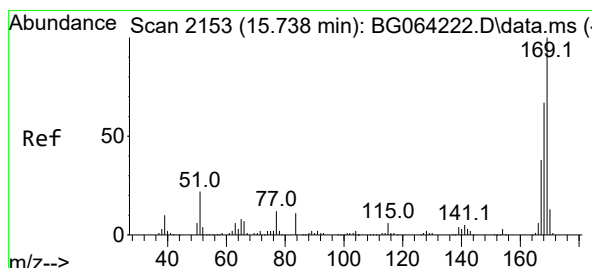
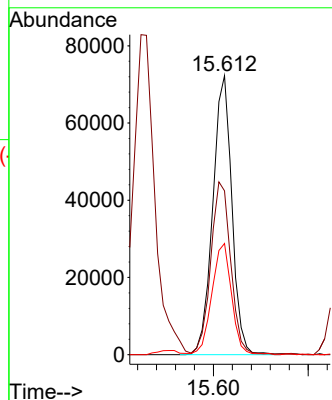
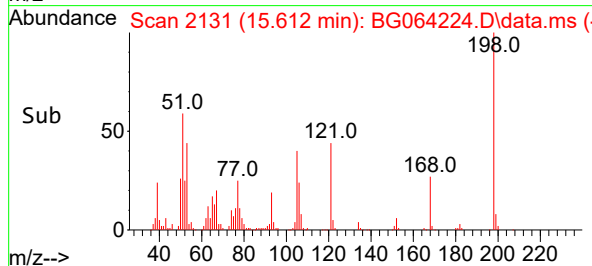
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:198 Resp: 101194  
Ion Ratio Lower Upper  
198 100  
51 58.7 46.2 86.2  
105 39.8 25.0 65.0

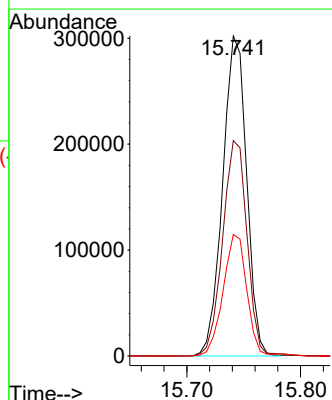
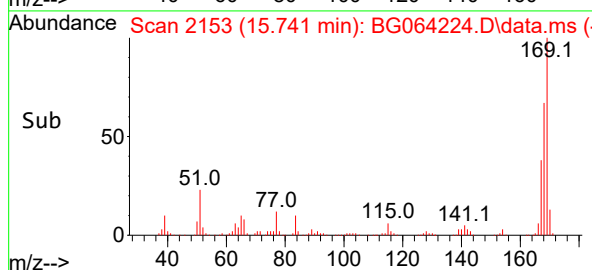
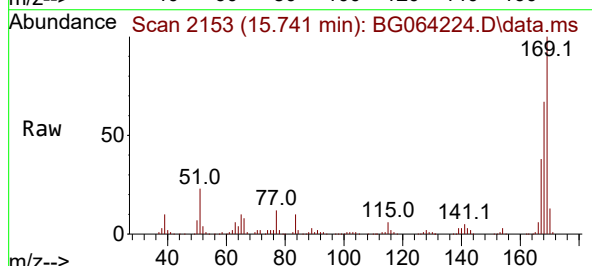
Manual Integrations  
APPROVED

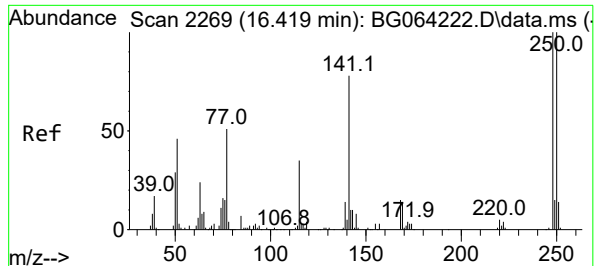
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#66  
n-Nitrosodiphenylamine  
Concen: 61.453 ng  
RT: 15.741 min Scan# 2153  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:169 Resp: 441909  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.8 80.8  
167 37.9 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 61.720 ng

RT: 16.422 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:248 Resp: 171364

Ion Ratio Lower Upper

248 100

250 96.1 80.2 120.4

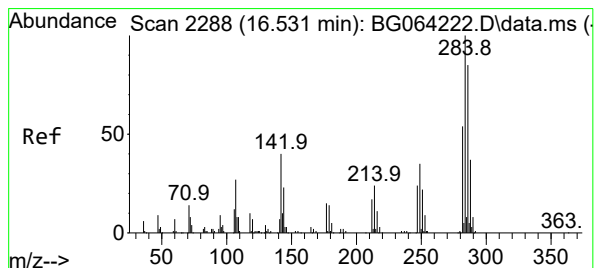
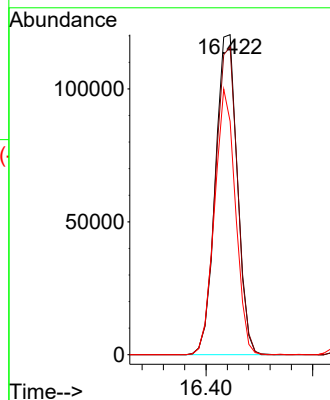
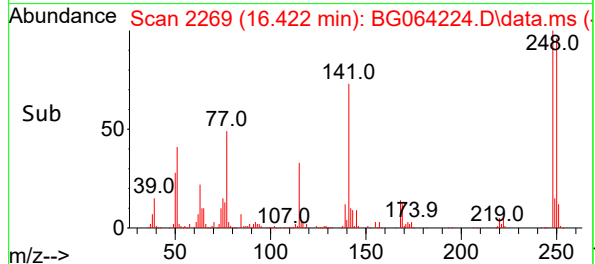
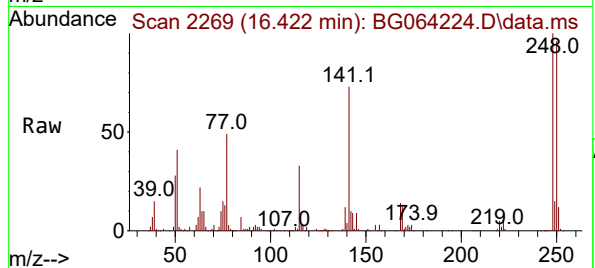
141 72.9 62.4 93.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#68

Hexachlorobenzene

Concen: 61.691 ng

RT: 16.534 min Scan# 2288

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

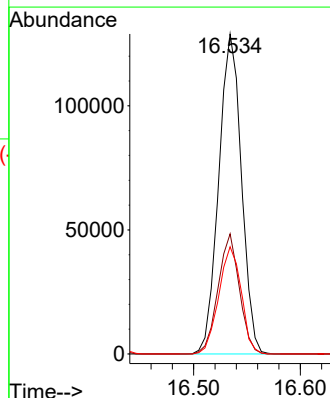
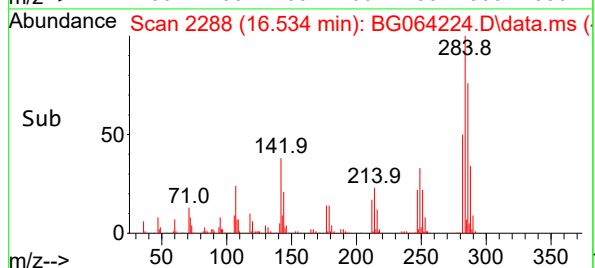
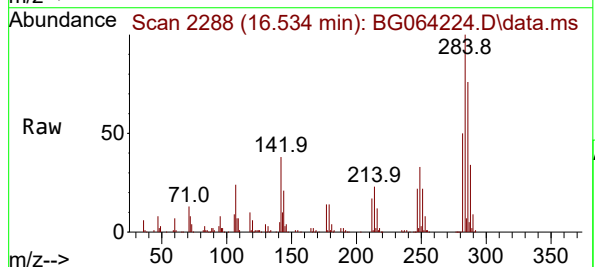
Tgt Ion:284 Resp: 190207

Ion Ratio Lower Upper

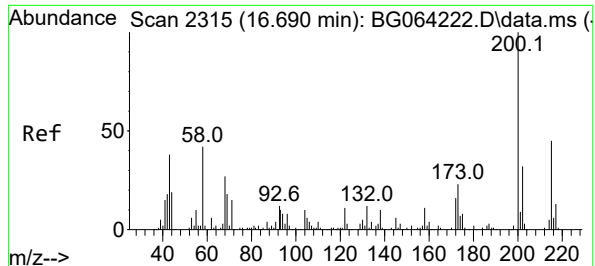
284 100

142 37.6 32.1 48.1

249 33.5 28.3 42.5







#69

Atrazine

Concen: 58.617 ng

RT: 16.693 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 17600

Ion Ratio Lower Upper

200 100

173 24.2 3.5 43.5

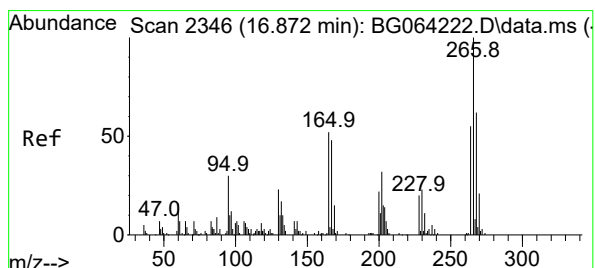
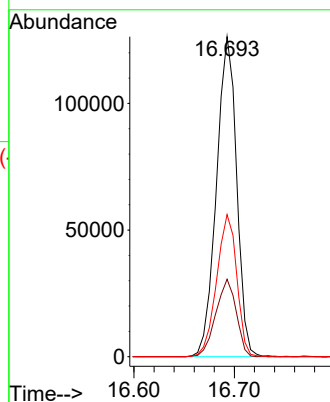
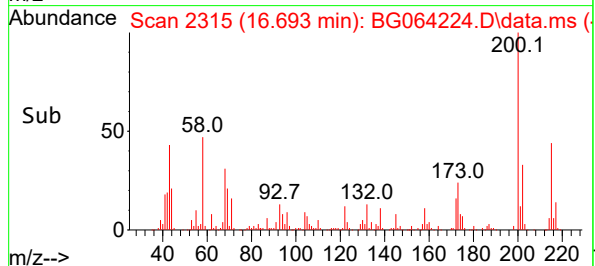
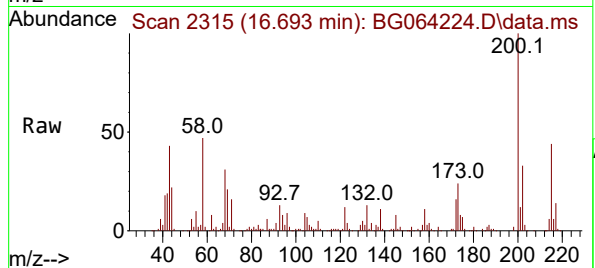
215 44.4 24.8 64.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#70

Pentachlorophenol

Concen: 65.608 ng

RT: 16.875 min Scan# 2346

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

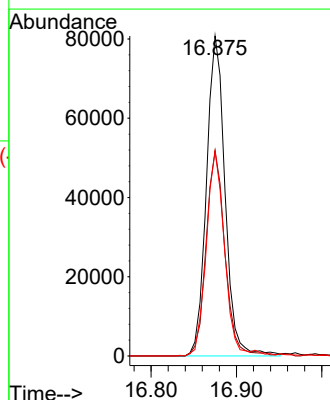
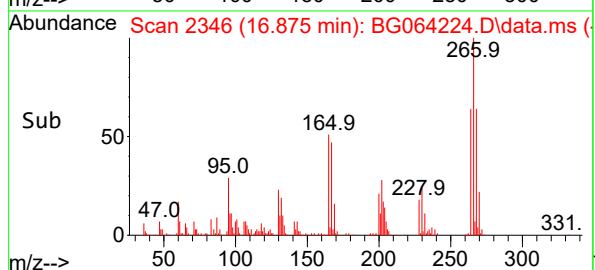
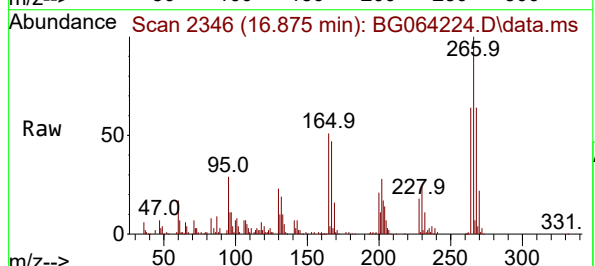
Tgt Ion:266 Resp: 122654

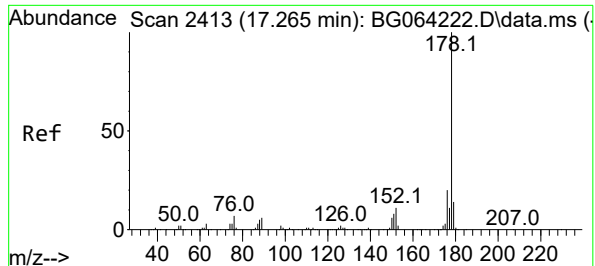
Ion Ratio Lower Upper

266 100

268 64.1 49.4 74.0

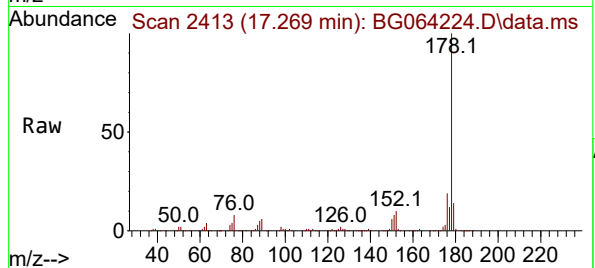
264 64.0 44.3 66.5





#71  
Phenanthrene  
Concen: 59.216 ng  
RT: 17.269 min Scan# 2413  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

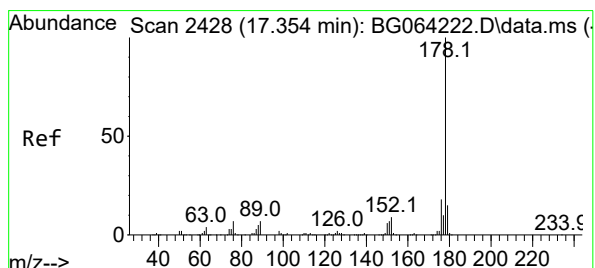
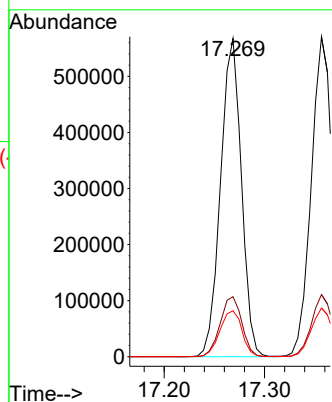
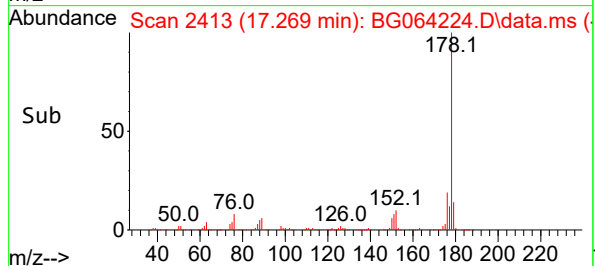
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:178 Resp: 816430  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.9 23.9  
179 14.5 11.4 17.2

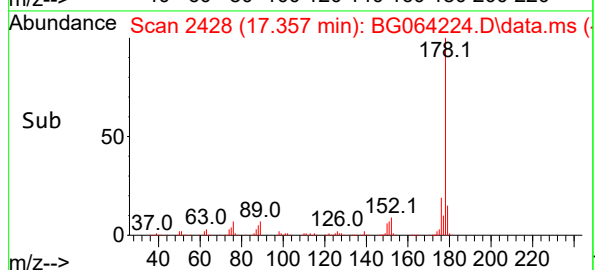
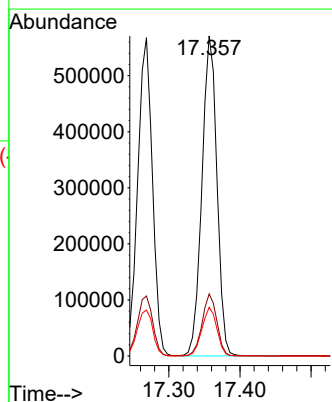
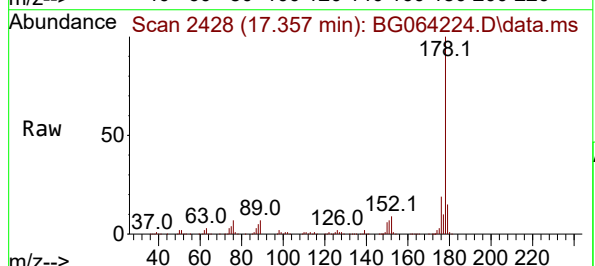
Manual Integrations  
APPROVED

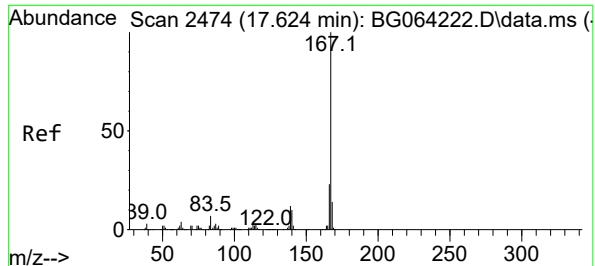
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#72  
Anthracene  
Concen: 59.810 ng  
RT: 17.357 min Scan# 2428  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

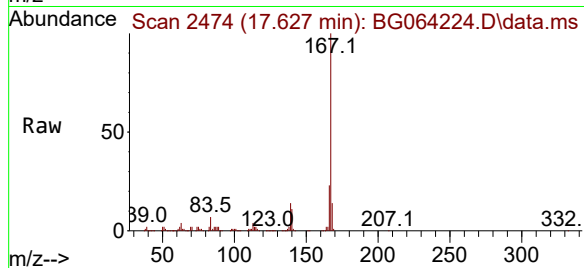
Tgt Ion:178 Resp: 838831  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.7 22.1  
179 15.2 12.1 18.1





#73  
Carbazole  
Concen: 59.340 ng  
RT: 17.627 min Scan# 2474  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

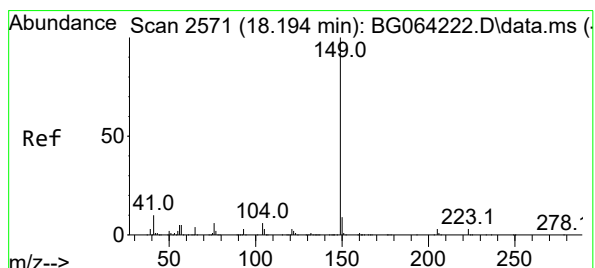
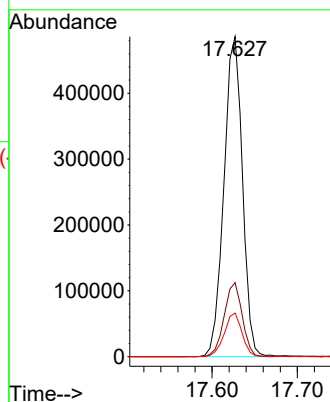
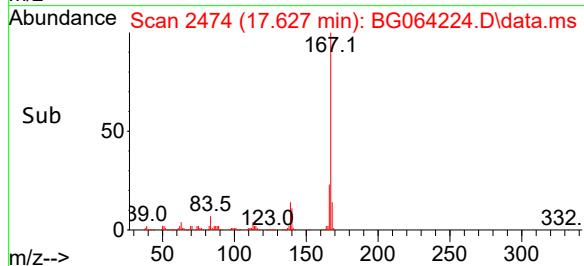
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



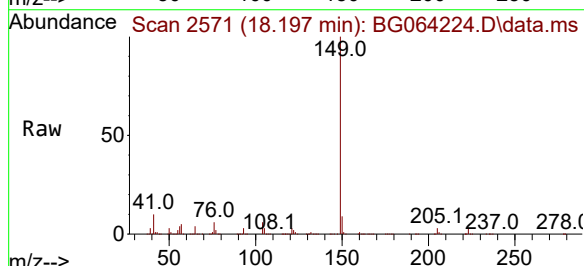
Tgt Ion:167 Resp: 733140  
Ion Ratio Lower Upper  
167 100  
166 23.2 18.2 27.2  
139 13.7 9.8 14.6

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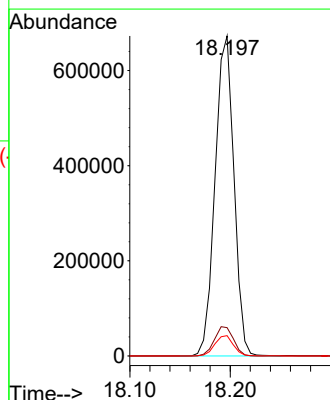
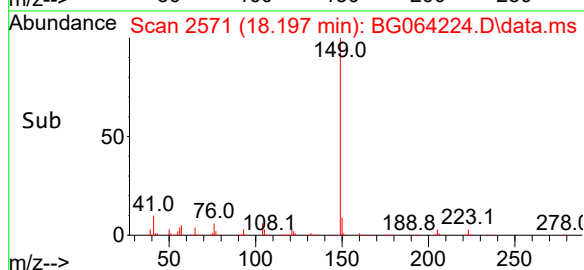
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

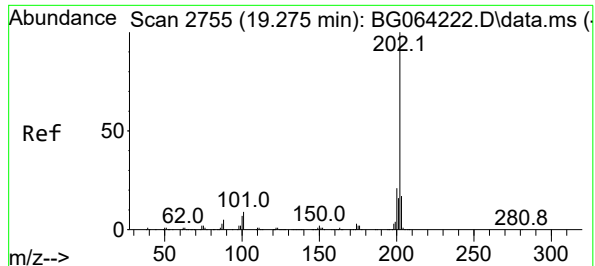


#74  
Di-n-butylphthalate  
Concen: 59.097 ng  
RT: 18.197 min Scan# 2571  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35



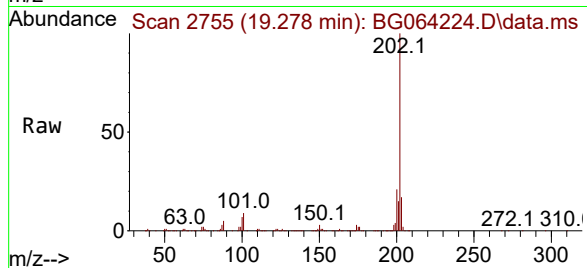
Tgt Ion:149 Resp: 877217  
Ion Ratio Lower Upper  
149 100  
150 8.8 7.5 11.3  
104 6.4 4.6 7.0





#75  
Fluoranthene  
Concen: 58.419 ng  
RT: 19.278 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

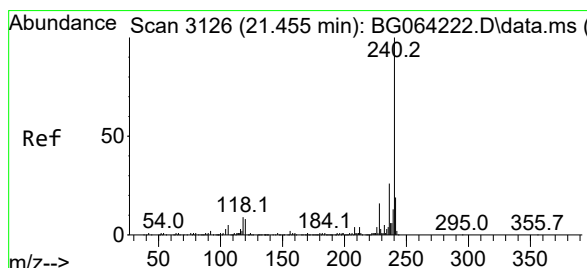
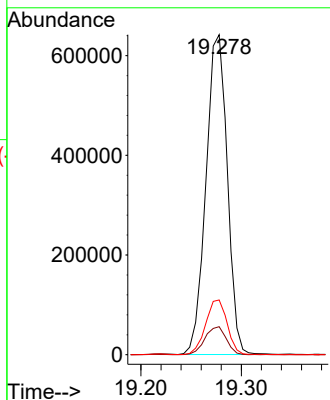
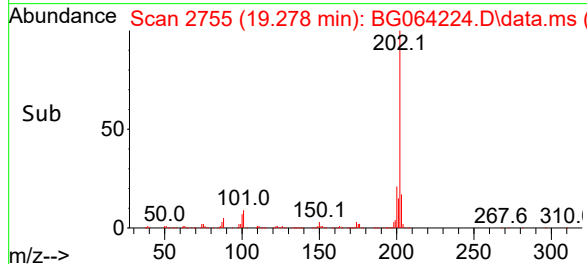
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:202 Resp: 94705  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 28.7  
203 17.1 0.0 36.9

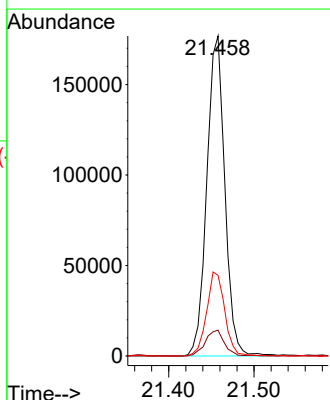
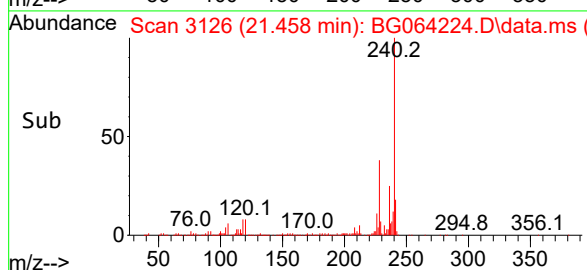
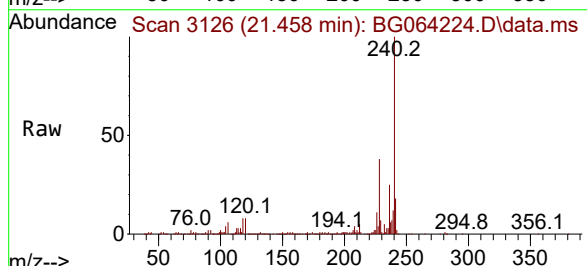
Manual Integrations  
APPROVED

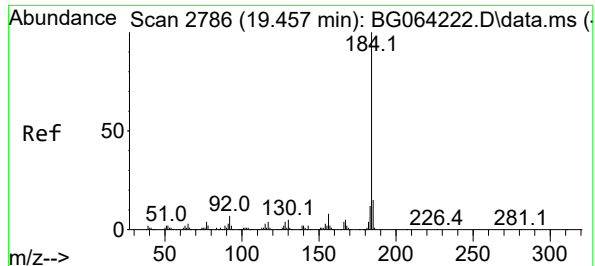
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.458 min Scan# 3126  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

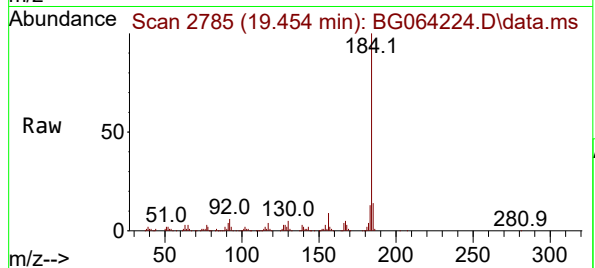
Tgt Ion:240 Resp: 260140  
Ion Ratio Lower Upper  
240 100  
120 8.1 6.2 9.4  
236 25.2 20.5 30.7





#77  
Benzidine  
Concen: 50.842 ng  
RT: 19.454 min Scan# 2785  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

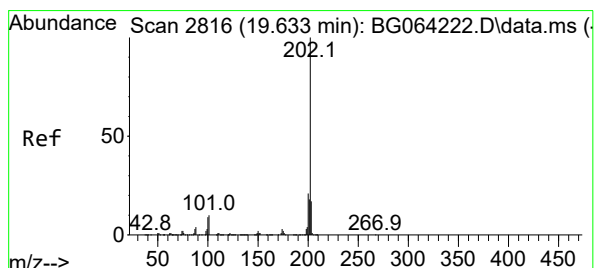
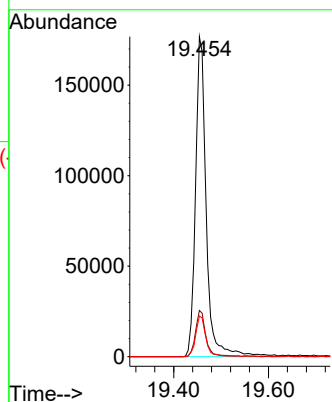
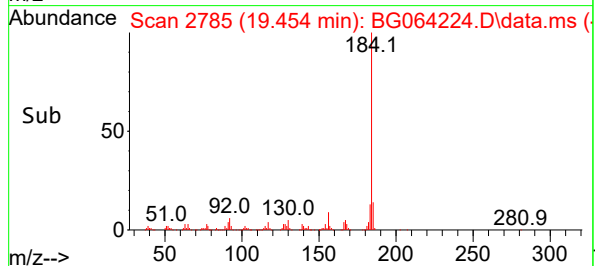
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:184 Resp: 278230  
Ion Ratio Lower Upper  
184 100  
185 14.5 11.7 17.5  
183 12.7 9.7 14.5

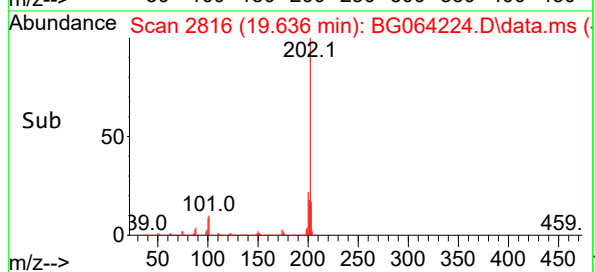
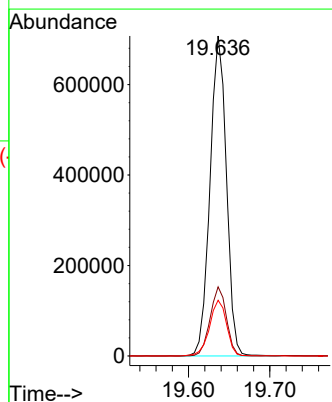
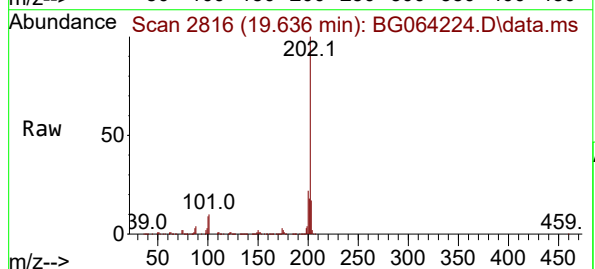
Manual Integrations  
APPROVED

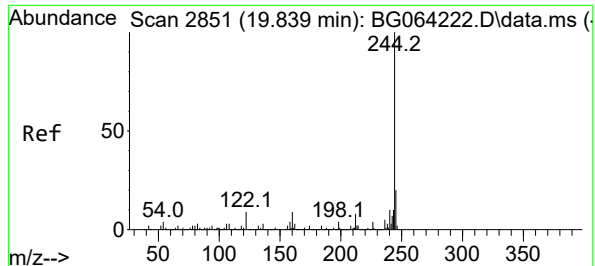
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#78  
Pyrene  
Concen: 60.435 ng  
RT: 19.636 min Scan# 2816  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:202 Resp: 990486  
Ion Ratio Lower Upper  
202 100  
200 21.6 16.9 25.3  
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 117.481 ng

RT: 19.842 min Scan# 2851

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:244 Resp: 1464829

Ion Ratio Lower Upper

244 100

212 8.5 6.6 10.0

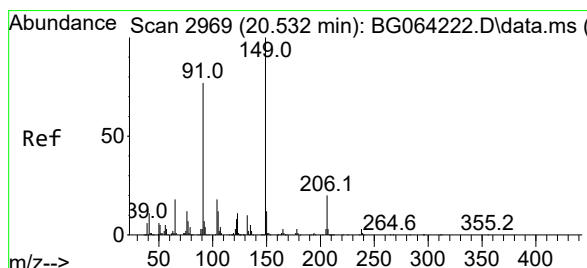
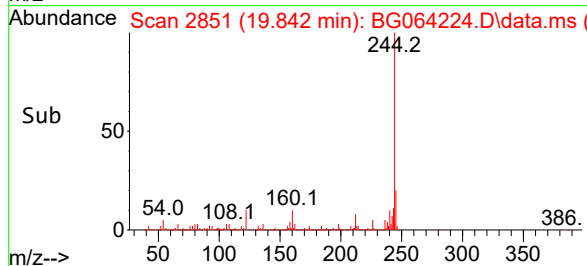
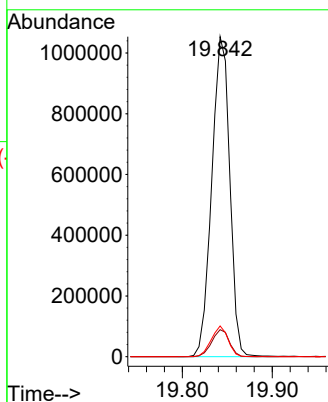
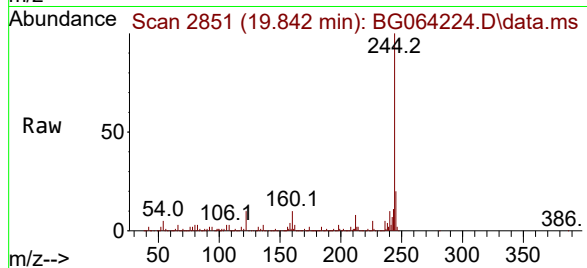
122 9.6 7.0 10.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#80

Butylbenzylphthalate

Concen: 62.586 ng

RT: 20.535 min Scan# 2969

Delta R.T. 0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

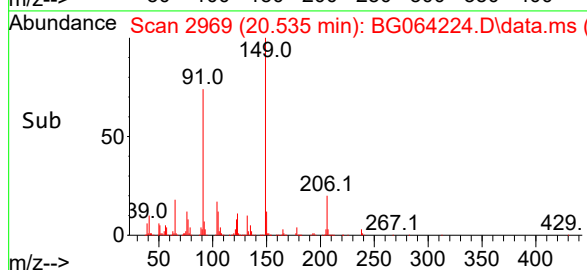
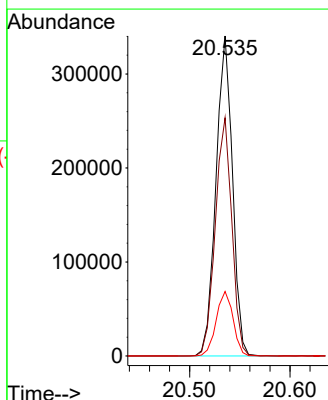
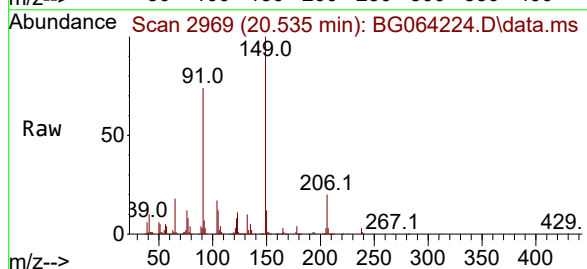
Tgt Ion:149 Resp: 386881

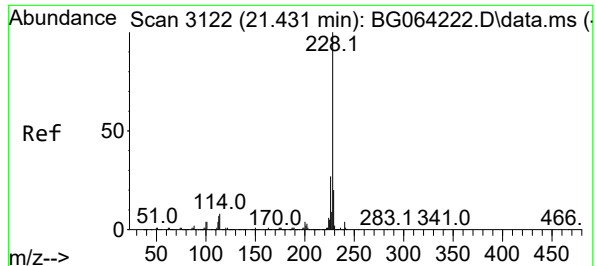
Ion Ratio Lower Upper

149 100

91 74.4 61.4 92.0

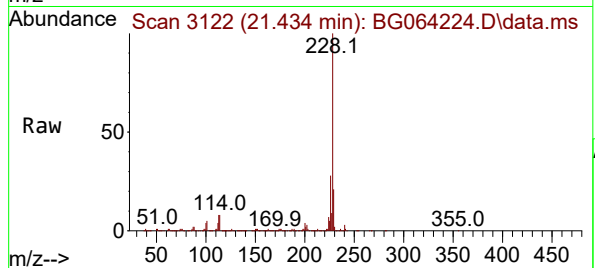
206 20.2 15.8 23.6





#81  
Benzo(a)anthracene  
Concen: 60.738 ng  
RT: 21.434 min Scan# 3122  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

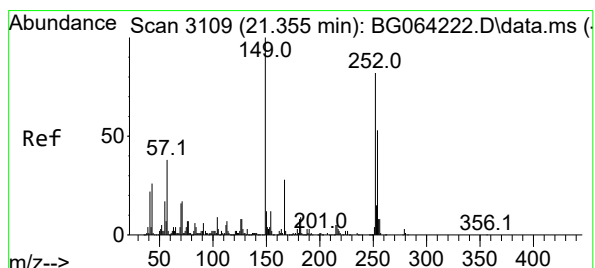
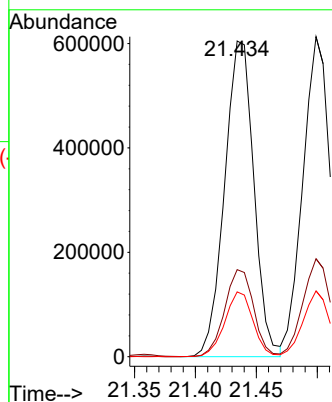
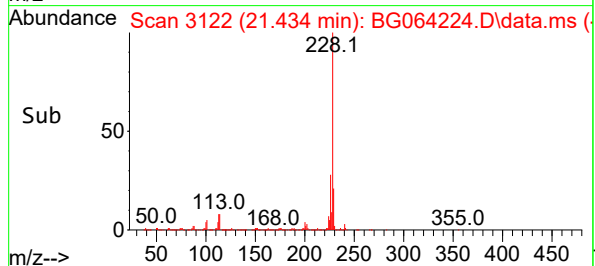
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:228 Resp: 101084  
Ion Ratio Lower Upper  
228 100  
226 27.6 21.7 32.5  
229 20.5 15.9 23.9

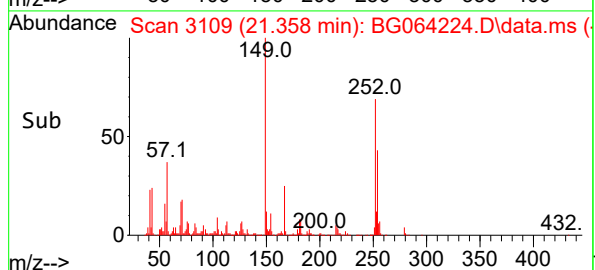
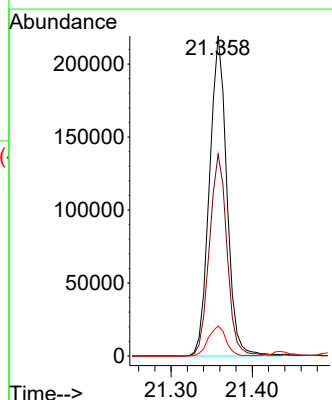
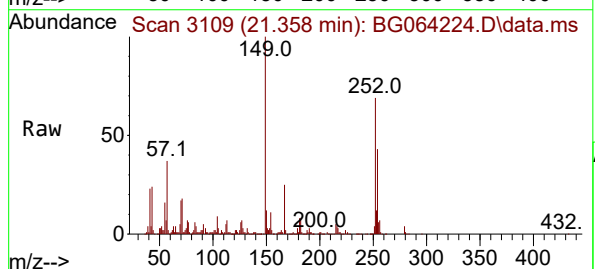
Manual Integrations  
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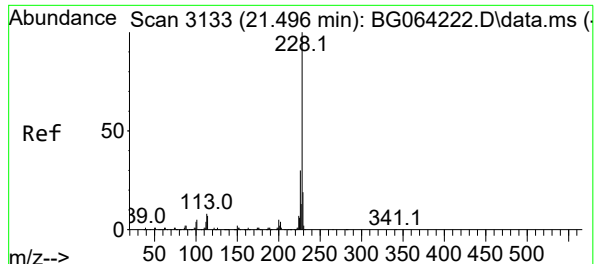
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 59.926 ng  
RT: 21.358 min Scan# 3109  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 324809  
Ion Ratio Lower Upper  
252 100  
254 63.0 51.9 77.9  
126 9.4 7.6 11.4





#83

Chrysene

Concen: 59.998 ng

RT: 21.499 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 958620

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

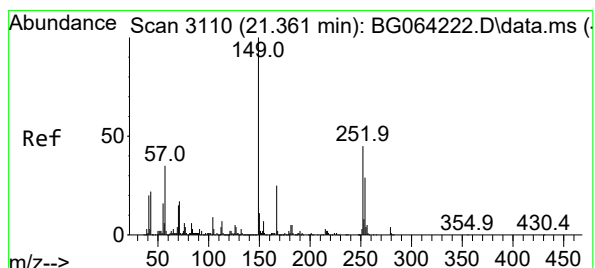
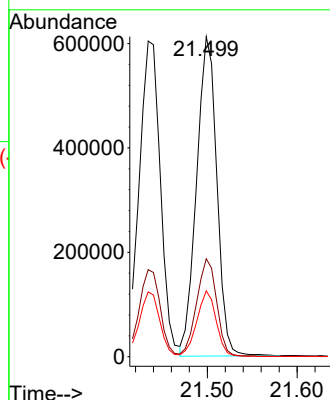
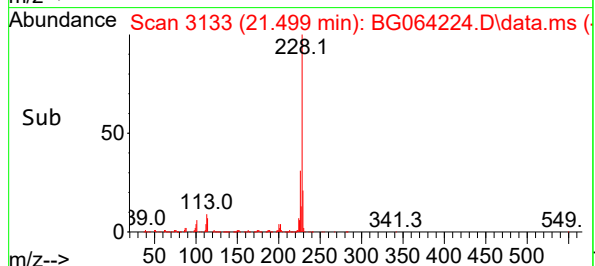
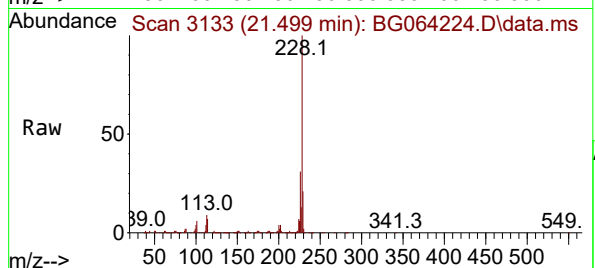
229 20.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.696 ng

RT: 21.364 min Scan# 3110

Delta R.T. -0.003 min

Lab File: BG064224.D

Acq: 28 Aug 2025 15:35

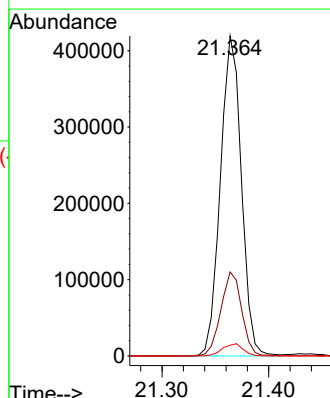
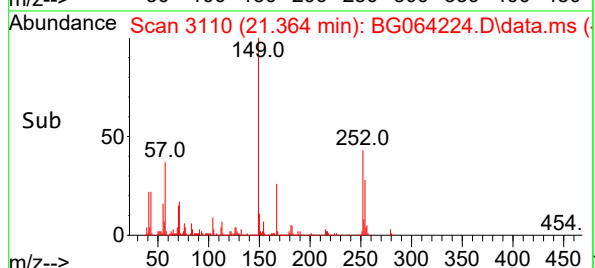
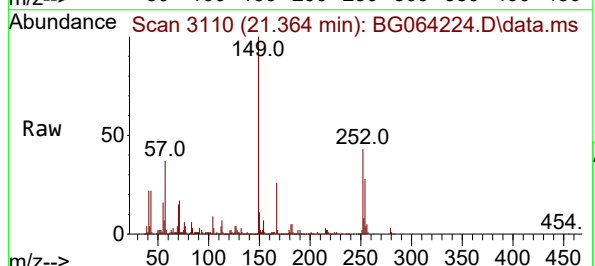
Tgt Ion:149 Resp: 572579

Ion Ratio Lower Upper

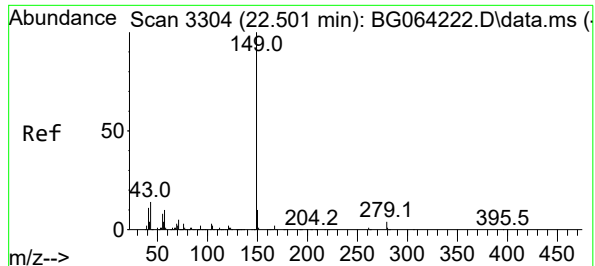
149 100

167 26.3 20.0 30.0

279 3.4 3.0 4.4

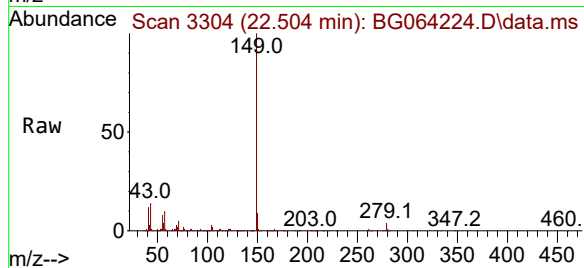






#85  
Di-n-octyl phthalate  
Concen: 62.901 ng  
RT: 22.504 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

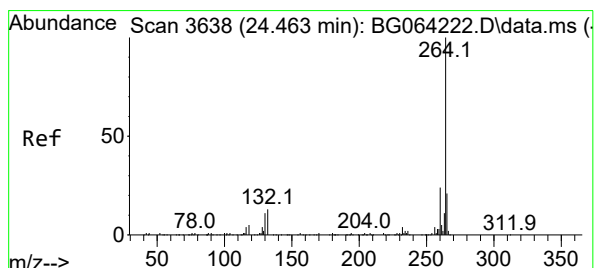
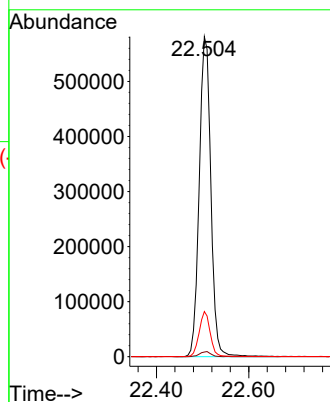
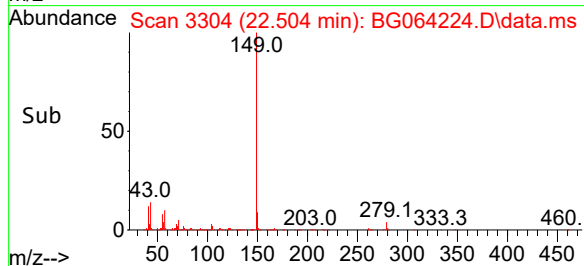
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:149 Resp: 101715  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 13.4 10.8 16.2

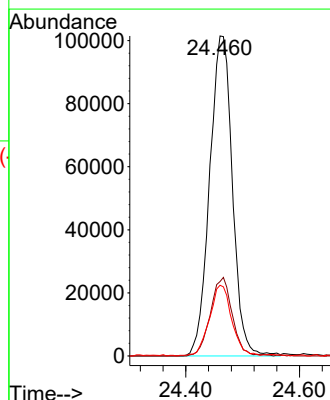
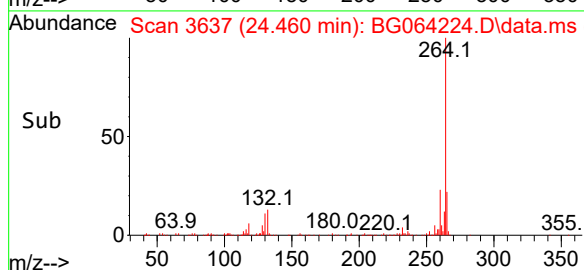
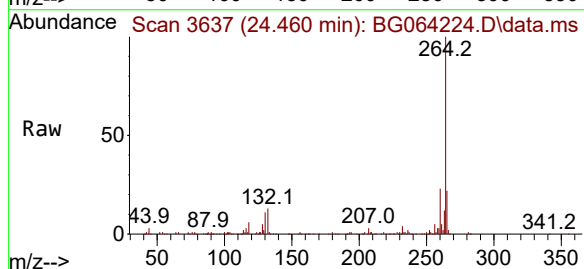
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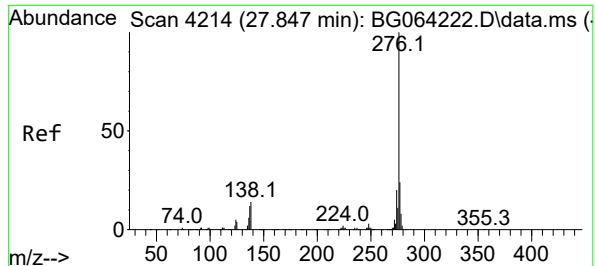
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.460 min Scan# 3637  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

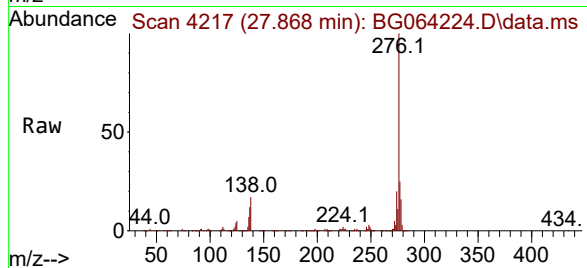
Tgt Ion:264 Resp: 282089  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.9 28.3  
265 22.1 16.7 25.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 62.724 ng  
RT: 27.868 min Scan# 4217  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

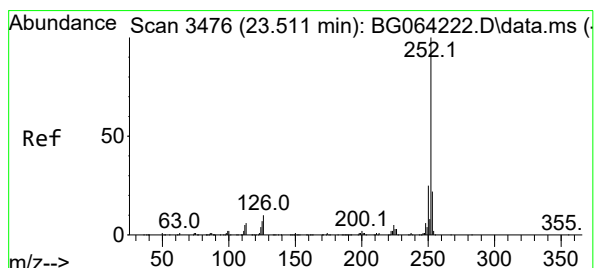
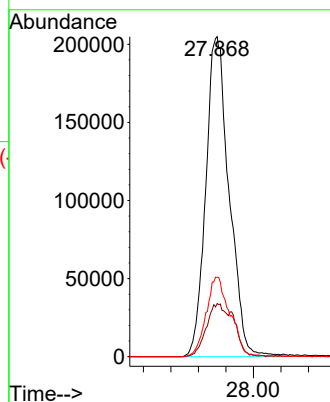
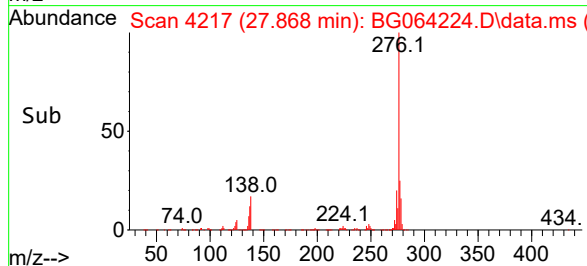
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:276 Resp: 1208324  
Ion Ratio Lower Upper  
276 100  
138 14.2 7.4 11.0  
277 25.3 20.5 30.7

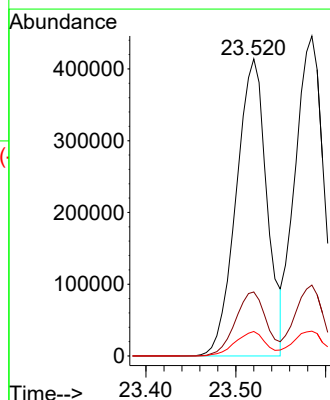
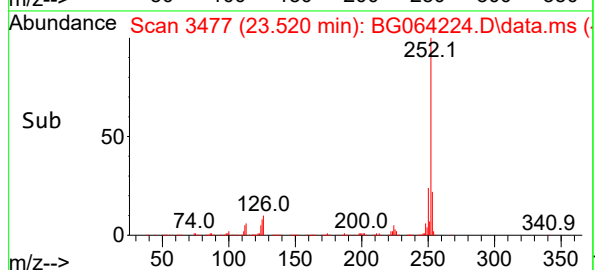
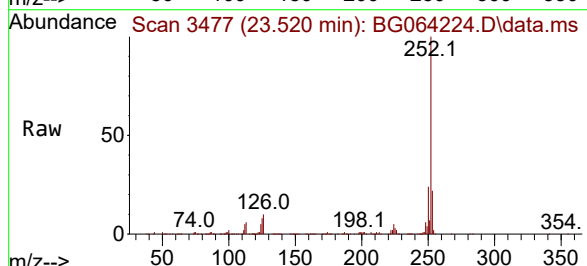
Manual Integrations  
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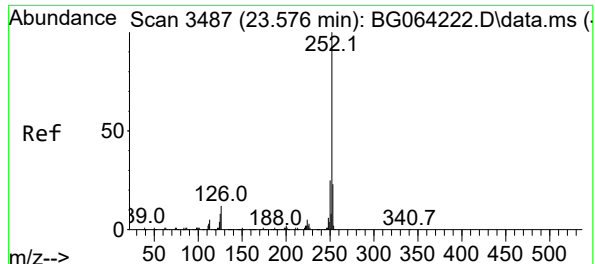
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#88  
Benzo(b)fluoranthene  
Concen: 61.873 ng  
RT: 23.520 min Scan# 3477  
Delta R.T. 0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

Tgt Ion:252 Resp: 985063  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.5 26.3  
125 8.3 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 61.325 ng

RT: 23.585 min Scan# 34

Delta R.T. -0.003 min

Lab File: BG064224.D

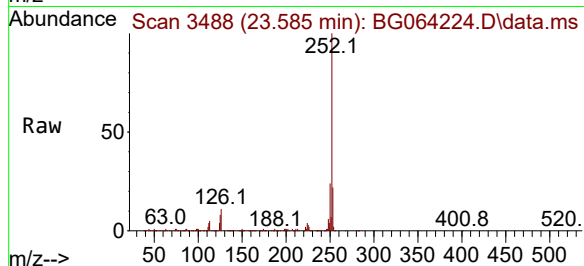
Acq: 28 Aug 2025 15:35

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



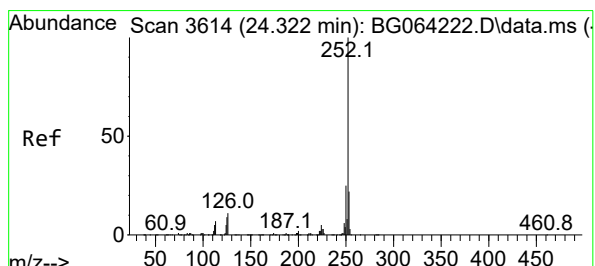
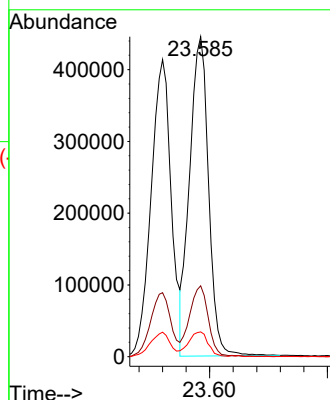
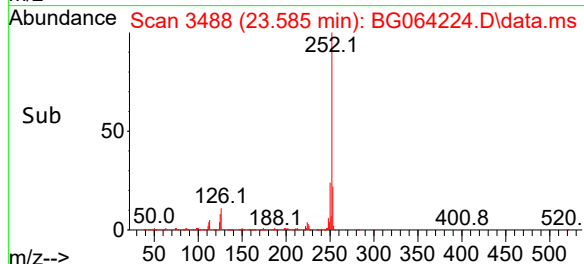
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 99466 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.2  | 18.2  | 27.4  |
| 125       | 7.7   | 7.0   | 10.4  |

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

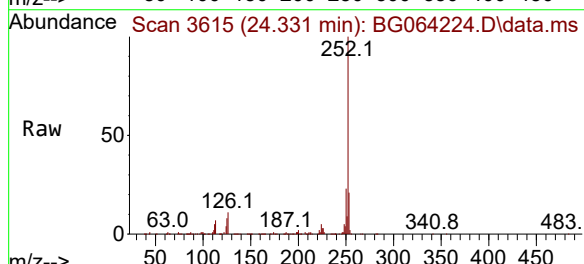
Concen: 62.350 ng

RT: 24.331 min Scan# 3615

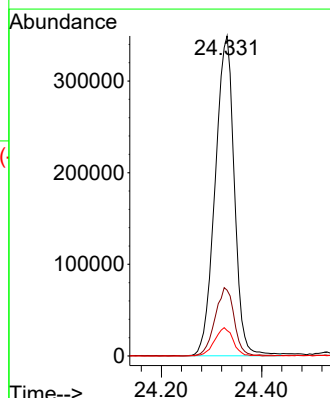
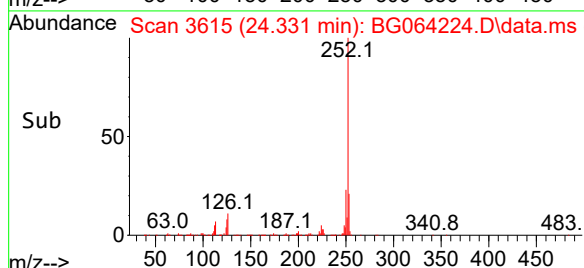
Delta R.T. 0.003 min

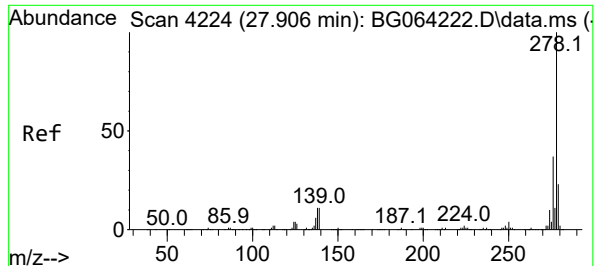
Lab File: BG064224.D

Acq: 28 Aug 2025 15:35



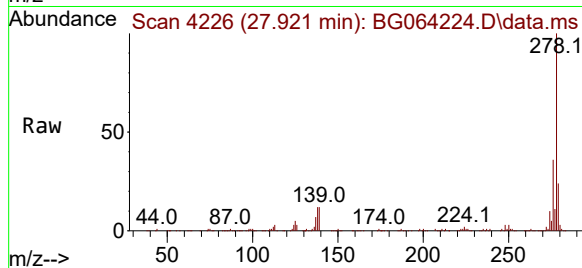
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 923392 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.5  | 17.4  | 26.2   |
| 125       | 7.9   | 7.0   | 10.6   |





#91  
Dibenzo(a,h)anthracene  
Concen: 62.598 ng  
RT: 27.921 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35

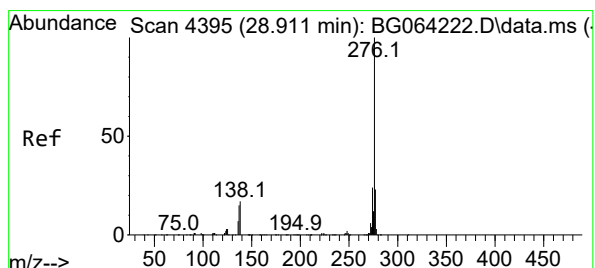
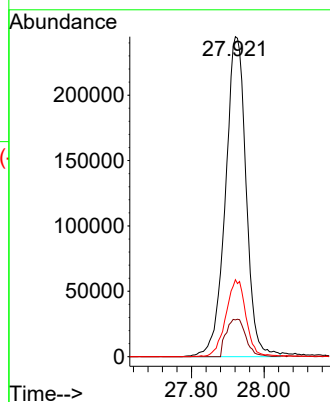
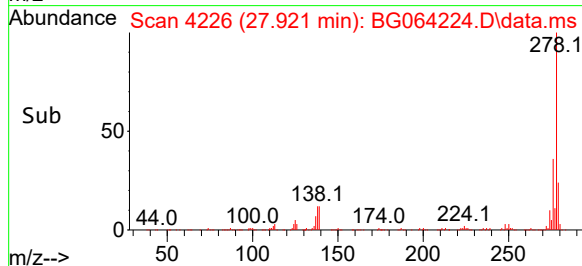
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



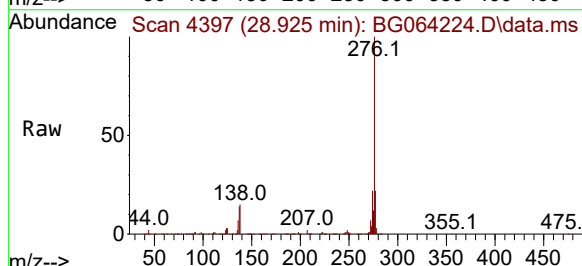
Tgt Ion:278 Resp: 968230  
Ion Ratio Lower Upper  
278 100  
139 11.5 9.0 13.4  
279 24.1 18.8 28.2

Manual Integrations  
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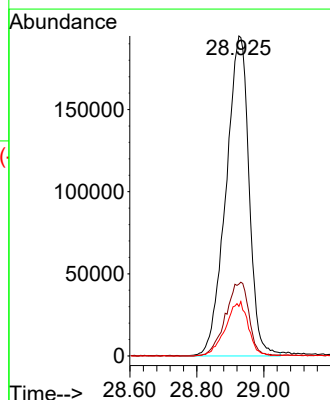
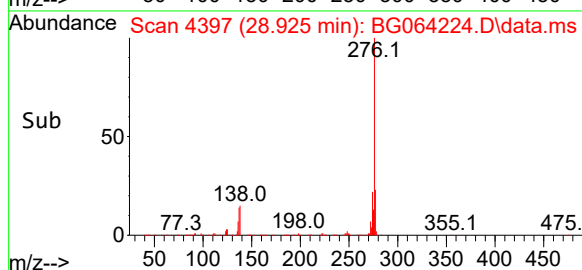
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#92  
Benzo(g,h,i)perylene  
Concen: 61.991 ng  
RT: 28.925 min Scan# 4397  
Delta R.T. -0.009 min  
Lab File: BG064224.D  
Acq: 28 Aug 2025 15:35



Tgt Ion:276 Resp: 933012  
Ion Ratio Lower Upper  
276 100  
277 22.5 18.2 27.4  
138 15.5 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064225.D  
 Acq On : 28 Aug 2025 16:16  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.859  | 152  | 31439    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.650 | 136  | 150999   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.481 | 164  | 104548   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.225 | 188  | 231385   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.455 | 240  | 235542   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.463 | 264  | 252822   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.444  | 112  | 284858   | 162.557 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.031  | 99   | 385197   | 160.002 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.017  | 82   | 435451   | 160.831 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.973 | 330  | 210720   | 152.168 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.112 | 172  | 1040275  | 151.875 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 1673235  | 148.209 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.359  | 88   | 53597    | 73.380  | ng    | 94       |
| 3) Pyridine                   | 3.752  | 79   | 169599   | 78.882  | ng    | # 56     |
| 4) n-Nitrosodimethylamine     | 3.664  | 42   | 112112   | 78.835  | ng    | 87       |
| 6) Aniline                    | 7.189  | 93   | 265369   | 79.710  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.424  | 128  | 171573   | 80.124  | ng    | 96       |
| 10) Phenol                    | 7.054  | 94   | 213623   | 80.484  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.283  | 93   | 158234   | 79.334  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.747  | 146  | 176619   | 77.530  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.894  | 146  | 175825   | 76.475  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.212  | 146  | 174325   | 78.562  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.094  | 79   | 182418   | 82.109  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.376  | 45   | 352470   | 77.403  | ng    | 98       |
| 17) 2-Methylphenol            | 8.300  | 107  | 156695   | 79.212  | ng    | 99       |
| 18) Hexachloroethane          | 8.934  | 117  | 71260    | 79.402  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.664  | 70   | 146366   | 79.439  | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.629  | 107  | 220429   | 80.195  | ng    | 98       |
| 22) Acetophenone              | 8.676  | 105  | 297000   | 77.746  | ng    | # 97     |
| 24) Nitrobenzene              | 9.058  | 77   | 226441   | 80.047  | ng    | 98       |
| 25) Isophorone                | 9.587  | 82   | 437415   | 77.734  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.763  | 139  | 103335   | 84.539  | ng    | 88       |
| 27) 2,4-Dimethylphenol        | 9.827  | 122  | 168782   | 78.649  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.062 | 93   | 236323   | 77.887  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.297 | 162  | 177516   | 78.397  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.509 | 180  | 184039   | 77.085  | ng    | 99       |
| 31) Naphthalene               | 10.697 | 128  | 595827   | 76.094  | ng    | 99       |
| 32) Benzoic acid              | 10.015 | 122  | 147808m  | 86.767  | ng    |          |
| 33) 4-Chloroaniline           | 10.803 | 127  | 242526   | 79.915  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.991 | 225  | 135868   | 76.987  | ng    | 91       |
| 35) Caprolactam               | 11.602 | 113  | 66367    | 75.695  | ng    | # 85     |
| 36) 4-Chloro-3-methylphenol   | 11.931 | 107  | 231233   | 78.708  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.307 | 142  | 443073   | 76.128  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.524 | 142  | 435898   | 75.825  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.677 | 216  | 241038   | 79.906  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.659 | 237  | 123923   | 86.438  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.912 | 196  | 164665   | 81.670  | ng    | 93       |
| 44) 2,4,5-Trichlorophenol     | 12.988 | 196  | 177089   | 80.969  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064225.D  
 Acq On : 28 Aug 2025 16:16  
 Operator : RC/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 18:41:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.317 | 154  | 595496   | 78.203 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.359 | 162  | 451011   | 78.784 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.564 | 65   | 165981   | 85.067 | ng    | 98       |
| 49) Acenaphthylene            | 14.205 | 152  | 660780   | 78.084 | ng    | 98       |
| 50) Dimethylphthalate         | 13.946 | 163  | 592653   | 74.892 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.058 | 165  | 127509   | 83.231 | ng    | 98       |
| 52) Acenaphthene              | 14.551 | 154  | 457783   | 76.655 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.387 | 138  | 130491   | 81.316 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 79263    | 79.247 | ng    | # 84     |
| 55) Dibenzofuran              | 14.880 | 168  | 720048   | 76.654 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.698 | 139  | 110109   | 83.646 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.845 | 165  | 190202   | 82.112 | ng    | 98       |
| 58) Fluorene                  | 15.533 | 166  | 574100   | 74.567 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.109 | 232  | 164241   | 78.076 | ng    | 99       |
| 60) Diethylphthalate          | 15.315 | 149  | 633833   | 74.841 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.527 | 204  | 289860   | 75.511 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.556 | 138  | 136014   | 83.062 | ng    | 98       |
| 63) Azobenzene                | 15.820 | 77   | 577669   | 76.529 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.609 | 198  | 118887   | 89.493 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.744 | 169  | 501350   | 78.764 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.420 | 248  | 199527   | 81.188 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.537 | 284  | 217240   | 79.601 | ng    | 93       |
| 69) Atrazine                  | 16.696 | 200  | 203423   | 76.540 | ng    | 99       |
| 70) Pentachlorophenol         | 16.878 | 266  | 144874   | 87.549 | ng    | 93       |
| 71) Phenanthrene              | 17.266 | 178  | 939199   | 76.958 | ng    | 98       |
| 72) Anthracene                | 17.360 | 178  | 951911   | 76.680 | ng    | 98       |
| 73) Carbazole                 | 17.624 | 167  | 841735   | 76.969 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.194 | 149  | 1011294  | 76.970 | ng    | 99       |
| 75) Fluoranthene              | 19.275 | 202  | 1084541  | 75.580 | ng    | 98       |
| 77) Benzidine                 | 19.457 | 184  | 337627   | 68.139 | ng    | 98       |
| 78) Pyrene                    | 19.639 | 202  | 1147906  | 77.355 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.533 | 149  | 453565   | 81.036 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.437 | 228  | 1171856  | 77.766 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.361 | 252  | 380457   | 77.523 | ng    | 97       |
| 83) Chrysene                  | 21.502 | 228  | 1121478  | 77.521 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.367 | 149  | 661990   | 78.779 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.507 | 149  | 1167706  | 79.752 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.871 | 276  | 1401756  | 81.188 | ng    | # 98     |
| 88) Benzo(b)fluoranthene      | 23.517 | 252  | 1165918  | 81.710 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.588 | 252  | 1148481  | 79.005 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.328 | 252  | 1066956  | 80.383 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.924 | 278  | 1133261  | 81.749 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.934 | 276  | 1088525  | 80.696 | ng    | 98       |

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

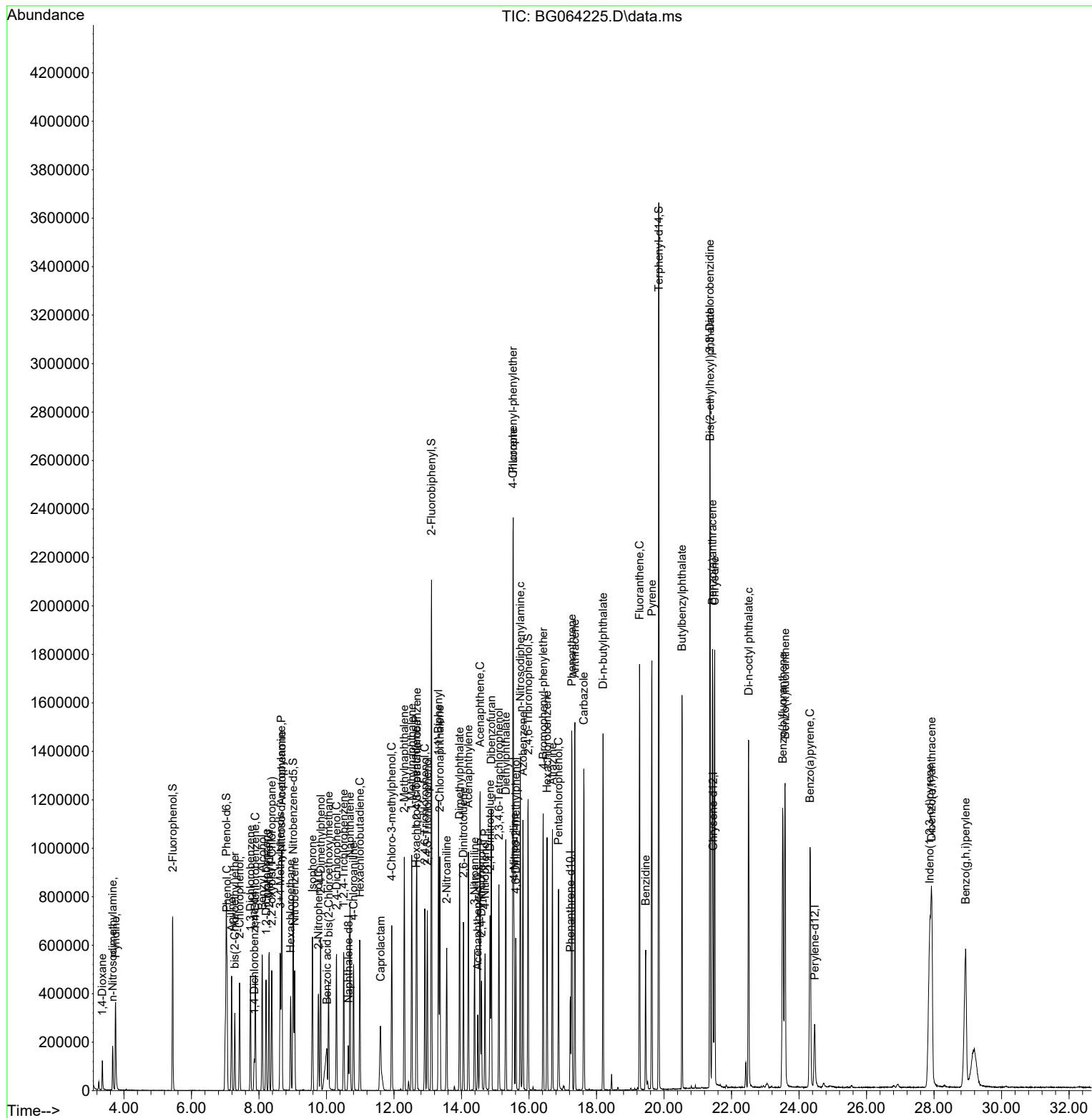
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Data File : BG064225.D  
Acq On    : 28 Aug 2025  16:16  
Operator  : RC/JU  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 9    Sample Multiplier: 1
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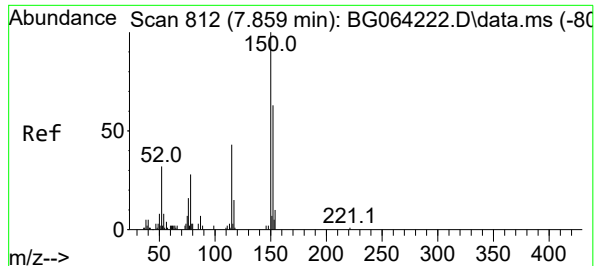
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDICC080

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jaagrut Upadhyay 08/29/2025

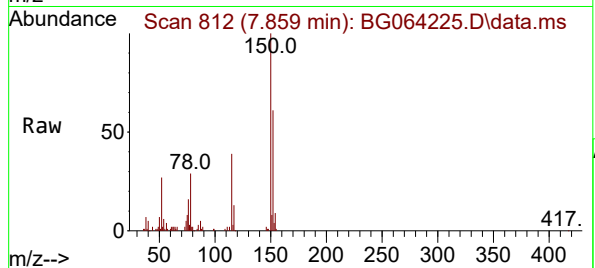
Quant Time: Aug 28 18:41:15 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.859 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

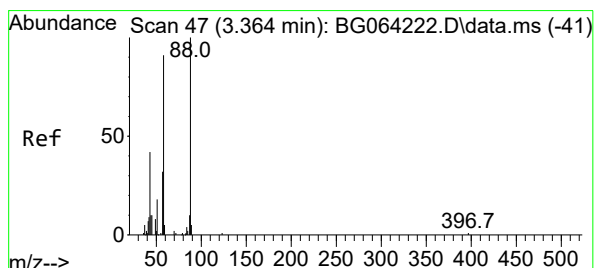
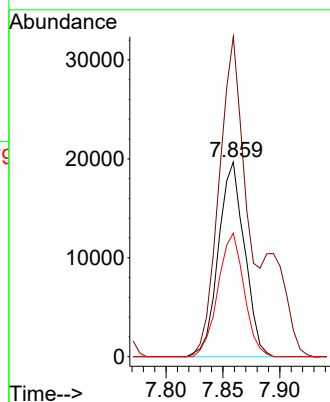
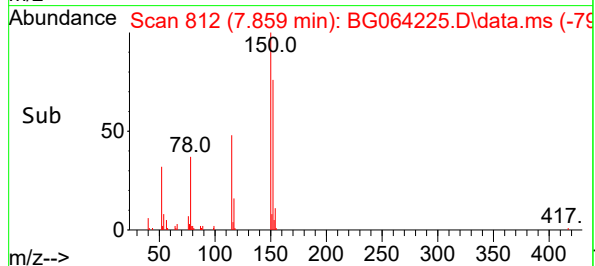
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:152 Resp: 31439  
Ion Ratio Lower Upper  
152 100  
150 164.4 128.0 192.0  
115 63.5 55.7 83.5

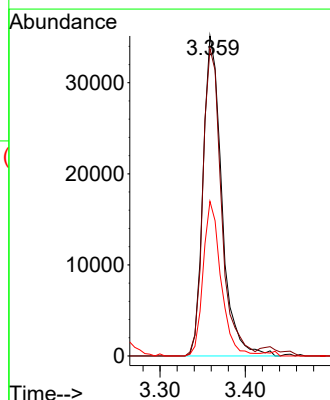
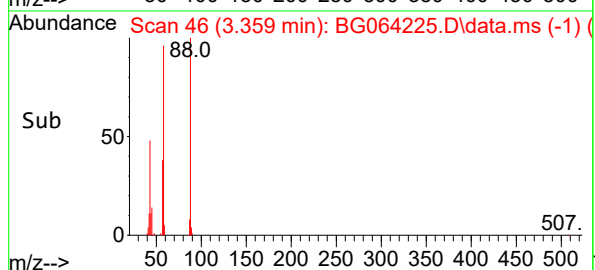
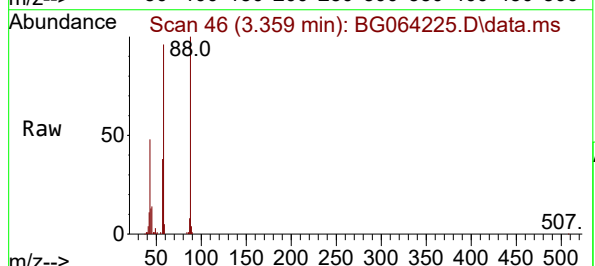
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

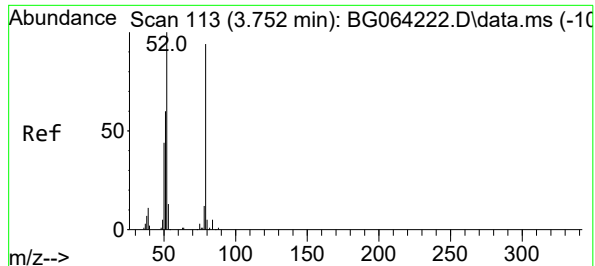


#2  
1,4-Dioxane  
Concen: 73.380 ng  
RT: 3.359 min Scan# 46  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion: 88 Resp: 53597  
Ion Ratio Lower Upper  
88 100  
58 94.8 80.8 121.2  
43 46.2 40.3 60.5

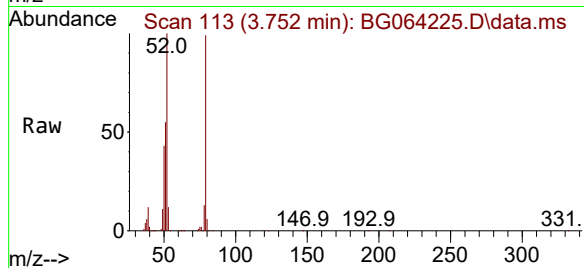






#3  
Pyridine  
Concen: 78.882 ng  
RT: 3.752 min Scan# 113  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

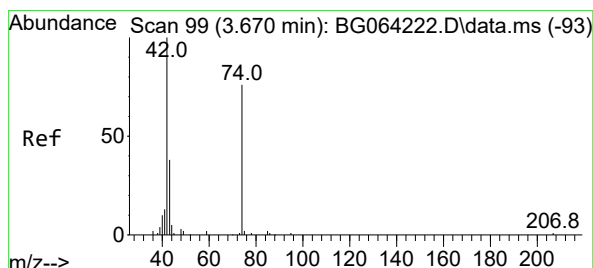
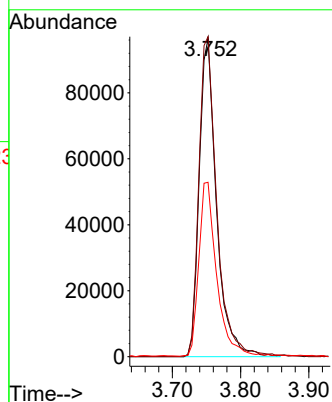
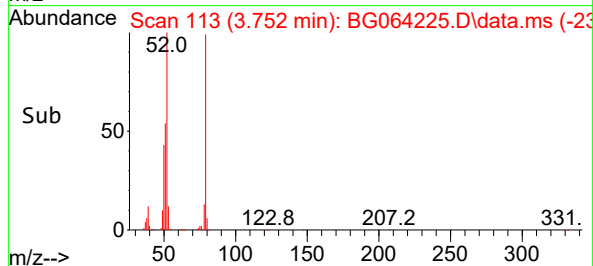
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 79 Resp: 169599  
Ion Ratio Lower Upper  
79 100  
52 100.6 86.6 129.8  
51 54.8 114.1 171.1

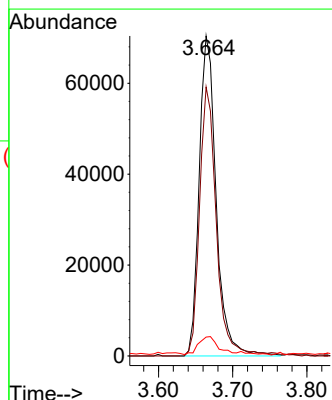
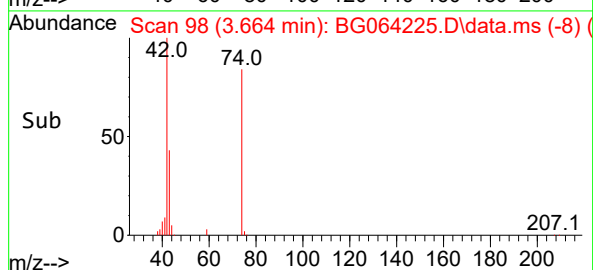
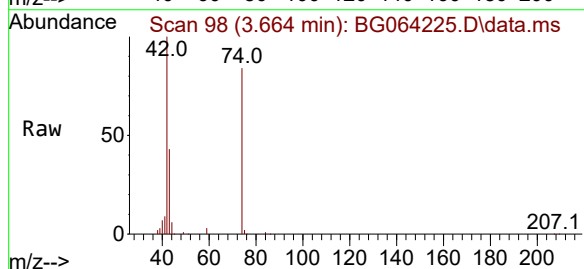
Manual Integrations  
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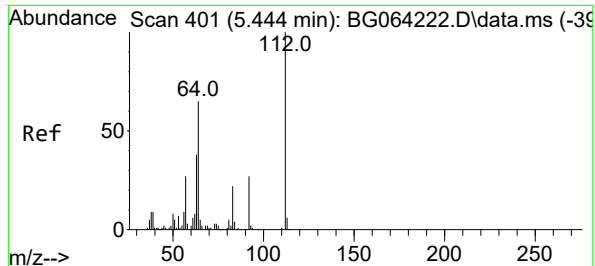
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#4  
n-Nitrosodimethylamine  
Concen: 78.835 ng  
RT: 3.664 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion: 42 Resp: 112112  
Ion Ratio Lower Upper  
42 100  
74 84.1 58.0 87.0  
44 5.9 5.5 8.3





#5

2-Fluorophenol

Concen: 162.557 ng

RT: 5.444 min Scan# 401

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 284858

Ion Ratio Lower Upper

112 100

64 61.3 51.8 77.6

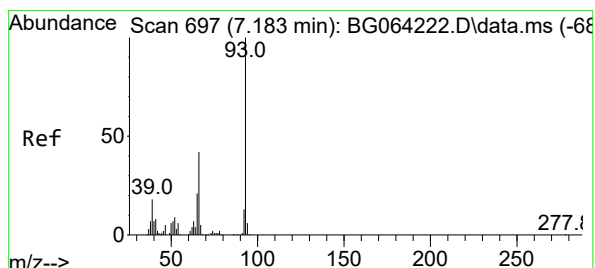
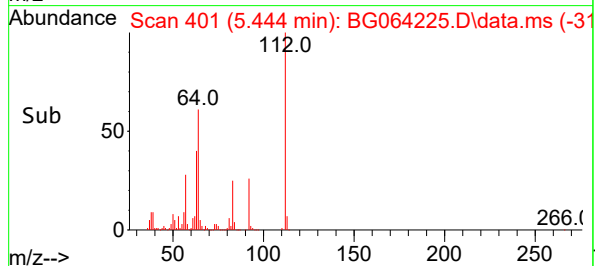
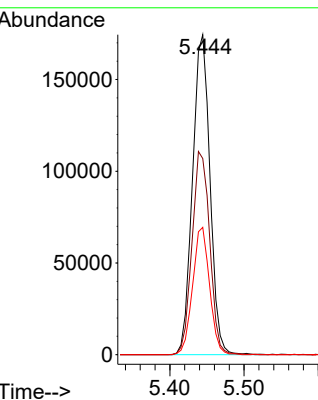
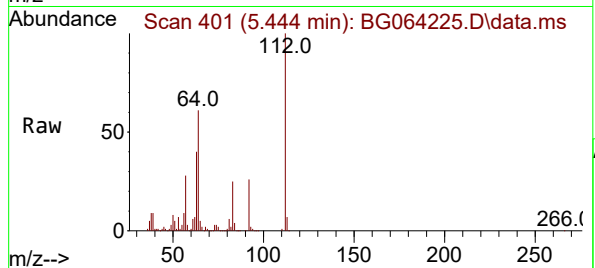
63 39.8 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#6

Aniline

Concen: 79.710 ng

RT: 7.189 min Scan# 698

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

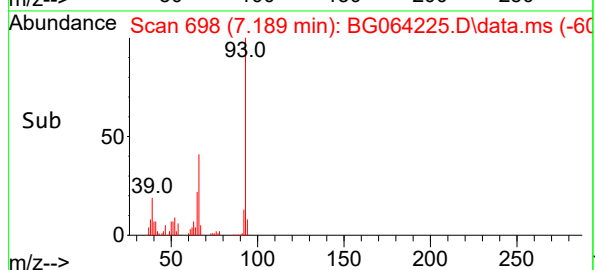
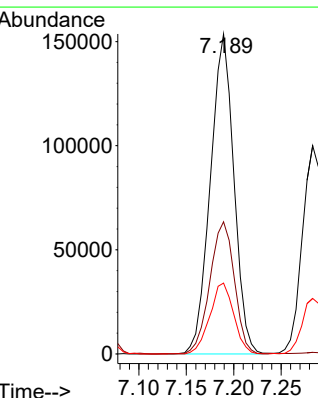
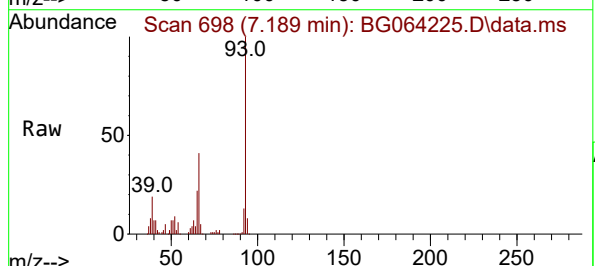
Tgt Ion: 93 Resp: 265369

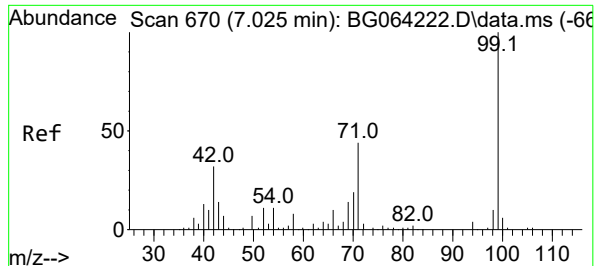
Ion Ratio Lower Upper

93 100

66 41.3 33.8 50.8

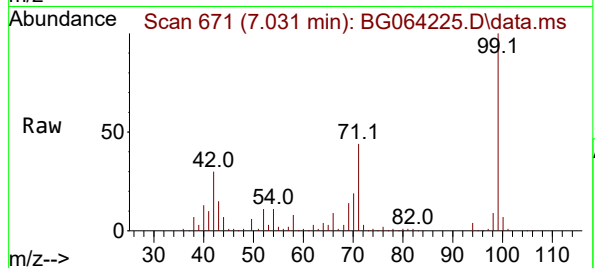
65 22.2 16.9 25.3





#7  
Phenol-d6  
Concen: 160.002 ng  
RT: 7.031 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

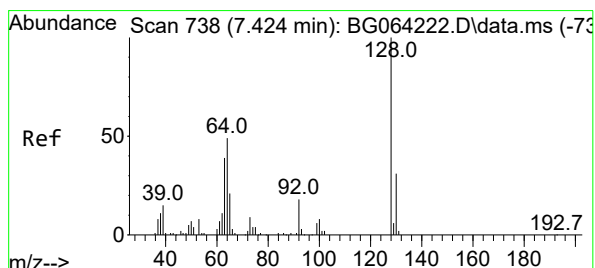
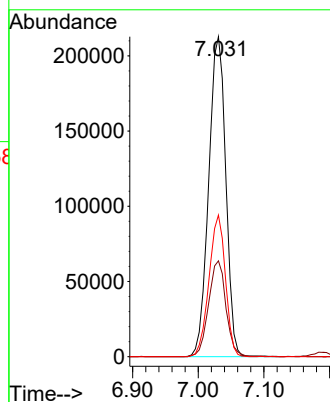
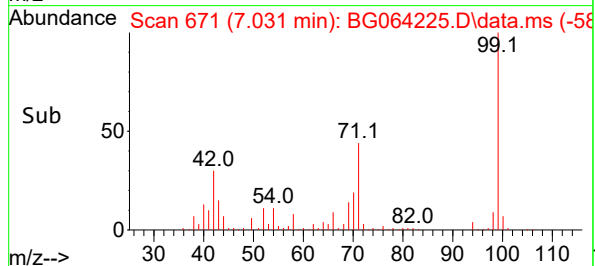
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 99 Resp: 38519  
Ion Ratio Lower Upper  
99 100  
42 29.9 25.8 38.8  
71 44.3 35.2 52.8

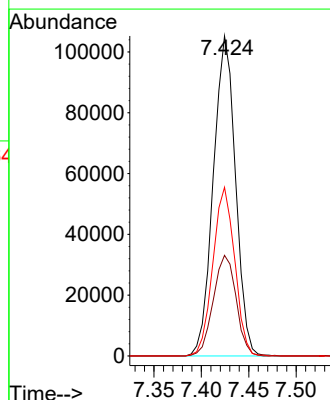
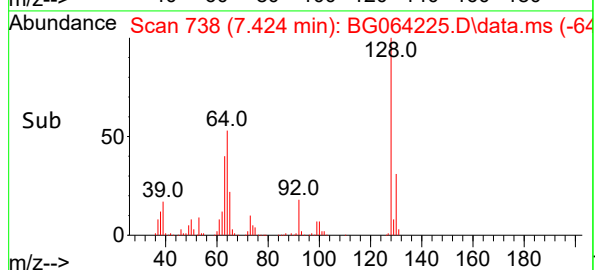
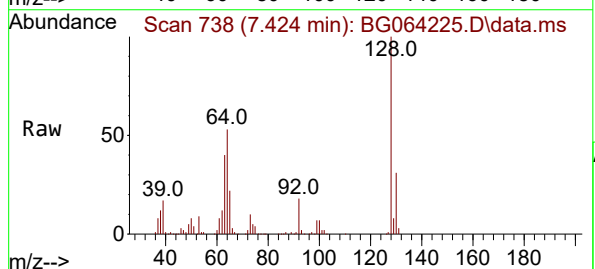
Manual Integrations  
APPROVED

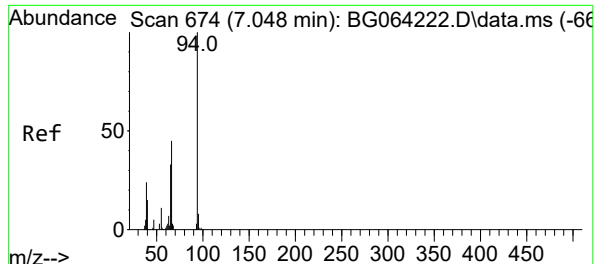
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#8  
2-Chlorophenol  
Concen: 80.124 ng  
RT: 7.424 min Scan# 738  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

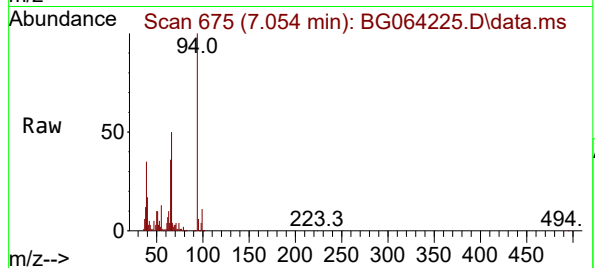
Tgt Ion:128 Resp: 171573  
Ion Ratio Lower Upper  
128 100  
130 31.4 10.9 50.9  
64 52.7 28.7 68.7





#10  
Phenol  
Concen: 80.484 ng  
RT: 7.054 min Scan# 675  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

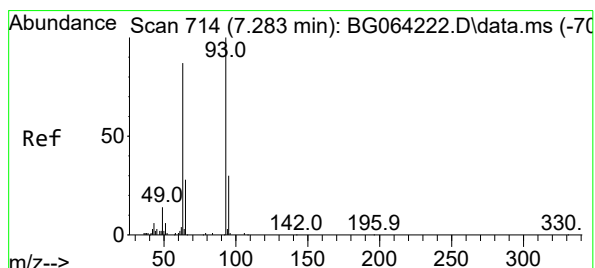
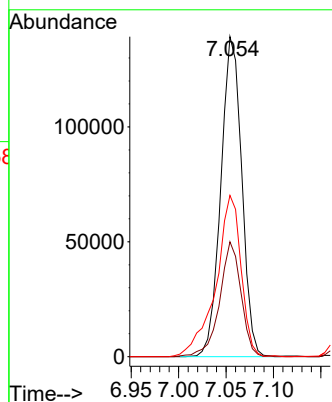
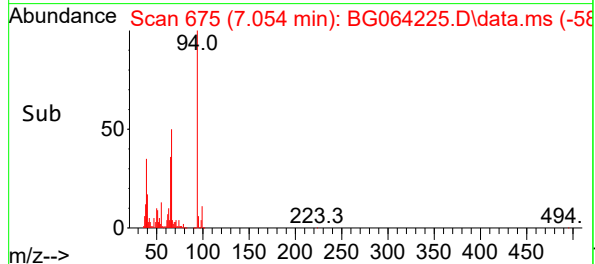
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 94 Resp: 21362  
Ion Ratio Lower Upper  
94 100  
65 35.9 13.5 53.5  
66 50.4 26.2 66.2

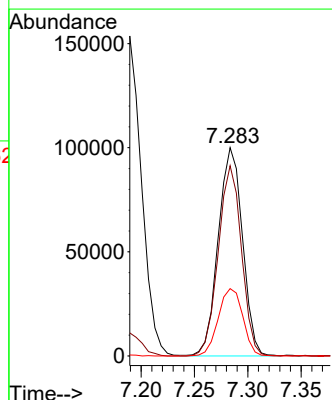
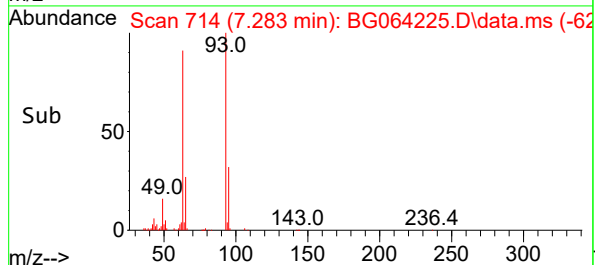
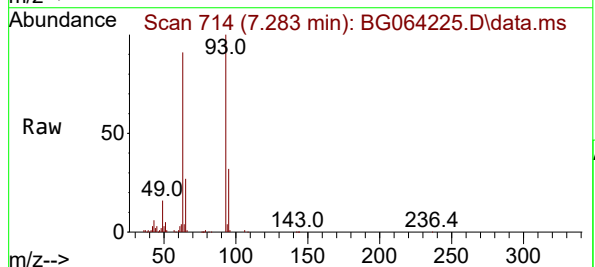
Manual Integrations  
APPROVED

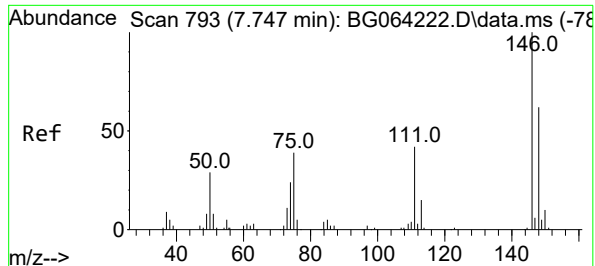
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#11  
bis(2-Chloroethyl)ether  
Concen: 79.334 ng  
RT: 7.283 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion: 93 Resp: 158234  
Ion Ratio Lower Upper  
93 100  
63 91.3 66.2 106.2  
95 32.3 9.8 49.8





#12

1,3-Dichlorobenzene

Concen: 77.530 ng

RT: 7.747 min Scan# 793

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 176619

Ion Ratio Lower Upper

146 100

148 63.2 49.6 74.4

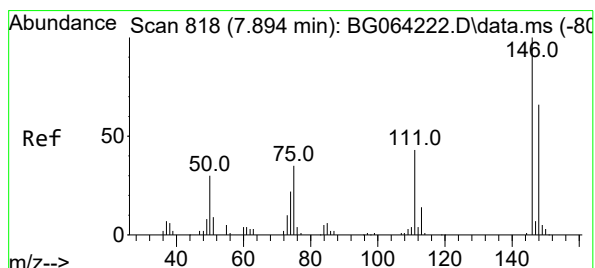
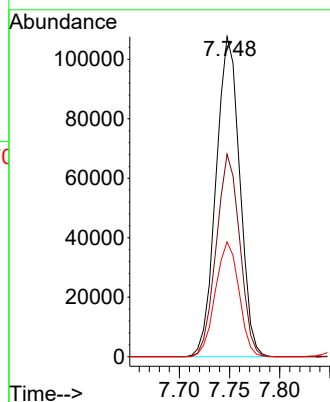
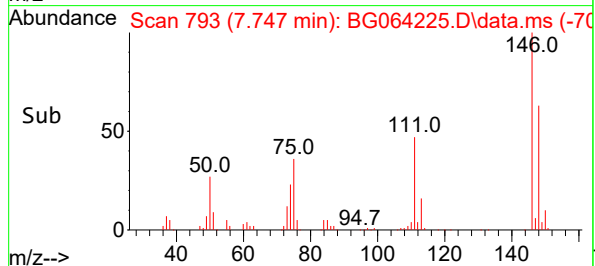
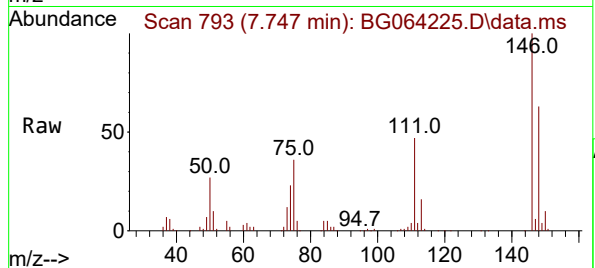
75 35.9 31.0 46.6

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#13

1,4-Dichlorobenzene

Concen: 76.475 ng

RT: 7.894 min Scan# 818

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

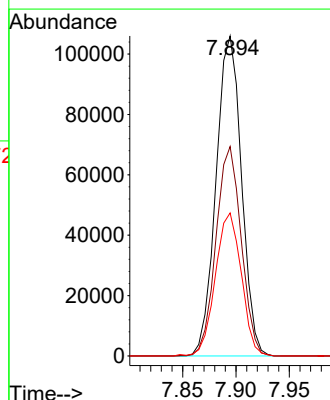
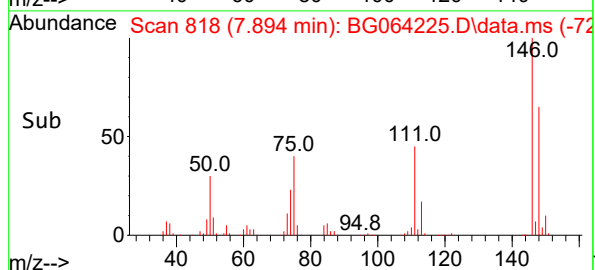
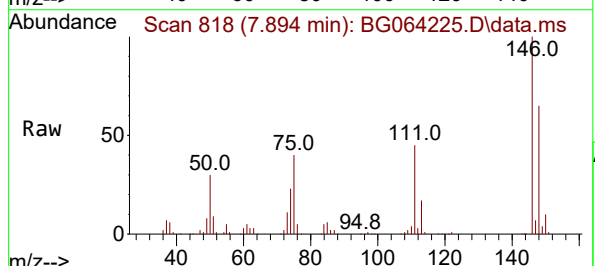
Tgt Ion:146 Resp: 175825

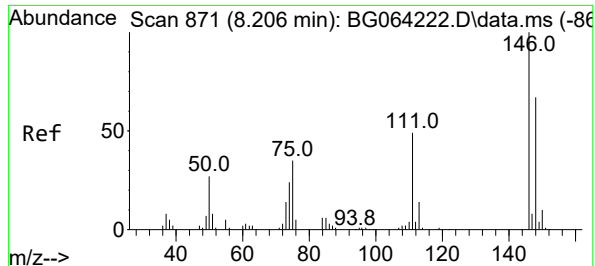
Ion Ratio Lower Upper

146 100

148 65.4 52.8 79.2

111 44.7 34.1 51.1





#14

1,2-Dichlorobenzene

Concen: 78.562 ng

RT: 8.212 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 17432

Ion Ratio Lower Upper

146 100

148 61.2 53.4 80.0

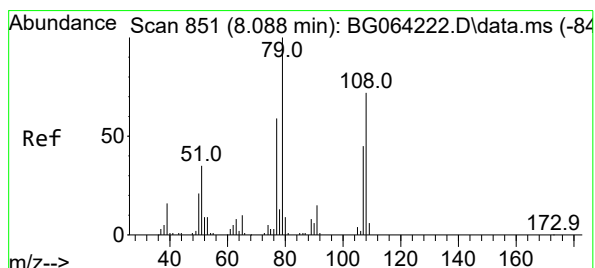
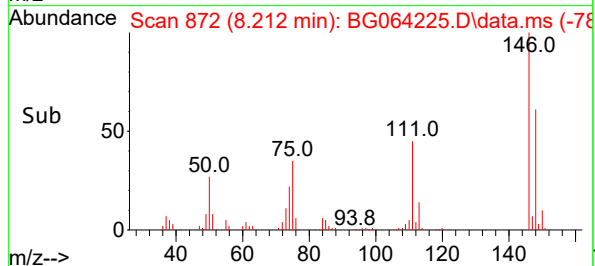
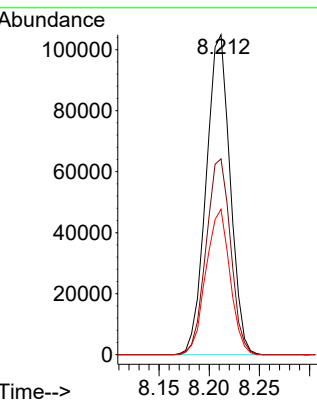
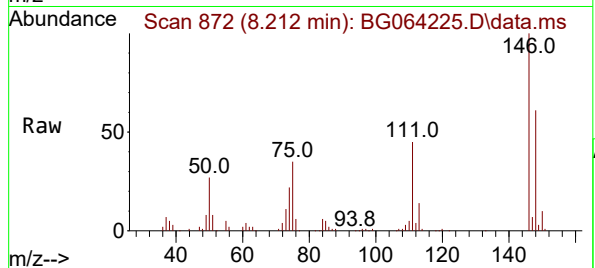
111 45.5 39.1 58.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#15

Benzyl Alcohol

Concen: 82.109 ng

RT: 8.094 min Scan# 852

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

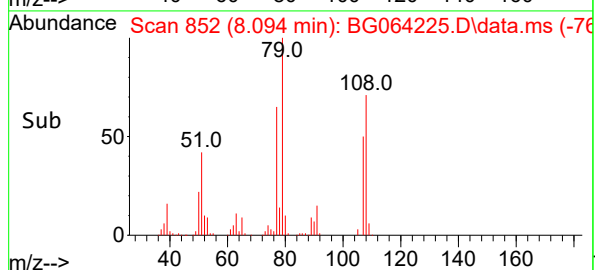
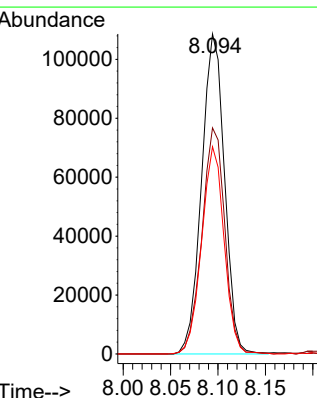
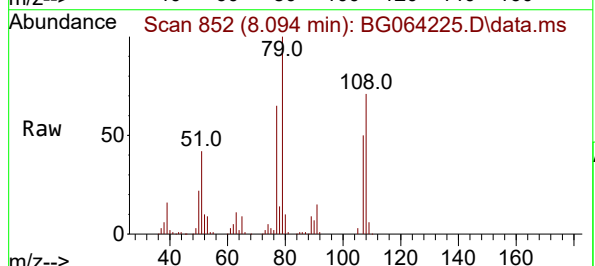
Tgt Ion: 79 Resp: 182418

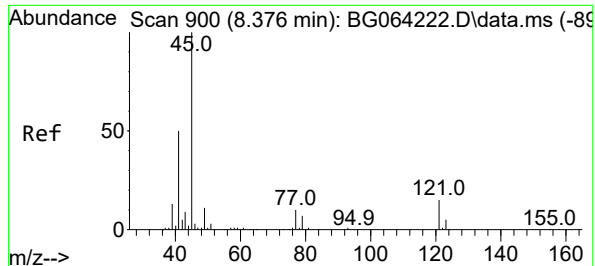
Ion Ratio Lower Upper

79 100

108 70.6 57.4 86.0

77 64.8 47.2 70.8





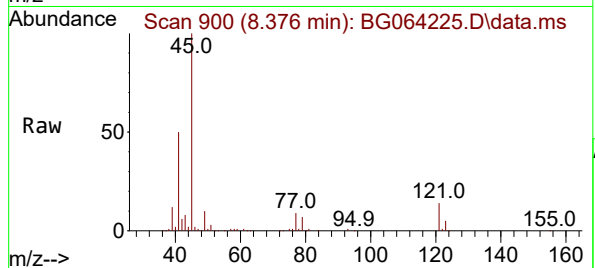
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 77.403 ng  
RT: 8.376 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

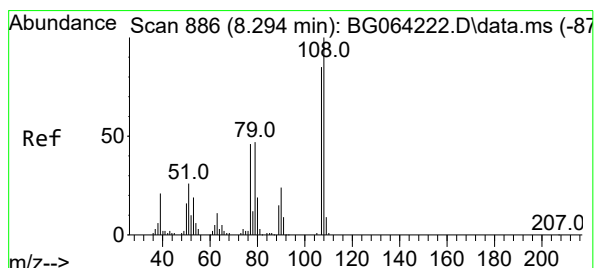
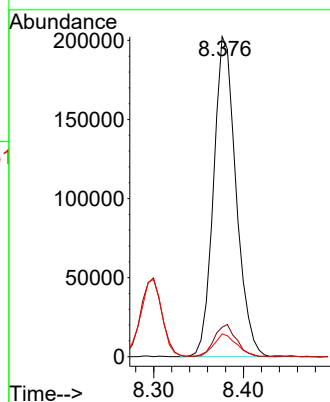
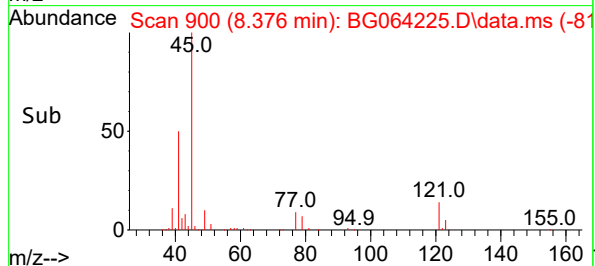


Tgt Ion: 45 Resp: 352470  
Ion Ratio Lower Upper  
45 100  
77 9.2 0.0 30.0  
79 7.1 0.0 27.9

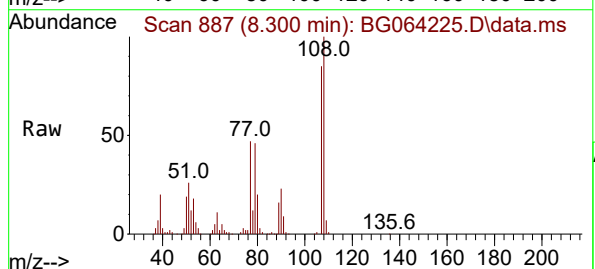
Manual Integrations

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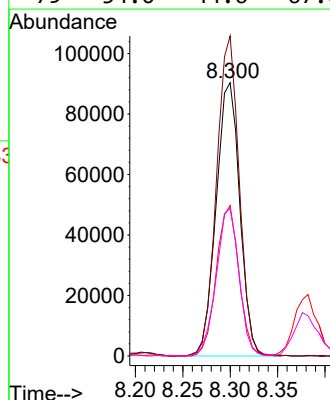
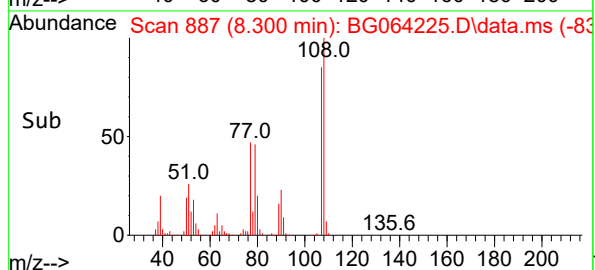
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

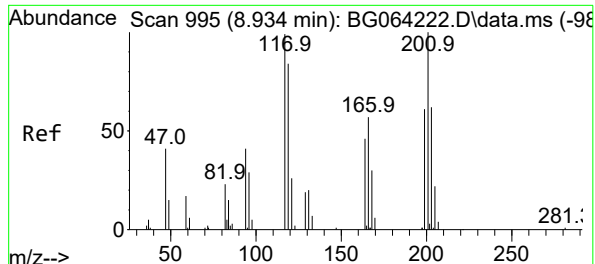


#17  
2-Methylphenol  
Concen: 79.212 ng  
RT: 8.300 min Scan# 887  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16



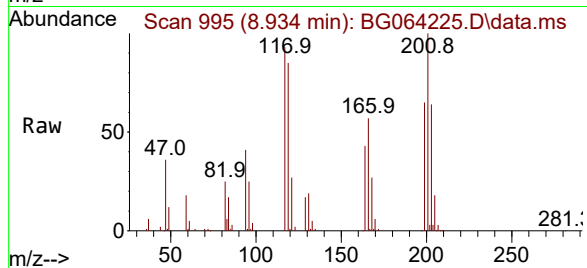
Tgt Ion:107 Resp: 156695  
Ion Ratio Lower Upper  
107 100  
108 117.1 94.6 141.8  
77 55.0 43.7 65.5  
79 54.0 44.6 67.0





#18  
Hexachloroethane  
Concen: 79.402 ng  
RT: 8.934 min Scan# 995  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

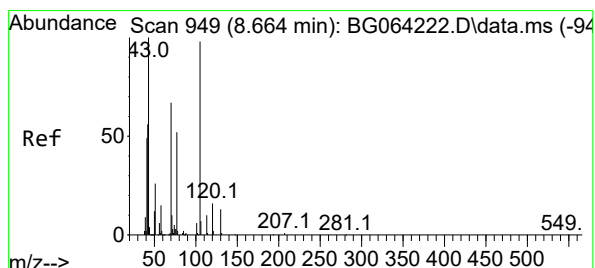
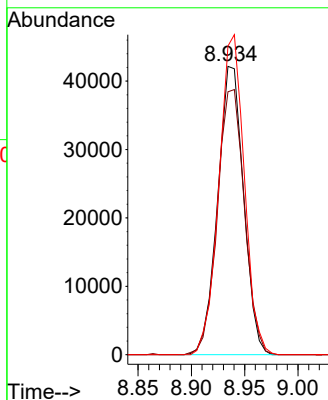
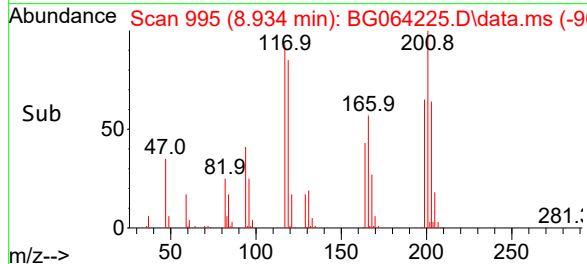
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:117 Resp: 71260  
Ion Ratio Lower Upper  
117 100  
119 91.2 67.9 101.9  
201 107.0 80.5 120.7

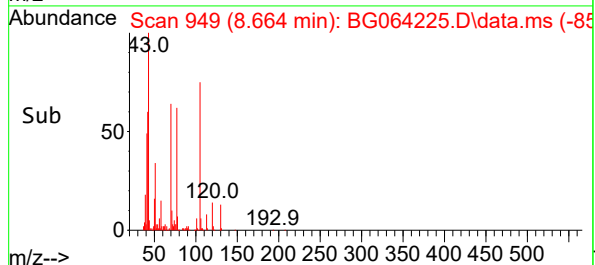
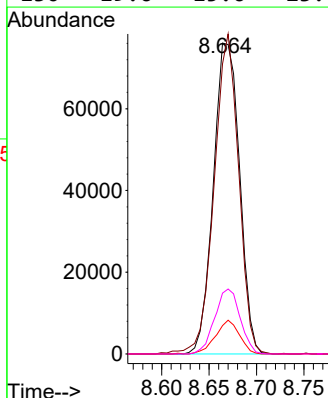
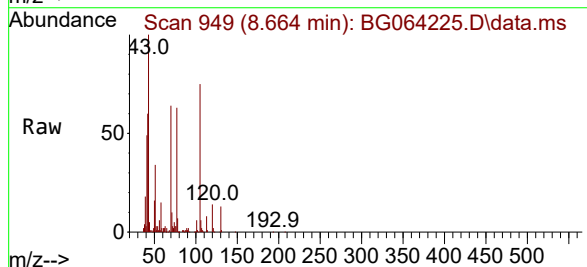
Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

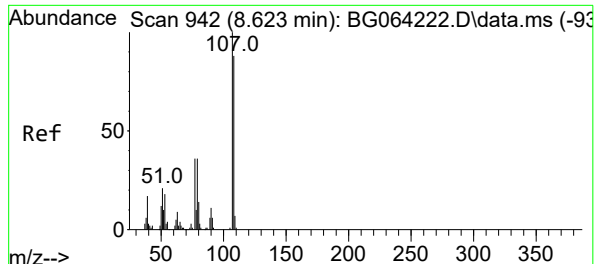


#19  
n-Nitroso-di-n-propylamine  
Concen: 79.439 ng  
RT: 8.664 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion: 70 Resp: 146366  
Ion Ratio Lower Upper  
70 100  
42 93.3 67.9 101.9  
101 9.1 7.3 10.9  
130 19.6 15.6 23.4







#20

3+4-Methylphenols

Concen: 80.195 ng

RT: 8.629 min Scan# 94

Delta R.T. 0.000 min

Lab File: BG064225.D

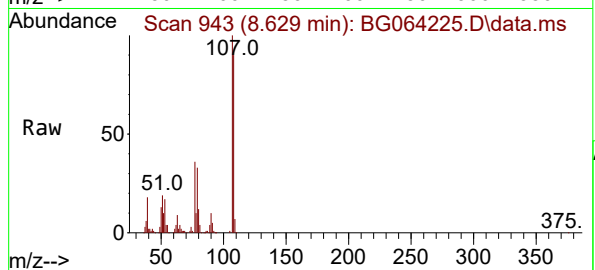
Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 220429

Ion Ratio Lower Upper

107 100

108 89.6 68.1 108.1

77 36.5 15.9 55.9

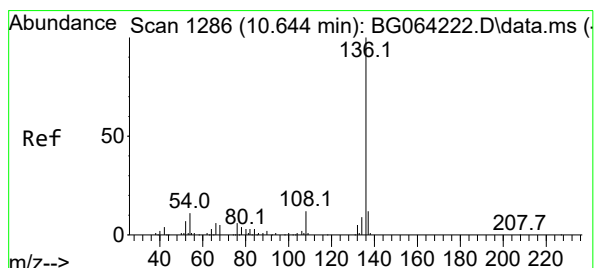
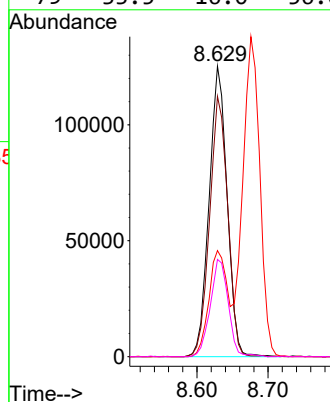
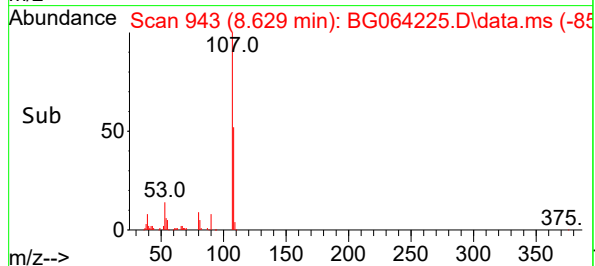
79 33.5 16.0 56.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.650 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Tgt Ion:136 Resp: 150999

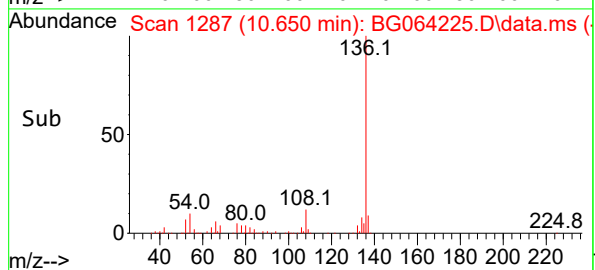
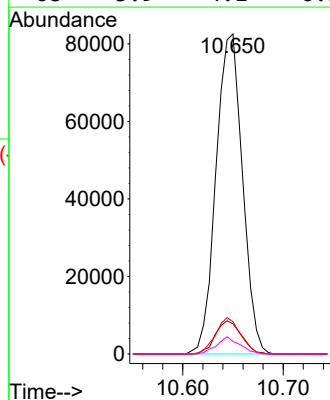
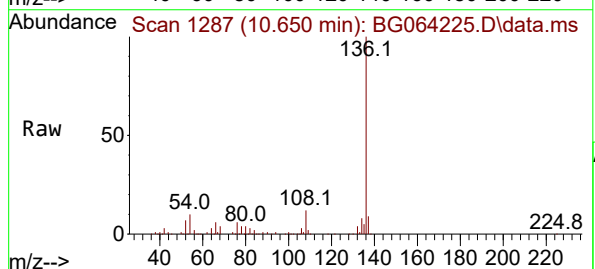
Ion Ratio Lower Upper

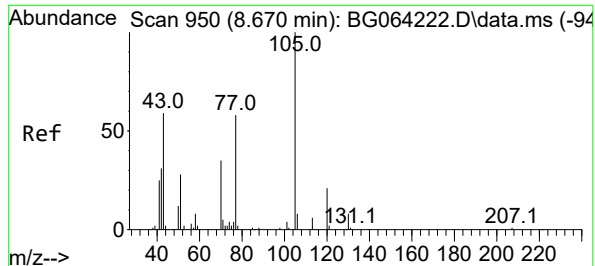
136 100

137 9.4 9.6 14.4#

54 10.1 8.8 13.2

68 3.9 4.1 6.1#





#22

Acetophenone

Concen: 77.746 ng

RT: 8.676 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 297000

Ion Ratio Lower Upper

105 100

71 6.6 4.3 6.5

51 42.1 32.4 48.6

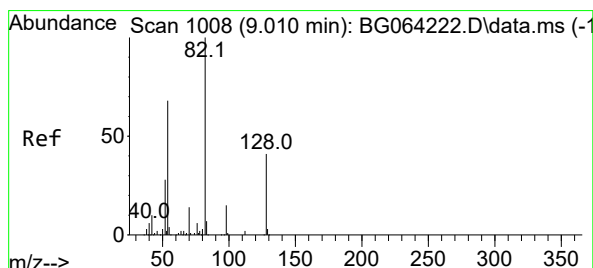
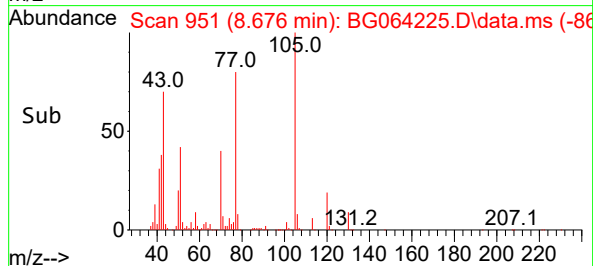
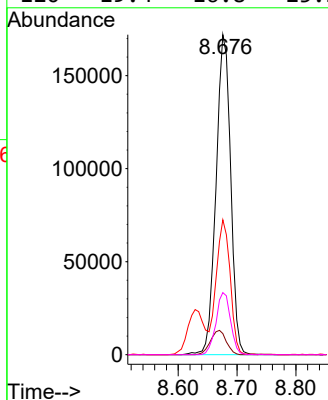
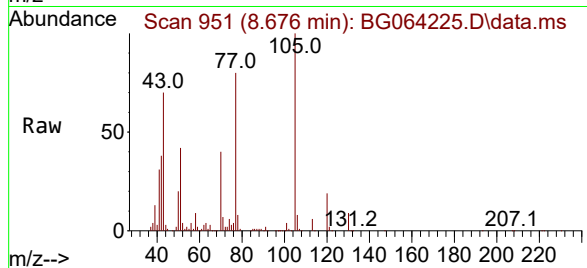
120 19.4 16.8 25.2

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#23

Nitrobenzene-d5

Concen: 160.831 ng

RT: 9.017 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

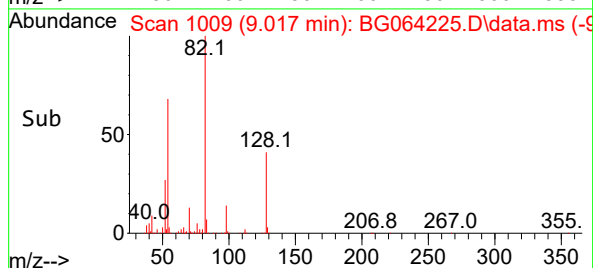
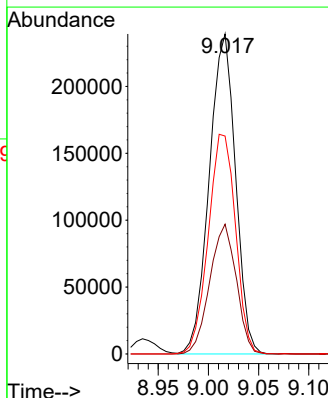
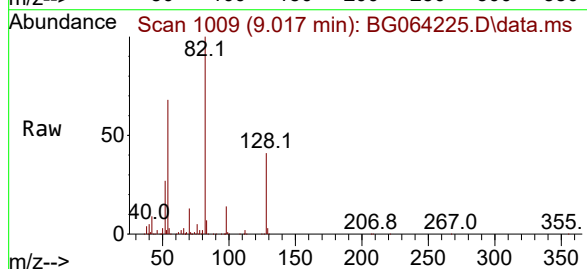
Tgt Ion: 82 Resp: 435451

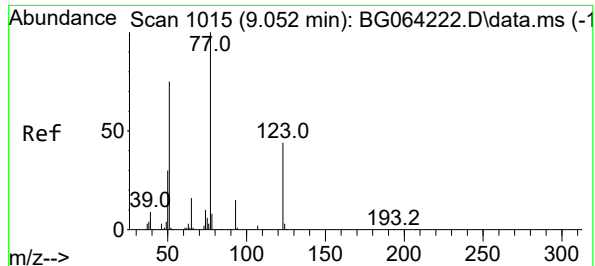
Ion Ratio Lower Upper

82 100

128 40.6 32.6 48.8

54 68.1 54.7 82.1





#24

Nitrobenzene

Concen: 80.047 ng

RT: 9.058 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 22644

Ion Ratio Lower Upper

77 100

123 45.5 35.2 52.8

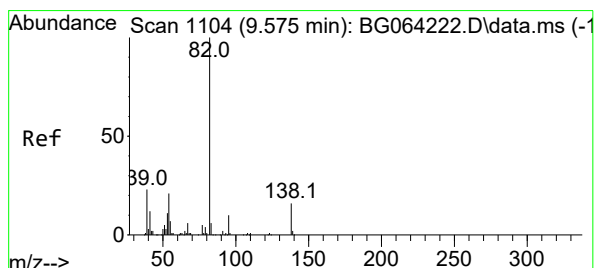
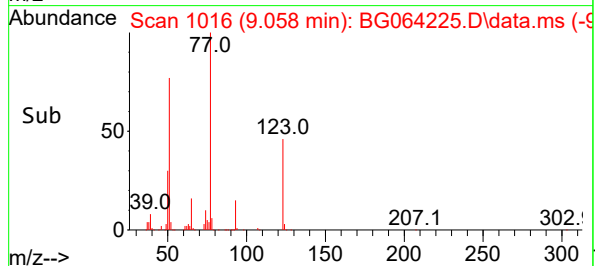
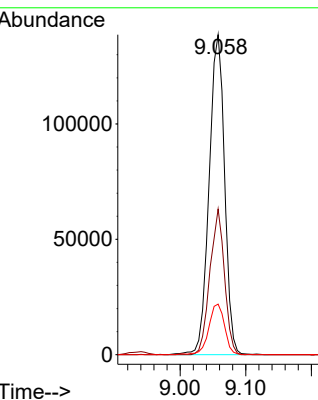
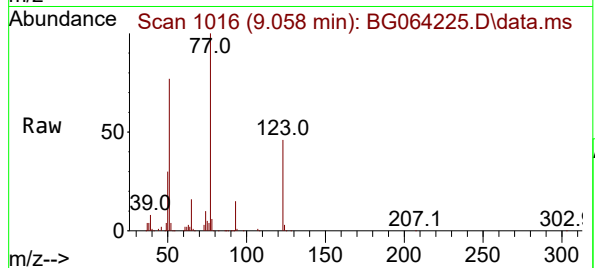
65 15.8 12.6 19.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#25

Isophorone

Concen: 77.734 ng

RT: 9.587 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

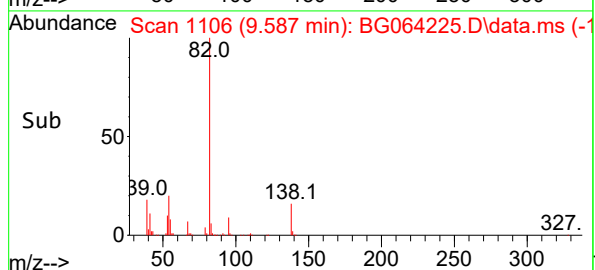
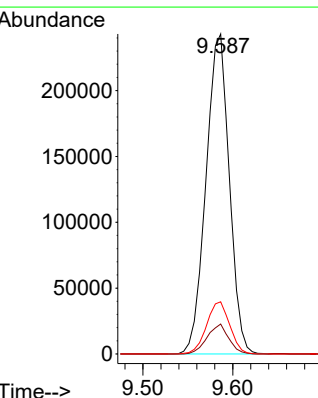
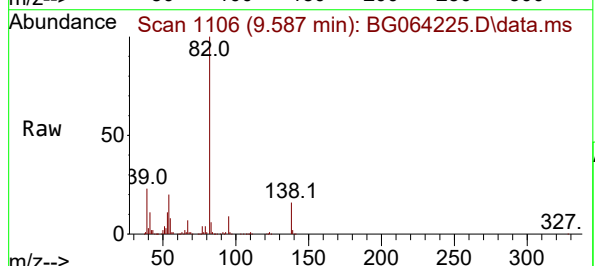
Tgt Ion: 82 Resp: 437415

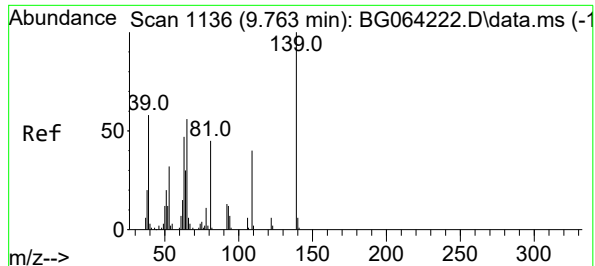
Ion Ratio Lower Upper

82 100

95 9.4 7.9 11.9

138 16.3 13.0 19.4





#26

2-Nitrophenol

Concen: 84.539 ng

RT: 9.763 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:139 Resp: 10333

Ion Ratio Lower Upper

139 100

109 45.8 32.4 48.6

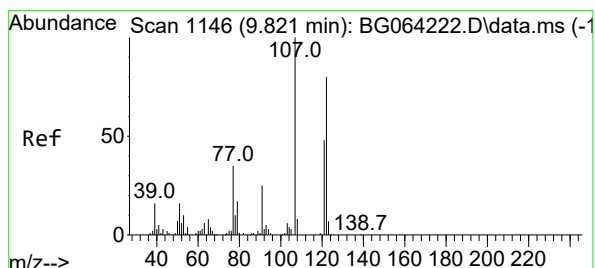
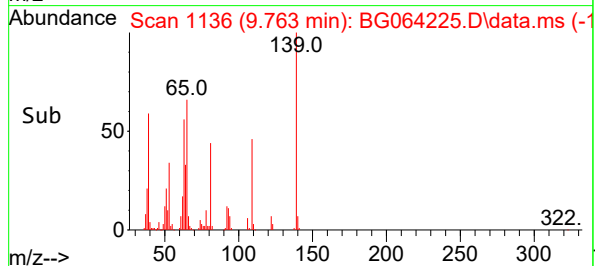
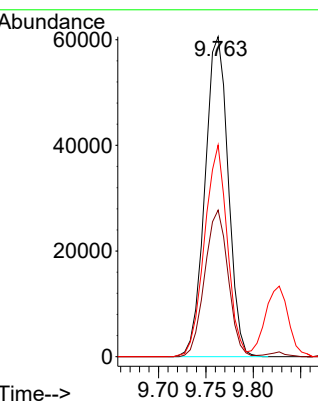
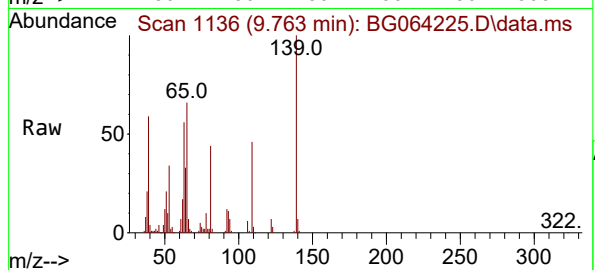
65 66.1 44.6 67.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#27

2,4-Dimethylphenol

Concen: 78.649 ng

RT: 9.827 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

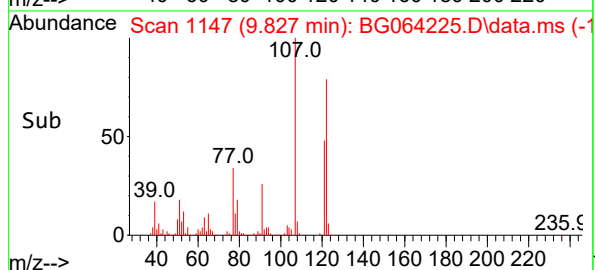
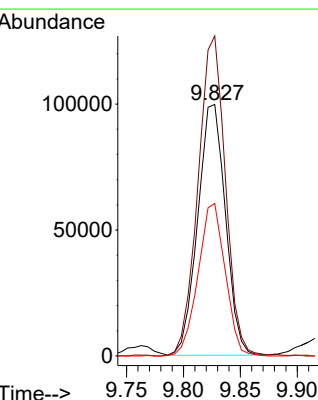
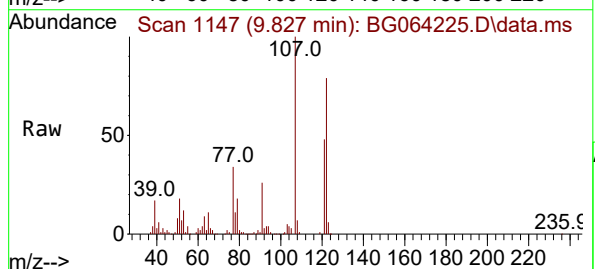
Tgt Ion:122 Resp: 168782

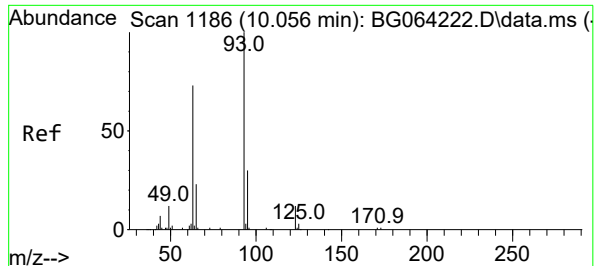
Ion Ratio Lower Upper

122 100

107 127.3 99.9 149.9

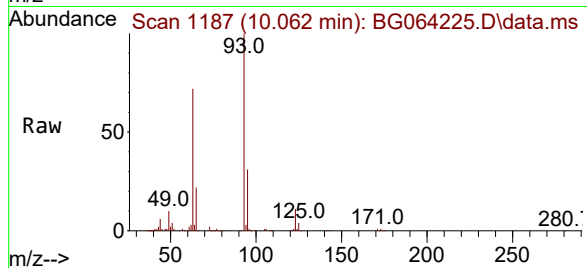
121 60.7 48.6 72.8





#28  
bis(2-Chloroethoxy)methane  
Concen: 77.887 ng  
RT: 10.062 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

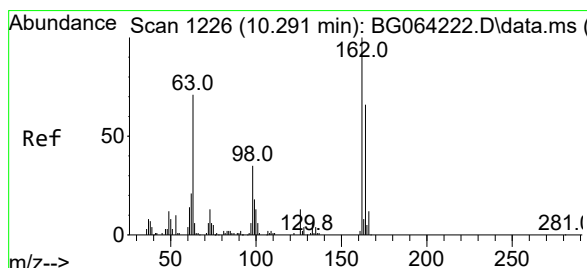
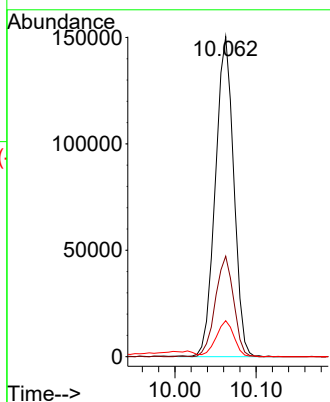
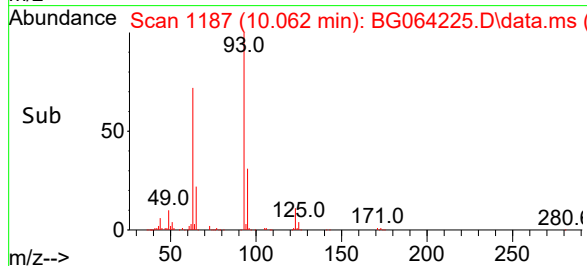
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 93 Resp: 23632  
Ion Ratio Lower Upper  
93 100  
95 31.4 23.9 35.9  
123 11.3 9.6 14.4

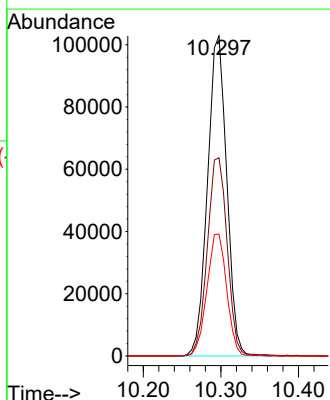
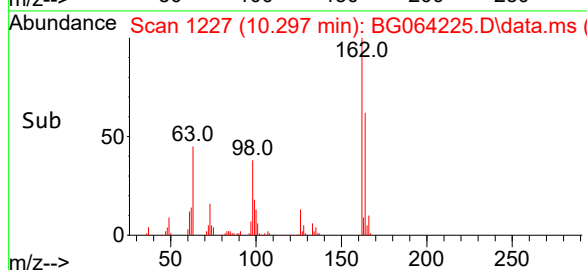
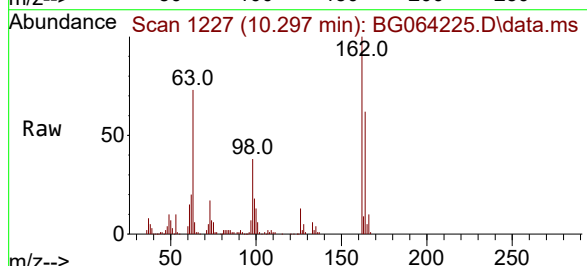
Manual Integrations  
APPROVED

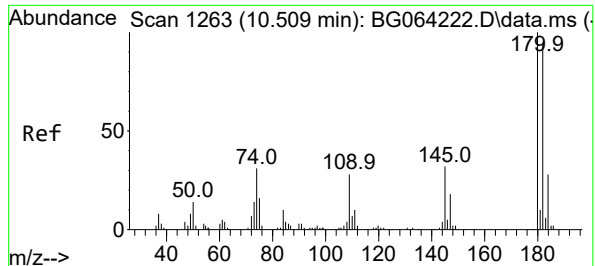
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#29  
2,4-Dichlorophenol  
Concen: 78.397 ng  
RT: 10.297 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

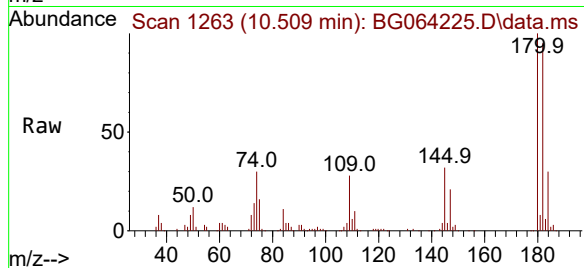
Tgt Ion:162 Resp: 177516  
Ion Ratio Lower Upper  
162 100  
164 61.9 45.8 85.8  
98 38.1 15.2 55.2





#30  
1,2,4-Trichlorobenzene  
Concen: 77.085 ng  
RT: 10.509 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

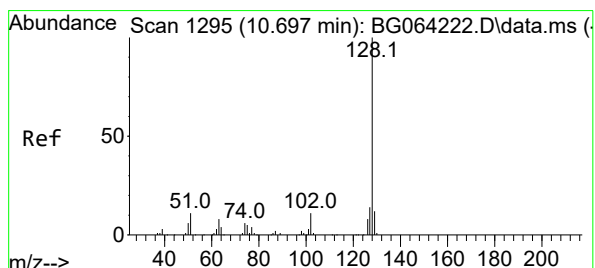
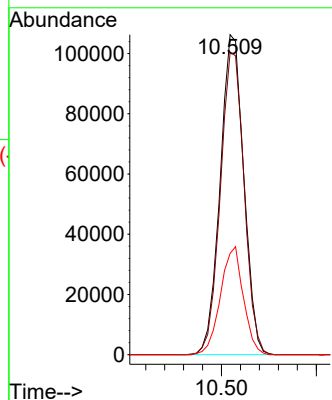
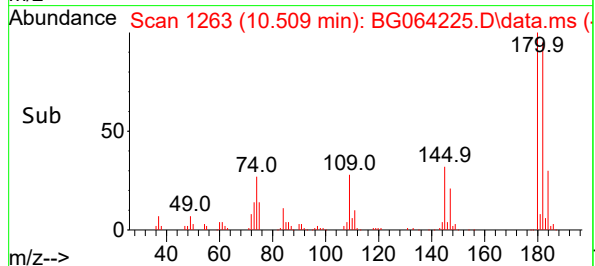
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:180 Resp: 184039  
Ion Ratio Lower Upper  
180 100  
182 94.6 75.0 112.6  
145 31.6 25.4 38.0

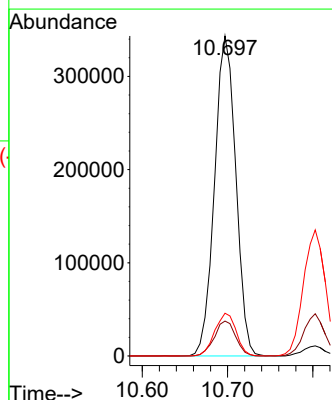
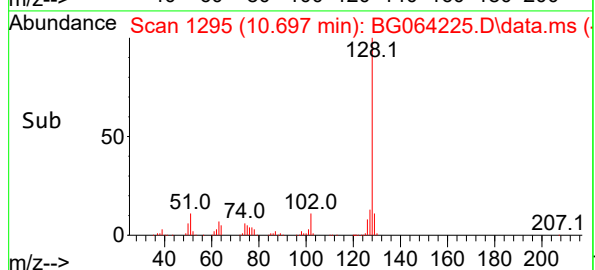
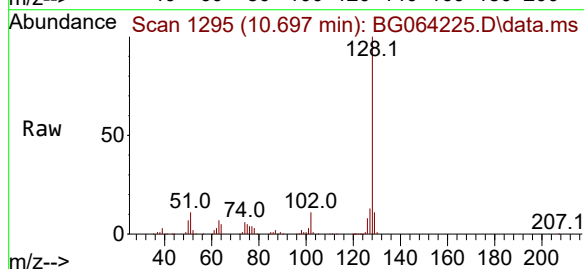
Manual Integrations  
APPROVED

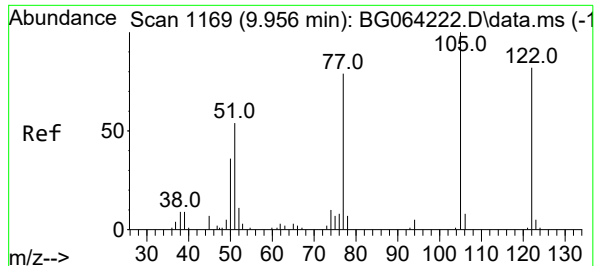
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#31  
Naphthalene  
Concen: 76.094 ng  
RT: 10.697 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:128 Resp: 595827  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.4 14.2  
127 13.4 10.9 16.3





#32

Benzoic acid

Concen: 86.767 ng m

RT: 10.015 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 147808

Ion Ratio Lower Upper

122 100

105 117.3 98.5 138.5

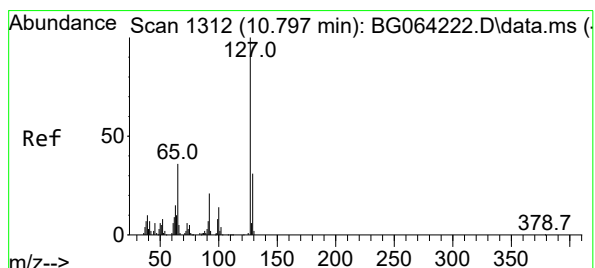
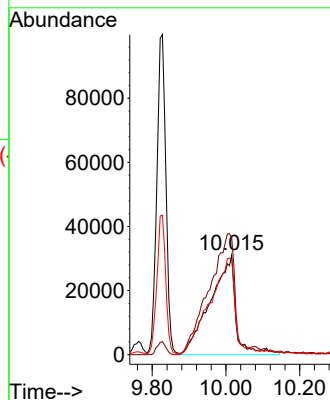
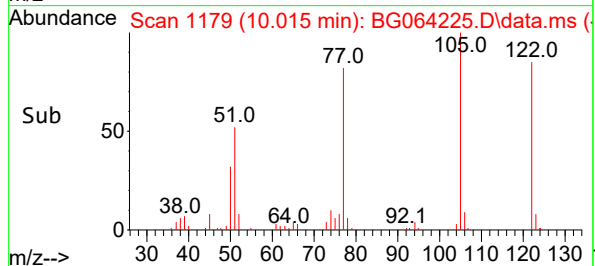
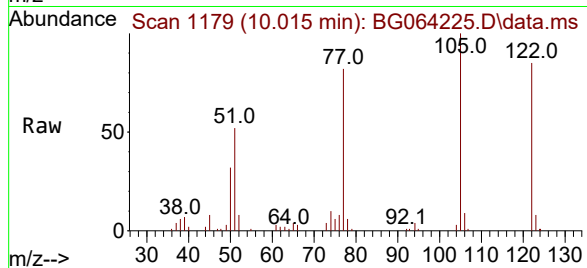
77 95.6 74.6 114.6

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#33

4-Chloroaniline

Concen: 79.915 ng

RT: 10.803 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Tgt Ion:127 Resp: 242526

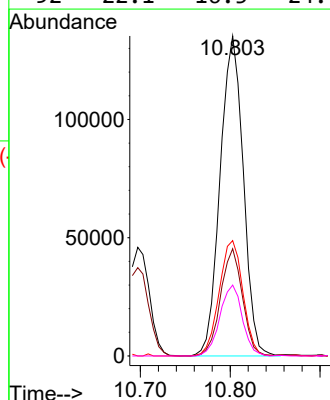
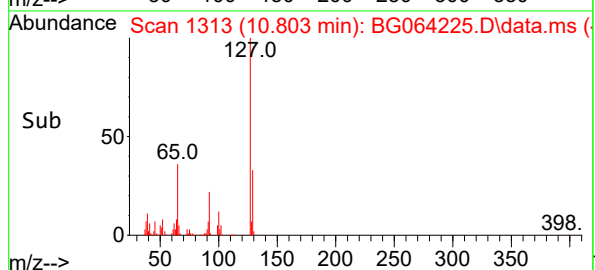
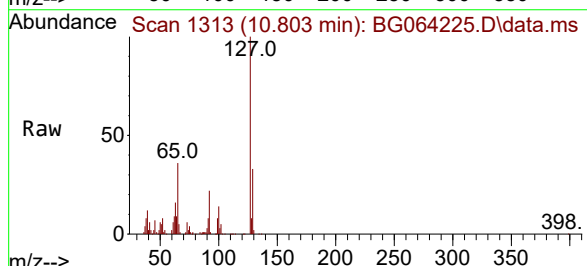
Ion Ratio Lower Upper

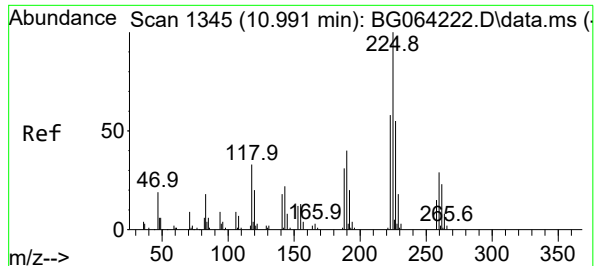
127 100

129 33.5 25.0 37.4

65 36.1 28.7 43.1

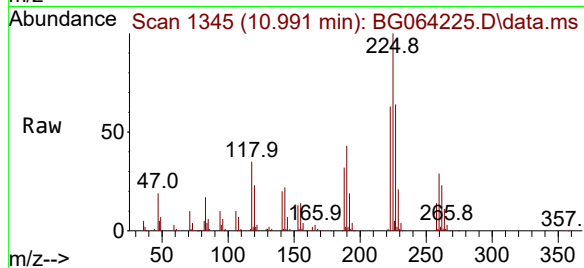
92 22.1 16.5 24.7





#34  
Hexachlorobutadiene  
Concen: 76.987 ng  
RT: 10.991 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

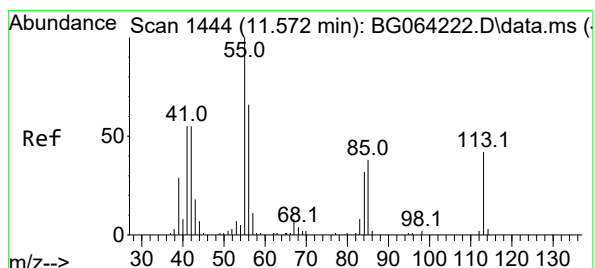
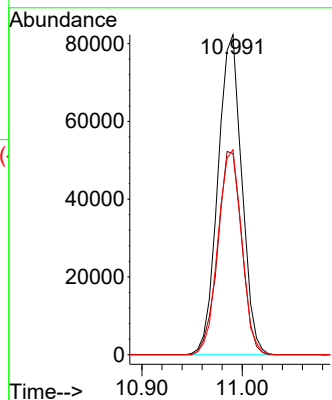
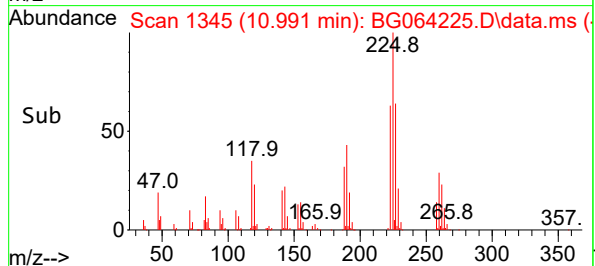
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:225 Resp: 13586  
Ion Ratio Lower Upper  
225 100  
223 62.9 46.5 69.7  
227 64.0 44.1 66.1

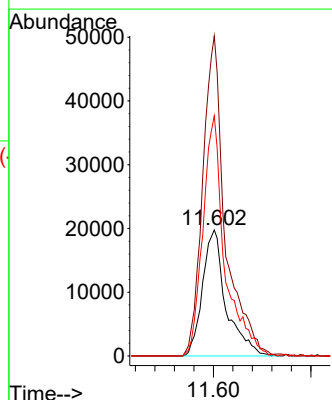
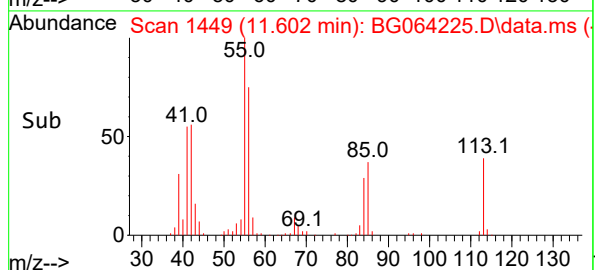
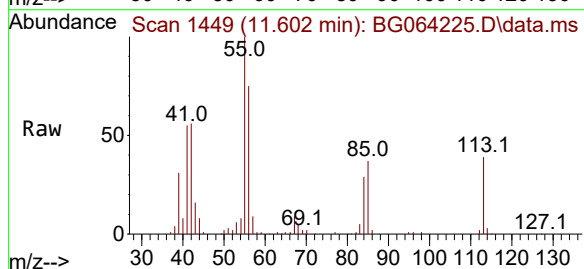
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

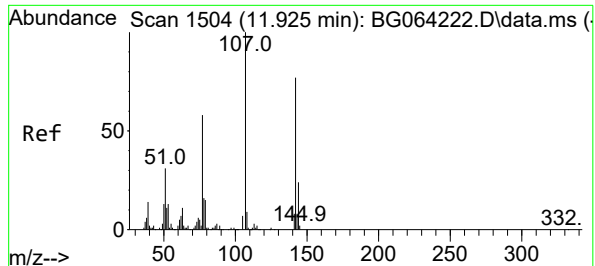


#35  
Caprolactam  
Concen: 75.695 ng  
RT: 11.602 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:113 Resp: 66367  
Ion Ratio Lower Upper  
113 100  
55 253.7 218.5 258.5  
56 190.4 138.5 178.5#

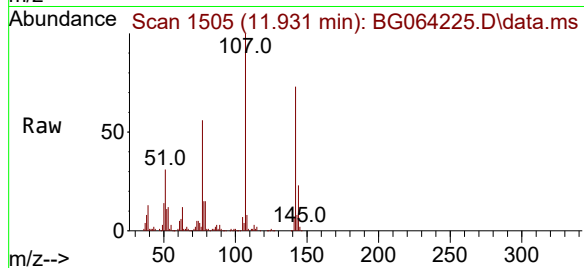






#36  
4-Chloro-3-methylphenol  
Concen: 78.708 ng  
RT: 11.931 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

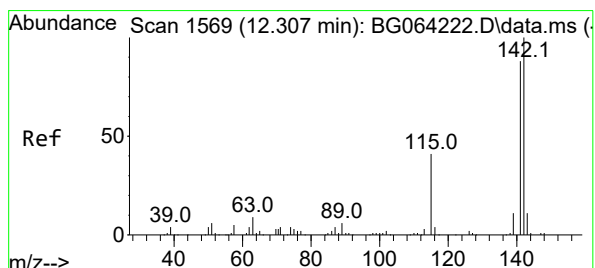
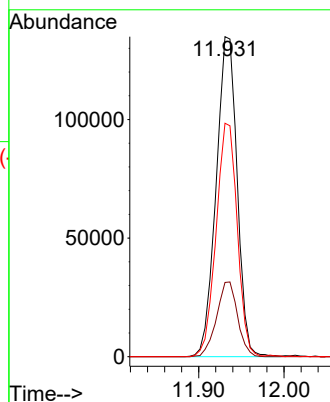
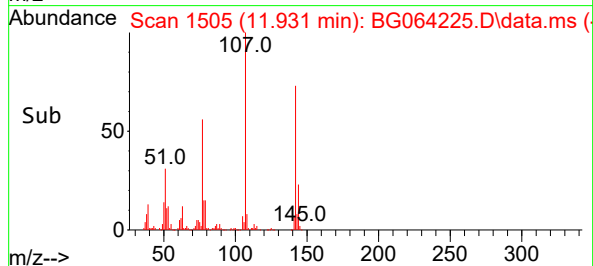
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:107 Resp: 231233  
Ion Ratio Lower Upper  
107 100  
144 23.2 19.5 29.3  
142 73.0 62.0 93.0

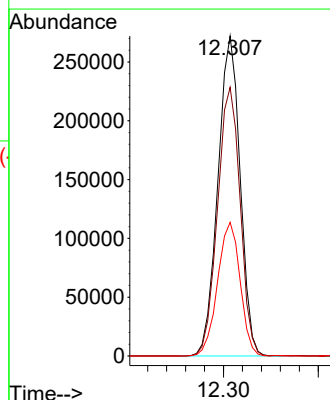
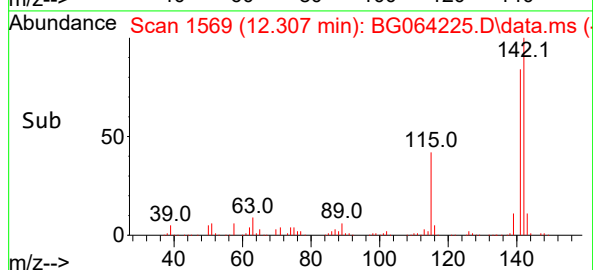
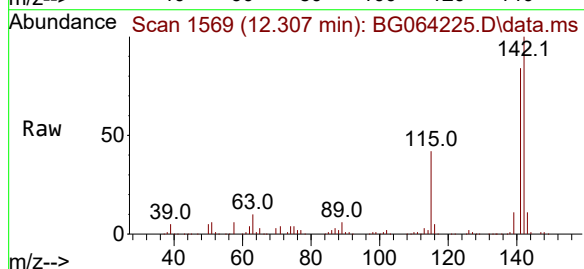
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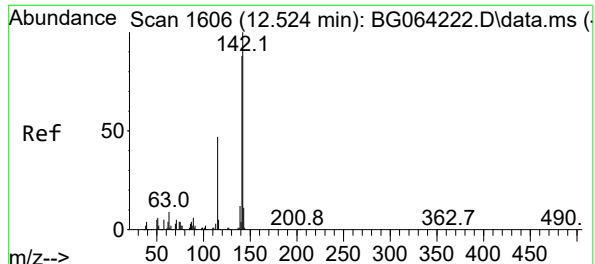
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#37  
2-Methylnaphthalene  
Concen: 76.128 ng  
RT: 12.307 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:142 Resp: 443073  
Ion Ratio Lower Upper  
142 100  
141 84.0 70.1 105.1  
115 41.8 33.1 49.7





#38

1-Methylnaphthalene

Concen: 75.825 ng

RT: 12.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 43589

Ion Ratio Lower Upper

142 100

141 83.9 70.3 105.5

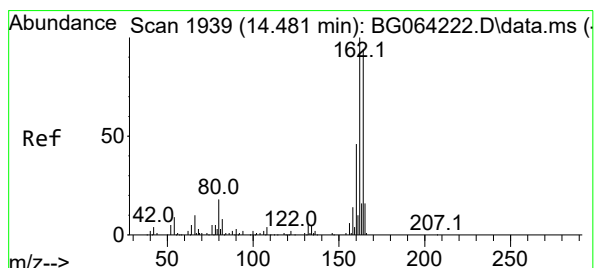
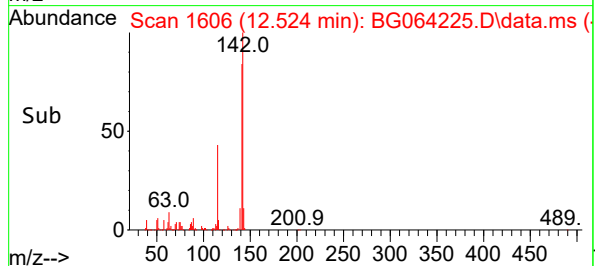
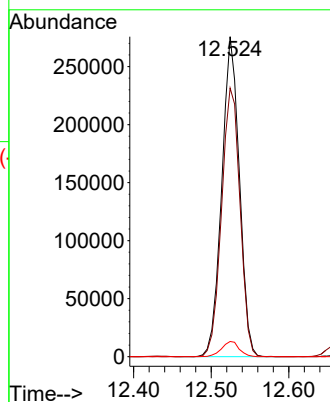
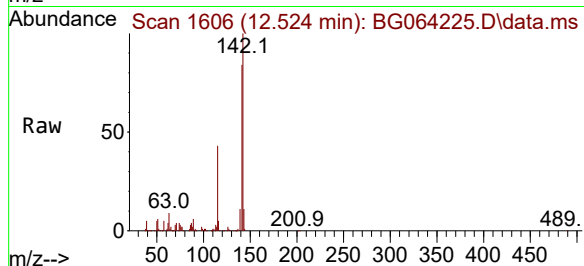
116 4.8 3.7 5.5

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

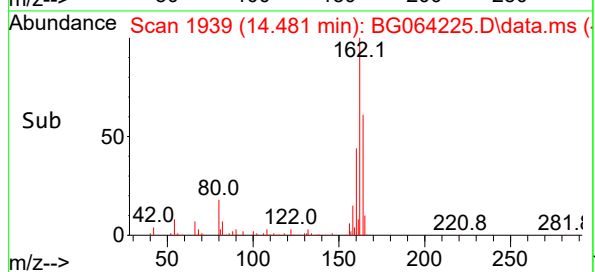
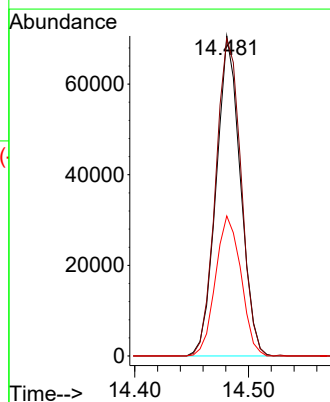
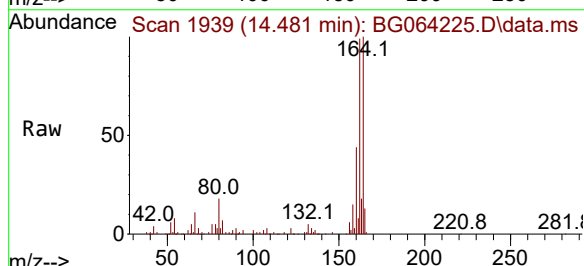
Tgt Ion:164 Resp: 104548

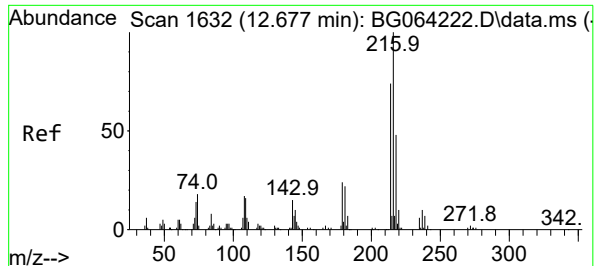
Ion Ratio Lower Upper

164 100

162 99.2 85.4 128.0

160 43.8 39.2 58.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.906 ng

RT: 12.677 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BG064225.D

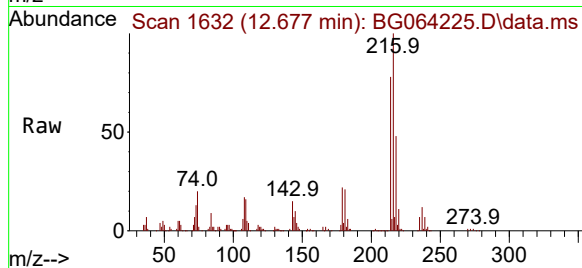
Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



Tgt Ion:216 Resp: 241038

Ion Ratio Lower Upper

216 100

214 77.8 61.9 92.9

179 22.1 17.9 26.9

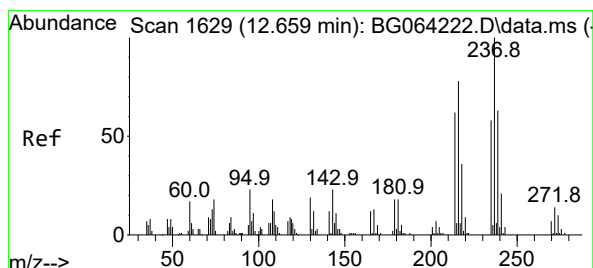
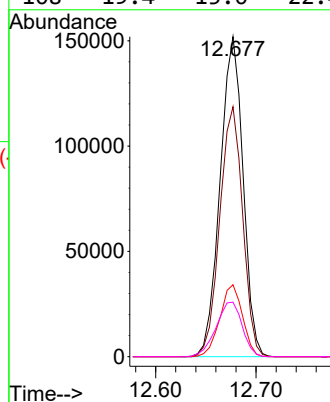
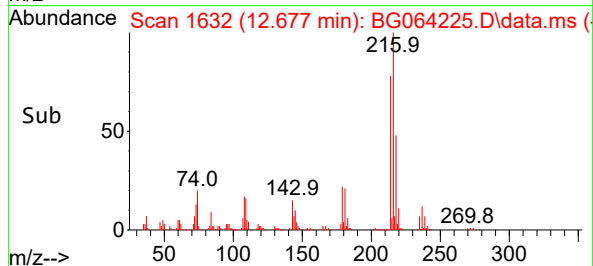
108 19.4 15.0 22.4

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#41

Hexachlorocyclopentadiene

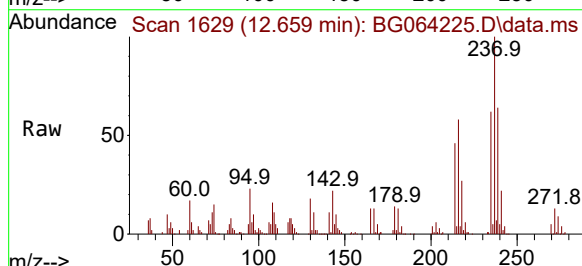
Concen: 86.438 ng

RT: 12.659 min Scan# 1629

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16



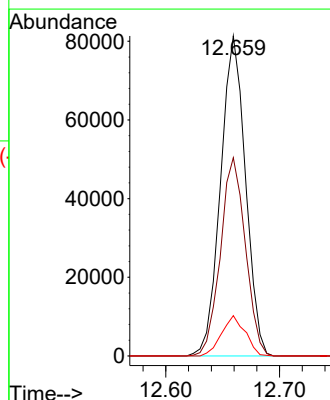
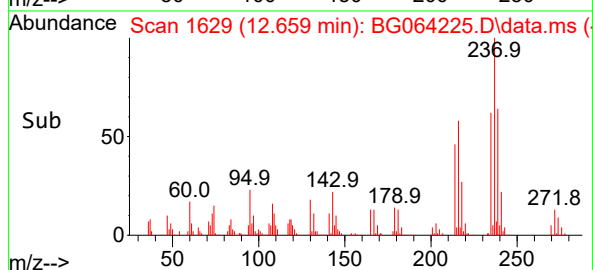
Tgt Ion:237 Resp: 123923

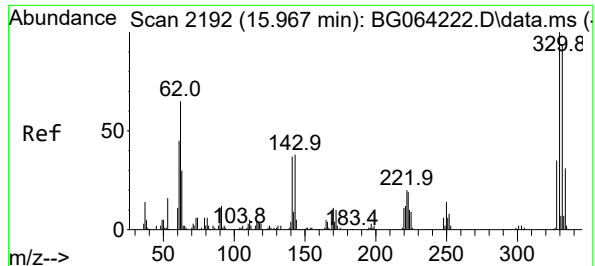
Ion Ratio Lower Upper

237 100

235 62.0 37.9 77.9

272 12.6 0.0 33.8





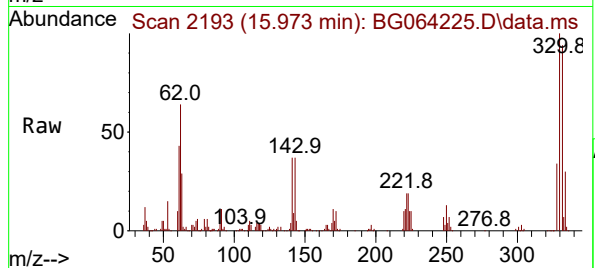
#42  
2,4,6-Tribromophenol  
Concen: 152.168 ng  
RT: 15.973 min Scan# 2193  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

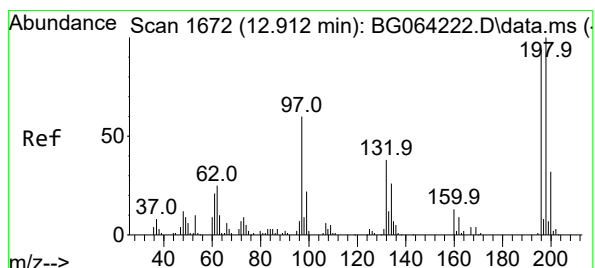
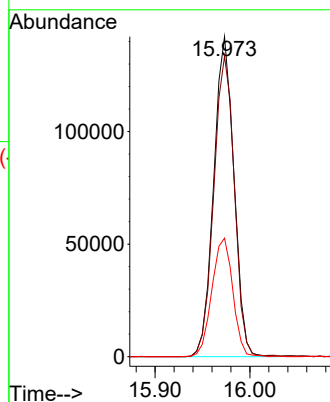
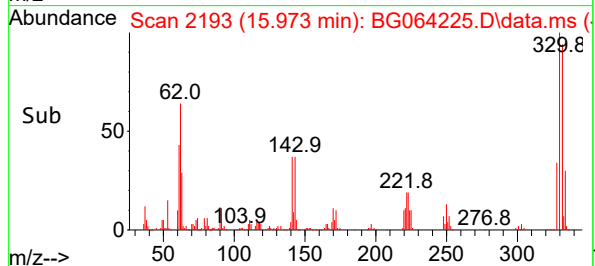


Tgt Ion:330 Resp: 210720  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.6 116.4  
141 38.3 29.8 44.6

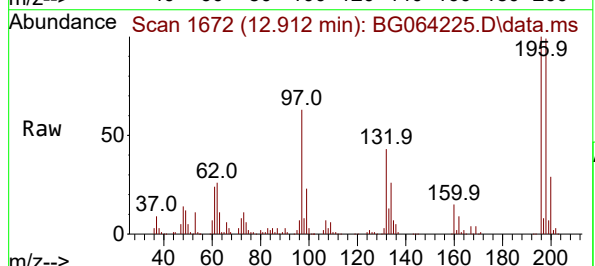
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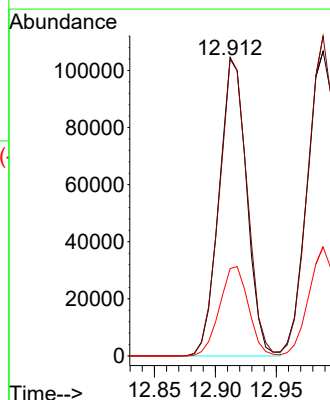
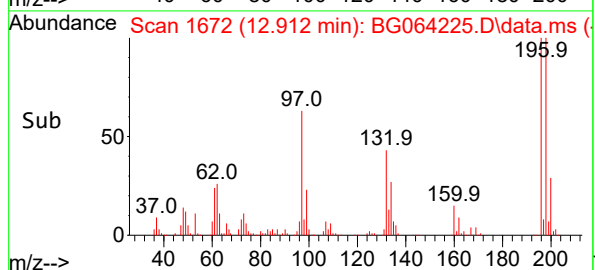
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

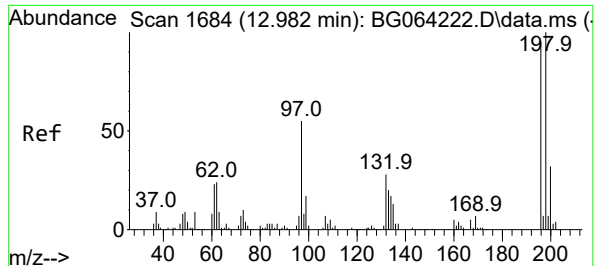


#43  
2,4,6-Trichlorophenol  
Concen: 81.670 ng  
RT: 12.912 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16



Tgt Ion:196 Resp: 164665  
Ion Ratio Lower Upper  
196 100  
198 99.4 85.4 128.2  
200 29.2 27.3 40.9





#44

2,4,5-Trichlorophenol

Concen: 80.969 ng

RT: 12.988 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064225.D

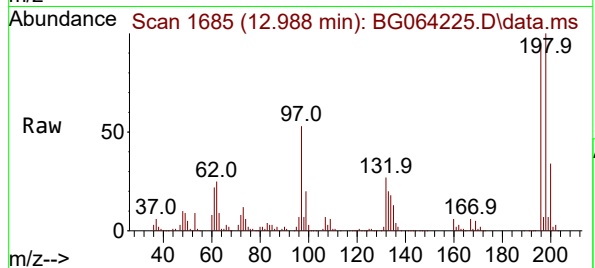
Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 177089

Ion Ratio Lower Upper

196 100

198 105.0 84.5 126.7

97 55.5 46.8 70.2

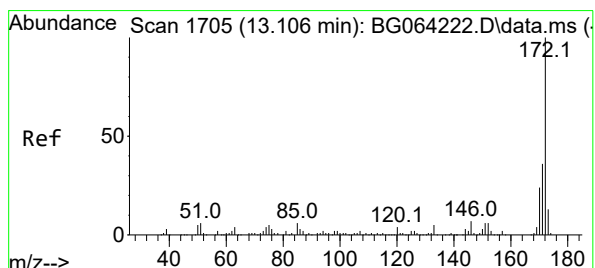
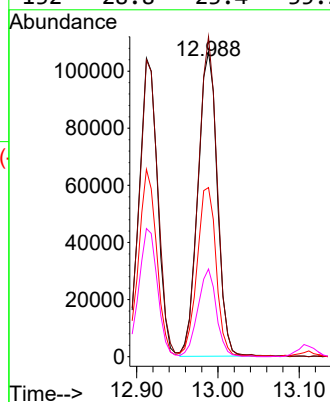
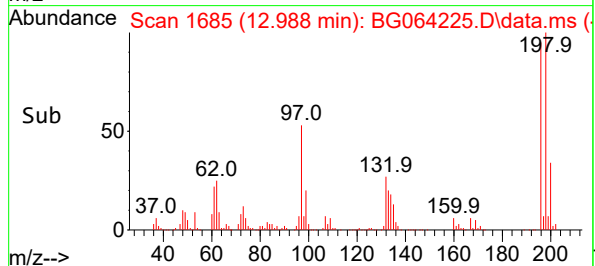
132 28.8 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#45

2-Fluorobiphenyl

Concen: 151.875 ng

RT: 13.112 min Scan# 1706

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

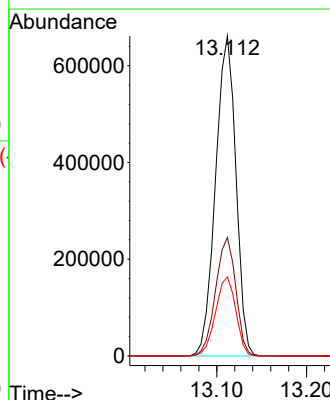
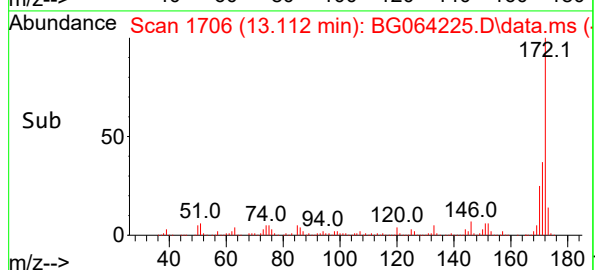
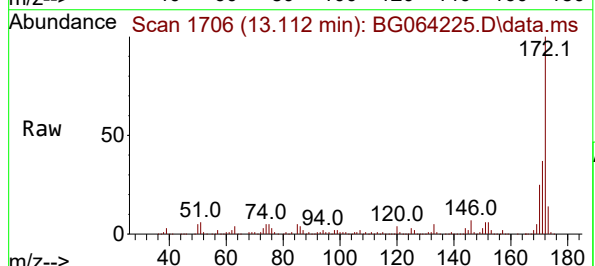
Tgt Ion:172 Resp: 1040275

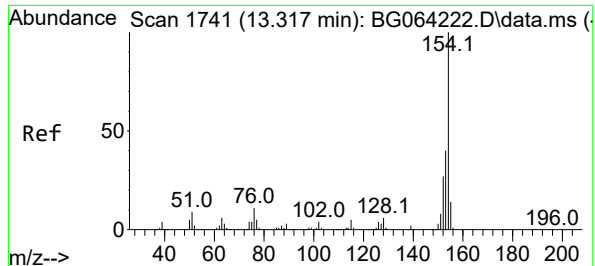
Ion Ratio Lower Upper

172 100

171 37.1 28.7 43.1

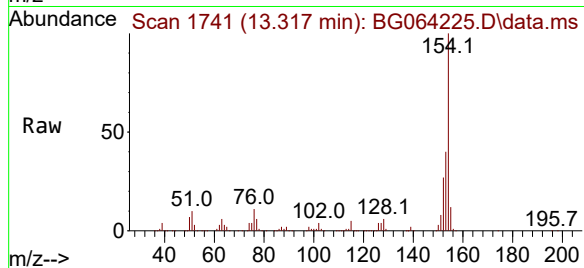
170 24.7 19.0 28.6





#46  
1,1'-Biphenyl  
Concen: 78.203 ng  
RT: 13.317 min Scan# 1741  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

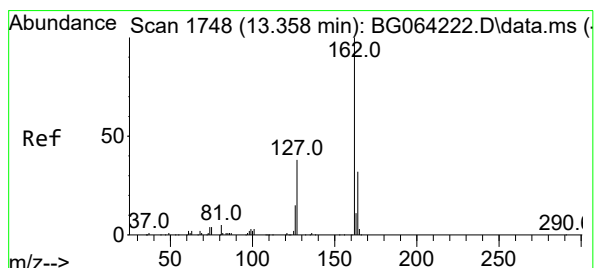
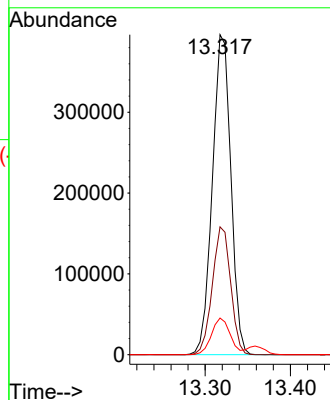
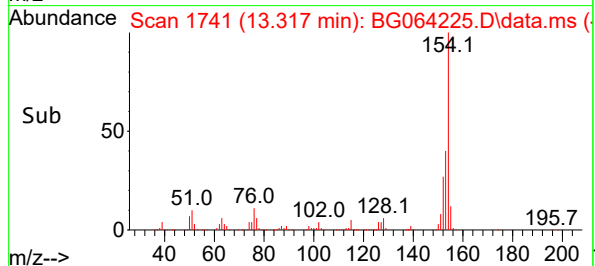
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



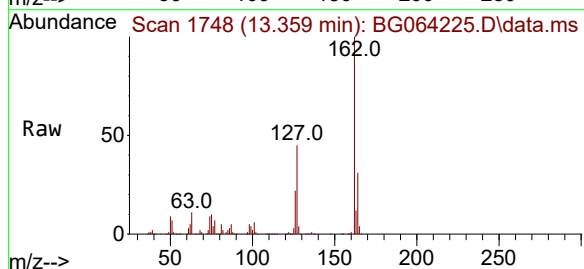
Tgt Ion:154 Resp: 595490  
Ion Ratio Lower Upper  
154 100  
153 40.0 19.9 59.9  
76 11.4 0.0 30.9

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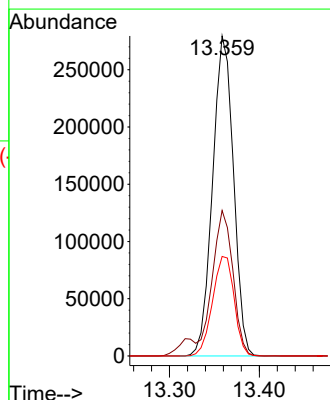
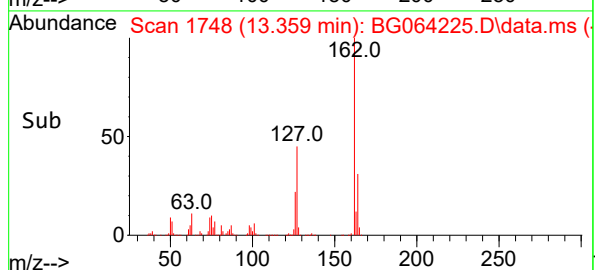
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

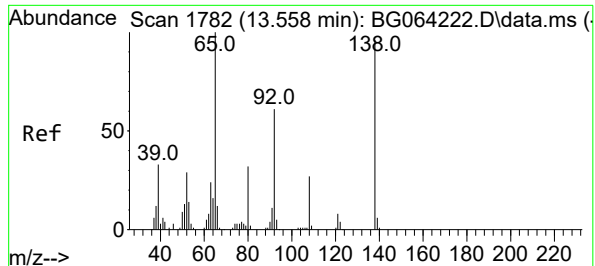


#47  
2-Chloronaphthalene  
Concen: 78.784 ng  
RT: 13.359 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16



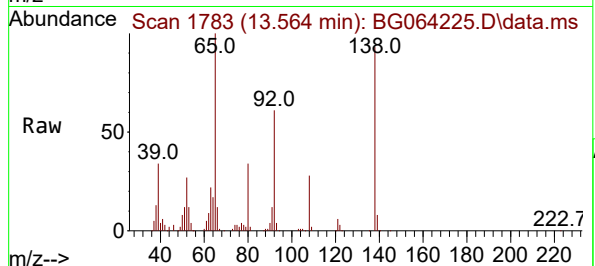
Tgt Ion:162 Resp: 451011  
Ion Ratio Lower Upper  
162 100  
127 45.5 33.9 50.9  
164 31.1 25.4 38.2





#48  
2-Nitroaniline  
Concen: 85.067 ng  
RT: 13.564 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

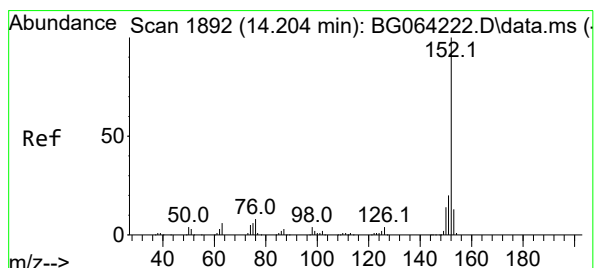
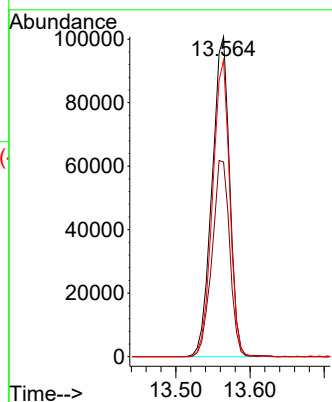
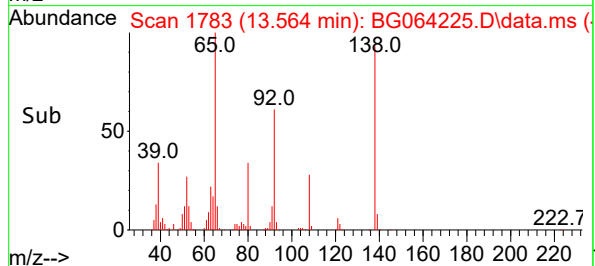
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



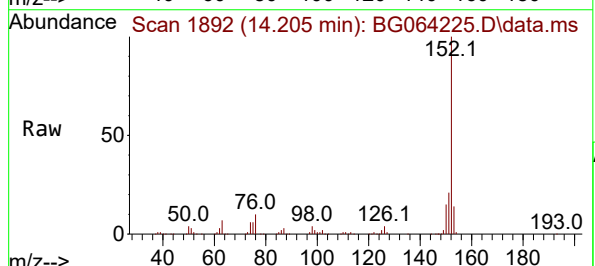
Tgt Ion: 65 Resp: 16598  
Ion Ratio Lower Upper  
65 100  
92 60.8 49.2 73.8  
138 92.6 76.8 115.2

Manual Integrations  
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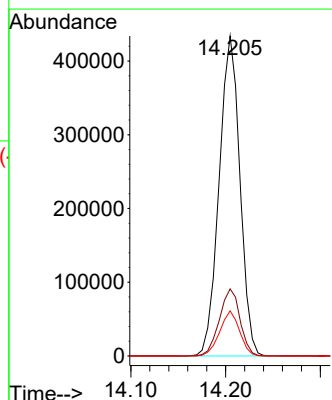
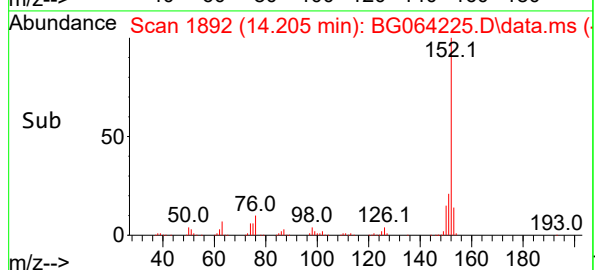
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

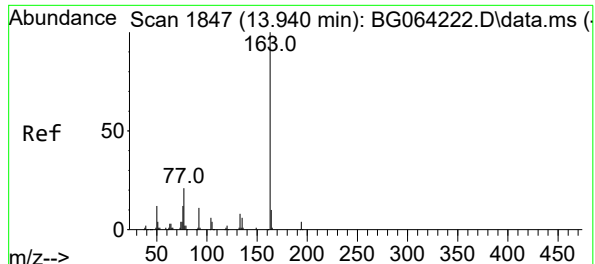


#49  
Acenaphthylene  
Concen: 78.084 ng  
RT: 14.205 min Scan# 1892  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16



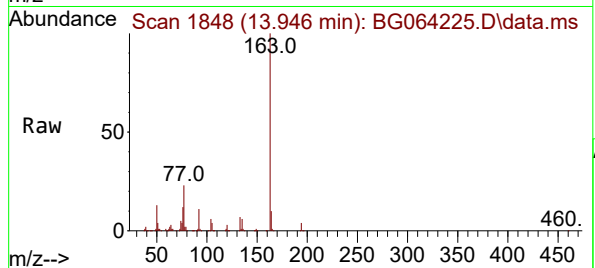
Tgt Ion:152 Resp: 660780  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.2 24.2  
153 14.1 10.1 15.1





#50  
Dimethylphthalate  
Concen: 74.892 ng  
RT: 13.946 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

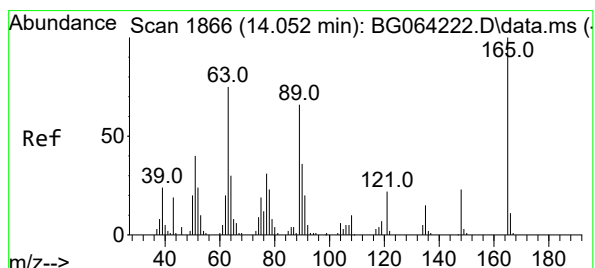
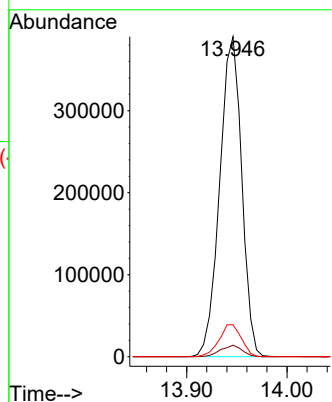
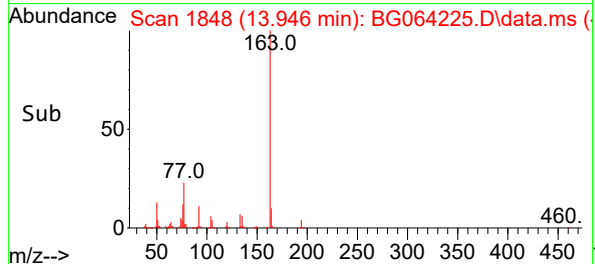
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:163 Resp: 59265  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.0 7.9 11.9

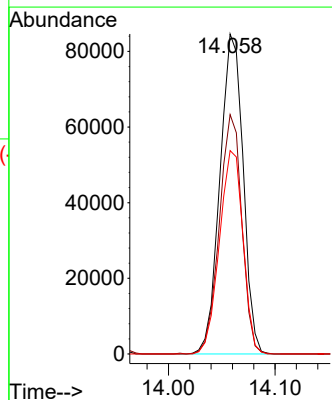
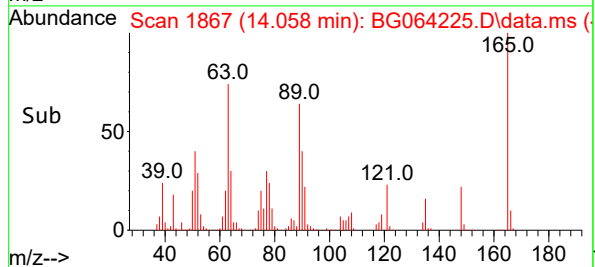
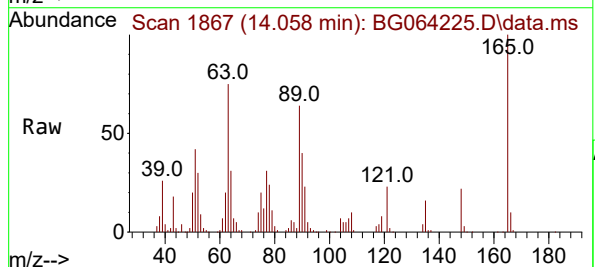
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

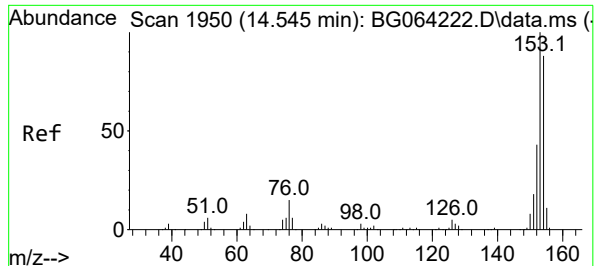


#51  
2,6-Dinitrotoluene  
Concen: 83.231 ng  
RT: 14.058 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:165 Resp: 127509  
Ion Ratio Lower Upper  
165 100  
63 74.8 60.3 90.5  
89 63.5 52.9 79.3

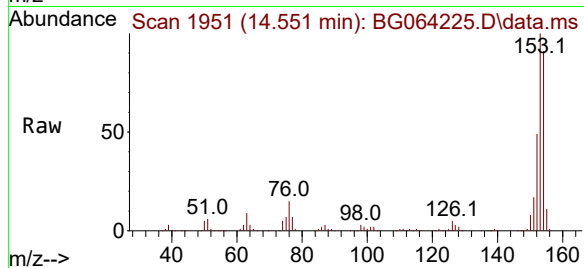






#52  
Acenaphthene  
Concen: 76.655 ng  
RT: 14.551 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

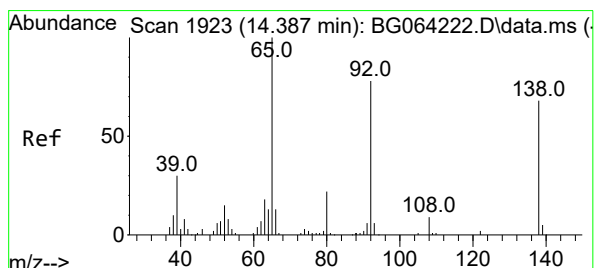
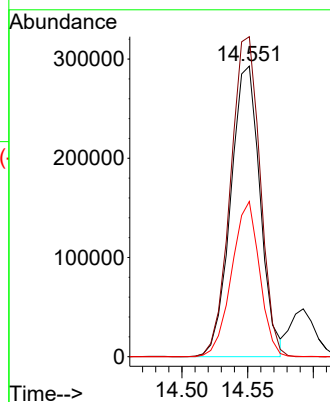
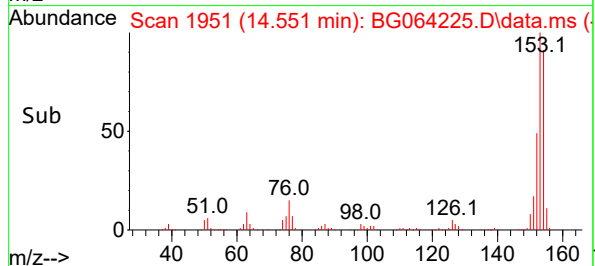
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:154 Resp: 45778  
Ion Ratio Lower Upper  
154 100  
153 110.1 91.1 136.7  
152 53.4 39.6 59.4

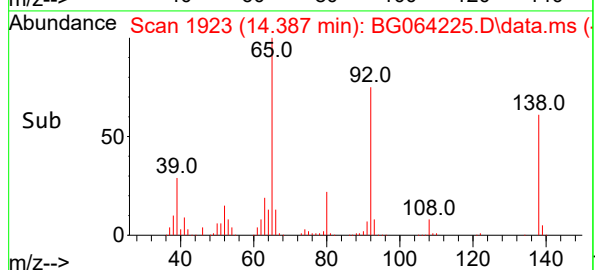
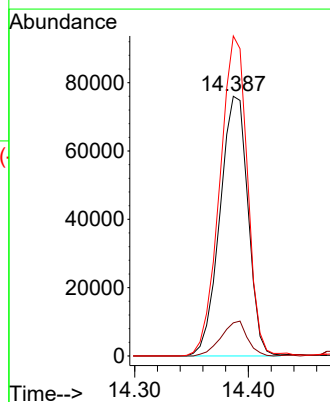
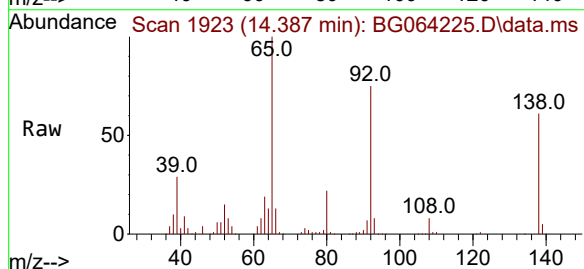
Manual Integrations  
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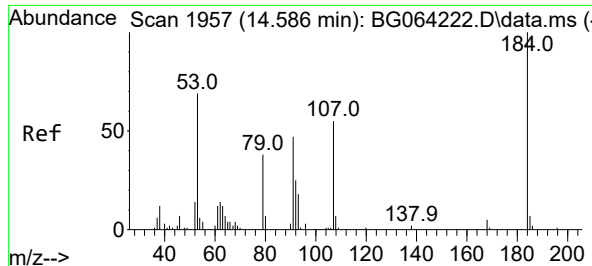
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#53  
3-Nitroaniline  
Concen: 81.316 ng  
RT: 14.387 min Scan# 1923  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:138 Resp: 130491  
Ion Ratio Lower Upper  
138 100  
108 12.8 11.0 16.6  
92 123.2 91.4 137.0





#54  
2,4-Dinitrophenol  
Concen: 79.247 ng  
RT: 14.592 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

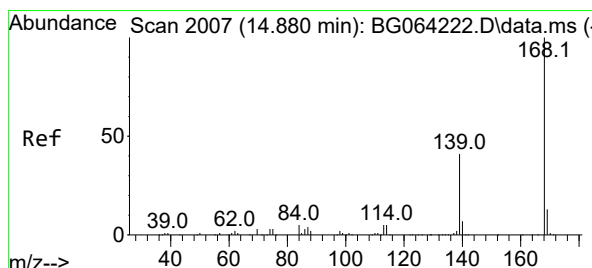
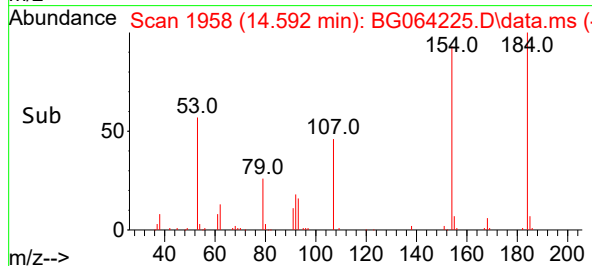
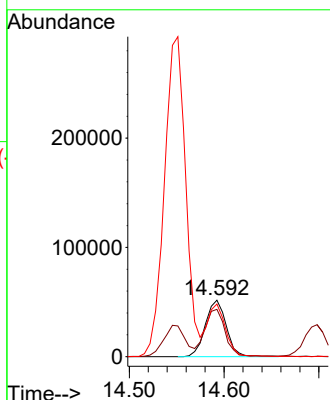
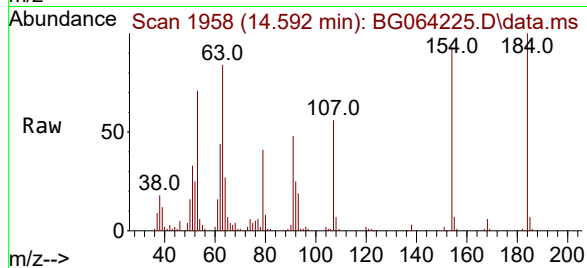
SSTDICC080

Tgt Ion:184 Resp: 7926  
Ion Ratio Lower Upper  
184 100  
63 83.8 60.1 90.1  
154 93.2 59.8 89.8

Manual Integrations

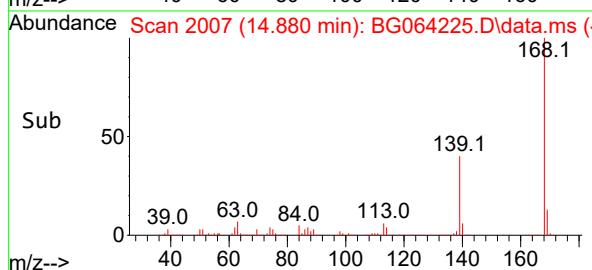
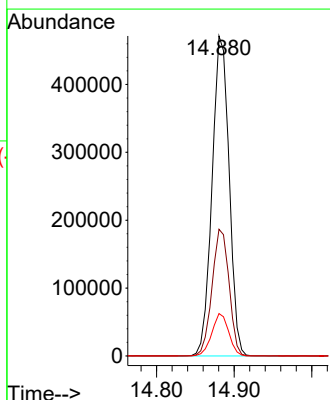
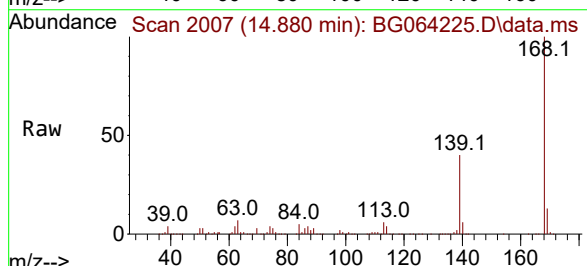
APPROVED

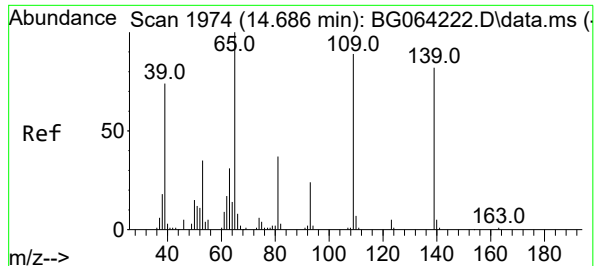
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#55  
Dibenzofuran  
Concen: 76.654 ng  
RT: 14.880 min Scan# 2007  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

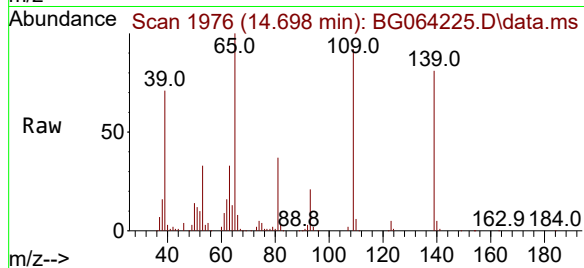
Tgt Ion:168 Resp: 720048  
Ion Ratio Lower Upper  
168 100  
139 39.6 33.2 49.8  
169 13.2 10.4 15.6





#56  
4-Nitrophenol  
Concen: 83.646 ng  
RT: 14.698 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

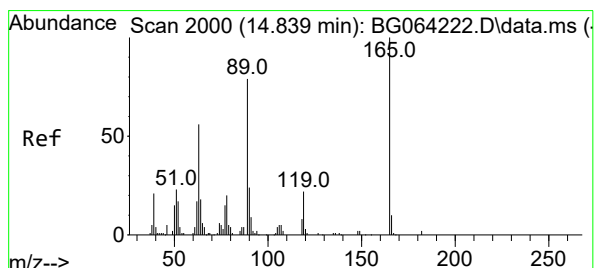
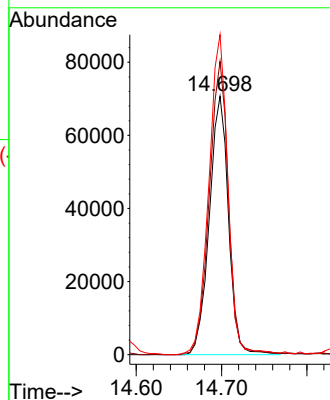
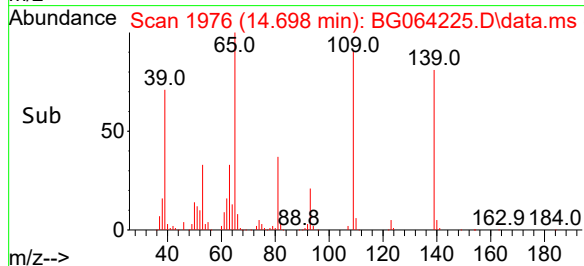
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:139 Resp: 110109  
Ion Ratio Lower Upper  
139 100  
109 113.5 89.1 129.1  
65 123.8 102.9 142.9

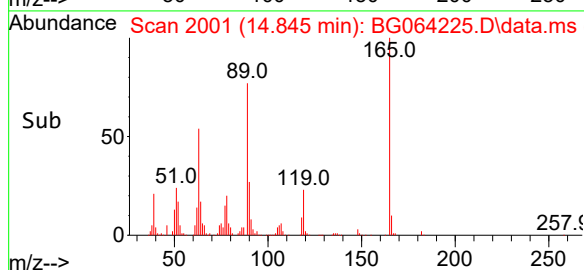
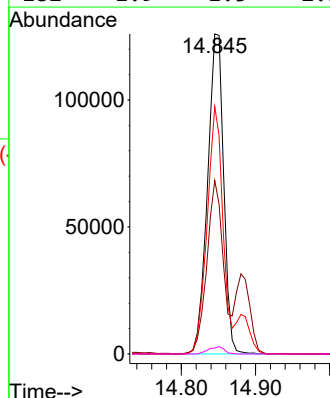
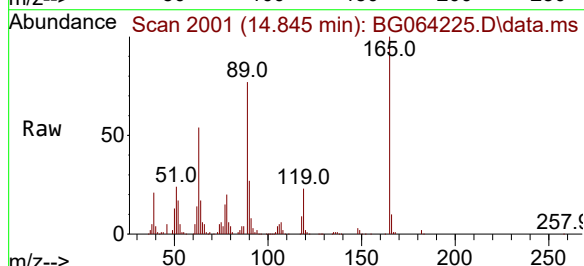
Manual Integrations  
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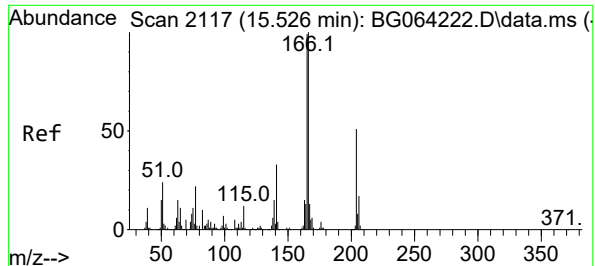
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#57  
2,4-Dinitrotoluene  
Concen: 82.112 ng  
RT: 14.845 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

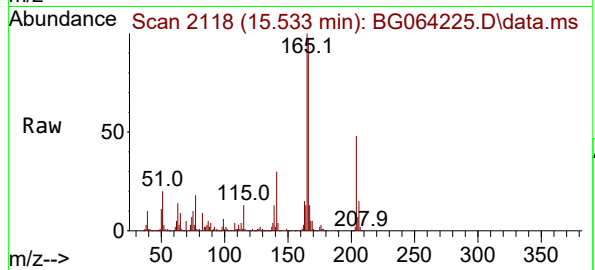
Tgt Ion:165 Resp: 190202  
Ion Ratio Lower Upper  
165 100  
63 54.2 44.6 67.0  
89 77.3 63.0 94.4  
182 1.9 1.5 2.3





#58  
Fluorene  
Concen: 74.567 ng  
RT: 15.533 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

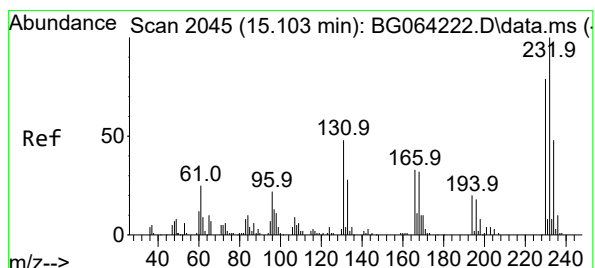
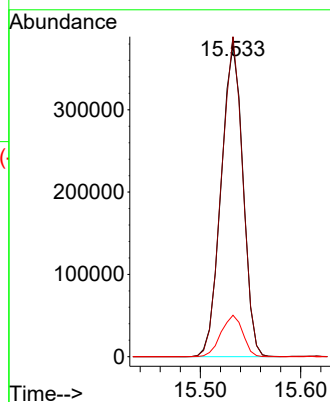
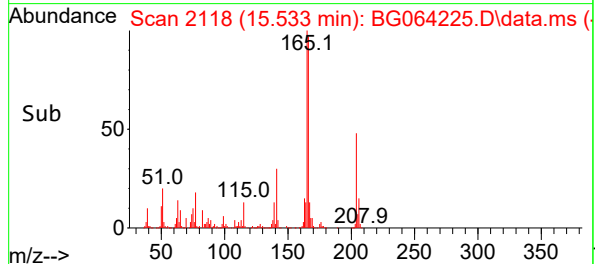
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:166 Resp: 574100  
Ion Ratio Lower Upper  
166 100  
165 102.9 79.1 118.7  
167 13.3 10.2 15.4

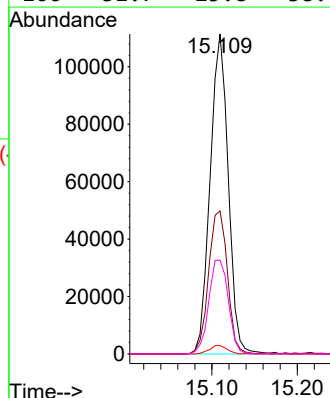
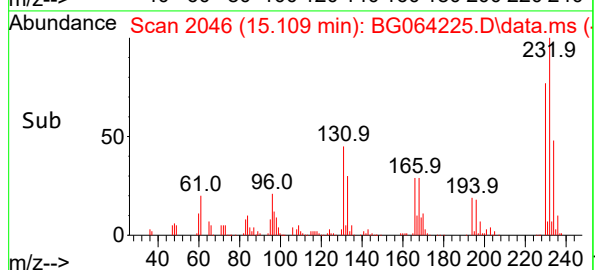
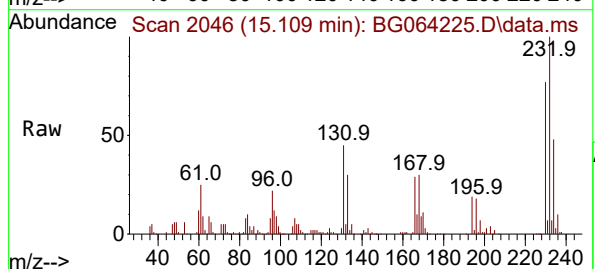
Manual Integrations  
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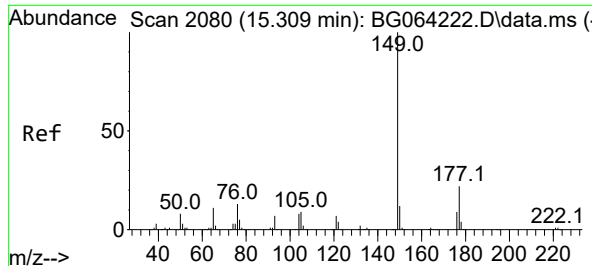
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 78.076 ng  
RT: 15.109 min Scan# 2046  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

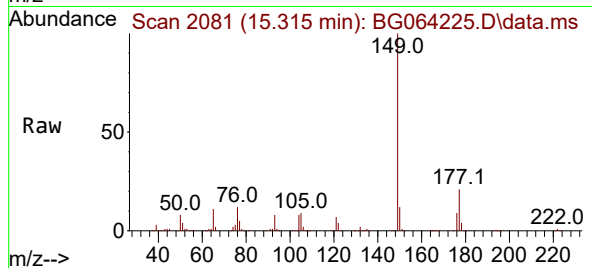
Tgt Ion:232 Resp: 164241  
Ion Ratio Lower Upper  
232 100  
131 46.6 37.1 55.7  
130 2.6 2.6 3.8  
166 31.7 25.8 38.6





#60  
Diethylphthalate  
Concen: 74.841 ng  
RT: 15.315 min Scan# 2080  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

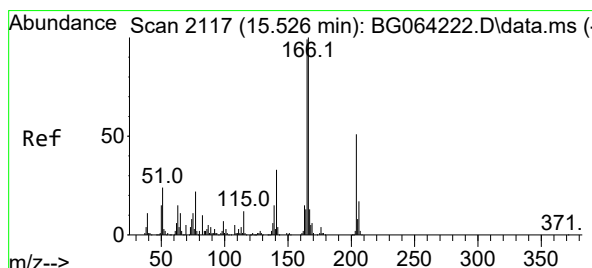
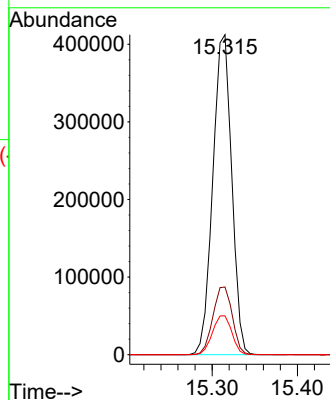
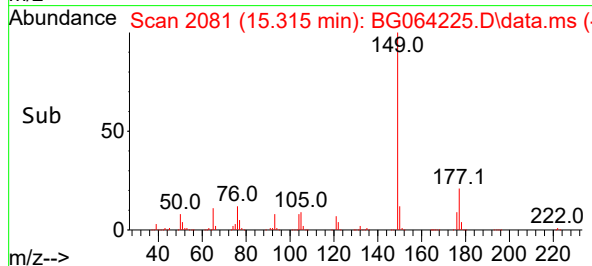
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:149 Resp: 63383  
Ion Ratio Lower Upper  
149 100  
177 21.2 17.5 26.3  
150 12.2 9.9 14.9

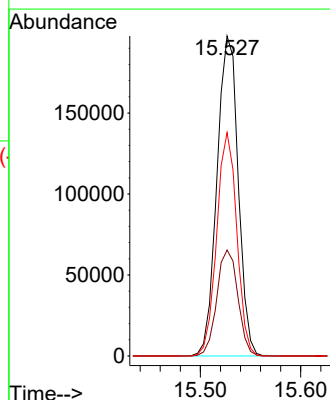
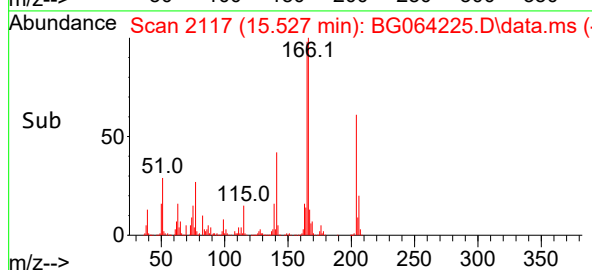
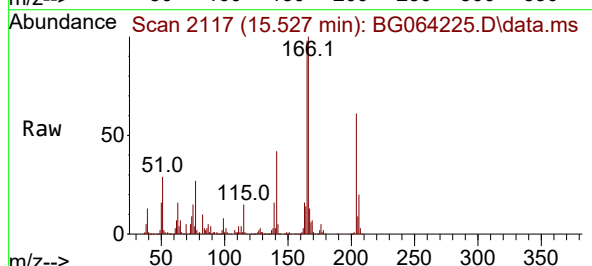
Manual Integrations  
APPROVED

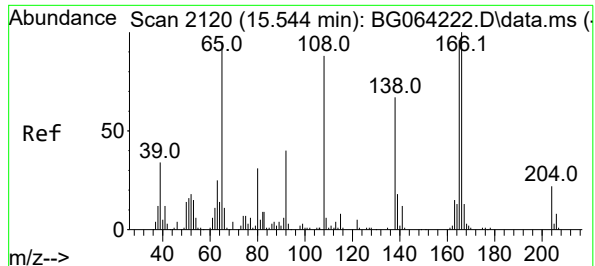
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#61  
4-Chlorophenyl-phenylether  
Concen: 75.511 ng  
RT: 15.527 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

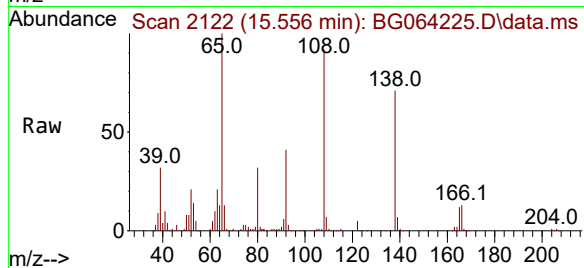
Tgt Ion:204 Resp: 289860  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.4  
141 69.8 51.9 77.9





#62  
4-Nitroaniline  
Concen: 83.062 ng  
RT: 15.556 min Scan# 2122  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

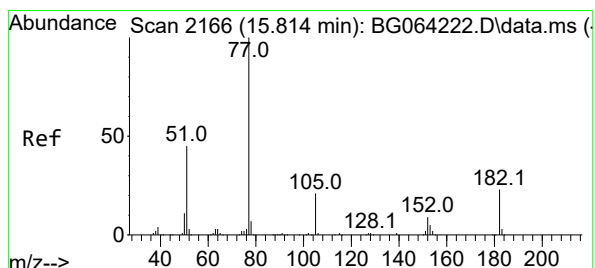
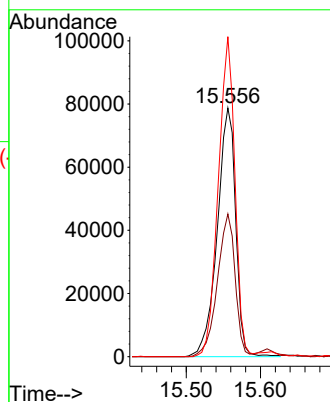
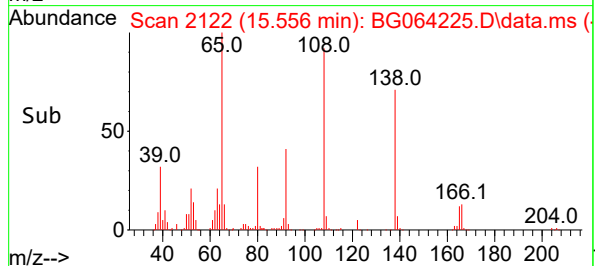
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:138 Resp: 136014  
Ion Ratio Lower Upper  
138 100  
92 57.4 39.1 79.1  
108 128.7 111.3 151.3

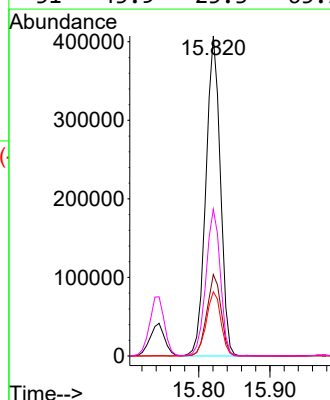
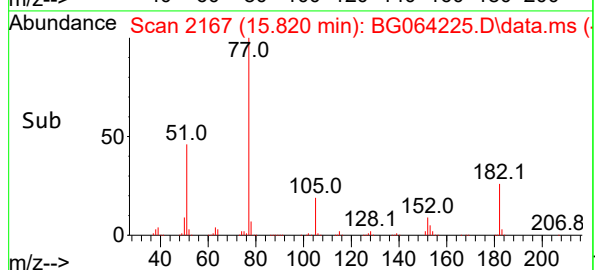
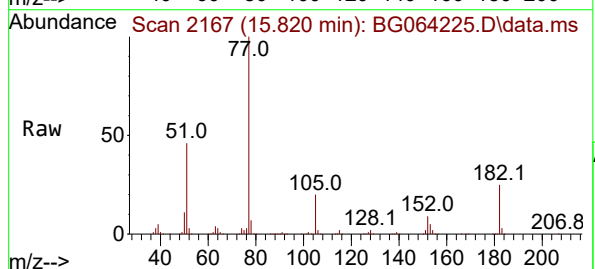
Manual Integrations  
APPROVED

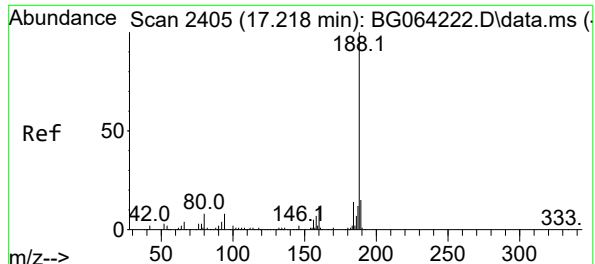
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#63  
Azobenzene  
Concen: 76.529 ng  
RT: 15.820 min Scan# 2167  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

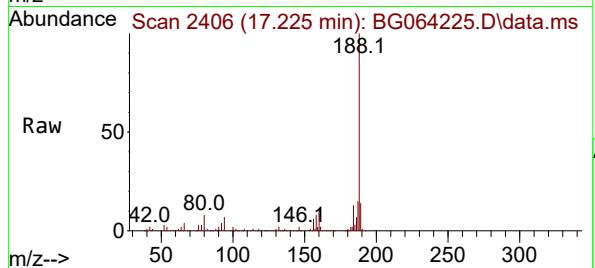
Tgt Ion: 77 Resp: 577669  
Ion Ratio Lower Upper  
77 100  
182 25.4 3.3 43.3  
105 20.1 0.6 40.6  
51 45.9 25.3 65.3





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.225 min Scan# 2406  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

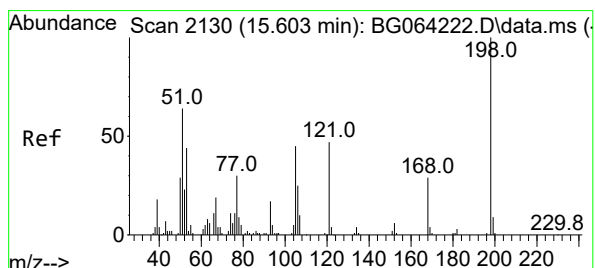
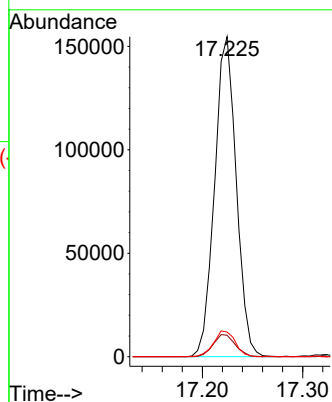
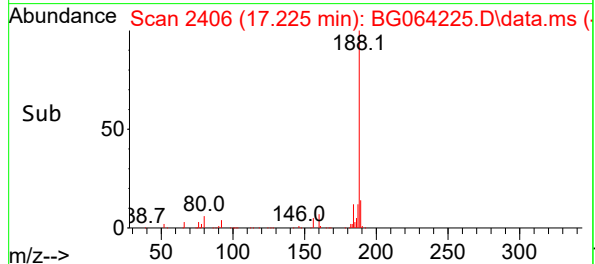
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:188 Resp: 231385  
Ion Ratio Lower Upper  
188 100  
94 6.7 6.2 9.4  
80 7.7 6.8 10.2

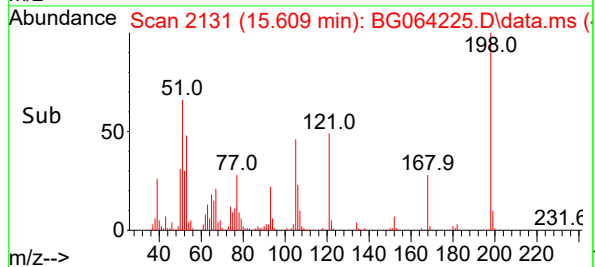
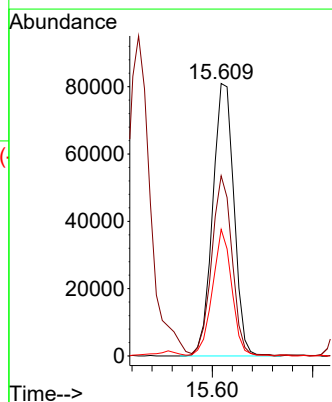
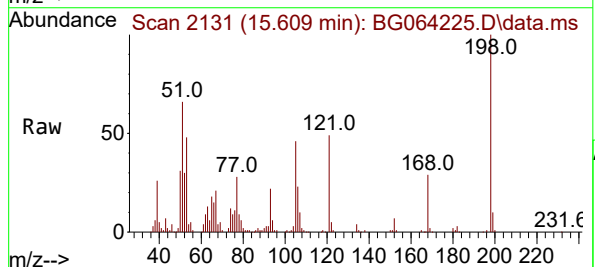
Manual Integrations  
APPROVED

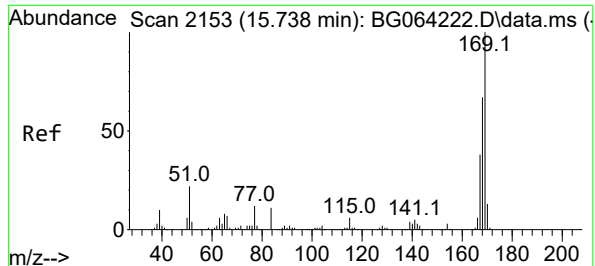
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#65  
4,6-Dinitro-2-methylphenol  
Concen: 89.493 ng  
RT: 15.609 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

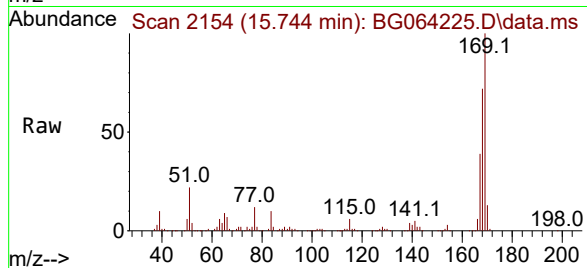
Tgt Ion:198 Resp: 118887  
Ion Ratio Lower Upper  
198 100  
51 66.1 46.2 86.2  
105 46.5 25.0 65.0





#66  
n-Nitrosodiphenylamine  
Concen: 78.764 ng  
RT: 15.744 min Scan# 2153  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

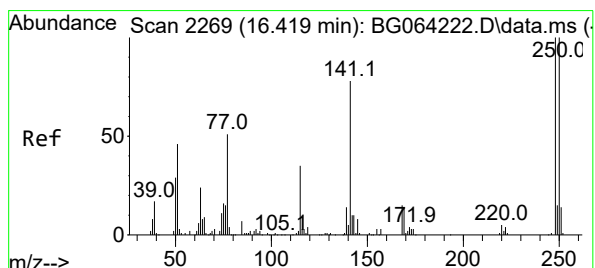
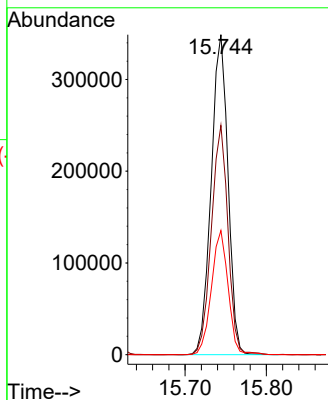
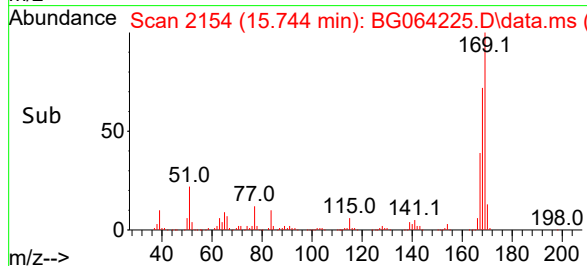
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:169 Resp: 501350  
Ion Ratio Lower Upper  
169 100  
168 71.6 53.8 80.8  
167 38.8 30.2 45.2

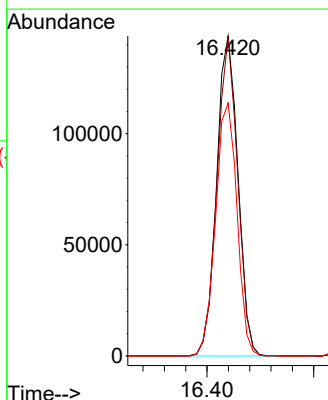
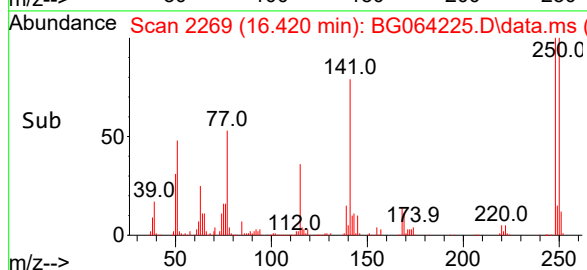
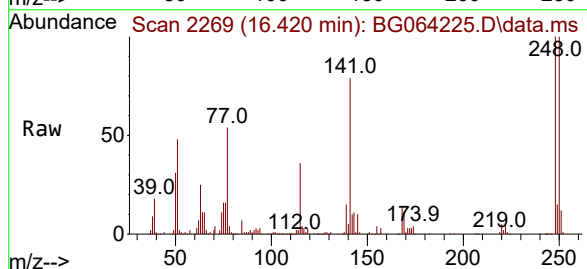
Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

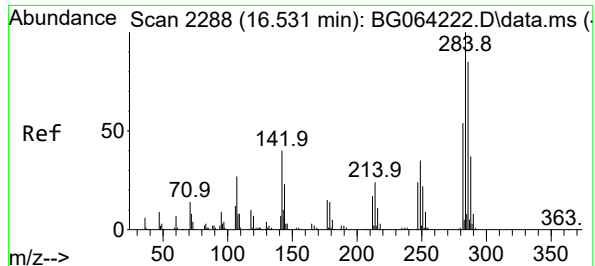


#67  
4-Bromophenyl-phenylether  
Concen: 81.188 ng  
RT: 16.420 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:248 Resp: 199527  
Ion Ratio Lower Upper  
248 100  
250 99.8 80.2 120.4  
141 79.1 62.4 93.6

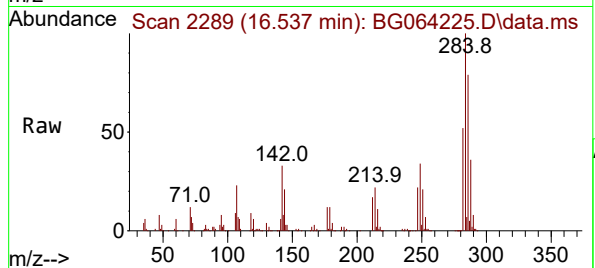






#68  
Hexachlorobenzene  
Concen: 79.601 ng  
RT: 16.537 min Scan# 217240  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

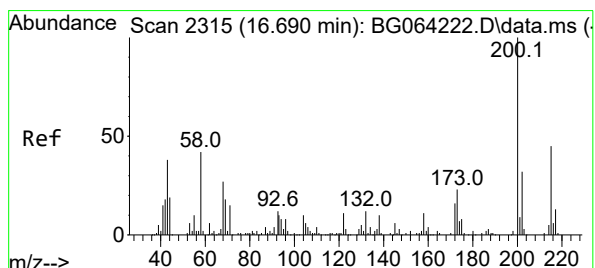
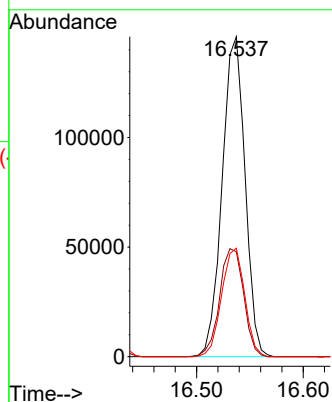
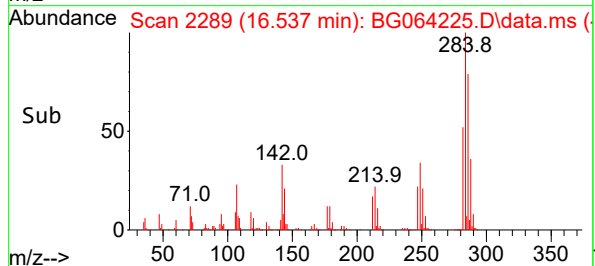
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:284 Resp: 217240  
Ion Ratio Lower Upper  
284 100  
142 32.8 32.1 48.1  
249 33.9 28.3 42.5

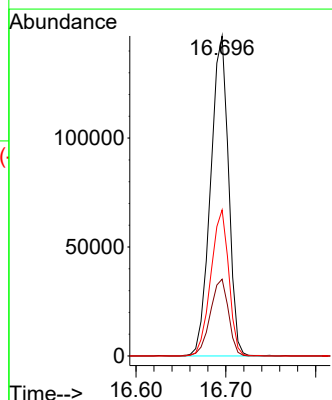
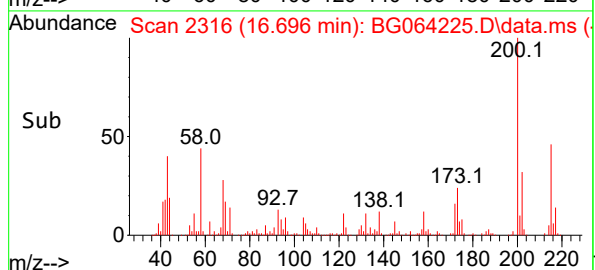
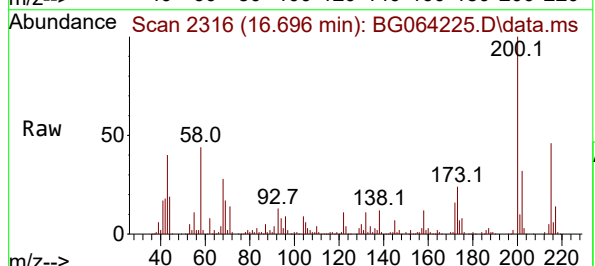
Manual Integrations  
APPROVED

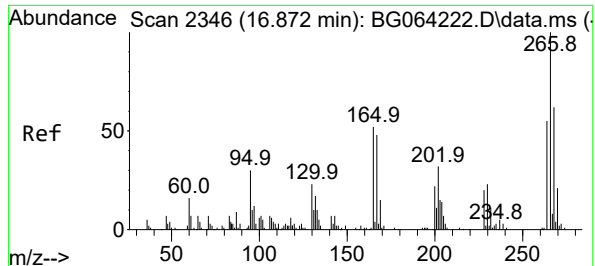
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#69  
Atrazine  
Concen: 76.540 ng  
RT: 16.696 min Scan# 2316  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

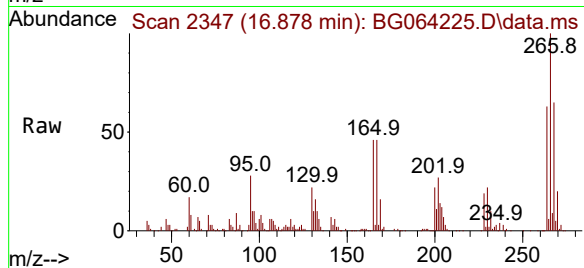
Tgt Ion:200 Resp: 203423  
Ion Ratio Lower Upper  
200 100  
173 24.0 3.5 43.5  
215 45.7 24.8 64.8





#70  
Pentachlorophenol  
Concen: 87.549 ng  
RT: 16.878 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

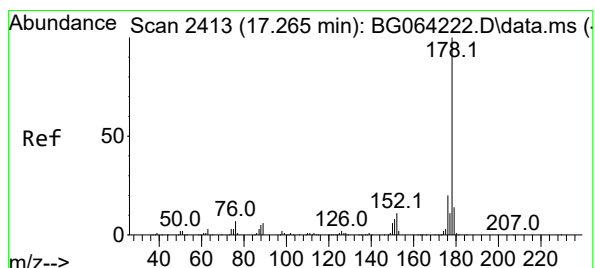
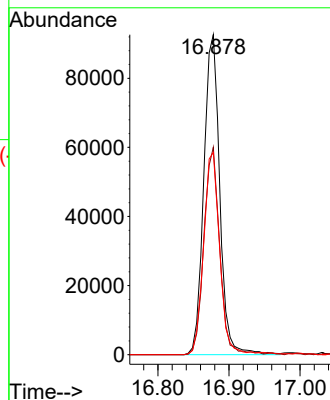
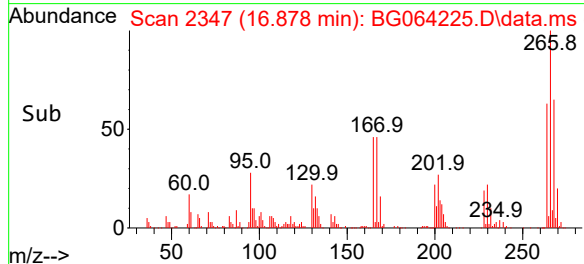
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



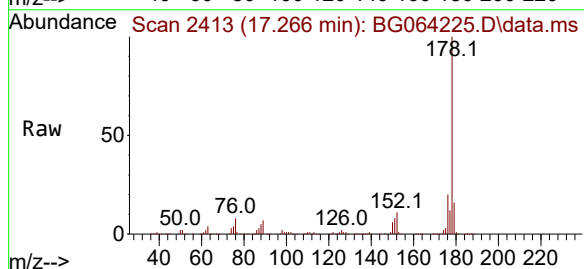
Tgt Ion:266 Resp: 144874  
Ion Ratio Lower Upper  
266 100  
268 64.8 49.4 74.0  
264 63.2 44.3 66.5

Manual Integrations  
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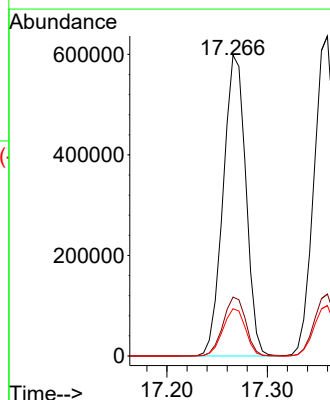
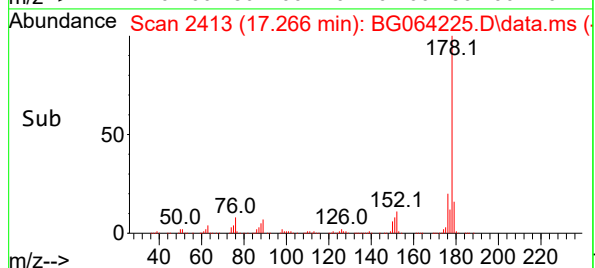
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

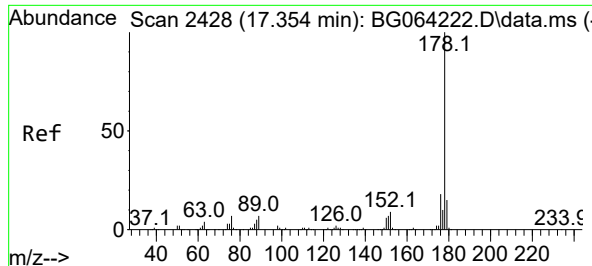


#71  
Phenanthrene  
Concen: 76.958 ng  
RT: 17.266 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16



Tgt Ion:178 Resp: 939199  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.9 23.9  
179 15.7 11.4 17.2





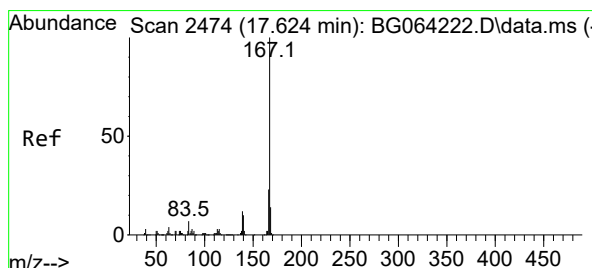
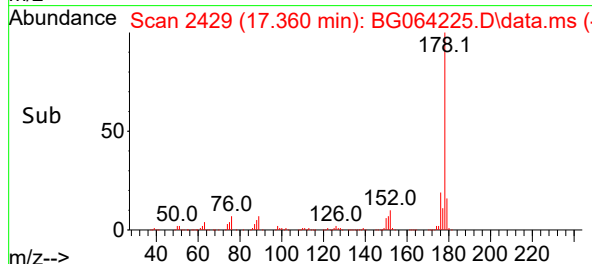
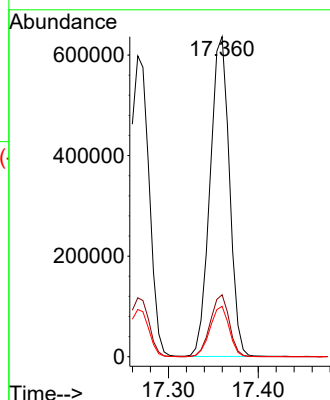
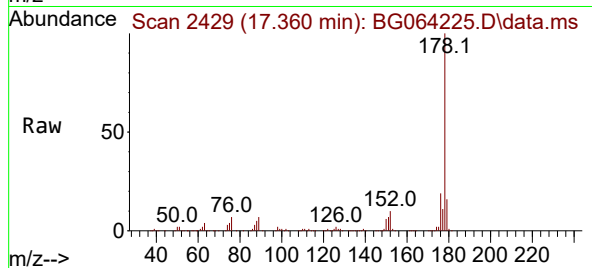
#72  
 Anthracene  
 Concen: 76.680 ng  
 RT: 17.360 min Scan# 2428  
 Delta R.T. 0.000 min  
 Lab File: BG064225.D  
 Acq: 28 Aug 2025 16:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Tgt Ion:178 Resp: 95191  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 14.7 22.1  
 179 15.7 12.1 18.1

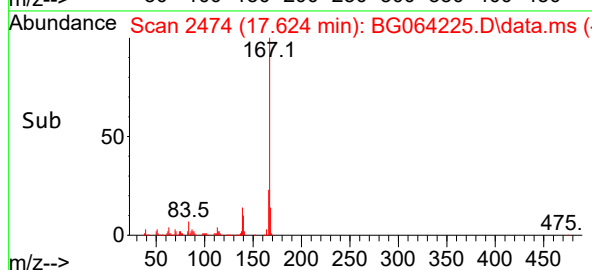
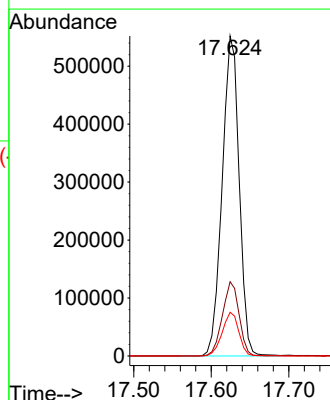
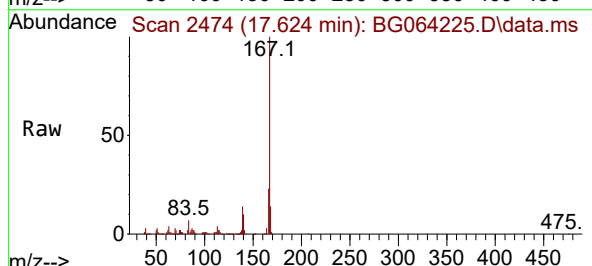
Manual Integrations  
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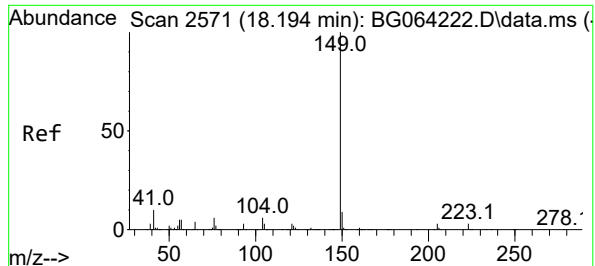
Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025



#73  
 Carbazole  
 Concen: 76.969 ng  
 RT: 17.624 min Scan# 2474  
 Delta R.T. 0.000 min  
 Lab File: BG064225.D  
 Acq: 28 Aug 2025 16:16

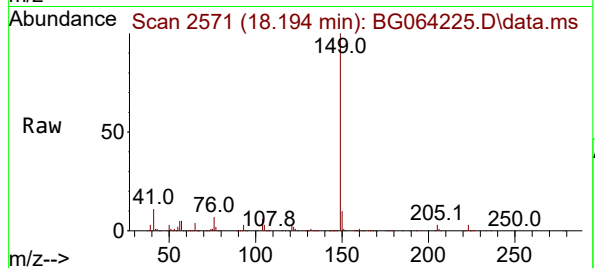
Tgt Ion:167 Resp: 841735  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 18.2 27.2  
 139 13.7 9.8 14.6





#74  
Di-n-butylphthalate  
Concen: 76.970 ng  
RT: 18.194 min Scan# 2571  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

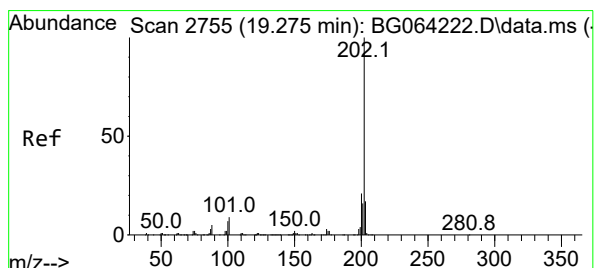
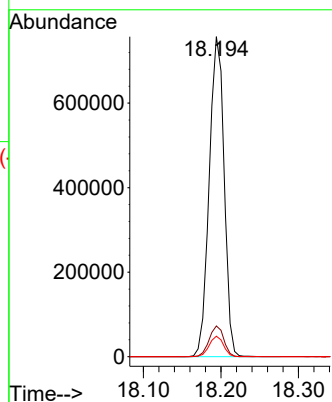
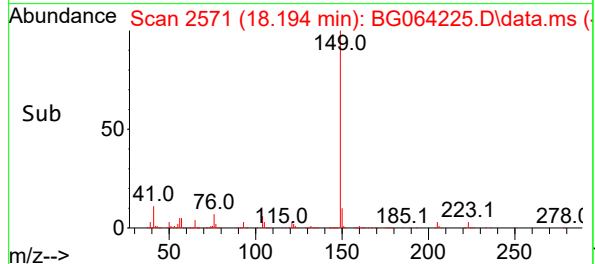
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:149 Resp: 1011294  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.5 11.3  
104 6.4 4.6 7.0

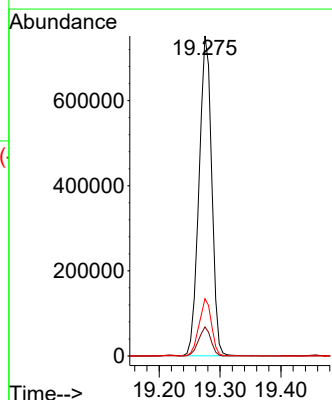
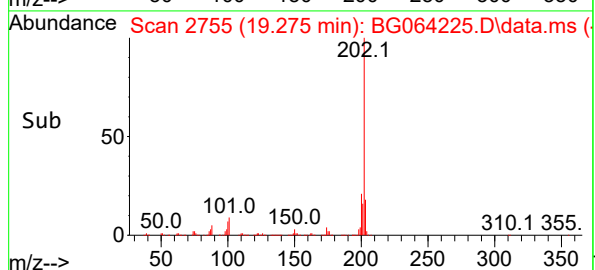
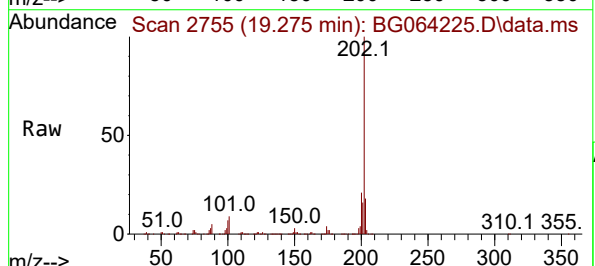
Manual Integrations  
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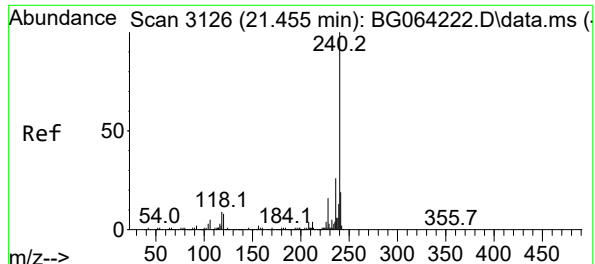
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#75  
Fluoranthene  
Concen: 75.580 ng  
RT: 19.275 min Scan# 2755  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:202 Resp: 1084541  
Ion Ratio Lower Upper  
202 100  
101 9.0 0.0 28.7  
203 17.9 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.455 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:240 Resp: 23554

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.4

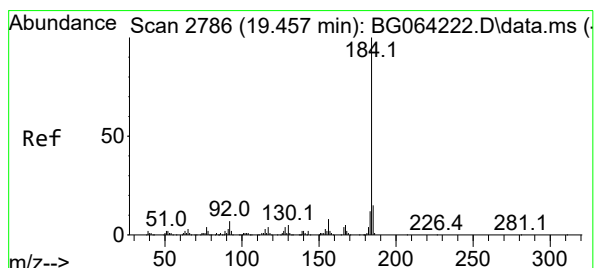
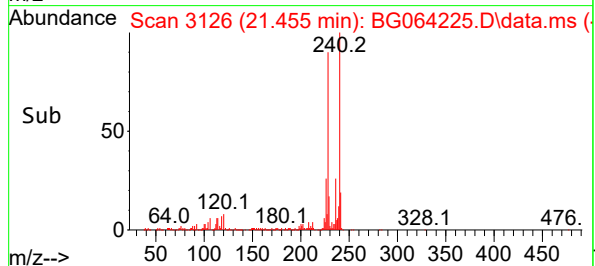
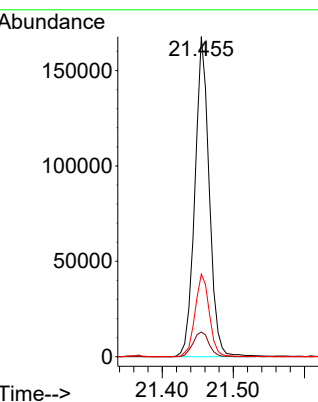
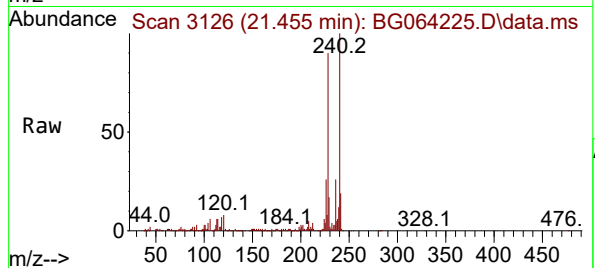
236 25.8 20.5 30.7

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#77

Benzidine

Concen: 68.139 ng

RT: 19.457 min Scan# 2786

Delta R.T. 0.000 min

Lab File: BG064225.D

Acq: 28 Aug 2025 16:16

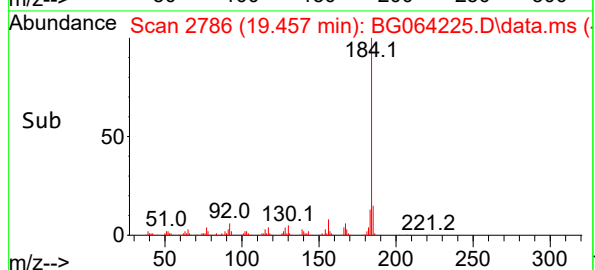
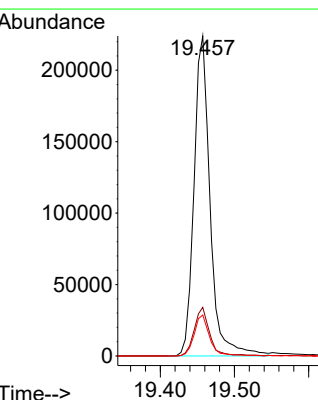
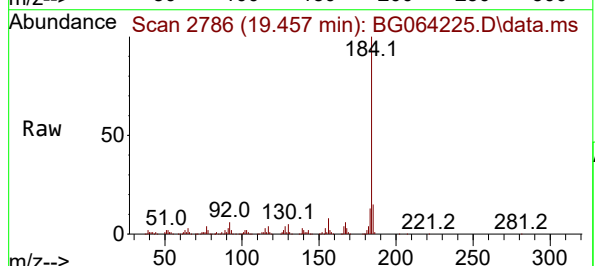
Tgt Ion:184 Resp: 337627

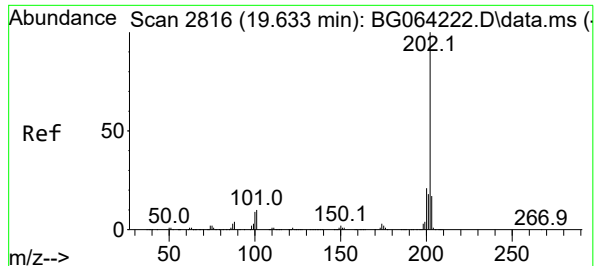
Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

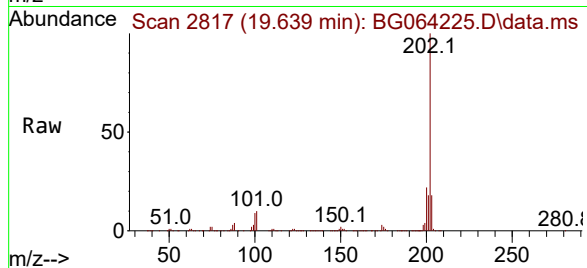
183 12.8 9.7 14.5





#78  
Pyrene  
Concen: 77.355 ng  
RT: 19.639 min Scan# 2817  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

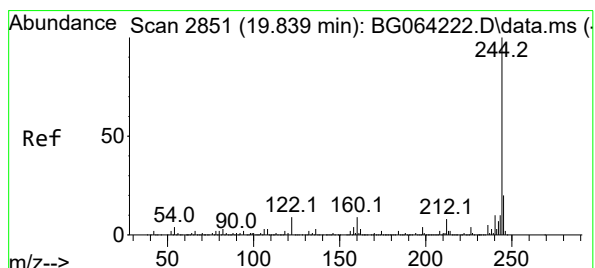
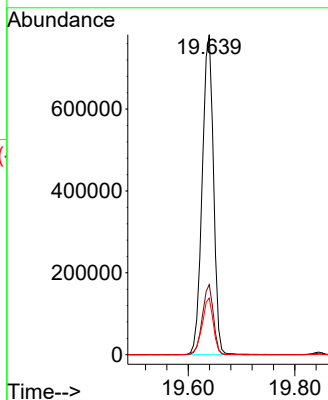
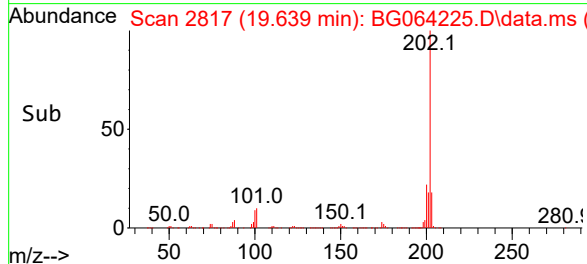
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:202 Resp: 1147900  
Ion Ratio Lower Upper  
202 100  
200 21.9 16.9 25.3  
203 17.7 13.8 20.8

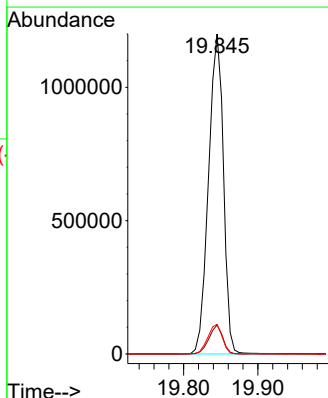
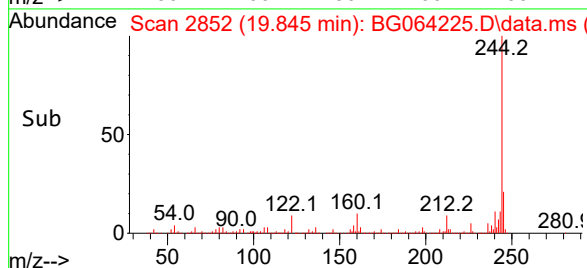
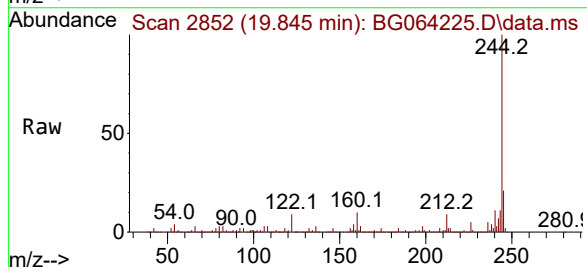
Manual Integrations  
APPROVED

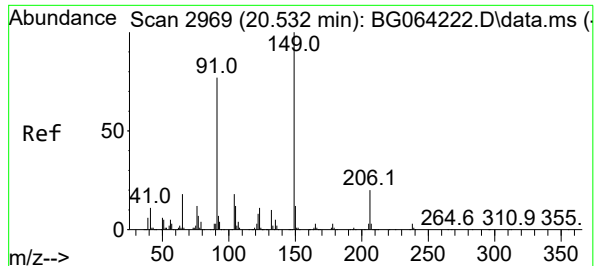
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#79  
Terphenyl-d14  
Concen: 148.209 ng  
RT: 19.845 min Scan# 2852  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

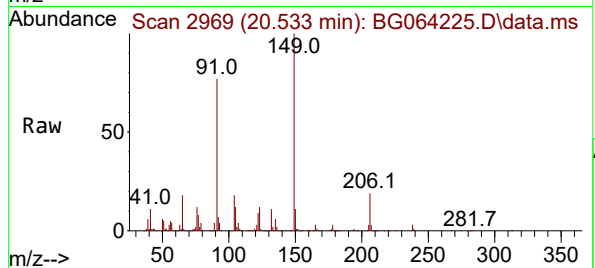
Tgt Ion:244 Resp: 1673235  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.6 10.0  
122 9.2 7.0 10.6





#80  
Butylbenzylphthalate  
Concen: 81.036 ng  
RT: 20.533 min Scan# 2969  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

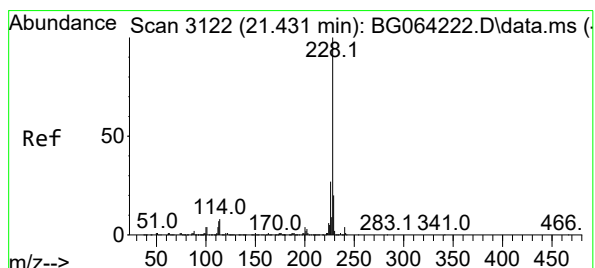
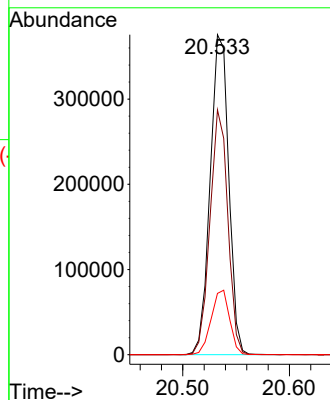
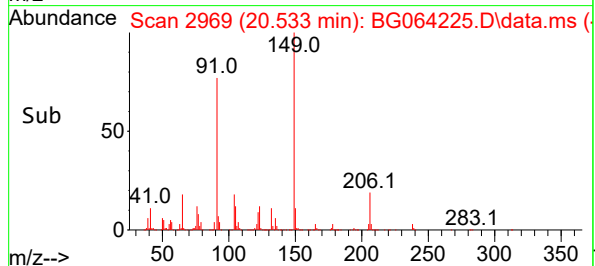
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:149 Resp: 45356  
Ion Ratio Lower Upper  
149 100  
91 76.5 61.4 92.0  
206 19.1 15.8 23.6

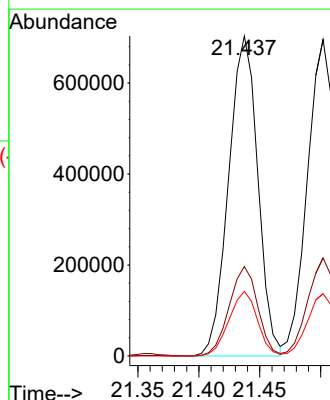
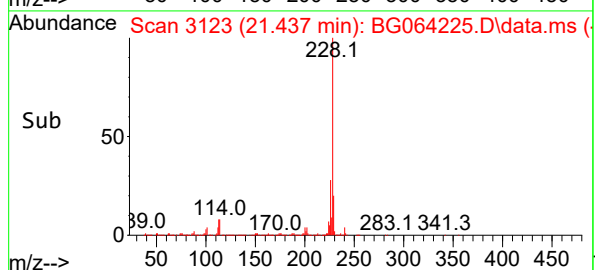
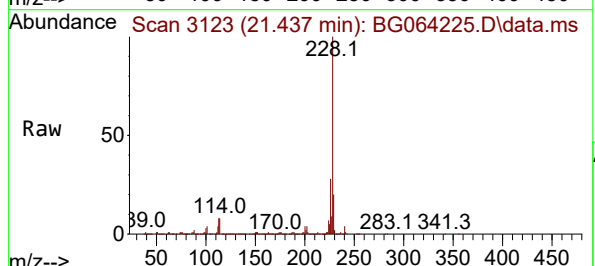
Manual Integrations  
APPROVED

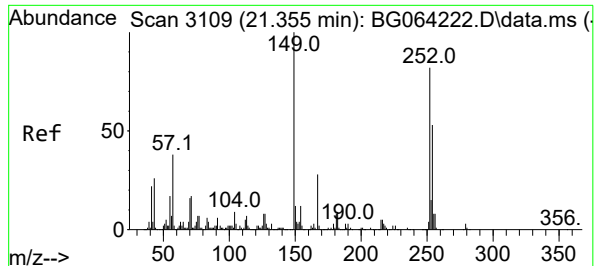
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#81  
Benzo(a)anthracene  
Concen: 77.766 ng  
RT: 21.437 min Scan# 3123  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

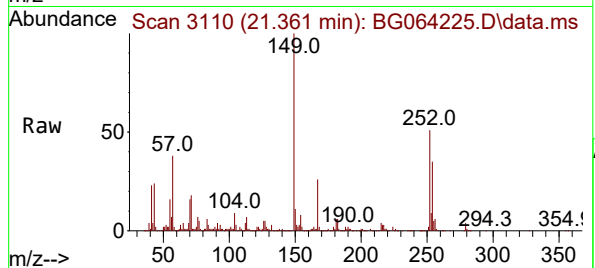
Tgt Ion:228 Resp: 1171856  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.7 32.5  
229 20.2 15.9 23.9





#82  
3,3'-Dichlorobenzidine  
Concen: 77.523 ng  
RT: 21.361 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

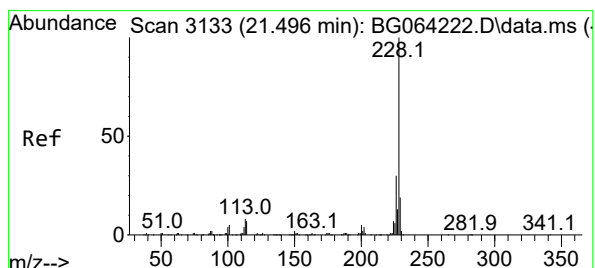
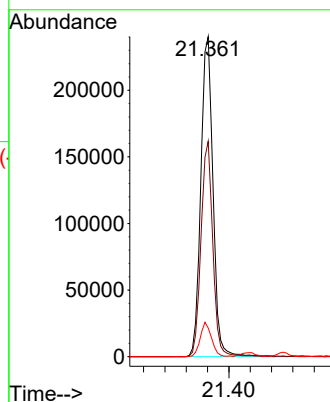
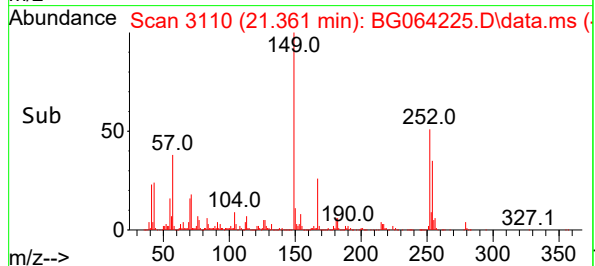
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:252 Resp: 38045  
Ion Ratio Lower Upper  
252 100  
254 67.3 51.9 77.9  
126 9.0 7.6 11.4

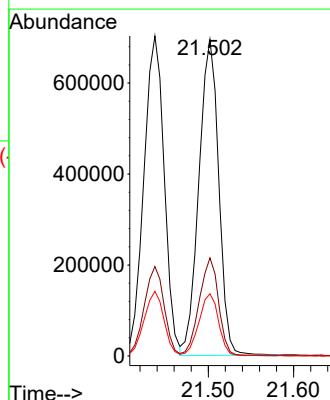
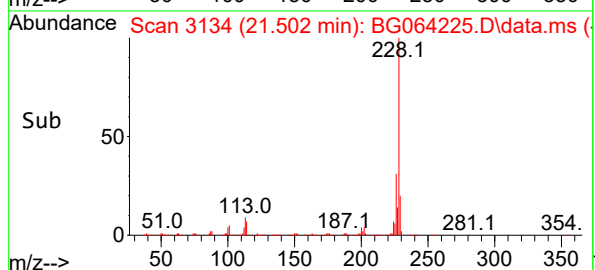
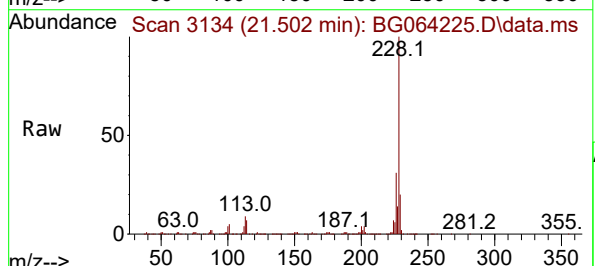
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

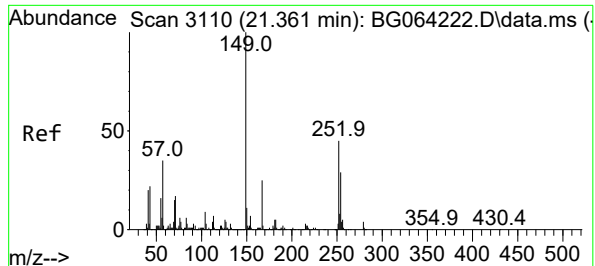


#83  
Chrysene  
Concen: 77.521 ng  
RT: 21.502 min Scan# 3134  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:228 Resp: 1121478  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.2 36.2  
229 19.6 15.4 23.2

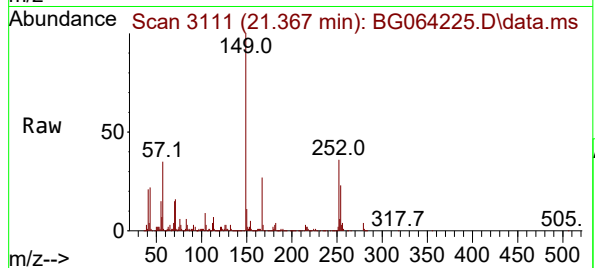






#84  
Bis(2-ethylhexyl)phthalate  
Concen: 78.779 ng  
RT: 21.367 min Scan# 3110  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

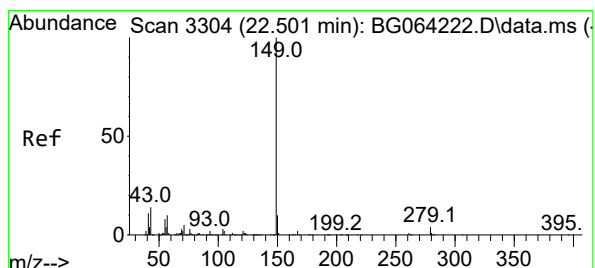
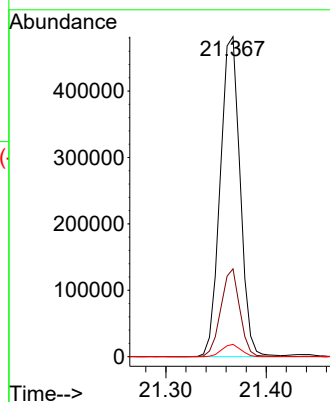
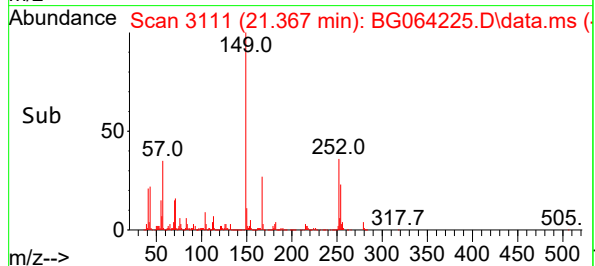
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:149 Resp: 661990  
Ion Ratio Lower Upper  
149 100  
167 27.5 20.0 30.0  
279 3.8 3.0 4.4

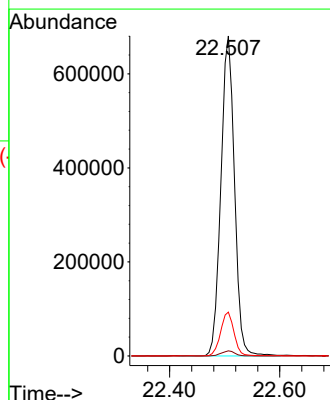
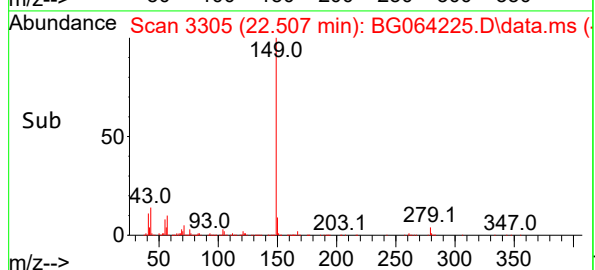
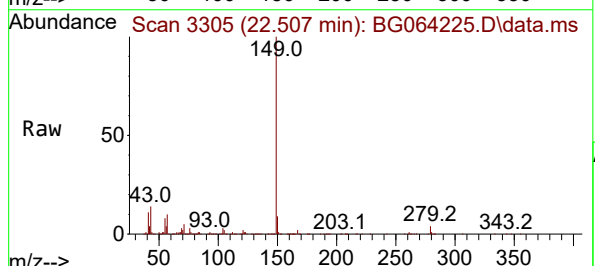
Manual Integrations  
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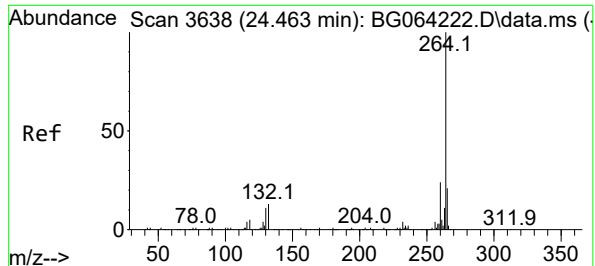
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#85  
Di-n-octyl phthalate  
Concen: 79.752 ng  
RT: 22.507 min Scan# 3305  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

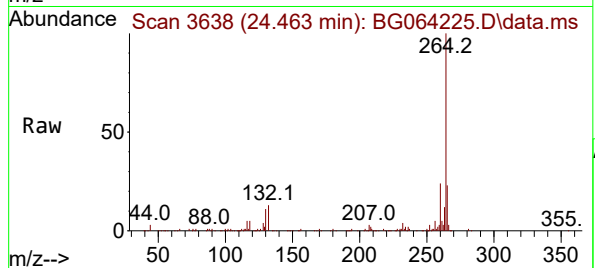
Tgt Ion:149 Resp: 1167706  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 13.6 10.8 16.2





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.463 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

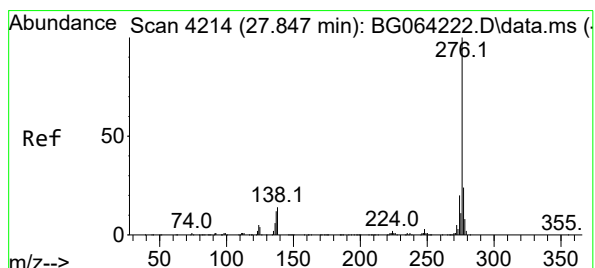
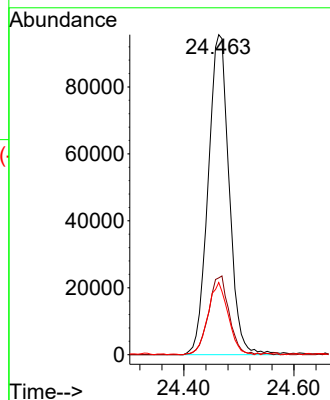
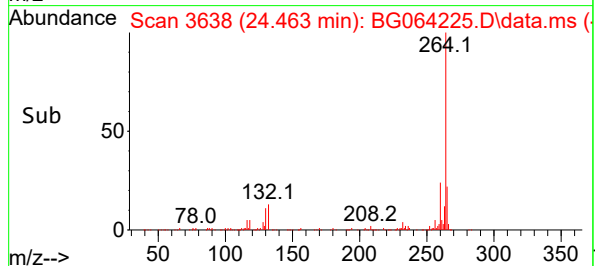
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:264 Resp: 25282  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.9 28.3  
265 22.5 16.7 25.1

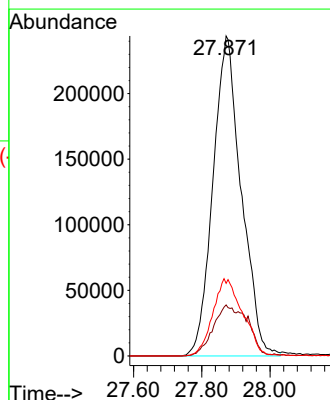
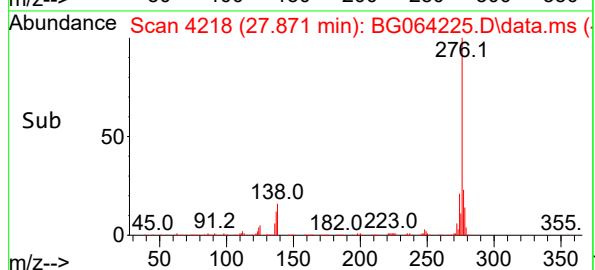
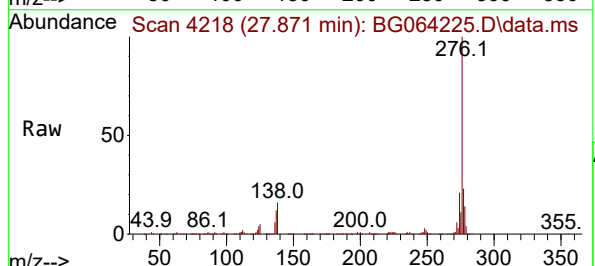
Manual Integrations  
APPROVED

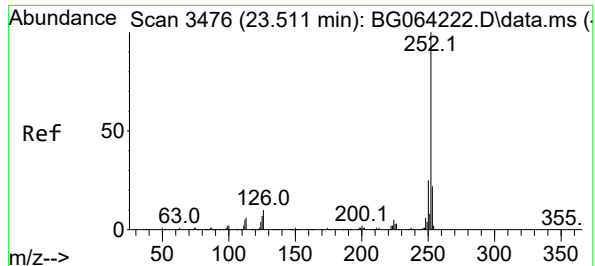
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 81.188 ng  
RT: 27.871 min Scan# 4218  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

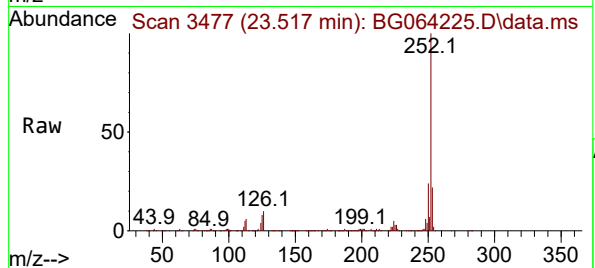
Tgt Ion:276 Resp: 1401756  
Ion Ratio Lower Upper  
276 100  
138 12.2 7.4 11.0#  
277 25.6 20.5 30.7





#88  
Benzo(b)fluoranthene  
Concen: 81.710 ng  
RT: 23.517 min Scan# 3476  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

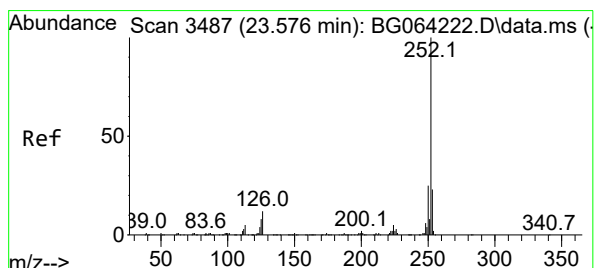
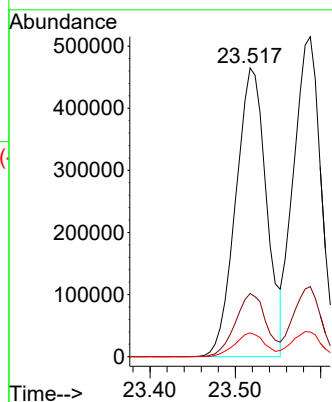
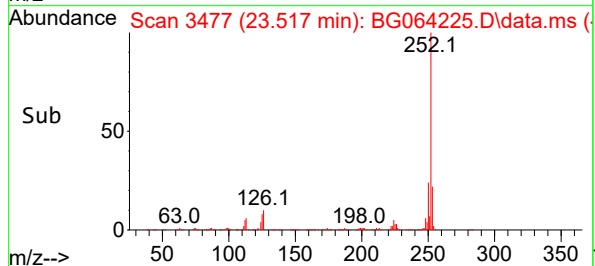
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:252 Resp: 1165918  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 8.3 5.9 8.9

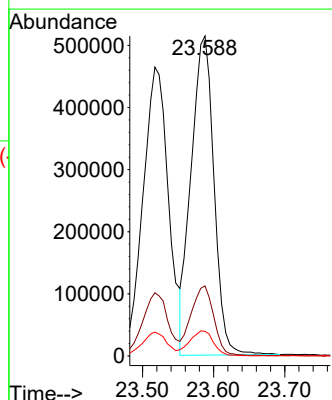
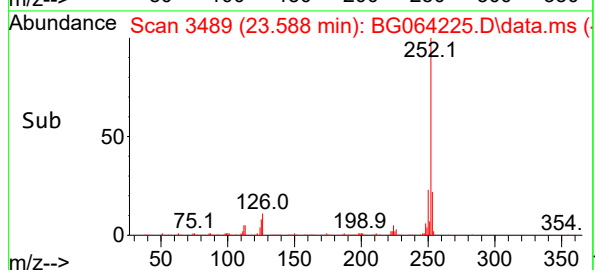
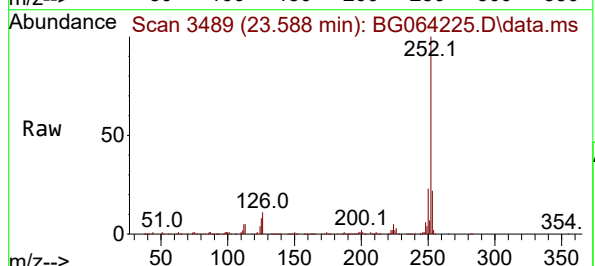
Manual Integrations  
APPROVED

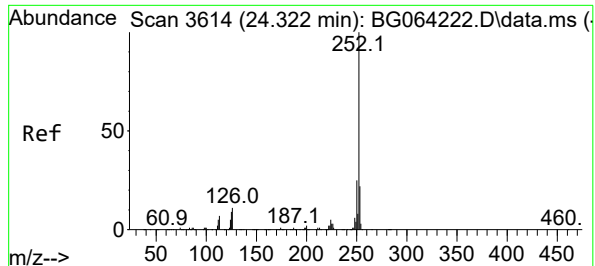
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#89  
Benzo(k)fluoranthene  
Concen: 79.005 ng  
RT: 23.588 min Scan# 3489  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

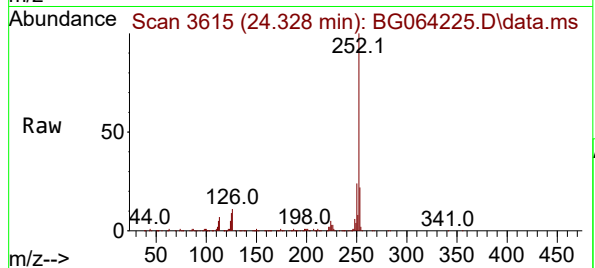
Tgt Ion:252 Resp: 1148481  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.2 27.4  
125 7.7 7.0 10.4





#90  
Benzo(a)pyrene  
Concen: 80.383 ng  
RT: 24.328 min Scan# 3614  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

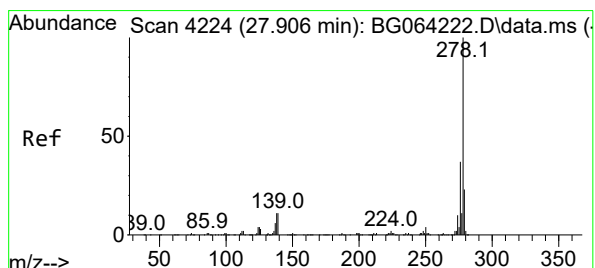
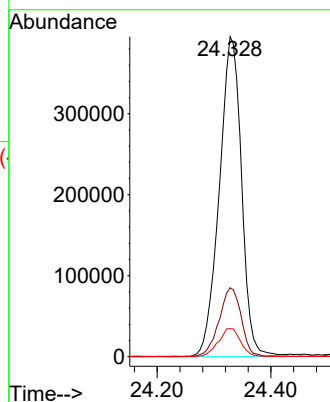
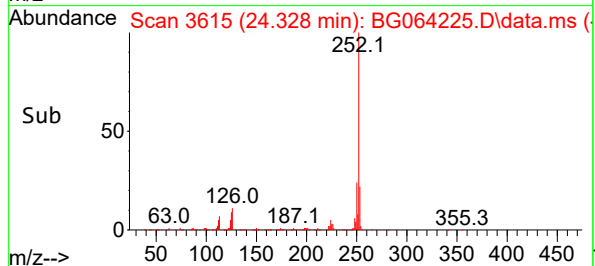
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:252 Resp: 1066950  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.4 26.2  
125 8.8 7.0 10.6

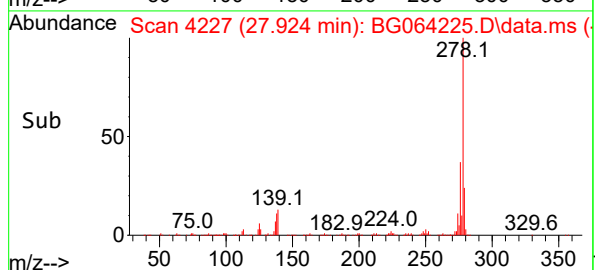
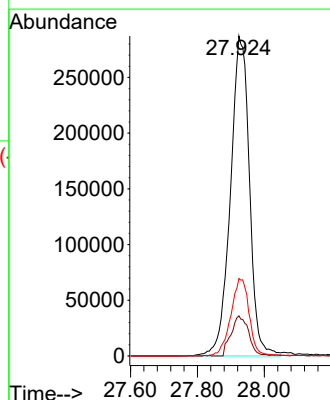
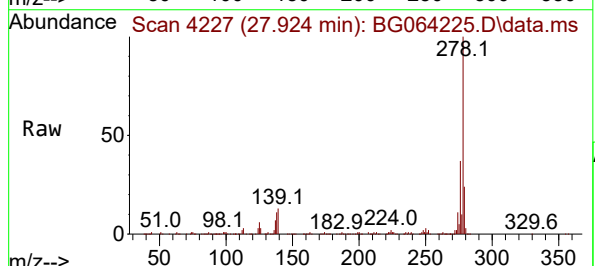
Manual Integrations  
APPROVED

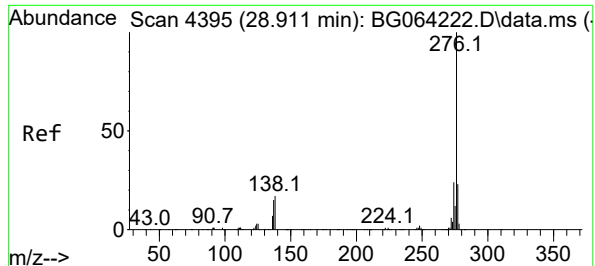
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#91  
Dibenzo(a,h)anthracene  
Concen: 81.749 ng  
RT: 27.924 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: BG064225.D  
Acq: 28 Aug 2025 16:16

Tgt Ion:278 Resp: 1133261  
Ion Ratio Lower Upper  
278 100  
139 12.6 9.0 13.4  
279 24.2 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 80.696 ng

RT: 28.934 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG064225.D

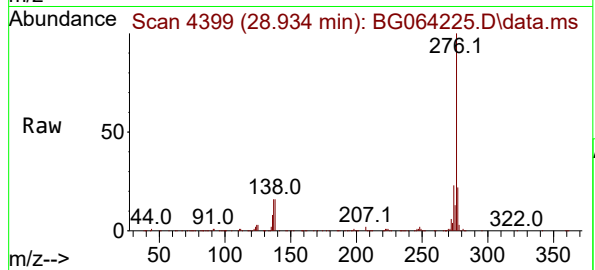
Acq: 28 Aug 2025 16:16

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 108852

Ion Ratio Lower Upper

276 100

277 21.9 18.2 27.4

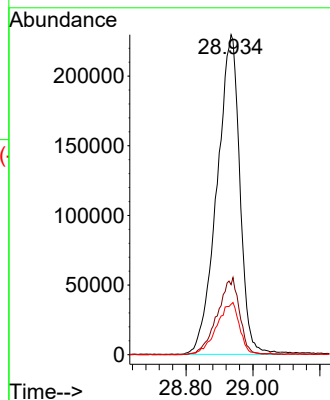
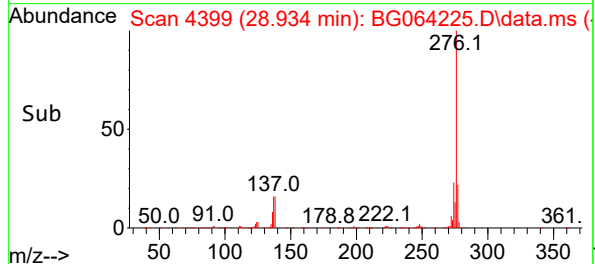
138 15.7 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064226.D  
 Acq On : 28 Aug 2025 18:19  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG082825

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.862  | 152  | 29889    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.647 | 136  | 138322   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.483 | 164  | 98110    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.221 | 188  | 230329   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.452 | 240  | 233808   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.460 | 264  | 253621   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.441  | 112  | 118083   | 70.880 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.022  | 99   | 163938   | 71.628 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.008  | 82   | 190915   | 76.975 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.970 | 330  | 95626    | 73.586 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.109 | 172  | 482755   | 75.105 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.842 | 244  | 849308   | 75.787 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.361  | 88   | 24759    | 35.656 | ng    | 91       |
| 3) Pyridine                   | 3.749  | 79   | 70553    | 34.517 | ng    | # 58     |
| 4) n-Nitrosodimethylamine     | 3.667  | 42   | 50477    | 37.335 | ng    | # 82     |
| 6) Aniline                    | 7.186  | 93   | 120120   | 37.952 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.421  | 128  | 76422    | 37.539 | ng    | 96       |
| 9) Benzaldehyde               | 6.998  | 77   | 64525    | 34.257 | ng    | 98       |
| 10) Phenol                    | 7.045  | 94   | 93735    | 37.147 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.280  | 93   | 71259    | 37.580 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.750  | 146  | 80599    | 37.215 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.891  | 146  | 83439    | 38.174 | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.208  | 146  | 83276    | 39.476 | ng    | 95       |
| 15) Benzyl Alcohol            | 8.091  | 79   | 82068    | 38.856 | ng    | # 92     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.385  | 45   | 158838   | 36.690 | ng    | 97       |
| 17) 2-Methylphenol            | 8.297  | 107  | 70037    | 37.241 | ng    | 93       |
| 18) Hexachloroethane          | 8.937  | 117  | 30906    | 36.223 | ng    | # 87     |
| 19) n-Nitroso-di-n-propyla... | 8.661  | 70   | 69352    | 39.592 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.620  | 107  | 97172    | 37.186 | ng    | 97       |
| 22) Acetophenone              | 8.673  | 105  | 138203   | 39.493 | ng    | # 99     |
| 24) Nitrobenzene              | 9.049  | 77   | 97991    | 37.815 | ng    | 99       |
| 25) Isophorone                | 9.577  | 82   | 203159   | 39.413 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.760  | 139  | 45144    | 40.318 | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 9.824  | 122  | 82382    | 41.907 | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.059 | 93   | 108249   | 38.946 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.288 | 162  | 78373    | 37.784 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.512 | 180  | 84798    | 38.773 | ng    | 93       |
| 31) Naphthalene               | 10.694 | 128  | 269029   | 37.507 | ng    | 97       |
| 32) Benzoic acid              | 9.959  | 122  | 63444m   | 40.656 | ng    |          |
| 33) 4-Chloroaniline           | 10.800 | 127  | 121492   | 43.702 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.988 | 225  | 59520    | 36.817 | ng    | 93       |
| 35) Caprolactam               | 11.569 | 113  | 30886    | 38.456 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.922 | 107  | 102318   | 38.019 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.304 | 142  | 182749   | 34.277 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.527 | 142  | 193924   | 36.825 | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.674 | 216  | 109403   | 38.648 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.656 | 237  | 69252    | 51.474 | ng    | 89       |
| 43) 2,4,6-Trichlorophenol     | 12.909 | 196  | 74572    | 39.413 | ng    | 88       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064226.D  
 Acq On : 28 Aug 2025 18:19  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG082825

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025

Quant Time: Aug 28 19:07:41 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

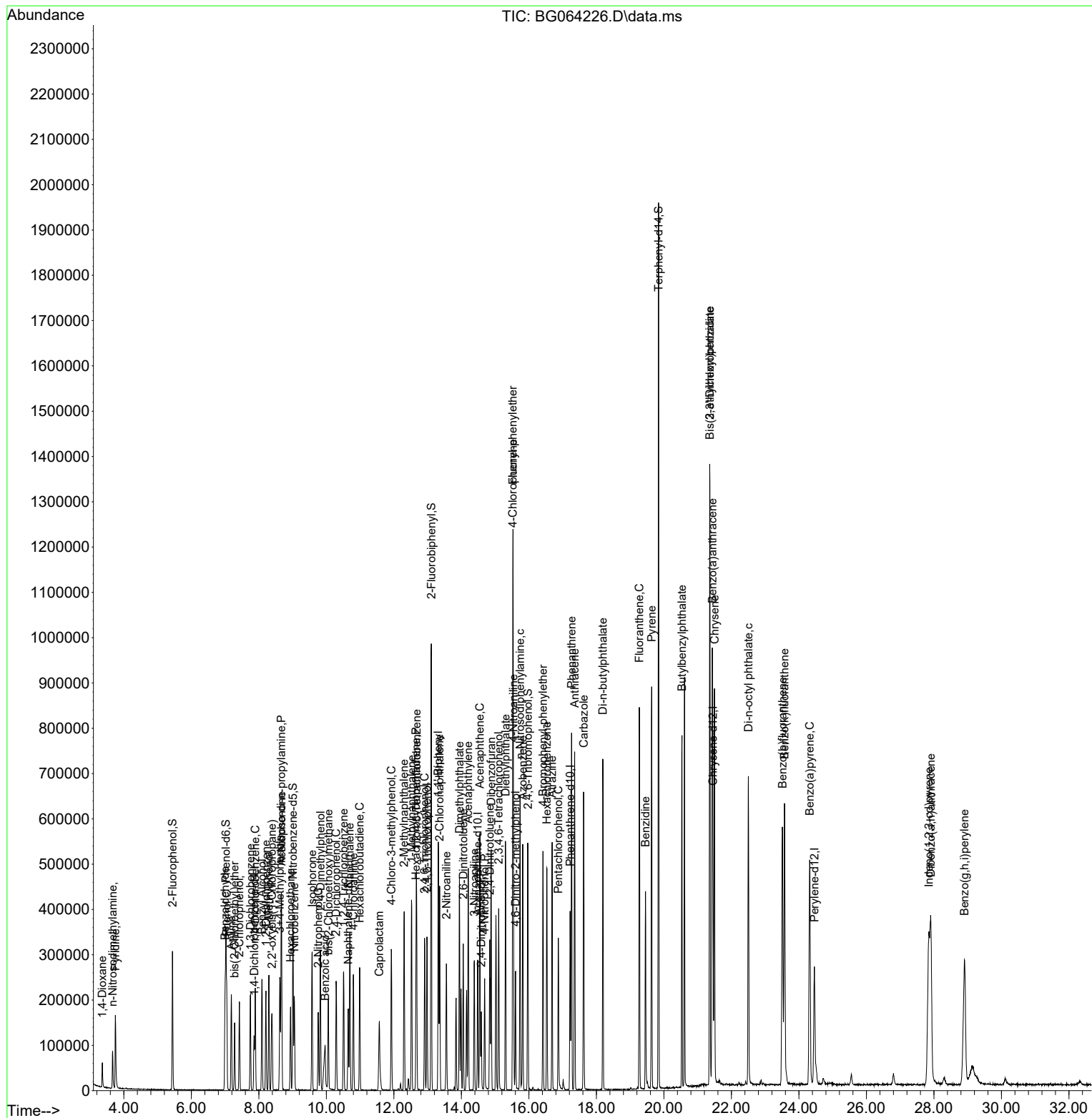
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.979 | 196  | 78503    | 38.249 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.314 | 154  | 278762   | 39.011 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.355 | 162  | 205642   | 38.279 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.555 | 65   | 76496    | 41.777 | ng    | 92       |
| 49) Acenaphthylene            | 14.201 | 152  | 345867   | 43.553 | ng    | 99       |
| 50) Dimethylphthalate         | 13.943 | 163  | 281514   | 37.909 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.055 | 165  | 61558    | 42.818 | ng    | 92       |
| 52) Acenaphthene              | 14.548 | 154  | 208675   | 37.235 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.384 | 138  | 63336    | 42.058 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.589 | 184  | 32669    | 37.975 | ng #  | 89       |
| 55) Dibenzofuran              | 14.883 | 168  | 333145   | 37.793 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.689 | 139  | 48467    | 39.235 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.842 | 165  | 88592    | 40.756 | ng #  | 95       |
| 58) Fluorene                  | 15.529 | 166  | 277028   | 38.343 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.106 | 232  | 80509    | 40.784 | ng    | 97       |
| 60) Diethylphthalate          | 15.306 | 149  | 297822   | 37.474 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.523 | 204  | 136825   | 37.983 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.541 | 138  | 64904    | 42.237 | ng    | 87       |
| 63) Azobenzene                | 15.817 | 77   | 276201   | 38.992 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.606 | 198  | 50530    | 38.211 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.741 | 169  | 244884   | 38.649 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.417 | 248  | 91586    | 37.437 | ng    | 95       |
| 68) Hexachlorobenzene         | 16.534 | 284  | 102532   | 37.742 | ng    | 92       |
| 69) Atrazine                  | 16.687 | 200  | 99280    | 37.526 | ng    | 95       |
| 70) Pentachlorophenol         | 16.869 | 266  | 60707    | 36.854 | ng    | 92       |
| 71) Phenanthrene              | 17.263 | 178  | 457203   | 37.635 | ng    | 97       |
| 72) Anthracene                | 17.357 | 178  | 468737   | 37.931 | ng    | 98       |
| 73) Carbazole                 | 17.621 | 167  | 412655   | 37.906 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.191 | 149  | 497961   | 38.074 | ng    | 100      |
| 75) Fluoranthene              | 19.272 | 202  | 524509   | 36.720 | ng    | 100      |
| 77) Benzidine                 | 19.454 | 184  | 250946   | 51.021 | ng    | 99       |
| 78) Pyrene                    | 19.636 | 202  | 551941   | 37.470 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.535 | 149  | 215271   | 38.747 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.434 | 228  | 570869   | 38.165 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.358 | 252  | 204932   | 42.067 | ng    | 98       |
| 83) Chrysene                  | 21.499 | 228  | 544729   | 37.933 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.364 | 149  | 325380   | 39.008 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.503 | 149  | 565788   | 38.929 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.850 | 276  | 660292   | 38.123 | ng #  | 96       |
| 88) Benzo(b)fluoranthene      | 23.514 | 252  | 559215   | 39.068 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.573 | 252  | 556111   | 38.135 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.319 | 252  | 537384   | 40.358 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 27.909 | 278  | 541703   | 38.953 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.908 | 276  | 528738   | 39.074 | ng    | 99       |

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

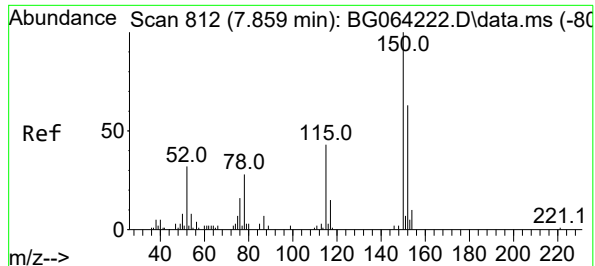
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
ICVBG082825

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jaagrut Upadhyay 08/29/2025

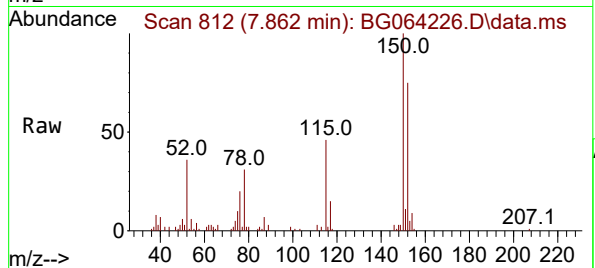






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.862 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

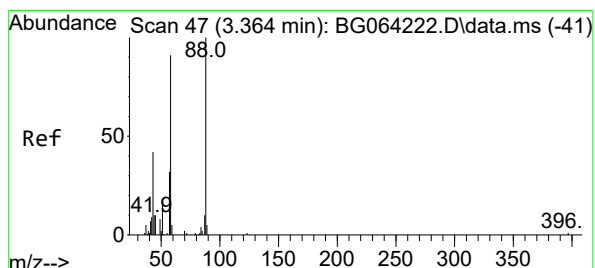
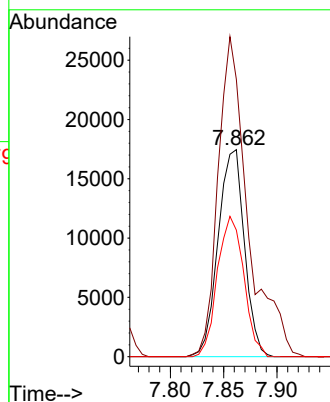
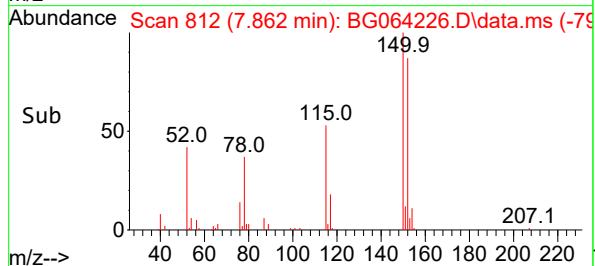
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:152 Resp: 29889  
Ion Ratio Lower Upper  
152 100  
150 133.9 128.0 192.0  
115 61.2 55.7 83.5

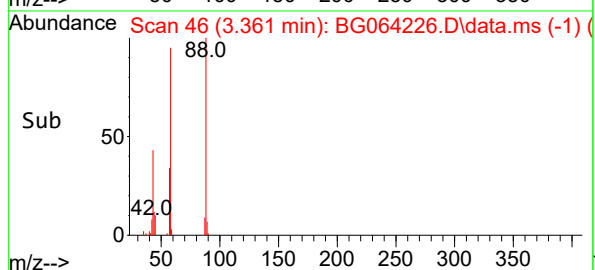
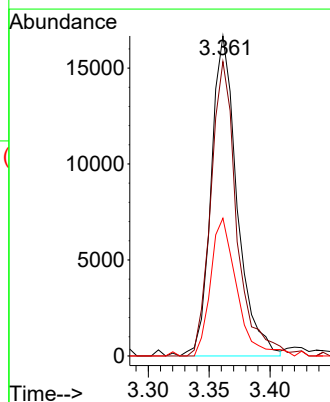
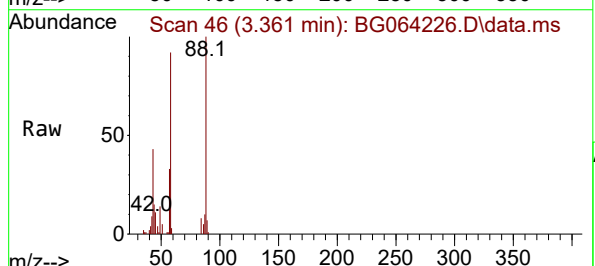
Manual Integrations  
APPROVED

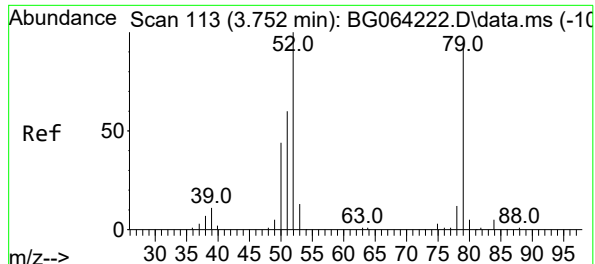
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#2  
1,4-Dioxane  
Concen: 35.656 ng  
RT: 3.361 min Scan# 46  
Delta R.T. 0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

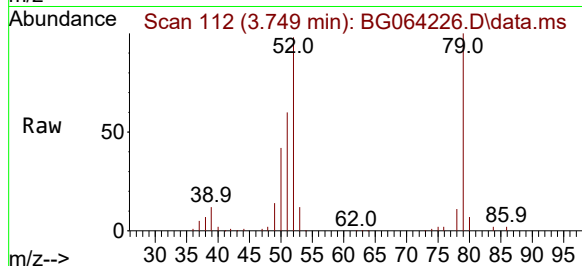
Tgt Ion: 88 Resp: 24759  
Ion Ratio Lower Upper  
88 100  
58 92.0 80.8 121.2  
43 43.7 40.3 60.5





#3  
Pyridine  
Concen: 34.517 ng  
RT: 3.749 min Scan# 113  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

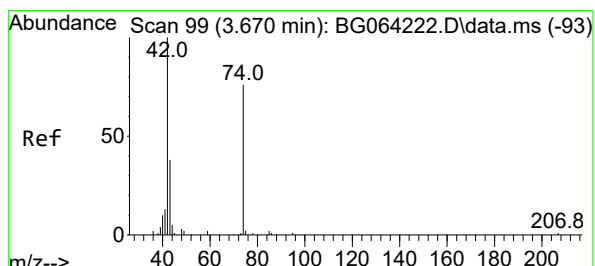
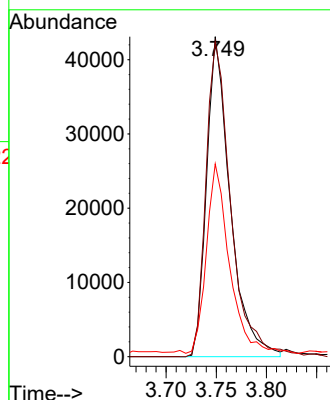
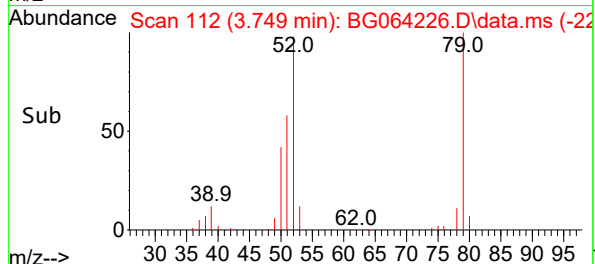
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion: 79 Resp: 7055  
Ion Ratio Lower Upper  
79 100  
52 98.4 86.6 129.8  
51 60.3 114.1 171.1

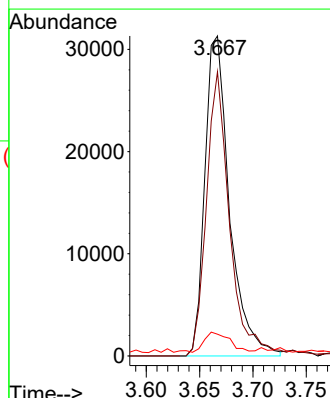
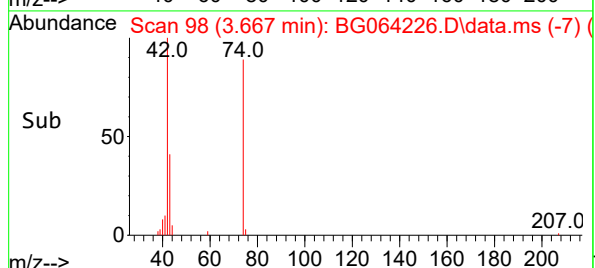
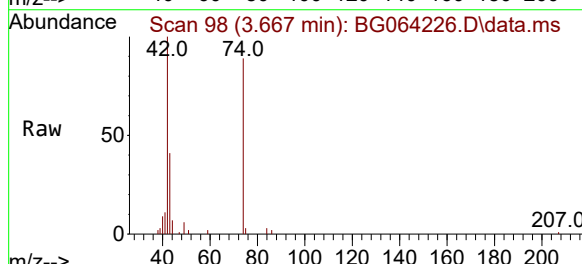
Manual Integrations  
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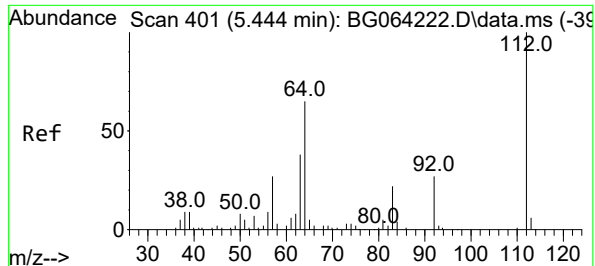
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#4  
n-Nitrosodimethylamine  
Concen: 37.335 ng  
RT: 3.667 min Scan# 98  
Delta R.T. 0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion: 42 Resp: 50477  
Ion Ratio Lower Upper  
42 100  
74 88.8 58.0 87.0  
44 6.8 5.5 8.3





#5  
2-Fluorophenol  
Concen: 70.880 ng  
RT: 5.441 min Scan# 401  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

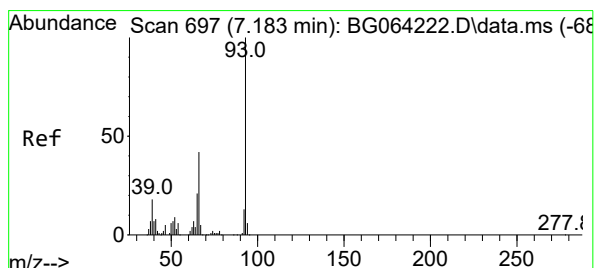
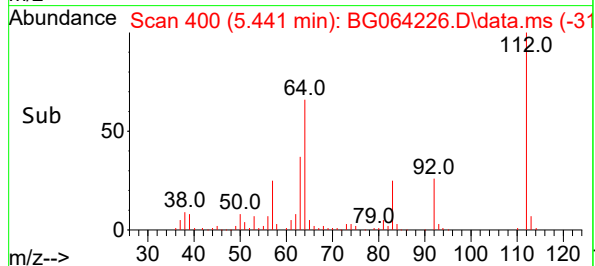
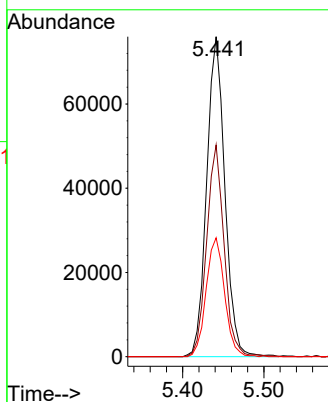
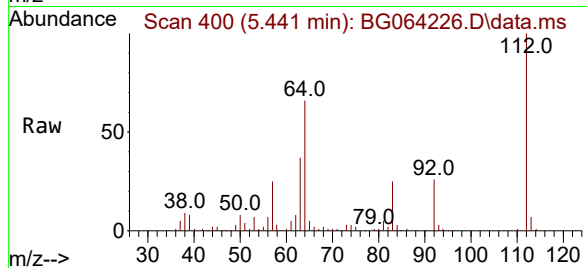
ICVBG082825

Tgt Ion:112 Resp: 11808  
Ion Ratio Lower Upper  
112 100  
64 66.2 51.8 77.6  
63 37.1 30.6 45.8

Manual Integrations

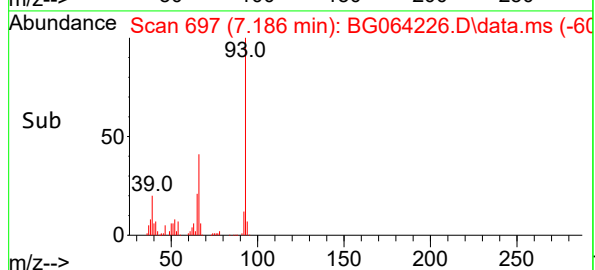
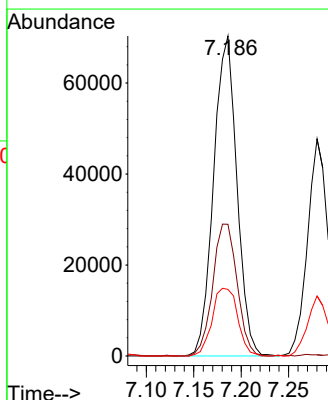
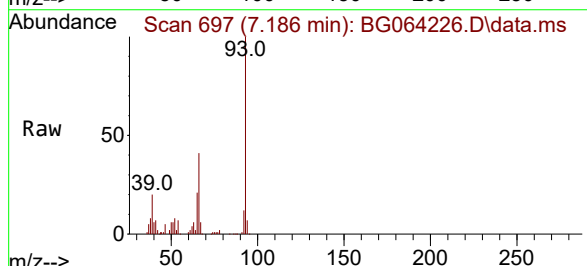
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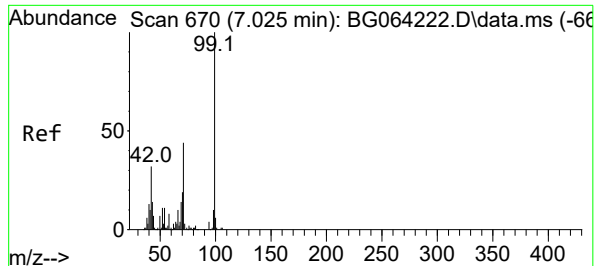
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#6  
Aniline  
Concen: 37.952 ng  
RT: 7.186 min Scan# 697  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

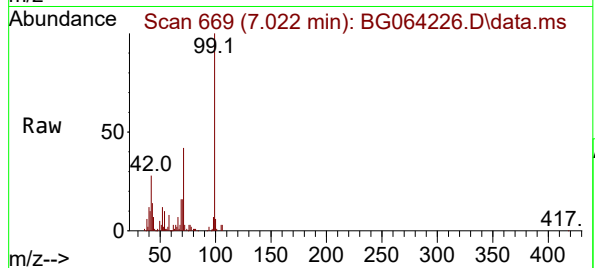
Tgt Ion: 93 Resp: 120120  
Ion Ratio Lower Upper  
93 100  
66 41.2 33.8 50.8  
65 20.8 16.9 25.3





#7  
Phenol-d6  
Concen: 71.628 ng  
RT: 7.022 min Scan# 60  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

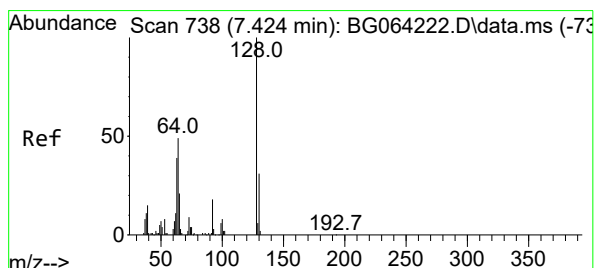
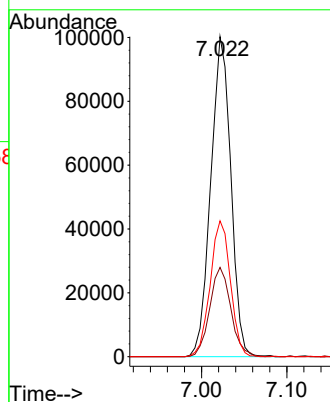
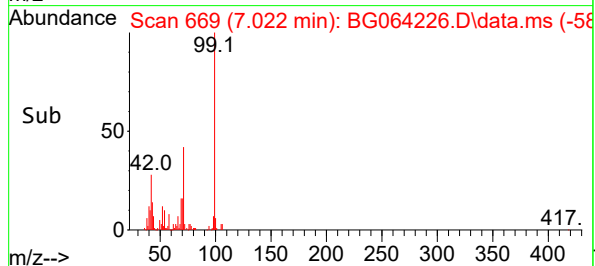
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion: 99 Resp: 163938  
Ion Ratio Lower Upper  
99 100  
42 27.9 25.8 38.8  
71 42.4 35.2 52.8

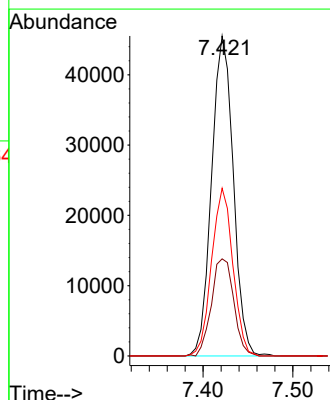
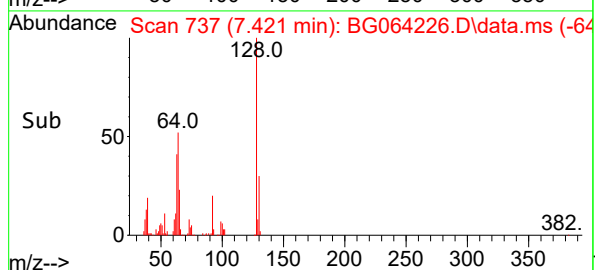
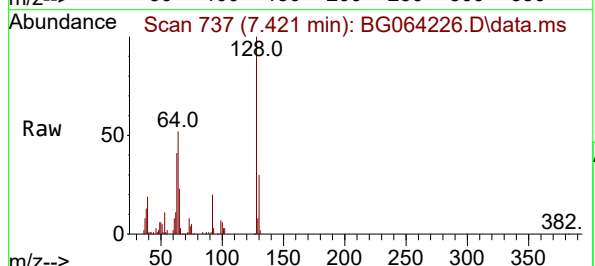
Manual Integrations  
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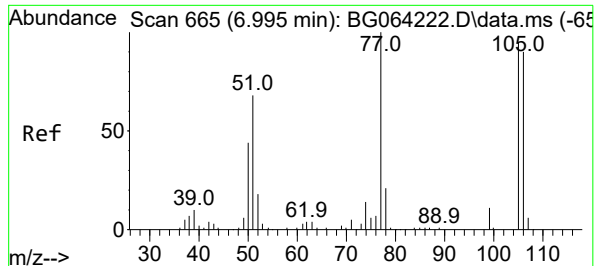
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#8  
2-Chlorophenol  
Concen: 37.539 ng  
RT: 7.421 min Scan# 737  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

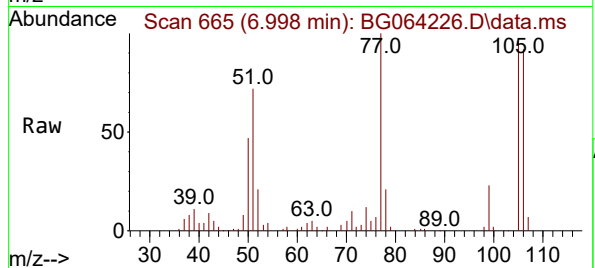
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Ion Ratio Lower Upper  
128 100  
130 30.3 10.9 50.9  
64 52.4 28.7 68.7





#9  
Benzaldehyde  
Concen: 34.257 ng  
RT: 6.998 min Scan# 60  
Delta R.T. 0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

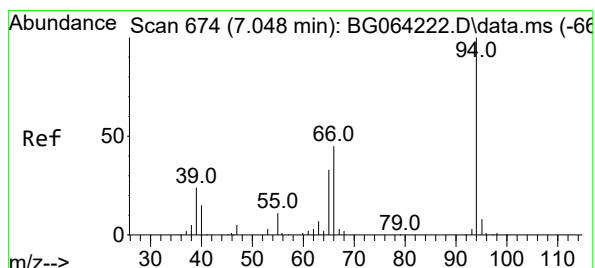
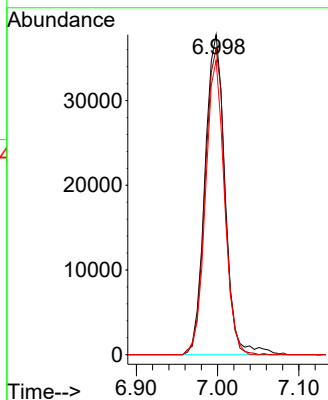
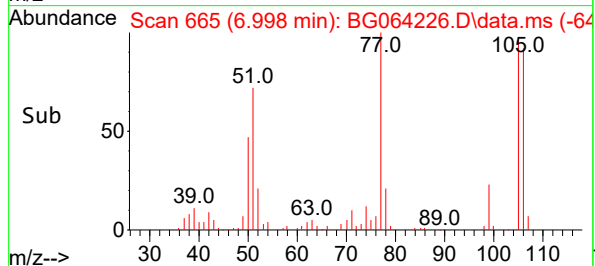
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion: 77 Resp: 6452  
Ion Ratio Lower Upper  
77 100  
105 95.8 75.2 115.2  
106 92.0 69.6 109.6

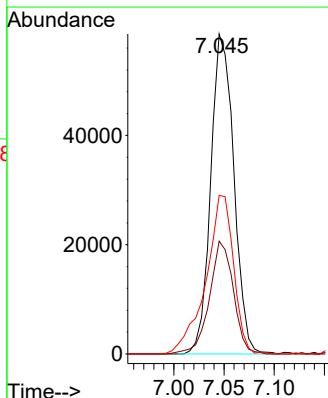
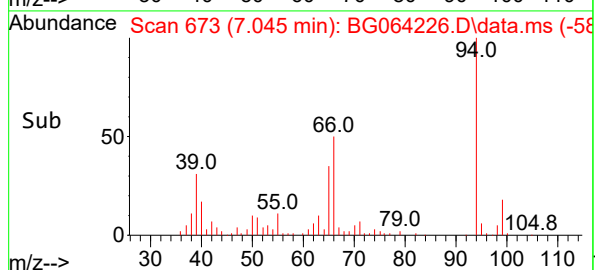
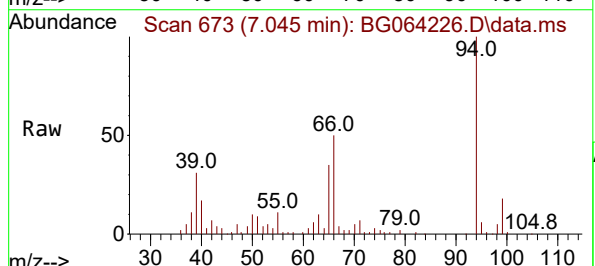
Manual Integrations  
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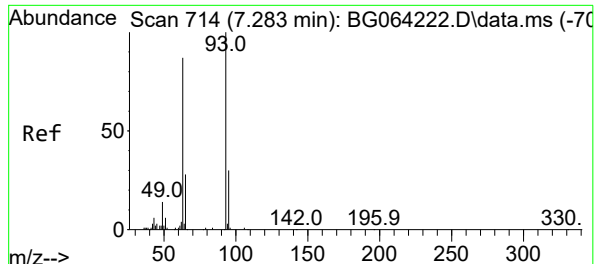
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#10  
Phenol  
Concen: 37.147 ng  
RT: 7.045 min Scan# 673  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion: 94 Resp: 93735  
Ion Ratio Lower Upper  
94 100  
65 35.3 13.5 53.5  
66 49.6 26.2 66.2





#11

bis(2-Chloroethyl)ether

Concen: 37.580 ng

RT: 7.280 min Scan# 714

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

Tgt Ion: 93 Resp: 71259

Ion Ratio Lower Upper

93 100

63 88.5 66.2 106.2

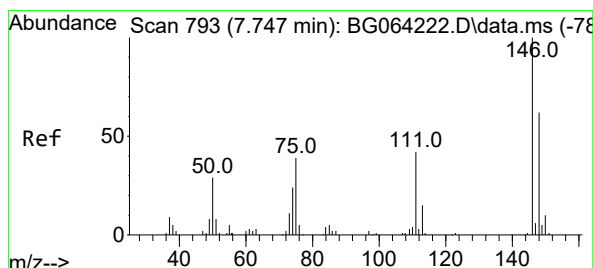
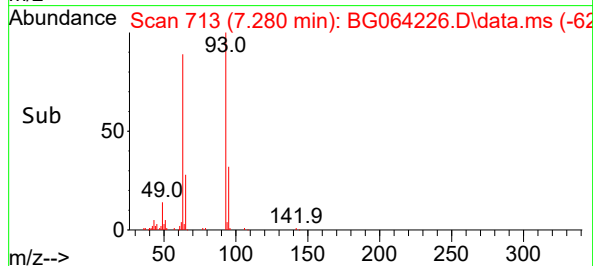
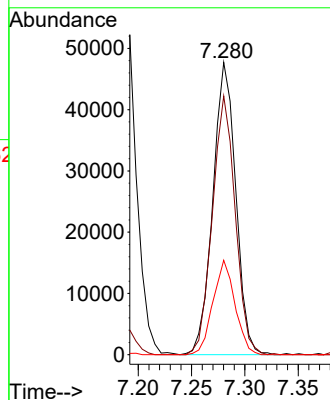
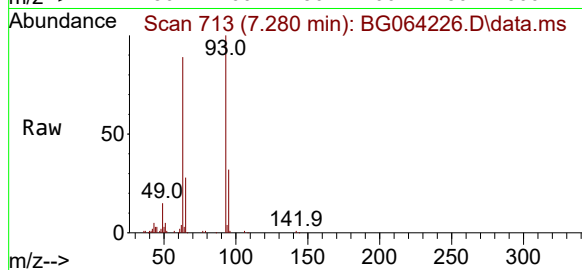
95 32.3 9.8 49.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#12

1,3-Dichlorobenzene

Concen: 37.215 ng

RT: 7.750 min Scan# 793

Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

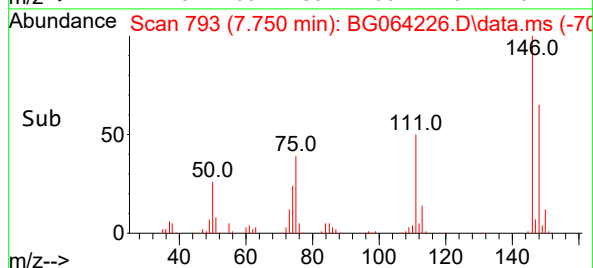
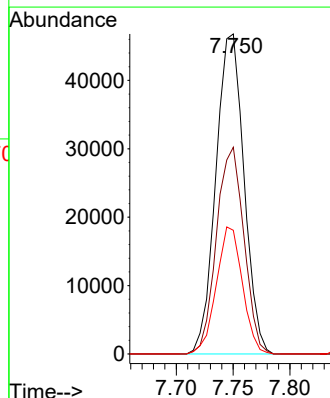
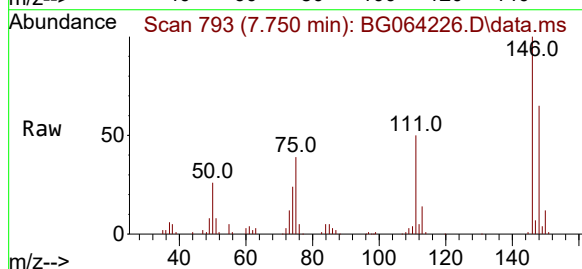
Tgt Ion:146 Resp: 80599

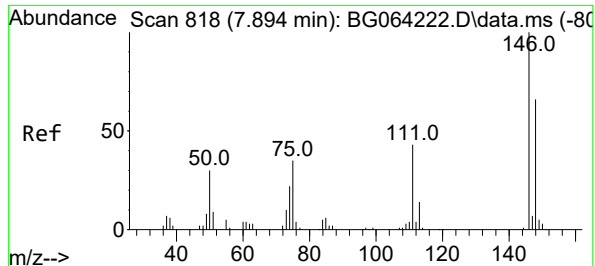
Ion Ratio Lower Upper

146 100

148 64.6 49.6 74.4

75 38.6 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 38.174 ng

RT: 7.891 min Scan# 818

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

Tgt Ion:146 Resp: 83439

Ion Ratio Lower Upper

146 100

148 60.0 52.8 79.2

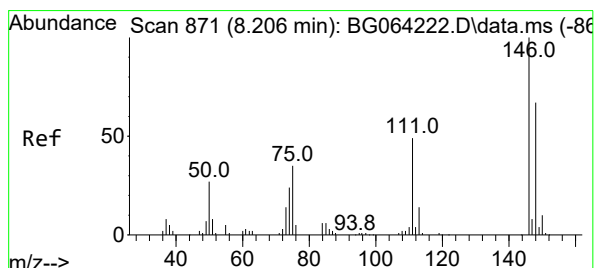
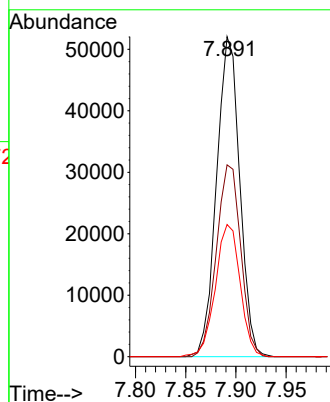
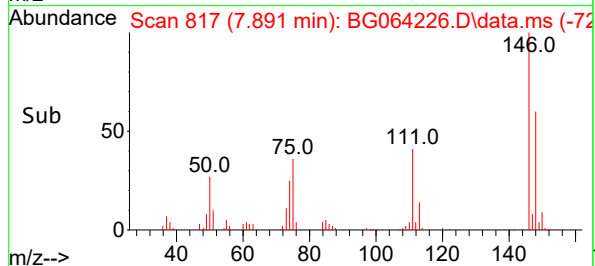
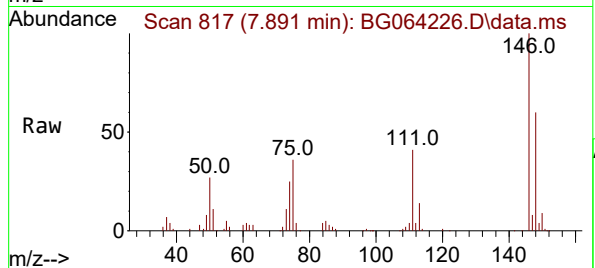
111 41.3 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#14

1,2-Dichlorobenzene

Concen: 39.476 ng

RT: 8.208 min Scan# 871

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

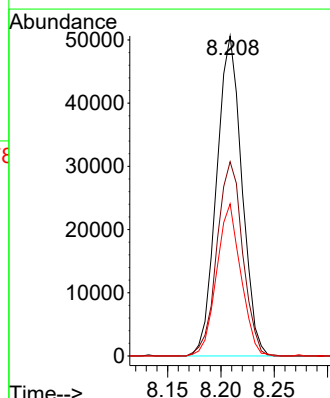
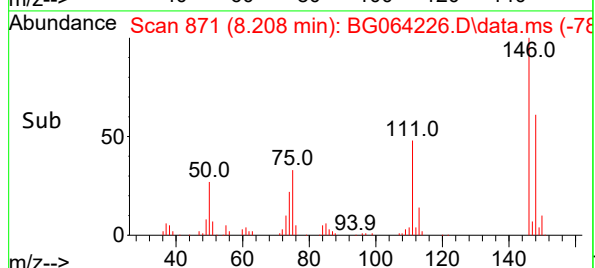
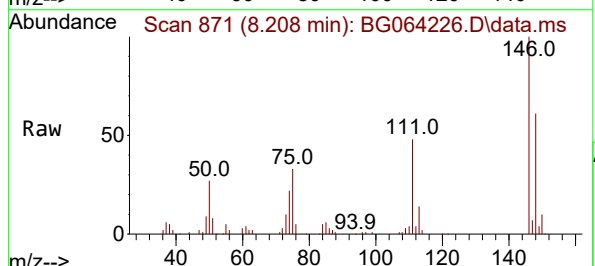
Tgt Ion:146 Resp: 83276

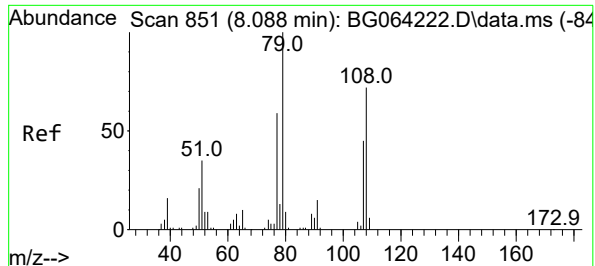
Ion Ratio Lower Upper

146 100

148 60.7 53.4 80.0

111 47.5 39.1 58.7





#15

Benzyl Alcohol

Concen: 38.856 ng

RT: 8.091 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

Tgt Ion: 79 Resp: 82068

Ion Ratio Lower Upper

79 100

108 72.4 57.4 86.0

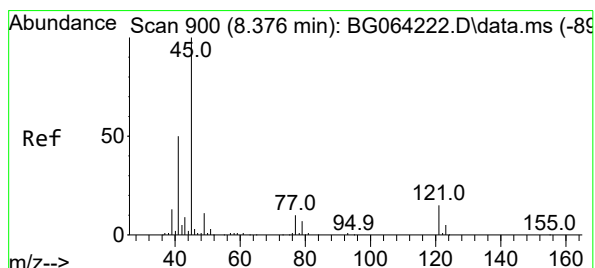
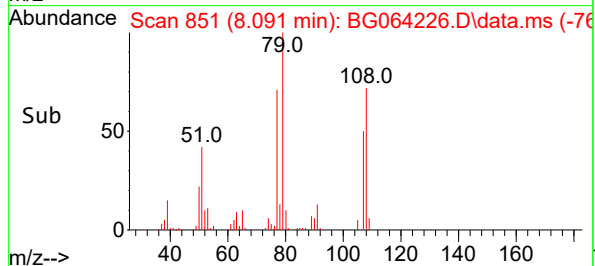
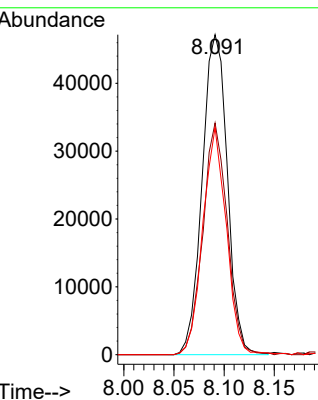
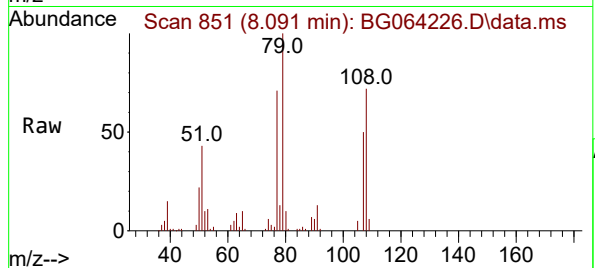
77 71.0 47.2 70.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.690 ng

RT: 8.385 min Scan# 901

Delta R.T. 0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

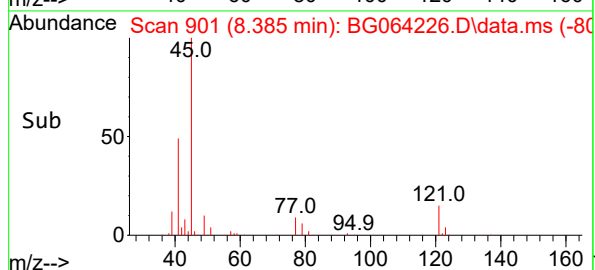
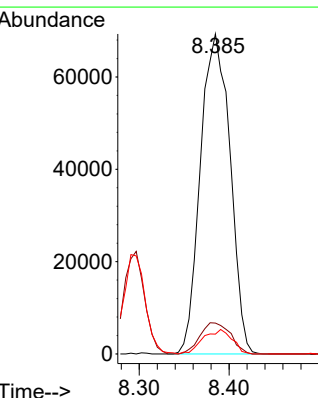
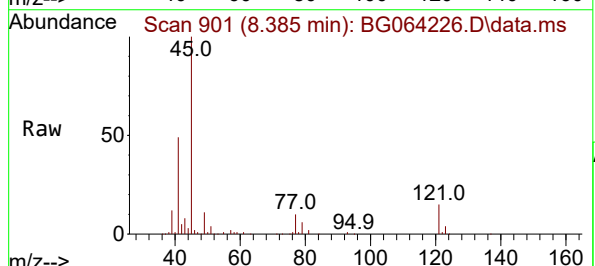
Tgt Ion: 45 Resp: 158838

Ion Ratio Lower Upper

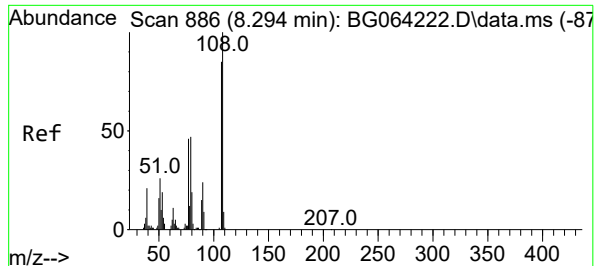
45 100

77 9.7 0.0 30.0

79 6.2 0.0 27.9







#17

2-Methylphenol

Concen: 37.241 ng

RT: 8.297 min Scan# 886

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

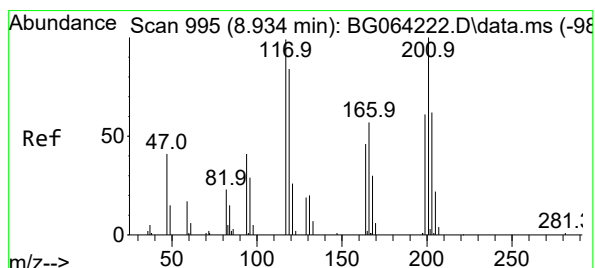
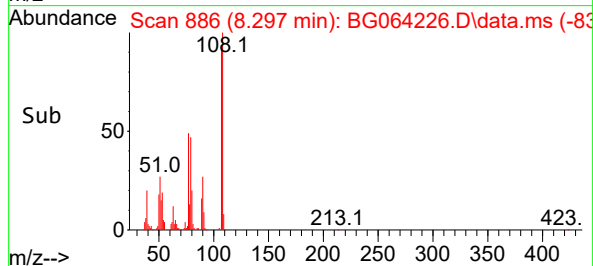
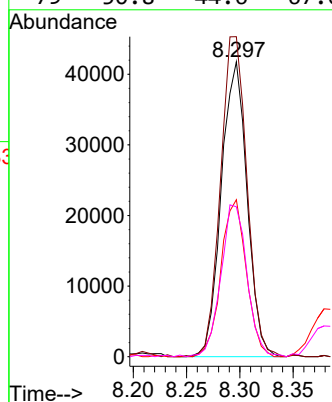
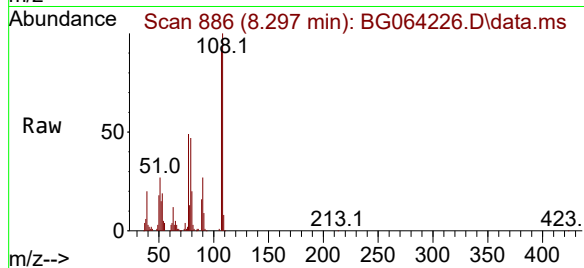
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 7003  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.5 | 94.6  | 141.8 |
| 77       | 53.2  | 43.7  | 65.5  |
| 79       | 50.8  | 44.6  | 67.0  |

## Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#18

Hexachloroethane

Concen: 36.223 ng

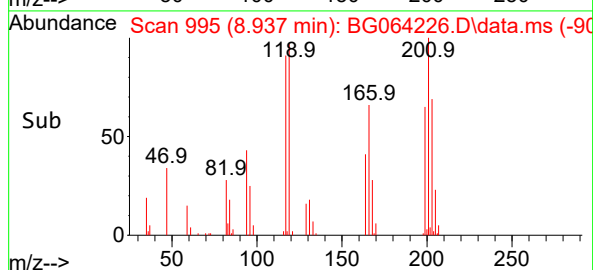
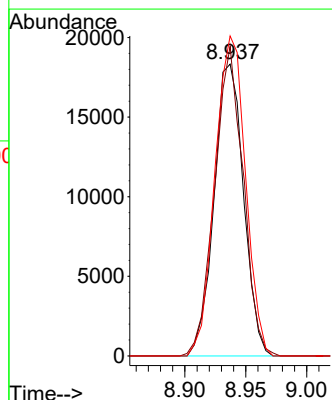
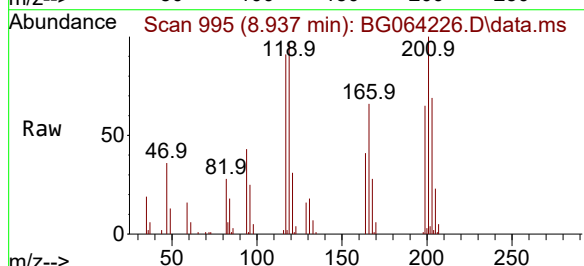
RT: 8.937 min Scan# 995

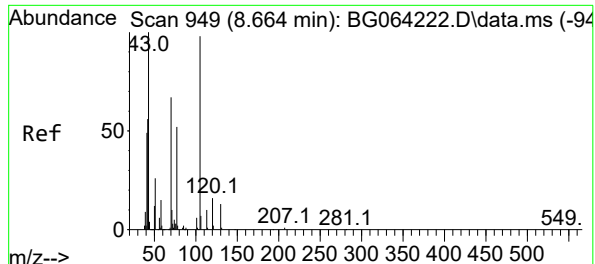
Delta R.T. 0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

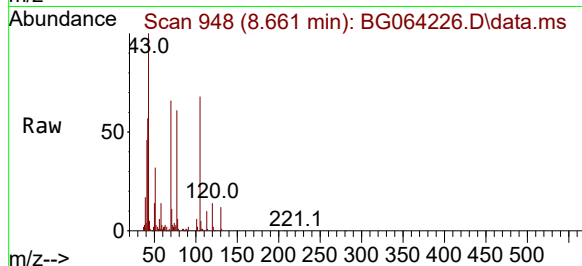
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 30906 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 103.9 | 67.9  | 101.9 |
| 201      | 107.4 | 80.5  | 120.7 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.592 ng  
RT: 8.661 min Scan# 94  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

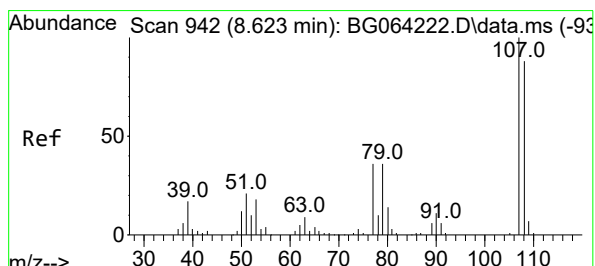
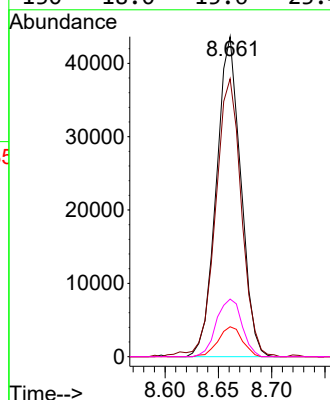
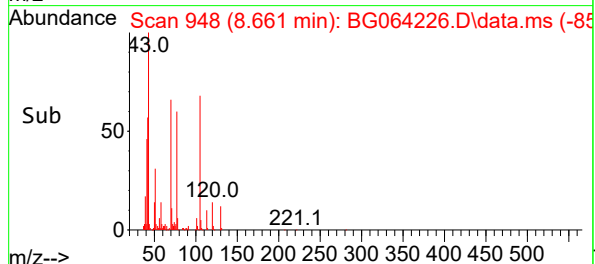
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion: 70 Resp: 69352  
Ion Ratio Lower Upper  
70 100  
42 86.8 67.9 101.9  
101 9.3 7.3 10.9  
130 18.0 15.6 23.4

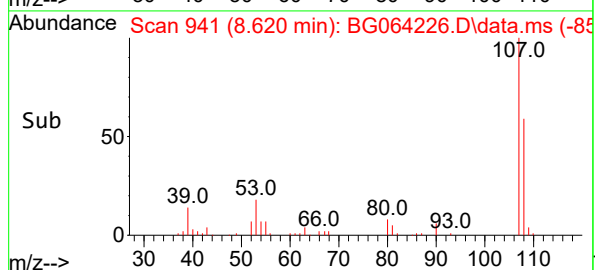
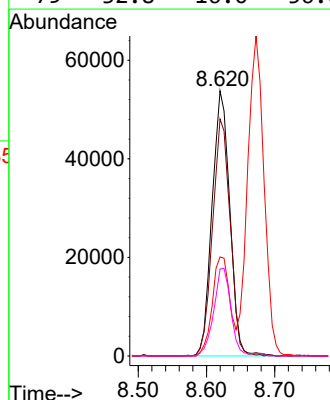
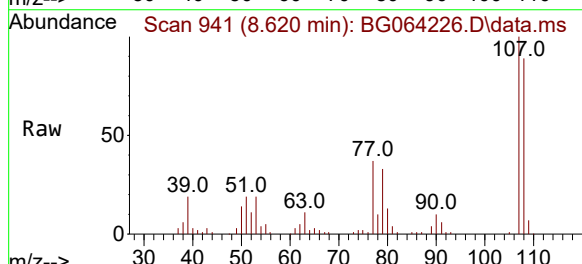
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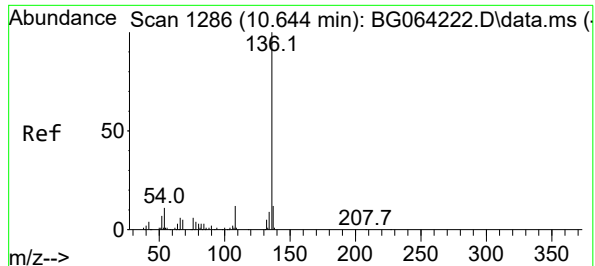
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#20  
3+4-Methylphenols  
Concen: 37.186 ng  
RT: 8.620 min Scan# 941  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion:107 Resp: 97172  
Ion Ratio Lower Upper  
107 100  
108 89.4 68.1 108.1  
77 37.3 15.9 55.9  
79 32.8 16.0 56.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.647 min Scan# 1286

Delta R.T. -0.003 min

Lab File: BG064226.D

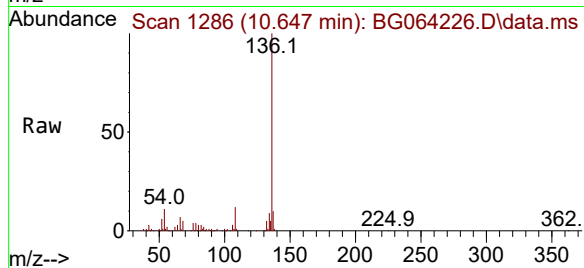
Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825



Tgt Ion:136 Resp: 13832

Ion Ratio Lower Upper

136 100

137 10.0 9.6 14.4

54 10.5 8.8 13.2

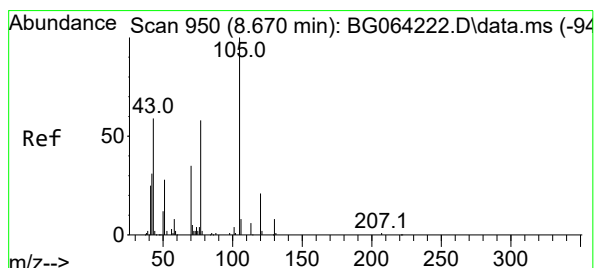
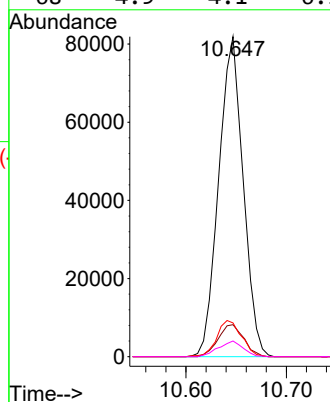
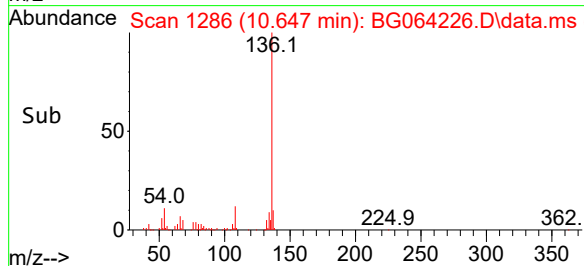
68 4.9 4.1 6.1

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#22

Acetophenone

Concen: 39.493 ng

RT: 8.673 min Scan# 950

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:105 Resp: 138203

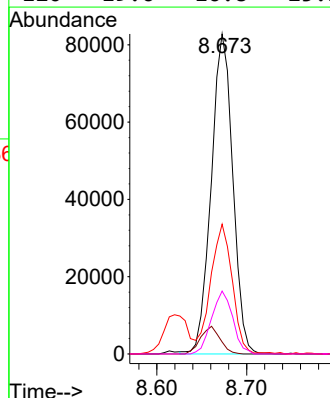
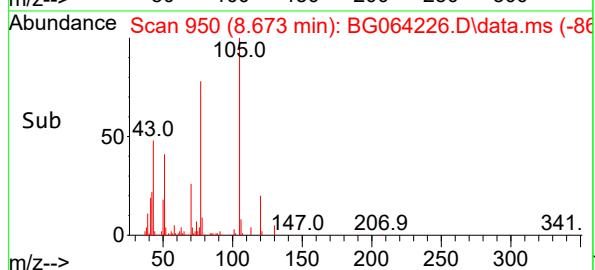
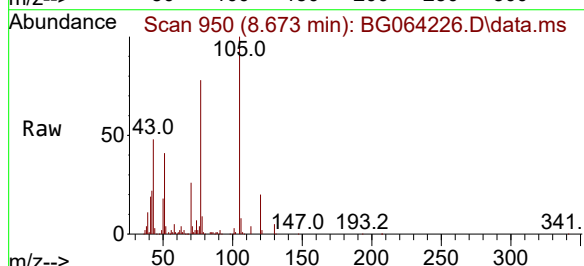
Ion Ratio Lower Upper

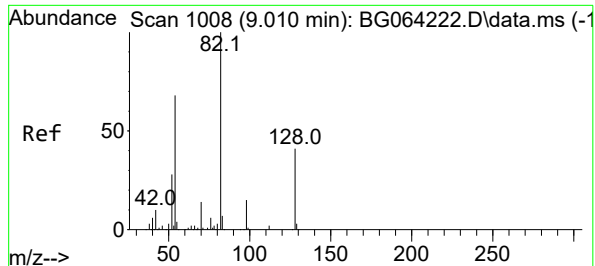
105 100

71 3.8 4.3 6.5

51 40.5 32.4 48.6

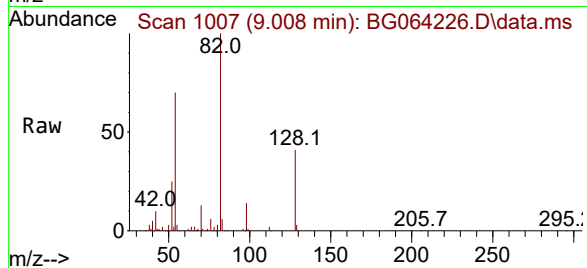
120 19.6 16.8 25.2





#23  
Nitrobenzene-d5  
Concen: 76.975 ng  
RT: 9.008 min Scan# 1007  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

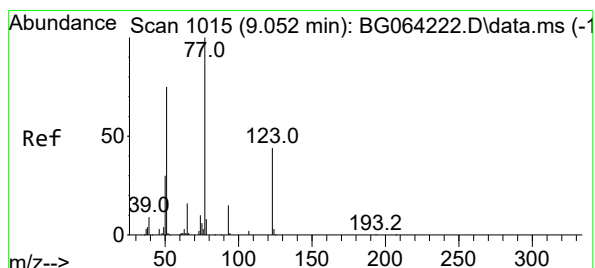
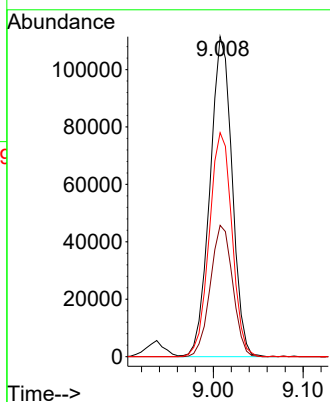
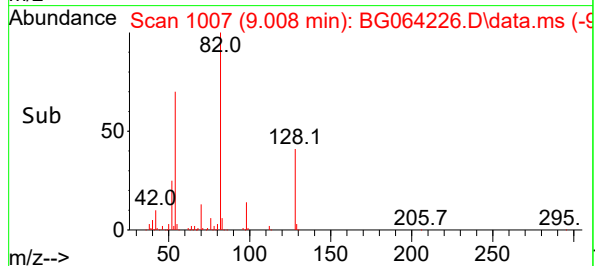
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion: 82 Resp: 190915  
Ion Ratio Lower Upper  
82 100  
128 41.1 32.6 48.8  
54 70.0 54.7 82.1

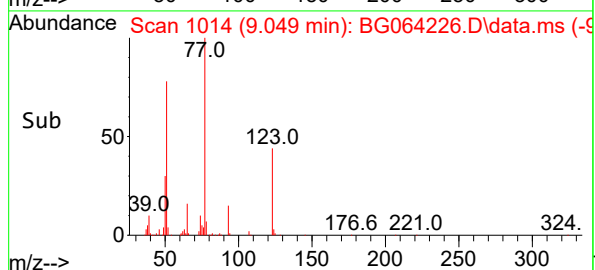
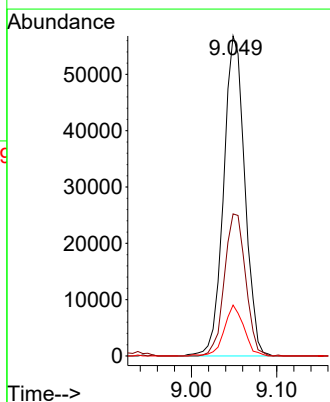
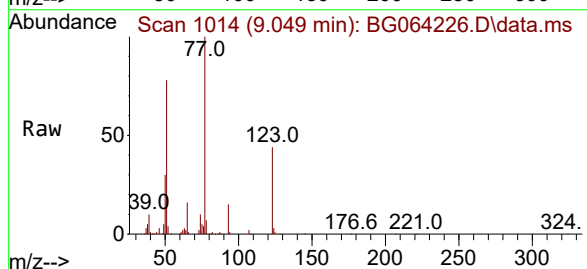
Manual Integrations  
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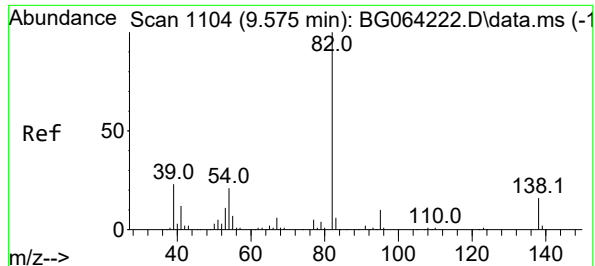
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#24  
Nitrobenzene  
Concen: 37.815 ng  
RT: 9.049 min Scan# 1014  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion: 77 Resp: 97991  
Ion Ratio Lower Upper  
77 100  
123 44.4 35.2 52.8  
65 15.9 12.6 19.0





#25

Isophorone

Concen: 39.413 ng

RT: 9.577 min Scan# 1104

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

Tgt Ion: 82 Resp: 20315

Ion Ratio Lower Upper

82 100

95 9.1 7.9 11.9

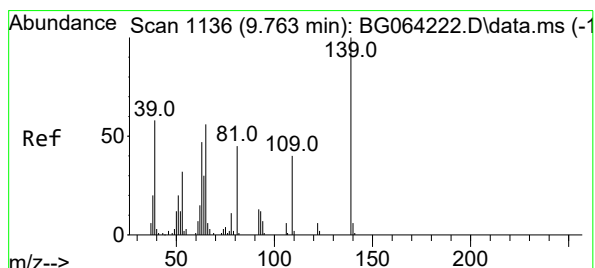
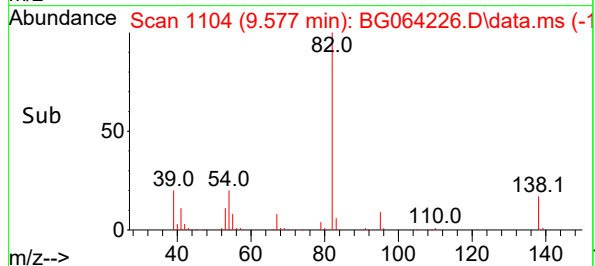
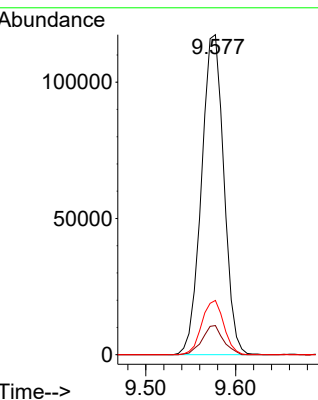
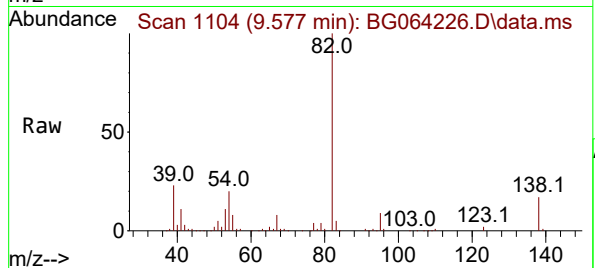
138 16.9 13.0 19.4

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#26

2-Nitrophenol

Concen: 40.318 ng

RT: 9.760 min Scan# 1135

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

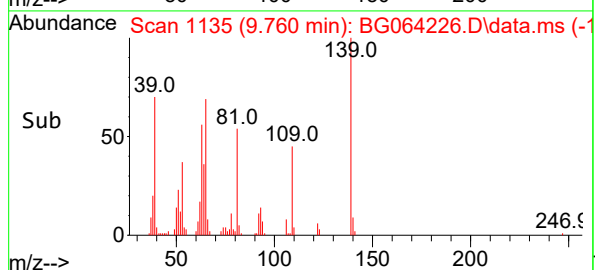
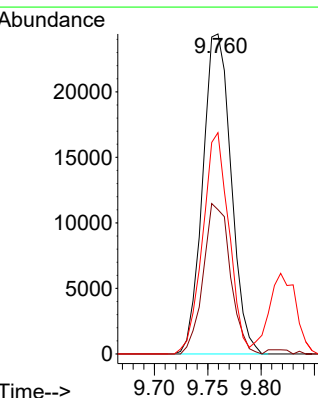
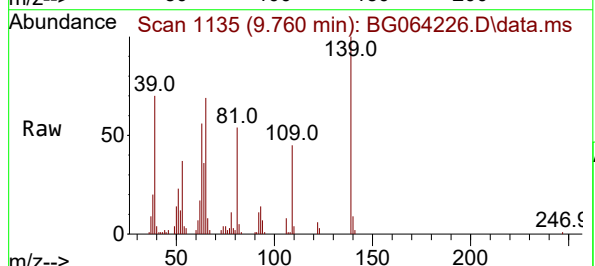
Tgt Ion:139 Resp: 45144

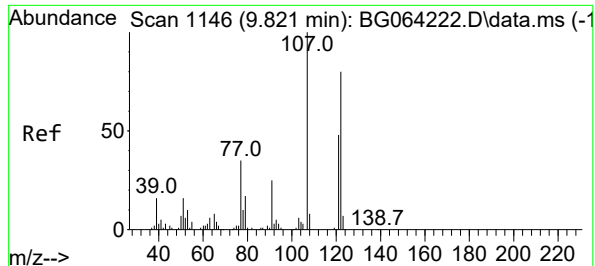
Ion Ratio Lower Upper

139 100

109 45.1 32.4 48.6

65 69.2 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 41.907 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

Tgt Ion:122 Resp: 8238

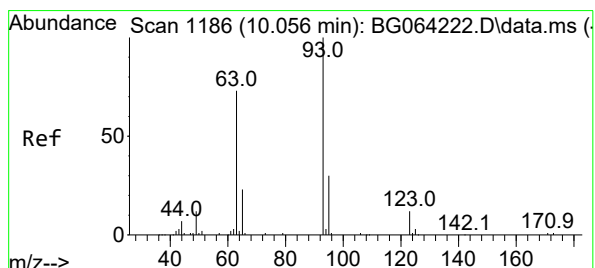
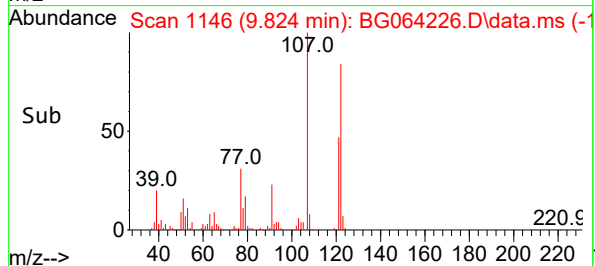
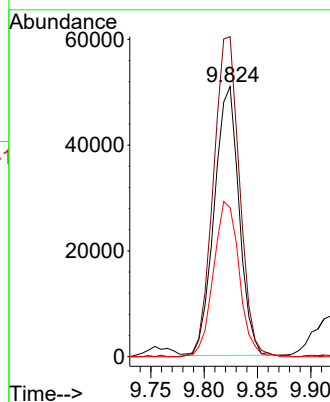
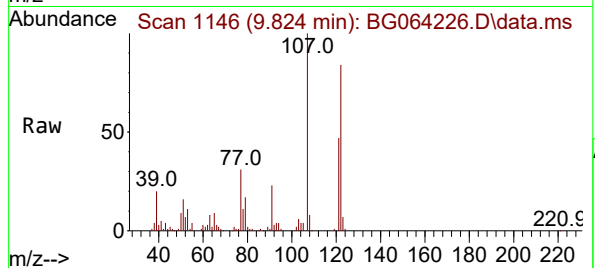
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 107 | 118.4 | 99.9  | 149.9 |
| 121 | 55.2  | 48.6  | 72.8  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.946 ng

RT: 10.059 min Scan# 1186

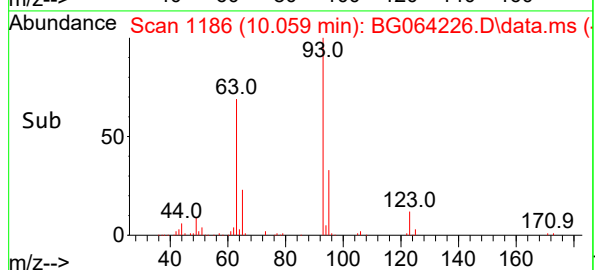
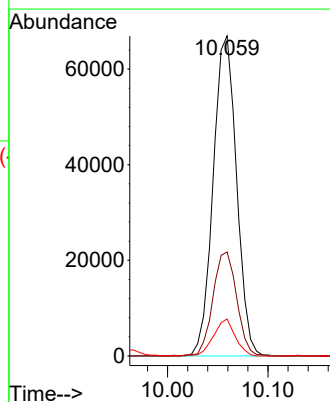
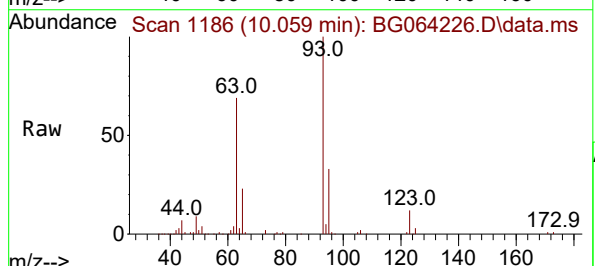
Delta R.T. -0.003 min

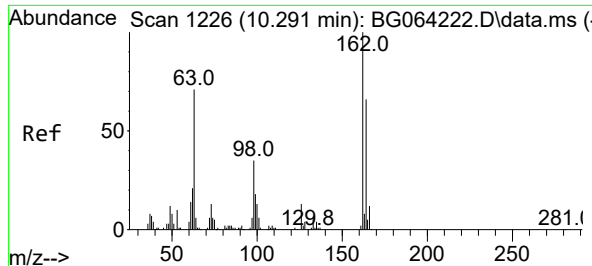
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion: 93 Resp: 108249

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 32.5  | 23.9  | 35.9  |
| 123 | 11.5  | 9.6   | 14.4  |





#29

2,4-Dichlorophenol

Concen: 37.784 ng

RT: 10.288 min Scan# 1225

Delta R.T. -0.009 min

Lab File: BG064226.D

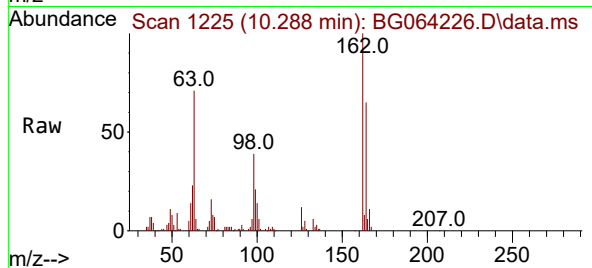
Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825



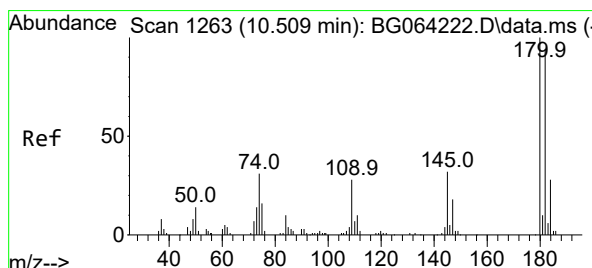
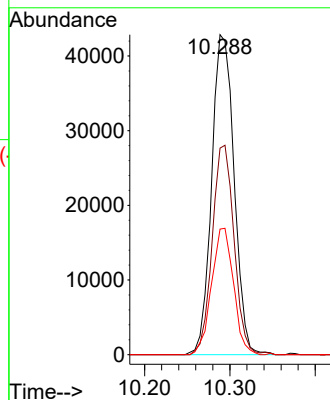
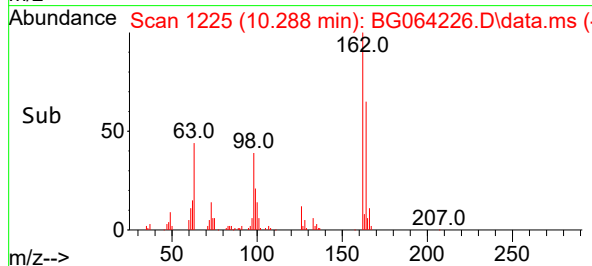
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 7837  |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 64.6  | 45.8  | 85.8  |
| 98       | 39.2  | 15.2  | 55.2  |

## Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#30

1,2,4-Trichlorobenzene

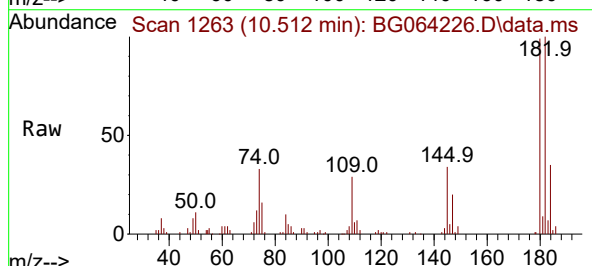
Concen: 38.773 ng

RT: 10.512 min Scan# 1263

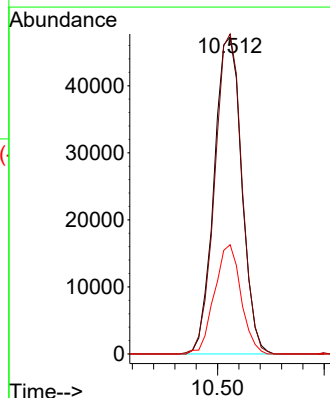
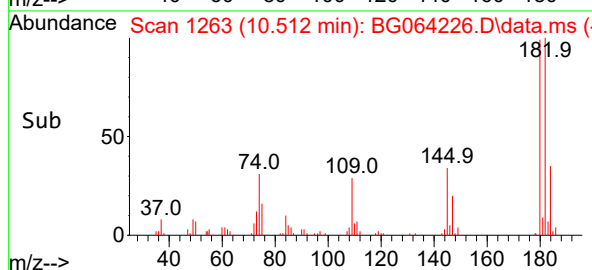
Delta R.T. 0.003 min

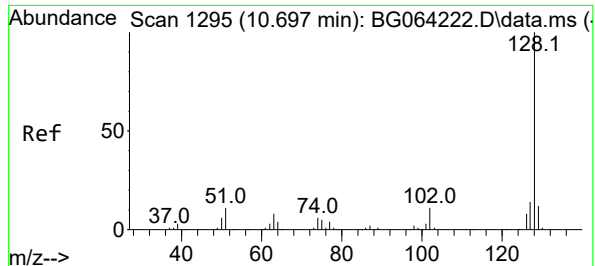
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19



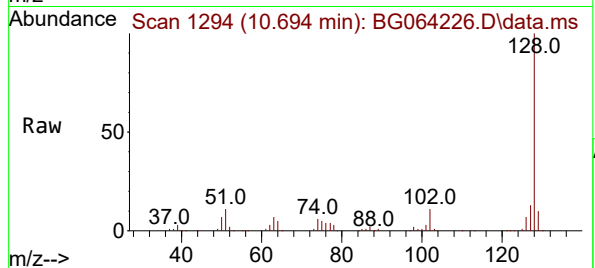
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 84798 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 100.9 | 75.0  | 112.6 |
| 145      | 34.5  | 25.4  | 38.0  |





#31  
Naphthalene  
Concen: 37.507 ng  
RT: 10.694 min Scan# 1295  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

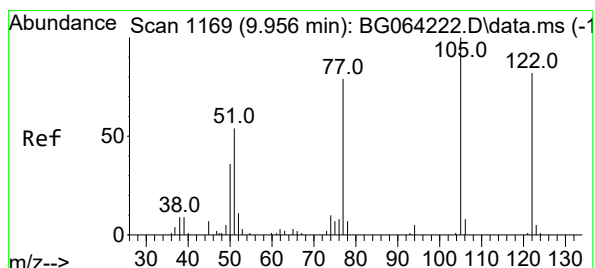
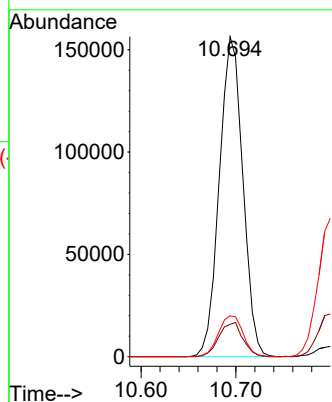
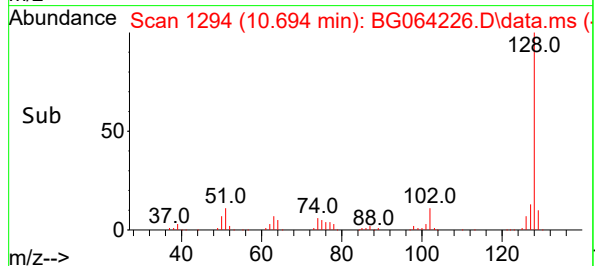
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:128 Resp: 269029  
Ion Ratio Lower Upper  
128 100  
129 10.1 9.4 14.2  
127 12.8 10.9 16.3

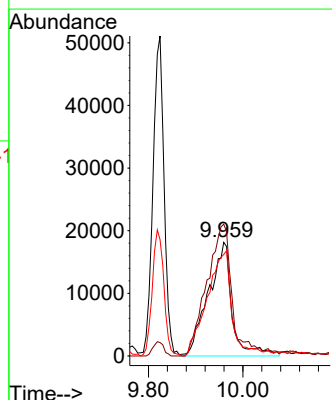
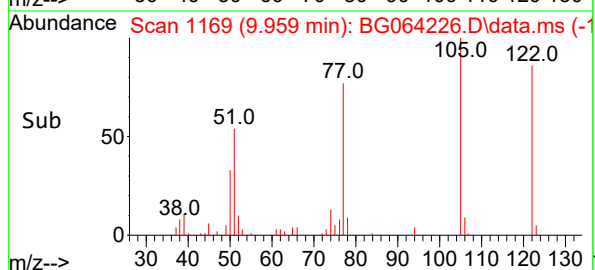
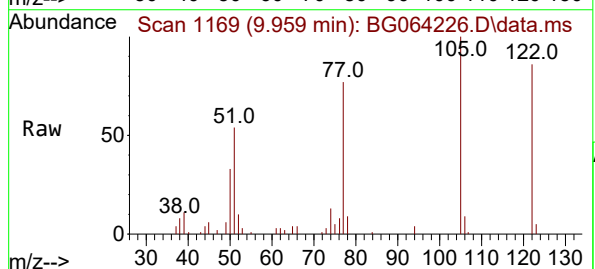
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

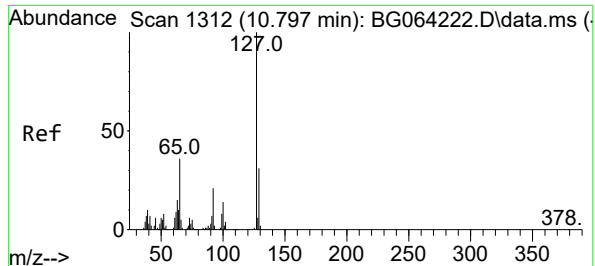


#32  
Benzoic acid  
Concen: 40.656 ng m  
RT: 9.959 min Scan# 1169  
Delta R.T. -0.056 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion:122 Resp: 63444  
Ion Ratio Lower Upper  
122 100  
105 116.0 98.5 138.5  
77 89.2 74.6 114.6







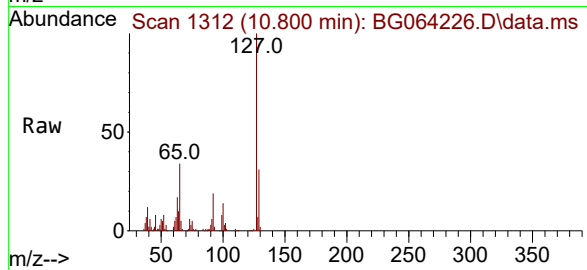
#33  
4-Chloroaniline  
Concen: 43.702 ng  
RT: 10.800 min Scan# 1312  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

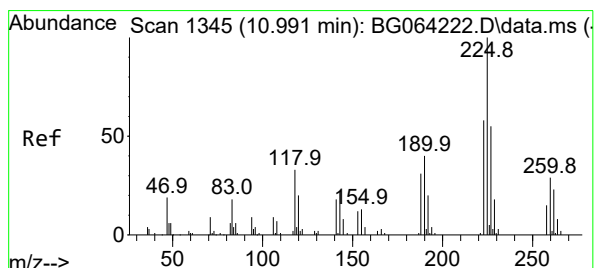
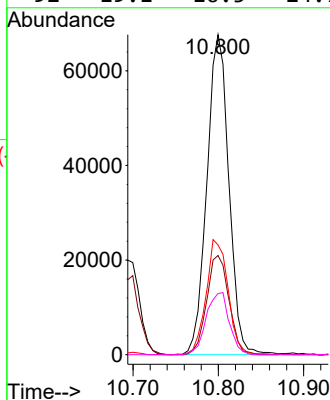
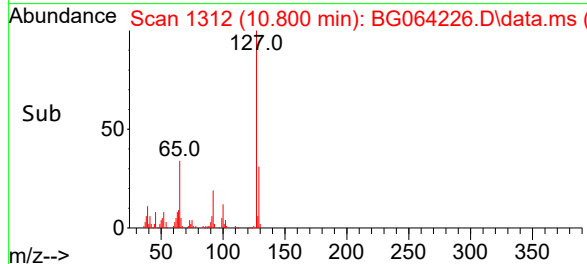


Tgt Ion:127 Resp: 121492  
Ion Ratio Lower Upper  
127 100  
129 31.0 25.0 37.4  
65 34.3 28.7 43.1  
92 19.1 16.5 24.7

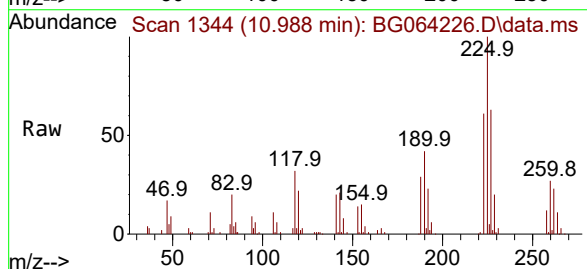
Manual Integrations

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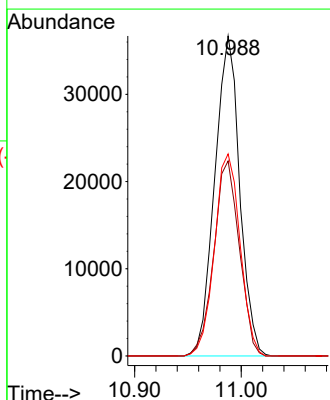
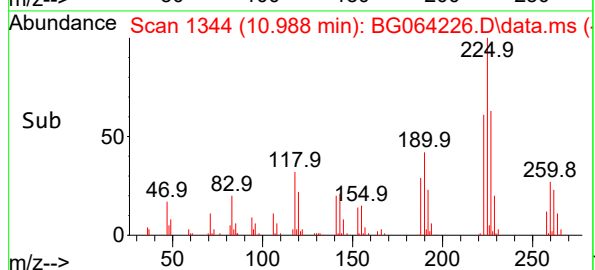
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

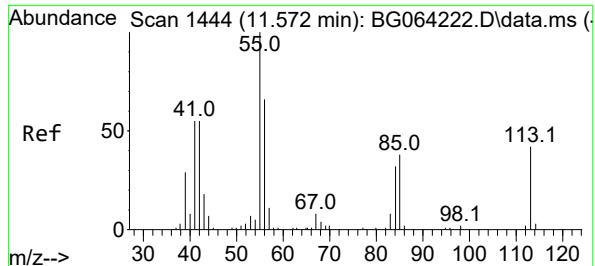


#34  
Hexachlorobutadiene  
Concen: 36.817 ng  
RT: 10.988 min Scan# 1344  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19



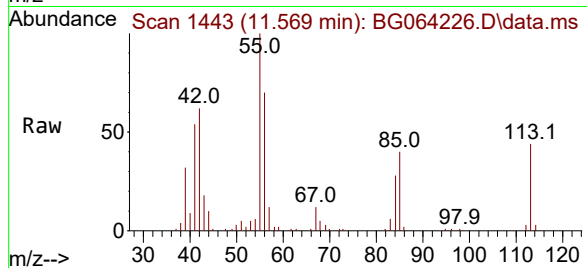
Tgt Ion:225 Resp: 59520  
Ion Ratio Lower Upper  
225 100  
223 60.9 46.5 69.7  
227 63.2 44.1 66.1





#35  
 Caprolactam  
 Concen: 38.456 ng  
 RT: 11.569 min Scan# 1443  
 Delta R.T. -0.033 min  
 Lab File: BG064226.D  
 Acq: 28 Aug 2025 18:19

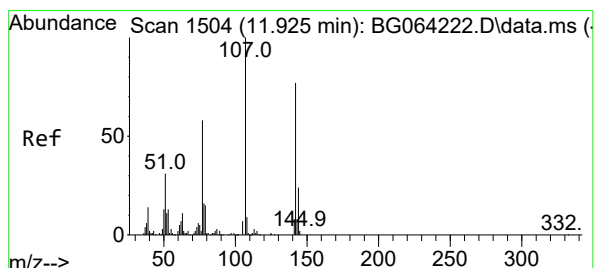
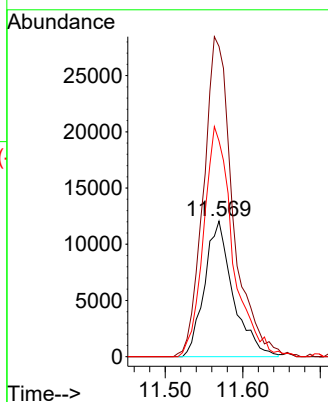
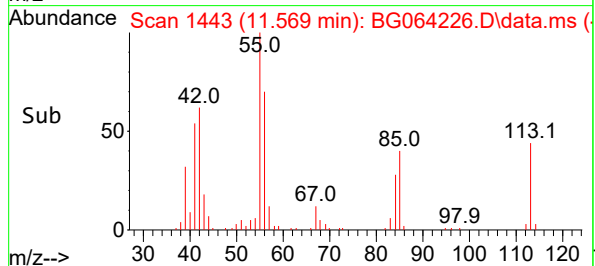
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082825



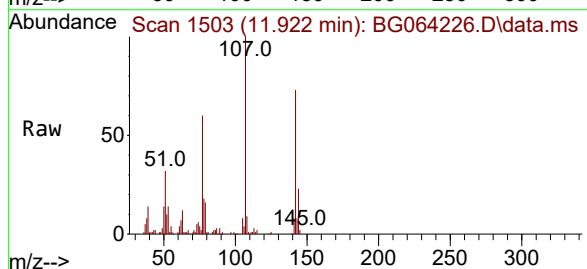
Tgt Ion:113 Resp: 30880  
 Ion Ratio Lower Upper  
 113 100  
 55 229.0 218.5 258.5  
 56 159.2 138.5 178.5

Manual Integrations  
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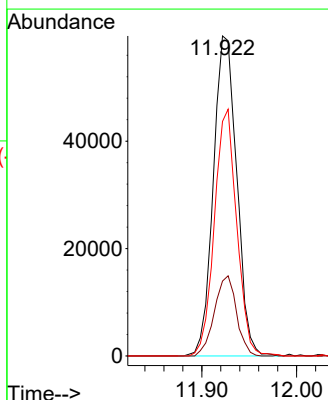
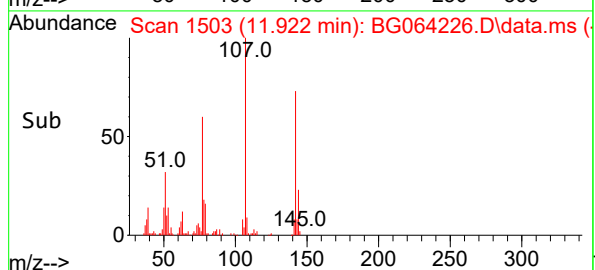
Reviewed By :Rahul Chavli 08/29/2025  
 Supervised By :Jagrut Upadhyay 08/29/2025

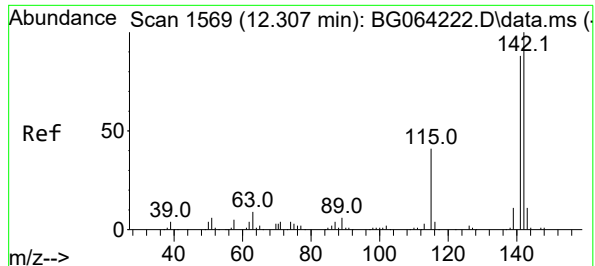


#36  
 4-Chloro-3-methylphenol  
 Concen: 38.019 ng  
 RT: 11.922 min Scan# 1503  
 Delta R.T. -0.009 min  
 Lab File: BG064226.D  
 Acq: 28 Aug 2025 18:19



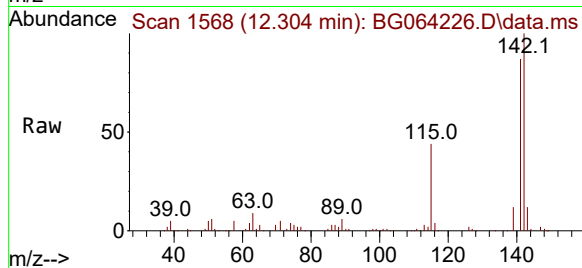
Tgt Ion:107 Resp: 102318  
 Ion Ratio Lower Upper  
 107 100  
 144 23.4 19.5 29.3  
 142 73.3 62.0 93.0





#37  
2-Methylnaphthalene  
Concen: 34.277 ng  
RT: 12.304 min Scan# 1569  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

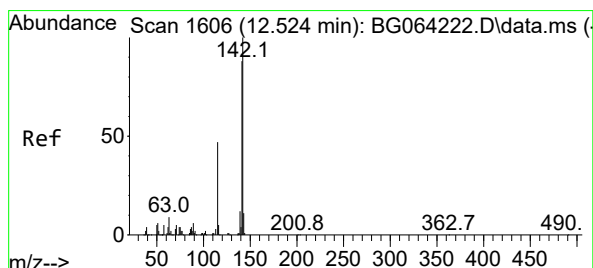
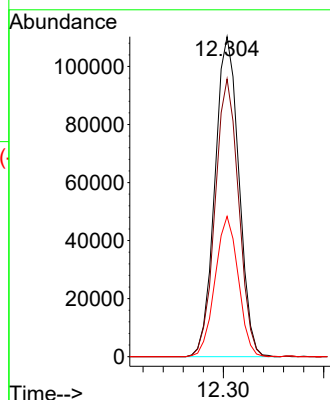
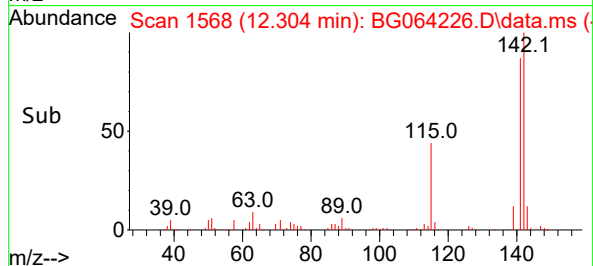
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:142 Resp: 182749  
Ion Ratio Lower Upper  
142 100  
141 86.8 70.1 105.1  
115 43.8 33.1 49.7

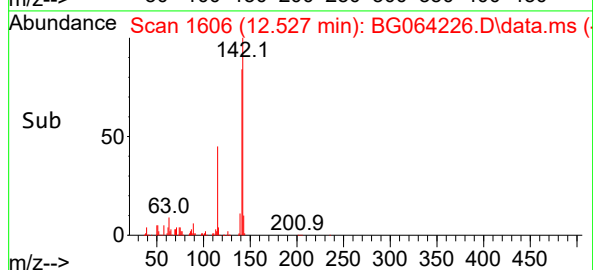
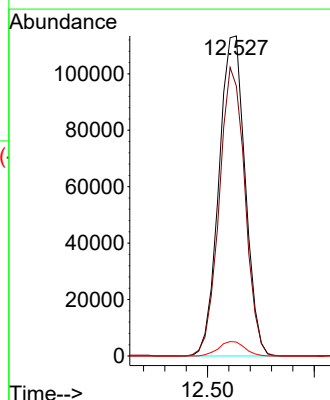
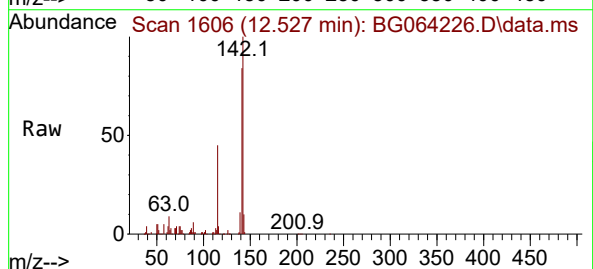
Manual Integrations  
APPROVED

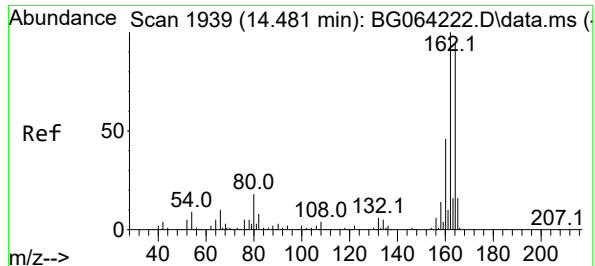
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#38  
1-Methylnaphthalene  
Concen: 36.825 ng  
RT: 12.527 min Scan# 1606  
Delta R.T. 0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion:142 Resp: 193924  
Ion Ratio Lower Upper  
142 100  
141 84.3 70.3 105.5  
116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064226.D

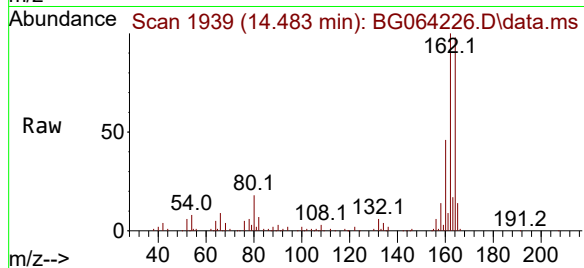
Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825



Tgt Ion:164 Resp: 98110

Ion Ratio Lower Upper

164 100

162 102.1 85.4 128.0

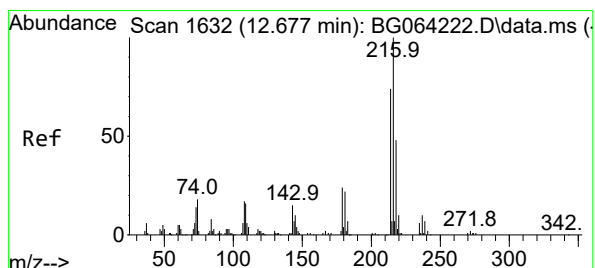
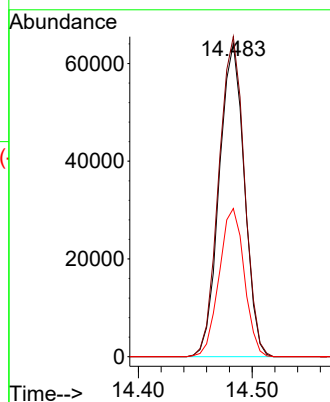
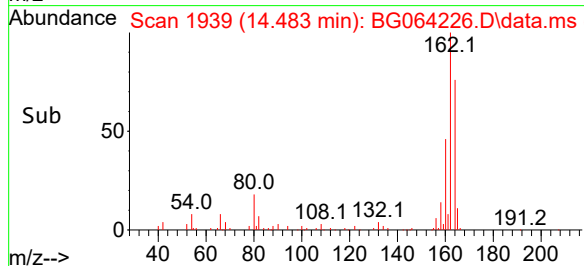
160 47.3 39.2 58.8

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.648 ng

RT: 12.674 min Scan# 1631

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:216 Resp: 109403

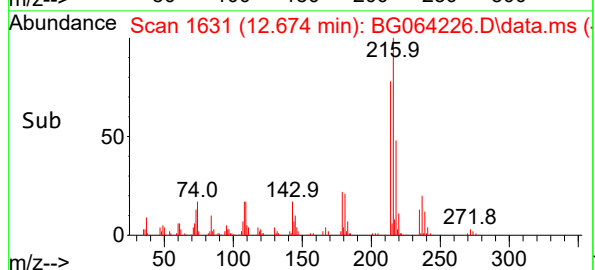
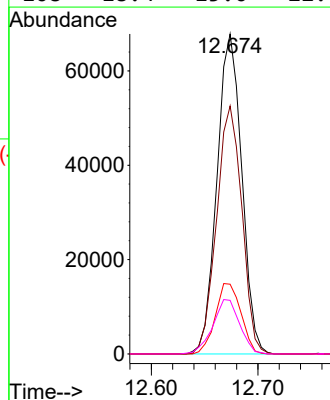
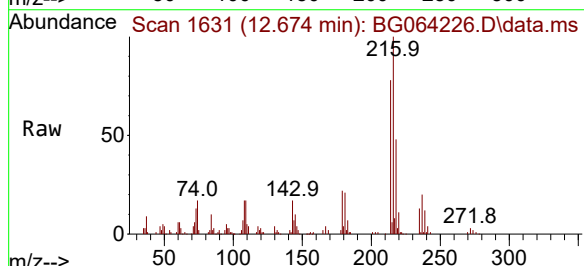
Ion Ratio Lower Upper

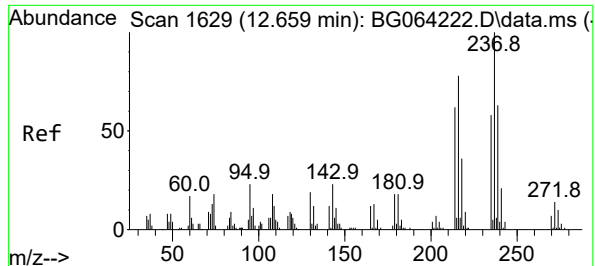
216 100

214 79.0 61.9 92.9

179 22.7 17.9 26.9

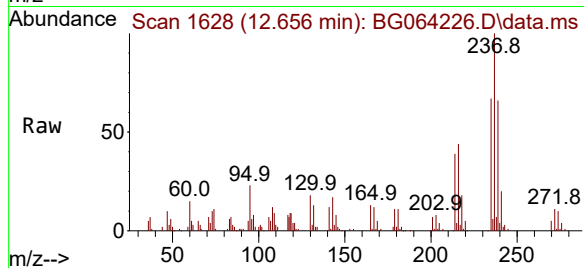
108 18.4 15.0 22.4





#41  
Hexachlorocyclopentadiene  
Concen: 51.474 ng  
RT: 12.656 min Scan# 1628  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

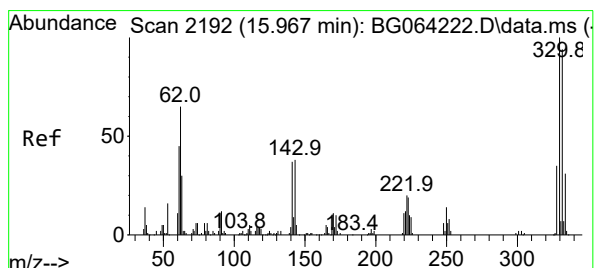
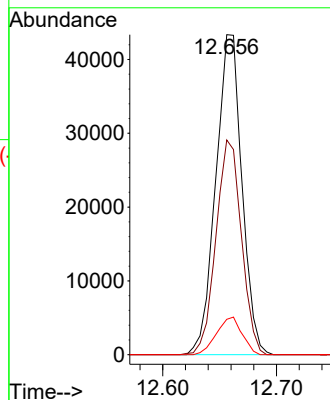
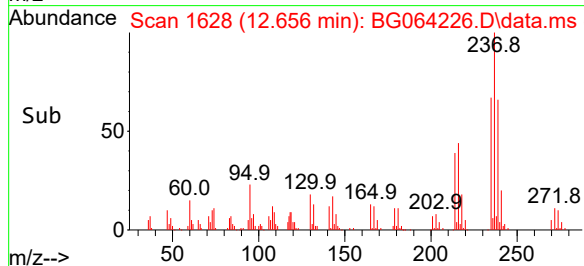
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



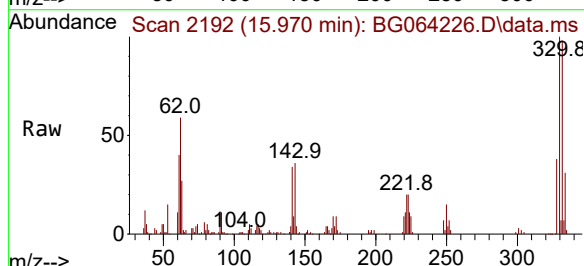
Tgt Ion:237 Resp: 69252  
Ion Ratio Lower Upper  
237 100  
235 67.1 37.9 77.9  
272 11.1 0.0 33.8

Manual Integrations  
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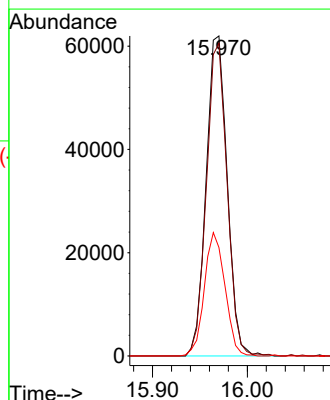
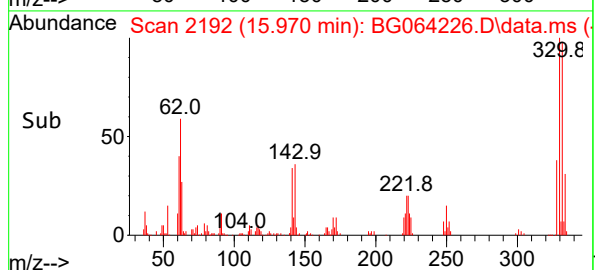
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

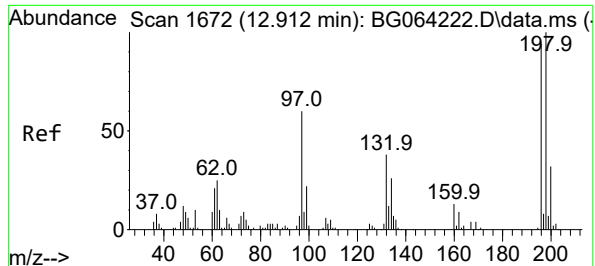


#42  
2,4,6-Tribromophenol  
Concen: 73.586 ng  
RT: 15.970 min Scan# 2192  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19



Tgt Ion:330 Resp: 95626  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.6 116.4  
141 37.7 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 39.413 ng

RT: 12.909 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

Tgt Ion:196 Resp: 7457

Ion Ratio Lower Upper

196 100

198 90.8 85.4 128.2

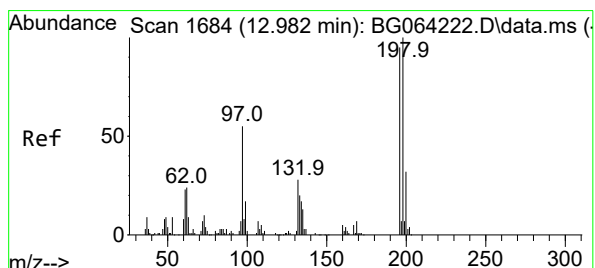
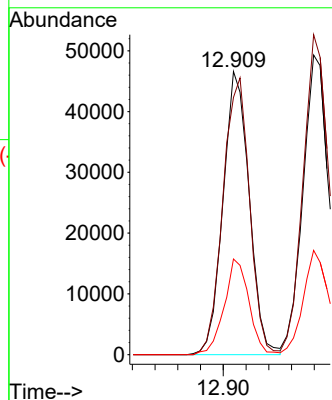
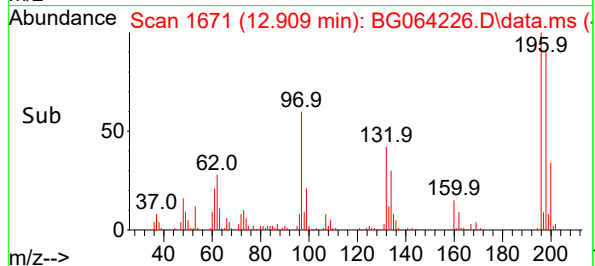
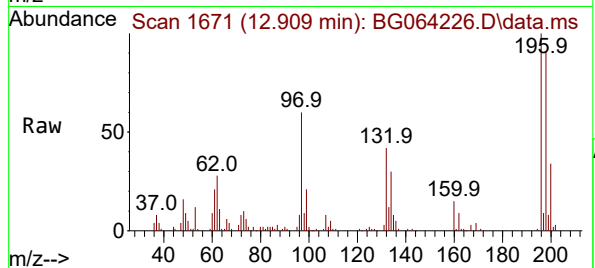
200 33.8 27.3 40.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#44

2,4,5-Trichlorophenol

Concen: 38.249 ng

RT: 12.979 min Scan# 1683

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:196 Resp: 78503

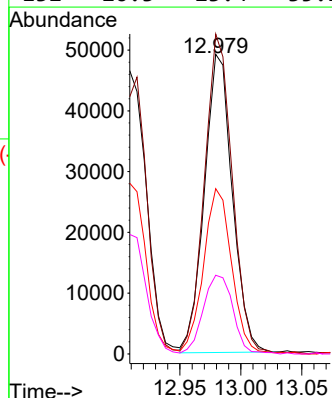
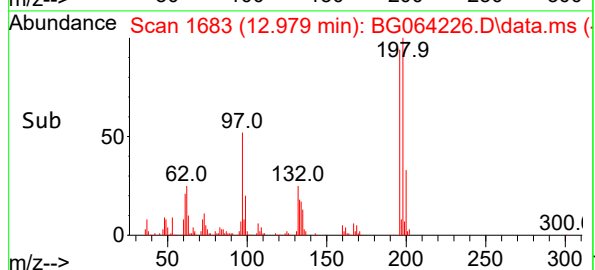
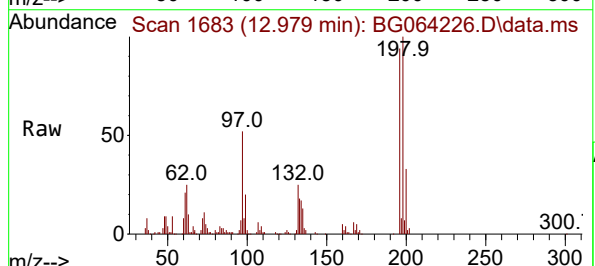
Ion Ratio Lower Upper

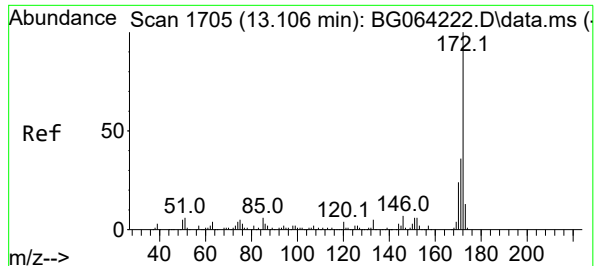
196 100

198 106.8 84.5 126.7

97 55.2 46.8 70.2

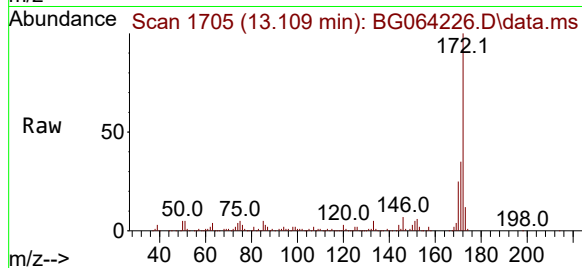
132 26.3 23.4 35.2





#45  
2-Fluorobiphenyl  
Concen: 75.105 ng  
RT: 13.109 min Scan# 1705  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

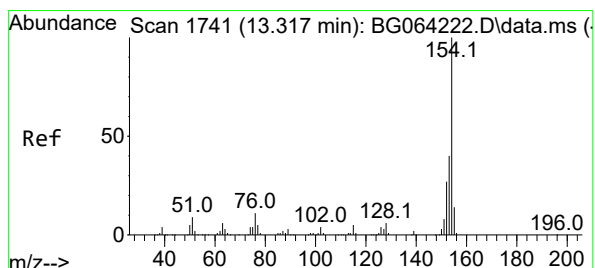
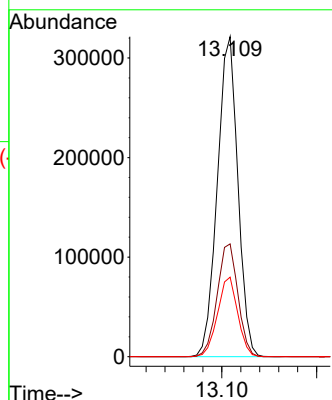
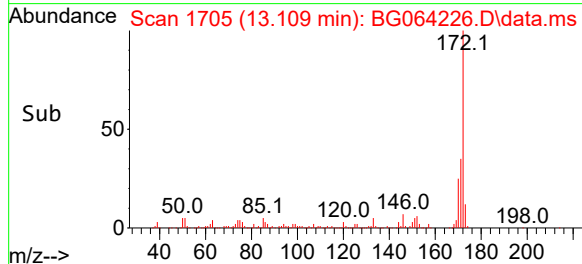
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:172 Resp: 48275  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.7 43.1  
170 24.9 19.0 28.6

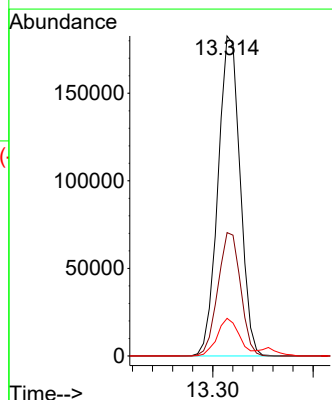
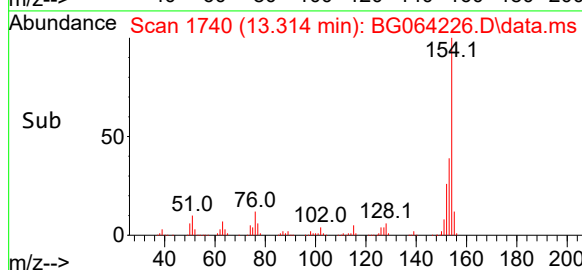
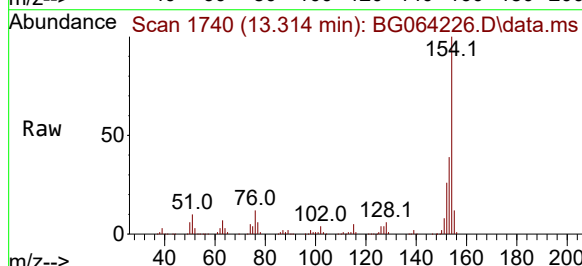
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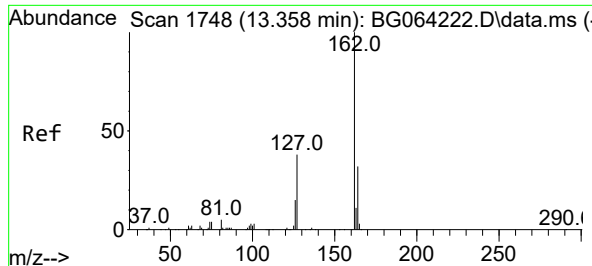
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#46  
1,1'-Biphenyl  
Concen: 39.011 ng  
RT: 13.314 min Scan# 1740  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

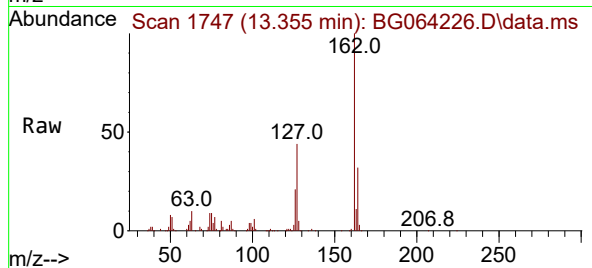
Tgt Ion:154 Resp: 278762  
Ion Ratio Lower Upper  
154 100  
153 38.5 19.9 59.9  
76 11.7 0.0 30.9





#47  
2-Chloronaphthalene  
Concen: 38.279 ng  
RT: 13.355 min Scan# 1748  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

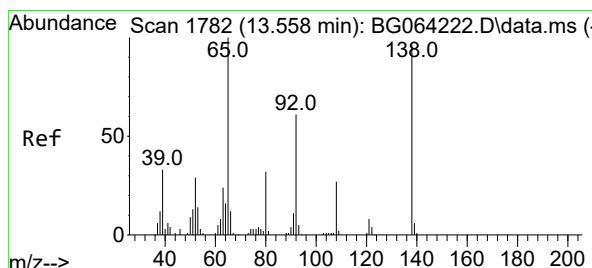
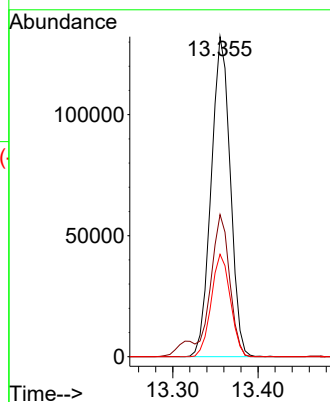
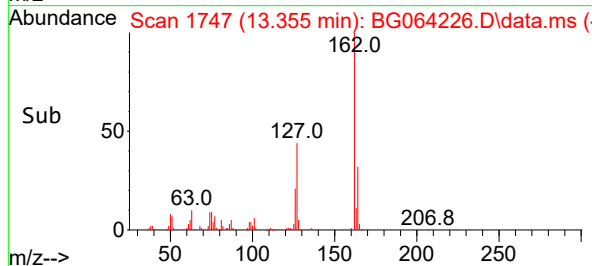
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:162 Resp: 20564  
Ion Ratio Lower Upper  
162 100  
127 44.4 33.9 50.9  
164 32.0 25.4 38.2

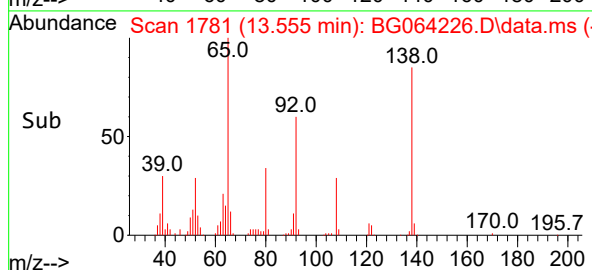
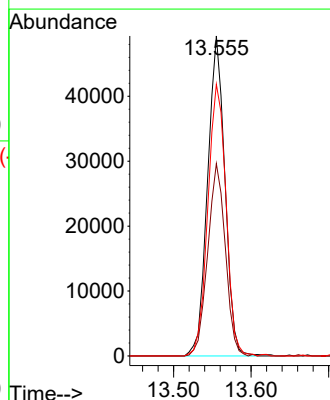
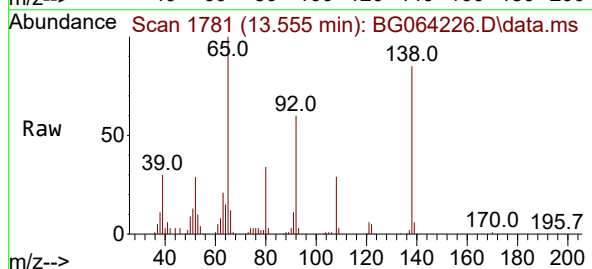
Manual Integrations  
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

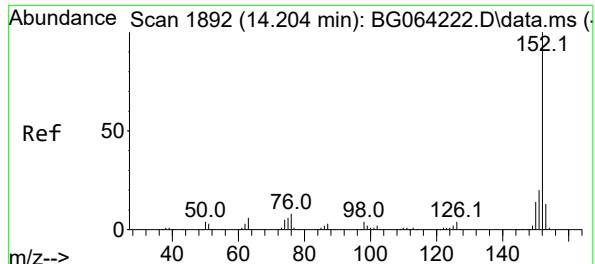


#48  
2-Nitroaniline  
Concen: 41.777 ng  
RT: 13.555 min Scan# 1781  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion: 65 Resp: 76496  
Ion Ratio Lower Upper  
65 100  
92 60.1 49.2 73.8  
138 84.9 76.8 115.2







#49

Acenaphthylene

Concen: 43.553 ng

RT: 14.201 min Scan# 1891

Delta R.T. -0.003 min

Lab File: BG064226.D

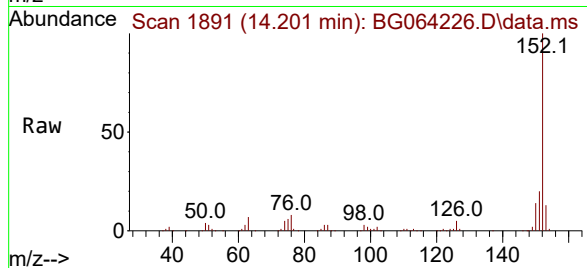
Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825



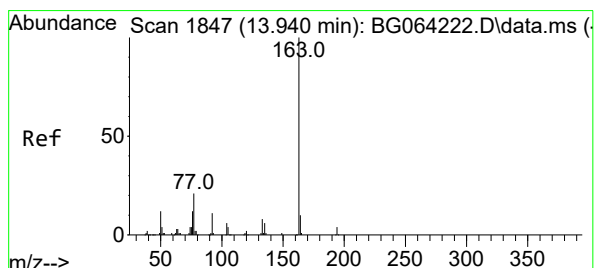
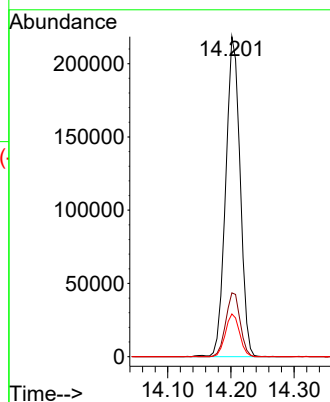
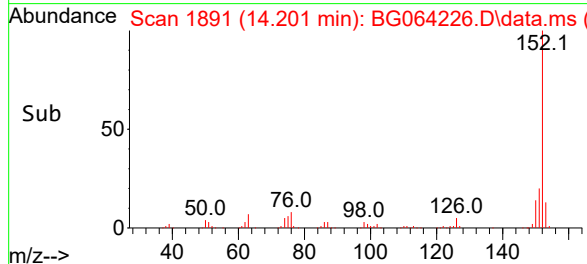
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 34586 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.0  | 16.2  | 24.2  |
| 153       | 13.4  | 10.1  | 15.1  |

## Manual Integrations

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Supervised By :Jagrut Upadhyay 08/29/2025



#50

Dimethylphthalate

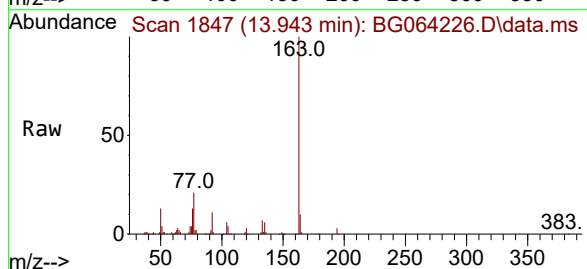
Concen: 37.909 ng

RT: 13.943 min Scan# 1847

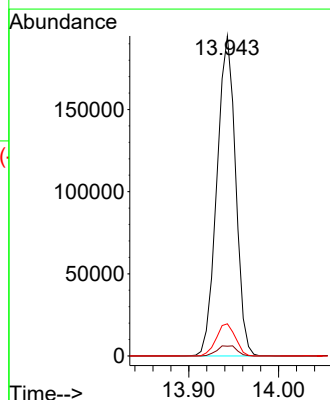
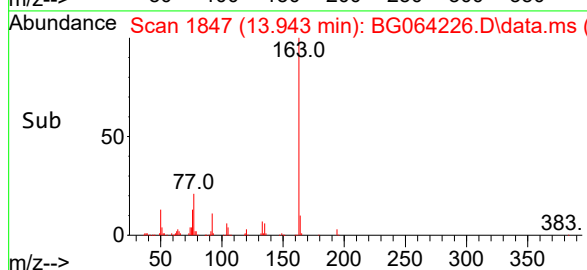
Delta R.T. -0.003 min

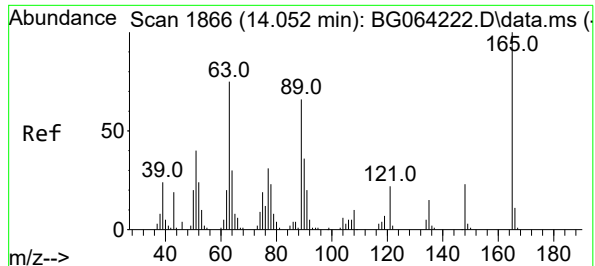
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19



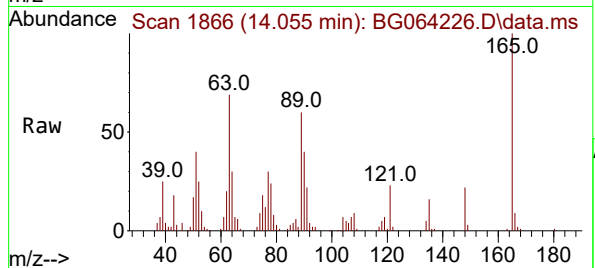
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 281514 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.0   | 3.0   | 4.4    |
| 164       | 10.1  | 7.9   | 11.9   |





#51  
2,6-Dinitrotoluene  
Concen: 42.818 ng  
RT: 14.055 min Scan# 1866  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

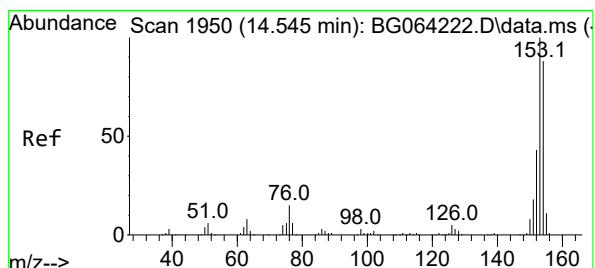
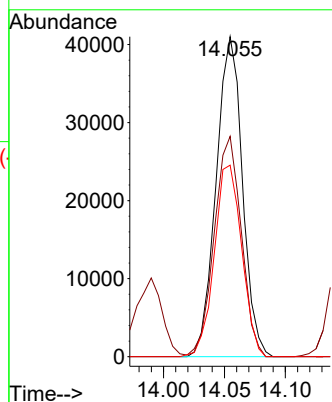
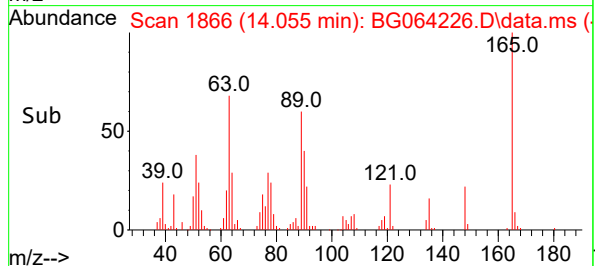
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:165 Resp: 61558  
Ion Ratio Lower Upper  
165 100  
63 68.9 60.3 90.5  
89 59.9 52.9 79.3

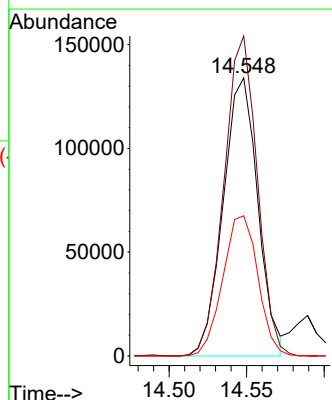
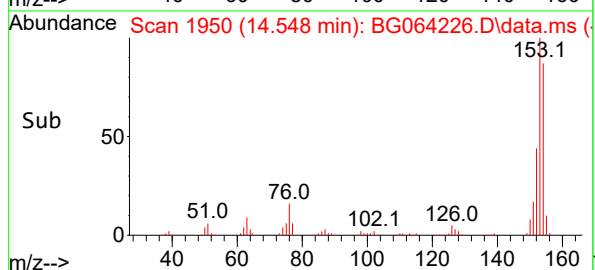
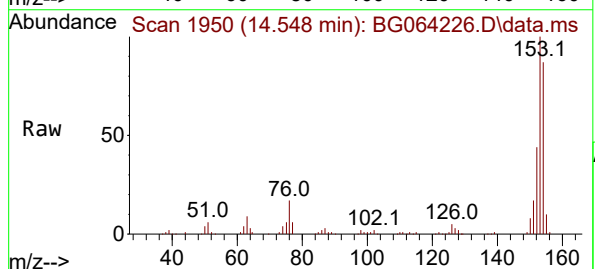
Manual Integrations  
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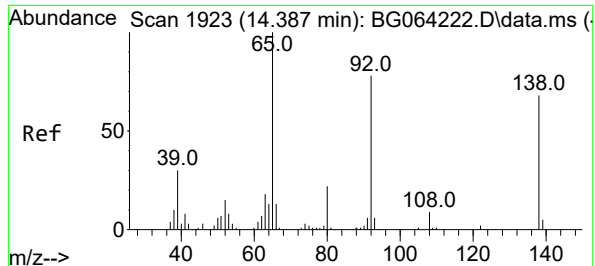
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#52  
Acenaphthene  
Concen: 37.235 ng  
RT: 14.548 min Scan# 1950  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

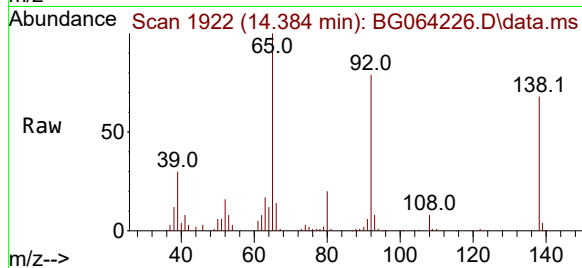
Tgt Ion:154 Resp: 208675  
Ion Ratio Lower Upper  
154 100  
153 115.0 91.1 136.7  
152 50.4 39.6 59.4





#53  
3-Nitroaniline  
Concen: 42.058 ng  
RT: 14.384 min Scan# 1923  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

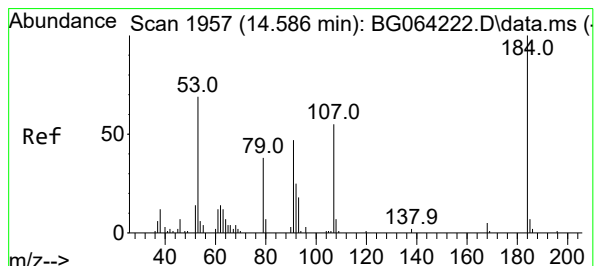
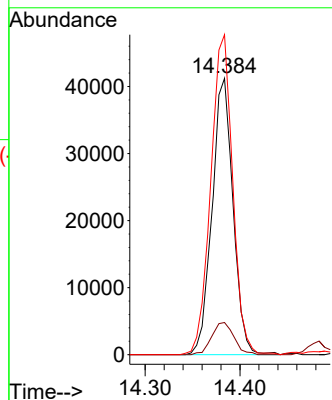
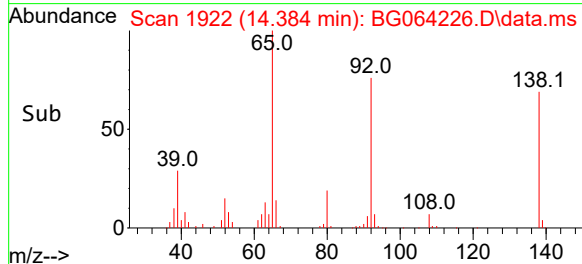
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:138 Resp: 63330  
Ion Ratio Lower Upper  
138 100  
108 11.6 11.0 16.6  
92 115.8 91.4 137.0

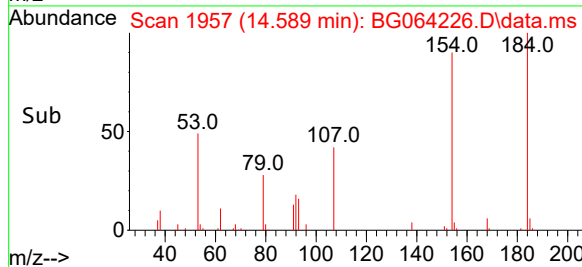
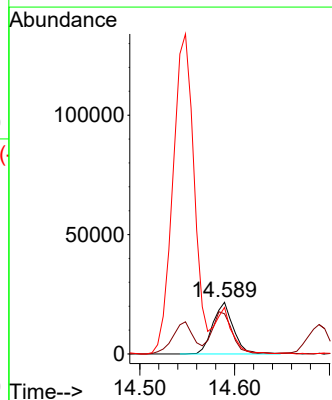
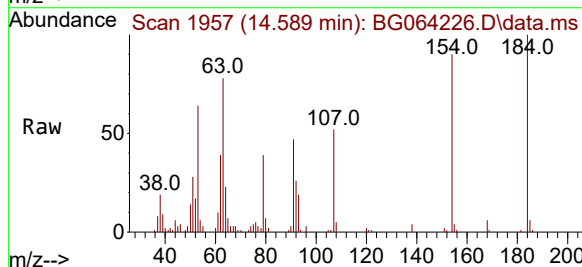
Manual Integrations  
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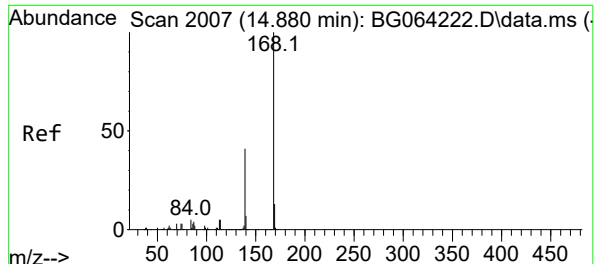
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#54  
2,4-Dinitrophenol  
Concen: 37.975 ng  
RT: 14.589 min Scan# 1957  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

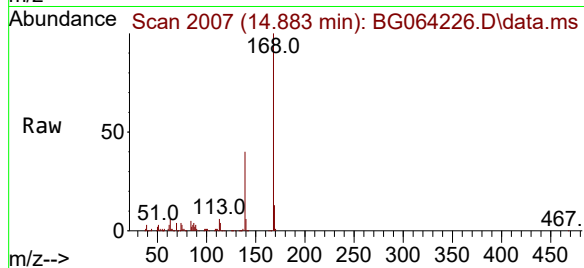
Tgt Ion:184 Resp: 32669  
Ion Ratio Lower Upper  
184 100  
63 77.7 60.1 90.1  
154 90.2 59.8 89.8#





#55  
Dibenzenofuran  
Concen: 37.793 ng  
RT: 14.883 min Scan# 2007  
Delta R.T. 0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

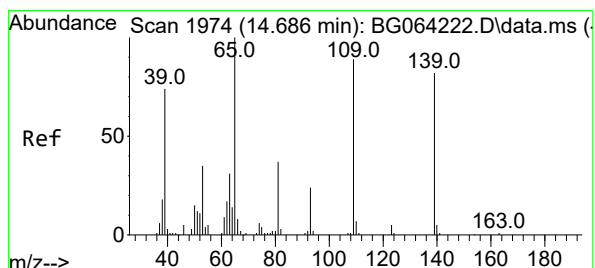
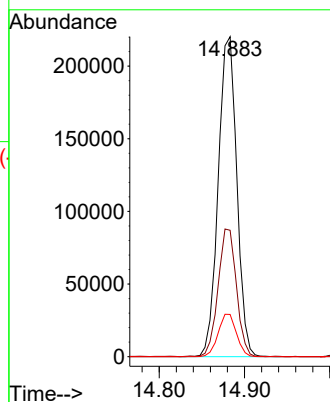
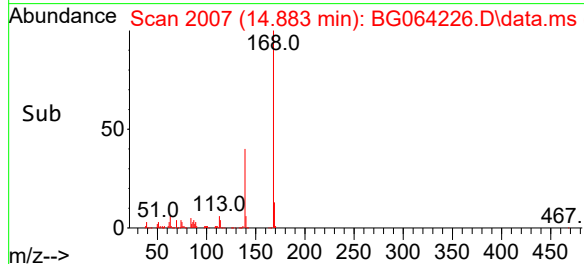
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



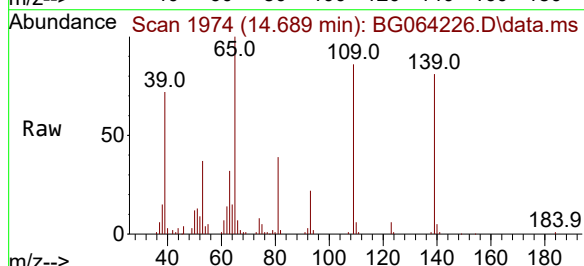
Tgt Ion:168 Resp: 33314  
Ion Ratio Lower Upper  
168 100  
139 39.5 33.2 49.8  
169 13.2 10.4 15.6

Manual Integrations  
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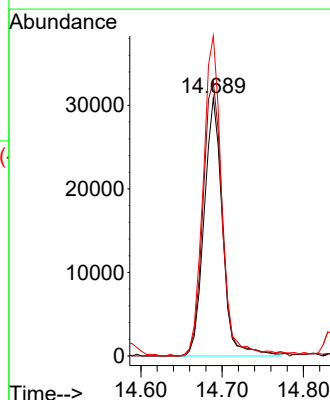
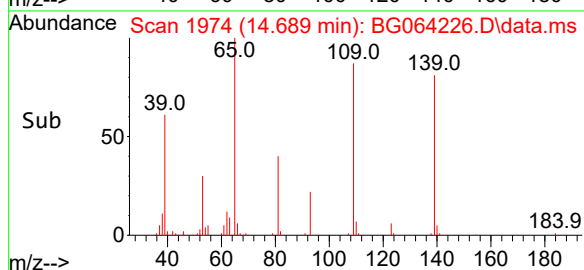
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

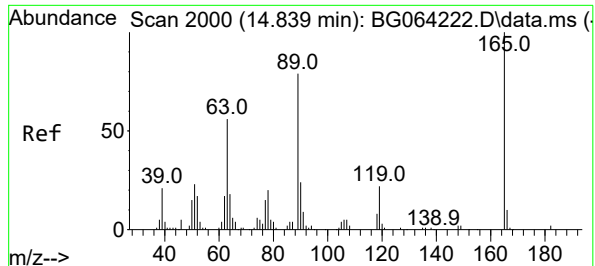


#56  
4-Nitrophenol  
Concen: 39.235 ng  
RT: 14.689 min Scan# 1974  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19



Tgt Ion:139 Resp: 48467  
Ion Ratio Lower Upper  
139 100  
109 106.3 89.1 129.1  
65 124.1 102.9 142.9





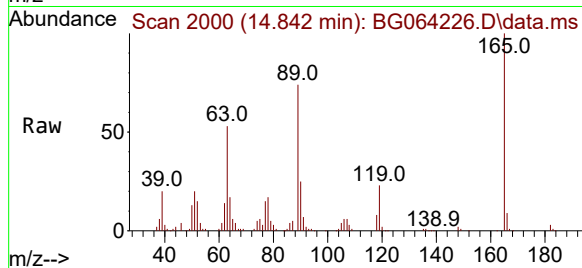
#57  
2,4-Dinitrotoluene  
Concen: 40.756 ng  
RT: 14.842 min Scan# 2000  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

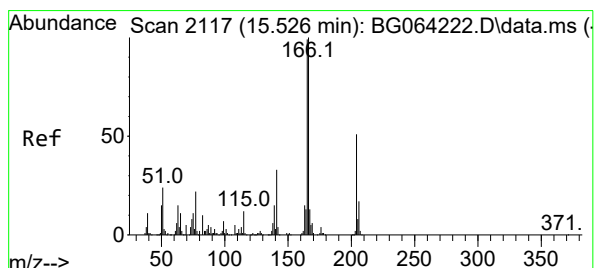
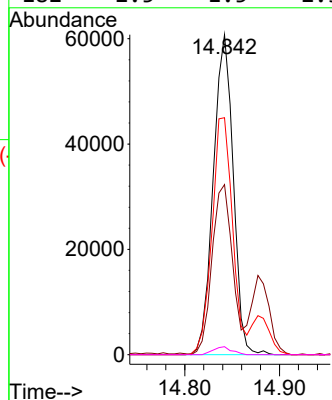
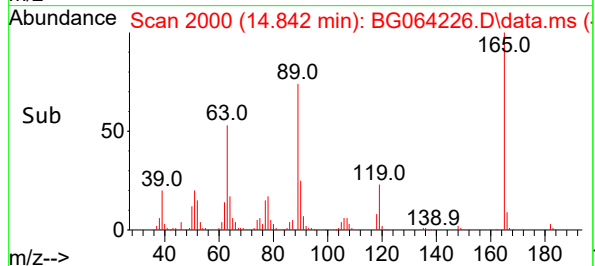


Tgt Ion:165 Resp: 88592  
Ion Ratio Lower Upper  
165 100  
63 53.2 44.6 67.0  
89 74.1 63.0 94.4  
182 2.5 1.5 2.3#

Manual Integrations

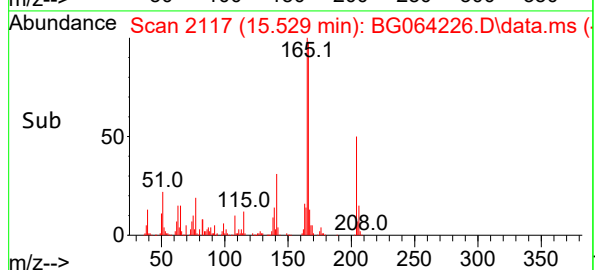
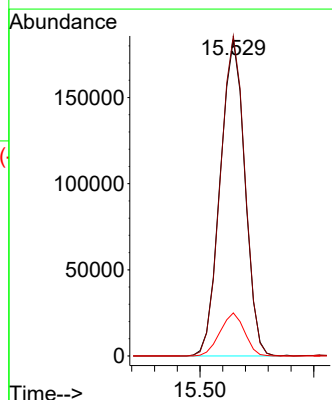
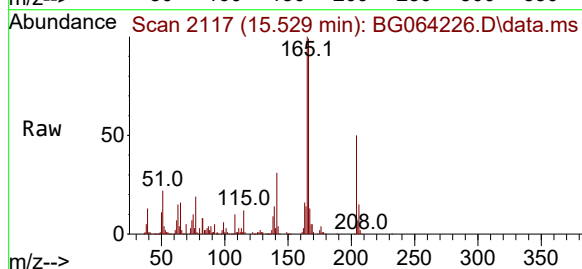
APPROVED

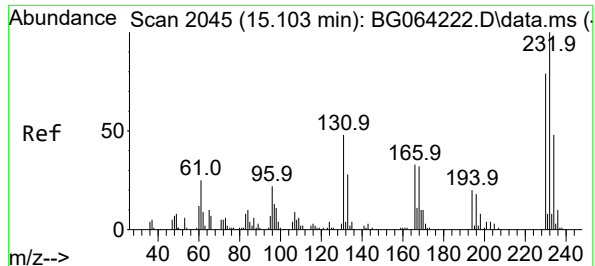
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#58  
Fluorene  
Concen: 38.343 ng  
RT: 15.529 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

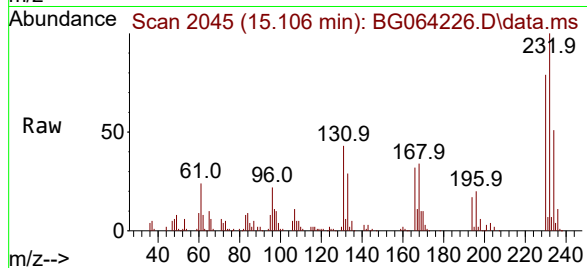
Tgt Ion:166 Resp: 277028  
Ion Ratio Lower Upper  
166 100  
165 101.2 79.1 118.7  
167 13.6 10.2 15.4





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.784 ng  
RT: 15.106 min Scan# 2045  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

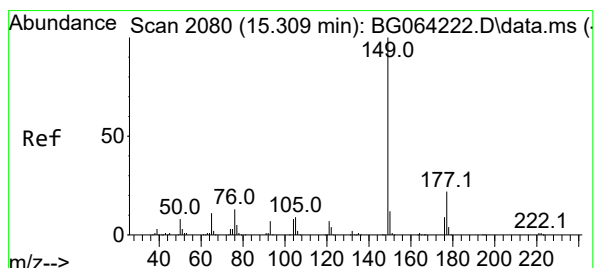
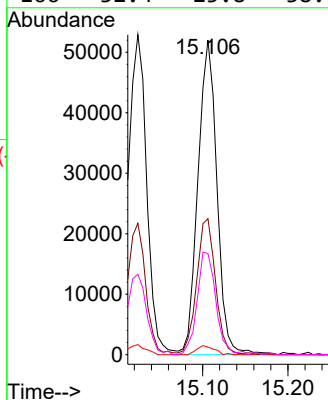
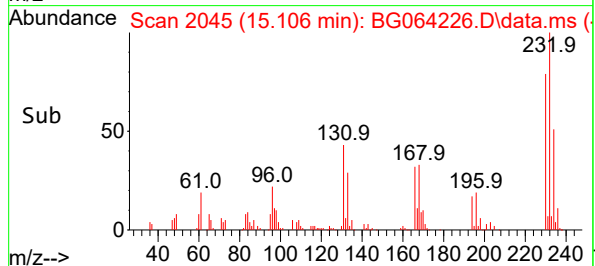
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:232 Resp: 80509  
Ion Ratio Lower Upper  
232 100  
131 43.0 37.1 55.7  
130 2.6 2.6 3.8  
166 32.4 25.8 38.6

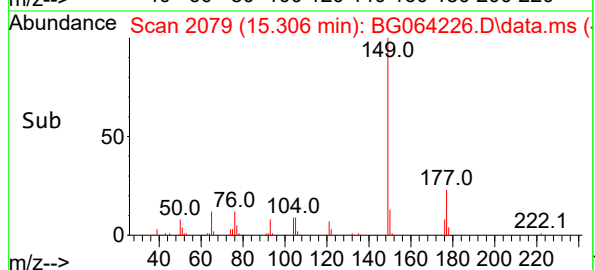
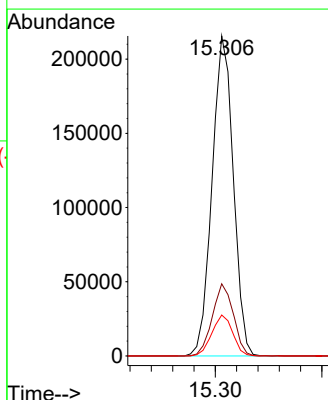
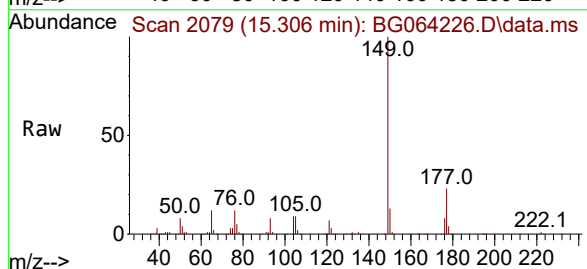
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APPROVED

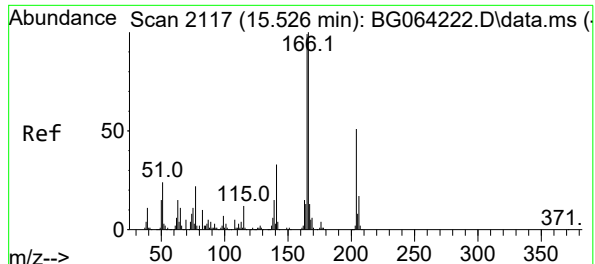
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#60  
Diethylphthalate  
Concen: 37.474 ng  
RT: 15.306 min Scan# 2079  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

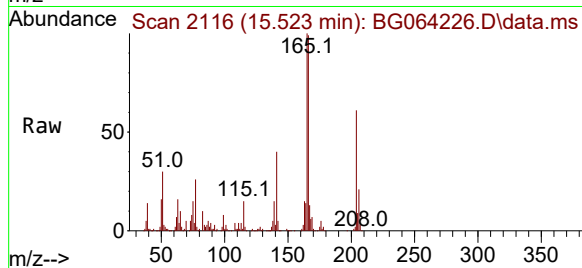
Tgt Ion:149 Resp: 297822  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.5 26.3  
150 12.8 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 37.983 ng  
RT: 15.523 min Scan# 2117  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

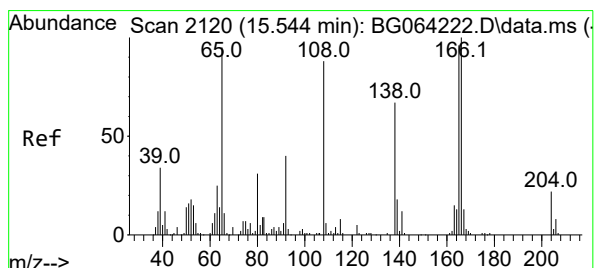
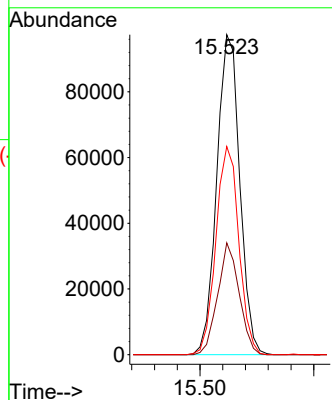
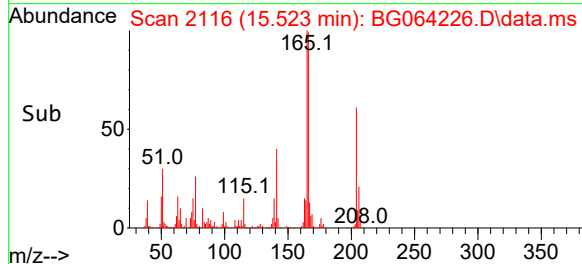
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:204 Resp: 136825  
Ion Ratio Lower Upper  
204 100  
206 34.9 26.2 39.4  
141 65.0 51.9 77.9

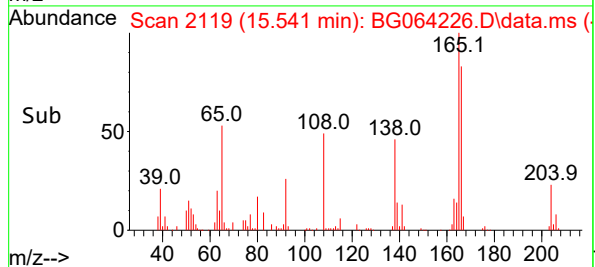
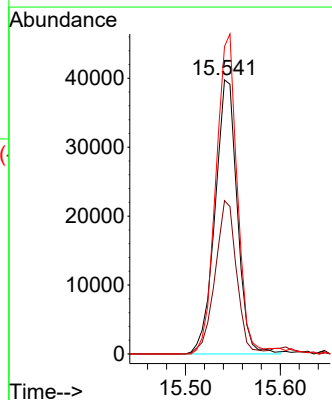
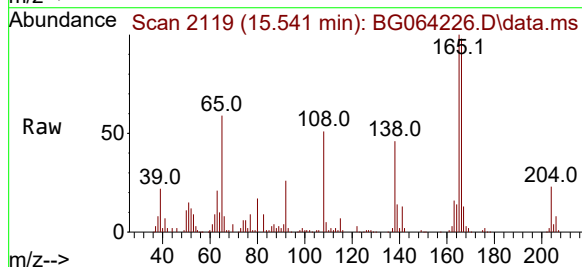
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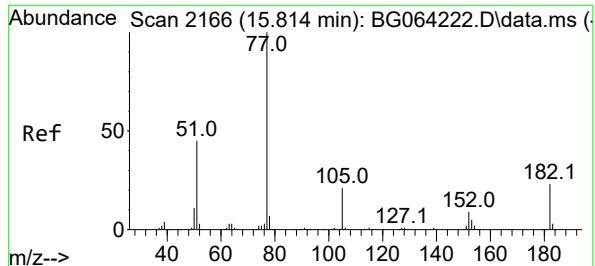
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#62  
4-Nitroaniline  
Concen: 42.237 ng  
RT: 15.541 min Scan# 2119  
Delta R.T. -0.015 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

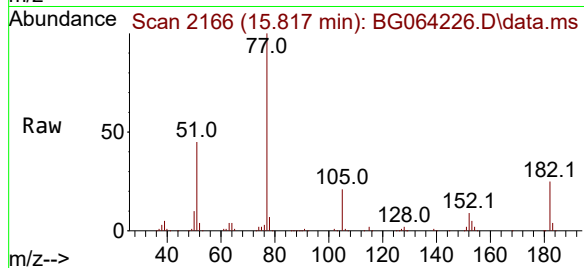
Tgt Ion:138 Resp: 64904  
Ion Ratio Lower Upper  
138 100  
92 55.9 39.1 79.1  
108 112.2 111.3 151.3





#63  
Azobenzene  
Concen: 38.992 ng  
RT: 15.817 min Scan# 2166  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

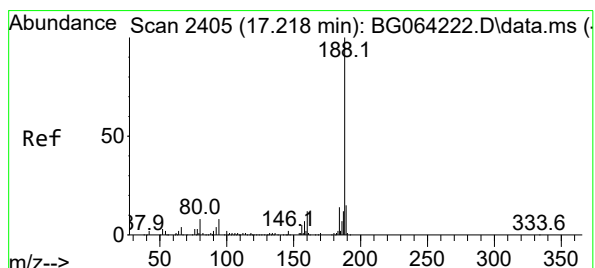
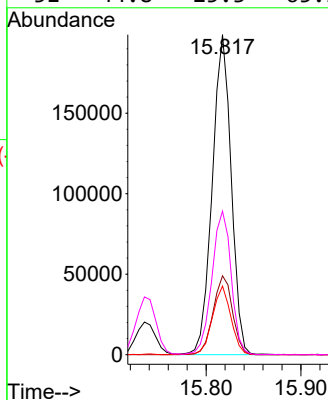
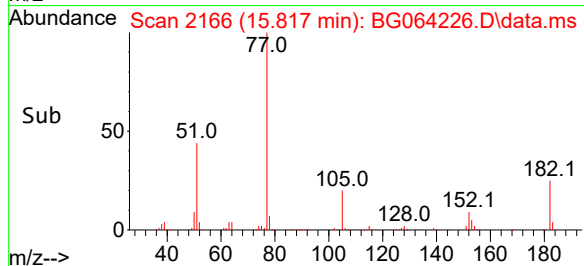
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion: 77 Resp: 27620  
Ion Ratio Lower Upper  
77 100  
182 24.6 3.3 43.3  
105 21.5 0.6 40.6  
51 44.8 25.3 65.3

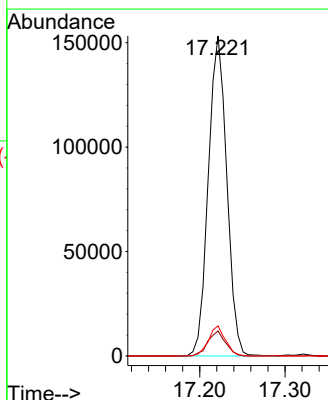
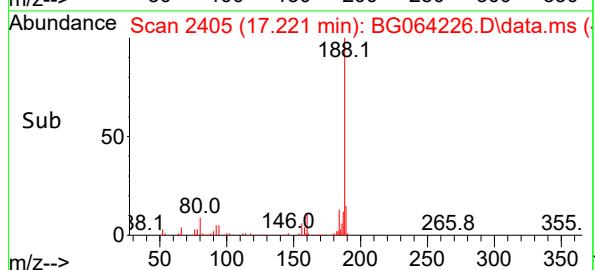
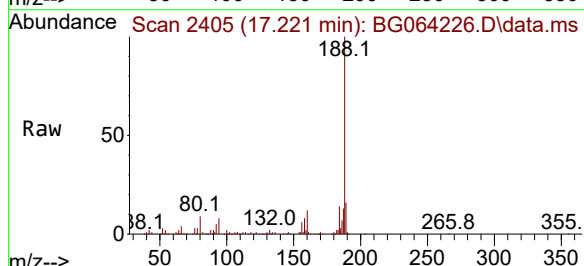
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Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

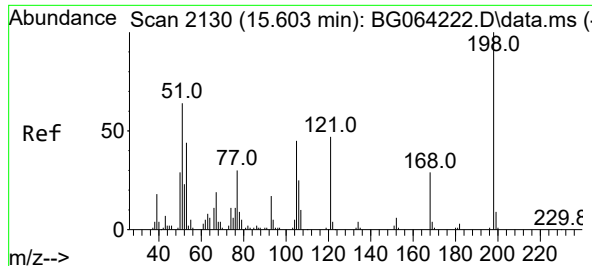


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.221 min Scan# 2405  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion:188 Resp: 230329  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.2 9.4  
80 9.4 6.8 10.2







#65

4,6-Dinitro-2-methylphenol

Concen: 38.211 ng

RT: 15.606 min Scan# 2130

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

Tgt Ion:198 Resp: 50530

Ion Ratio Lower Upper

198 100

51 68.5 46.2 86.2

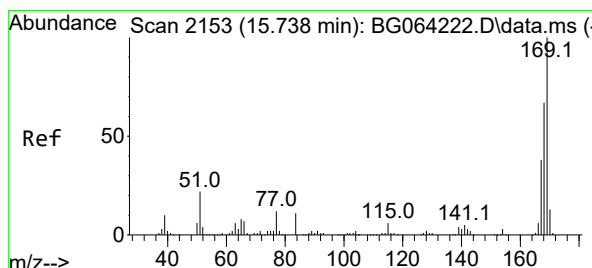
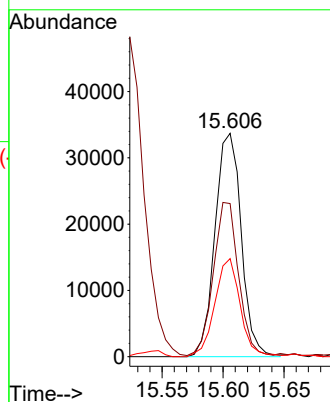
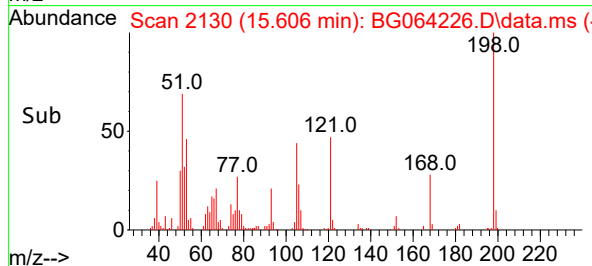
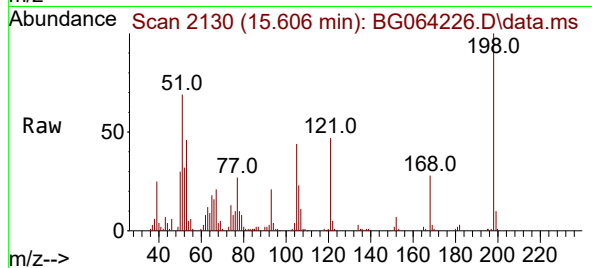
105 43.9 25.0 65.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#66

n-Nitrosodiphenylamine

Concen: 38.649 ng

RT: 15.741 min Scan# 2153

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

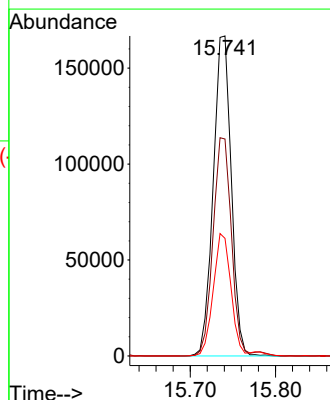
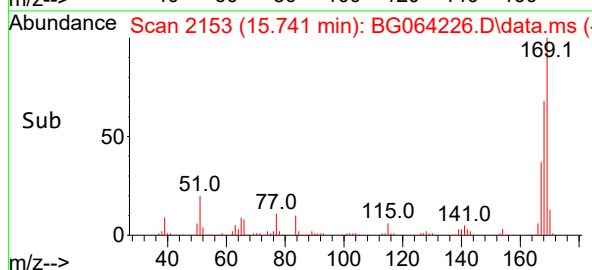
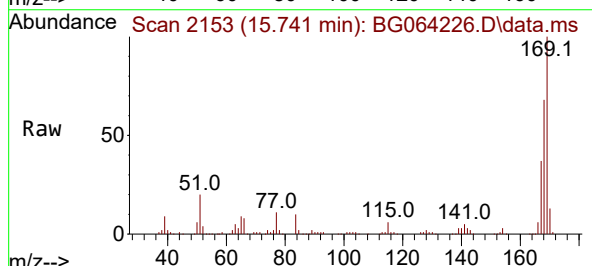
Tgt Ion:169 Resp: 244884

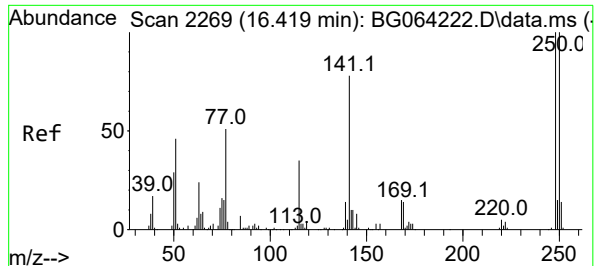
Ion Ratio Lower Upper

169 100

168 67.8 53.8 80.8

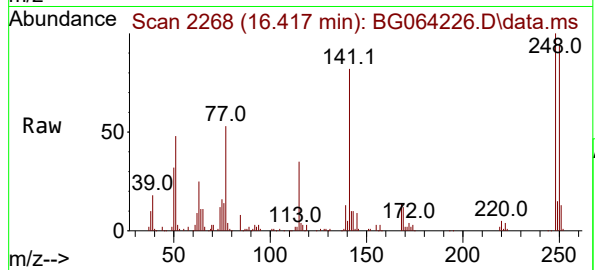
167 36.7 30.2 45.2





#67  
4-Bromophenyl-phenylether  
Concen: 37.437 ng  
RT: 16.417 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

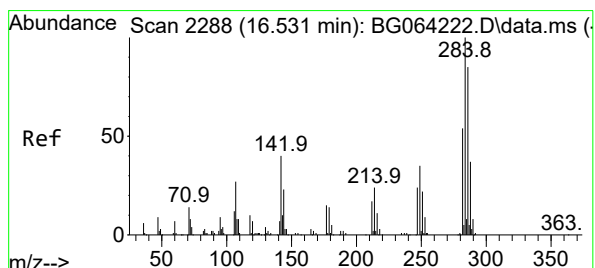
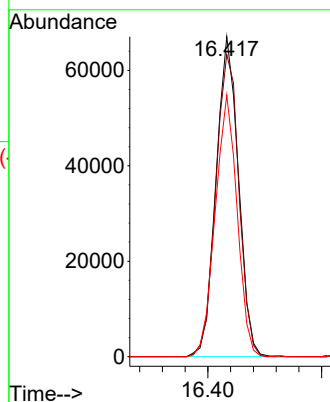
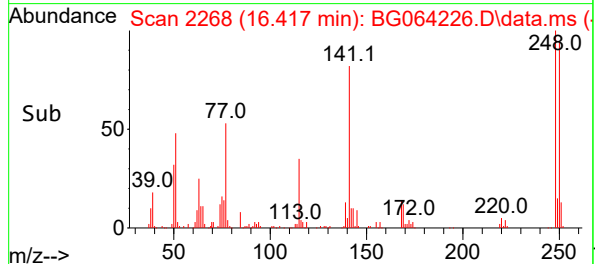
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:248 Resp: 91580  
Ion Ratio Lower Upper  
248 100  
250 94.4 80.2 120.4  
141 81.8 62.4 93.6

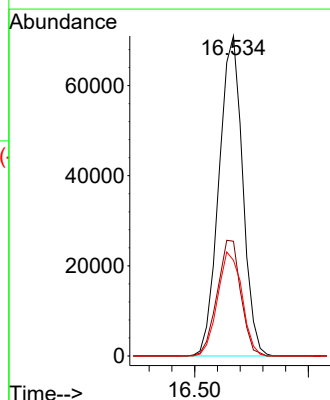
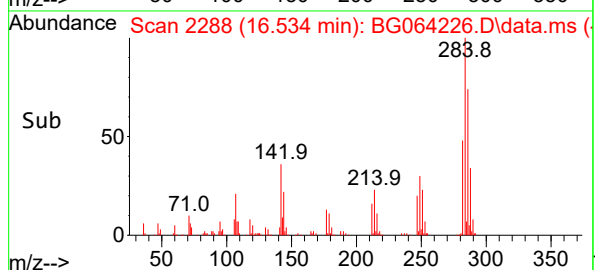
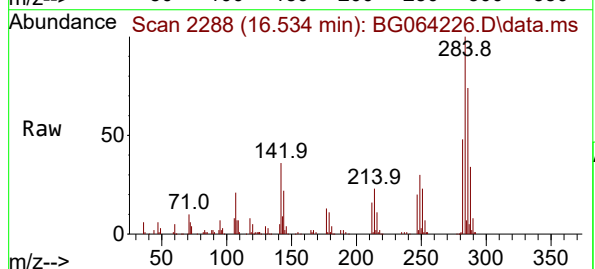
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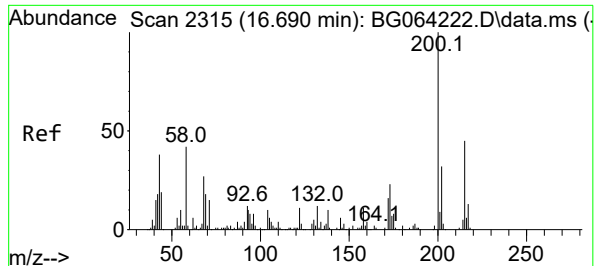
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#68  
Hexachlorobenzene  
Concen: 37.742 ng  
RT: 16.534 min Scan# 2288  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

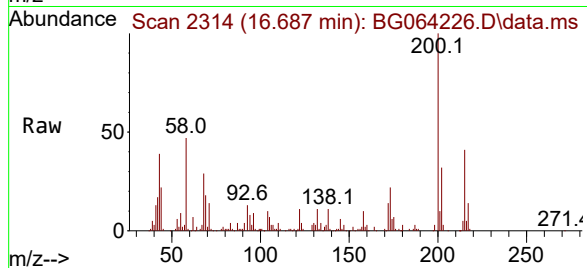
Tgt Ion:284 Resp: 102532  
Ion Ratio Lower Upper  
284 100  
142 35.8 32.1 48.1  
249 29.9 28.3 42.5





#69  
Atrazine  
Concen: 37.526 ng  
RT: 16.687 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

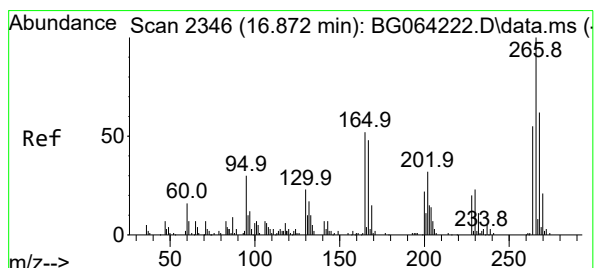
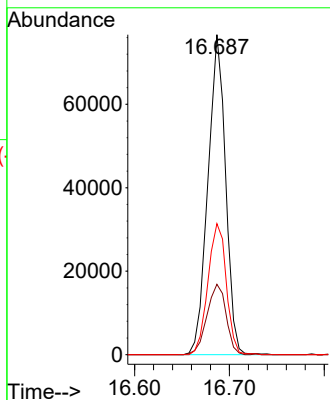
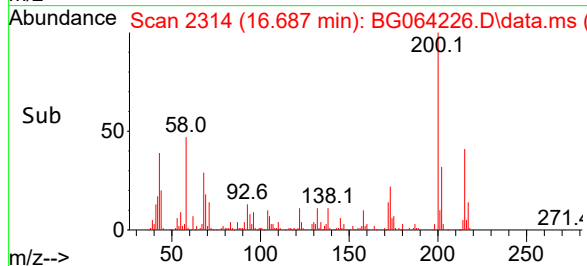
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:200 Resp: 99280  
Ion Ratio Lower Upper  
200 100  
173 22.0 3.5 43.5  
215 41.0 24.8 64.8

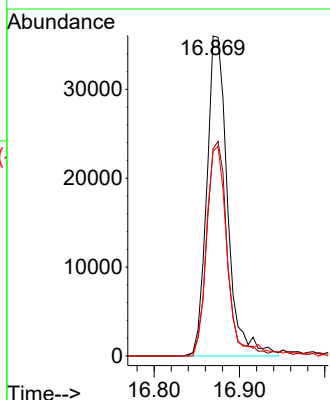
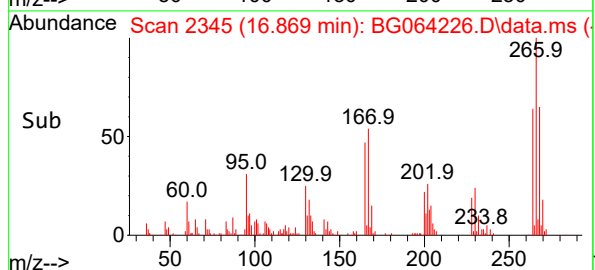
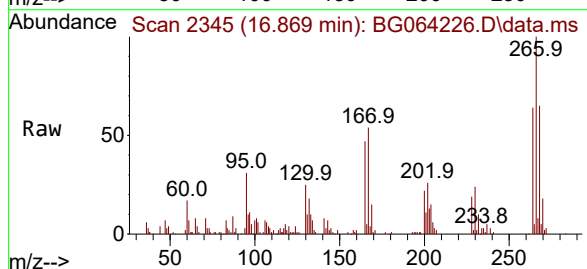
Manual Integrations  
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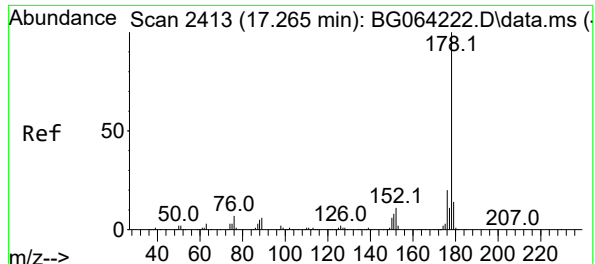
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#70  
Pentachlorophenol  
Concen: 36.854 ng  
RT: 16.869 min Scan# 2345  
Delta R.T. -0.009 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

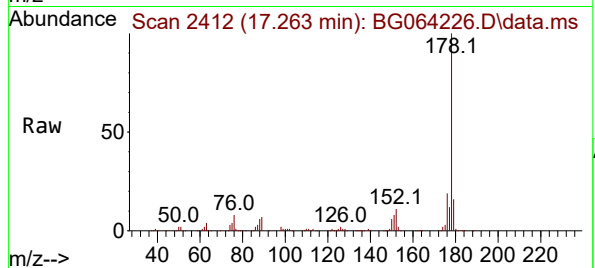
Tgt Ion:266 Resp: 60707  
Ion Ratio Lower Upper  
266 100  
268 64.8 49.4 74.0  
264 63.9 44.3 66.5





#71  
Phenanthrene  
Concen: 37.635 ng  
RT: 17.263 min Scan# 2413  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

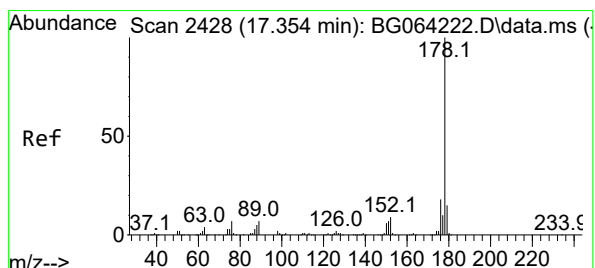
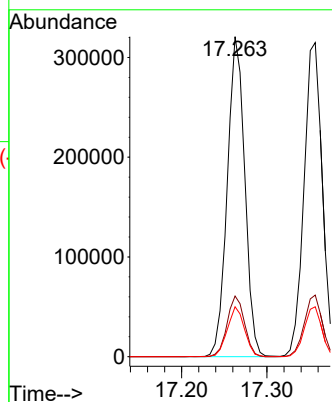
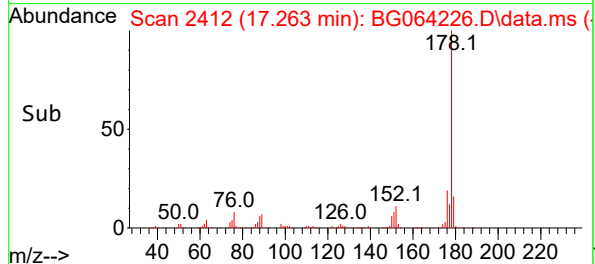
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



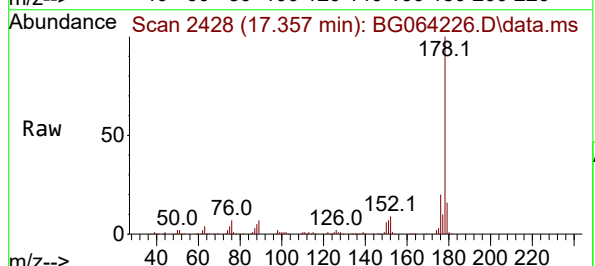
Tgt Ion:178 Resp: 45720  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.9 23.9  
179 15.6 11.4 17.2

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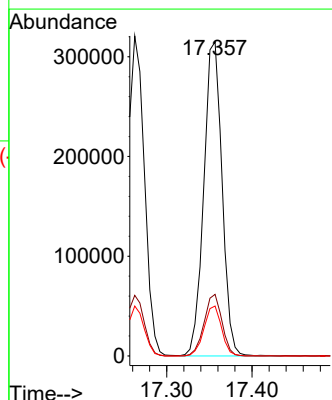
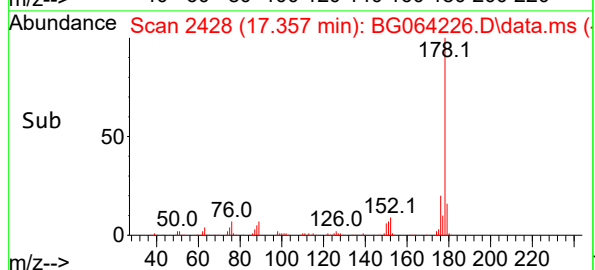
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

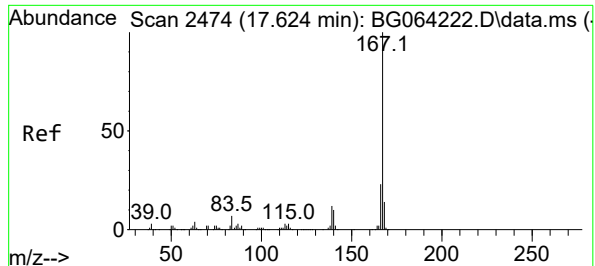


#72  
Anthracene  
Concen: 37.931 ng  
RT: 17.357 min Scan# 2428  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19



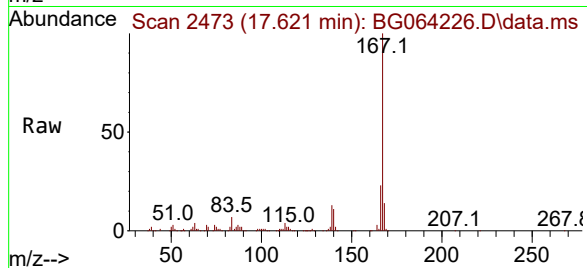
Tgt Ion:178 Resp: 468737  
Ion Ratio Lower Upper  
178 100  
176 19.6 14.7 22.1  
179 15.9 12.1 18.1





#73  
Carbazole  
Concen: 37.906 ng  
RT: 17.621 min Scan# 2474  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

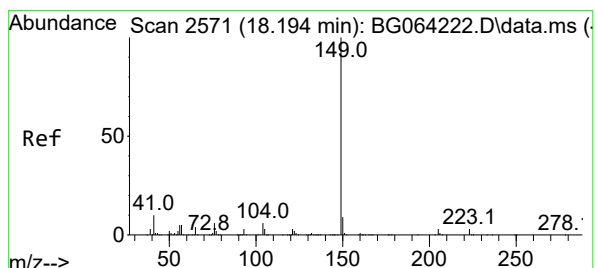
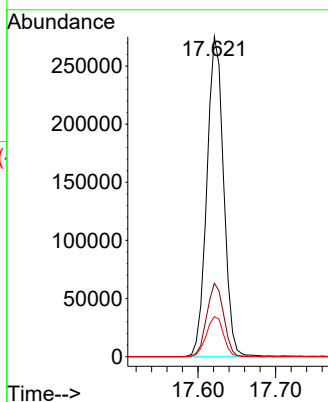
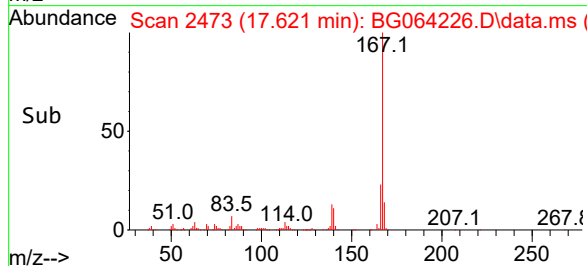
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



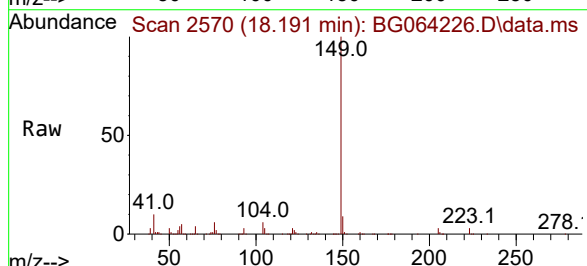
Tgt Ion:167 Resp: 41265  
Ion Ratio Lower Upper  
167 100  
166 23.0 18.2 27.2  
139 12.5 9.8 14.6

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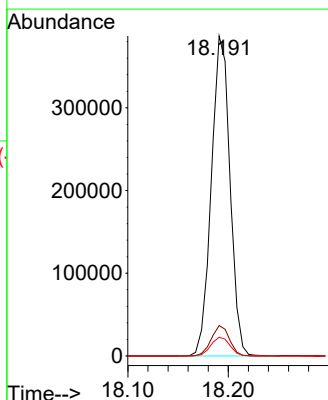
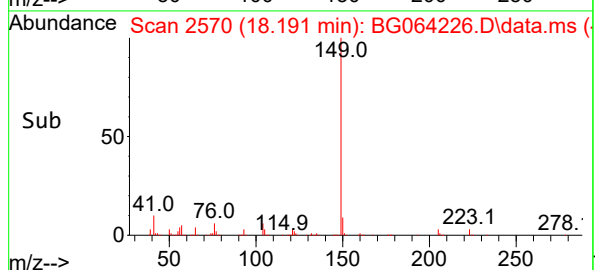
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

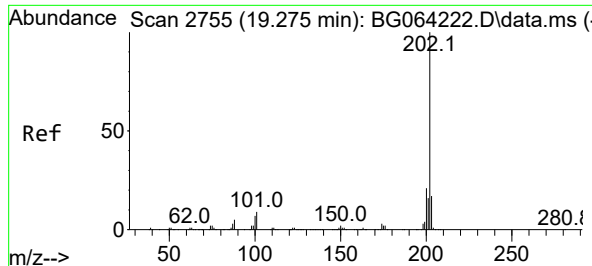


#74  
Di-n-butylphthalate  
Concen: 38.074 ng  
RT: 18.191 min Scan# 2570  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19



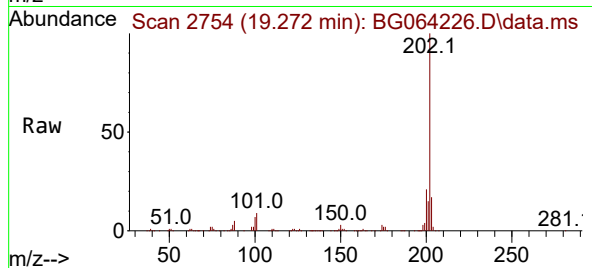
Tgt Ion:149 Resp: 497961  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.5 11.3  
104 5.9 4.6 7.0





#75  
Fluoranthene  
Concen: 36.720 ng  
RT: 19.272 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

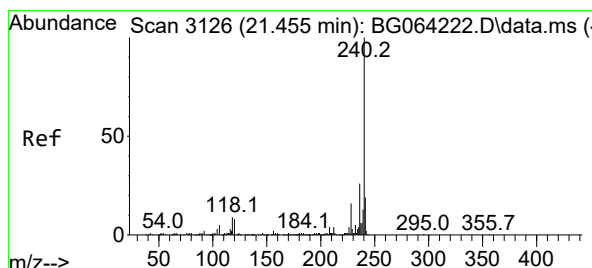
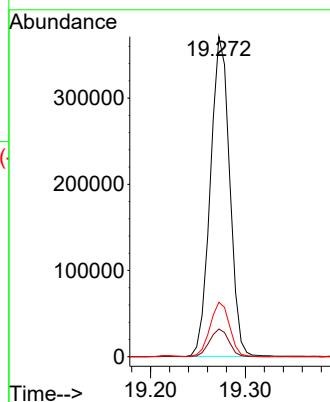
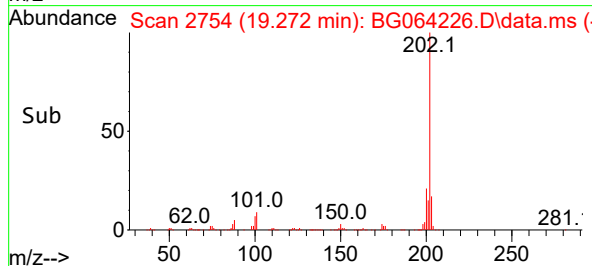
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:202 Resp: 524509  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 28.7  
203 17.0 0.0 36.9

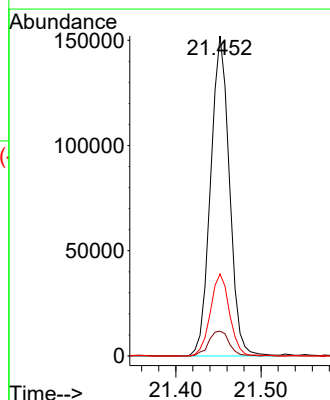
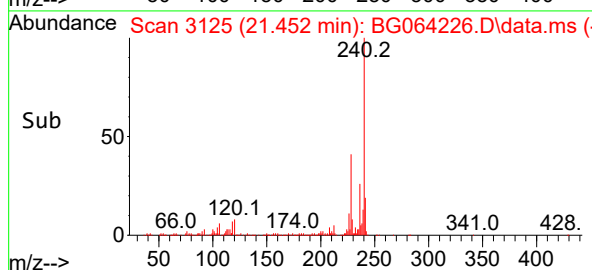
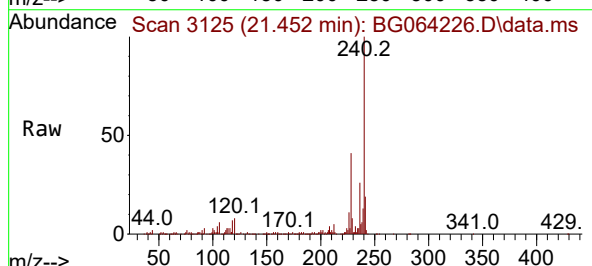
Manual Integrations  
APPROVED

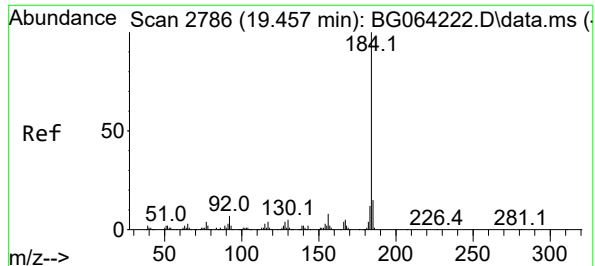
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.452 min Scan# 3125  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

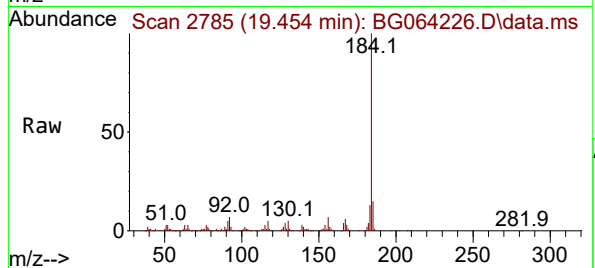
Tgt Ion:240 Resp: 233808  
Ion Ratio Lower Upper  
240 100  
120 7.7 6.2 9.4  
236 25.6 20.5 30.7





#77  
Benzidine  
Concen: 51.021 ng  
RT: 19.454 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

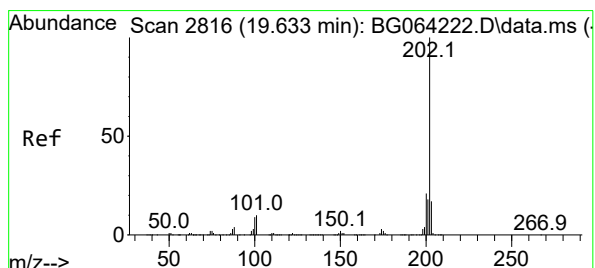
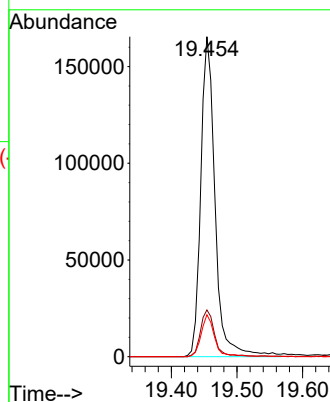
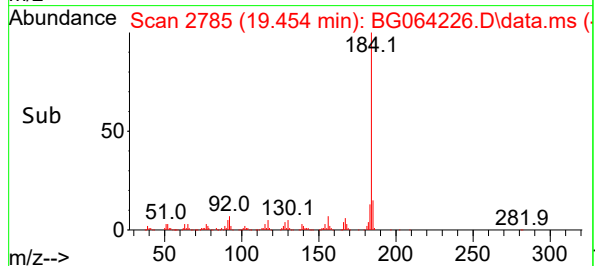
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:184 Resp: 250940  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.7 17.5  
183 13.1 9.7 14.5

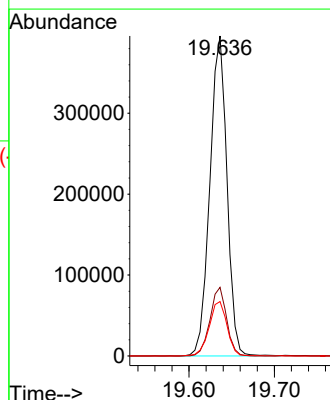
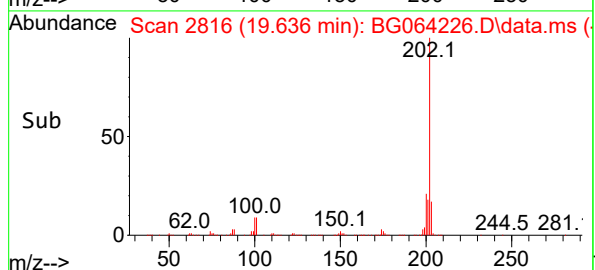
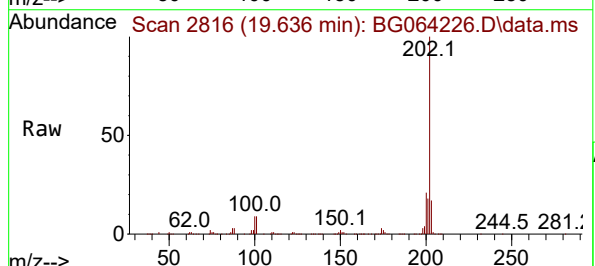
Manual Integrations  
APPROVED

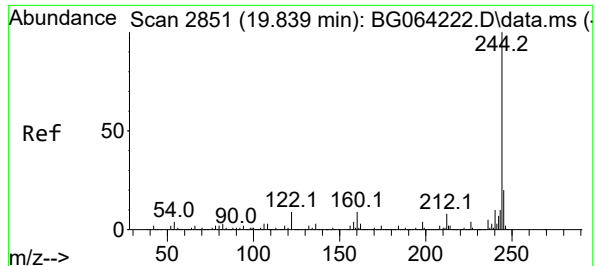
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#78  
Pyrene  
Concen: 37.470 ng  
RT: 19.636 min Scan# 2816  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

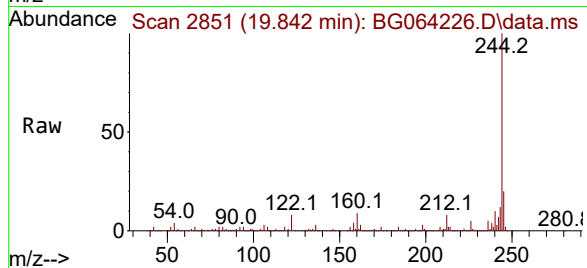
Tgt Ion:202 Resp: 551941  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.9 25.3  
203 17.0 13.8 20.8





#79  
Terphenyl-d14  
Concen: 75.787 ng  
RT: 19.842 min Scan# 2851  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

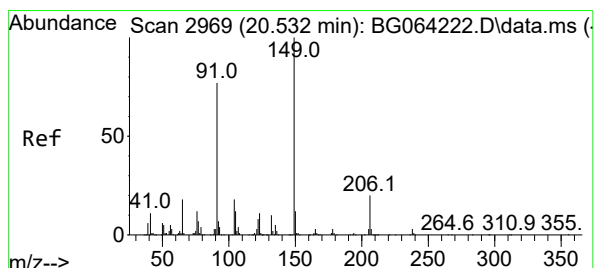
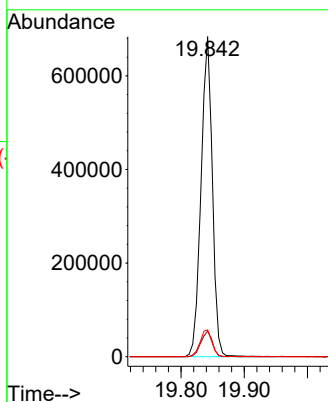
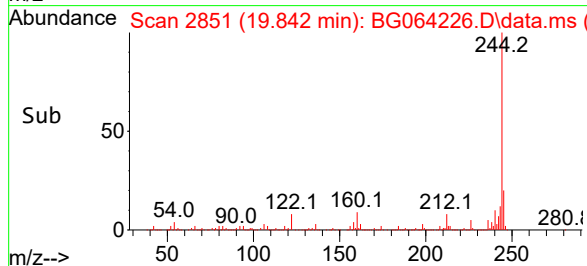
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:244 Resp: 849308  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.6 10.0  
122 8.4 7.0 10.6

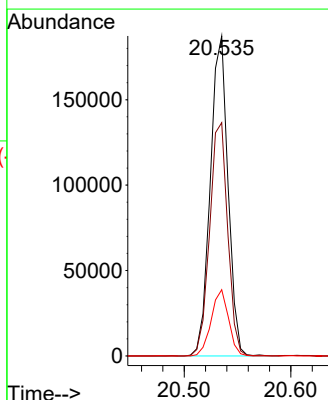
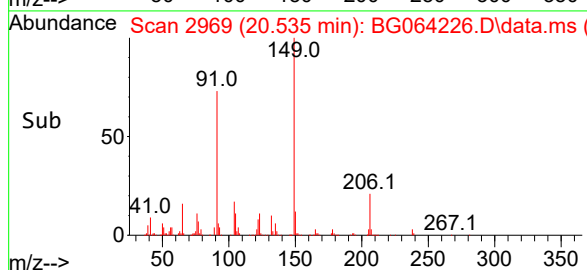
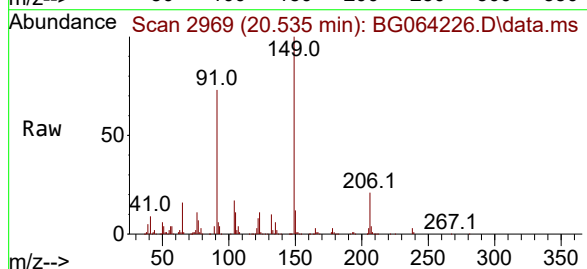
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025

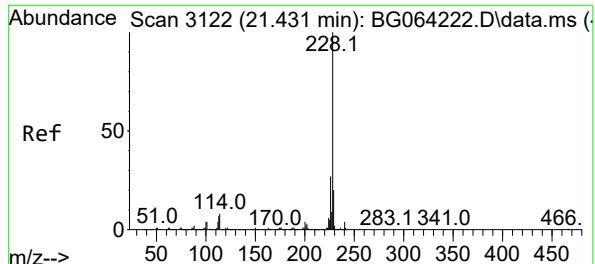


#80  
Butylbenzylphthalate  
Concen: 38.747 ng  
RT: 20.535 min Scan# 2969  
Delta R.T. 0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 215271  
Ion Ratio Lower Upper  
149 100  
91 72.9 61.4 92.0  
206 20.7 15.8 23.6

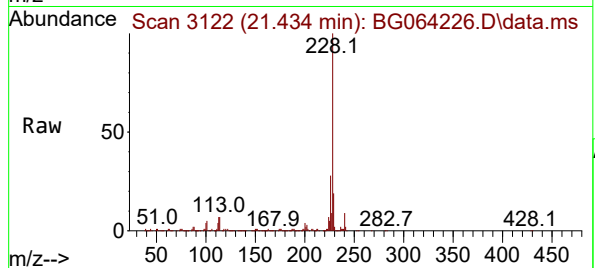






#81  
Benzo(a)anthracene  
Concen: 38.165 ng  
RT: 21.434 min Scan# 3122  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

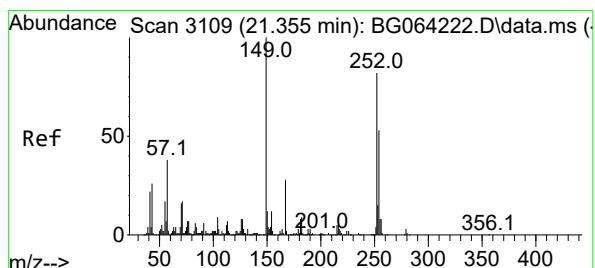
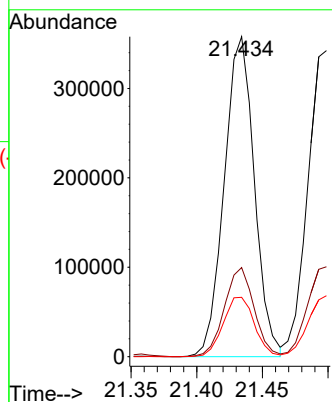
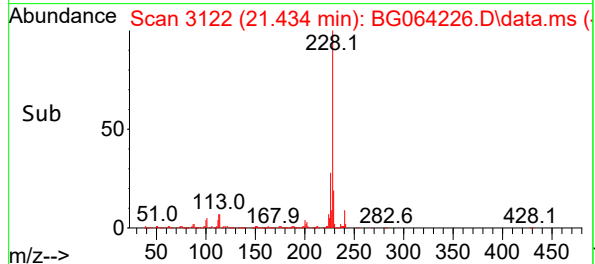
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:228 Resp: 570869  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.7 32.5  
229 18.5 15.9 23.9

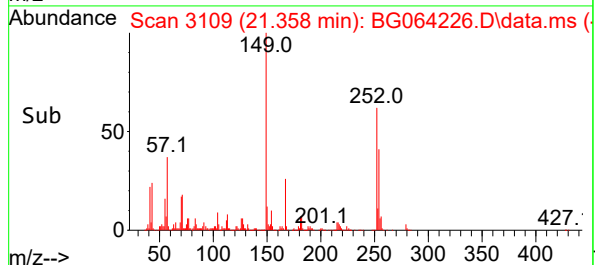
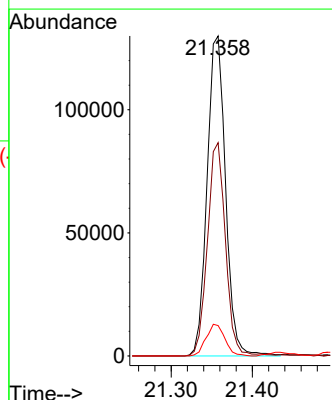
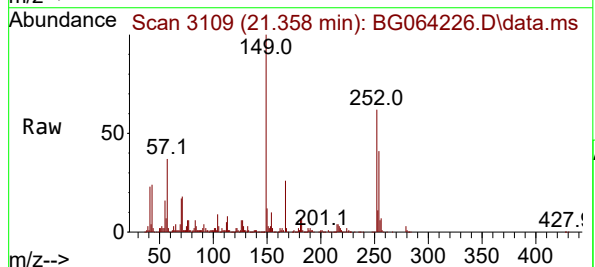
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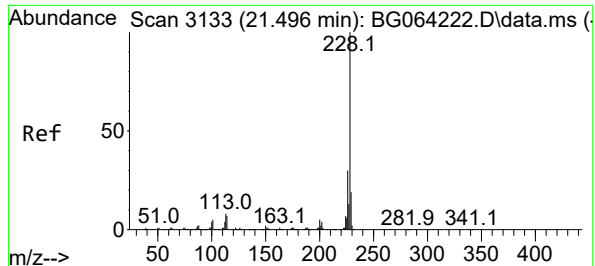
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 42.067 ng  
RT: 21.358 min Scan# 3109  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion:252 Resp: 204932  
Ion Ratio Lower Upper  
252 100  
254 66.6 51.9 77.9  
126 9.5 7.6 11.4





#83

Chrysene

Concen: 37.933 ng

RT: 21.499 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

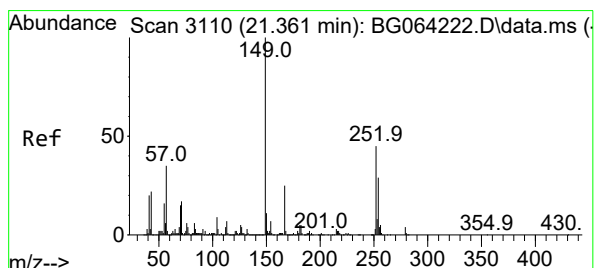
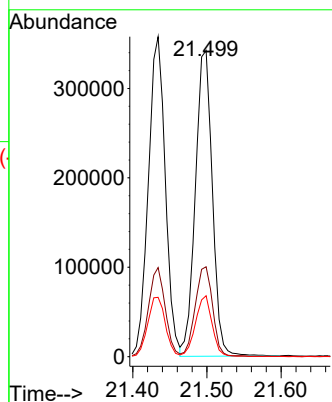
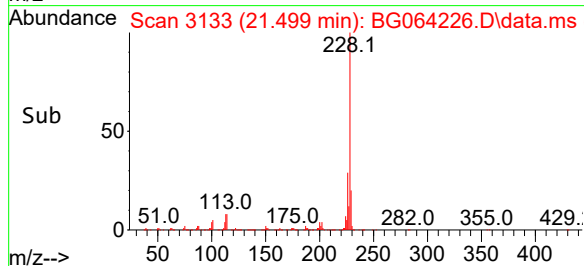
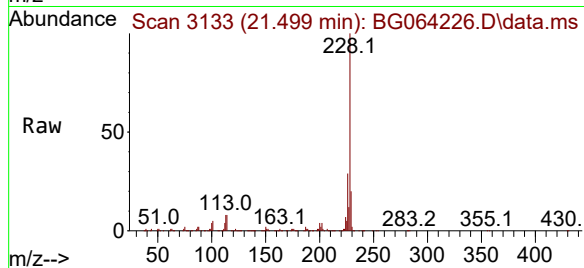
Tgt Ion:228 Resp: 544729

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.4  | 24.2  | 36.2  |
| 229 | 19.9  | 15.4  | 23.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.008 ng

RT: 21.364 min Scan# 3110

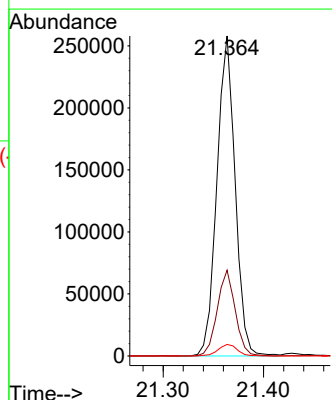
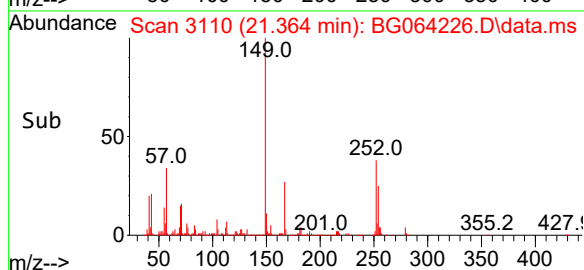
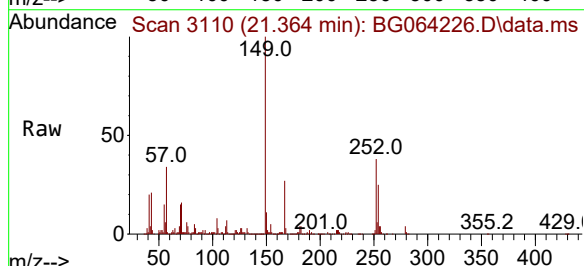
Delta R.T. -0.003 min

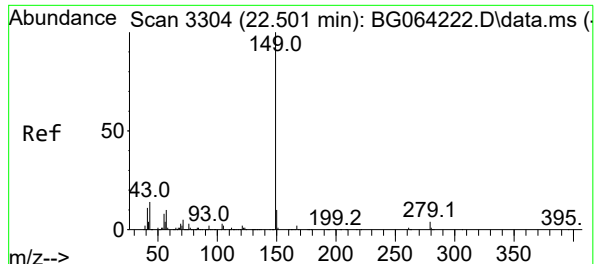
Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Tgt Ion:149 Resp: 325380

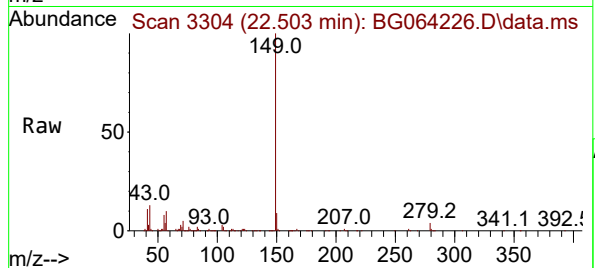
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.8  | 20.0  | 30.0  |
| 279 | 3.6   | 3.0   | 4.4   |





#85  
Di-n-octyl phthalate  
Concen: 38.929 ng  
RT: 22.503 min Scan# 3304  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

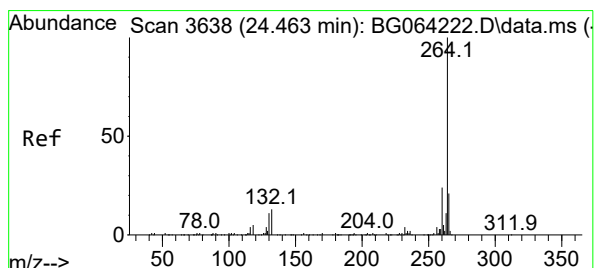
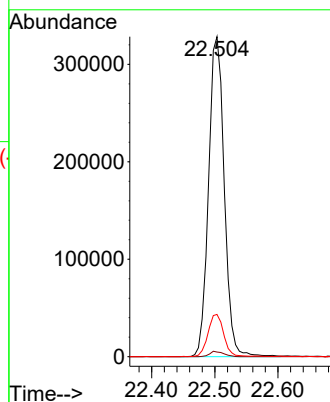
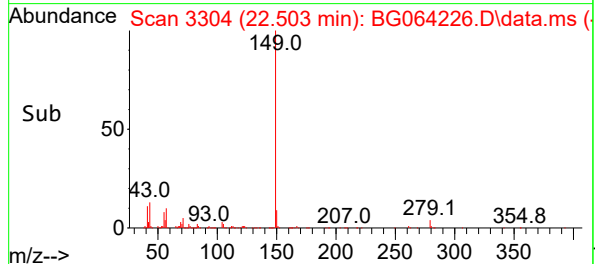
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:149 Resp: 565788  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 13.3 10.8 16.2

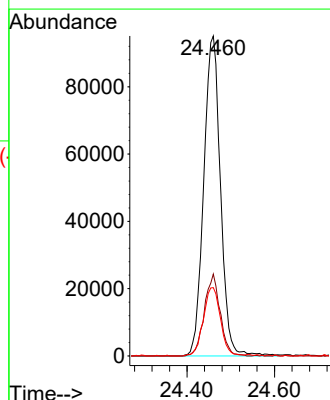
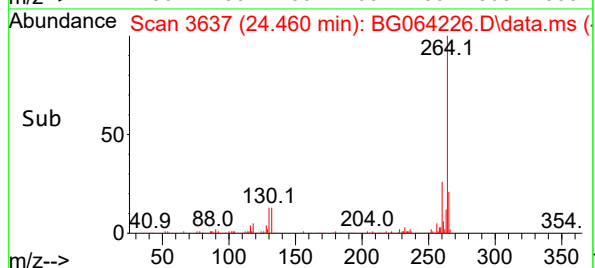
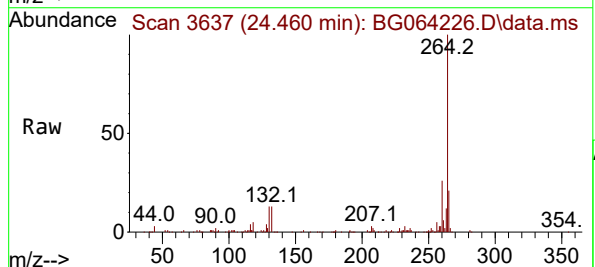
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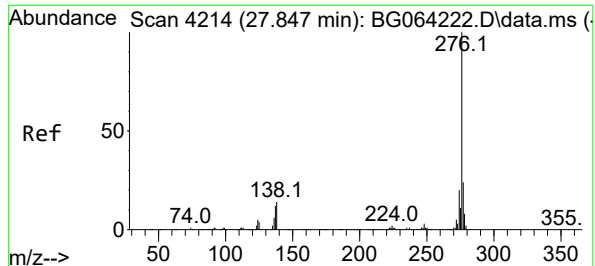
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.460 min Scan# 3637  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

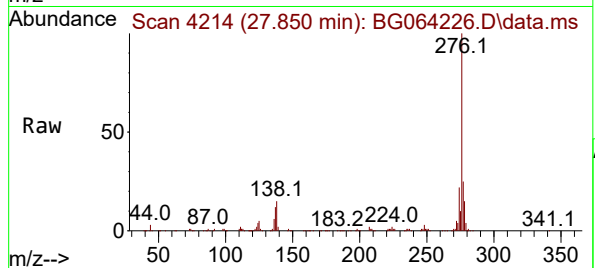
Tgt Ion:264 Resp: 253621  
Ion Ratio Lower Upper  
264 100  
260 25.6 18.9 28.3  
265 21.3 16.7 25.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.123 ng  
RT: 27.850 min Scan# 4214  
Delta R.T. -0.021 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

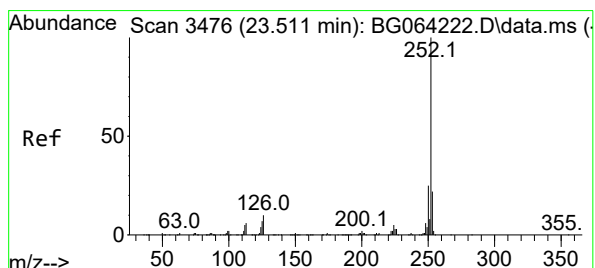
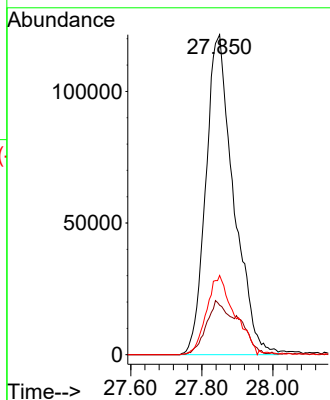
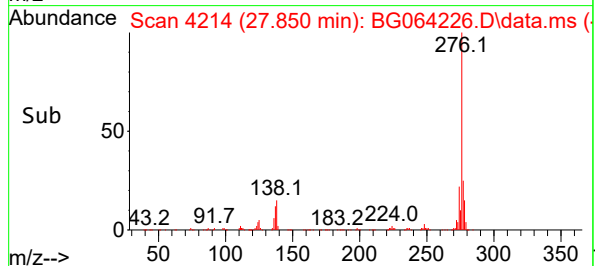
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:276 Resp: 66029  
Ion Ratio Lower Upper  
276 100  
138 14.2 7.4 11.0  
277 25.0 20.5 30.7

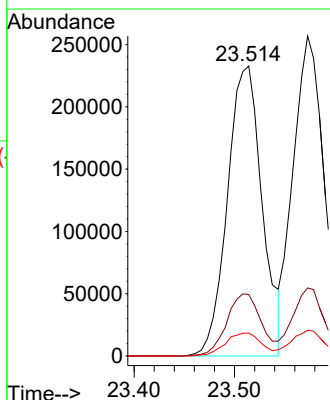
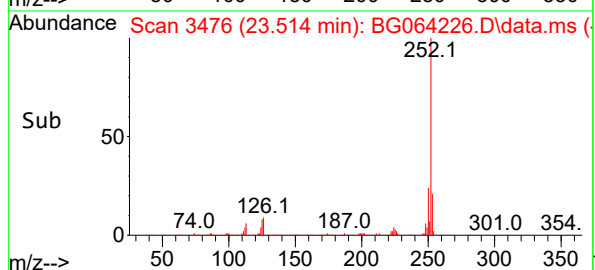
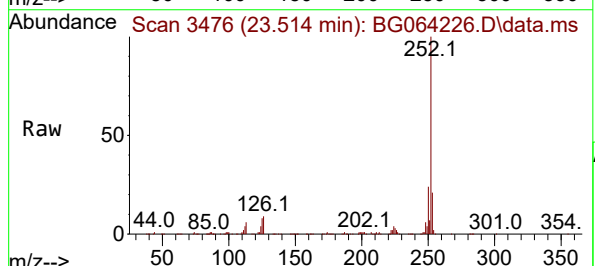
Manual Integrations  
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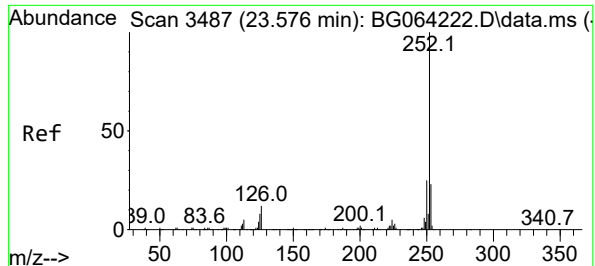
Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#88  
Benzo(b)fluoranthene  
Concen: 39.068 ng  
RT: 23.514 min Scan# 3476  
Delta R.T. -0.003 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion:252 Resp: 559215  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.5 26.3  
125 7.9 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 38.135 ng

RT: 23.573 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

Instrument :

BNA\_G

ClientSampleId :

ICVBG082825

Tgt Ion:252 Resp: 55611

Ion Ratio Lower Upper

252 100

253 21.3 18.2 27.4

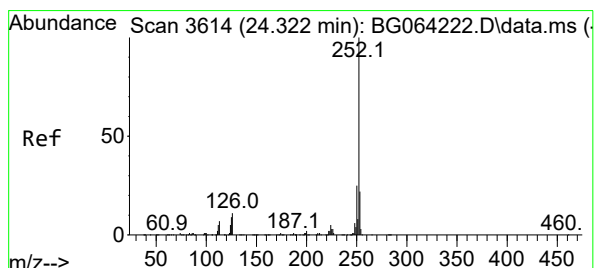
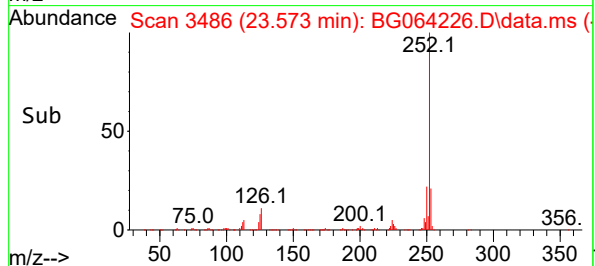
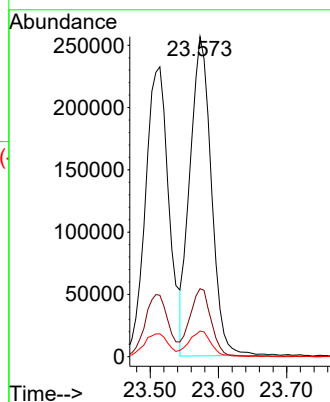
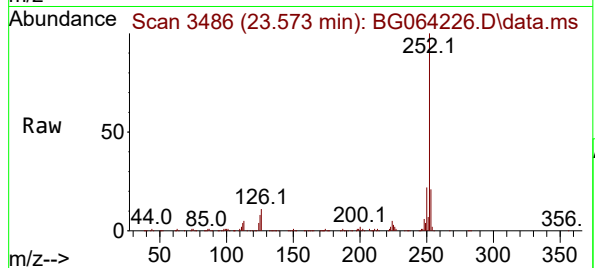
125 8.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/29/2025

Supervised By :Jagrut Upadhyay 08/29/2025



#90

Benzo(a)pyrene

Concen: 40.358 ng

RT: 24.319 min Scan# 3613

Delta R.T. -0.009 min

Lab File: BG064226.D

Acq: 28 Aug 2025 18:19

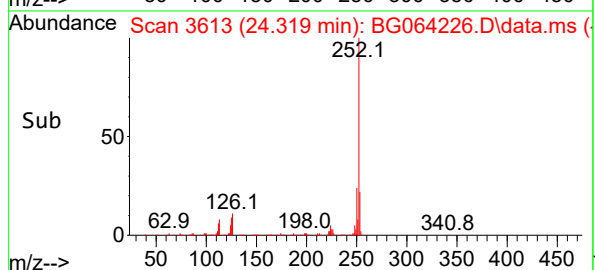
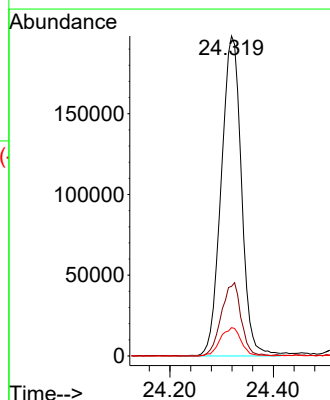
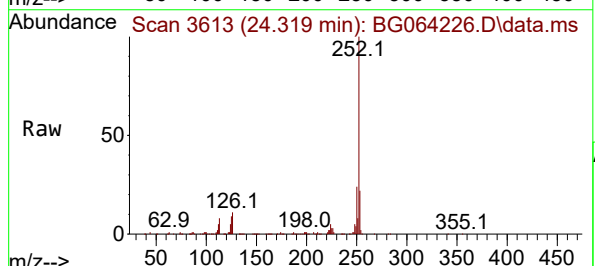
Tgt Ion:252 Resp: 537384

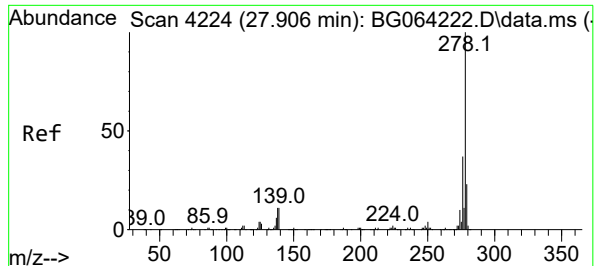
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

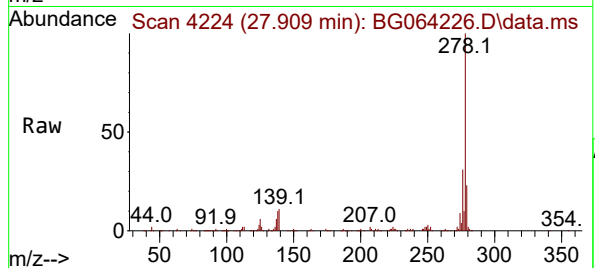
125 8.9 7.0 10.6





#91  
Dibenzo(a,h)anthracene  
Concen: 38.953 ng  
RT: 27.909 min Scan# 41  
Delta R.T. -0.015 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

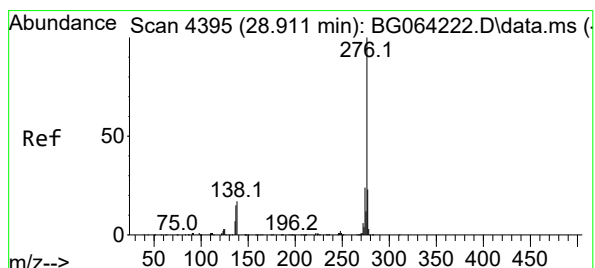
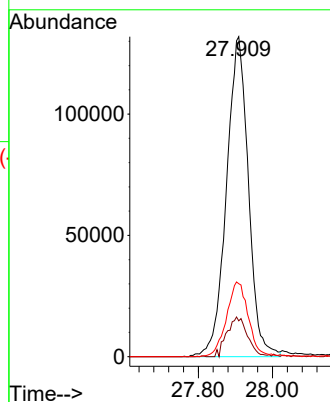
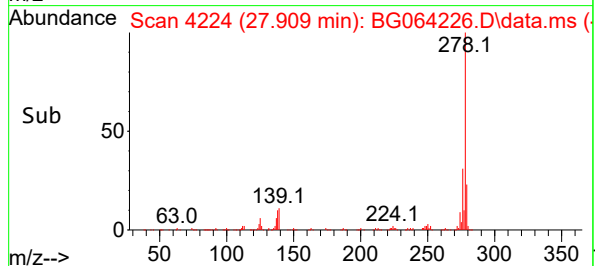
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825



Tgt Ion:278 Resp: 54170  
Ion Ratio Lower Upper  
278 100  
139 11.2 9.0 13.4  
279 22.8 18.8 28.2

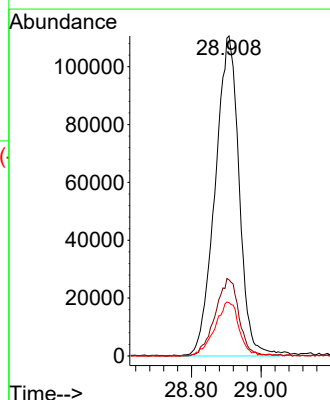
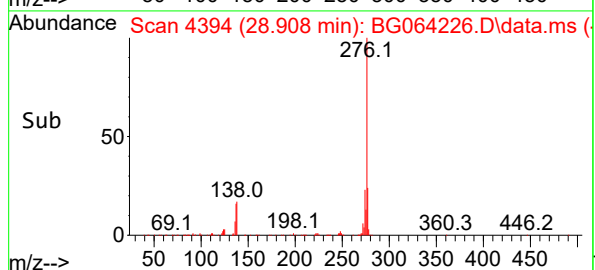
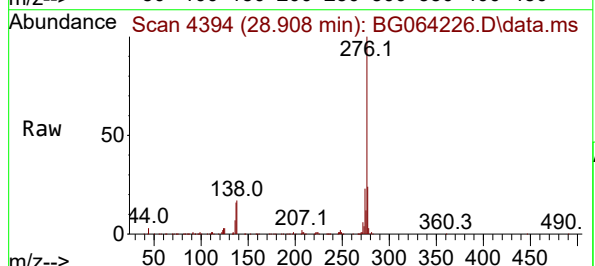
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 08/29/2025  
Supervised By :Jagrut Upadhyay 08/29/2025



#92  
Benzo(g,h,i)perylene  
Concen: 39.074 ng  
RT: 28.908 min Scan# 4394  
Delta R.T. -0.027 min  
Lab File: BG064226.D  
Acq: 28 Aug 2025 18:19

Tgt Ion:276 Resp: 528738  
Ion Ratio Lower Upper  
276 100  
277 23.8 18.2 27.4  
138 16.6 13.3 19.9



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064226.D  
 Acq On : 28 Aug 2025 18:19  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 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    | 112   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.465 | 0.414 | 11.0   | 120   | 0.00     |
| 3    | Pyridine                    | 1.368 | 1.180 | 13.7   | 99    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.905 | 0.844 | 6.7    | 103   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.115 | 0.988 | 11.4   | 100   | 0.00     |
| 6    | Aniline                     | 2.118 | 2.009 | 5.1    | 106   | 0.00     |
| 7 S  | Phenol-d6                   | 1.532 | 1.371 | 10.5   | 101   | 0.00     |
| 8    | 2-Chlorophenol              | 1.362 | 1.278 | 6.2    | 101   | 0.00     |
| 9    | Benzaldehyde                | 1.260 | 1.079 | 14.4   | 88    | 0.00     |
| 10 C | Phenol                      | 1.688 | 1.568 | 7.1    | 105   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.269 | 1.192 | 6.1    | 104   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.449 | 1.348 | 7.0    | 103   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.463 | 1.396 | 4.6    | 107   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.412 | 1.393 | 1.3    | 111   | 0.00     |
| 15   | Benzyl Alcohol              | 1.413 | 1.373 | 2.8    | 108   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.897 | 2.657 | 8.3    | 103   | 0.00     |
| 17   | 2-Methylphenol              | 1.258 | 1.172 | 6.8    | 104   | 0.00     |
| 18   | Hexachloroethane            | 0.571 | 0.517 | 9.5    | 99    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.172 | 1.160 | 1.0    | 108   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.749 | 1.626 | 7.0    | 107   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 110   | 0.00     |
| 22   | Acetophenone                | 0.506 | 0.500 | 1.2    | 109   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.359 | 0.345 | 3.9    | 104   | 0.00     |
| 24   | Nitrobenzene                | 0.375 | 0.354 | 5.6    | 100   | 0.00     |
| 25   | Isophorone                  | 0.745 | 0.734 | 1.5    | 108   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.162 | 0.163 | -0.6   | 104   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.284 | 0.298 | -4.9   | 110   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.402 | 0.391 | 2.7    | 104   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.300 | 0.283 | 5.7    | 100   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.316 | 0.307 | 2.8    | 105   | 0.00     |
| 31   | Naphthalene                 | 1.037 | 0.972 | 6.3    | 103   | 0.00     |
| 32   | Benzoic acid                | 0.226 | 0.229 | -1.3   | 105   | -0.06    |
| 33   | 4-Chloroaniline             | 0.402 | 0.439 | -9.2   | 114   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.234 | 0.215 | 8.1    | 99    | 0.00     |
| 35   | Caprolactam                 | 0.116 | 0.112 | 3.4    | 99    | -0.03    |
| 36 C | 4-Chloro-3-methylphenol     | 0.389 | 0.370 | 4.9    | 103   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.771 | 0.661 | 14.3   | 92    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.761 | 0.701 | 7.9    | 99    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 109   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.577 | 0.558 | 3.3    | 104   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.274 | 0.353 | -28.8# | 140   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.265 | 0.244 | 7.9    | 96    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.386 | 0.380 | 1.6    | 104   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.418 | 0.400 | 4.3    | 101   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.310 | 1.230 | 6.1    | 101   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.457 | 1.421 | 2.5    | 104   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.095 | 1.048 | 4.3    | 103   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064226.D  
 Acq On : 28 Aug 2025 18:19  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 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             | 0.373 | 0.390 | -4.6   | 104   | 0.00     |
| 49   | Acenaphthylene             | 1.619 | 1.763 | -8.9   | 115   | 0.00     |
| 50   | Dimethylphthalate          | 1.514 | 1.435 | 5.2    | 101   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.293 | 0.314 | -7.2   | 106   | 0.00     |
| 52 C | Acenaphthene               | 1.142 | 1.063 | 6.9    | 98    | 0.00     |
| 53   | 3-Nitroaniline             | 0.307 | 0.323 | -5.2   | 106   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.163 | 0.166 | -1.8   | 102   | 0.00     |
| 55   | Dibenzofuran               | 1.797 | 1.698 | 5.5    | 101   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.252 | 0.247 | 2.0    | 94    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.443 | 0.451 | -1.8   | 102   | 0.00     |
| 58   | Fluorene                   | 1.473 | 1.412 | 4.1    | 101   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.402 | 0.410 | -2.0   | 107   | 0.00     |
| 60   | Diethylphthalate           | 1.620 | 1.518 | 6.3    | 98    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.734 | 0.697 | 5.0    | 101   | 0.00     |
| 62   | 4-Nitroaniline             | 0.313 | 0.331 | -5.8   | 103   | -0.01    |
| 63   | Azobenzene                 | 1.444 | 1.408 | 2.5    | 102   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 106   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.115 | 0.110 | 4.3    | 99    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.550 | 0.532 | 3.3    | 101   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.212 | 0.199 | 6.1    | 98    | 0.00     |
| 68   | Hexachlorobenzene          | 0.236 | 0.223 | 5.5    | 105   | 0.00     |
| 69   | Atrazine                   | 0.230 | 0.216 | 6.1    | 96    | 0.00     |
| 70 C | Pentachlorophenol          | 0.143 | 0.132 | 7.7    | 92    | 0.00     |
| 71   | Phenanthrene               | 1.055 | 0.992 | 6.0    | 97    | 0.00     |
| 72   | Anthracene                 | 1.073 | 1.018 | 5.1    | 97    | 0.00     |
| 73   | Carbazole                  | 0.945 | 0.896 | 5.2    | 95    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.136 | 1.081 | 4.8    | 95    | 0.00     |
| 75 C | Fluoranthene               | 1.240 | 1.139 | 8.1    | 93    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 101   | 0.00     |
| 77   | Benzidine                  | 0.421 | 0.537 | -27.6# | 122   | 0.00     |
| 78   | Pyrene                     | 1.260 | 1.180 | 6.3    | 92    | 0.00     |
| 79 S | Terphenyl-d14              | 0.959 | 0.908 | 5.3    | 94    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.475 | 0.460 | 3.2    | 94    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.280 | 1.221 | 4.6    | 95    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.417 | 0.438 | -5.0   | 104   | 0.00     |
| 83   | Chrysene                   | 1.228 | 1.165 | 5.1    | 95    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.714 | 0.696 | 2.5    | 96    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.243 | 1.210 | 2.7    | 97    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 101   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.366 | 1.302 | 4.7    | 94    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 1.129 | 1.102 | 2.4    | 95    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.150 | 1.096 | 4.7    | 97    | -0.01    |
| 90 C | Benzo(a)pyrene             | 1.050 | 1.059 | -0.9   | 99    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.097 | 1.068 | 2.6    | 95    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 1.067 | 1.042 | 2.3    | 98    | -0.03    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
Data File : BG064226.D  
Acq On : 28 Aug 2025 18:19  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825

Quant Time: Aug 28 19:07:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 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\BG082825\  
 Data File : BG064226.D  
 Acq On : 28 Aug 2025 18:19  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 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    | 112   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 35.656 | 10.9   | 120   | 0.00     |
| 3    | Pyridine                    | 40.000 | 34.517 | 13.7   | 99    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.335 | 6.7    | 103   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 70.880 | 11.4   | 100   | 0.00     |
| 6    | Aniline                     | 40.000 | 37.952 | 5.1    | 106   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 71.628 | 10.5   | 101   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.539 | 6.2    | 101   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 34.257 | 14.4   | 88    | 0.00     |
| 10 C | Phenol                      | 40.000 | 37.147 | 7.1    | 105   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.580 | 6.1    | 104   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.215 | 7.0    | 103   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.174 | 4.6    | 107   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.476 | 1.3    | 111   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.856 | 2.9    | 108   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.690 | 8.3    | 103   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.241 | 6.9    | 104   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 36.223 | 9.4    | 99    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.592 | 1.0    | 108   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 37.186 | 7.0    | 107   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 110   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.493 | 1.3    | 109   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 76.975 | 3.8    | 104   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 37.815 | 5.5    | 100   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.413 | 1.5    | 108   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.318 | -0.8   | 104   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.907 | -4.8   | 110   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.946 | 2.6    | 104   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 37.784 | 5.5    | 100   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.773 | 3.1    | 105   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 37.507 | 6.2    | 103   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.656 | -1.6   | 105   | -0.06    |
| 33   | 4-Chloroaniline             | 40.000 | 43.702 | -9.3   | 114   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.817 | 8.0    | 99    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.456 | 3.9    | 99    | -0.03    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.019 | 5.0    | 103   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 34.277 | 14.3   | 92    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.825 | 7.9    | 99    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 109   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.648 | 3.4    | 104   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 51.474 | -28.7# | 140   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 73.586 | 8.0    | 96    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.413 | 1.5    | 104   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.249 | 4.4    | 101   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 75.105 | 6.1    | 101   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.011 | 2.5    | 104   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.279 | 4.3    | 103   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
 Data File : BG064226.D  
 Acq On : 28 Aug 2025 18:19  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082825

Quant Time: Aug 28 19:07:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 41.777 | -4.4   | 104   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 43.553 | -8.9   | 115   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.909 | 5.2    | 101   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.818 | -7.0   | 106   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 37.235 | 6.9    | 98    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.058 | -5.1   | 106   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 37.975 | 5.1    | 102   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.793 | 5.5    | 101   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.235 | 1.9    | 94    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.756 | -1.9   | 102   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.343 | 4.1    | 101   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.784 | -2.0   | 107   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 37.474 | 6.3    | 98    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.983 | 5.0    | 101   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.237 | -5.6   | 103   | -0.01    |
| 63   | Azobenzene                 | 40.000 | 38.992 | 2.5    | 102   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 106   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 38.211 | 4.5    | 99    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.649 | 3.4    | 101   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 37.437 | 6.4    | 98    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 37.742 | 5.6    | 105   | 0.00     |
| 69   | Atrazine                   | 40.000 | 37.526 | 6.2    | 96    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 36.854 | 7.9    | 92    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.635 | 5.9    | 97    | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.931 | 5.2    | 97    | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.906 | 5.2    | 95    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.074 | 4.8    | 95    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.720 | 8.2    | 93    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 101   | 0.00     |
| 77   | Benzydine                  | 40.000 | 51.021 | -27.6# | 122   | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.470 | 6.3    | 92    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 75.787 | 5.3    | 94    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 38.747 | 3.1    | 94    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.165 | 4.6    | 95    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.067 | -5.2   | 104   | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.933 | 5.2    | 95    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.008 | 2.5    | 96    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.929 | 2.7    | 97    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 101   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.123 | 4.7    | 94    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.068 | 2.3    | 95    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.135 | 4.7    | 97    | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.358 | -0.9   | 99    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 38.953 | 2.6    | 95    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.074 | 2.3    | 98    | -0.03    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
Data File : BG064226.D  
Acq On : 28 Aug 2025 18:19  
Operator : RC/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082825

Quant Time: Aug 28 19:07:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 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

6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: POWE02Lab Code: ACESDG No.: Q3155Instrument ID: BNA\_PCalibration Date(s): 09/11/2025 09/11/2025Calibration Time(s): 08:56 15:20

| LAB FILE ID:             |        | RRF2.5 = BP025725.D |        |        | RRF005 = BP025726.D |        | RRF010 = BP025727.D |       |
|--------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
|                          |        | RRF020 = BP025728.D |        |        | RRF040 = BP025729.D |        | RRF060 = BP025731.D |       |
| COMPOUND                 | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF060 | RRF                 | % RSD |
| 2-Fluorophenol           |        | 1.139               | 1.123  | 1.320  | 1.362               | 1.238  | 1.240               | 7.2   |
| Phenol-d6                |        | 1.391               | 1.460  | 1.793  | 1.861               | 1.658  | 1.648               | 10.3  |
| Nitrobenzene-d5          |        | 0.416               | 0.410  | 0.490  | 0.496               | 0.455  | 0.453               | 7.4   |
| Naphthalene              |        | 1.072               | 1.028  | 1.164  | 1.147               | 1.044  | 1.078               | 5.4   |
| 2-Fluorobiphenyl         |        | 1.563               | 1.470  | 1.655  | 1.596               | 1.434  | 1.502               | 7.5   |
| Fluorene                 |        | 1.485               | 1.382  | 1.579  | 1.546               | 1.350  | 1.431               | 7.5   |
| 2,4,6-Tribromophenol     |        | 0.227               | 0.227  | 0.270  | 0.277               | 0.249  | 0.249               | 7.7   |
| Phenanthrene             |        | 1.163               | 1.095  | 1.247  | 1.213               | 1.065  | 1.135               | 7.0   |
| Anthracene               |        | 1.120               | 1.086  | 1.280  | 1.237               | 1.107  | 1.151               | 7.4   |
| Pyrene                   |        | 1.307               | 1.243  | 1.444  | 1.430               | 1.308  | 1.335               | 5.7   |
| Terphenyl-d14            |        | 1.133               | 1.093  | 1.198  | 1.177               | 1.054  | 1.112               | 5.8   |
| Benzo (a) anthracene     |        | 1.346               | 1.302  | 1.471  | 1.453               | 1.330  | 1.369               | 5.0   |
| Chrysene                 |        | 1.316               | 1.253  | 1.397  | 1.375               | 1.268  | 1.305               | 5.1   |
| Benzo (b) fluoranthene   |        | 1.124               | 1.145  | 1.304  | 1.336               | 1.216  | 1.223               | 6.5   |
| Benzo (a) pyrene         |        | 1.131               | 1.100  | 1.276  | 1.307               | 1.208  | 1.198               | 6.5   |
| Indeno (1,2,3-cd) pyrene |        | 1.340               | 1.334  | 1.533  | 1.596               | 1.485  | 1.454               | 7.0   |
| Benzo (g,h,i) perylene   |        | 1.090               | 1.078  | 1.225  | 1.267               | 1.197  | 1.171               | 6.2   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
 Method File : 8270E-BP091225.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Thu Sep 11 16:45:04 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP025732.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD  |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 2)    | 1,4-Dioxane           |                | 0.565 | 0.497 | 0.558 | 0.546 | 0.514 | 0.493 | 0.469 | 0.520 | 7.02  |
| 3)    | Pyridine              |                | 1.376 | 1.317 | 1.526 | 1.566 | 1.464 | 1.400 | 1.380 | 1.432 | 6.23  |
| 4)    | n-Nitrosodimet...     |                |       | 0.639 | 0.715 | 0.721 | 0.680 | 0.652 | 0.648 | 0.676 | 5.26  |
| 5) S  | 2-Fluorophenol        |                | 1.139 | 1.123 | 1.320 | 1.362 | 1.282 | 1.238 | 1.213 | 1.240 | 7.19  |
| 6)    | Aniline               |                | 1.980 | 1.981 | 2.462 | 2.509 | 2.372 | 2.265 | 2.263 | 2.262 | 9.42  |
| 7) S  | Phenol-d6             |                | 1.391 | 1.460 | 1.793 | 1.861 | 1.726 | 1.658 | 1.643 | 1.648 | 10.33 |
| 8)    | 2-Chlorophenol        |                | 1.229 | 1.196 | 1.448 | 1.508 | 1.410 | 1.366 | 1.361 | 1.360 | 8.28  |
| 9)    | Benzaldehyde          |                |       | 1.037 | 0.748 | 0.875 | 1.207 | 1.077 | 0.981 | 0.987 | 16.23 |
| 10) C | Phenol                |                | 1.512 | 1.525 | 1.848 | 1.964 | 1.819 | 1.751 | 1.741 | 1.737 | 9.59  |
| 11)   | bis(2-Chloroet...     |                | 1.313 | 1.222 | 1.508 | 1.555 | 1.438 | 1.368 | 1.365 | 1.396 | 8.20  |
| 12)   | 1,3-Dichlorobe...     |                | 1.550 | 1.447 | 1.662 | 1.674 | 1.548 | 1.489 | 1.464 | 1.548 | 5.87  |
| 13) C | 1,4-Dichlorobe...     |                | 1.550 | 1.475 | 1.698 | 1.690 | 1.590 | 1.539 | 1.492 | 1.576 | 5.63  |
| 14)   | 1,2-Dichlorobe...     |                | 1.529 | 1.432 | 1.634 | 1.653 | 1.542 | 1.485 | 1.445 | 1.531 | 5.64  |
| 15)   | Benzyl Alcohol        |                |       | 1.092 | 1.425 | 1.510 | 1.411 | 1.350 | 1.380 | 1.361 | 10.49 |
| 16)   | 2,2'-oxybis(1-...     |                | 2.241 | 2.133 | 2.476 | 2.493 | 2.291 | 2.164 | 2.179 | 2.282 | 6.47  |
| 17)   | 2-Methylphenol        |                | 0.973 | 1.030 | 1.268 | 1.319 | 1.231 | 1.185 | 1.192 | 1.171 | 10.72 |
| 18)   | Hexachloroethane      |                | 0.603 | 0.557 | 0.633 | 0.647 | 0.609 | 0.588 | 0.579 | 0.602 | 5.18  |
| 19) P | n-Nitroso-di-n...     | 0.961          | 1.032 | 1.047 | 1.300 | 1.320 | 1.230 | 1.151 | 1.151 | 1.149 | 11.29 |
| 20)   | 3+4-Methylphenols     |                |       | 1.352 | 1.721 | 1.819 | 1.693 | 1.625 | 1.633 | 1.640 | 9.62  |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 22)   | Acetophenone          |                | 0.474 | 0.488 | 0.583 | 0.588 | 0.550 | 0.538 | 0.520 | 0.534 | 8.19  |
| 23) S | Nitrobenzene-d5       |                | 0.416 | 0.410 | 0.490 | 0.496 | 0.467 | 0.455 | 0.440 | 0.453 | 7.43  |
| 24)   | Nitrobenzene          |                | 0.366 | 0.363 | 0.440 | 0.449 | 0.418 | 0.411 | 0.400 | 0.407 | 8.15  |
| 25)   | Isophorone            |                | 0.737 | 0.726 | 0.862 | 0.860 | 0.815 | 0.791 | 0.787 | 0.797 | 6.76  |
| 26) C | 2-Nitrophenol         |                | 0.141 | 0.154 | 0.190 | 0.203 | 0.193 | 0.192 | 0.192 | 0.181 | 12.86 |
| 27)   | 2,4-Dimethylph...     |                | 0.263 | 0.286 | 0.345 | 0.356 | 0.327 | 0.320 | 0.320 | 0.317 | 10.24 |
| 28)   | bis(2-Chloroet...     |                | 0.414 | 0.423 | 0.510 | 0.498 | 0.474 | 0.452 | 0.453 | 0.461 | 7.83  |
| 29) C | 2,4-Dichloroph...     |                | 0.267 | 0.270 | 0.339 | 0.349 | 0.337 | 0.327 | 0.323 | 0.316 | 10.66 |
| 30)   | 1,2,4-Trichlor...     |                | 0.355 | 0.335 | 0.377 | 0.378 | 0.357 | 0.346 | 0.343 | 0.356 | 4.60  |
| 31)   | Naphthalene           |                | 1.072 | 1.028 | 1.164 | 1.147 | 1.084 | 1.044 | 1.010 | 1.078 | 5.41  |
| 32)   | Benzoic acid          |                |       | 0.170 | 0.214 | 0.261 | 0.253 | 0.257 | 0.259 | 0.236 | 15.62 |
| 33)   | 4-Chloroaniline       |                | 0.343 | 0.391 | 0.489 | 0.510 | 0.477 | 0.465 | 0.471 | 0.449 | 13.27 |
| 34) C | Hexachlorobuta...     |                | 0.226 | 0.219 | 0.247 | 0.242 | 0.227 | 0.226 | 0.217 | 0.229 | 4.97  |
| 35)   | Caprolactam           |                |       | 0.105 | 0.127 | 0.132 | 0.123 | 0.120 | 0.123 | 0.122 | 7.52  |
| 36) C | 4-Chloro-3-met...     |                | 0.328 | 0.338 | 0.406 | 0.414 | 0.394 | 0.377 | 0.380 | 0.377 | 8.72  |
| 37)   | 2-Methylnaphth...     |                | 0.662 | 0.639 | 0.758 | 0.747 | 0.698 | 0.677 | 0.666 | 0.693 | 6.47  |
| 38)   | 1-Methylnaphth...     |                | 0.726 | 0.691 | 0.807 | 0.800 | 0.731 | 0.713 | 0.703 | 0.739 | 6.25  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
 Method File : 8270E-BP091225.M

|       |                   |                |       |       |       |       |       |       |       |       |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |
| 40)   | 1,2,4,5-Tetrac... | 0.590          | 0.561 | 0.653 | 0.660 | 0.607 | 0.604 | 0.568 | 0.606 | 6.33  |
| 41) P | Hexachlorocycl... | 0.225          | 0.326 | 0.380 | 0.351 | 0.347 | 0.351 | 0.330 |       | 16.40 |
| 42) S | 2,4,6-Tribromo... | 0.227          | 0.227 | 0.270 | 0.277 | 0.250 | 0.249 | 0.246 | 0.249 | 7.67  |
| 43) C | 2,4,6-Trichlor... | 0.340          | 0.354 | 0.435 | 0.445 | 0.409 | 0.409 | 0.397 | 0.398 | 9.86  |
| 44)   | 2,4,5-Trichlor... | 0.375          | 0.389 | 0.482 | 0.501 | 0.459 | 0.457 | 0.441 | 0.443 | 10.43 |
| 45) S | 2-Fluorobiphenyl  | 1.563          | 1.470 | 1.655 | 1.596 | 1.479 | 1.434 | 1.318 | 1.502 | 7.50  |
| 46)   | 1,1'-Biphenyl     | 1.458          | 1.375 | 1.599 | 1.587 | 1.465 | 1.425 | 1.366 | 1.468 | 6.37  |
| 47)   | 2-Chloronaphth... | 1.140          | 1.090 | 1.252 | 1.240 | 1.164 | 1.132 | 1.073 | 1.156 | 5.96  |
| 48)   | 2-Nitroaniline    | 0.309          | 0.332 | 0.416 | 0.439 | 0.399 | 0.402 | 0.401 | 0.385 | 12.14 |
| 49)   | Acenaphthylene    | 1.877          | 1.791 | 2.095 | 2.058 | 1.904 | 1.871 | 1.810 | 1.915 | 6.12  |
| 50)   | Dimethylphthalate | 1.545          | 1.433 | 1.682 | 1.659 | 1.493 | 1.446 | 1.430 | 1.527 | 6.95  |
| 51)   | 2,6-Dinitrotol... | 0.286          | 0.291 | 0.353 | 0.358 | 0.329 | 0.330 | 0.318 | 0.324 | 8.57  |
| 52) C | Acenaphthene      | 1.129          | 1.052 | 1.207 | 1.195 | 1.084 | 1.055 | 1.010 | 1.104 | 6.80  |
| 53)   | 3-Nitroaniline    | 0.266          | 0.282 | 0.370 | 0.394 | 0.358 | 0.357 | 0.355 | 0.340 | 13.91 |
| 54) P | 2,4-Dinitrophenol | 0.108          | 0.173 | 0.209 | 0.201 | 0.201 | 0.209 | 0.183 |       | 21.35 |
| 55)   | Dibenzofuran      | 1.834          | 1.754 | 1.967 | 1.922 | 1.766 | 1.719 | 1.640 | 1.800 | 6.39  |
| 56) P | 4-Nitrophenol     | 0.148          | 0.255 | 0.307 | 0.273 | 0.280 | 0.288 | 0.258 |       | 22.01 |
| 57)   | 2,4-Dinitrotol... | 0.382          | 0.398 | 0.501 | 0.521 | 0.484 | 0.471 | 0.467 | 0.460 | 11.27 |
| 58)   | Fluorene          | 1.485          | 1.382 | 1.579 | 1.546 | 1.385 | 1.350 | 1.292 | 1.431 | 7.46  |
| 59)   | 2,3,4,6-Tetrac... | 0.362          | 0.361 | 0.434 | 0.446 | 0.404 | 0.393 | 0.395 | 0.399 | 8.21  |
| 60)   | Diethylphthalate  | 1.573          | 1.472 | 1.697 | 1.644 | 1.518 | 1.473 | 1.465 | 1.549 | 5.98  |
| 61)   | 4-Chlorophenyl... | 0.755          | 0.699 | 0.791 | 0.769 | 0.704 | 0.681 | 0.651 | 0.721 | 7.07  |
| 62)   | 4-Nitroaniline    | 0.258          | 0.281 | 0.381 | 0.404 | 0.373 | 0.376 | 0.365 | 0.349 | 15.91 |
| 63)   | Azobenzene        | 1.421          | 1.383 | 1.648 | 1.643 | 1.510 | 1.468 | 1.410 | 1.498 | 7.29  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |
| 65)   | 4,6-Dinitro-2-... | 0.093          | 0.135 | 0.151 | 0.143 | 0.137 | 0.139 | 0.133 |       | 15.14 |
| 66) c | n-Nitrosodiphe... | 0.597          | 0.573 | 0.681 | 0.664 | 0.628 | 0.594 | 0.547 | 0.612 | 7.88  |
| 67)   | 4-Bromophenyl-... | 0.213          | 0.202 | 0.240 | 0.238 | 0.226 | 0.213 | 0.205 | 0.220 | 6.85  |
| 68)   | Hexachlorobenzene | 0.243          | 0.230 | 0.266 | 0.261 | 0.248 | 0.236 | 0.231 | 0.245 | 5.77  |
| 69)   | Atrazine          | 0.215          | 0.210 | 0.260 | 0.260 | 0.240 | 0.227 | 0.227 | 0.234 | 8.54  |
| 70) C | Pentachlorophenol | 0.132          | 0.168 | 0.179 | 0.167 | 0.161 | 0.163 | 0.162 |       | 9.85  |
| 71)   | Phenanthrene      | 1.163          | 1.095 | 1.247 | 1.213 | 1.131 | 1.065 | 1.027 | 1.135 | 6.96  |
| 72)   | Anthracene        | 1.120          | 1.086 | 1.280 | 1.237 | 1.183 | 1.107 | 1.044 | 1.151 | 7.39  |
| 73)   | Carbazole         | 0.994          | 0.998 | 1.185 | 1.173 | 1.105 | 1.038 | 0.999 | 1.070 | 7.82  |
| 74)   | Di-n-butylphth... | 1.232          | 1.213 | 1.468 | 1.438 | 1.339 | 1.281 | 1.220 | 1.313 | 8.00  |
| 75) C | Fluoranthene      | 1.387          | 1.294 | 1.511 | 1.447 | 1.351 | 1.293 | 1.242 | 1.361 | 6.96  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |
| 77)   | Benzidine         | 0.523          | 0.537 | 0.653 | 0.631 | 0.578 | 0.536 | 0.576 |       | 9.47  |
| 78)   | Pyrene            | 1.307          | 1.243 | 1.444 | 1.430 | 1.337 | 1.308 | 1.274 | 1.335 | 5.71  |
| 79) S | Terphenyl-d14     | 1.133          | 1.093 | 1.198 | 1.177 | 1.111 | 1.054 | 1.017 | 1.112 | 5.78  |
| 80)   | Butylbenzylpht... | 0.519          | 0.511 | 0.636 | 0.647 | 0.608 | 0.587 | 0.588 | 0.585 | 9.02  |
| 81)   | Benzo(a)anthra... | 1.346          | 1.302 | 1.471 | 1.453 | 1.378 | 1.330 | 1.305 | 1.369 | 5.02  |
| 82)   | 3,3'-Dichlorob... | 0.425          | 0.499 | 0.518 | 0.488 | 0.468 | 0.442 | 0.473 |       | 7.45  |
| 83)   | Chrysene          | 1.316          | 1.253 | 1.397 | 1.375 | 1.317 | 1.268 | 1.210 | 1.305 | 5.11  |
| 84)   | Bis(2-ethylhex... | 0.800          | 0.781 | 0.930 | 0.945 | 0.861 | 0.857 | 0.818 | 0.856 | 7.31  |
| 85) c | Di-n-octyl pht... | 1.315          | 1.604 | 1.670 | 1.531 | 1.513 | 1.504 | 1.523 |       | 7.87  |

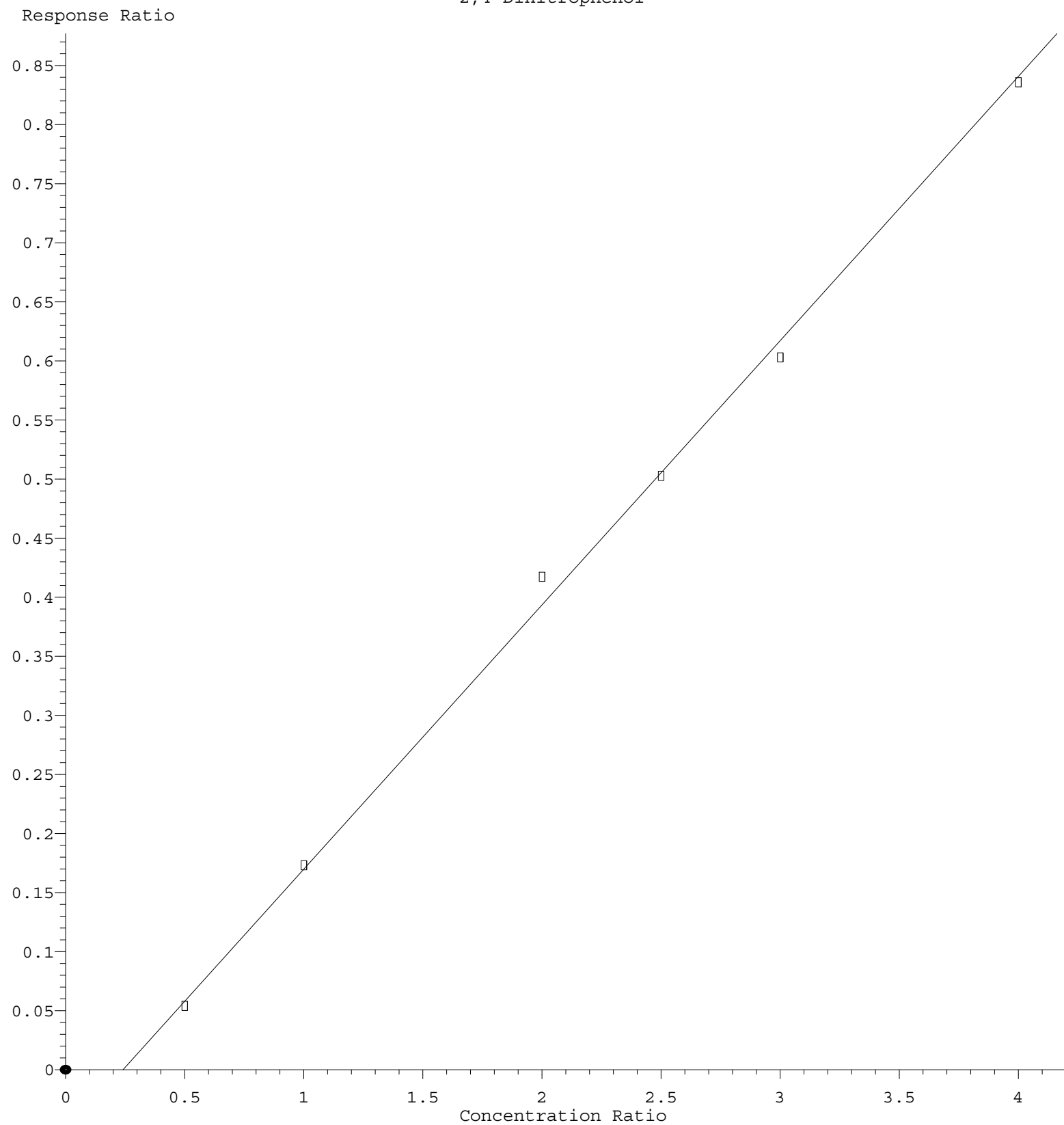
Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
Method File : 8270E-BP091225.M

|       |                   |                |       |       |       |       |       |       |       |      |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |
| 87)   | Indeno(1,2,3-c... | 1.340          | 1.334 | 1.533 | 1.596 | 1.506 | 1.485 | 1.386 | 1.454 | 6.99 |
| 88)   | Benzo(b)fluora... | 1.124          | 1.145 | 1.304 | 1.336 | 1.252 | 1.216 | 1.186 | 1.223 | 6.45 |
| 89)   | Benzo(k)fluora... | 1.228          | 1.170 | 1.367 | 1.341 | 1.258 | 1.220 | 1.151 | 1.248 | 6.51 |
| 90) C | Benzo(a)pyrene    | 1.131          | 1.100 | 1.276 | 1.307 | 1.221 | 1.208 | 1.141 | 1.198 | 6.45 |
| 91)   | Dibenzo(a,h)an... | 1.116          | 1.075 | 1.254 | 1.297 | 1.239 | 1.208 | 1.143 | 1.190 | 6.79 |
| 92)   | Benzo(g,h,i)pe... | 1.090          | 1.078 | 1.225 | 1.267 | 1.210 | 1.197 | 1.125 | 1.170 | 6.20 |

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



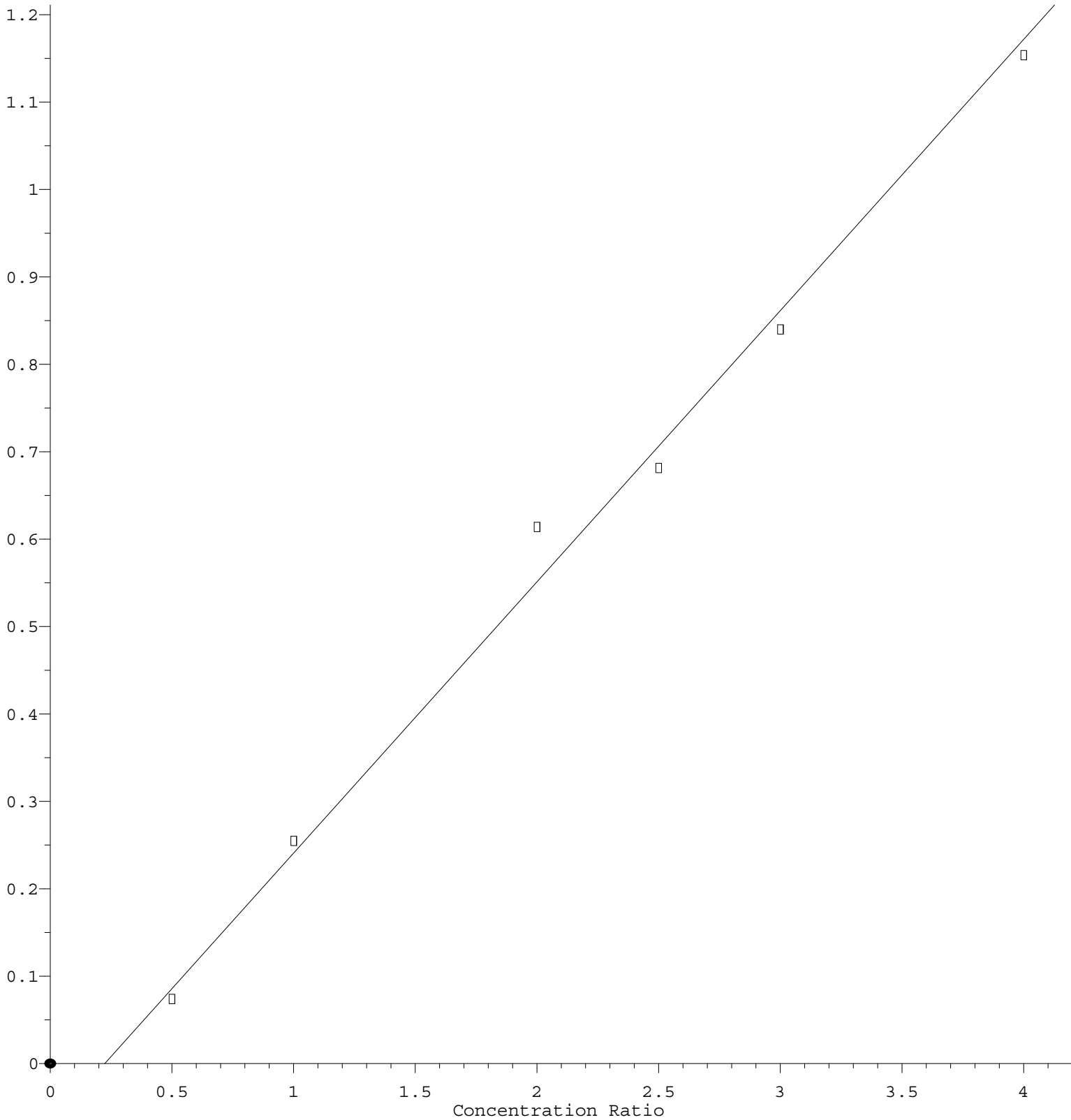
# 2,4-Dinitrophenol



Response =  $2.238 \times 10^{-1} \times \text{Amt} - 5.399 \times 10^{-2}$   
 Coef of Det ( $r^2$ ) = 0.998392    Curve Fit: wlr(1/a)  
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M  
 Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

# 4-Nitrophenol

Response Ratio



$$\text{Response} = 3.103\text{e-}001 * \text{Amt} - 6.955\text{e-}002$$

Coef of Det ( $r^2$ ) = 0.993923 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M

Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025725.D  
 Acq On : 11 Sep 2025 08:56  
 Operator : CG/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC2.5

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:18:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.737  | 152  | 120353   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.513 | 136  | 495839   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.372 | 164  | 354286   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.183 | 188  | 772731   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.624 | 240  | 878437   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12              | 25.001 | 264  | 947867   | 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... | 8.549  | 70   | 14459m   | 2.116  | ng    | Qvalue   |
| -----                         |        |      |          |        |       |          |

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

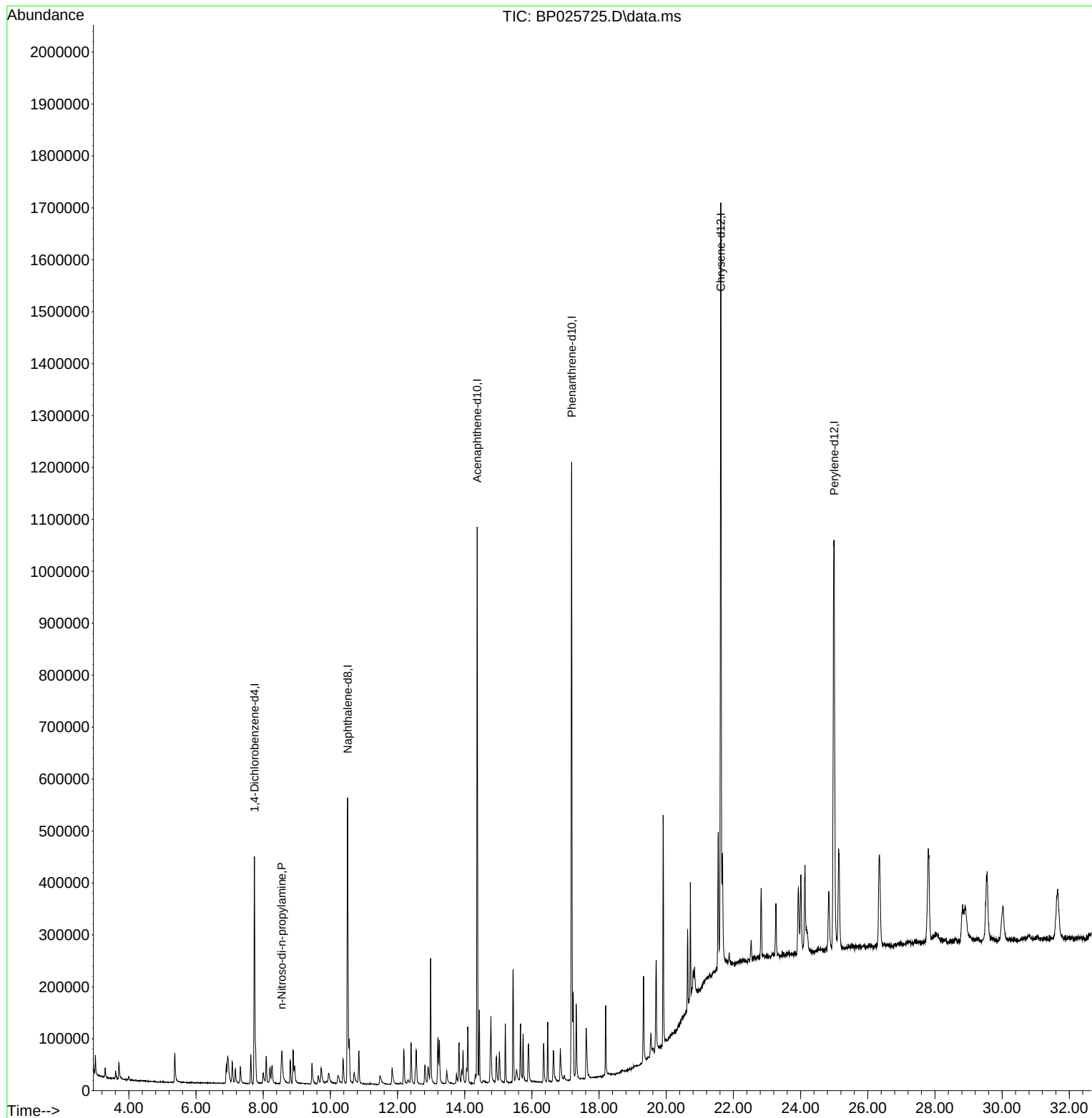
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025725.D  
Acq On : 11 Sep 2025 08:56  
Operator : CG/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

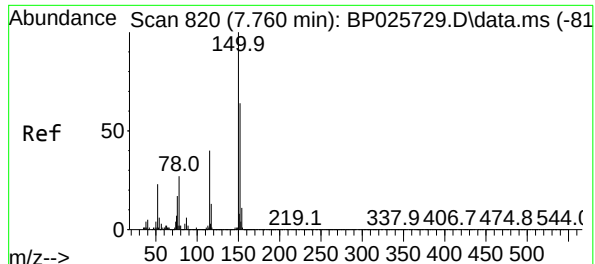
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC2.5

Manual Integrations  
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Supervised By :Jagrut Upadhyay 09/12/2025

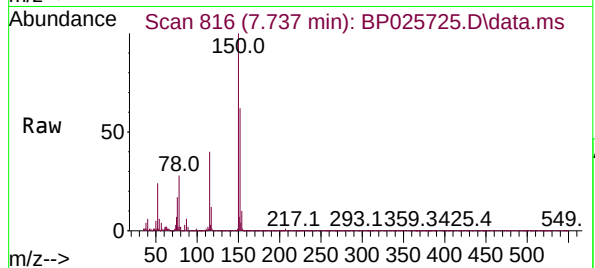
Quant Time: Sep 11 16:18:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:16:10 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.737 min Scan# 81  
Delta R.T. -0.023 min  
Lab File: BP025725.D  
Acq: 11 Sep 2025 08:56

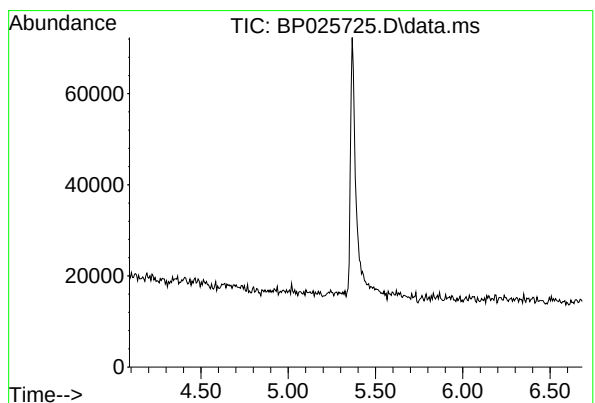
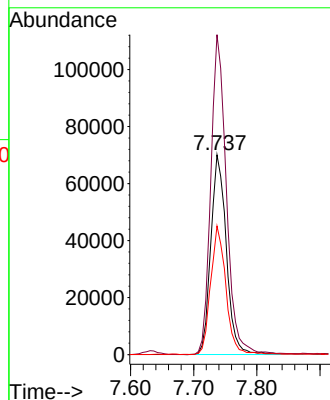
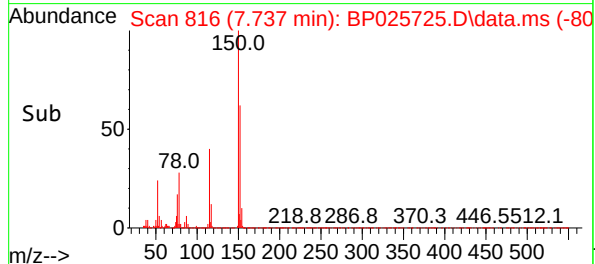
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC2.5



Tgt Ion:152 Resp: 12035  
Ion Ratio Lower Upper  
152 100  
150 160.2 124.3 186.5  
115 64.4 50.3 75.5

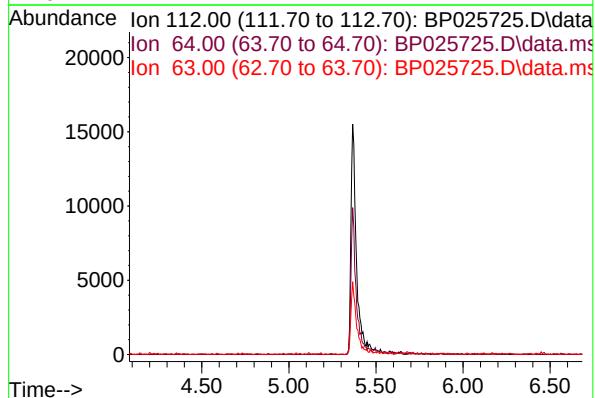
Manual Integrations  
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Supervised By :Jagrut Upadhyay 09/12/2025



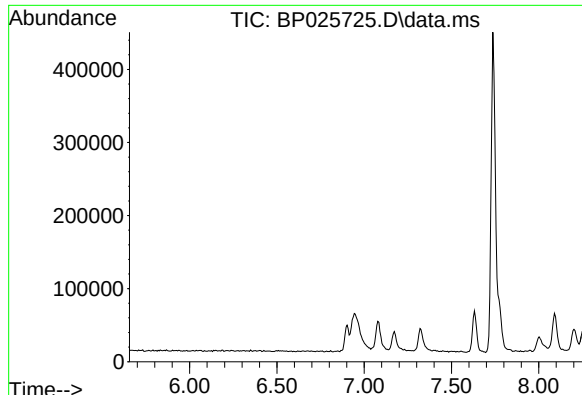
#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.38 min  
  
Lab File: BP025725.D  
Acq: 11 Sep 2025 08:56

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 62.8  
63 33.4



Ion 64.00 (63.70 to 64.70): BP025725.D\data.ms

Ion 63.00 (62.70 to 63.70): BP025725.D\data.ms



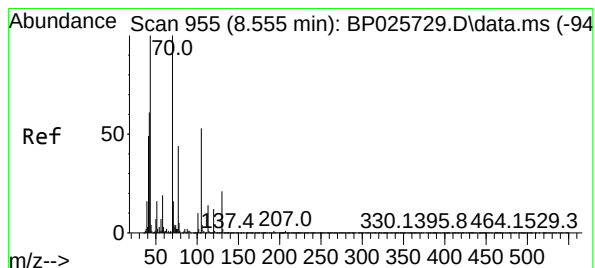
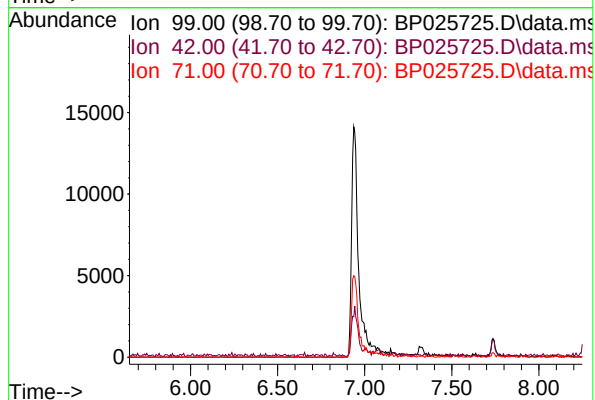
#7  
Phenol-d6  
Concen: 0.000 ng  
Expected RT: 6.95 min  
  
Lab File: BP025725.D  
Acq: 11 Sep 2025 08:56

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 99  
Sig Exp Ratio  
99 100  
42 19.5  
71 35.8

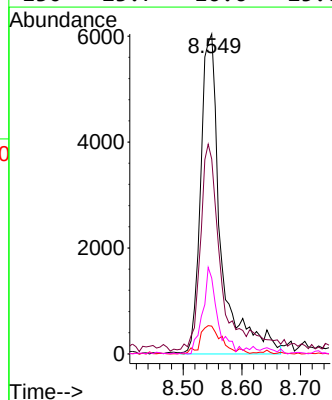
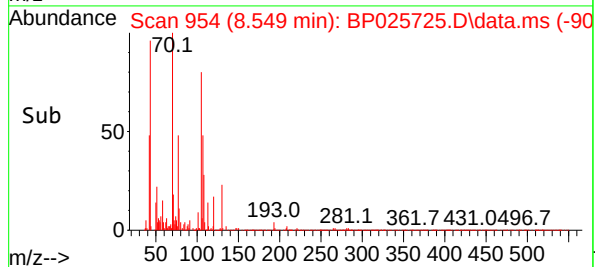
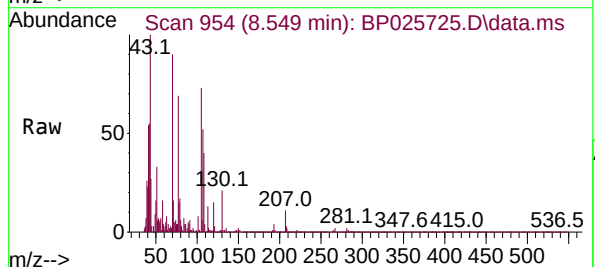
Manual Integrations  
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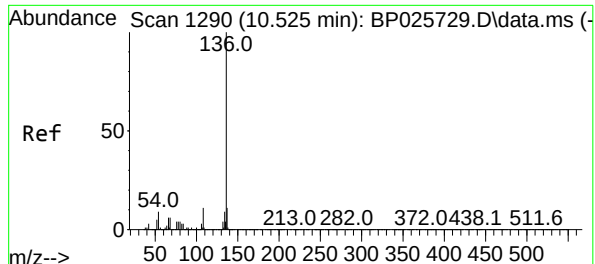
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.116 ng m  
RT: 8.549 min Scan# 954  
Delta R.T. -0.006 min  
Lab File: BP025725.D  
Acq: 11 Sep 2025 08:56

Tgt Ion: 70 Resp: 14459  
Ion Ratio Lower Upper  
70 100  
42 60.9 49.0 73.4  
101 8.7 7.9 11.9  
130 23.7 16.6 25.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.513 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

Instrument :

BNA\_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 495839

Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.4 7.5 11.3

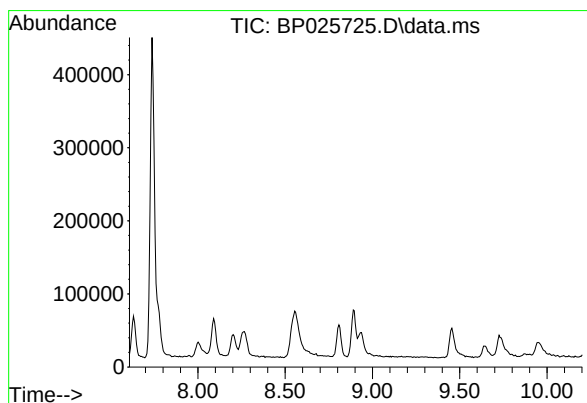
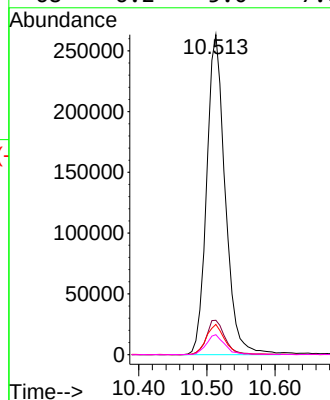
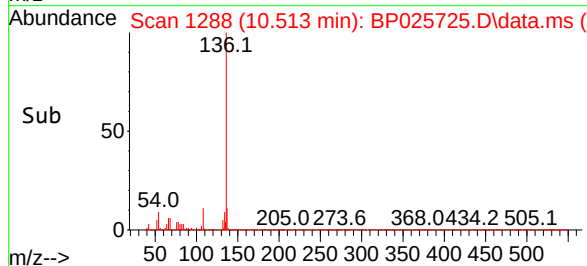
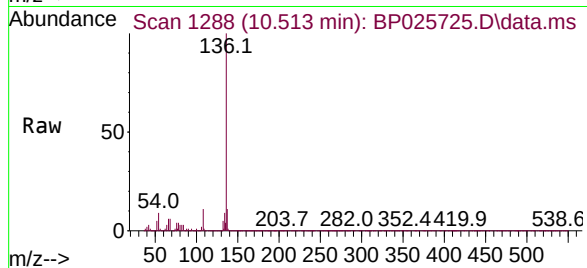
68 6.2 5.0 7.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/12/2025



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.90 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

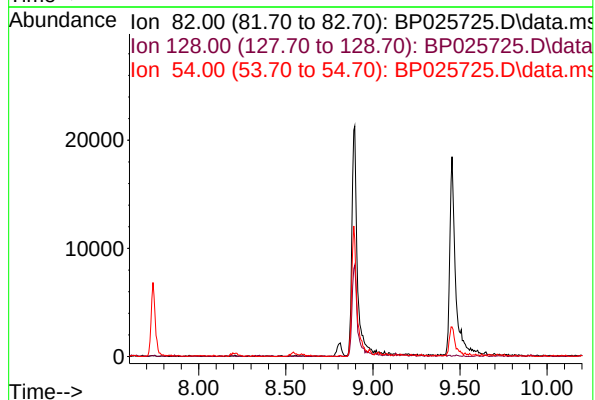
Tgt Ion: 82

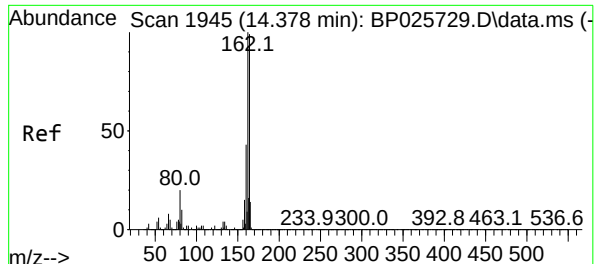
Sig Exp Ratio

82 100

128 41.1

54 54.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 19

Delta R.T. -0.006 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

Instrument :

BNA\_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:164 Resp: 354286

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

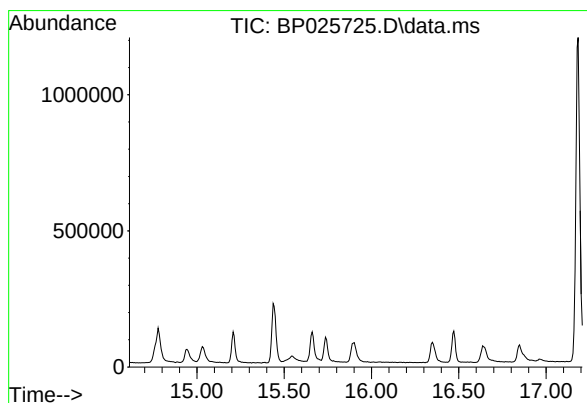
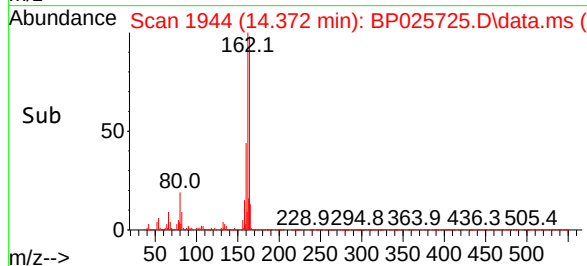
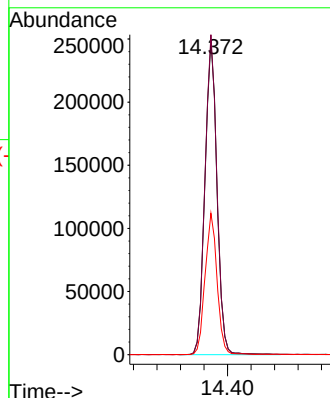
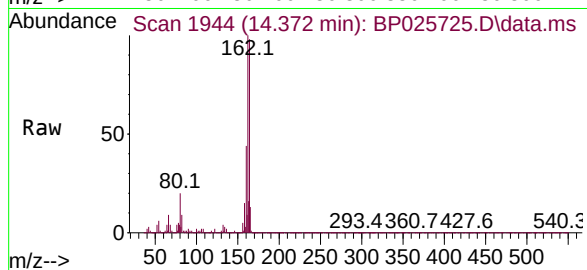
160 45.0 35.0 52.6

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Supervised By :Jagrut Upadhyay 09/12/2025



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.91 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

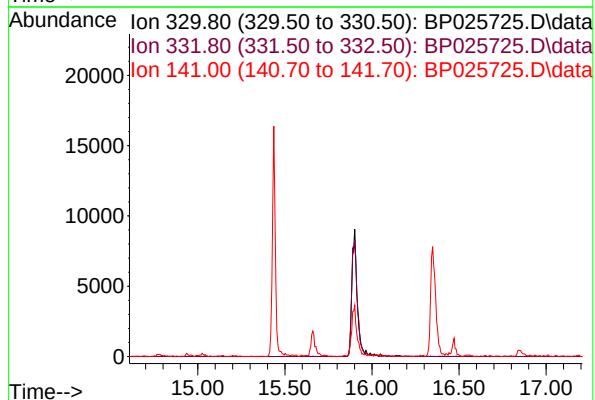
Tgt Ion: 330

Sig Exp Ratio

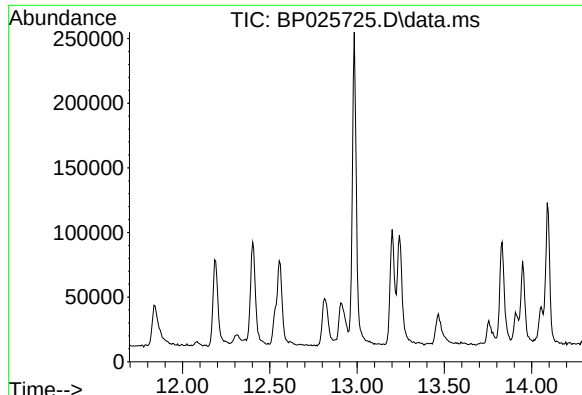
330 100

332 96.1

141 38.7







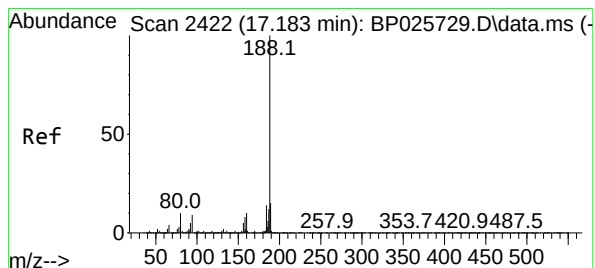
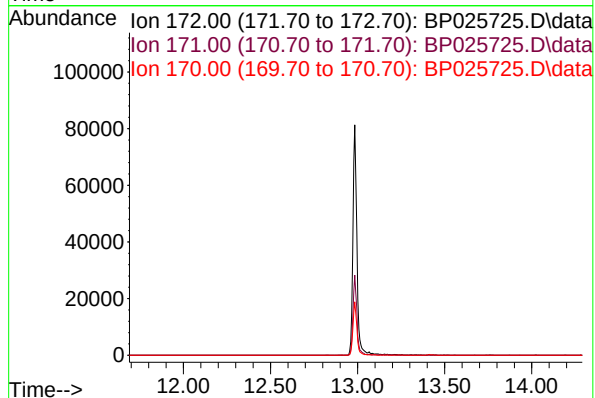
#45  
2-Fluorobiphenyl  
Concen: 0.000 ng  
Expected RT: 12.99 min  
  
Lab File: BP025725.D  
Acq: 11 Sep 2025 08:56

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 172  
Sig Exp Ratio  
172 100  
171 34.7  
170 23.2

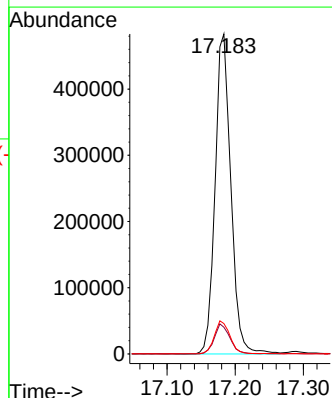
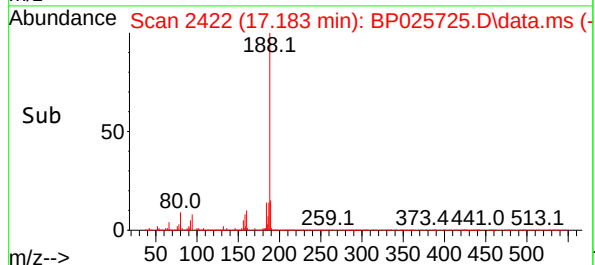
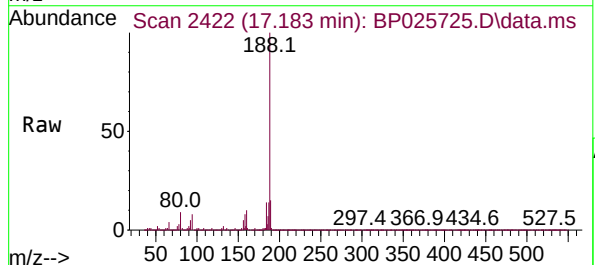
Manual Integrations  
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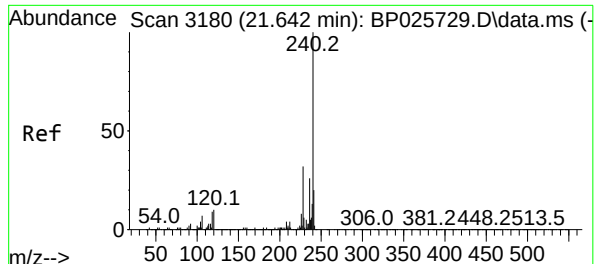
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.183 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BP025725.D  
Acq: 11 Sep 2025 08:56

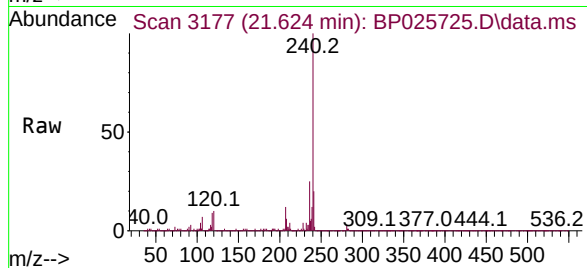
Tgt Ion:188 Resp: 772731  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.4 11.0  
80 9.5 7.7 11.5





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.624 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BP025725.D  
Acq: 11 Sep 2025 08:56

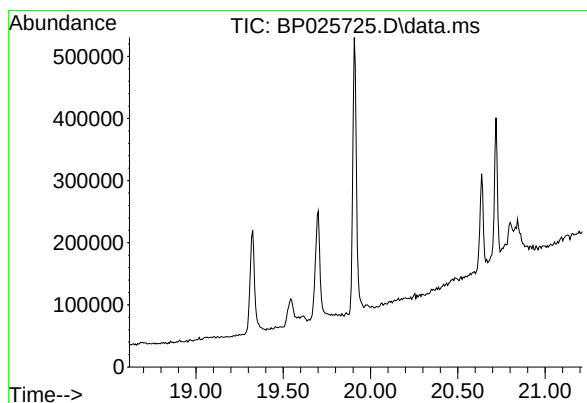
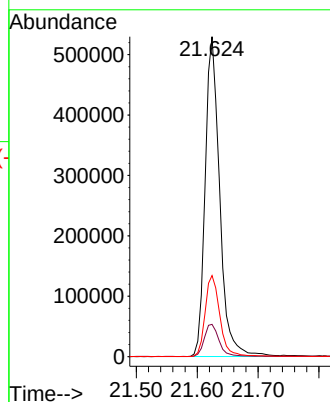
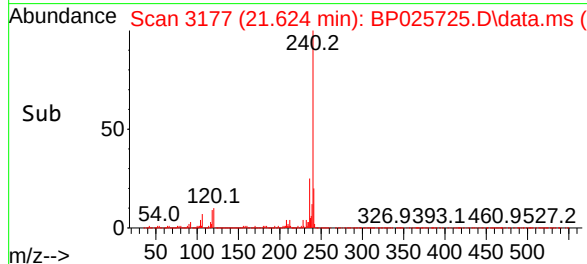
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC2.5



Tgt Ion: 240 Resp: 87843  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.0 12.0  
236 25.3 20.7 31.1

Manual Integrations  
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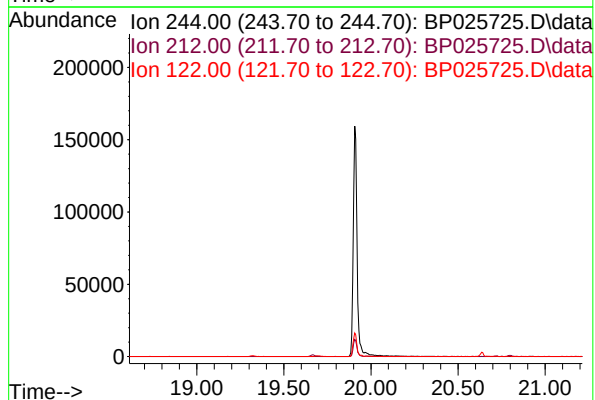
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#79  
Terphenyl-d14  
Concen: 0.000 ng  
Expected RT: 19.91 min

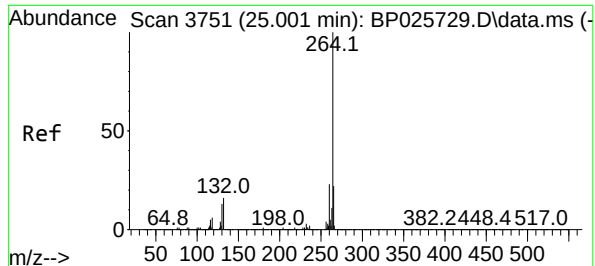
Lab File: BP025725.D  
Acq: 11 Sep 2025 08:56

Tgt Ion: 244  
Sig Exp Ratio  
244 100  
212 7.4  
122 8.9



Ion 212.00 (211.70 to 212.70): BP025725.D\data

Ion 122.00 (121.70 to 122.70): BP025725.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025725.D

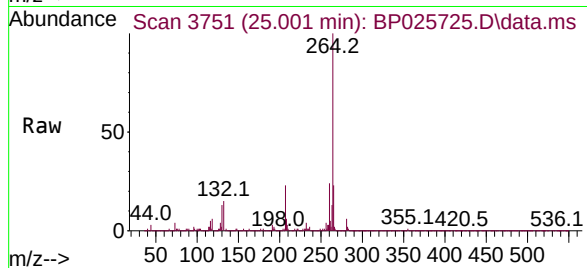
Acq: 11 Sep 2025 08:56

Instrument :

BNA\_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:264 Resp: 947862

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

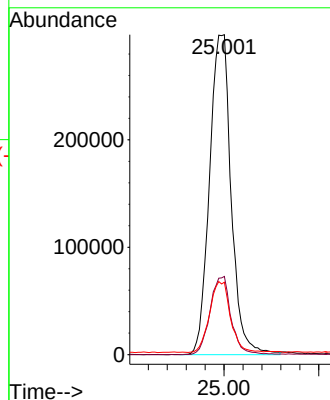
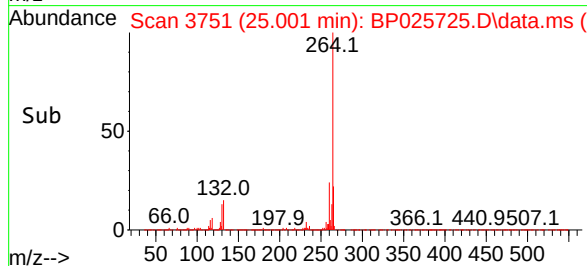
265 22.7 17.3 25.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025726.D  
 Acq On : 11 Sep 2025 09:37  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
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Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.760  | 152  | 118553   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.531 | 136  | 483637   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.372 | 164  | 340469   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.184 | 188  | 730553   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 824671   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 24.995 | 264  | 899115   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.390  | 112  | 67503    | 9.187  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 82479    | 8.446  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.907  | 82   | 100673   | 9.182  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.907 | 330  | 38610    | 9.092  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.990 | 172  | 266136   | 10.408 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.901 | 244  | 466997   | 10.187 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 16745    | 5.430  | ng    | 98       |
| 3) Pyridine                   | 3.714  | 79   | 40793    | 4.804  | ng    | 97       |
| 6) Aniline                    | 7.096  | 93   | 58671    | 4.376  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.337  | 128  | 36433    | 4.520  | ng    | 97       |
| 10) Phenol                    | 6.978  | 94   | 44799    | 4.350  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.184  | 93   | 38920    | 4.704  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 45950    | 5.009  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.796  | 146  | 45935    | 4.916  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.113  | 146  | 45308    | 4.991  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.272  | 45   | 66422    | 4.909  | ng    | 94       |
| 17) 2-Methylphenol            | 8.208  | 107  | 28845    | 4.155  | ng    | 97       |
| 18) Hexachloroethane          | 8.825  | 117  | 17883    | 5.010  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.555  | 70   | 30598    | 4.546  | ng    | 100      |
| 22) Acetophenone              | 8.578  | 105  | 57314    | 4.434  | ng    | # 96     |
| 24) Nitrobenzene              | 8.949  | 77   | 44286    | 4.502  | ng    | 98       |
| 25) Isophorone                | 9.466  | 82   | 89058    | 4.621  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.660  | 139  | 17076    | 3.910  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 9.731  | 122  | 31764    | 4.146  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.954  | 93   | 50074    | 4.495  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.219 | 162  | 32238    | 4.220  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.396 | 180  | 42918    | 4.985  | ng    | 96       |
| 31) Naphthalene               | 10.584 | 128  | 129655   | 4.972  | ng    | 100      |
| 33) 4-Chloroaniline           | 10.707 | 127  | 41517    | 3.820  | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.866 | 225  | 27333    | 4.932  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 11.837 | 107  | 39611    | 4.350  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.190 | 142  | 80091    | 4.782  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 87800    | 4.916  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.566 | 216  | 50181    | 4.864  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.819 | 196  | 28904    | 4.262  | ng    | 95       |
| 44) 2,4,5-Trichlorophenol     | 12.901 | 196  | 31943    | 4.232  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.201 | 154  | 124080   | 4.965  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.248 | 162  | 97044    | 4.932  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.460 | 65   | 26322    | 4.013  | ng    | 95       |
| 49) Acenaphthylene            | 14.095 | 152  | 159767   | 4.900  | ng    | 99       |
| 50) Dimethylphthalate         | 13.831 | 163  | 131492   | 5.059  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 24324    | 4.417  | ng    | # 81     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025726.D  
 Acq On : 11 Sep 2025 09:37  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 52) Acenaphthene              | 14.437 | 154  | 96066    | 5.109 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.301 | 138  | 22660    | 3.913 | ng    | 94       |
| 55) Dibenzofuran              | 14.784 | 168  | 156097   | 5.094 | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.748 | 165  | 32480    | 4.144 | ng    | 90       |
| 58) Fluorene                  | 15.442 | 166  | 126434   | 5.189 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232  | 30771    | 4.525 | ng    | 96       |
| 60) Diethylphthalate          | 15.213 | 149  | 133865   | 5.077 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.437 | 204  | 64305    | 5.236 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.489 | 138  | 21996m   | 3.710 | ng    |          |
| 63) Azobenzene                | 15.737 | 77   | 120979   | 4.745 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.660 | 169  | 108999   | 4.875 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 38933    | 4.851 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 44390    | 4.960 | ng    | 98       |
| 69) Atrazine                  | 16.642 | 200  | 39255    | 4.593 | ng    | 96       |
| 71) Phenanthrene              | 17.225 | 178  | 212489   | 5.127 | ng    | 99       |
| 72) Anthracene                | 17.325 | 178  | 204585   | 4.866 | ng    | 99       |
| 73) Carbazole                 | 17.619 | 167  | 181532   | 4.644 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.195 | 149  | 225100   | 4.692 | ng    | 100      |
| 75) Fluoranthene              | 19.319 | 202  | 253297   | 5.096 | ng    | 100      |
| 78) Pyrene                    | 19.701 | 202  | 269369   | 4.895 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.630 | 149  | 107059   | 4.437 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.607 | 228  | 277557   | 4.916 | ng    | 99       |
| 83) Chrysene                  | 21.683 | 228  | 271250   | 5.040 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 164937   | 4.673 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.801 | 276  | 301229   | 4.607 | ng    | # 89     |
| 88) Benzo(b)fluoranthene      | 23.913 | 252  | 252672   | 4.595 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.983 | 252  | 275940   | 4.918 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.824 | 252  | 254148   | 4.720 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.877 | 278  | 250801   | 4.687 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.983 | 276  | 245079   | 4.657 | ng    | 97       |

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

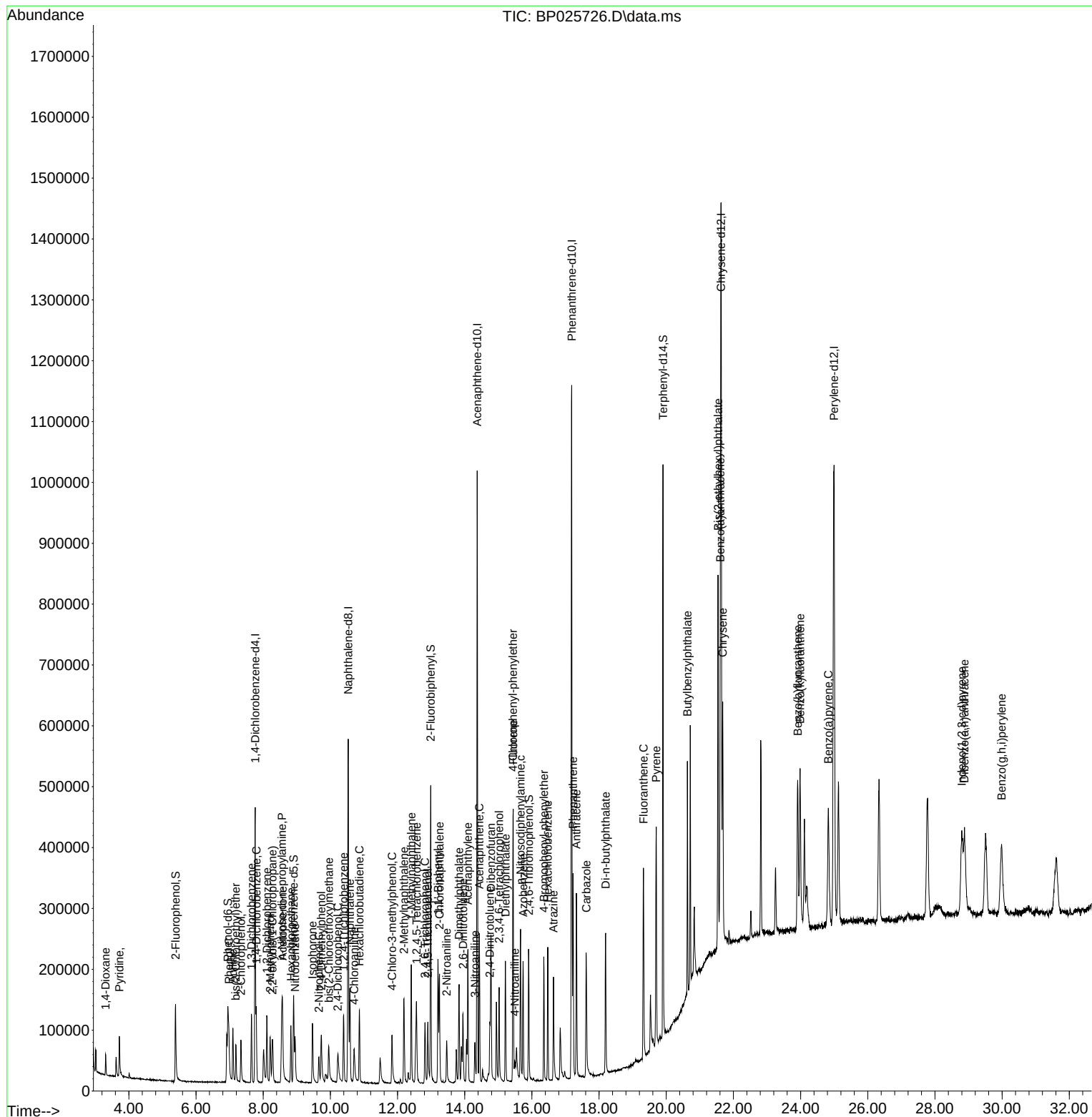
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Data File : BP025726.D  
Acq On : 11 Sep 2025 09:37  
Operator : CG/JU  
Sample : SSTDICC005  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

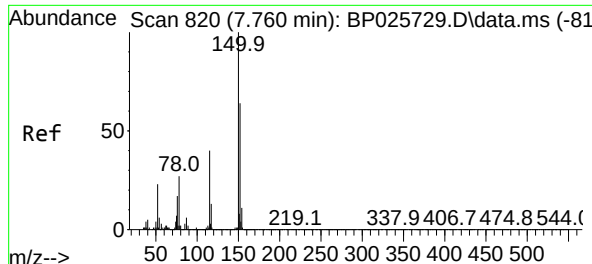
**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC005

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

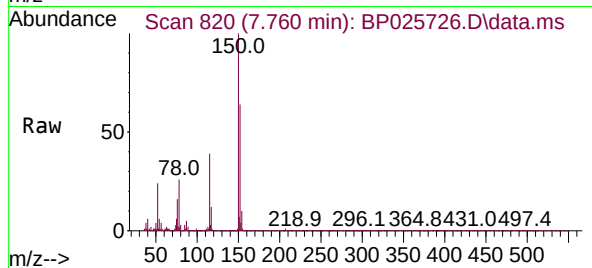
Quant Time: Sep 11 16:19:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:16:10 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.760 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

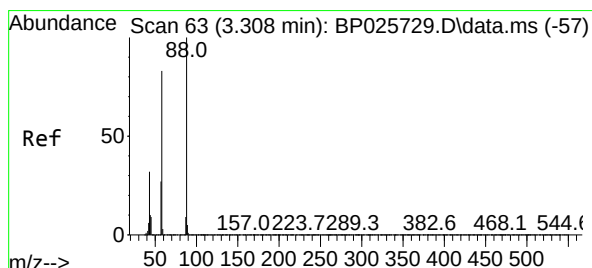
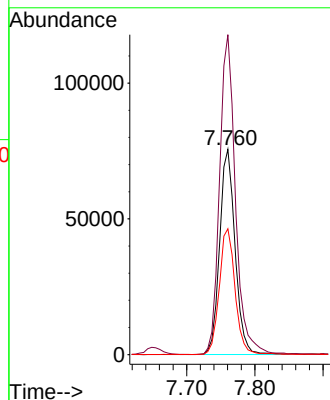
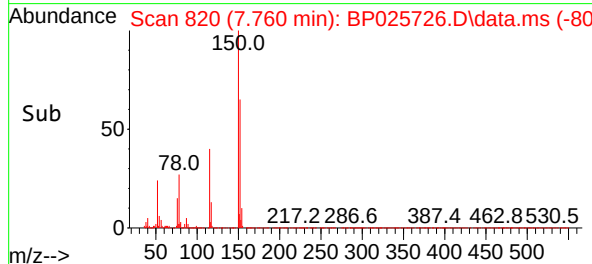
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 152 Resp: 11855  
Ion Ratio Lower Upper  
152 100  
150 156.0 124.3 186.5  
115 61.4 50.3 75.5

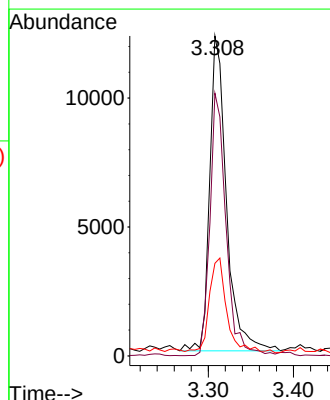
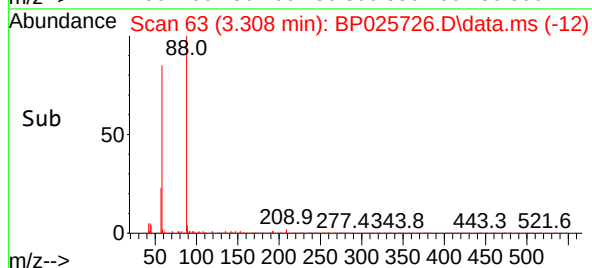
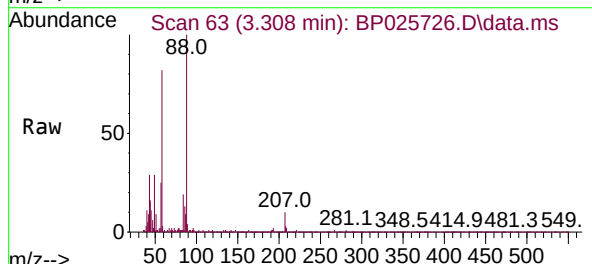
Manual Integrations  
APPROVED

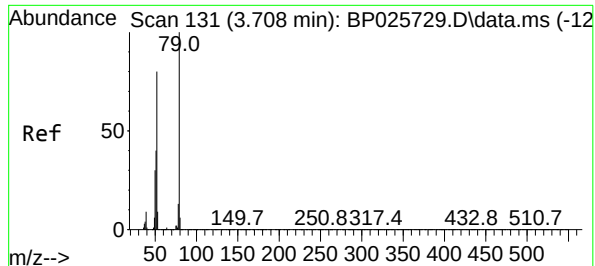
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#2  
1,4-Dioxane  
Concen: 5.430 ng  
RT: 3.308 min Scan# 63  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

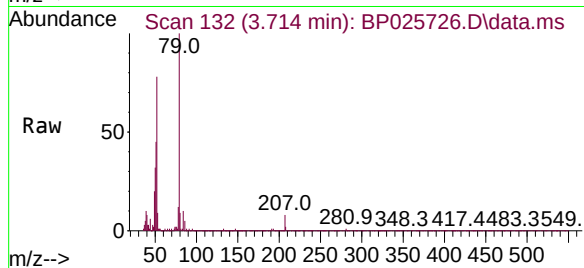
Tgt Ion: 88 Resp: 16745  
Ion Ratio Lower Upper  
88 100  
58 79.8 65.5 98.3  
43 31.5 25.2 37.8





#3  
Pyridine  
Concen: 4.804 ng  
RT: 3.714 min Scan# 131  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

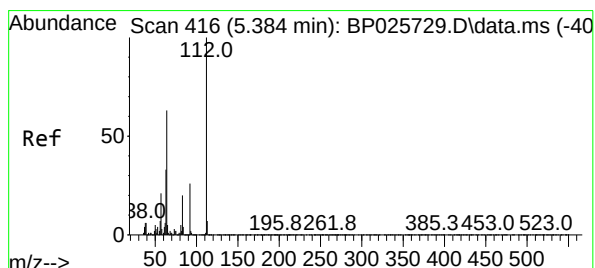
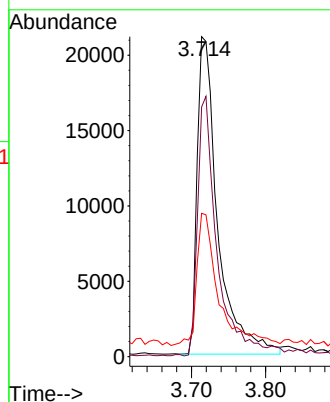
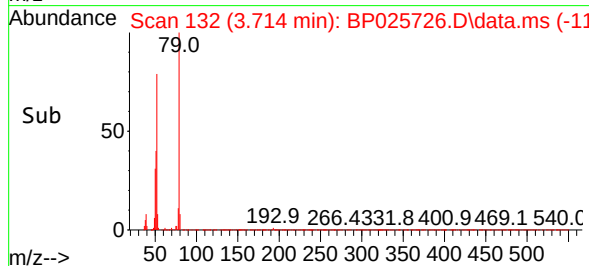
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 79 Resp: 40793  
Ion Ratio Lower Upper  
79 100  
52 78.0 63.7 95.5  
51 44.8 32.4 48.6

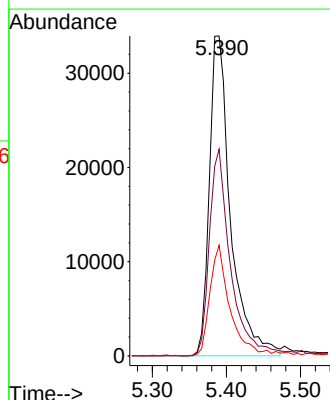
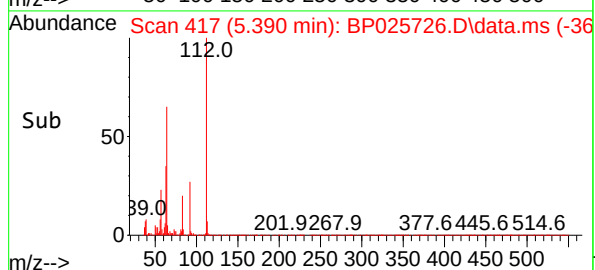
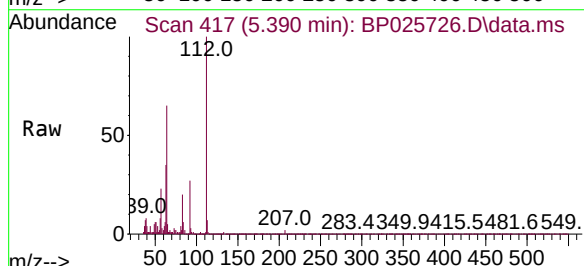
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

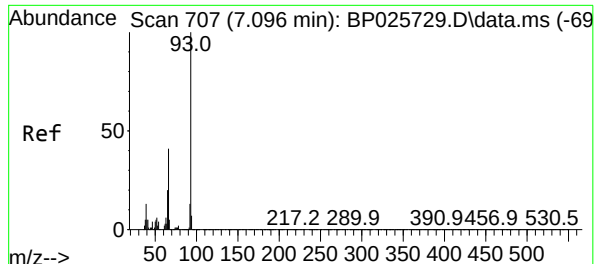


#5  
2-Fluorophenol  
Concen: 9.187 ng  
RT: 5.390 min Scan# 417  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion:112 Resp: 67503  
Ion Ratio Lower Upper  
112 100  
64 64.6 50.2 75.4  
63 34.6 26.7 40.1

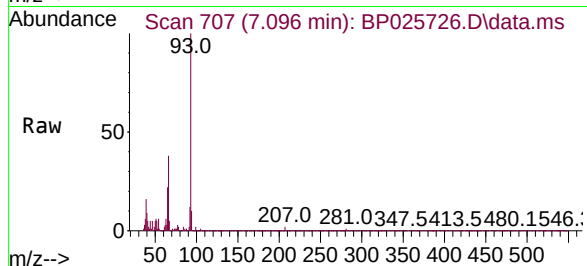






#6  
Aniline  
Concen: 4.376 ng  
RT: 7.096 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

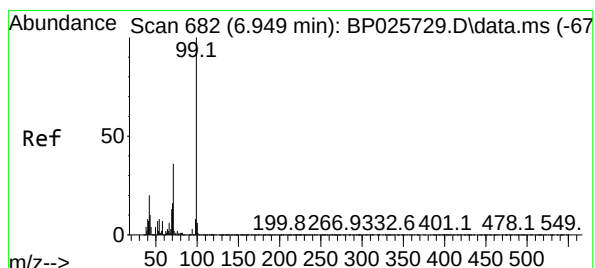
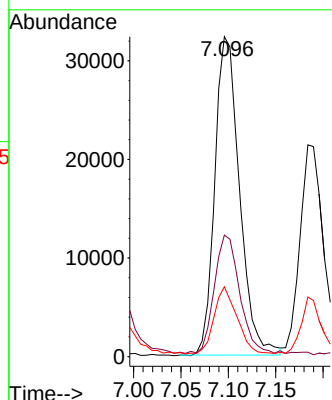
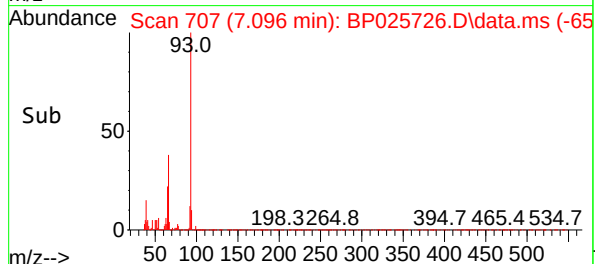
Instrument :  
BNA\_P  
Client Sample Id :  
SSTDICC005



Tgt Ion: 93 Resp: 5867  
Ion Ratio Lower Upper  
93 100  
66 38.0 32.6 49.0  
65 21.8 16.2 24.2

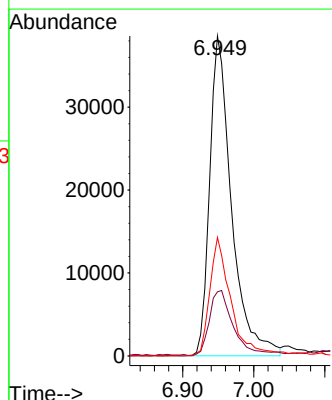
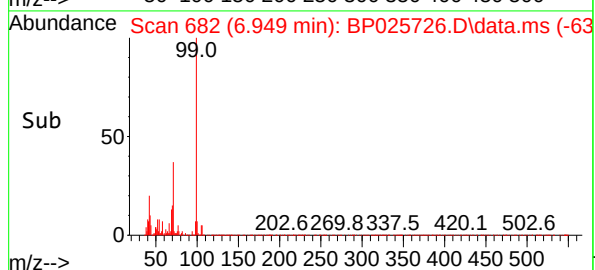
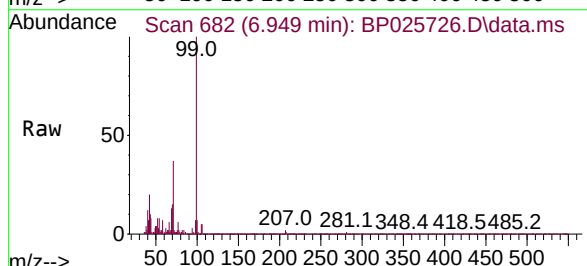
Manual Integrations  
APPROVED

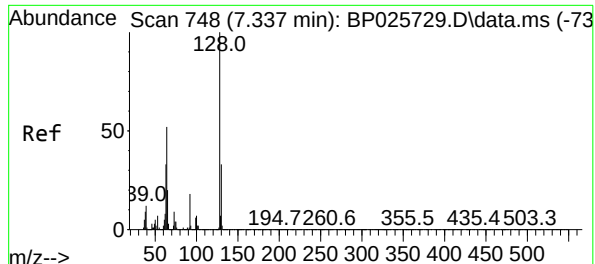
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#7  
Phenol-d6  
Concen: 8.446 ng  
RT: 6.949 min Scan# 682  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

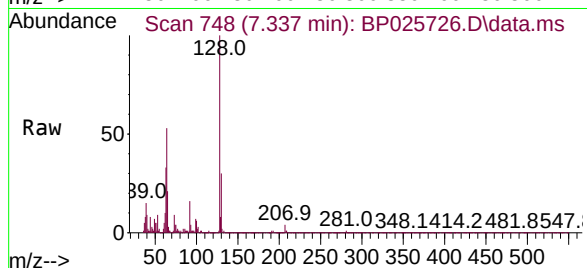
Tgt Ion: 99 Resp: 82479  
Ion Ratio Lower Upper  
99 100  
42 20.0 15.6 23.4  
71 37.0 28.6 43.0





#8  
2-Chlorophenol  
Concen: 4.520 ng  
RT: 7.337 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

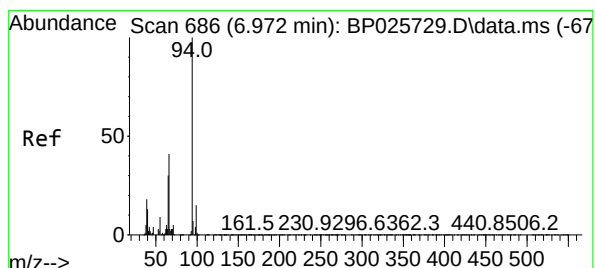
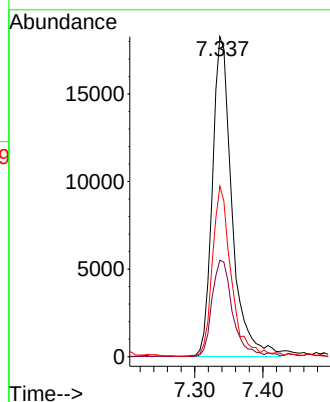
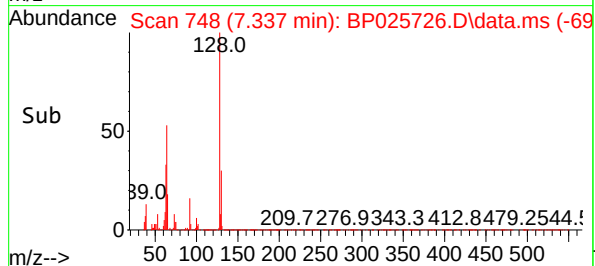
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



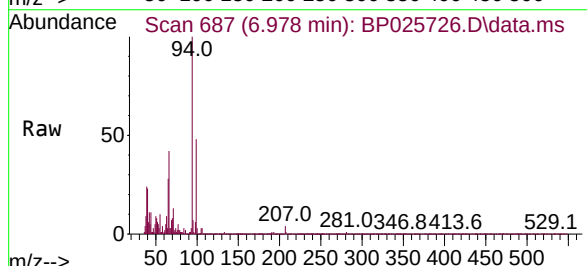
Tgt Ion:128 Resp: 36433  
Ion Ratio Lower Upper  
128 100  
130 30.1 12.6 52.6  
64 53.2 31.6 71.6

Manual Integrations  
APPROVED

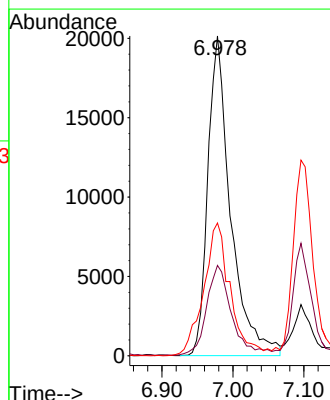
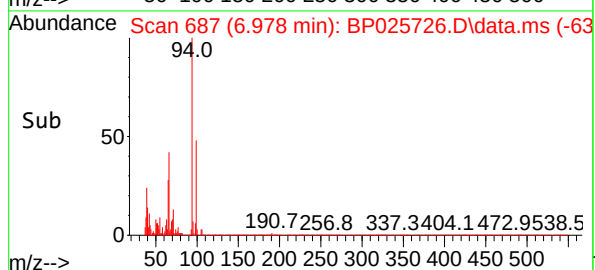
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

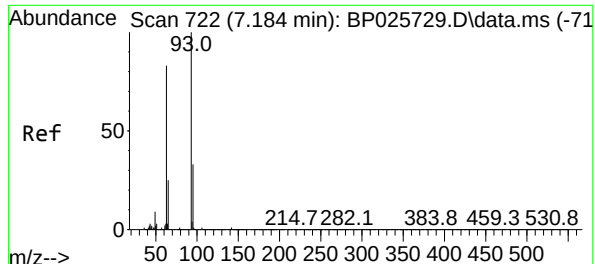


#10  
Phenol  
Concen: 4.350 ng  
RT: 6.978 min Scan# 687  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37



Tgt Ion: 94 Resp: 44799  
Ion Ratio Lower Upper  
94 100  
65 28.3 10.2 50.2  
66 41.5 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 4.704 ng

RT: 7.184 min Scan# 722

Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA\_P

ClientSampleId :

SSTDICC005

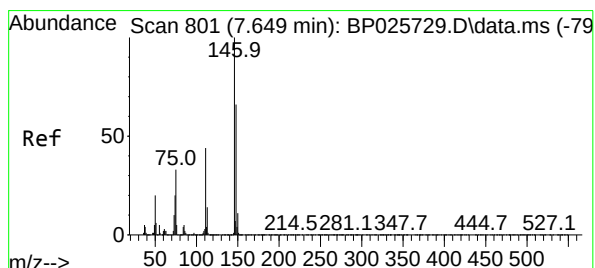
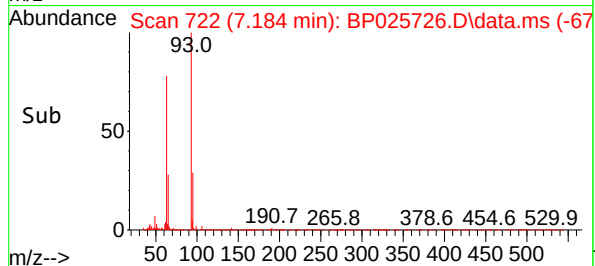
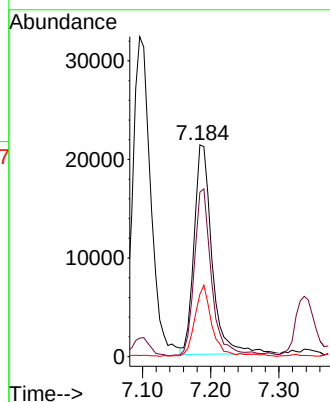
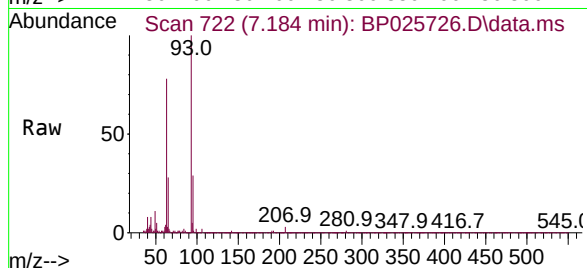
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 38920 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 77.6  | 62.6  | 102.6 |
| 95       | 29.4  | 13.2  | 53.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 5.009 ng

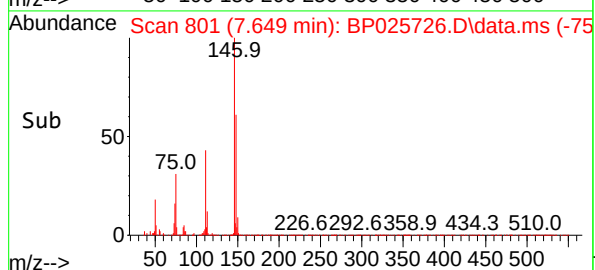
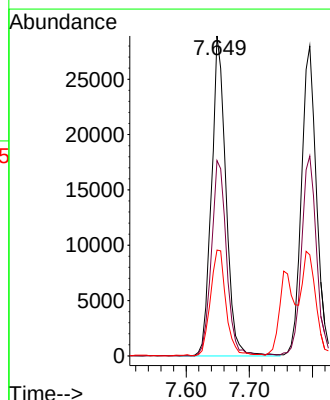
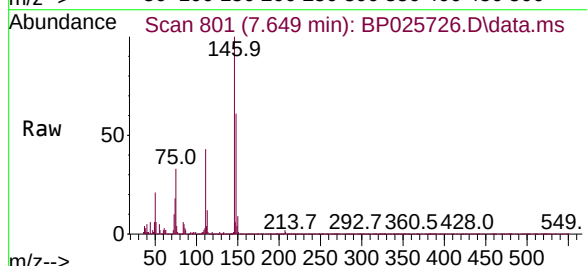
RT: 7.649 min Scan# 801

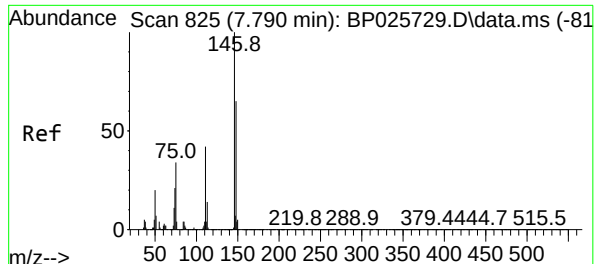
Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

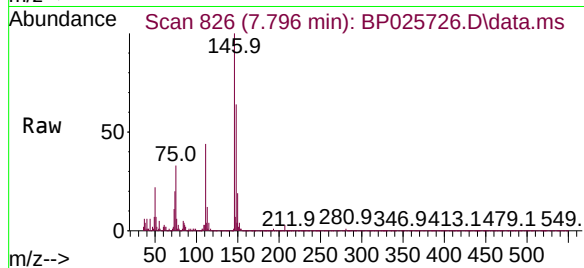
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 45950 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 61.0  | 52.7  | 79.1  |
| 75       | 33.1  | 26.4  | 39.6  |





#13  
1,4-Dichlorobenzene  
Concen: 4.916 ng  
RT: 7.796 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

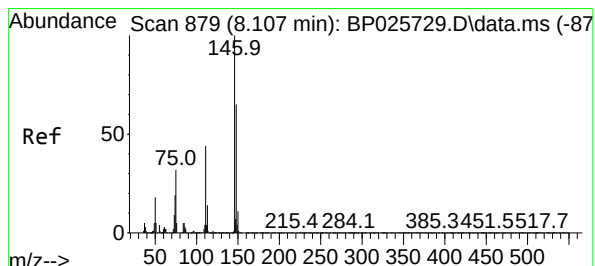
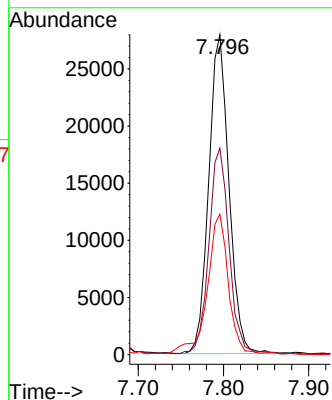
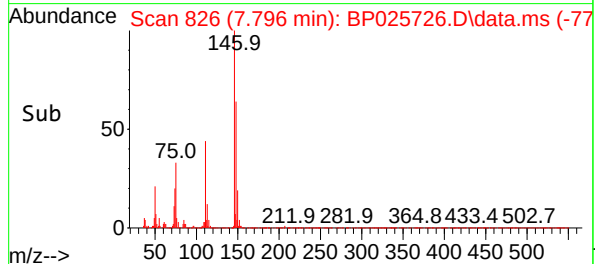
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:146 Resp: 45935  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.0 78.0  
111 43.9 33.9 50.9

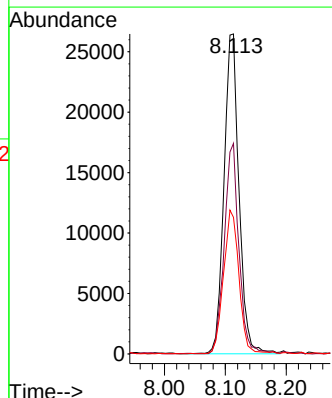
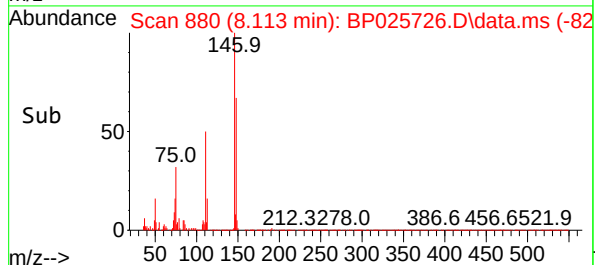
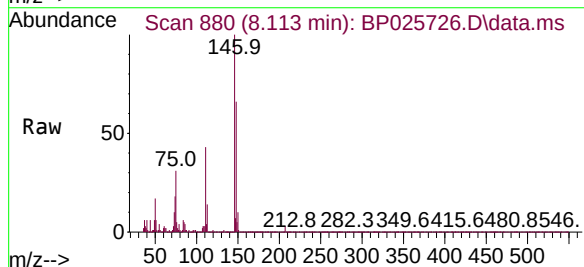
Manual Integrations  
APPROVED

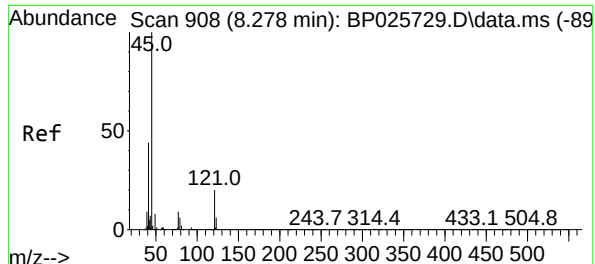
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#14  
1,2-Dichlorobenzene  
Concen: 4.991 ng  
RT: 8.113 min Scan# 880  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion:146 Resp: 45308  
Ion Ratio Lower Upper  
146 100  
148 65.8 51.7 77.5  
111 42.7 35.5 53.3





#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.909 ng  
RT: 8.272 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Instrument :

BNA\_P

Client SampleId :

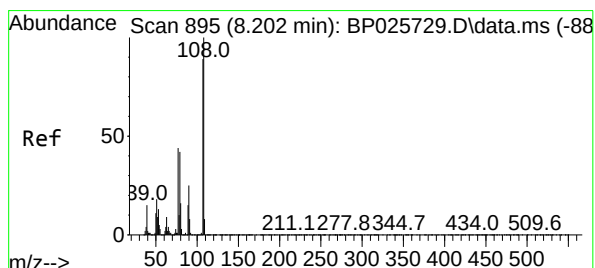
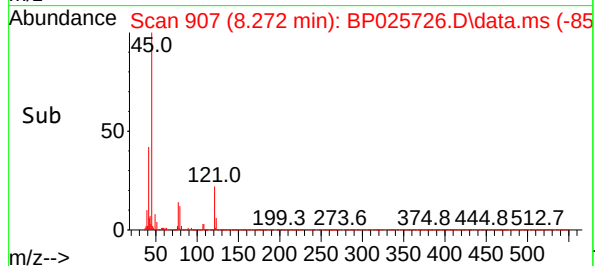
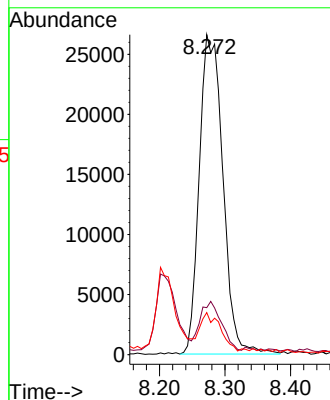
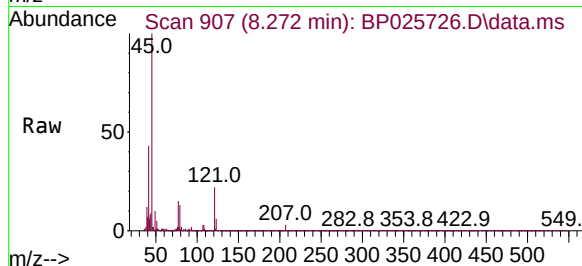
SSTDICC005

| Tgt Ion:  | 45    | Resp: | 6642 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 45        | 100   |       |      |
| 77        | 14.7  | 0.0   | 33.1 |
| 79        | 13.1  | 0.0   | 30.0 |

Manual Integrations

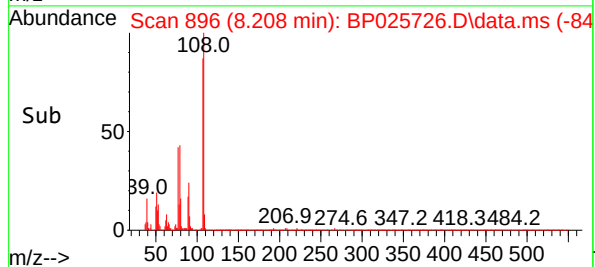
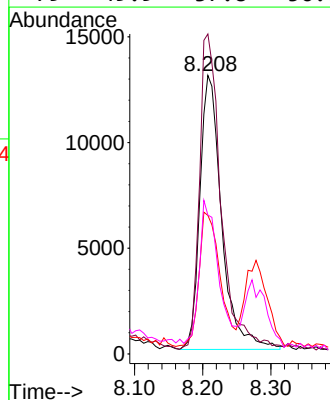
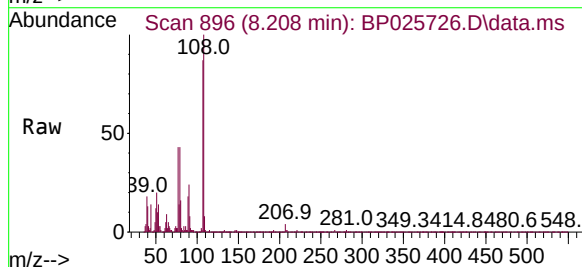
APPROVED

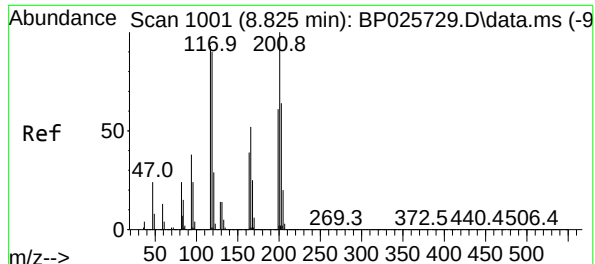
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#17  
2-Methylphenol  
Concen: 4.155 ng  
RT: 8.208 min Scan# 896  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

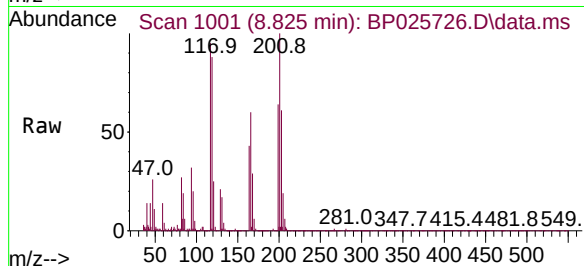
| Tgt Ion:  | 107   | Resp: | 28845 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 114.9 | 89.6  | 134.4 |
| 77        | 49.7  | 39.3  | 58.9  |
| 79        | 49.9  | 37.8  | 56.6  |





#18  
Hexachloroethane  
Concen: 5.010 ng  
RT: 8.825 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

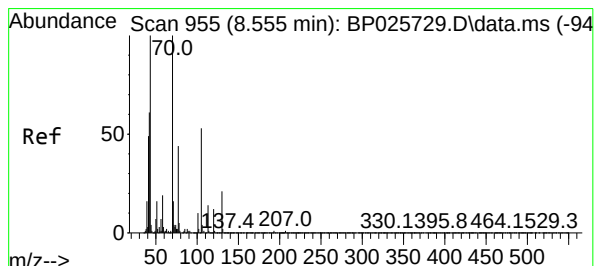
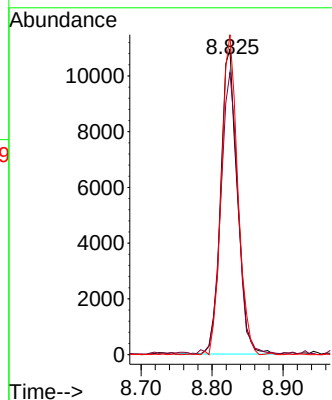
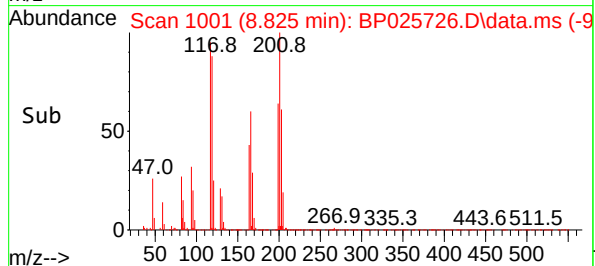
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 117 Resp: 17883  
Ion Ratio Lower Upper  
117 100  
119 92.4 77.1 115.7  
201 106.9 85.6 128.4

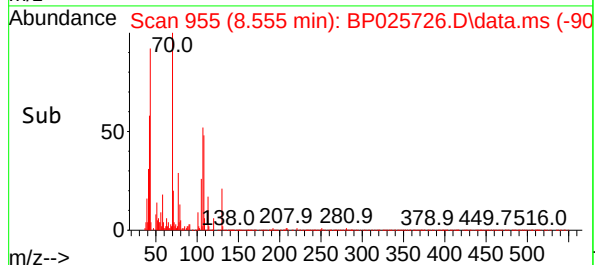
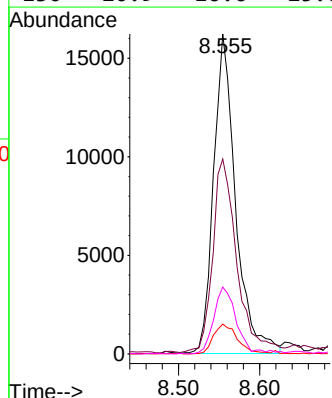
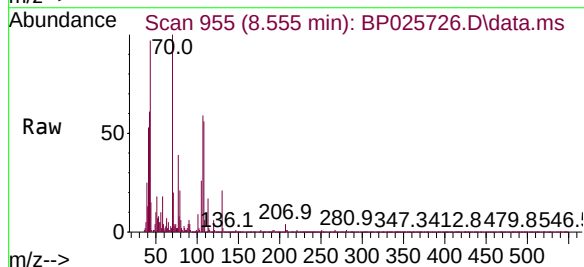
Manual Integrations  
APPROVED

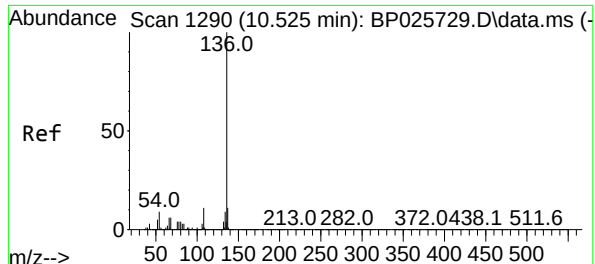
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#19  
n-Nitroso-di-n-propylamine  
Concen: 4.546 ng  
RT: 8.555 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion: 70 Resp: 30598  
Ion Ratio Lower Upper  
70 100  
42 60.9 49.0 73.4  
101 9.3 7.9 11.9  
130 20.9 16.6 25.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.531 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA\_P

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 48363

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.1 7.5 11.3

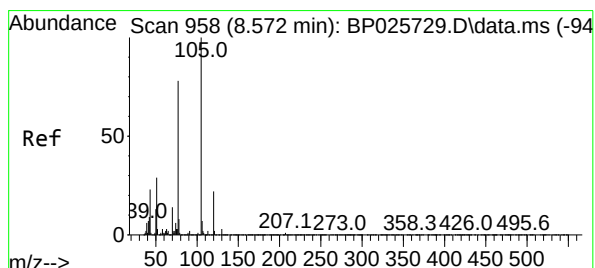
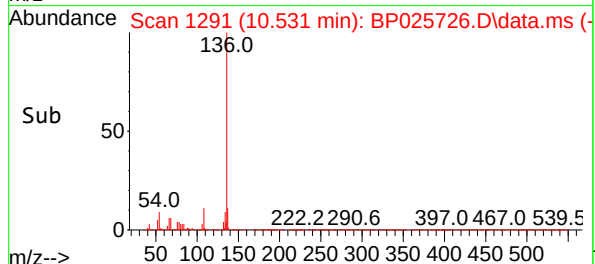
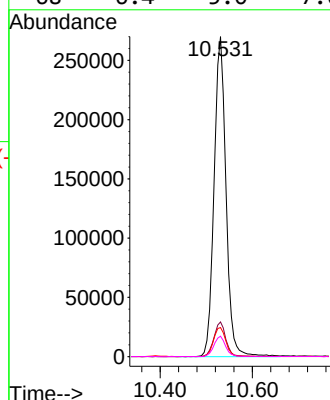
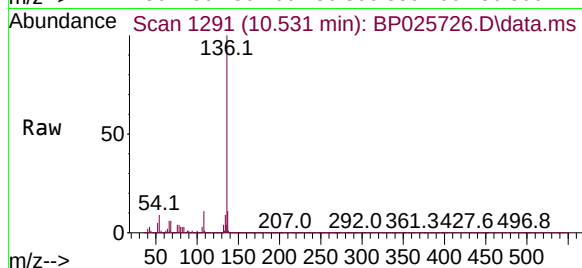
68 6.4 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 4.434 ng

RT: 8.578 min Scan# 959

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:105 Resp: 57314

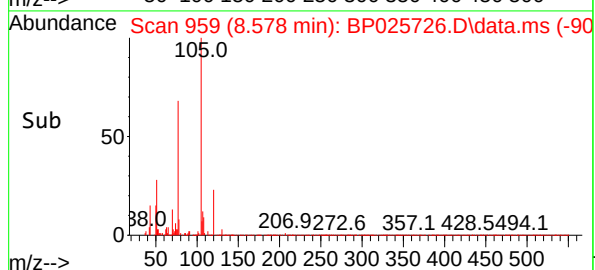
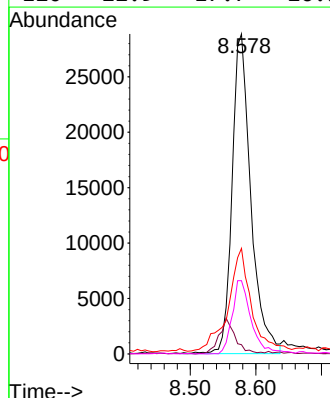
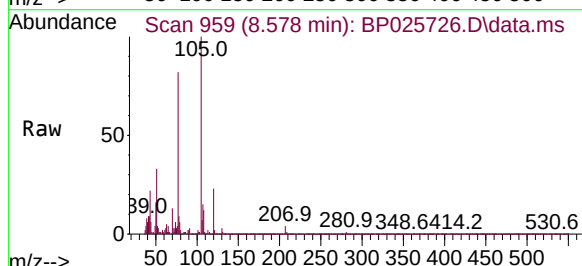
Ion Ratio Lower Upper

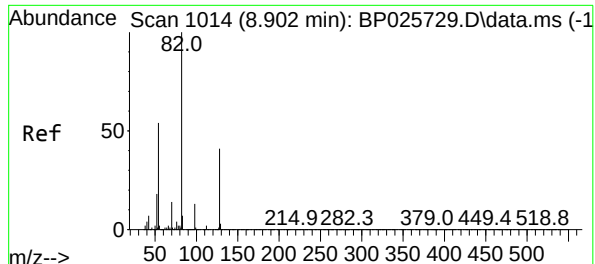
105 100

71 2.9 1.8 2.8

51 33.0 23.5 35.3

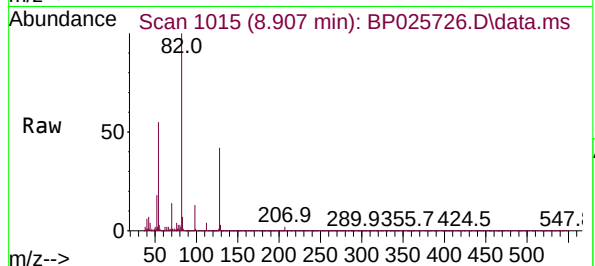
120 22.9 17.7 26.5





#23  
Nitrobenzene-d5  
Concen: 9.182 ng  
RT: 8.907 min Scan# 1015  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

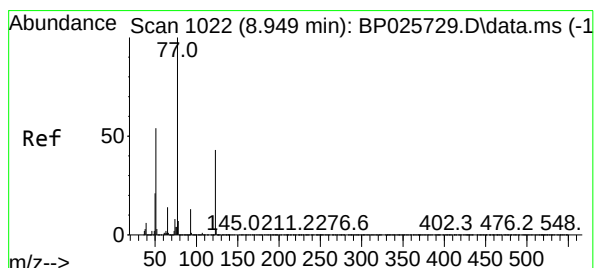
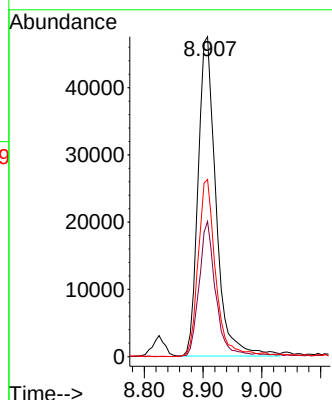
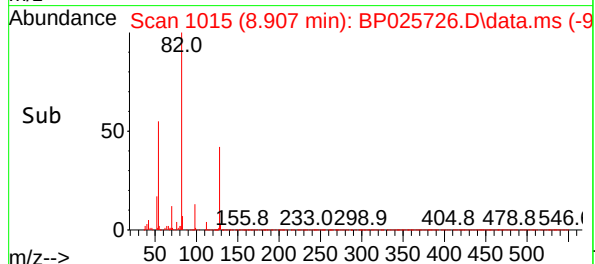
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 82 Resp: 100673  
Ion Ratio Lower Upper  
82 100  
128 42.2 32.9 49.3  
54 55.4 43.4 65.2

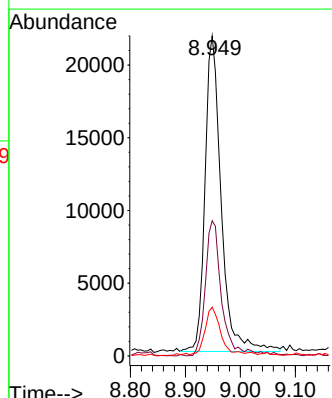
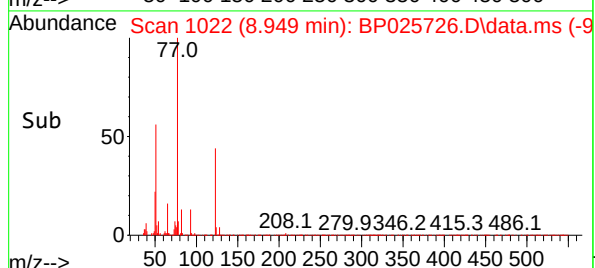
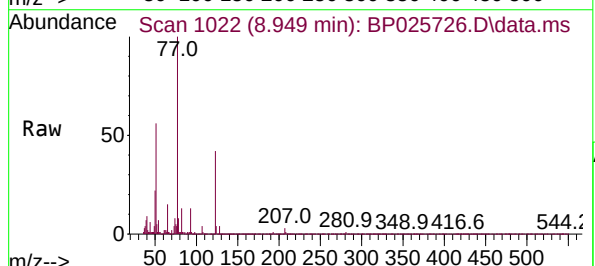
Manual Integrations  
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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

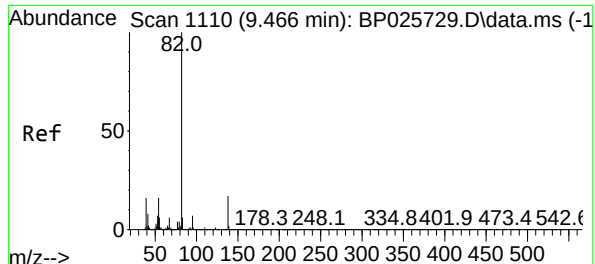


#24  
Nitrobenzene  
Concen: 4.502 ng  
RT: 8.949 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion: 77 Resp: 44286  
Ion Ratio Lower Upper  
77 100  
123 42.2 34.4 51.6  
65 15.2 10.8 16.2

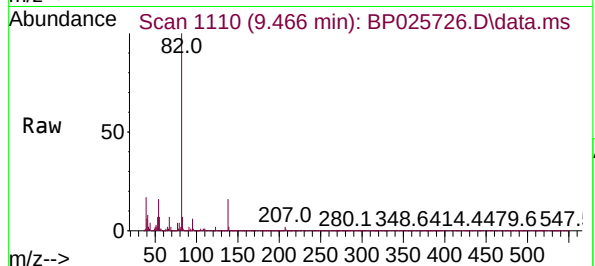






#25  
Isophorone  
Concen: 4.621 ng  
RT: 9.466 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

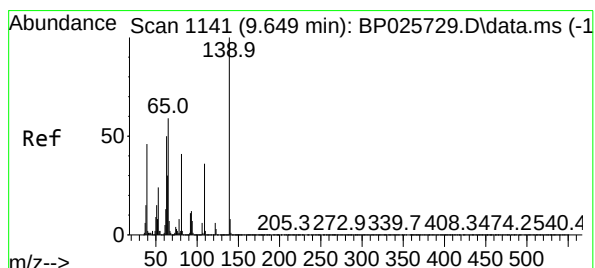
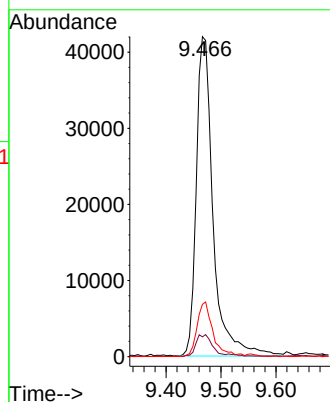
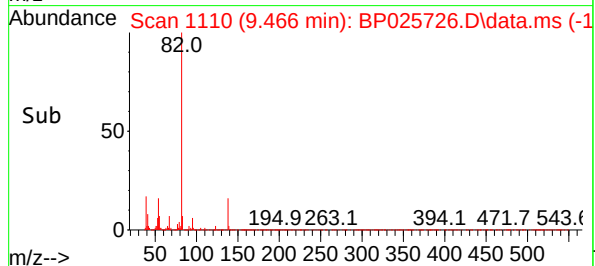
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 82 Resp: 89058  
Ion Ratio Lower Upper  
82 100  
95 6.2 5.8 8.8  
138 16.3 13.5 20.3

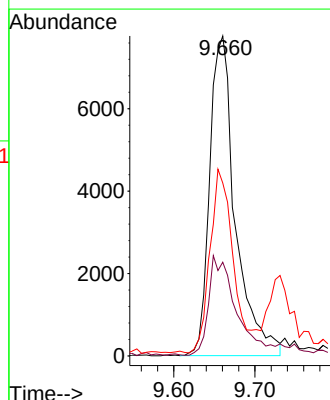
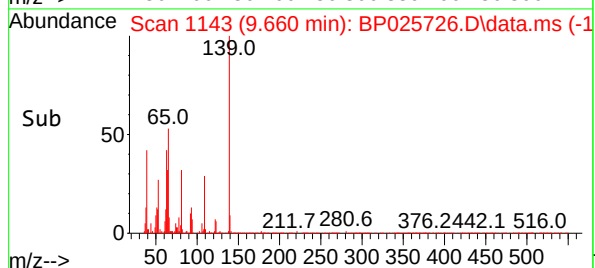
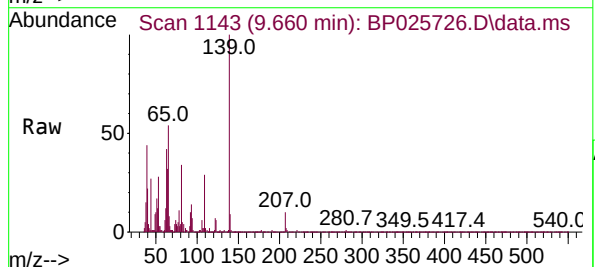
Manual Integrations  
APPROVED

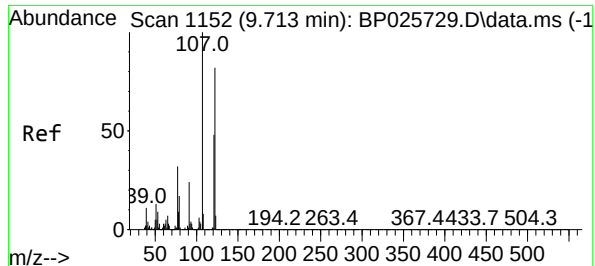
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#26  
2-Nitrophenol  
Concen: 3.910 ng  
RT: 9.660 min Scan# 1143  
Delta R.T. 0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

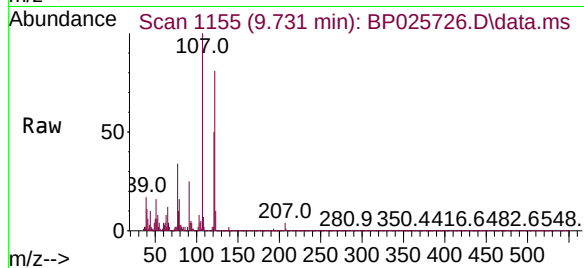
Tgt Ion:139 Resp: 17076  
Ion Ratio Lower Upper  
139 100  
109 29.3 29.0 43.4  
65 54.0 46.9 70.3





#27  
2,4-Dimethylphenol  
Concen: 4.146 ng  
RT: 9.731 min Scan# 1152  
Delta R.T. 0.018 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

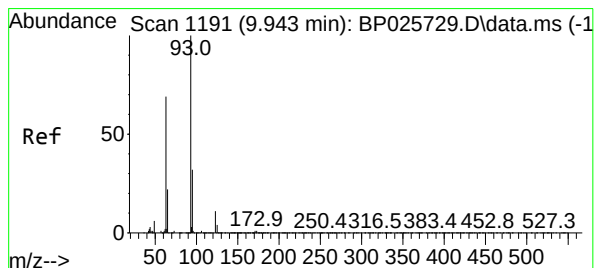
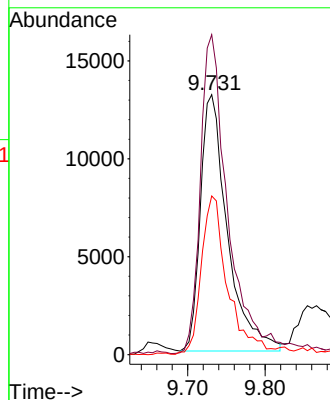
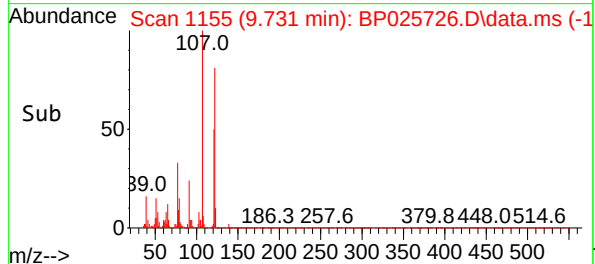
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 122 Resp: 31764  
Ion Ratio Lower Upper  
122 100  
107 123.1 97.9 146.9  
121 61.0 47.4 71.0

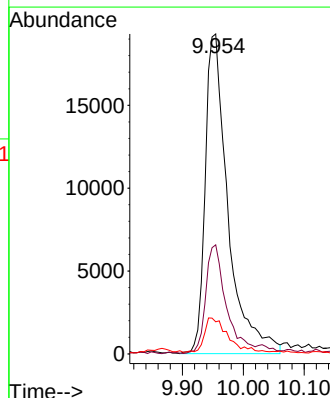
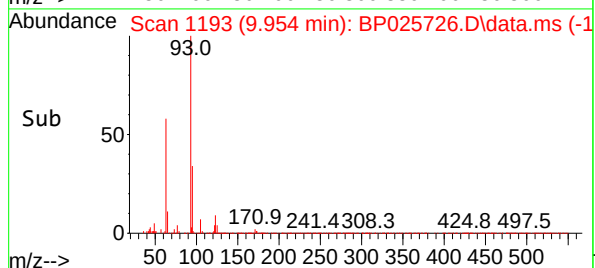
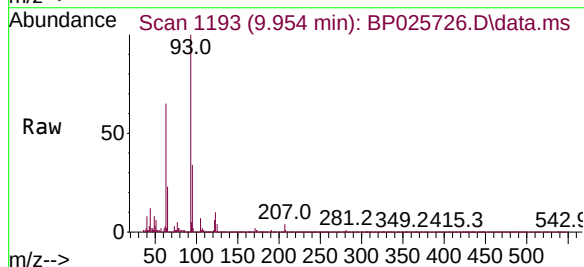
Manual Integrations  
APPROVED

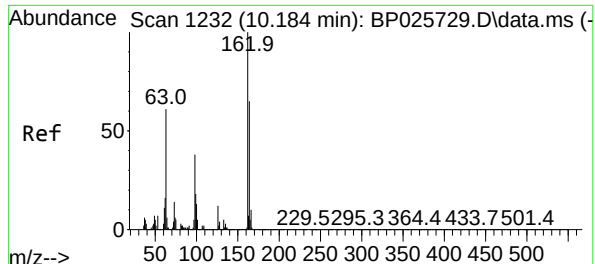
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 4.495 ng  
RT: 9.954 min Scan# 1193  
Delta R.T. 0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion: 93 Resp: 50074  
Ion Ratio Lower Upper  
93 100  
95 34.1 25.6 38.4  
123 10.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 4.220 ng

RT: 10.219 min Scan# 1238

Delta R.T. 0.035 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA\_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 32238

Ion Ratio Lower Upper

162 100

164 61.9 44.7 84.7

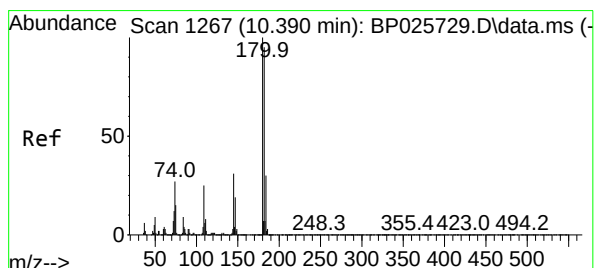
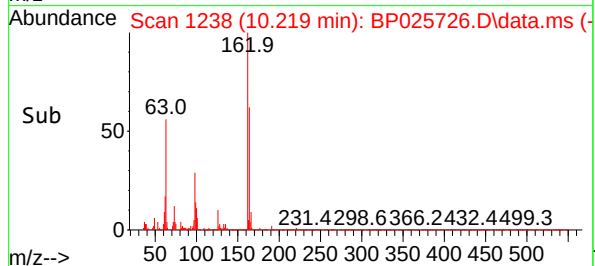
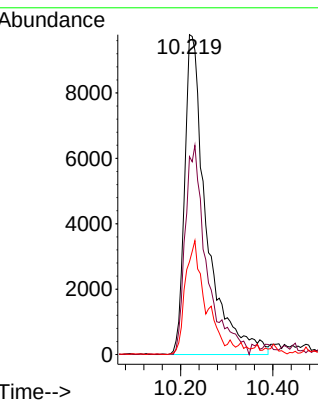
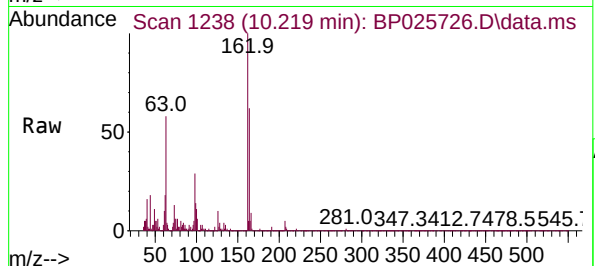
98 29.0 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.985 ng

RT: 10.396 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

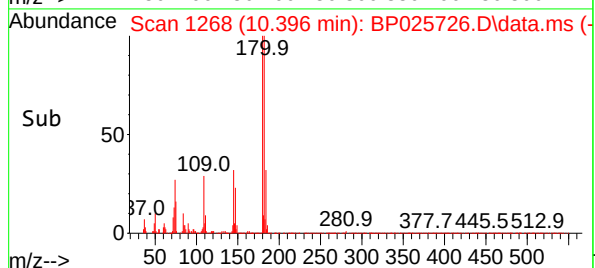
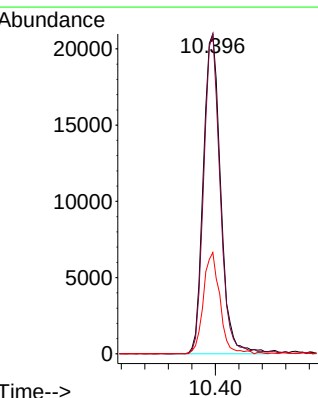
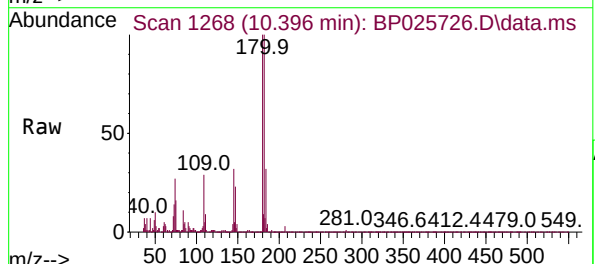
Tgt Ion:180 Resp: 42918

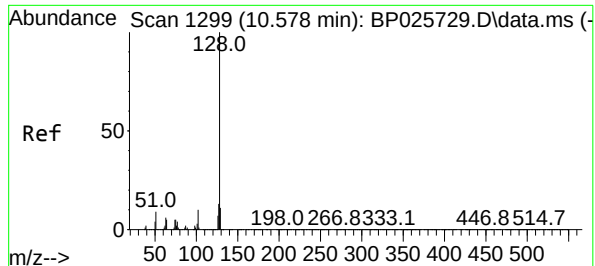
Ion Ratio Lower Upper

180 100

182 99.9 76.0 114.0

145 31.7 24.7 37.1





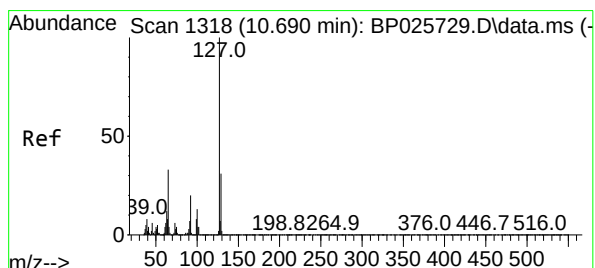
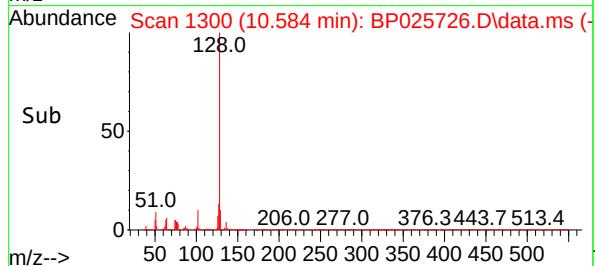
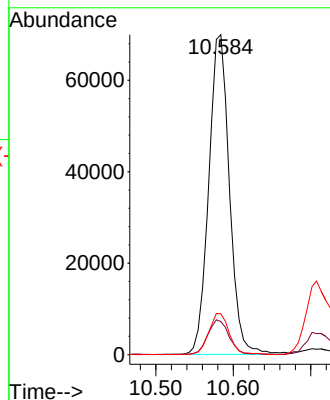
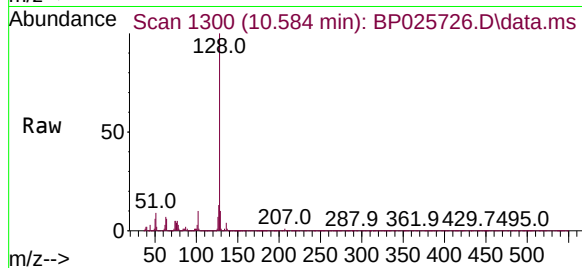
#31  
Naphthalene  
Concen: 4.972 ng  
RT: 10.584 min Scan# 1300  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005

Tgt Ion:128 Resp: 129655  
Ion Ratio Lower Upper  
128 100  
129 10.3 8.6 12.8  
127 12.8 10.2 15.4

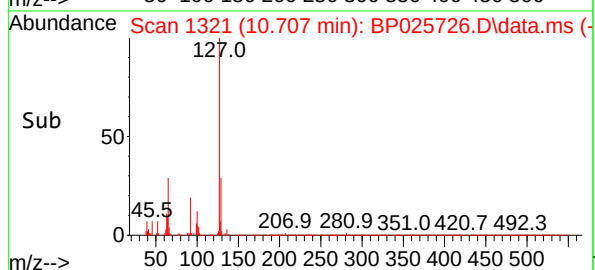
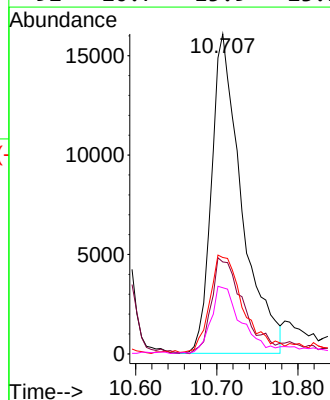
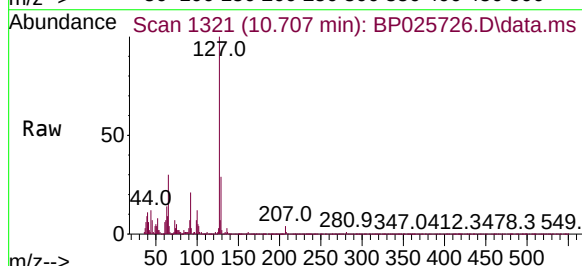
Manual Integrations  
APPROVED

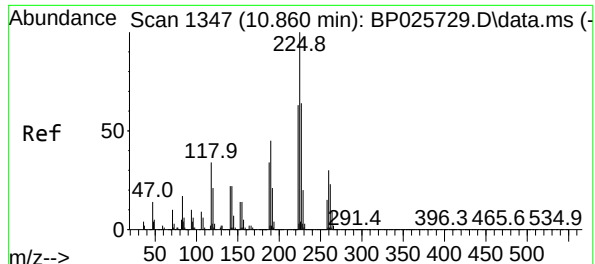
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#33  
4-Chloroaniline  
Concen: 3.820 ng  
RT: 10.707 min Scan# 1321  
Delta R.T. 0.018 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

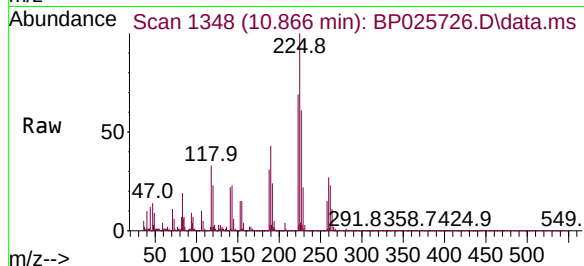
Tgt Ion:127 Resp: 41517  
Ion Ratio Lower Upper  
127 100  
129 28.7 25.1 37.7  
65 30.1 26.4 39.6  
92 20.7 15.9 23.9





#34  
Hexachlorobutadiene  
Concen: 4.932 ng  
RT: 10.866 min Scan# 1347  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

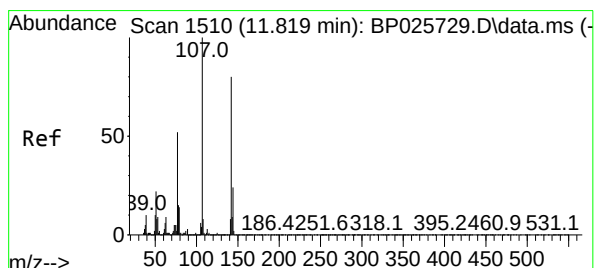
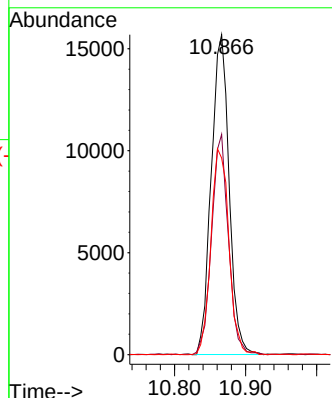
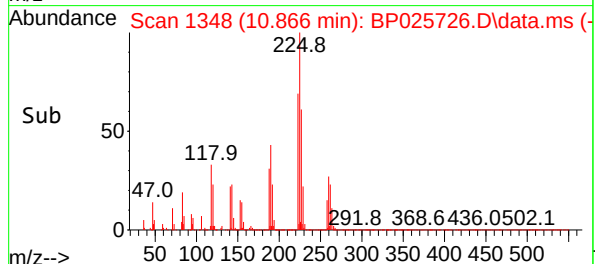
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 225 Resp: 2733  
Ion Ratio Lower Upper  
225 100  
223 68.8 50.1 75.1  
227 61.4 51.2 76.8

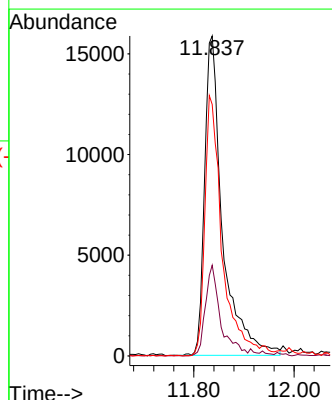
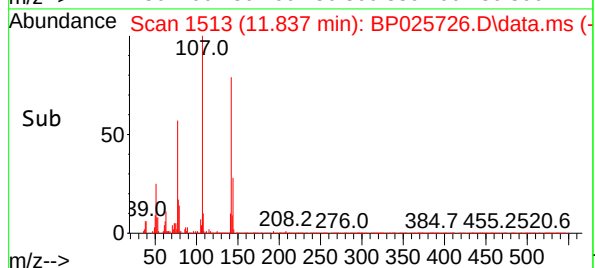
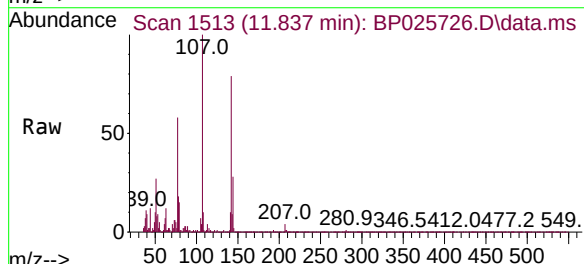
Manual Integrations  
APPROVED

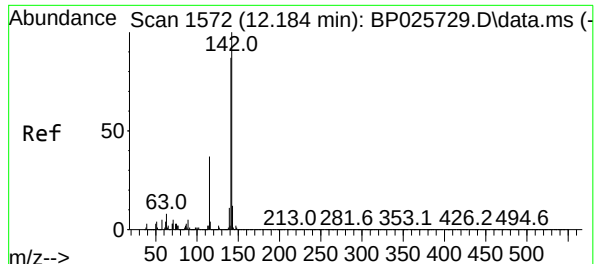
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#36  
4-Chloro-3-methylphenol  
Concen: 4.350 ng  
RT: 11.837 min Scan# 1513  
Delta R.T. 0.018 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion: 107 Resp: 39611  
Ion Ratio Lower Upper  
107 100  
144 28.3 19.4 29.2  
142 78.6 63.8 95.6





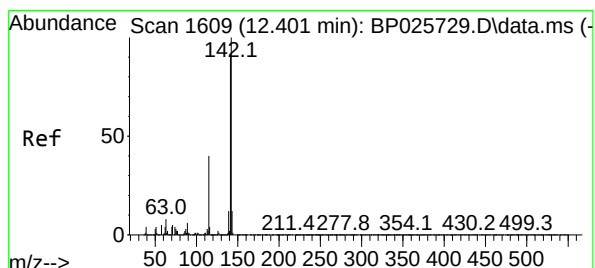
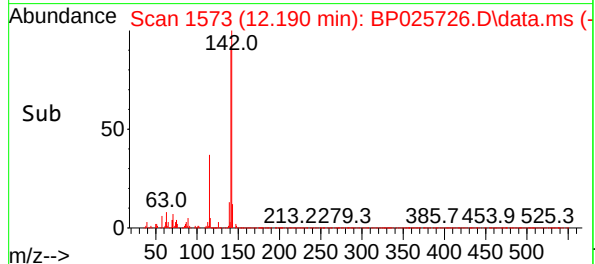
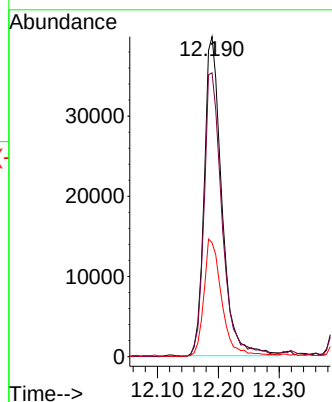
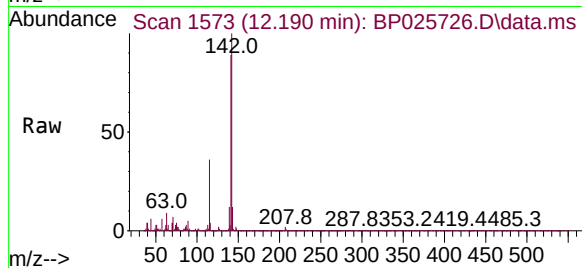
#37  
2-Methylnaphthalene  
Concen: 4.782 ng  
RT: 12.190 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005

Tgt Ion:142 Resp: 80091  
Ion Ratio Lower Upper  
142 100  
141 88.7 69.6 104.4  
115 35.6 30.0 45.0

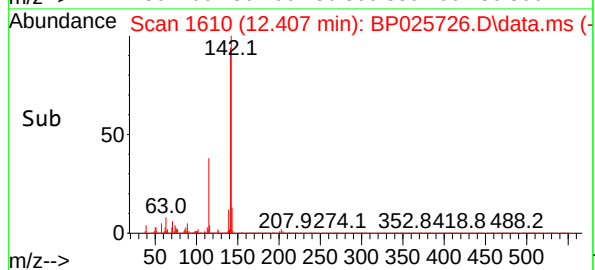
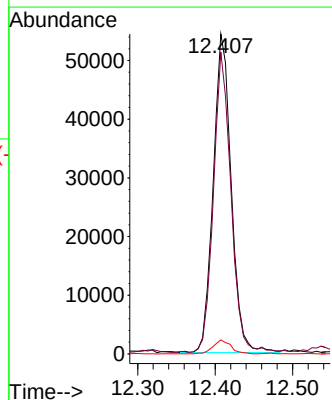
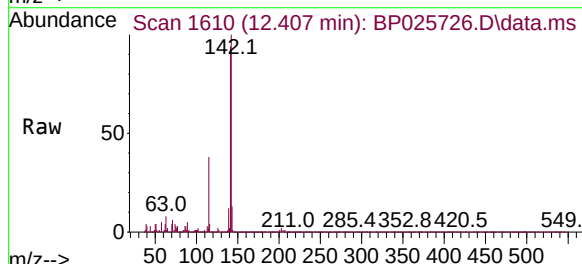
Manual Integrations  
APPROVED

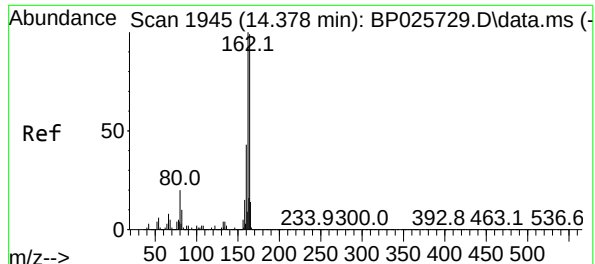
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#38  
1-Methylnaphthalene  
Concen: 4.916 ng  
RT: 12.407 min Scan# 1610  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion:142 Resp: 87800  
Ion Ratio Lower Upper  
142 100  
141 94.3 72.7 109.1  
116 4.4 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA\_P

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 340469

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

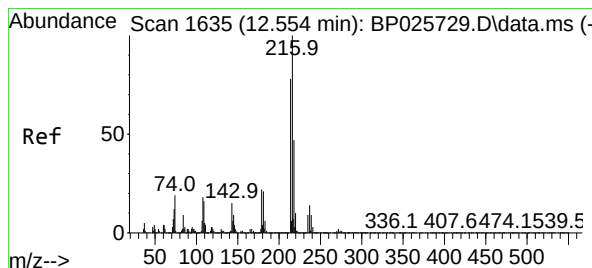
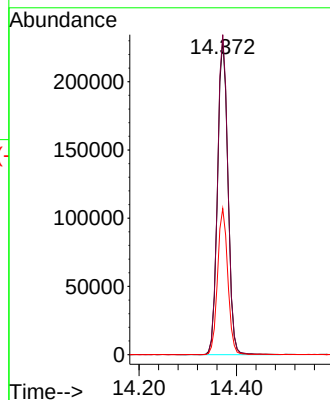
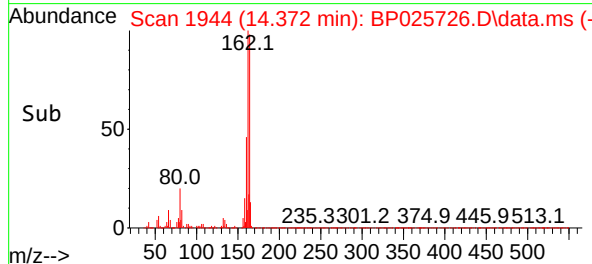
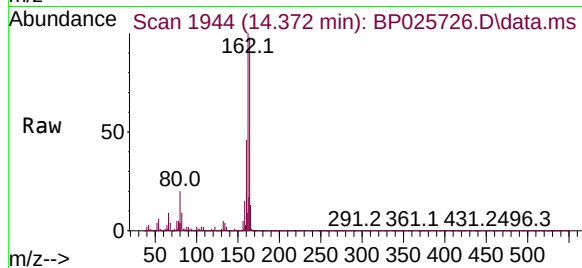
160 46.3 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.864 ng

RT: 12.566 min Scan# 1637

Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:216 Resp: 50181

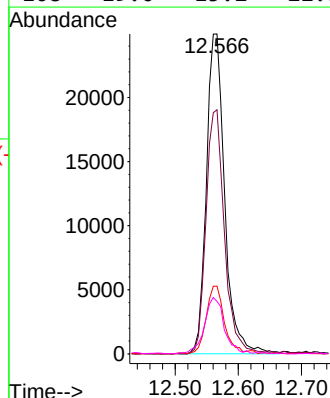
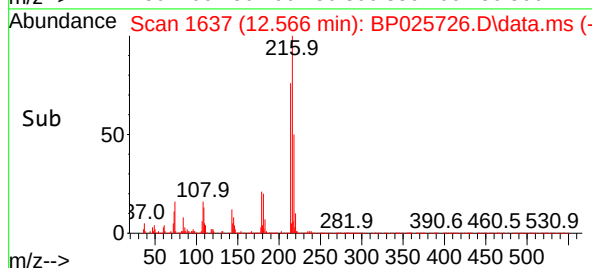
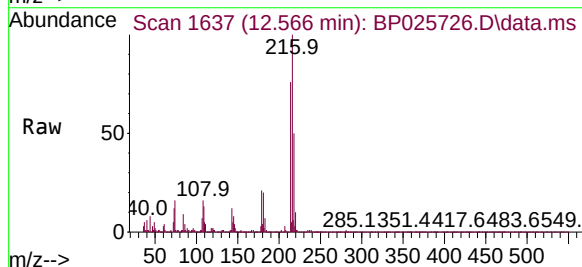
Ion Ratio Lower Upper

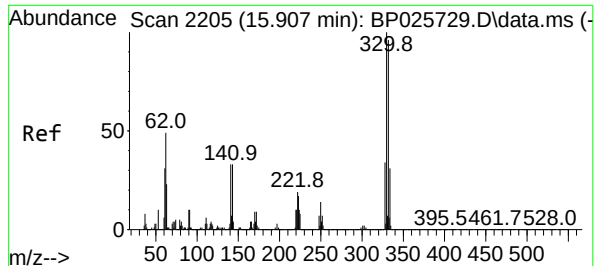
216 100

214 76.7 62.4 93.6

179 20.8 17.0 25.6

108 19.0 15.2 22.8





#42

2,4,6-Tribromophenol

Concen: 9.092 ng

RT: 15.907 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA\_P

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 38610

Ion Ratio Lower Upper

330 100

332 97.7 76.9 115.3

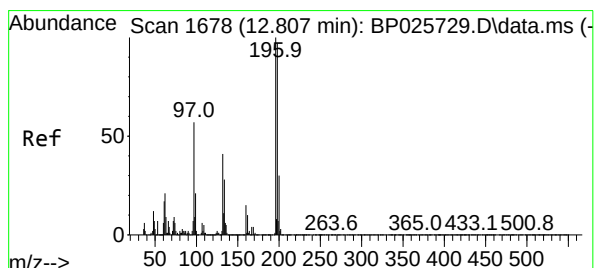
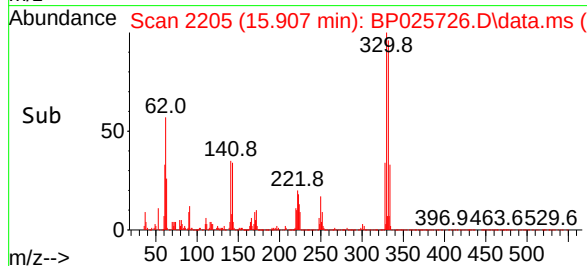
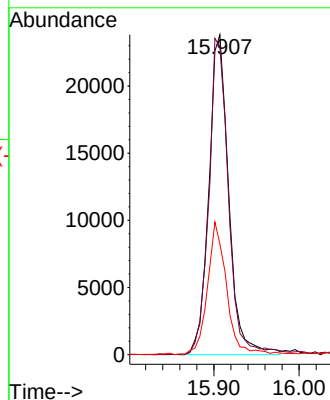
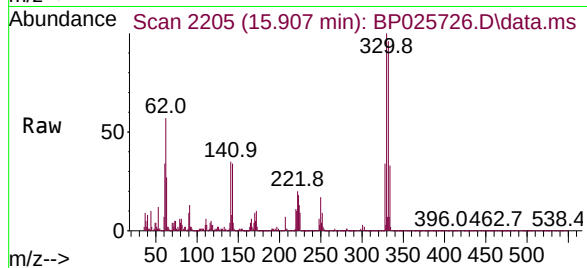
141 39.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#43

2,4,6-Trichlorophenol

Concen: 4.262 ng

RT: 12.819 min Scan# 1680

Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

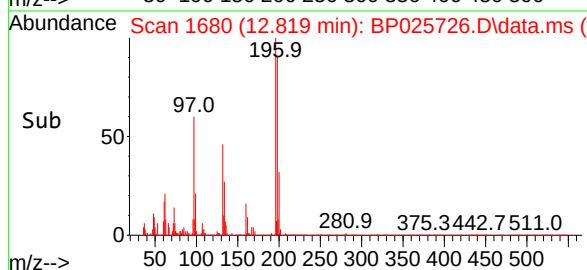
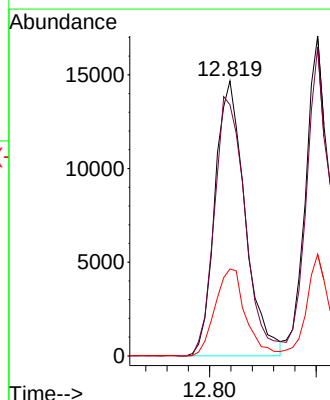
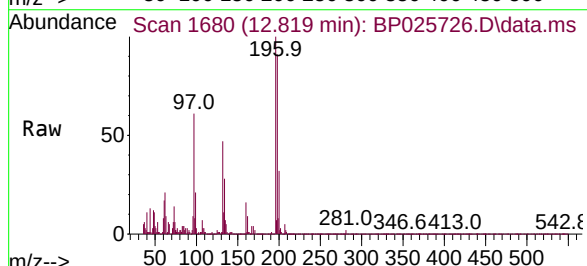
Tgt Ion:196 Resp: 28904

Ion Ratio Lower Upper

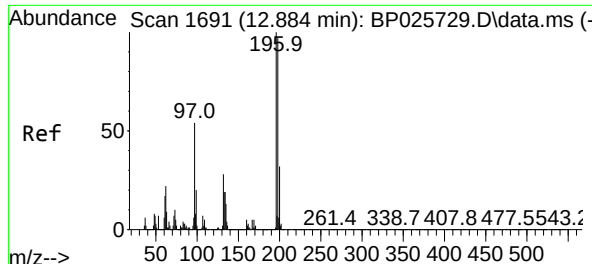
196 100

198 91.3 77.2 115.8

200 31.6 24.2 36.2







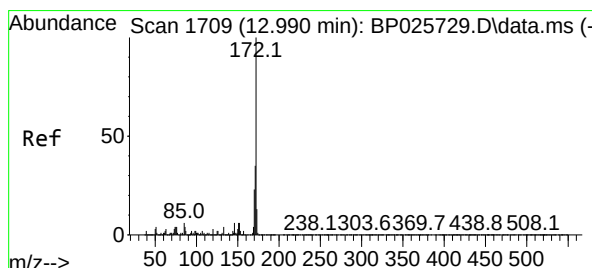
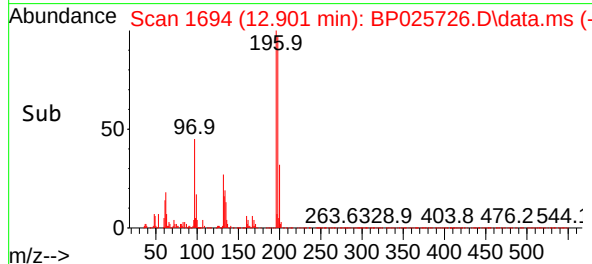
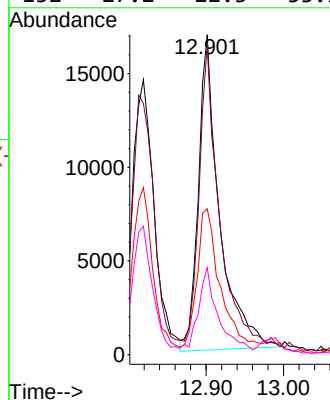
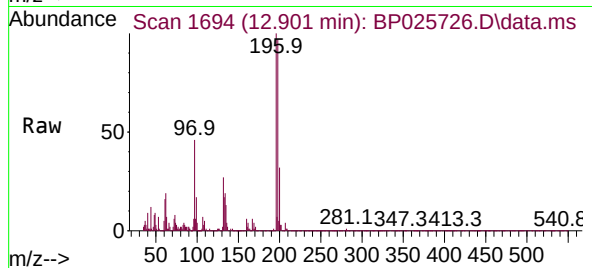
#44  
2,4,5-Trichlorophenol  
Concen: 4.232 ng  
RT: 12.901 min Scan# 1691  
Delta R.T. 0.018 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.5  | 77.8  | 116.8 |
| 97      | 45.6  | 43.3  | 64.9  |
| 132     | 27.2  | 22.3  | 33.5  |

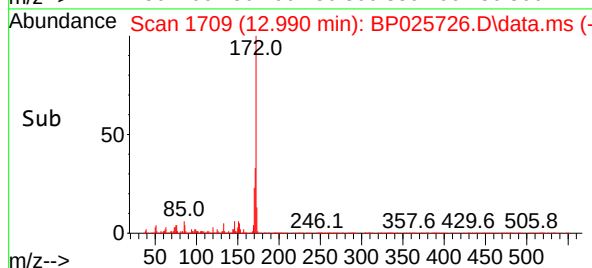
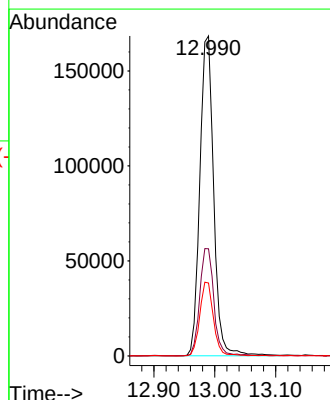
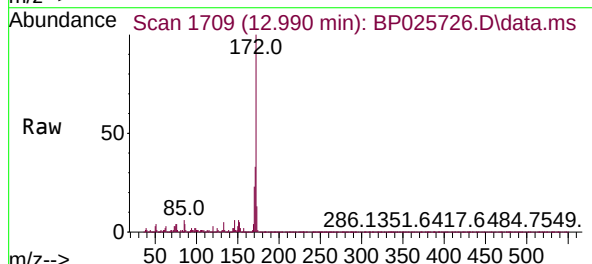
Manual Integrations  
**APPROVED**

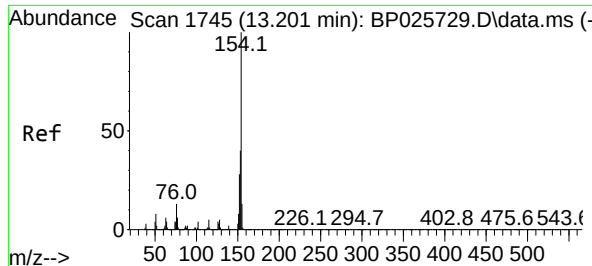
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#45  
2-Fluorobiphenyl  
Concen: 10.408 ng  
RT: 12.990 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

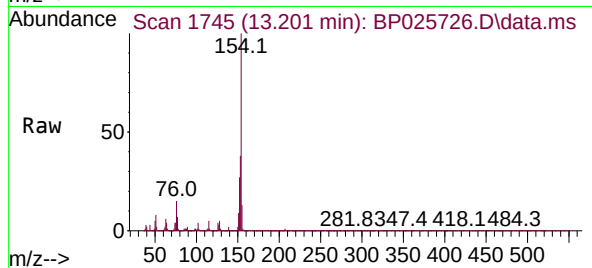
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.5  | 27.8  | 41.6  |
| 170     | 22.8  | 18.6  | 27.8  |





#46  
1,1'-Biphenyl  
Concen: 4.965 ng  
RT: 13.201 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

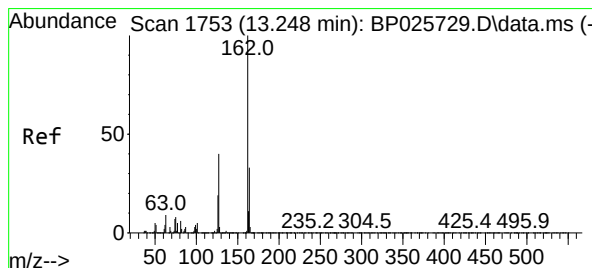
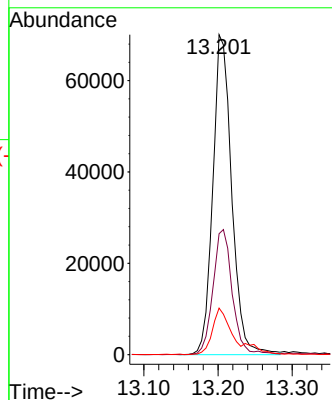
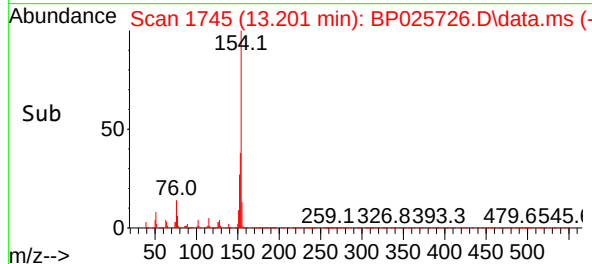
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:154 Resp: 124080  
Ion Ratio Lower Upper  
154 100  
153 37.8 19.7 59.7  
76 14.5 0.0 33.3

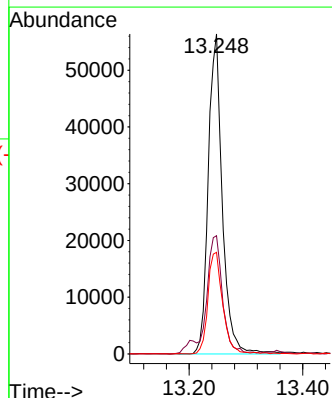
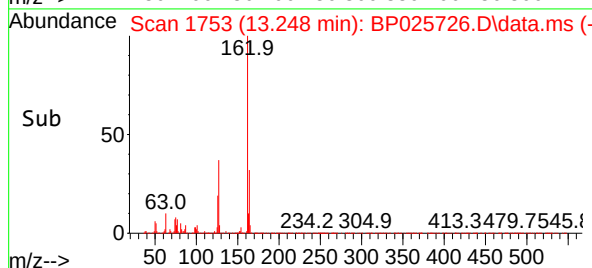
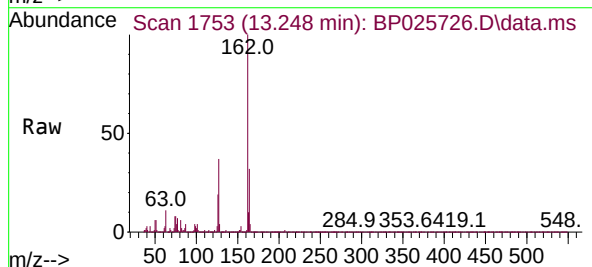
Manual Integrations  
APPROVED

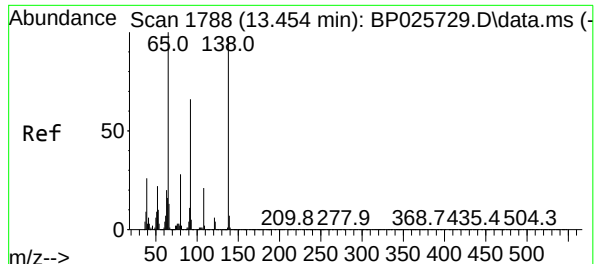
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#47  
2-Chloronaphthalene  
Concen: 4.932 ng  
RT: 13.248 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

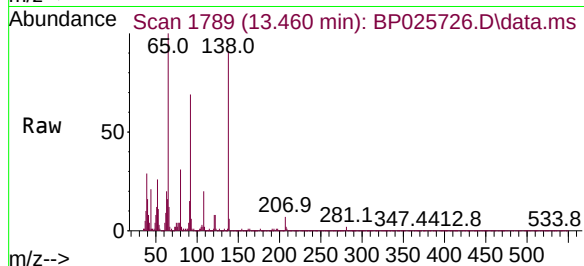
Tgt Ion:162 Resp: 97044  
Ion Ratio Lower Upper  
162 100  
127 36.9 32.2 48.4  
164 31.7 26.5 39.7





#48  
2-Nitroaniline  
Concen: 4.013 ng  
RT: 13.460 min Scan# 1788  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

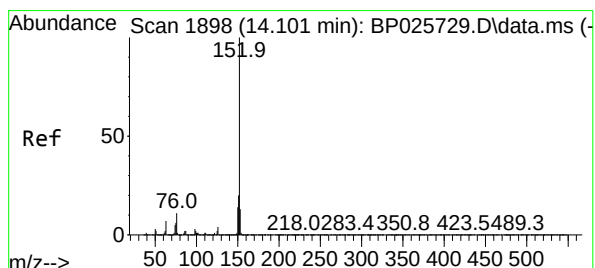
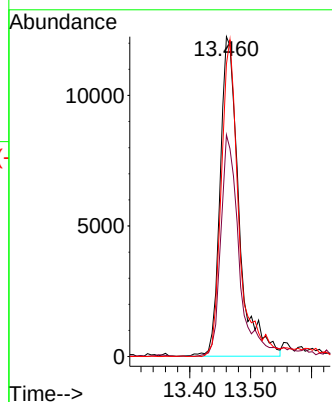
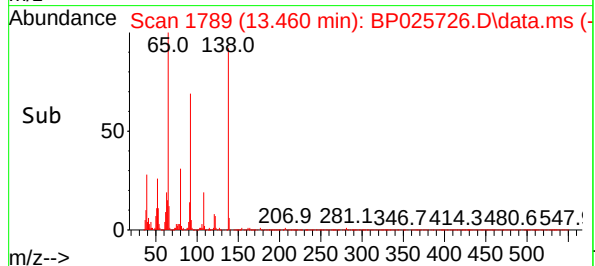
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 65 Resp: 26322  
Ion Ratio Lower Upper  
65 100  
92 69.3 53.1 79.7  
138 91.5 77.8 116.8

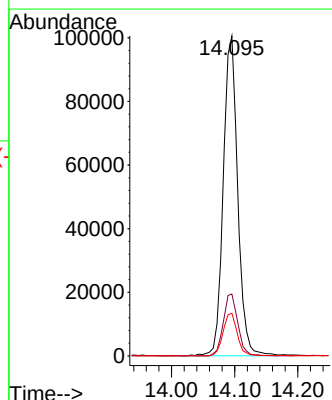
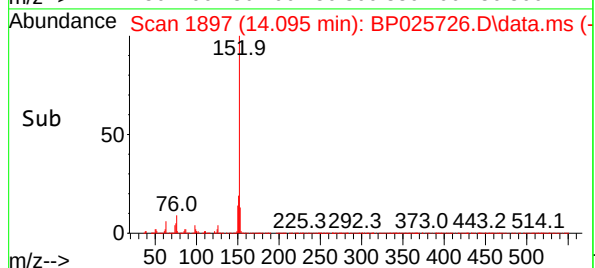
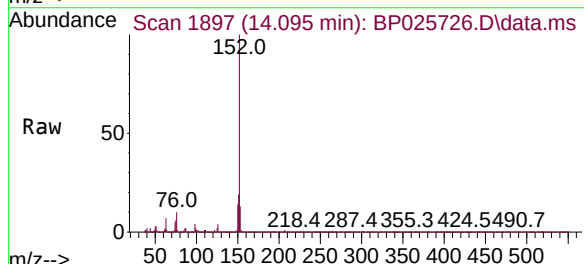
Manual Integrations  
APPROVED

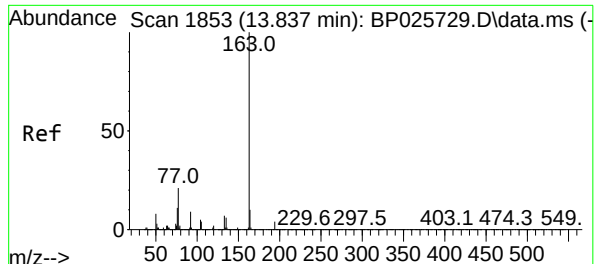
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#49  
Acenaphthylene  
Concen: 4.900 ng  
RT: 14.095 min Scan# 1897  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

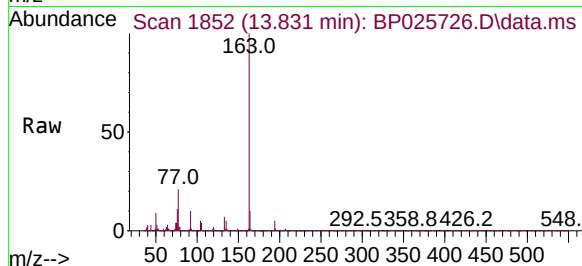
Tgt Ion:152 Resp: 159767  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.8 23.6  
153 13.3 10.5 15.7





#50  
Dimethylphthalate  
Concen: 5.059 ng  
RT: 13.831 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

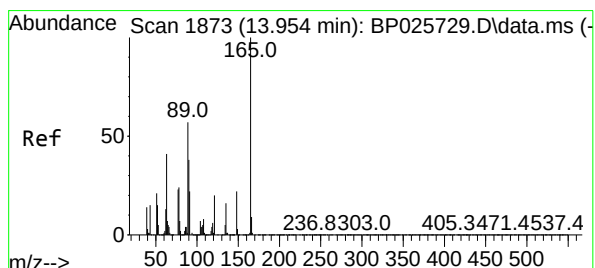
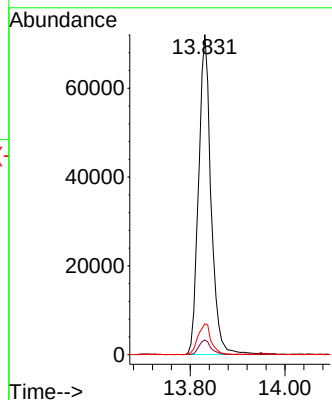
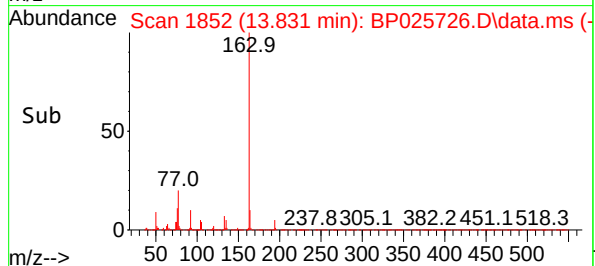
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:163 Resp: 131492  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.4 5.2  
164 9.6 8.2 12.2

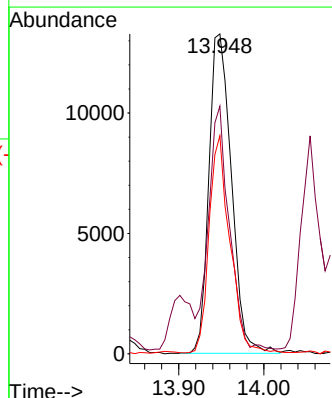
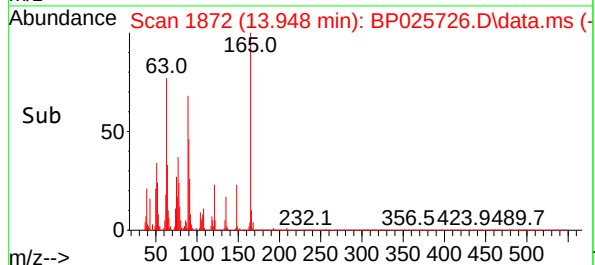
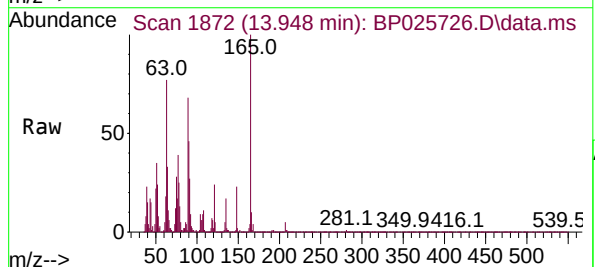
Manual Integrations  
APPROVED

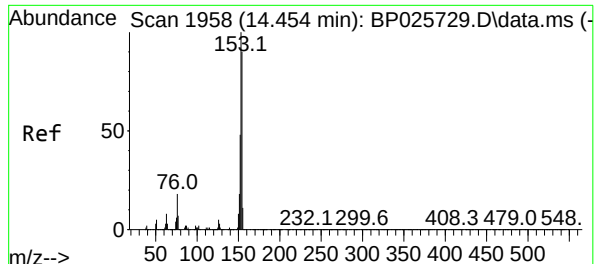
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#51  
2,6-Dinitrotoluene  
Concen: 4.417 ng  
RT: 13.948 min Scan# 1872  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

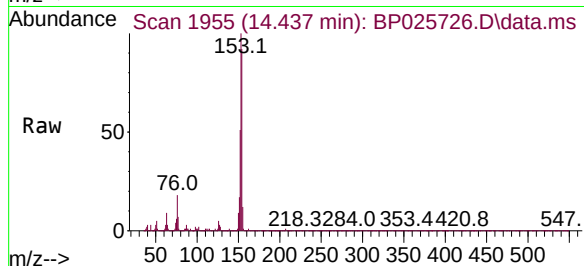
Tgt Ion:165 Resp: 24324  
Ion Ratio Lower Upper  
165 100  
63 77.4 48.1 72.1#  
89 68.2 45.4 68.0#





#52  
Acenaphthene  
Concen: 5.109 ng  
RT: 14.437 min Scan# 1958  
Delta R.T. -0.018 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

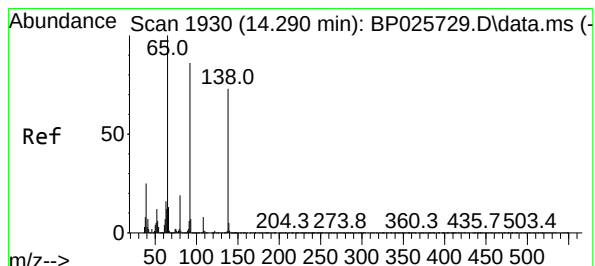
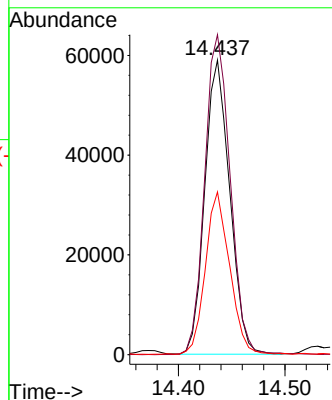
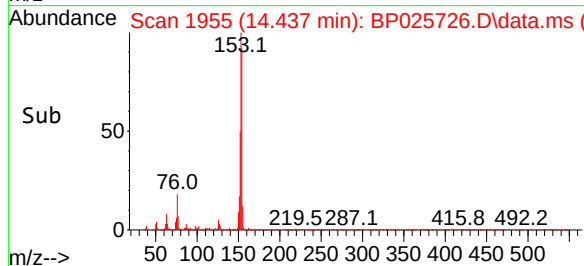
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:154 Resp: 96060  
Ion Ratio Lower Upper  
154 100  
153 108.7 89.4 134.0  
152 55.2 42.5 63.7

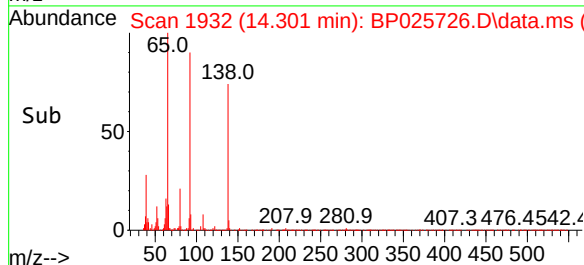
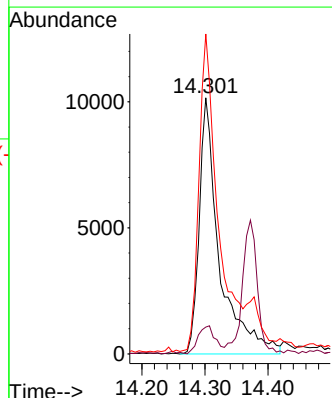
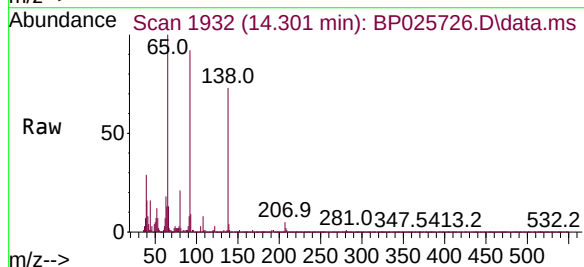
Manual Integrations  
APPROVED

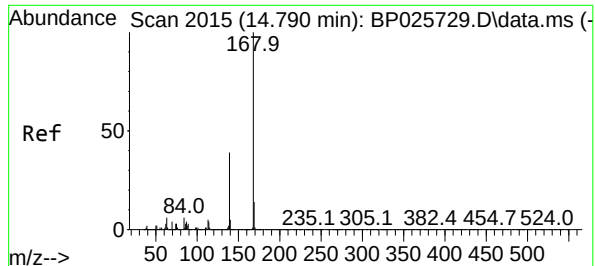
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#53  
3-Nitroaniline  
Concen: 3.913 ng  
RT: 14.301 min Scan# 1932  
Delta R.T. 0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

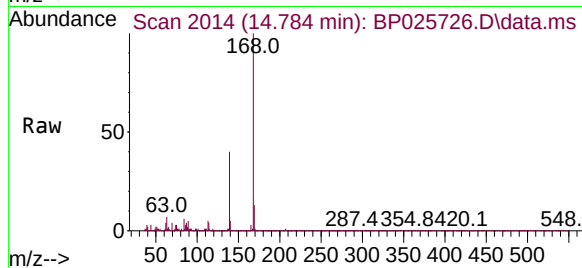
Tgt Ion:138 Resp: 22660  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.7 13.1  
92 124.9 94.6 142.0





#55  
Dibenzenofuran  
Concen: 5.094 ng  
RT: 14.784 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

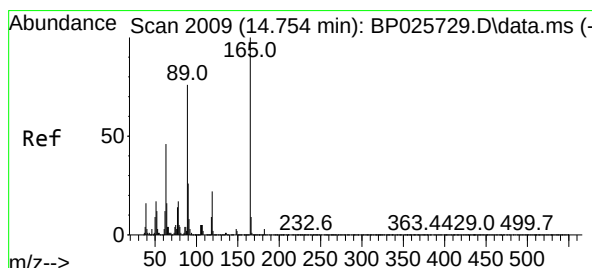
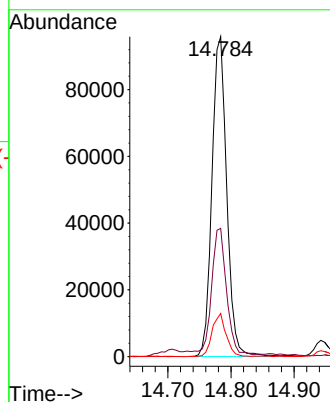
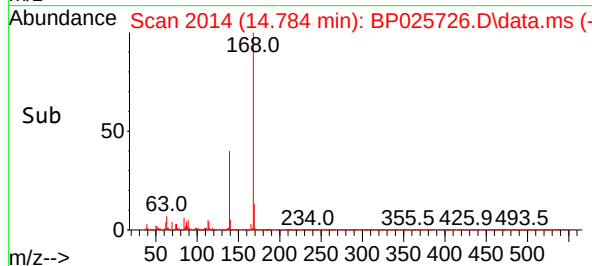
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:168 Resp: 156097  
Ion Ratio Lower Upper  
168 100  
139 40.1 31.7 47.5  
169 13.5 10.8 16.2

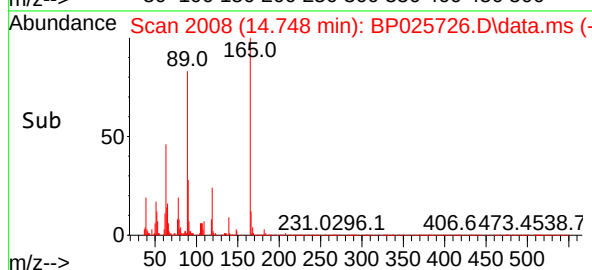
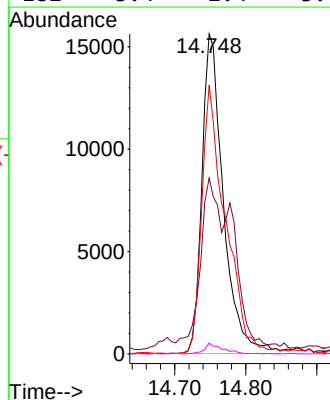
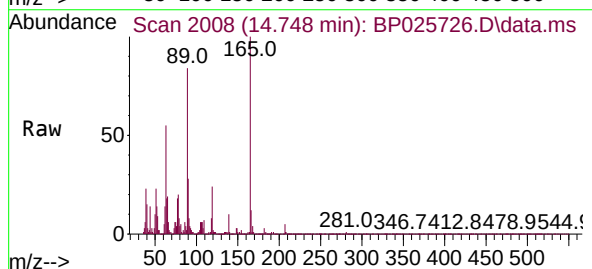
Manual Integrations  
APPROVED

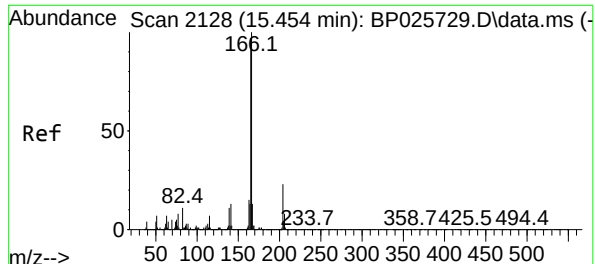
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#57  
2,4-Dinitrotoluene  
Concen: 4.144 ng  
RT: 14.748 min Scan# 2008  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

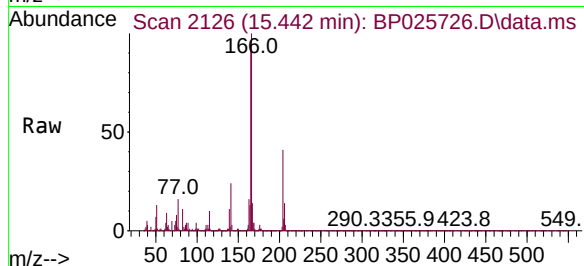
Tgt Ion:165 Resp: 32480  
Ion Ratio Lower Upper  
165 100  
63 55.0 37.7 56.5  
89 84.0 61.0 91.6  
182 3.4 2.4 3.6





#58  
Fluorene  
Concen: 5.189 ng  
RT: 15.442 min Scan# 2128  
Delta R.T. -0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

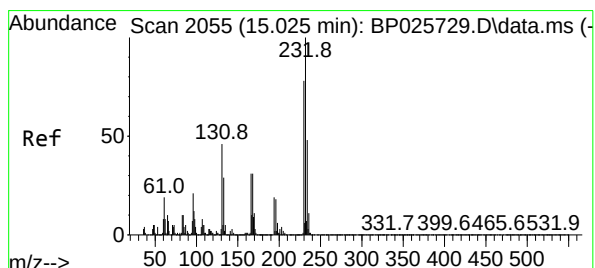
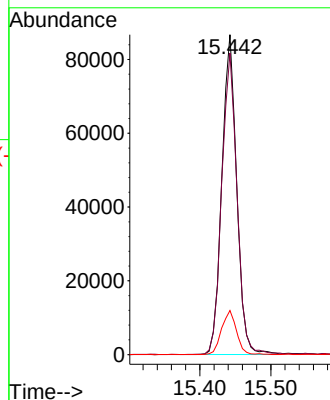
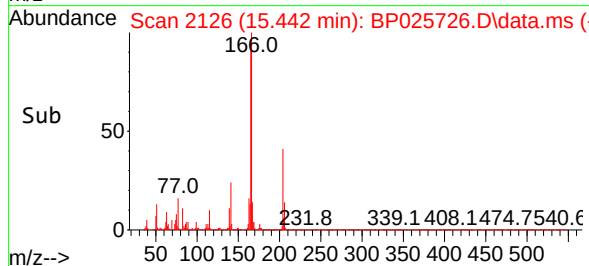
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:166 Resp: 126434  
Ion Ratio Lower Upper  
166 100  
165 94.2 77.7 116.5  
167 13.8 10.6 16.0

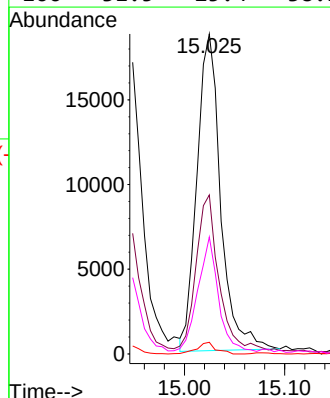
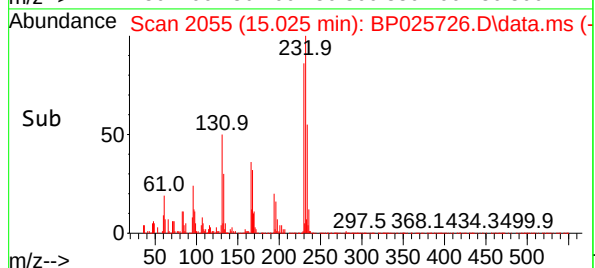
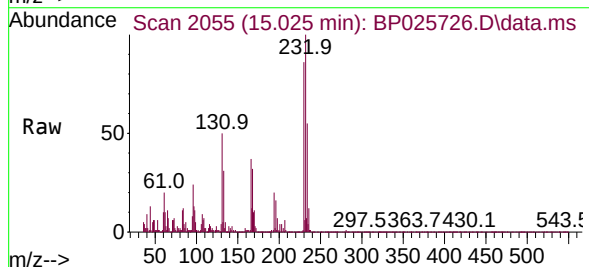
Manual Integrations  
APPROVED

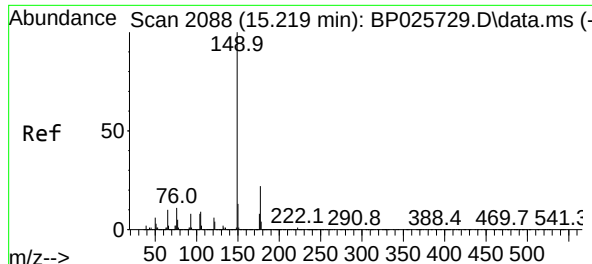
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.525 ng  
RT: 15.025 min Scan# 2055  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

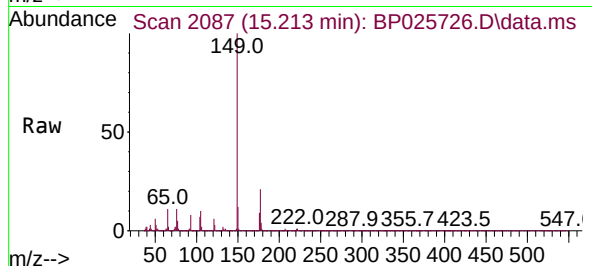
Tgt Ion:232 Resp: 30771  
Ion Ratio Lower Upper  
232 100  
131 49.7 36.7 55.1  
130 2.9 2.0 3.0  
166 31.5 25.4 38.2





#60  
Diethylphthalate  
Concen: 5.077 ng  
RT: 15.213 min Scan# 2088  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

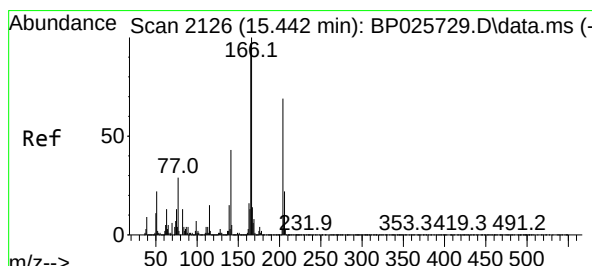
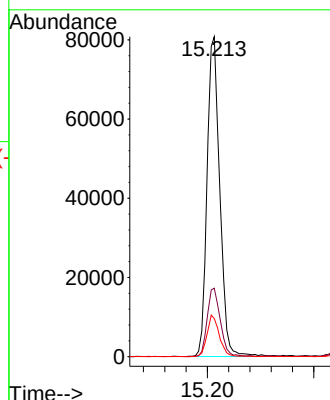
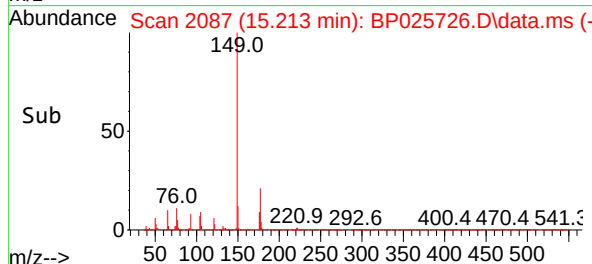
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 133865  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.7 26.5  
150 11.9 10.0 15.0

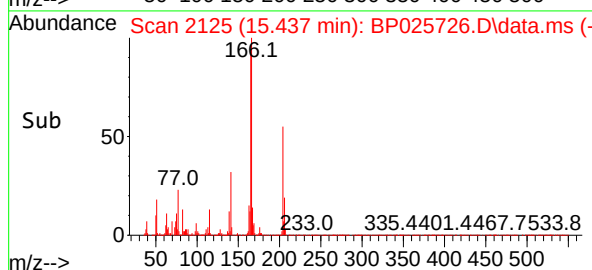
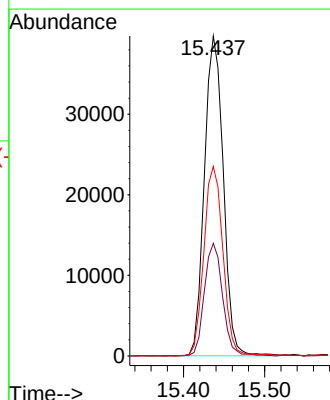
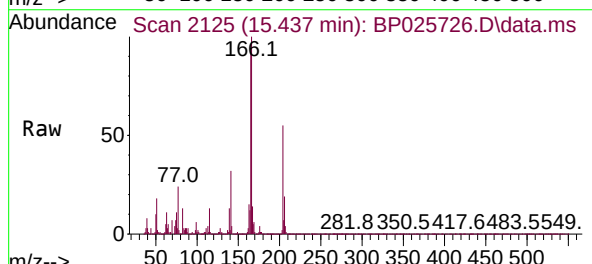
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

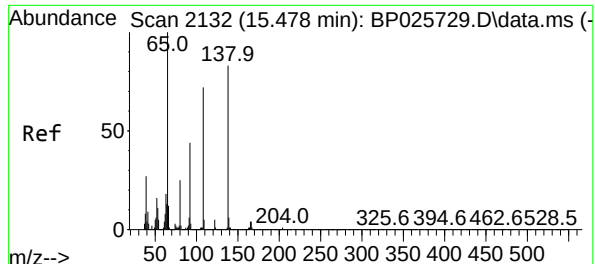


#61  
4-Chlorophenyl-phenylether  
Concen: 5.236 ng  
RT: 15.437 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion:204 Resp: 64305  
Ion Ratio Lower Upper  
204 100  
206 35.2 26.0 39.0  
141 59.2 49.7 74.5

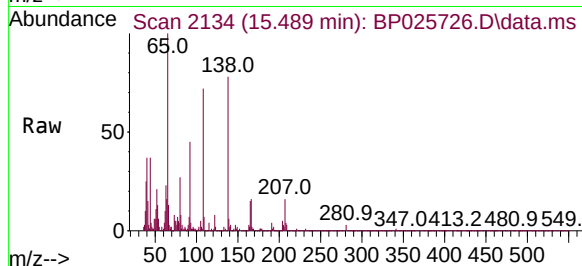






#62  
4-Nitroaniline  
Concen: 3.710 ng m  
RT: 15.489 min Scan# 2132  
Delta R.T. 0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

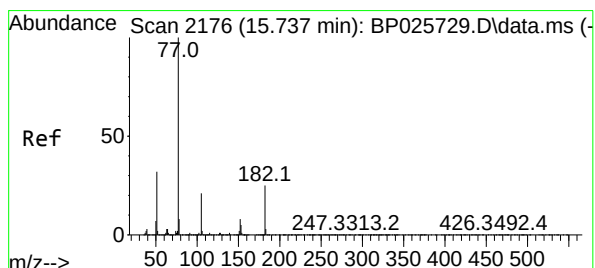
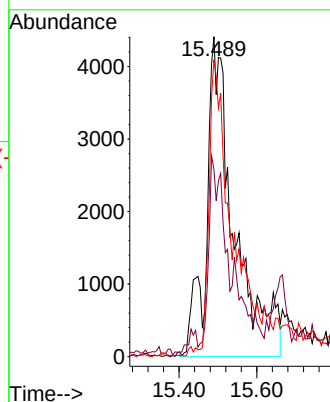
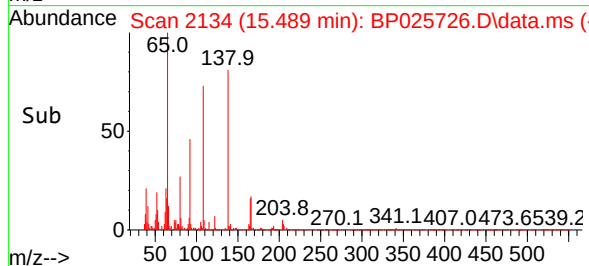
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 138 Resp: 21996  
Ion Ratio Lower Upper  
138 100  
92 58.6 33.3 73.3  
108 92.8 66.7 106.7

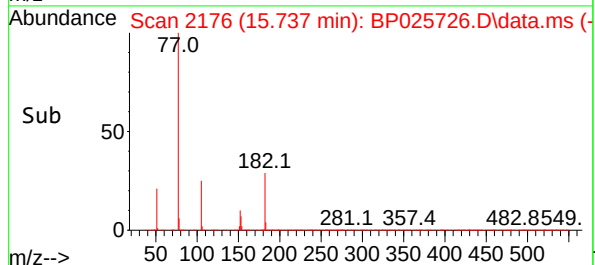
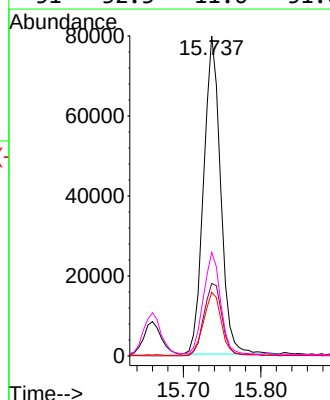
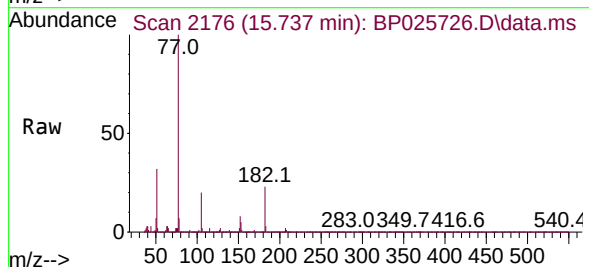
Manual Integrations  
APPROVED

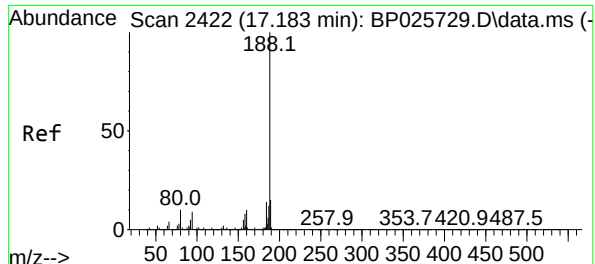
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#63  
Azobenzene  
Concen: 4.745 ng  
RT: 15.737 min Scan# 2176  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

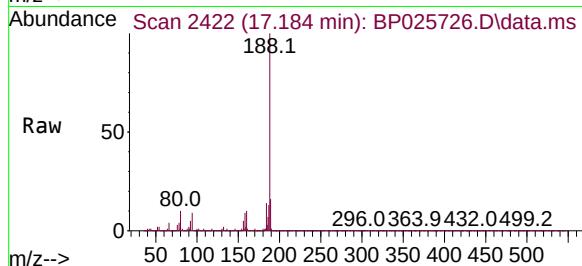
Tgt Ion: 77 Resp: 120979  
Ion Ratio Lower Upper  
77 100  
182 22.6 5.2 45.2  
105 19.9 1.1 41.1  
51 32.3 11.6 51.6





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.184 min Scan# 2422  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

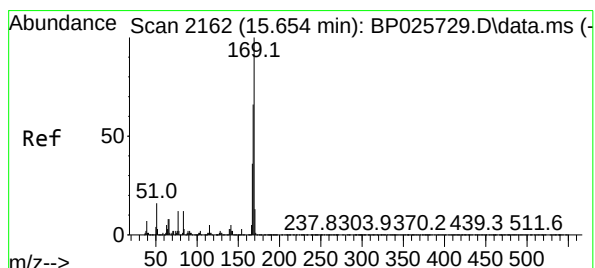
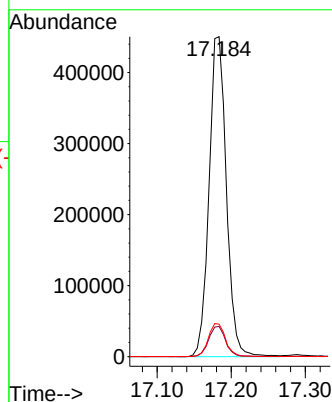
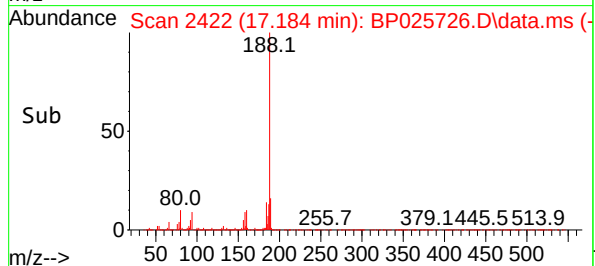
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:188 Resp: 730553  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.4 11.0  
80 10.1 7.7 11.5

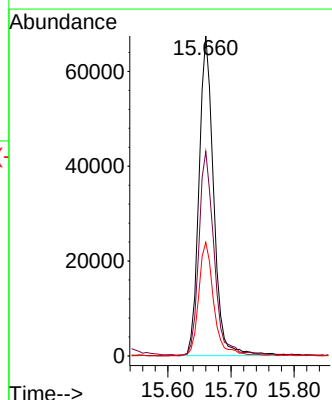
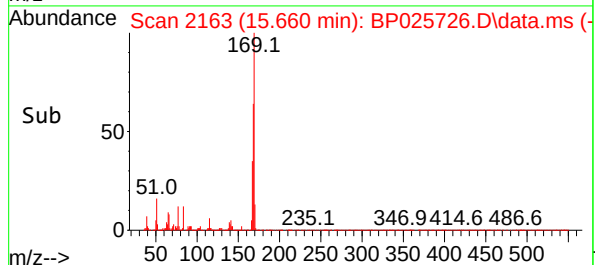
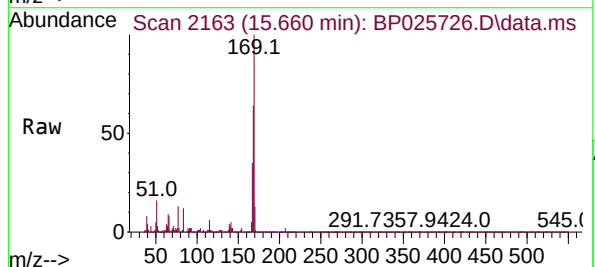
Manual Integrations  
APPROVED

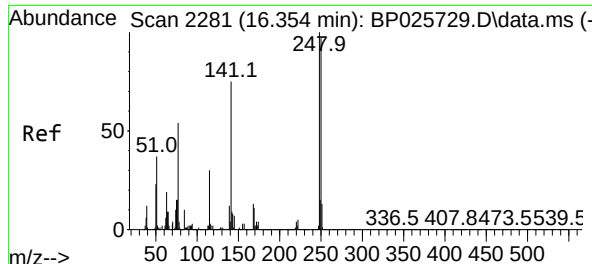
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#66  
n-Nitrosodiphenylamine  
Concen: 4.875 ng  
RT: 15.660 min Scan# 2163  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

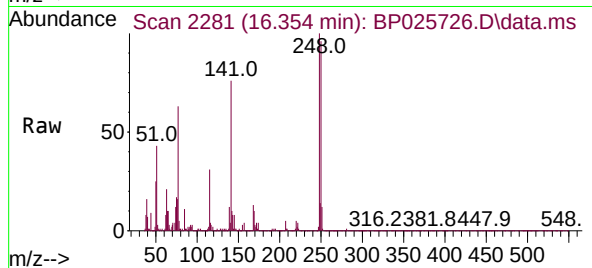
Tgt Ion:169 Resp: 108999  
Ion Ratio Lower Upper  
169 100  
168 63.9 52.6 78.8  
167 35.5 28.5 42.7





#67  
4-Bromophenyl-phenylether  
Concen: 4.851 ng  
RT: 16.354 min Scan# 2281  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

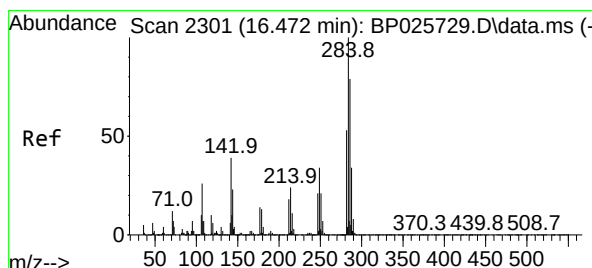
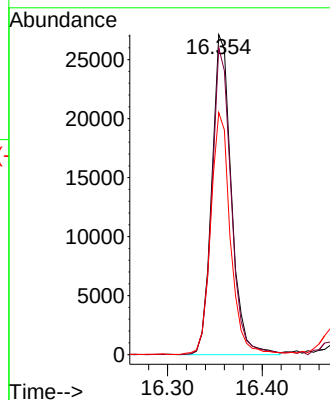
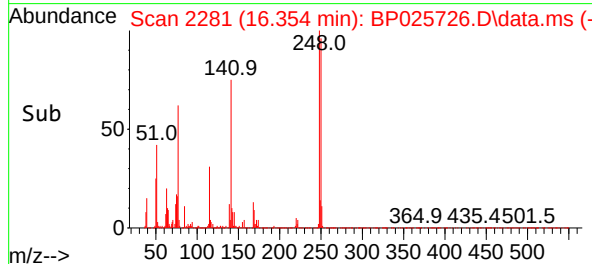
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:248 Resp: 38933  
Ion Ratio Lower Upper  
248 100  
250 95.9 77.5 116.3  
141 75.6 60.2 90.4

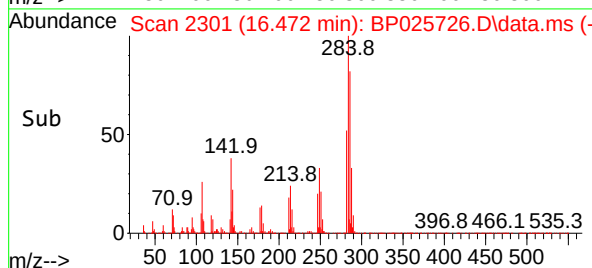
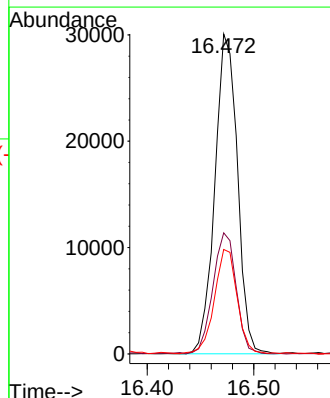
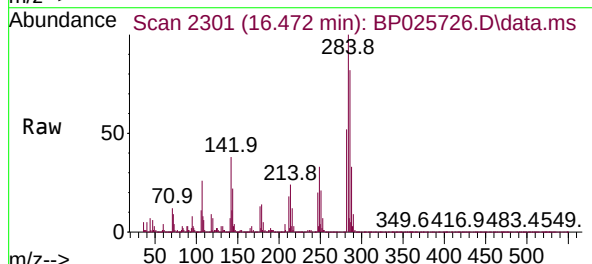
Manual Integrations  
APPROVED

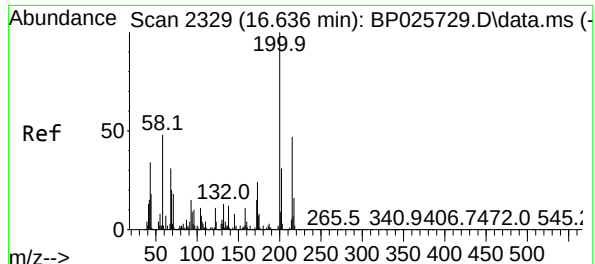
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#68  
Hexachlorobenzene  
Concen: 4.960 ng  
RT: 16.472 min Scan# 2301  
Delta R.T. 0.000 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion:284 Resp: 44390  
Ion Ratio Lower Upper  
284 100  
142 37.8 31.3 46.9  
249 32.6 27.3 40.9





#69

Atrazine

Concen: 4.593 ng

RT: 16.642 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA\_P

ClientSampleId :

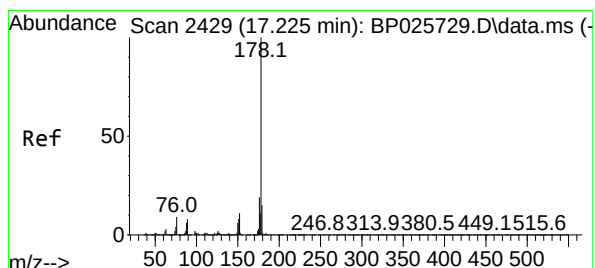
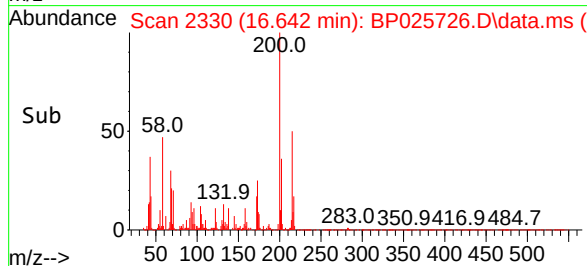
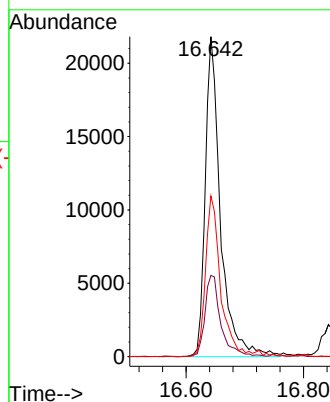
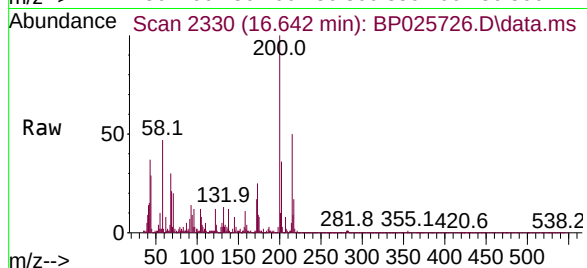
SSTDICC005

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 3925 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 25.4  | 4.2   | 44.2 |
| 215       | 50.2  | 27.3  | 67.3 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#71

Phenanthrene

Concen: 5.127 ng

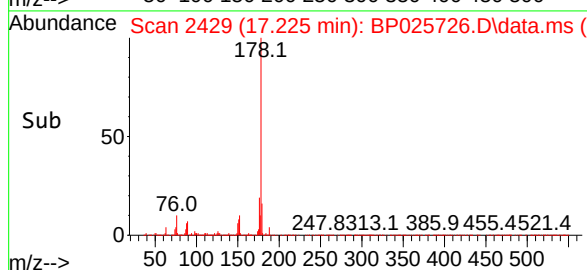
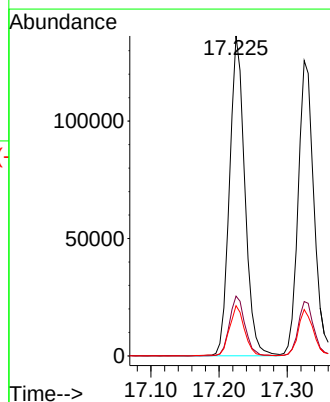
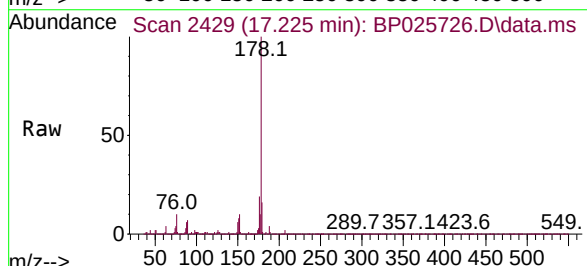
RT: 17.225 min Scan# 2429

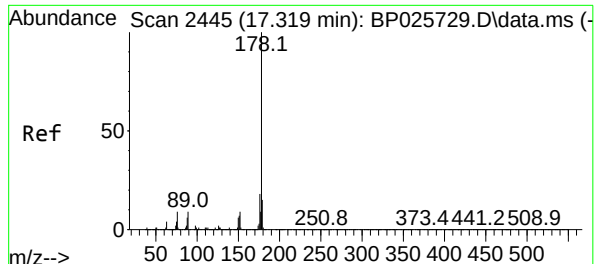
Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

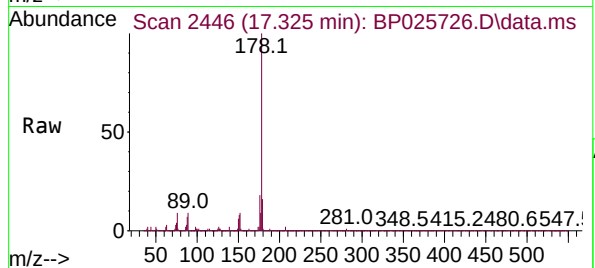
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 212489 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 18.7  | 15.4  | 23.2   |
| 179       | 15.7  | 12.2  | 18.4   |





#72  
Anthracene  
Concen: 4.866 ng  
RT: 17.325 min Scan# 2445  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

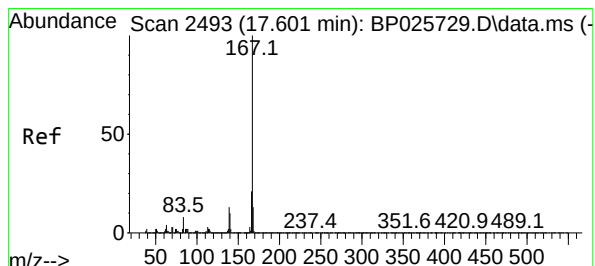
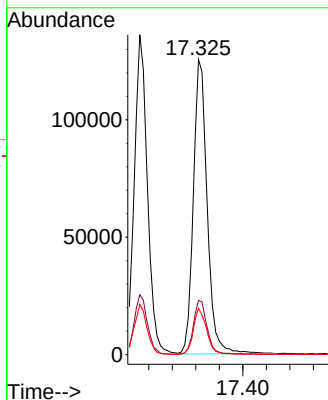
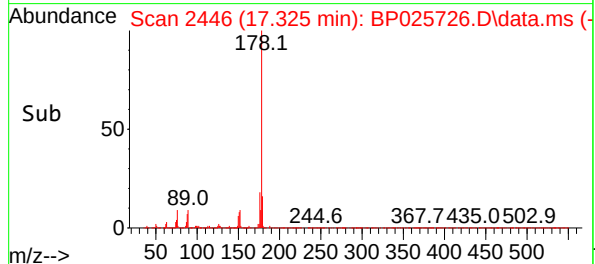
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:178 Resp: 204585  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.7 12.2 18.4

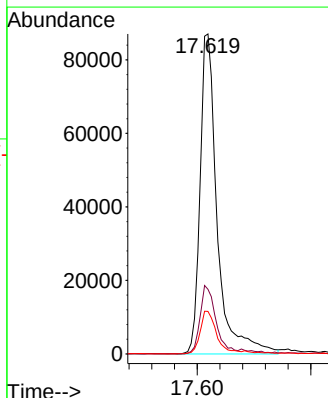
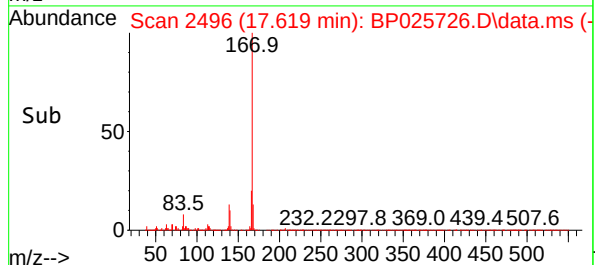
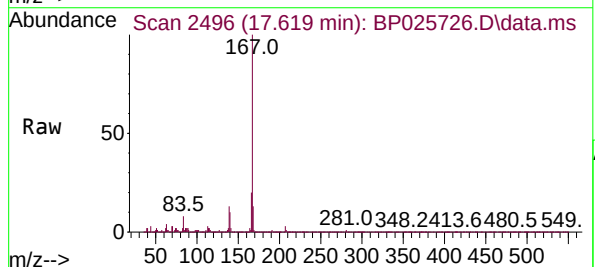
Manual Integrations  
APPROVED

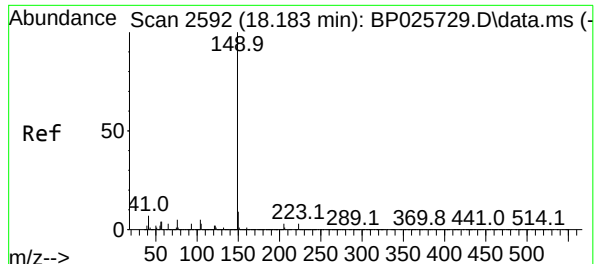
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#73  
Carbazole  
Concen: 4.644 ng  
RT: 17.619 min Scan# 2496  
Delta R.T. 0.018 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

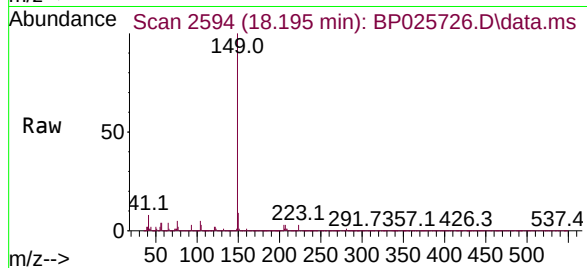
Tgt Ion:167 Resp: 181532  
Ion Ratio Lower Upper  
167 100  
166 20.2 17.0 25.4  
139 13.3 10.6 16.0





#74  
Di-n-butylphthalate  
Concen: 4.692 ng  
RT: 18.195 min Scan# 2594  
Delta R.T. 0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

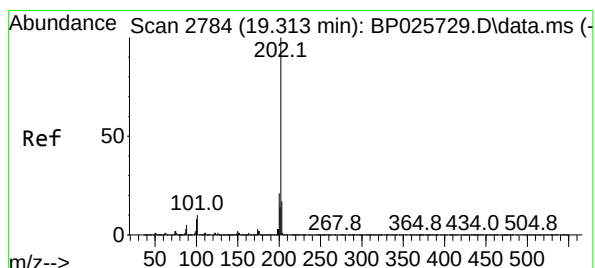
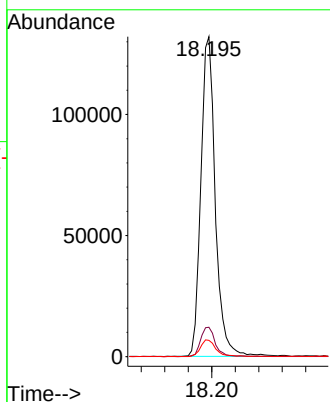
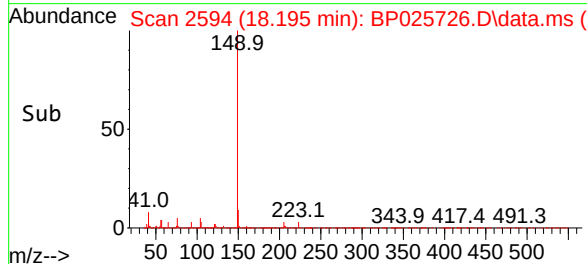
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



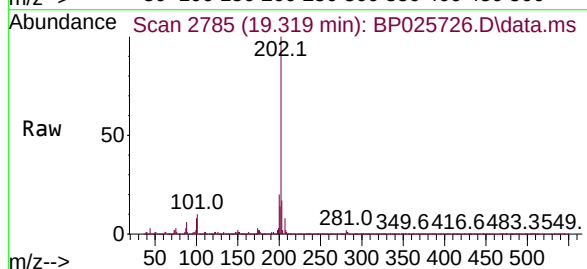
Tgt Ion:149 Resp: 225100  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 5.1 4.3 6.5

Manual Integrations  
APPROVED

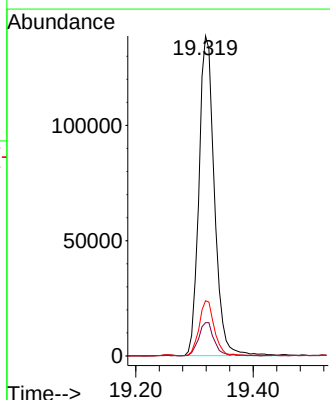
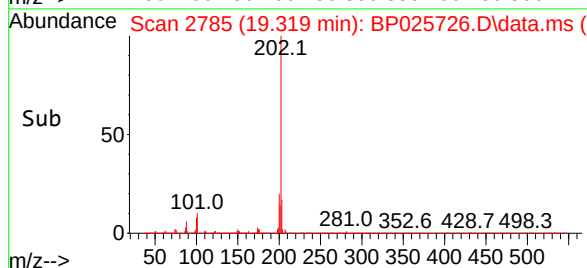
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

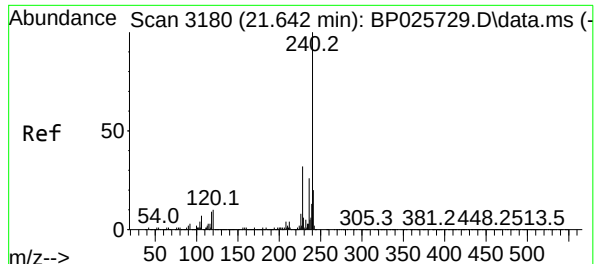


#75  
Fluoranthene  
Concen: 5.096 ng  
RT: 19.319 min Scan# 2785  
Delta R.T. 0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37



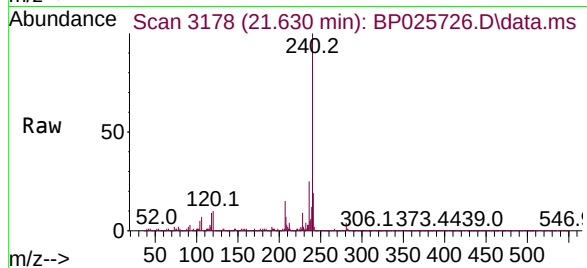
Tgt Ion:202 Resp: 253297  
Ion Ratio Lower Upper  
202 100  
101 10.4 0.0 30.4  
203 17.2 0.0 37.4





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.630 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

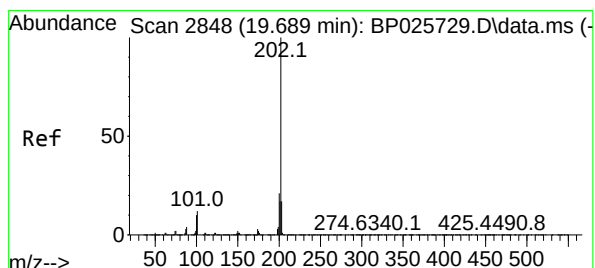
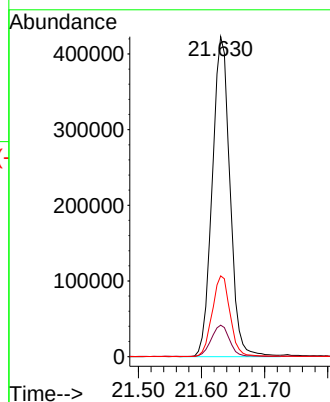
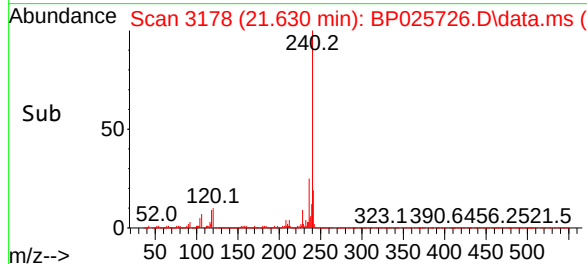
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:240 Resp: 824671  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.0 12.0  
236 25.2 20.7 31.1

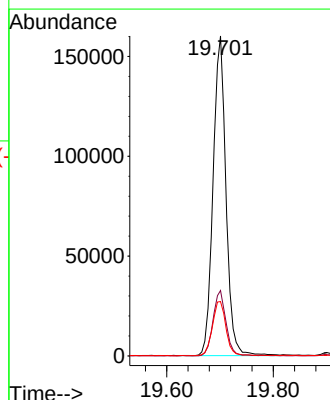
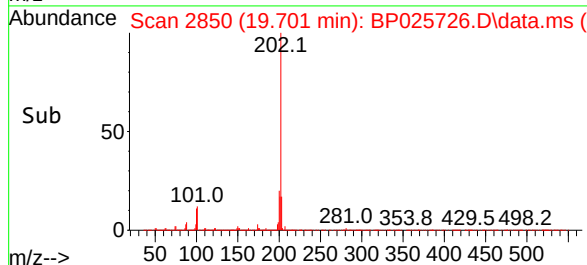
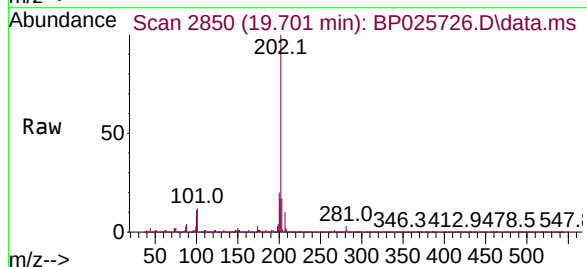
Manual Integrations  
APPROVED

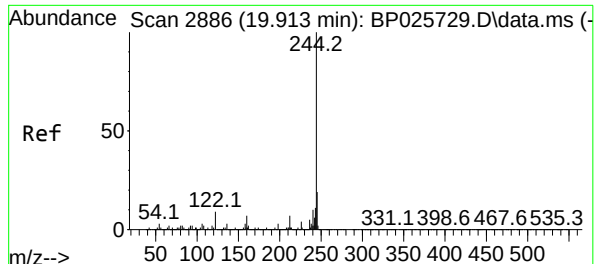
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#78  
Pyrene  
Concen: 4.895 ng  
RT: 19.701 min Scan# 2850  
Delta R.T. 0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

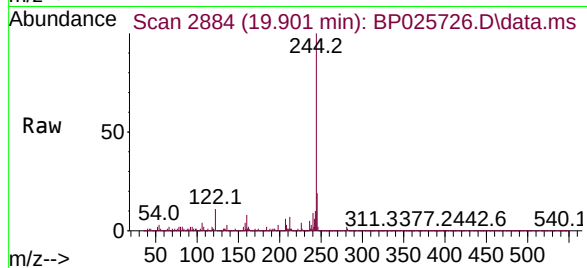
Tgt Ion:202 Resp: 269369  
Ion Ratio Lower Upper  
202 100  
200 20.4 17.0 25.6  
203 17.0 13.9 20.9





#79  
Terphenyl-d14  
Concen: 10.187 ng  
RT: 19.901 min Scan# 2886  
Delta R.T. -0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

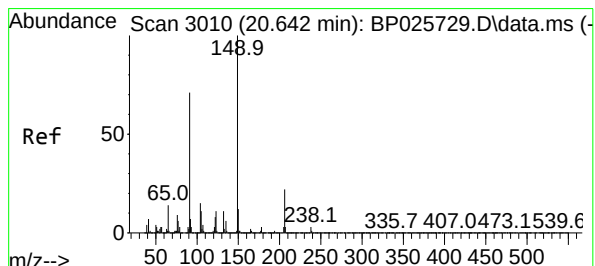
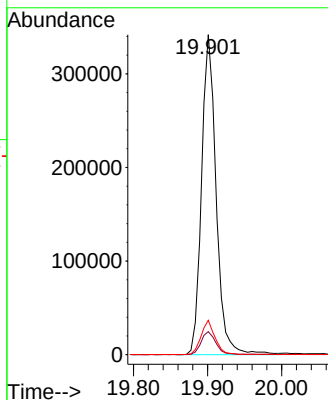
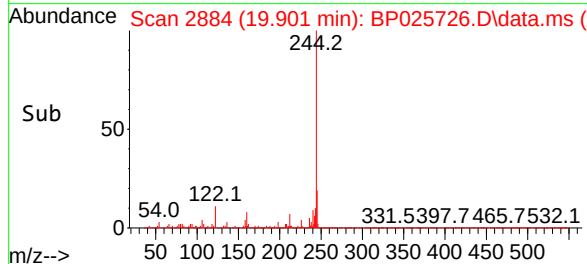
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



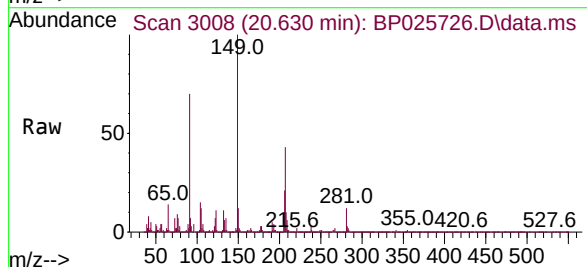
Tgt Ion:244 Resp: 466997  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.9 8.9  
122 10.7 7.1 10.7

Manual Integrations  
APPROVED

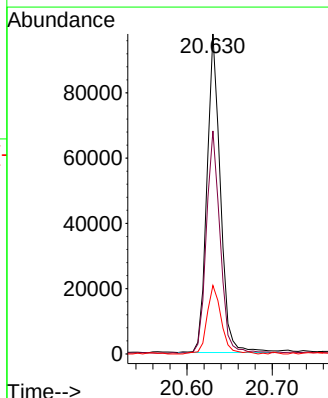
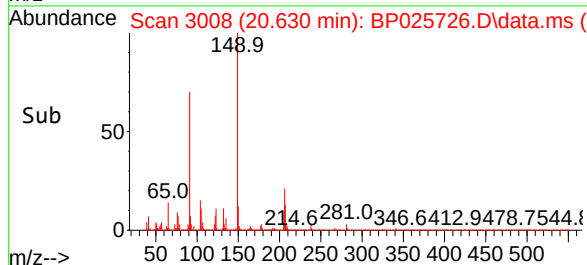
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



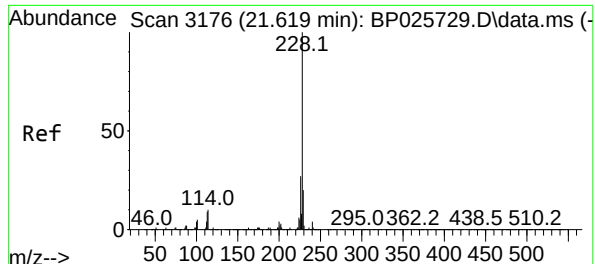
#80  
Butylbenzylphthalate  
Concen: 4.437 ng  
RT: 20.630 min Scan# 3008  
Delta R.T. -0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37



Tgt Ion:149 Resp: 107059  
Ion Ratio Lower Upper  
149 100  
91 69.7 56.6 85.0  
206 21.4 17.4 26.0

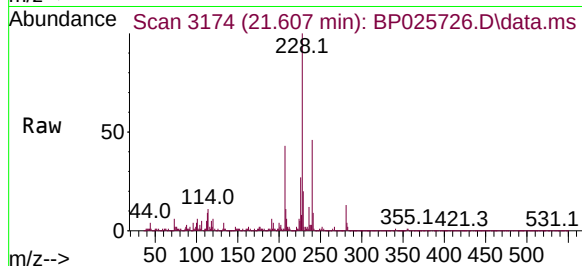






#81  
Benzo(a)anthracene  
Concen: 4.916 ng  
RT: 21.607 min Scan# 3176  
Delta R.T. -0.012 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

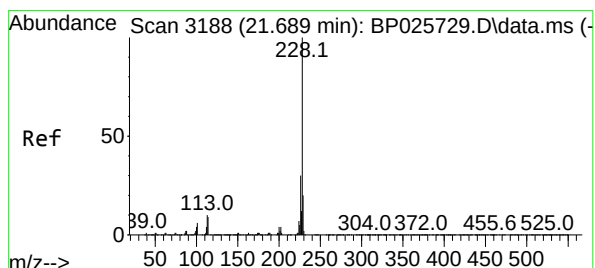
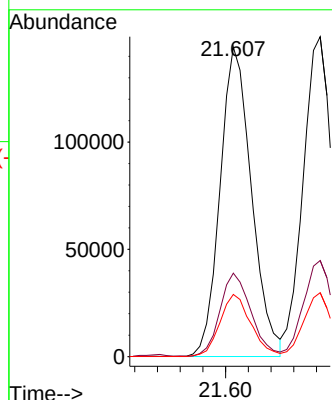
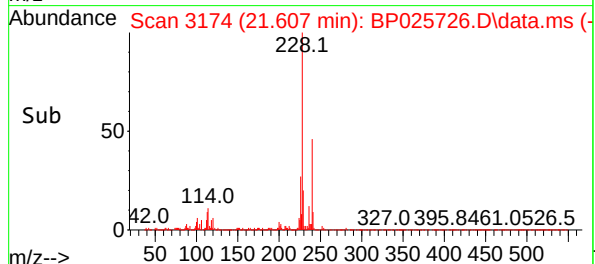
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:228 Resp: 27755  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.6 32.4  
229 20.1 15.7 23.5

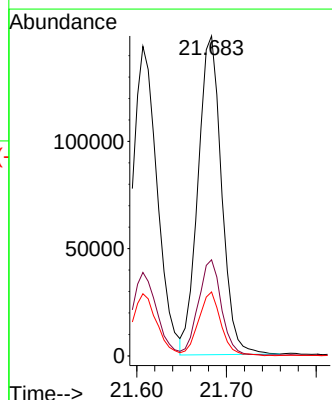
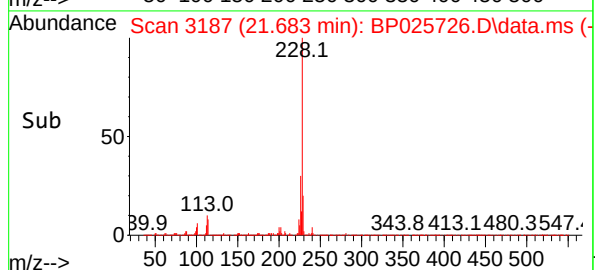
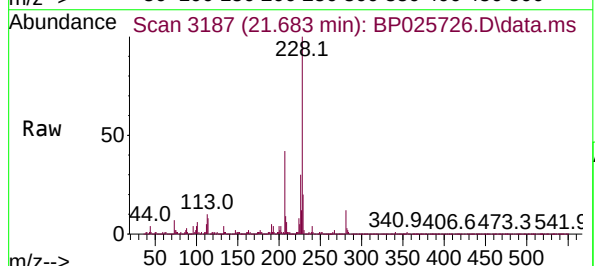
Manual Integrations  
APPROVED

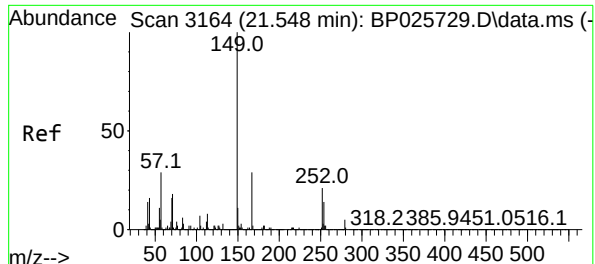
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#83  
Chrysene  
Concen: 5.040 ng  
RT: 21.683 min Scan# 3187  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

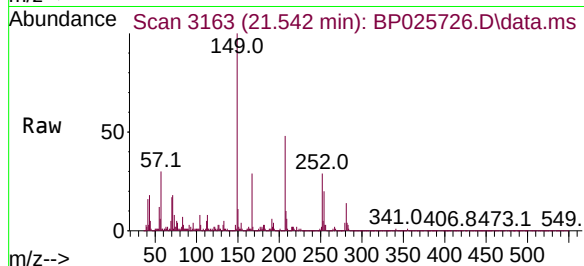
Tgt Ion:228 Resp: 271250  
Ion Ratio Lower Upper  
228 100  
226 30.0 23.8 35.6  
229 20.0 15.6 23.4





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.673 ng  
RT: 21.542 min Scan# 3164  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

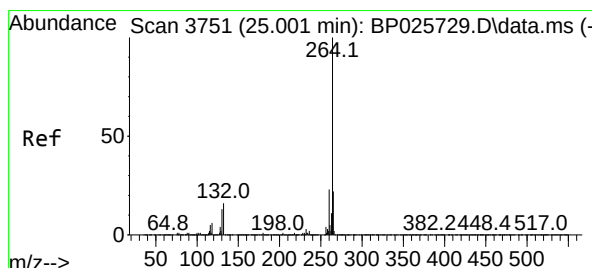
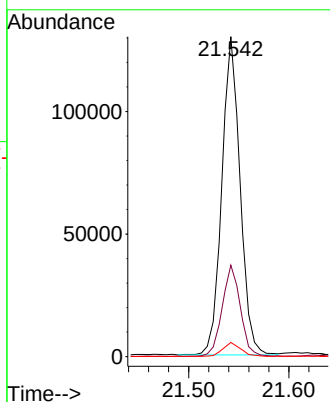
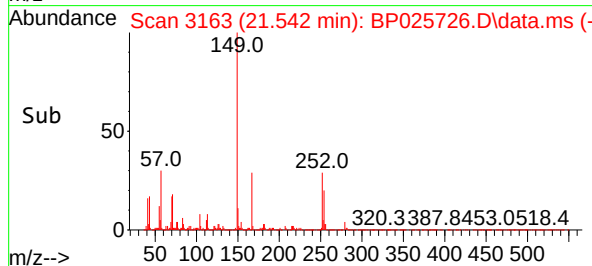
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion:149 Resp: 164937  
Ion Ratio Lower Upper  
149 100  
167 28.6 22.9 34.3  
279 4.4 3.8 5.8

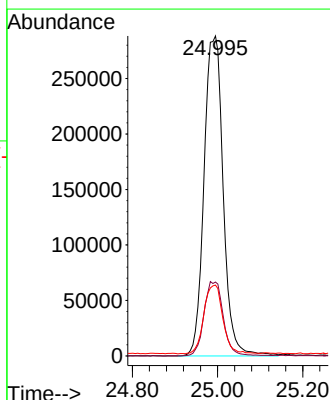
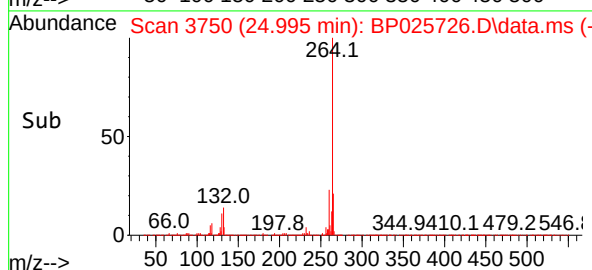
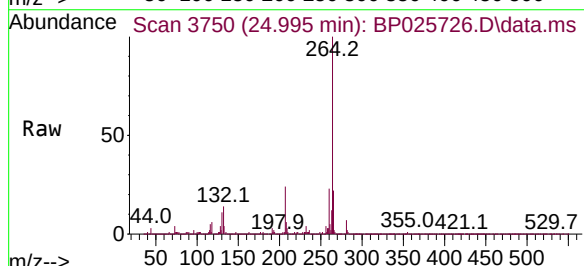
Manual Integrations  
APPROVED

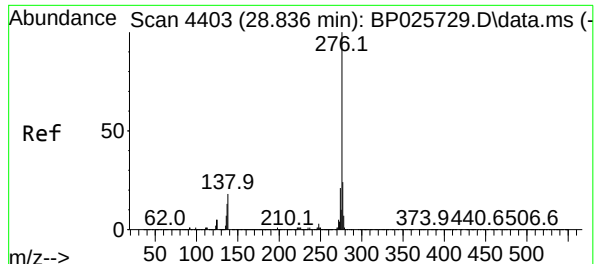
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.995 min Scan# 3750  
Delta R.T. -0.006 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

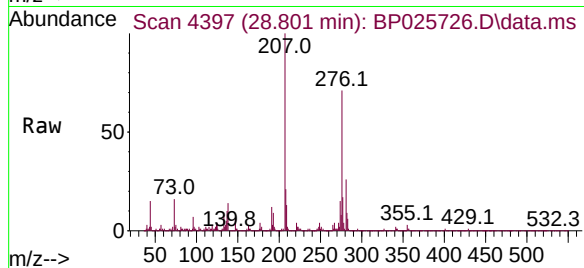
Tgt Ion:264 Resp: 899115  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.3 27.5  
265 22.2 17.3 25.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.607 ng  
RT: 28.801 min Scan# 4397  
Delta R.T. -0.035 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

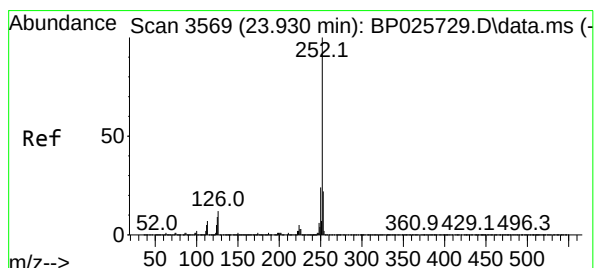
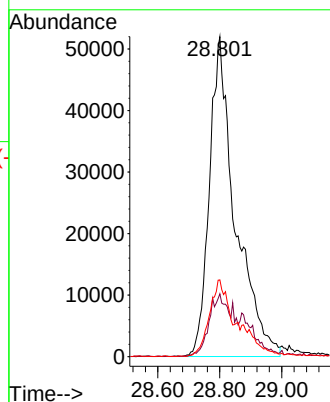
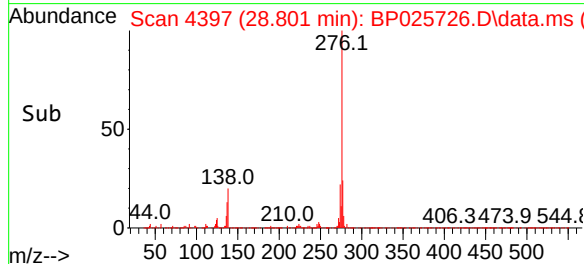
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 276 Resp: 301229  
Ion Ratio Lower Upper  
276 100  
138 14.1 13.4 20.2  
277 17.9 9.1 13.7

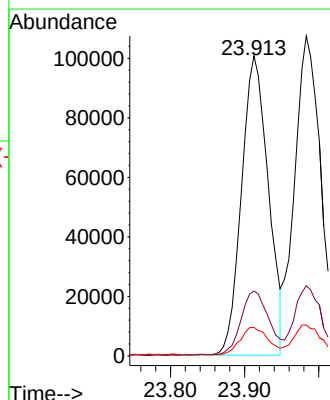
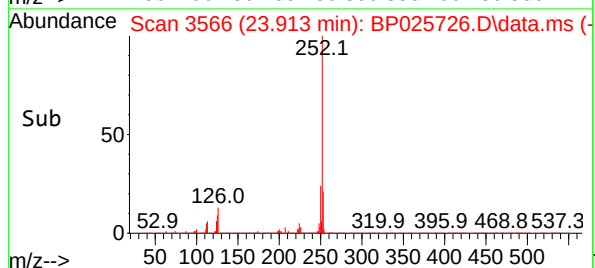
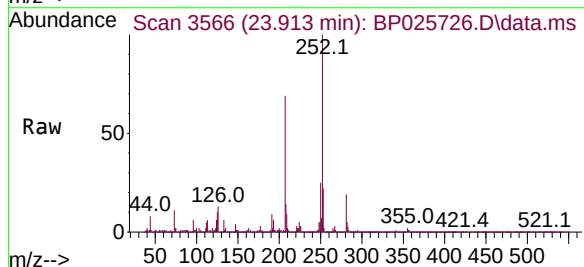
Manual Integrations  
APPROVED

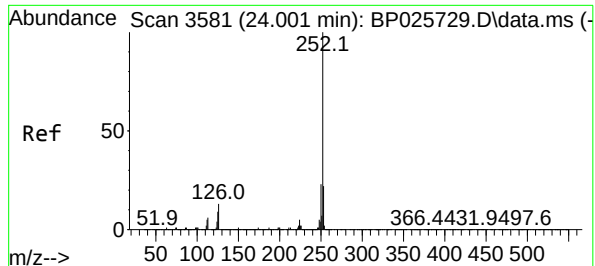
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#88  
Benzo(b)fluoranthene  
Concen: 4.595 ng  
RT: 23.913 min Scan# 3566  
Delta R.T. -0.018 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion: 252 Resp: 252672  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 4.918 ng

RT: 23.983 min Scan# 3578

Delta R.T. -0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA\_P

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 275940

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

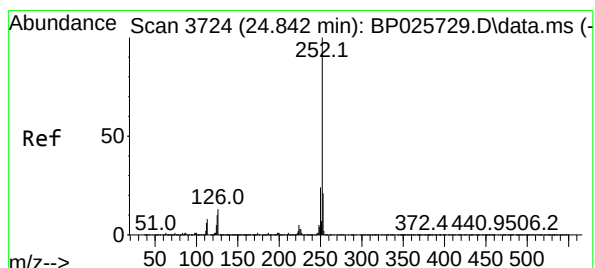
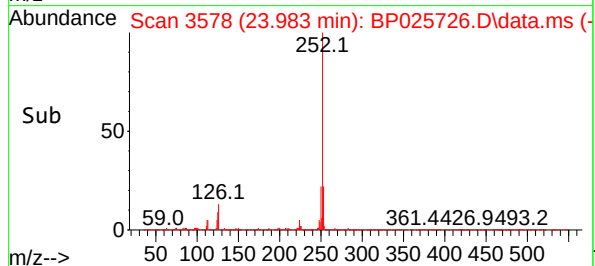
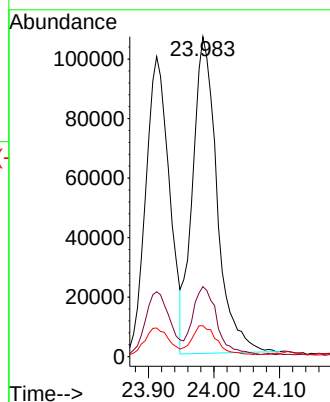
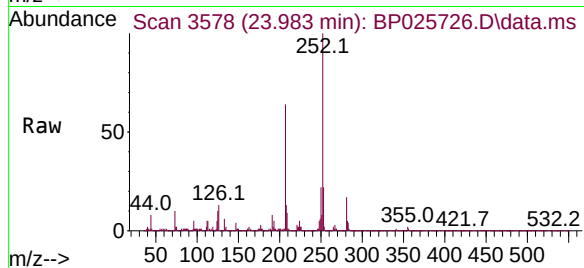
125 9.6 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 4.720 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

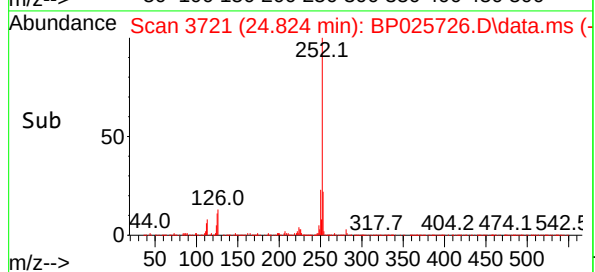
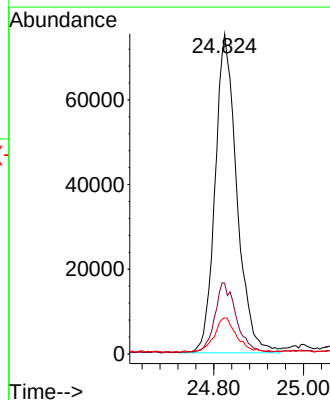
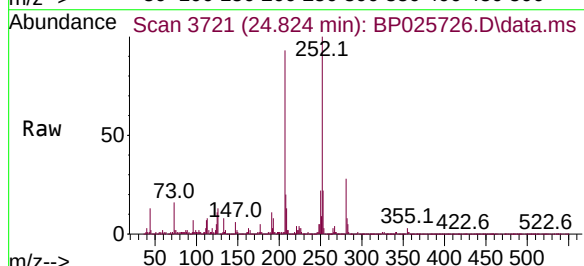
Tgt Ion:252 Resp: 254148

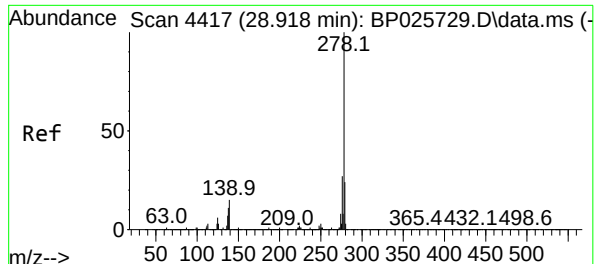
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

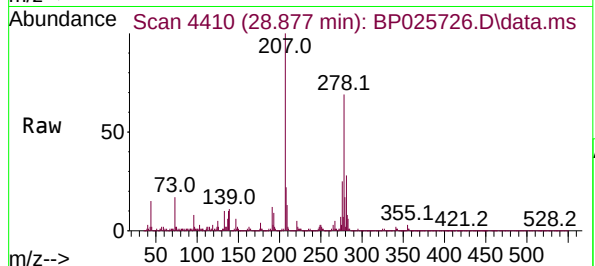
125 11.2 8.3 12.5





#91  
Dibenzo(a,h)anthracene  
Concen: 4.687 ng  
RT: 28.877 min Scan# 4417  
Delta R.T. -0.041 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

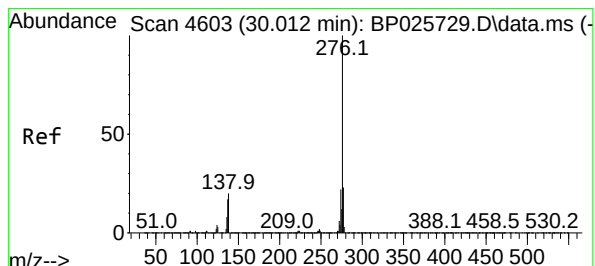
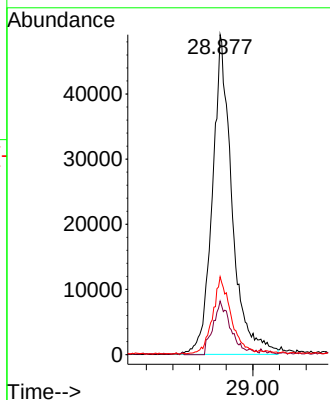
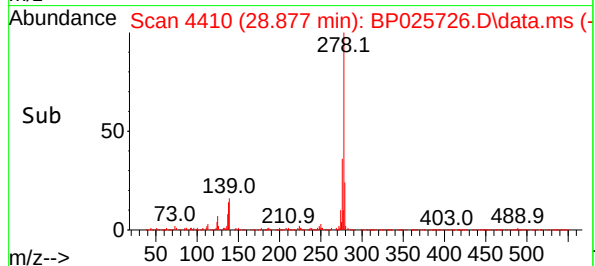
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC005



Tgt Ion: 278 Resp: 250801  
Ion Ratio Lower Upper  
278 100  
139 16.7 12.1 18.1  
279 24.3 19.6 29.4

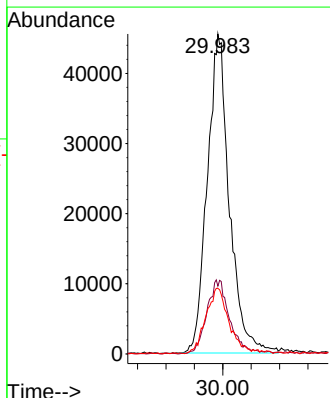
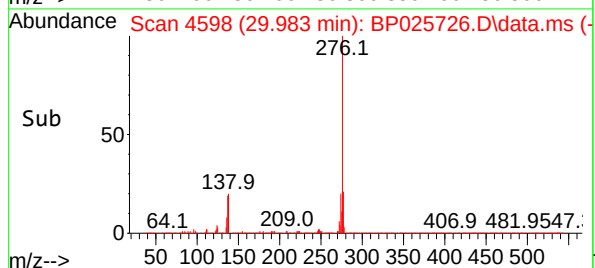
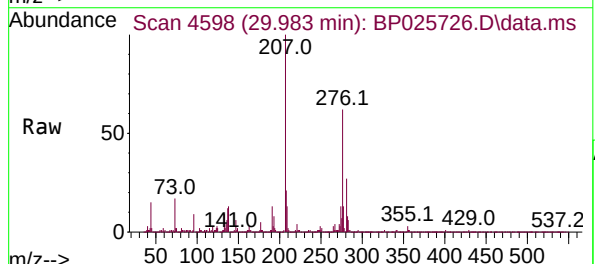
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#92  
Benzo(g,h,i)perylene  
Concen: 4.657 ng  
RT: 29.983 min Scan# 4598  
Delta R.T. -0.029 min  
Lab File: BP025726.D  
Acq: 11 Sep 2025 09:37

Tgt Ion: 276 Resp: 245079  
Ion Ratio Lower Upper  
276 100  
277 21.2 18.7 28.1  
138 20.5 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025727.D  
 Acq On : 11 Sep 2025 10:18  
 Operator : CG/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.760  | 152  | 130279   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.525 | 136  | 533074   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.366 | 164  | 373569   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.183 | 188  | 783581   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 866064   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.989 | 264  | 954952   | 20.000 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.390  | 112  | 146309   | 18.121 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 190237   | 17.726 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.902  | 82   | 218368   | 18.070 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 84835    | 18.207 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.984 | 172  | 548995   | 19.568 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.907 | 244  | 946504   | 19.661 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 32347    | 9.545  | ng    | 98       |
| 3) Pyridine                   | 3.714  | 79   | 85764    | 9.191  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.619  | 42   | 41618    | 9.452  | ng    | 98       |
| 6) Aniline                    | 7.096  | 93   | 129012   | 8.757  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.337  | 128  | 77937    | 8.799  | ng    | 98       |
| 9) Benzaldehyde               | 6.913  | 77   | 67547m   | 10.513 | ng    |          |
| 10) Phenol                    | 6.978  | 94   | 99362    | 8.781  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 79609    | 8.756  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 94257    | 9.350  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.796  | 146  | 96090    | 9.357  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.107  | 146  | 93300    | 9.352  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.007  | 79   | 71103    | 8.018  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.278  | 45   | 138959   | 9.346  | ng    | 98       |
| 17) 2-Methylphenol            | 8.207  | 107  | 67077    | 8.792  | ng    | 99       |
| 18) Hexachloroethane          | 8.831  | 117  | 36252    | 9.242  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.554  | 70   | 68213    | 9.222  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.537  | 107  | 88058    | 8.241  | ng    | 99       |
| 22) Acetophenone              | 8.572  | 105  | 130184   | 9.138  | ng    | # 97     |
| 24) Nitrobenzene              | 8.943  | 77   | 96781    | 8.927  | ng    | 97       |
| 25) Isophorone                | 9.466  | 82   | 193432   | 9.106  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.654  | 139  | 41028    | 8.524  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.719  | 122  | 76321    | 9.038  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 9.937  | 93   | 112758   | 9.183  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.207 | 162  | 71856    | 8.535  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.390 | 180  | 89376    | 9.419  | ng    | 99       |
| 31) Naphthalene               | 10.572 | 128  | 274007   | 9.533  | ng    | 99       |
| 32) Benzoic acid              | 9.837  | 122  | 45191m   | 7.198  | ng    |          |
| 33) 4-Chloroaniline           | 10.696 | 127  | 104287   | 8.705  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.860 | 225  | 58279    | 9.541  | ng    | 98       |
| 35) Caprolactam               | 11.466 | 113  | 28000m   | 8.645  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.825 | 107  | 90104    | 8.976  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 170398   | 9.230  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.401 | 142  | 184127   | 9.353  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 104709   | 9.250  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.531 | 237  | 42087    | 6.826  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 66063    | 8.877  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025727.D  
 Acq On : 11 Sep 2025 10:18  
 Operator : CG/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

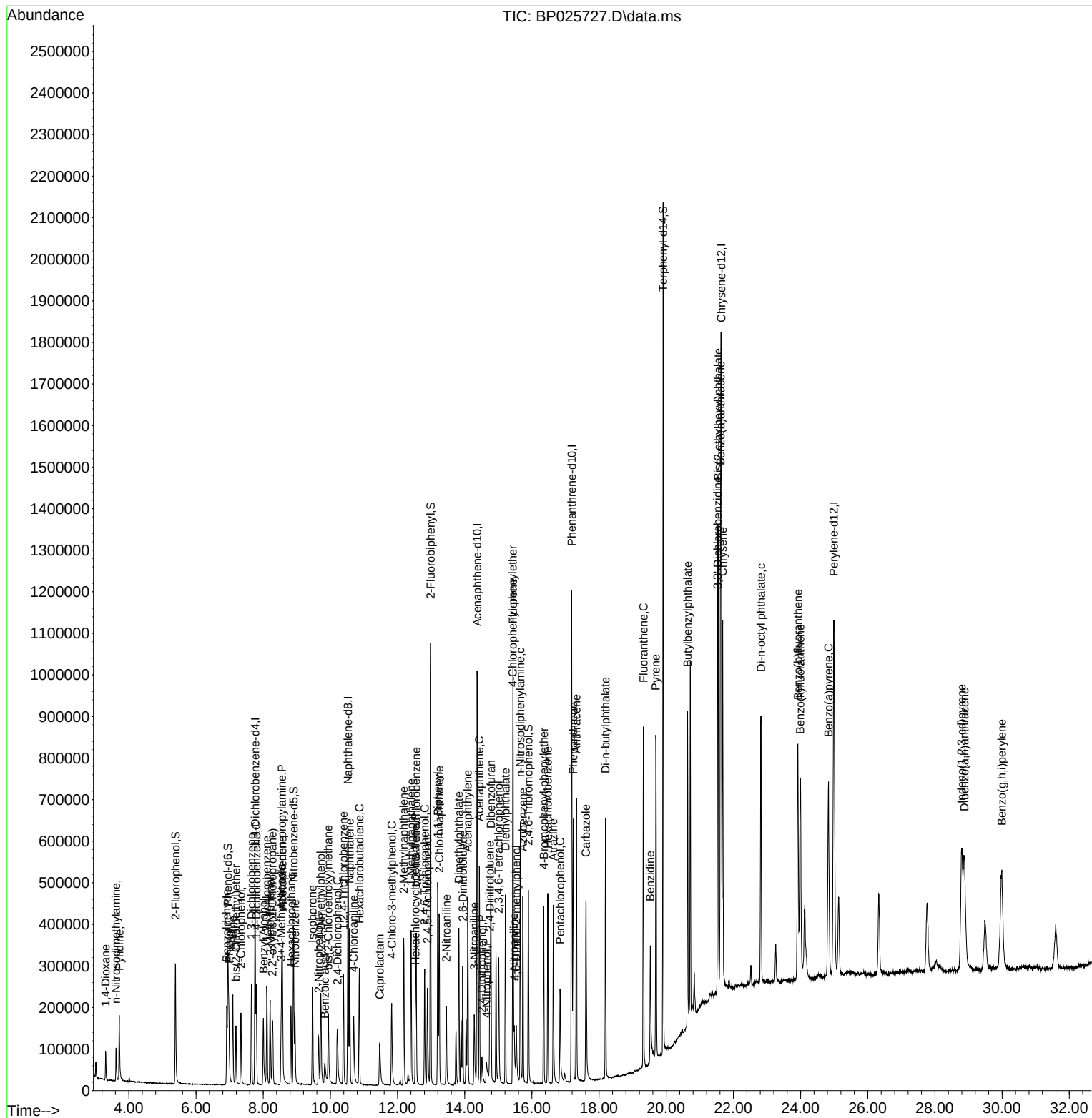
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.890 | 196  | 72578    | 8.763 | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.195 | 154  | 256914   | 9.370 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.242 | 162  | 203648   | 9.432 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 61991    | 8.613 | ng    | 97       |
| 49) Acenaphthylene            | 14.089 | 152  | 334623   | 9.354 | ng    | 99       |
| 50) Dimethylphthalate         | 13.825 | 163  | 267725   | 9.387 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.942 | 165  | 54414    | 9.005 | ng    | 99       |
| 52) Acenaphthene              | 14.437 | 154  | 196467   | 9.523 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.284 | 138  | 52642    | 8.285 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.513 | 184  | 20208    | 9.658 | ng    | 96       |
| 55) Dibenzofuran              | 14.778 | 168  | 327607   | 9.743 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.648 | 139  | 27599    | 9.243 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 14.748 | 165  | 74291    | 8.639 | ng    | 99       |
| 58) Fluorene                  | 15.436 | 166  | 258111   | 9.654 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.013 | 232  | 67402    | 9.034 | ng    | 100      |
| 60) Diethylphthalate          | 15.213 | 149  | 274993   | 9.505 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.431 | 204  | 130552   | 9.689 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 52570    | 8.082 | ng    | 94       |
| 63) Azobenzene                | 15.731 | 77   | 258320   | 9.235 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 36614    | 7.026 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.654 | 169  | 224671   | 9.369 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 79245    | 9.206 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 90039    | 9.379 | ng    | 99       |
| 69) Atrazine                  | 16.636 | 200  | 82175    | 8.965 | ng    | 98       |
| 70) Pentachlorophenol         | 16.836 | 266  | 51635    | 8.150 | ng    | 93       |
| 71) Phenanthrene              | 17.230 | 178  | 429178   | 9.655 | ng    | 99       |
| 72) Anthracene                | 17.325 | 178  | 425513   | 9.435 | ng    | 98       |
| 73) Carbazole                 | 17.607 | 167  | 390923   | 9.323 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.189 | 149  | 475436   | 9.240 | ng    | 99       |
| 75) Fluoranthene              | 19.319 | 202  | 507116   | 9.513 | ng    | 100      |
| 77) Benzidine                 | 19.525 | 184  | 226459   | 9.078 | ng    | 100      |
| 78) Pyrene                    | 19.689 | 202  | 538053   | 9.311 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 221238   | 8.731 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.613 | 228  | 563687   | 9.507 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.530 | 252  | 184095   | 8.980 | ng    | 100      |
| 83) Chrysene                  | 21.683 | 228  | 542537   | 9.599 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 338402   | 9.129 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.818 | 149  | 569524   | 8.637 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.789 | 276  | 637024   | 9.173 | ng    | # 85     |
| 88) Benzo(b)fluoranthene      | 23.918 | 252  | 546577   | 9.360 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.989 | 252  | 558830   | 9.378 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.830 | 252  | 525444   | 9.188 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.871 | 278  | 513228   | 9.031 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.995 | 276  | 514884   | 9.213 | ng    | 99       |

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

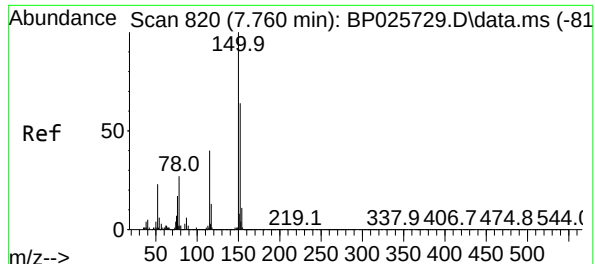
**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC010

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

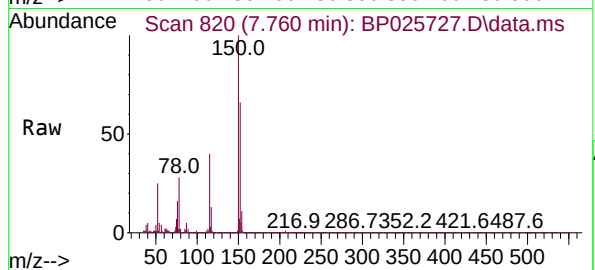






#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.760 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

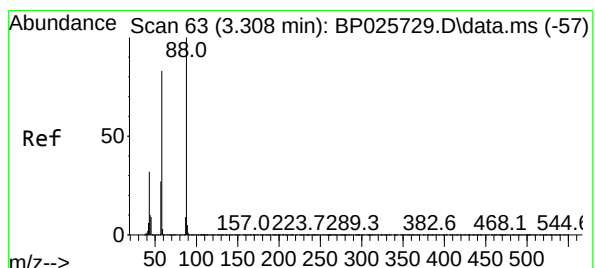
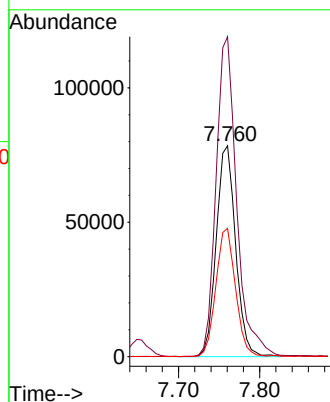
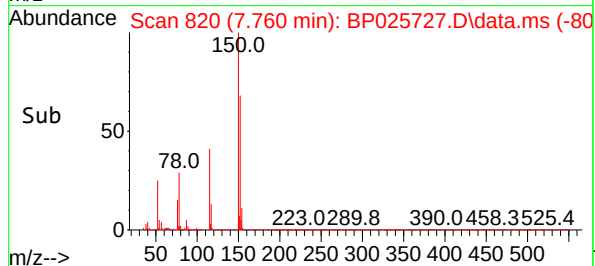
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion: 152 Resp: 130279  
Ion Ratio Lower Upper  
152 100  
150 151.8 124.3 186.5  
115 60.8 50.3 75.5

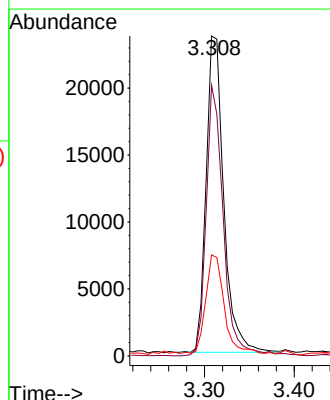
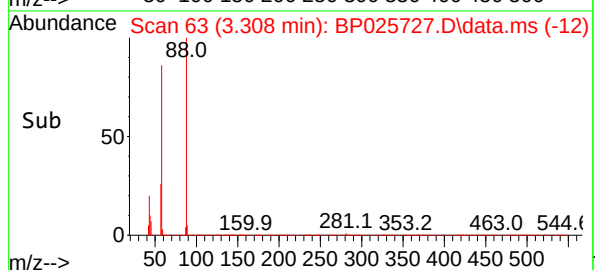
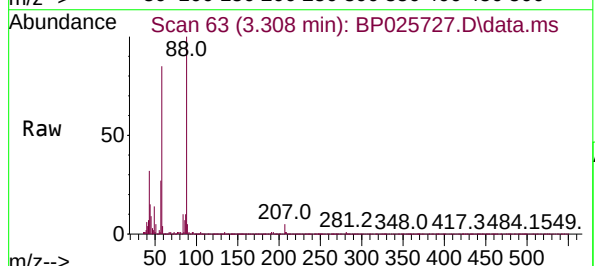
Manual Integrations  
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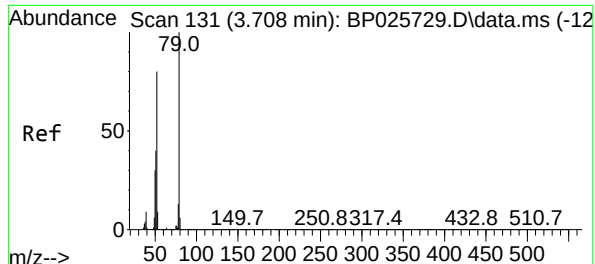
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#2  
1,4-Dioxane  
Concen: 9.545 ng  
RT: 3.308 min Scan# 63  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion: 88 Resp: 32347  
Ion Ratio Lower Upper  
88 100  
58 83.4 65.5 98.3  
43 32.9 25.2 37.8





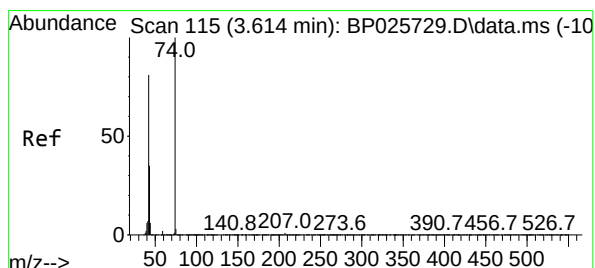
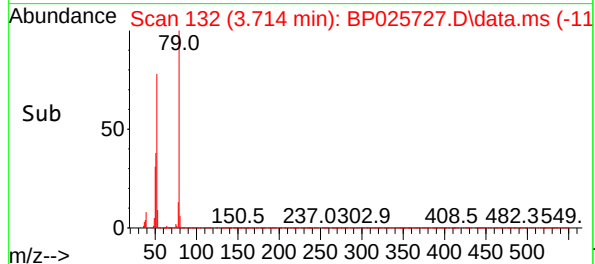
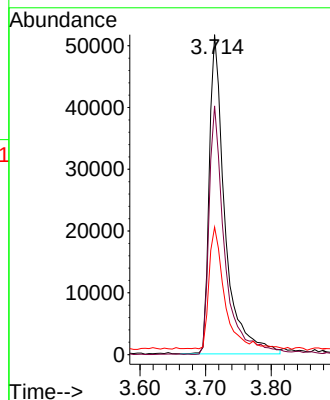
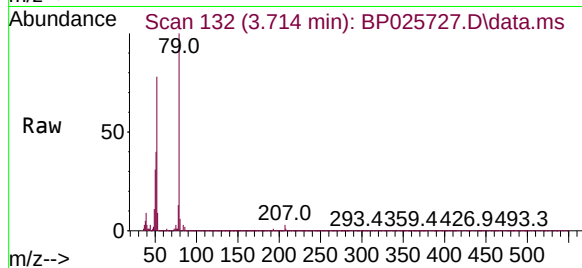
#3  
Pyridine  
Concen: 9.191 ng  
RT: 3.714 min Scan# 131  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion: 79 Resp: 85764  
Ion Ratio Lower Upper  
79 100  
52 77.7 63.7 95.5  
51 39.8 32.4 48.6

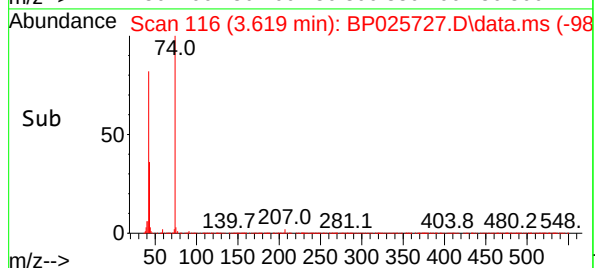
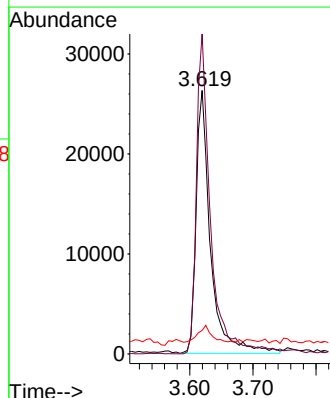
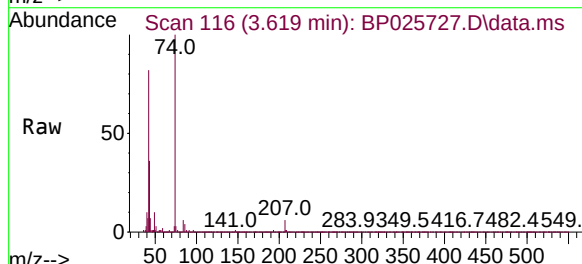
Manual Integrations  
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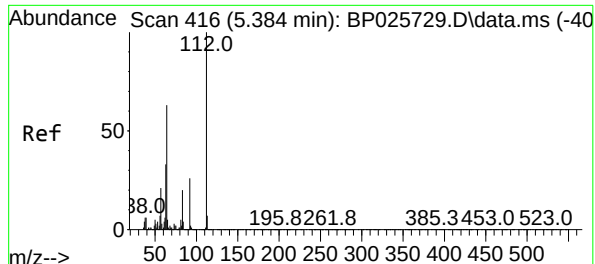
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#4  
n-Nitrosodimethylamine  
Concen: 9.452 ng  
RT: 3.619 min Scan# 116  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion: 42 Resp: 41618  
Ion Ratio Lower Upper  
42 100  
74 121.4 99.2 148.8  
44 8.9 6.4 9.6





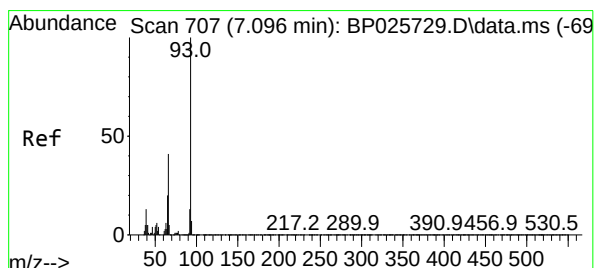
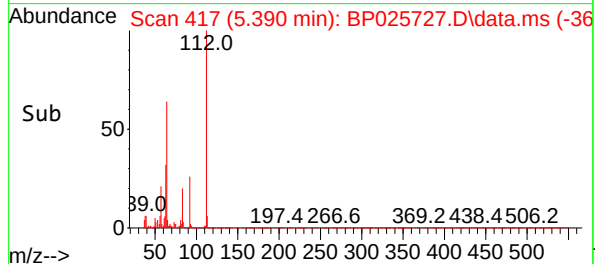
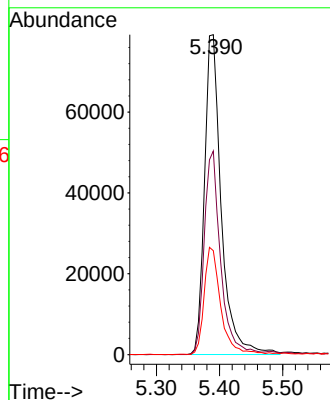
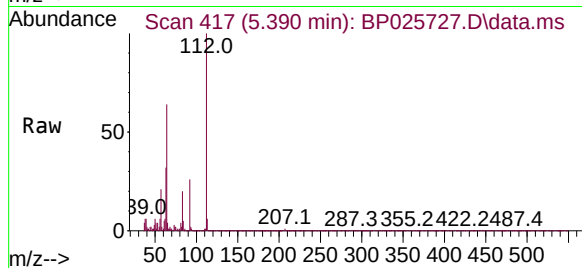
#5  
2-Fluorophenol  
Concen: 18.121 ng  
RT: 5.390 min Scan# 416  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion: 112 Resp: 146309  
Ion Ratio Lower Upper  
112 100  
64 63.6 50.2 75.4  
63 32.5 26.7 40.1

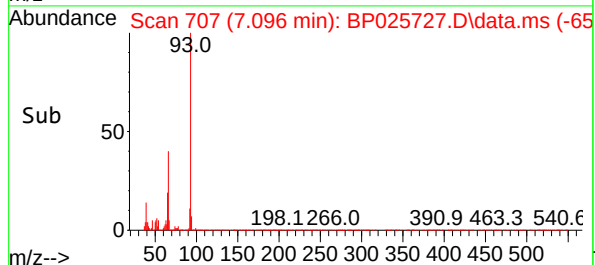
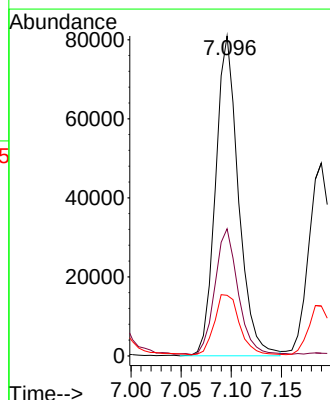
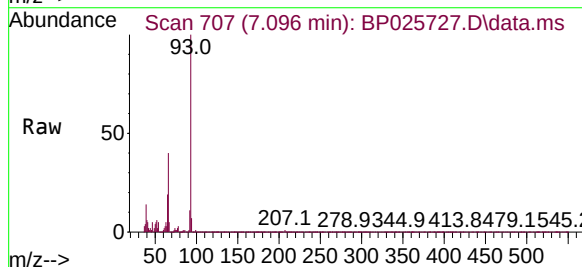
Manual Integrations  
APPROVED

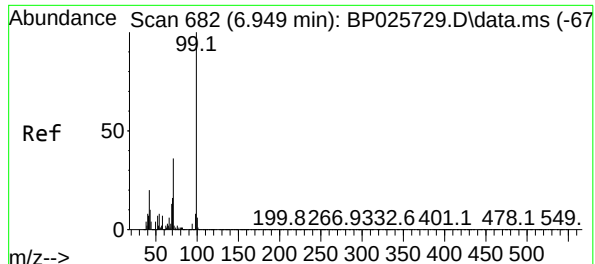
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#6  
Aniline  
Concen: 8.757 ng  
RT: 7.096 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion: 93 Resp: 129012  
Ion Ratio Lower Upper  
93 100  
66 39.7 32.6 49.0  
65 18.9 16.2 24.2





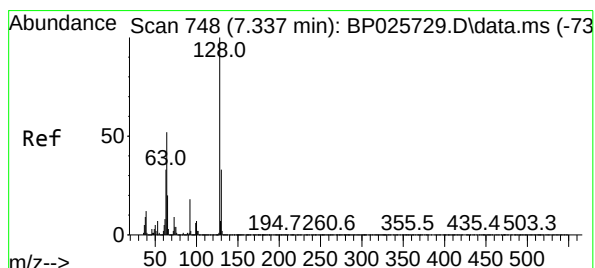
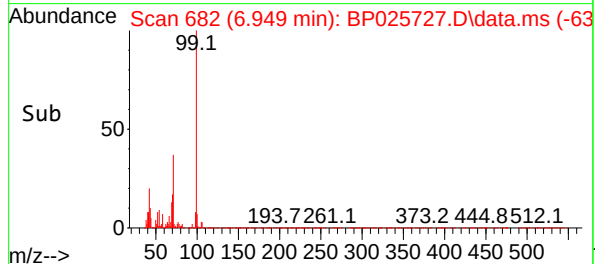
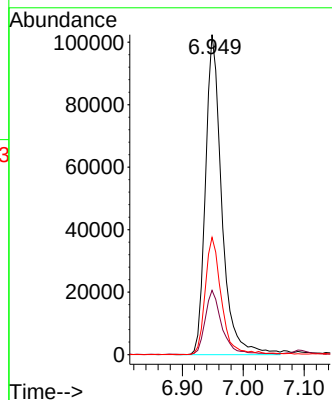
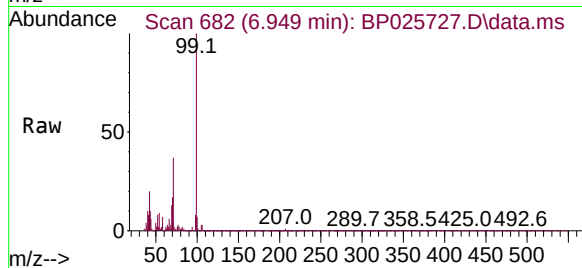
#7  
Phenol-d6  
Concen: 17.726 ng  
RT: 6.949 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion: 99 Resp: 190237  
Ion Ratio Lower Upper  
99 100  
42 20.1 15.6 23.4  
71 36.6 28.6 43.0

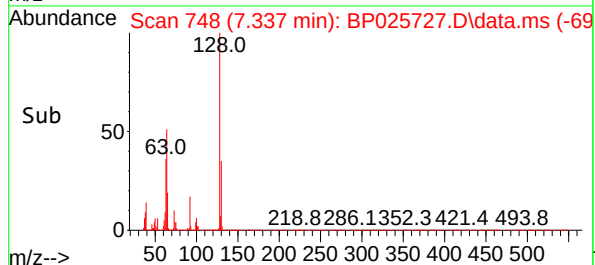
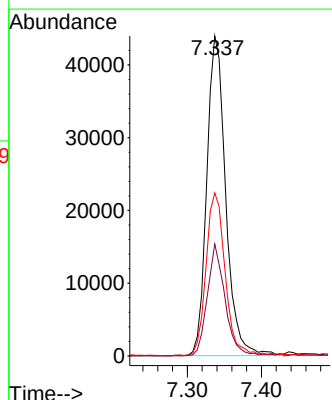
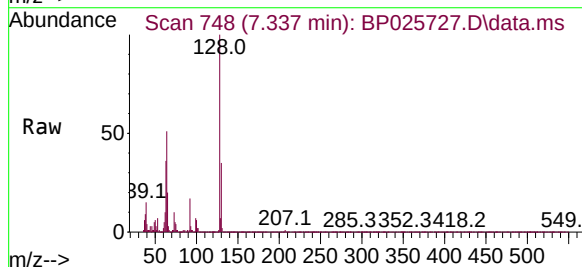
Manual Integrations  
APPROVED

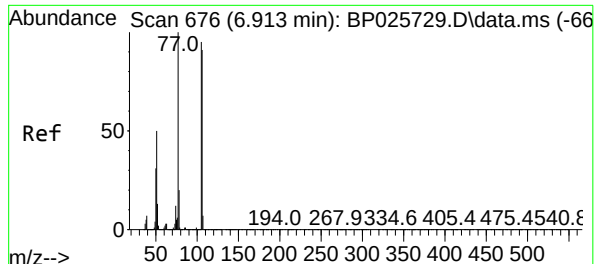
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#8  
2-Chlorophenol  
Concen: 8.799 ng  
RT: 7.337 min Scan# 748  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

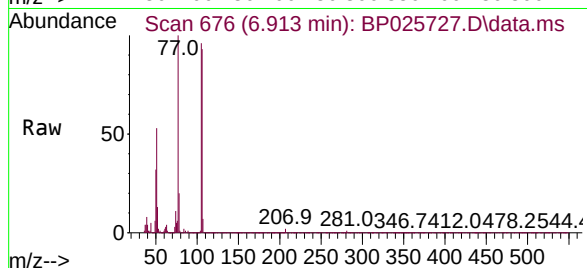
Tgt Ion:128 Resp: 77937  
Ion Ratio Lower Upper  
128 100  
130 35.0 12.6 52.6  
64 50.9 31.6 71.6





#9  
Benzaldehyde  
Concen: 10.513 ng m  
RT: 6.913 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

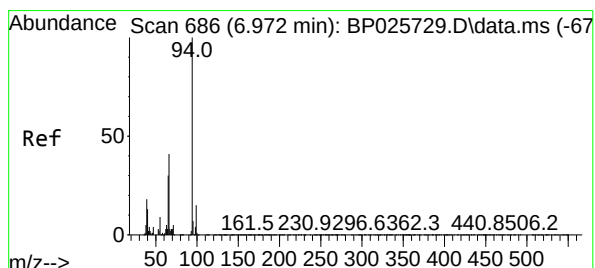
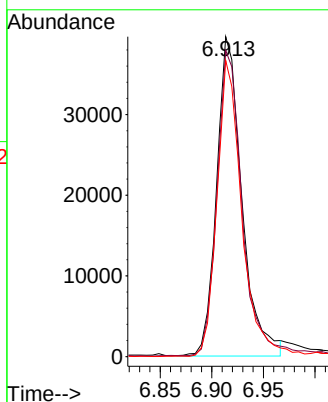
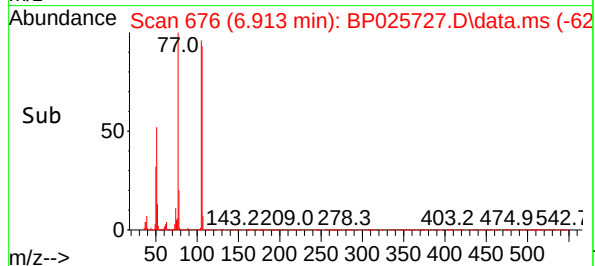
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion: 77 Resp: 6754  
Ion Ratio Lower Upper  
77 100  
105 95.6 75.2 115.2  
106 92.5 71.3 111.3

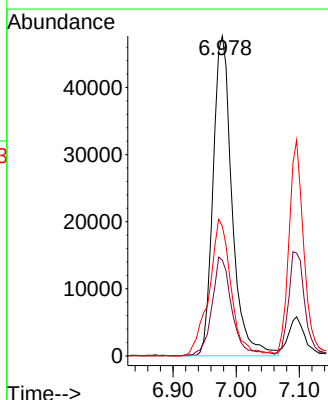
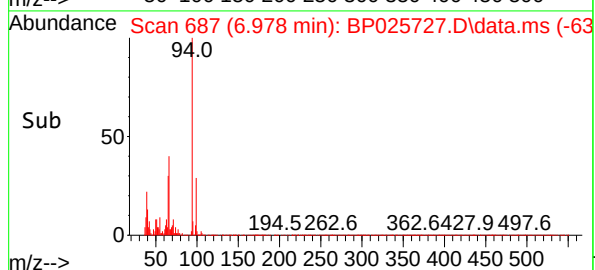
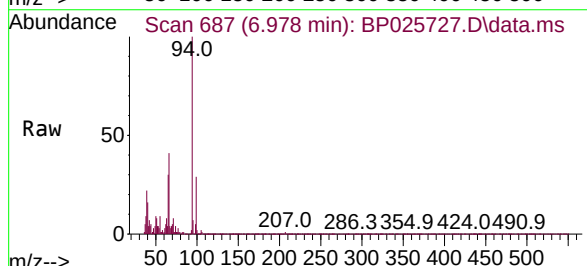
Manual Integrations  
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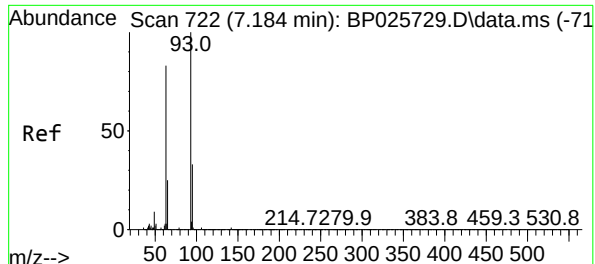
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#10  
Phenol  
Concen: 8.781 ng  
RT: 6.978 min Scan# 687  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion: 94 Resp: 99362  
Ion Ratio Lower Upper  
94 100  
65 29.9 10.2 50.2  
66 40.5 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 8.756 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 79609

Ion Ratio Lower Upper

93 100

63 83.5 62.6 102.6

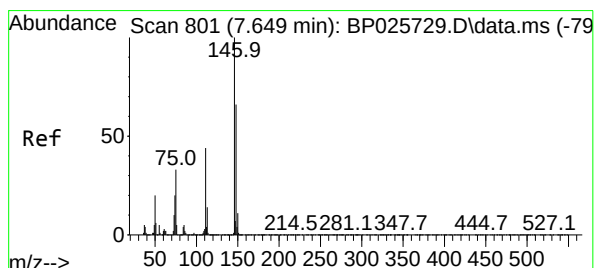
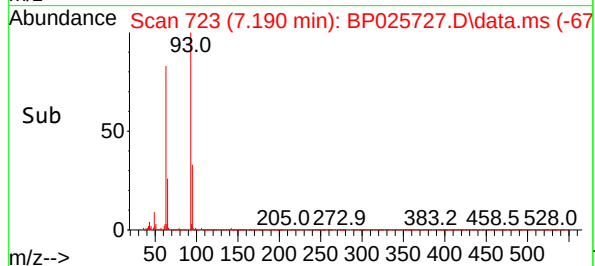
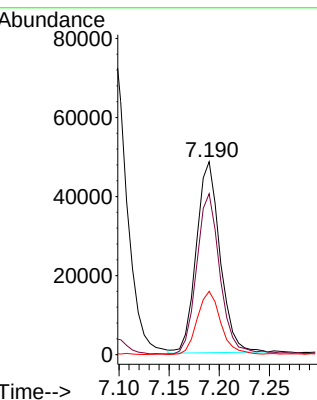
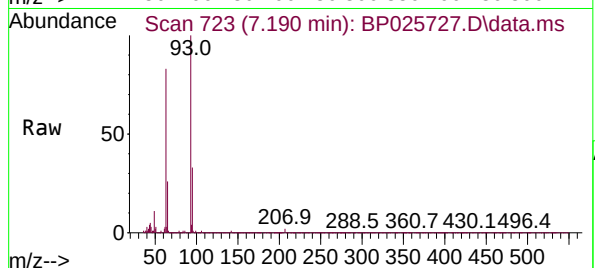
95 32.8 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 9.350 ng

RT: 7.649 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

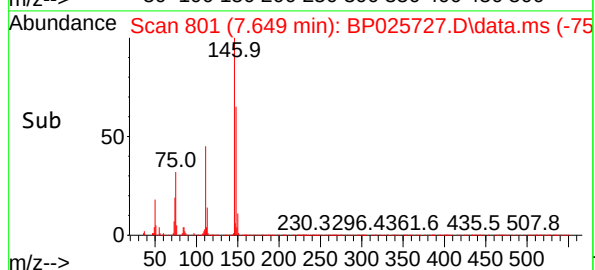
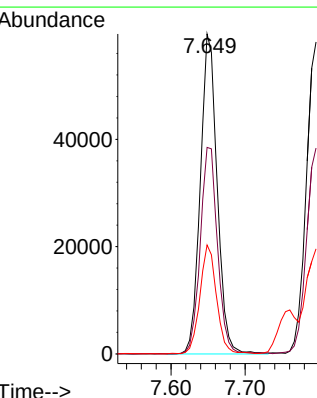
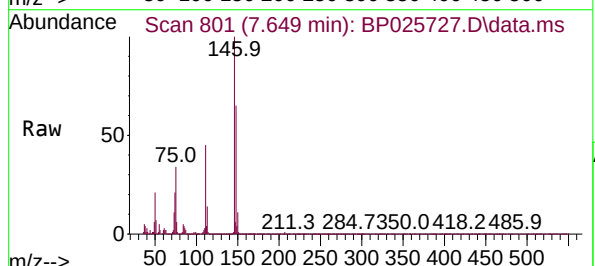
Tgt Ion:146 Resp: 94257

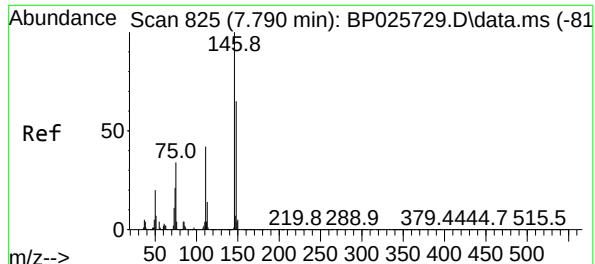
Ion Ratio Lower Upper

146 100

148 64.5 52.7 79.1

75 34.0 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 9.357 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 96090

Ion Ratio Lower Upper

146 100

148 66.0 52.0 78.0

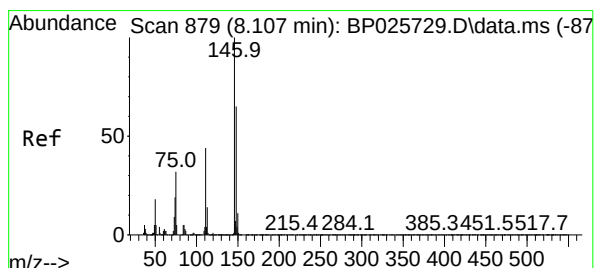
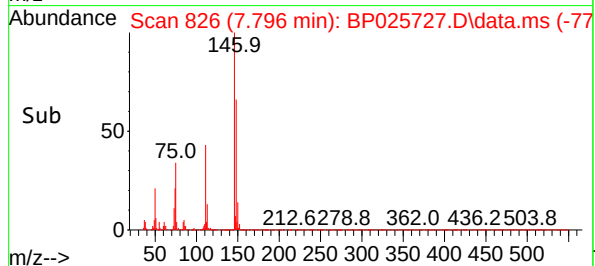
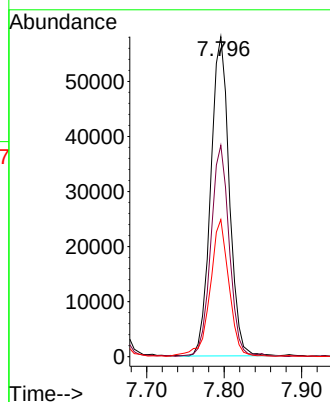
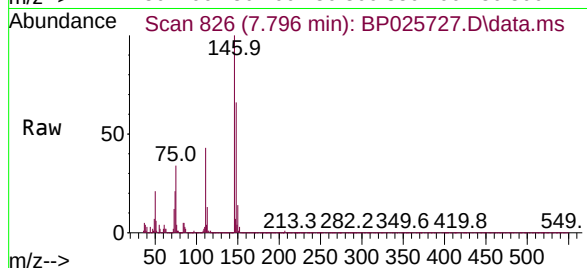
111 42.8 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 9.352 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

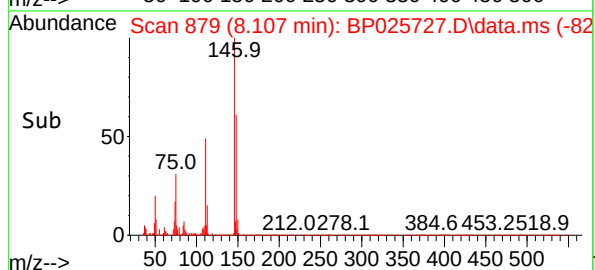
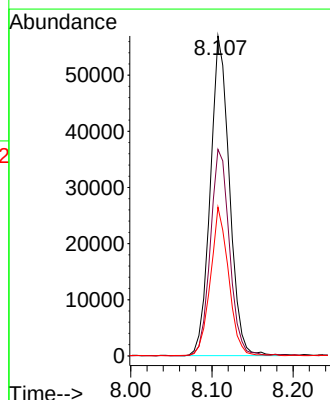
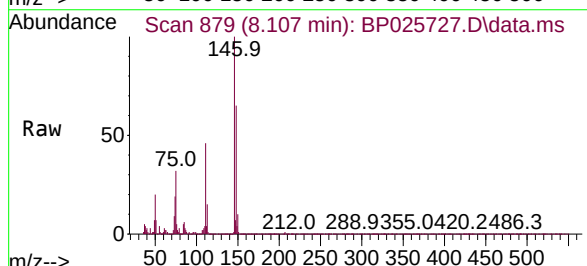
Tgt Ion:146 Resp: 93300

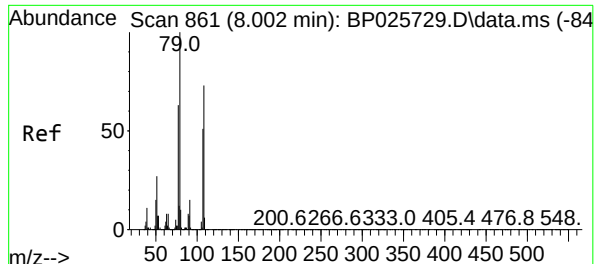
Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

111 46.5 35.5 53.3





#15

Benzyl Alcohol

Concen: 8.018 ng

RT: 8.007 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 71103

Ion Ratio Lower Upper

79 100

108 73.0 58.7 88.1

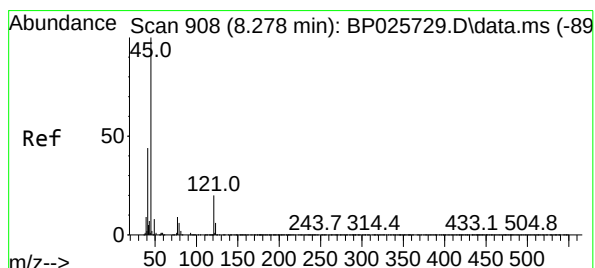
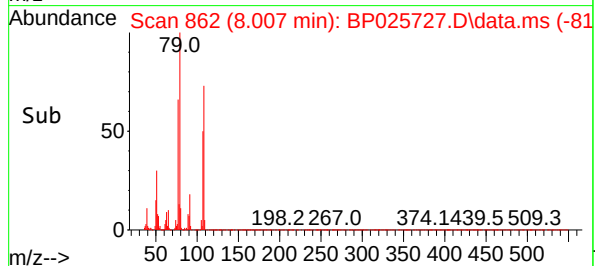
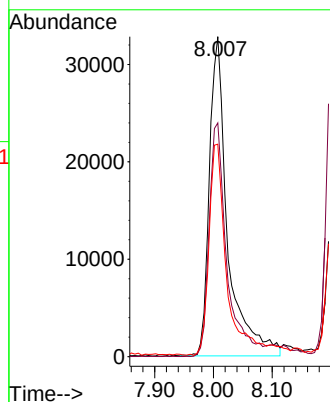
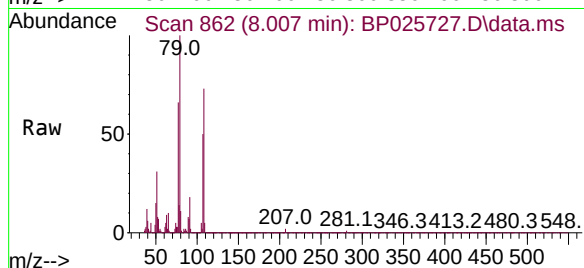
77 66.4 50.2 75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.346 ng

RT: 8.278 min Scan# 908

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

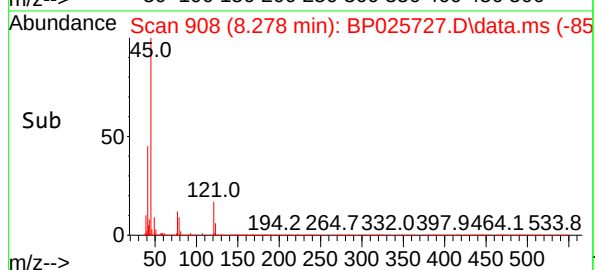
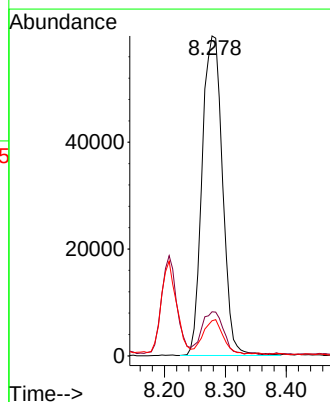
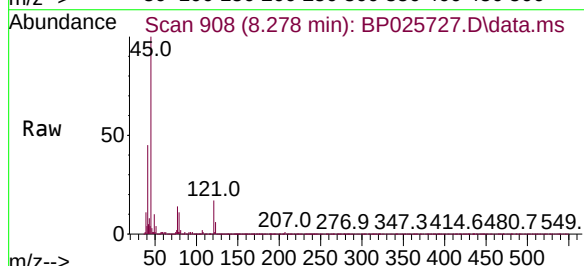
Tgt Ion: 45 Resp: 138959

Ion Ratio Lower Upper

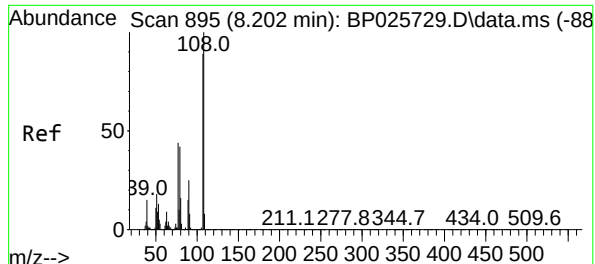
45 100

77 13.8 0.0 33.1

79 11.0 0.0 30.0







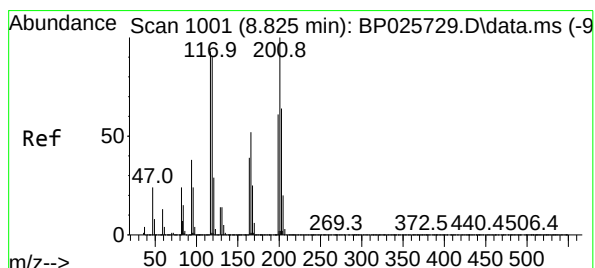
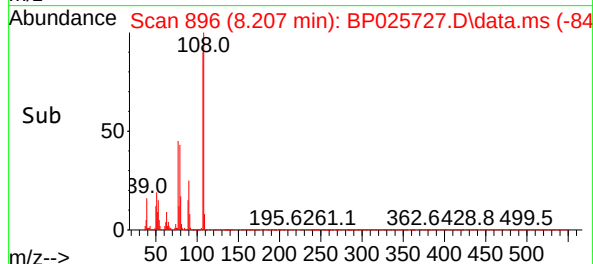
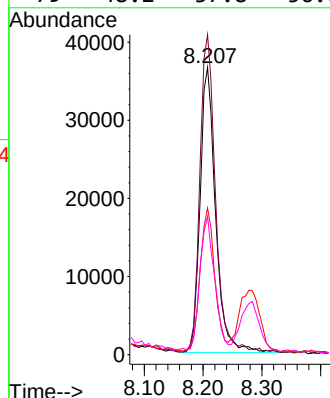
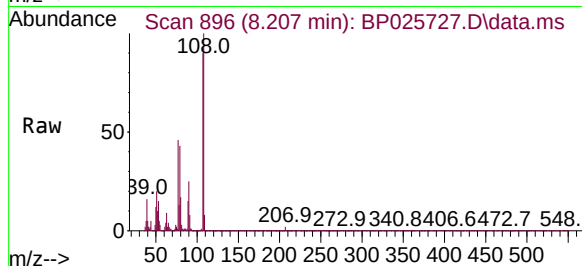
#17  
2-Methylphenol  
Concen: 8.792 ng  
RT: 8.207 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.5 | 89.6  | 134.4 |
| 77      | 51.1  | 39.3  | 58.9  |
| 79      | 48.2  | 37.8  | 56.6  |

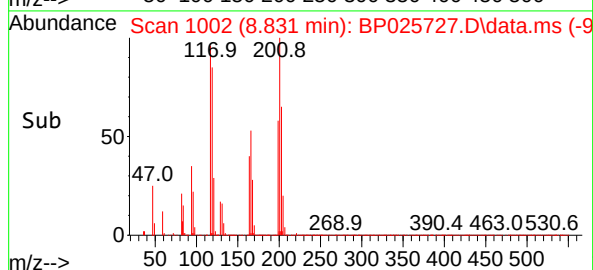
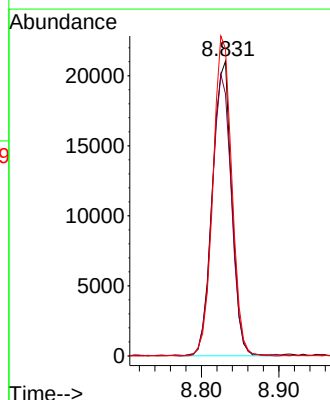
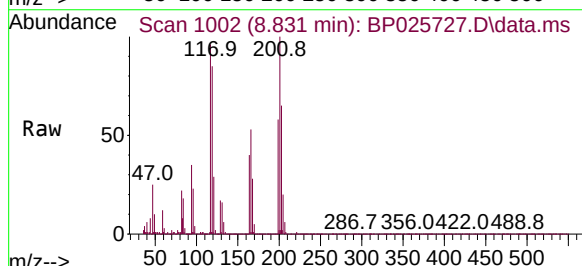
Manual Integrations  
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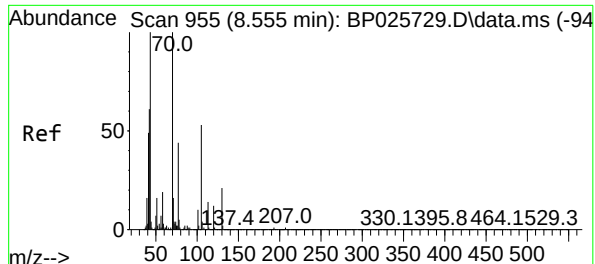
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#18  
Hexachloroethane  
Concen: 9.242 ng  
RT: 8.831 min Scan# 1002  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 88.9  | 77.1  | 115.7 |
| 201     | 104.2 | 85.6  | 128.4 |





#19

n-Nitroso-di-n-propylamine

Concen: 9.222 ng

RT: 8.554 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 6821

Ion Ratio Lower Upper

70 100

42 63.1 49.0 73.4

101 10.5 7.9 11.9

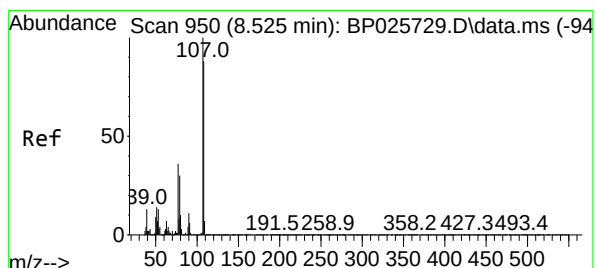
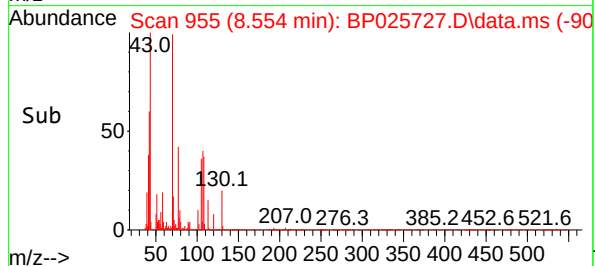
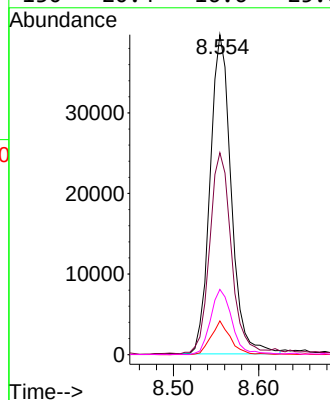
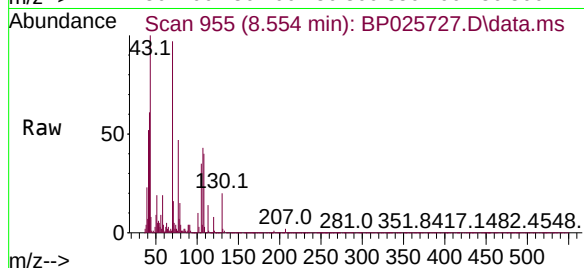
130 20.4 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 8.241 ng

RT: 8.537 min Scan# 952

Delta R.T. 0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 88058

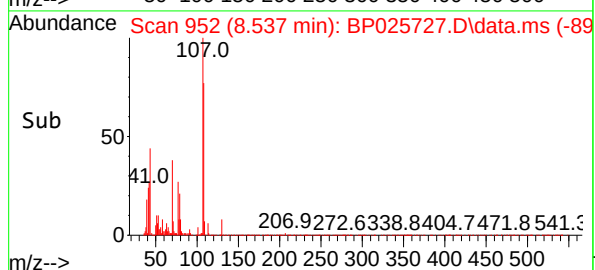
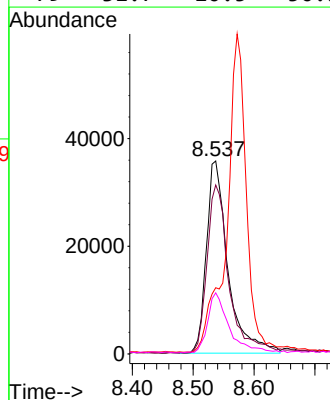
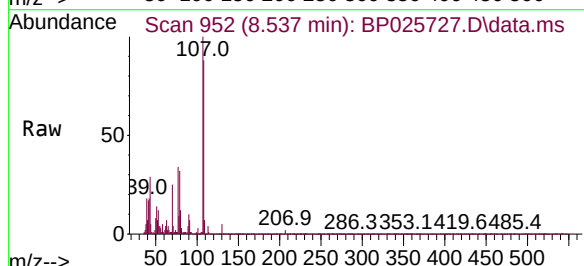
Ion Ratio Lower Upper

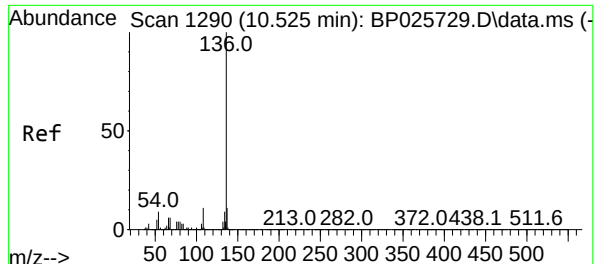
107 100

108 87.5 67.8 107.8

77 34.3 16.1 56.1

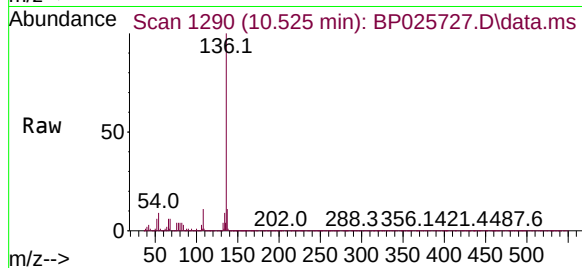
79 31.7 10.5 50.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.525 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

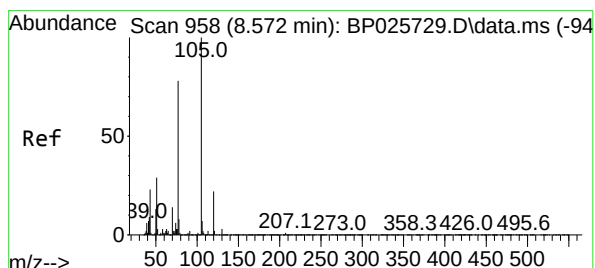
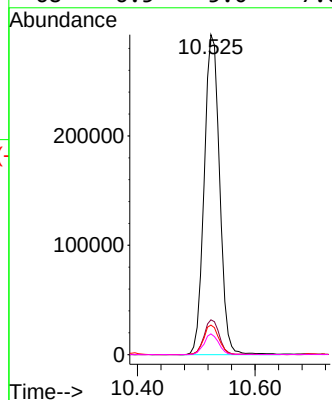
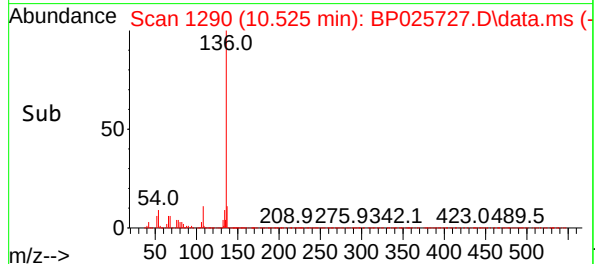
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion:136 Resp: 533074  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 9.2 7.5 11.3  
68 6.5 5.0 7.6

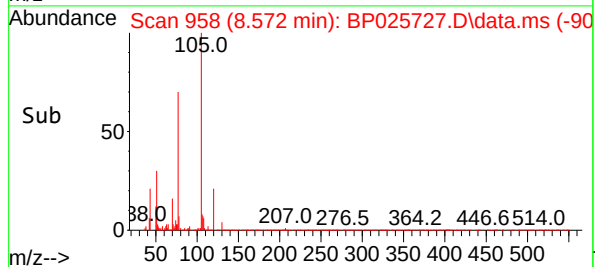
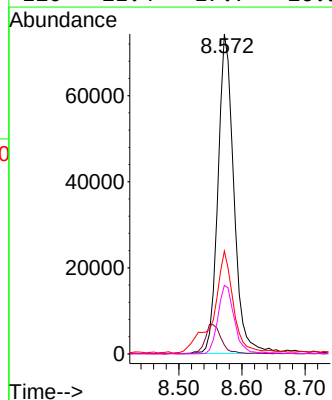
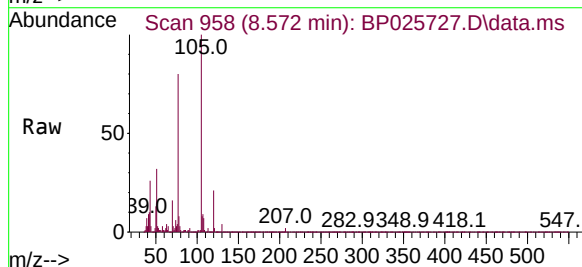
Manual Integrations  
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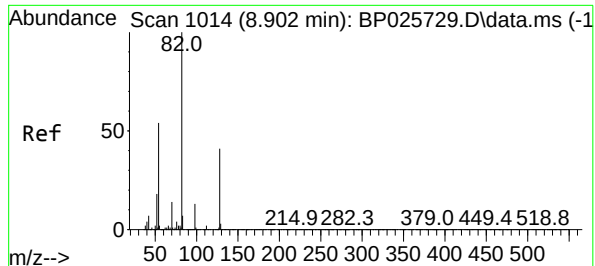
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#22  
Acetophenone  
Concen: 9.138 ng  
RT: 8.572 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:105 Resp: 130184  
Ion Ratio Lower Upper  
105 100  
71 2.8 1.8 2.8#  
51 32.1 23.5 35.3  
120 21.4 17.7 26.5





#23

Nitrobenzene-d5

Concen: 18.070 ng

RT: 8.902 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 218368

Ion Ratio Lower Upper

82 100

128 39.4 32.9 49.3

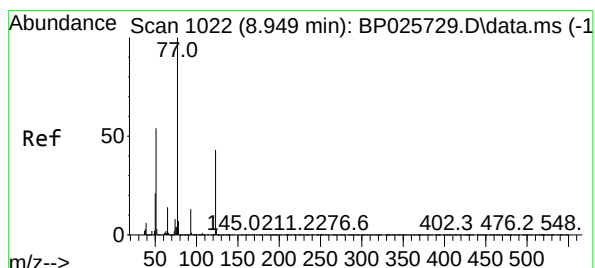
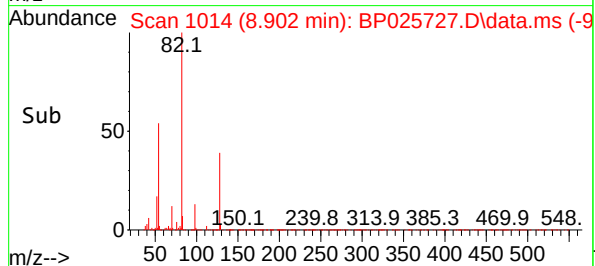
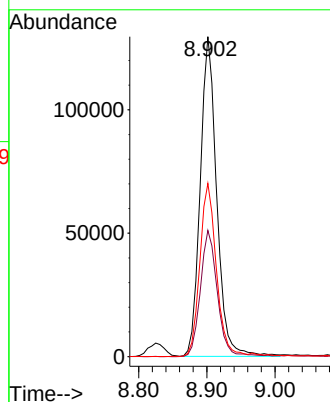
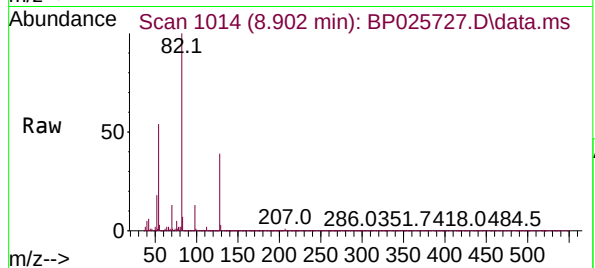
54 54.1 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 8.927 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

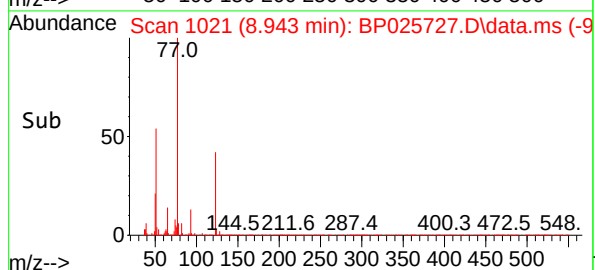
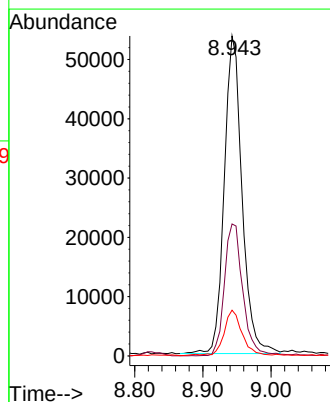
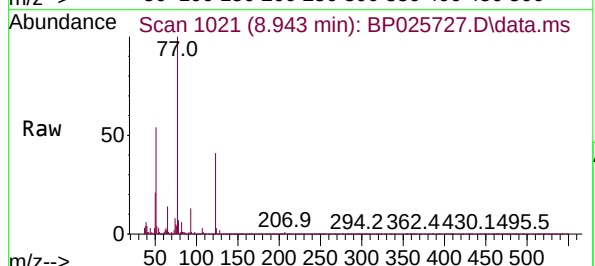
Tgt Ion: 77 Resp: 96781

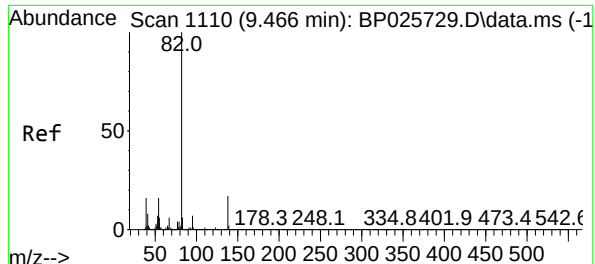
Ion Ratio Lower Upper

77 100

123 41.2 34.4 51.6

65 14.3 10.8 16.2





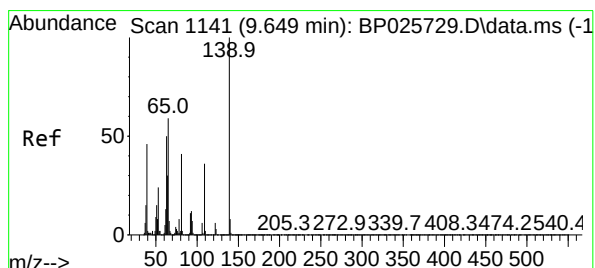
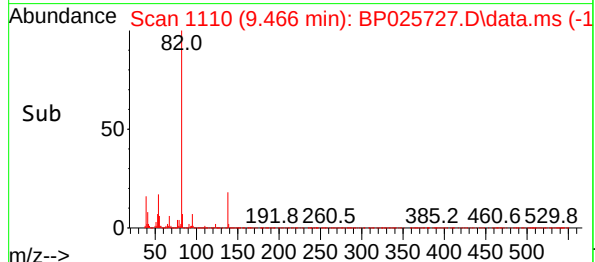
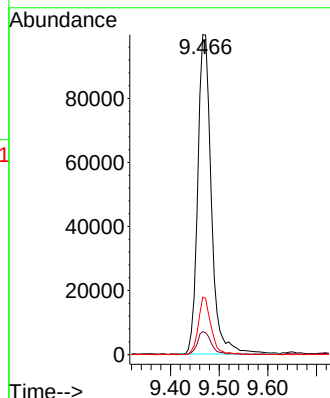
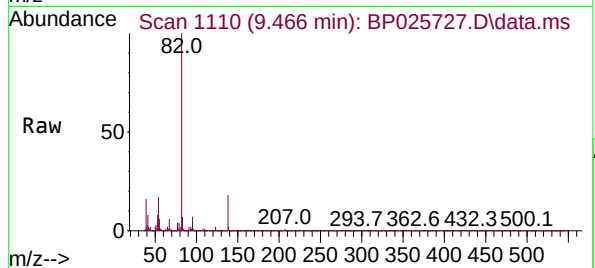
#25  
Isophorone  
Concen: 9.106 ng  
RT: 9.466 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion: 82 Resp: 193432  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.8  
138 17.9 13.5 20.3

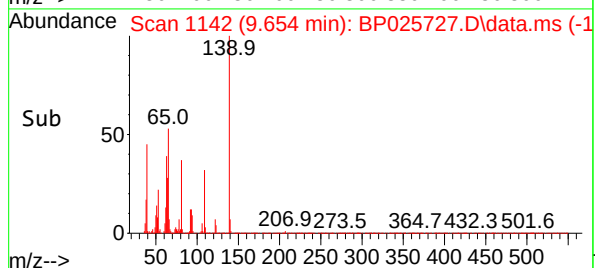
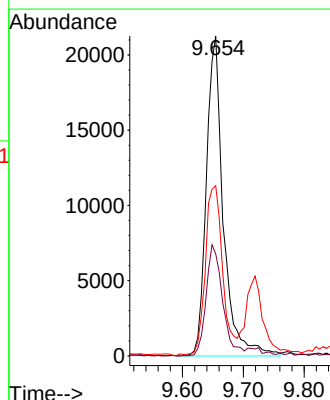
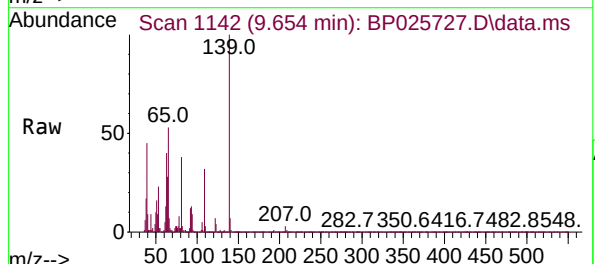
Manual Integrations  
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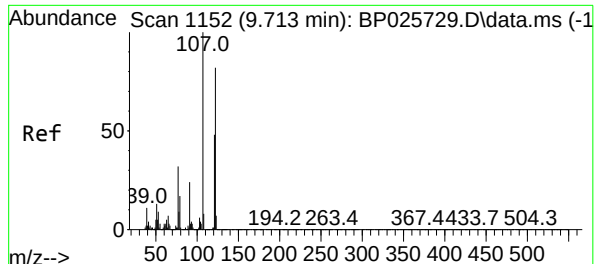
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#26  
2-Nitrophenol  
Concen: 8.524 ng  
RT: 9.654 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

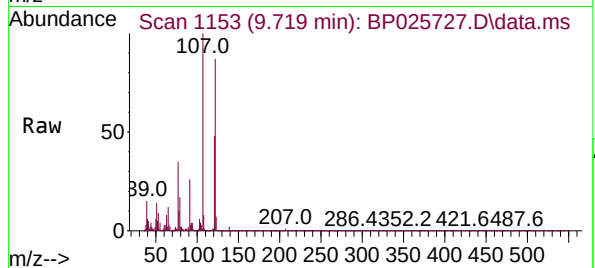
Tgt Ion:139 Resp: 41028  
Ion Ratio Lower Upper  
139 100  
109 31.9 29.0 43.4  
65 53.2 46.9 70.3





#27  
2,4-Dimethylphenol  
Concen: 9.038 ng  
RT: 9.719 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

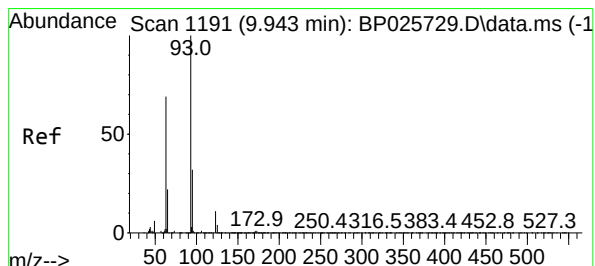
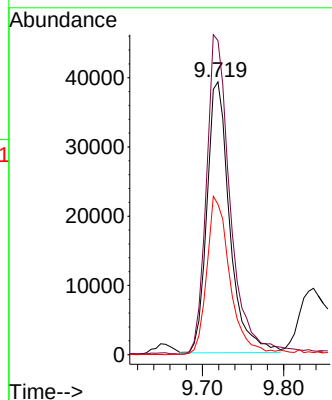
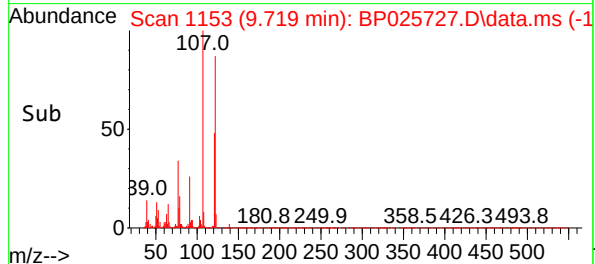
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion: 122 Resp: 7632  
Ion Ratio Lower Upper  
122 100  
107 115.2 97.9 146.9  
121 55.1 47.4 71.0

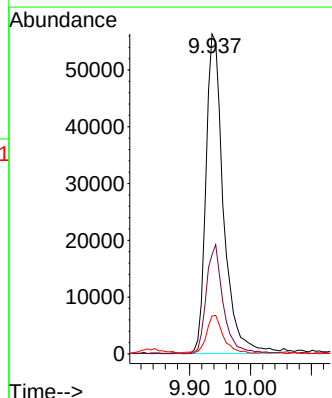
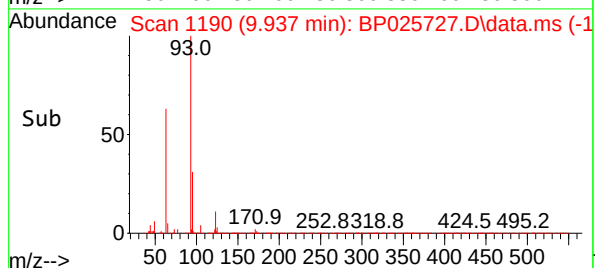
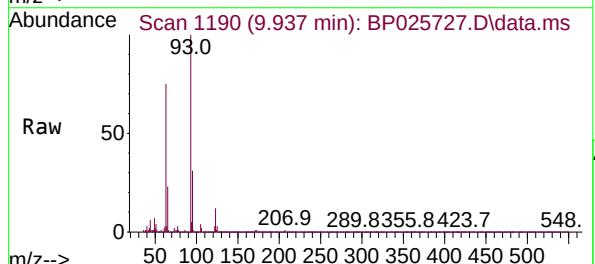
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APPROVED

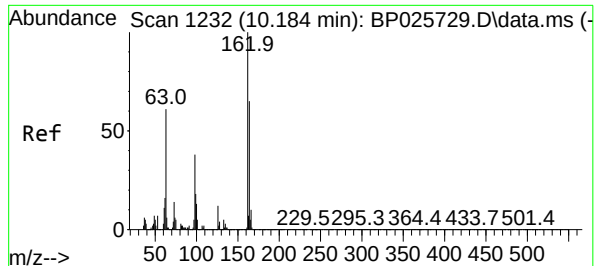
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 9.183 ng  
RT: 9.937 min Scan# 1190  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion: 93 Resp: 112758  
Ion Ratio Lower Upper  
93 100  
95 31.0 25.6 38.4  
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 8.535 ng

RT: 10.207 min Scan# 1236

Delta R.T. 0.023 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 71856

Ion Ratio Lower Upper

162 100

164 68.2 44.7 84.7

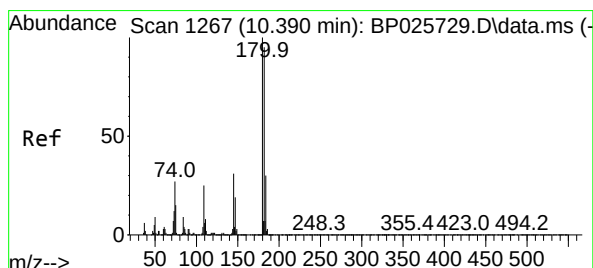
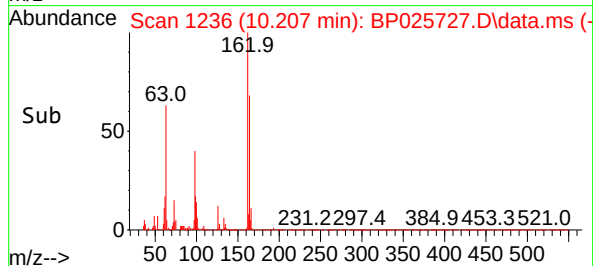
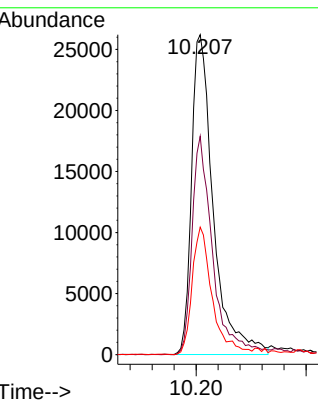
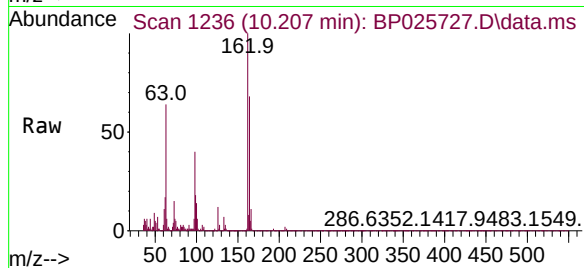
98 39.8 18.1 58.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.419 ng

RT: 10.390 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

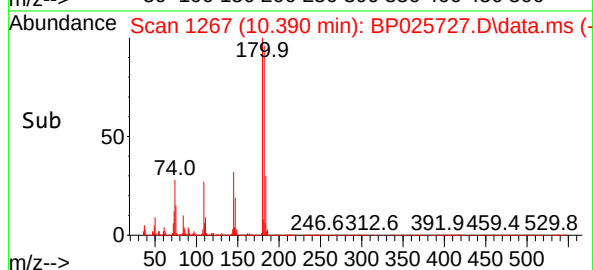
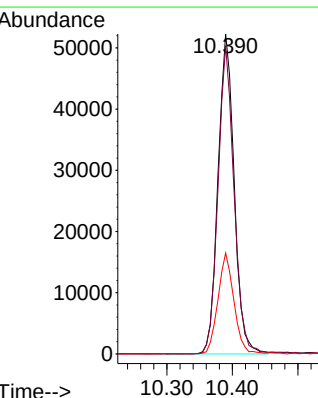
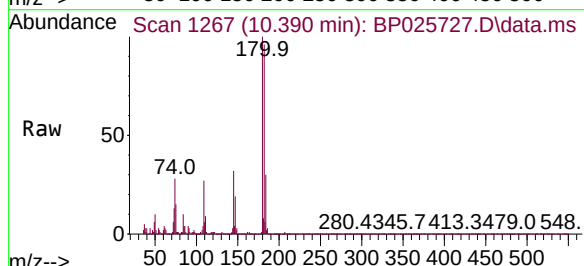
Tgt Ion:180 Resp: 89376

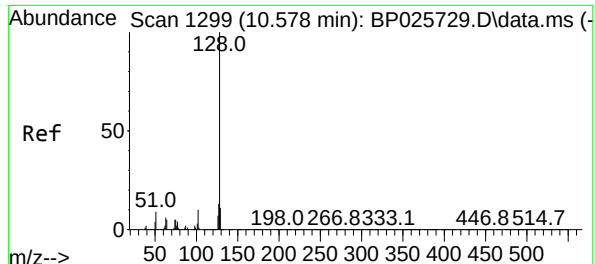
Ion Ratio Lower Upper

180 100

182 96.3 76.0 114.0

145 31.5 24.7 37.1





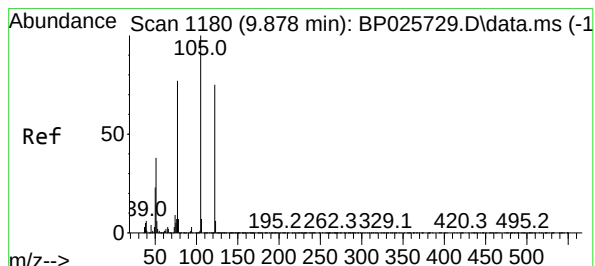
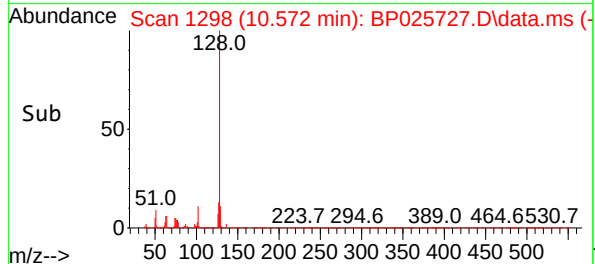
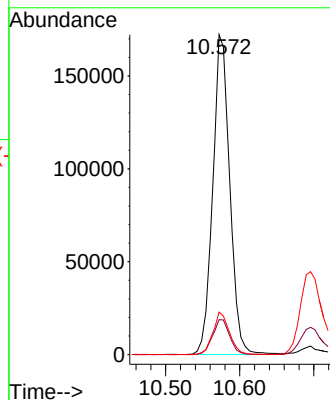
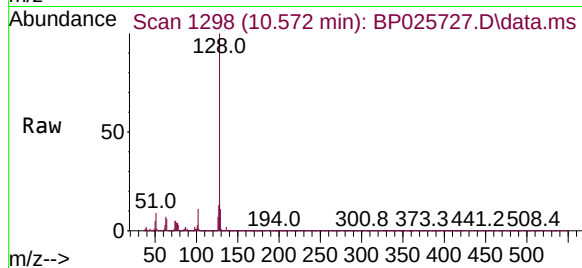
#31  
Naphthalene  
Concen: 9.533 ng  
RT: 10.572 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
Client Sample Id :  
SSTDICC010

Tgt Ion:128 Resp: 27400  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 12.8  
127 13.3 10.2 15.4

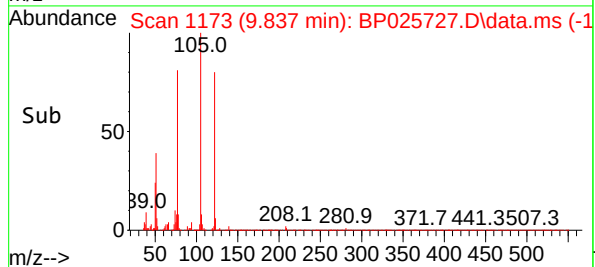
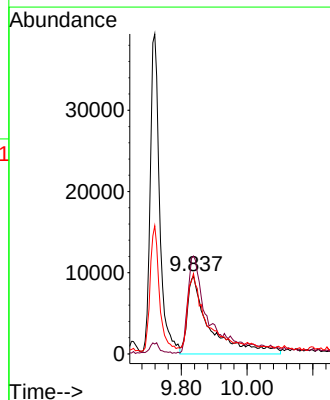
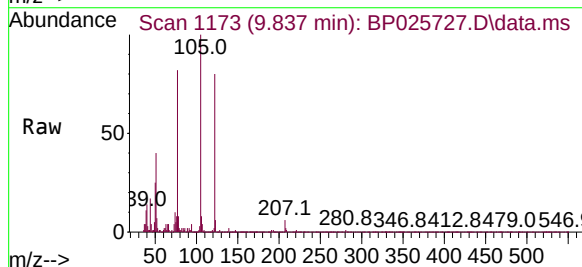
Manual Integrations  
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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

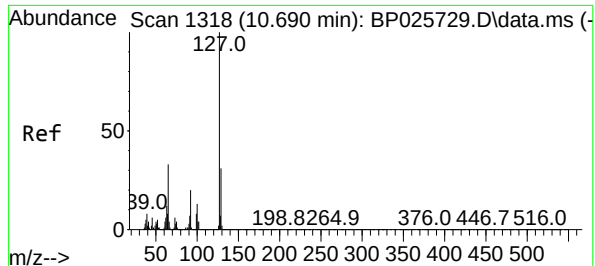


#32  
Benzoic acid  
Concen: 7.198 ng m  
RT: 9.837 min Scan# 1173  
Delta R.T. -0.041 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:122 Resp: 45191  
Ion Ratio Lower Upper  
122 100  
105 125.6 111.5 151.5  
77 103.1 81.8 121.8

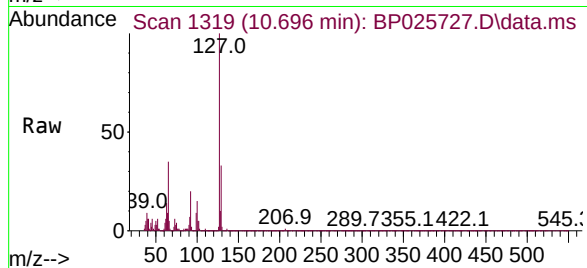






#33  
4-Chloroaniline  
Concen: 8.705 ng  
RT: 10.696 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

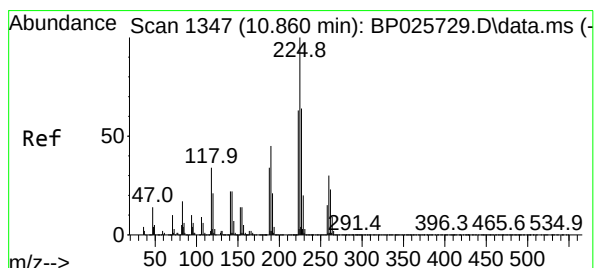
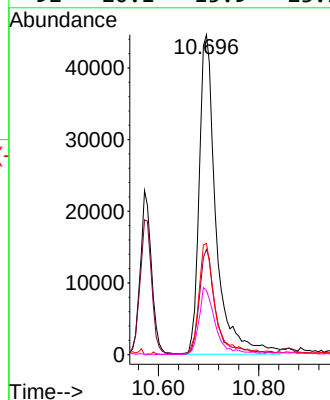
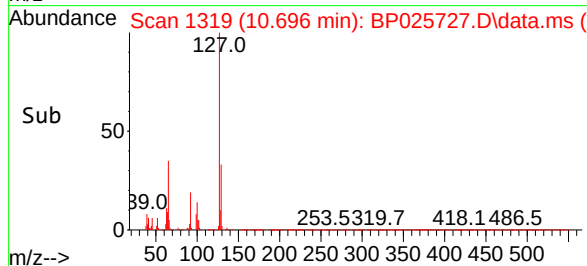
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion:127 Resp: 10428  
Ion Ratio Lower Upper  
127 100  
129 32.9 25.1 37.7  
65 34.8 26.4 39.6  
92 20.1 15.9 23.9

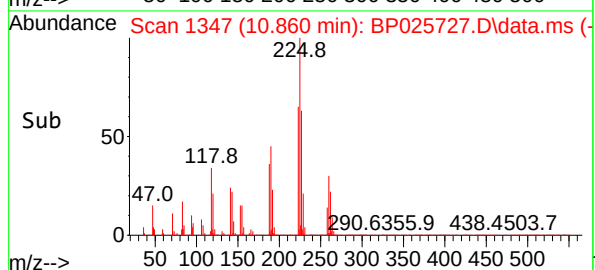
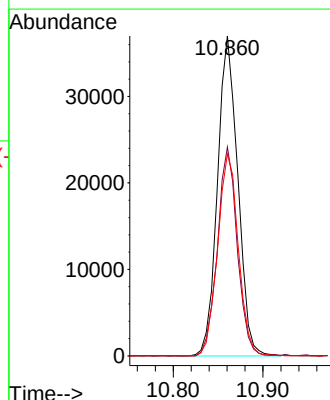
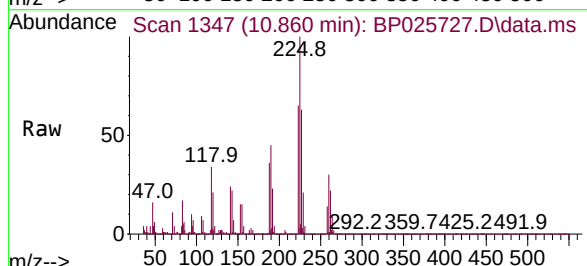
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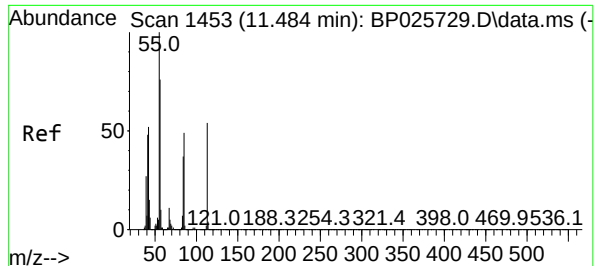
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#34  
Hexachlorobutadiene  
Concen: 9.541 ng  
RT: 10.860 min Scan# 1347  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

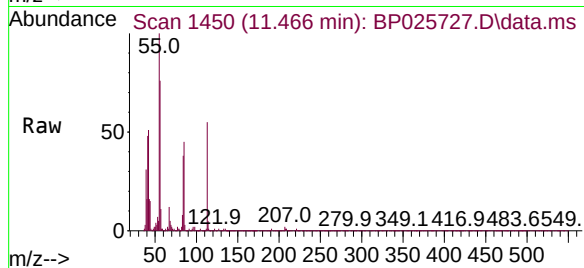
Tgt Ion:225 Resp: 58279  
Ion Ratio Lower Upper  
225 100  
223 65.3 50.1 75.1  
227 63.1 51.2 76.8





#35  
Caprolactam  
Concen: 8.645 ng m  
RT: 11.466 min Scan# 1453  
Delta R.T. -0.018 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

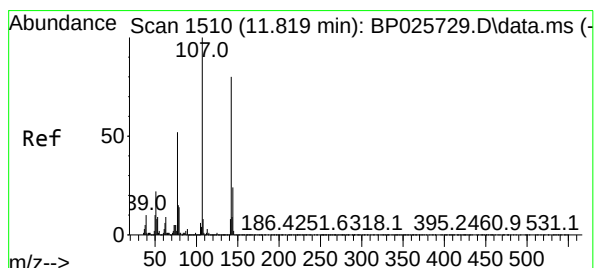
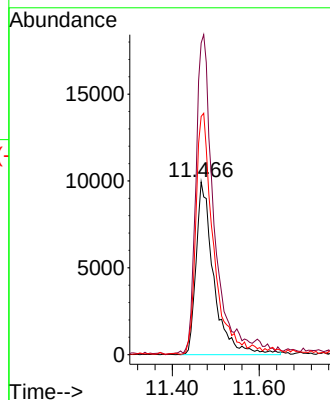
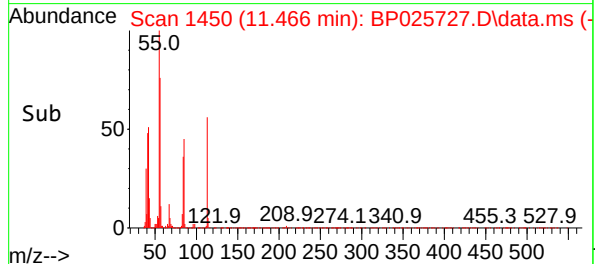
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion:113 Resp: 28000  
Ion Ratio Lower Upper  
113 100  
55 180.4 165.5 205.5  
56 137.8 121.1 161.1

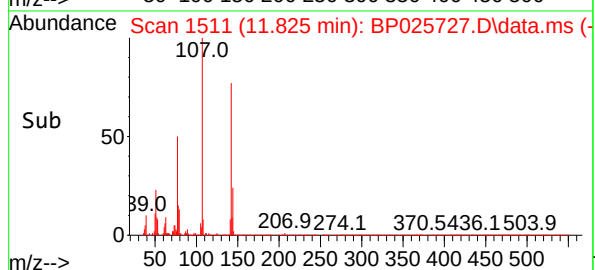
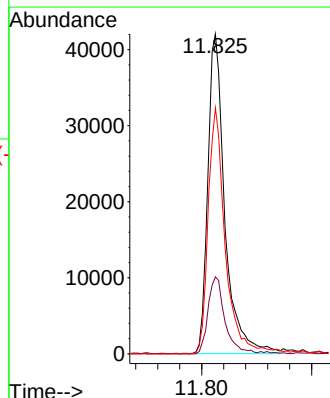
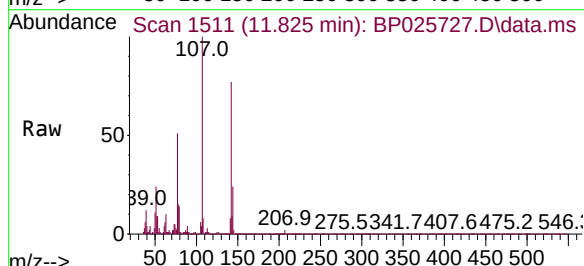
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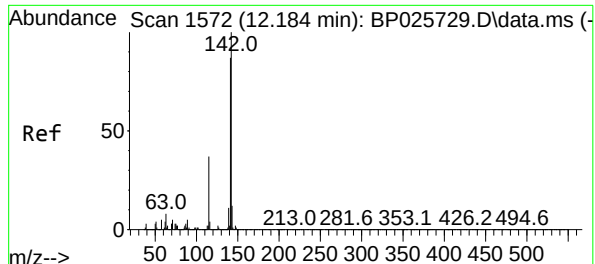
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#36  
4-Chloro-3-methylphenol  
Concen: 8.976 ng  
RT: 11.825 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 90104  
Ion Ratio Lower Upper  
107 100  
144 24.1 19.4 29.2  
142 76.9 63.8 95.6





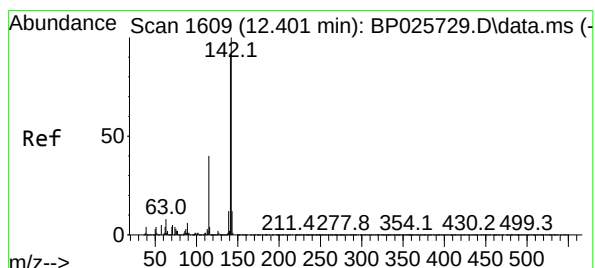
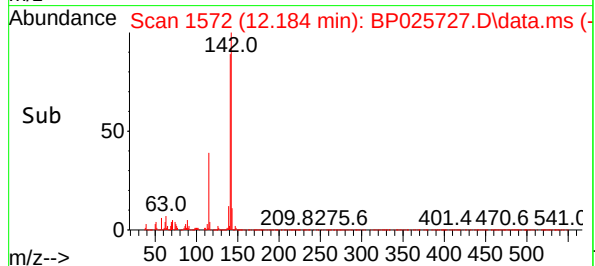
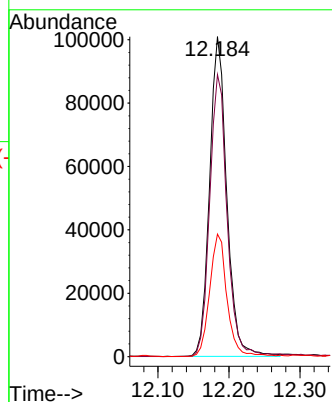
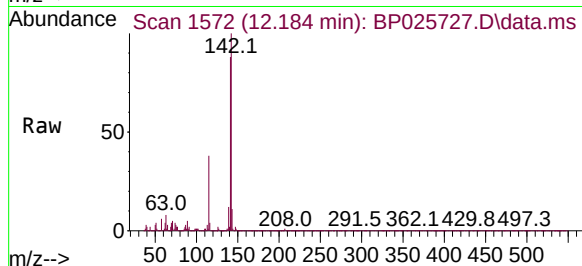
#37  
2-Methylnaphthalene  
Concen: 9.230 ng  
RT: 12.184 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:142 Resp: 170398  
Ion Ratio Lower Upper  
142 100  
141 88.1 69.6 104.4  
115 38.3 30.0 45.0

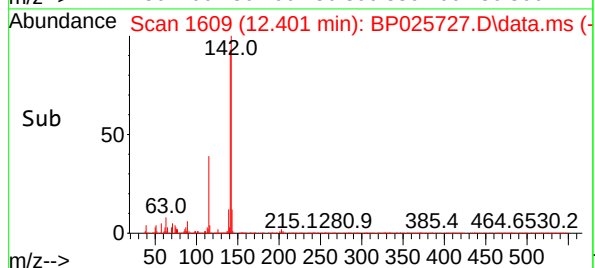
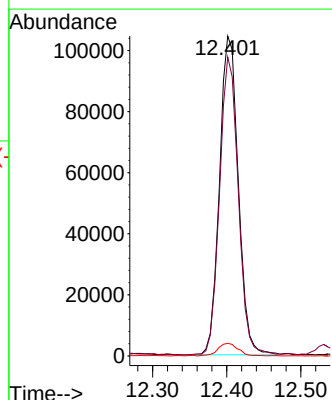
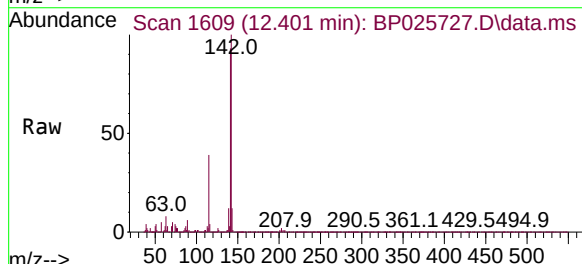
Manual Integrations  
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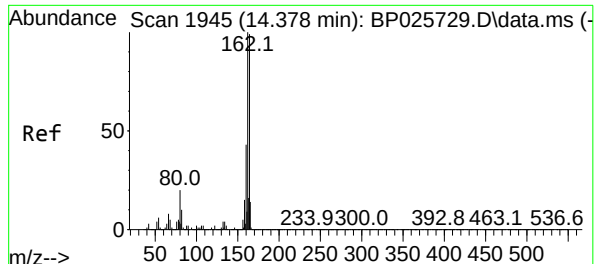
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#38  
1-Methylnaphthalene  
Concen: 9.353 ng  
RT: 12.401 min Scan# 1609  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:142 Resp: 184127  
Ion Ratio Lower Upper  
142 100  
141 93.4 72.7 109.1  
116 3.9 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.366 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 373569

Ion Ratio Lower Upper

164 100

162 98.6 80.6 120.8

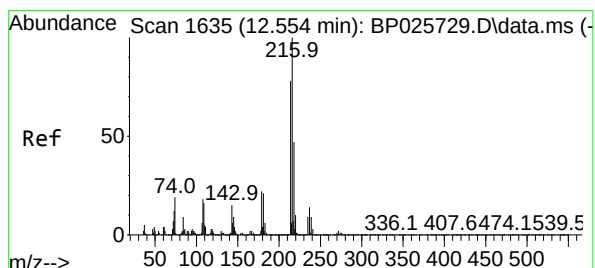
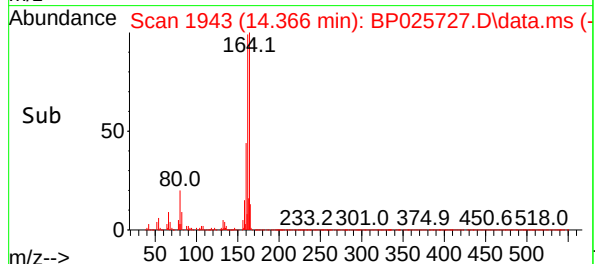
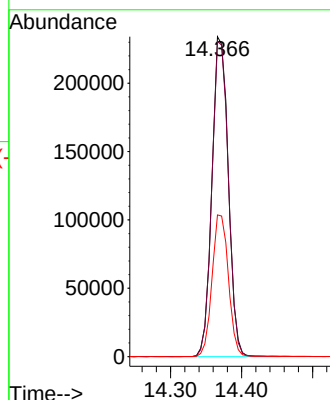
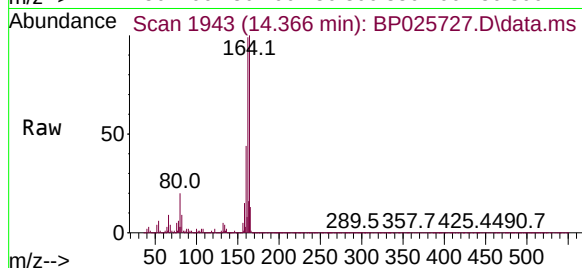
160 44.3 35.0 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.250 ng

RT: 12.554 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:216 Resp: 104709

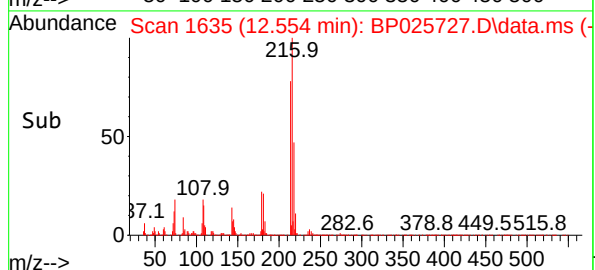
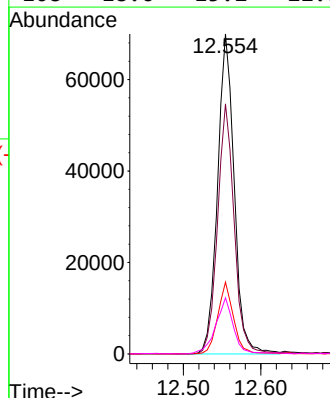
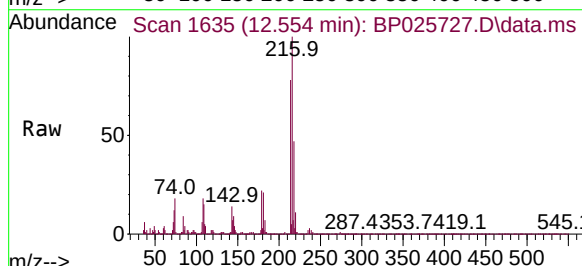
Ion Ratio Lower Upper

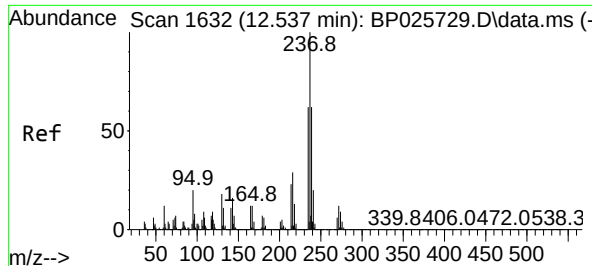
216 100

214 77.8 62.4 93.6

179 21.2 17.0 25.6

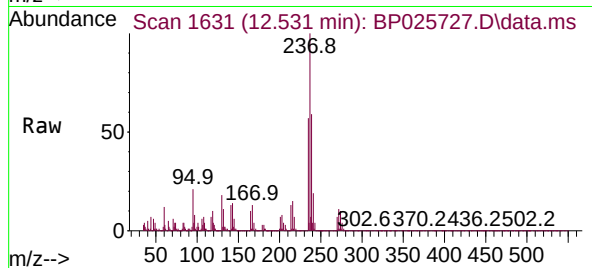
108 18.6 15.2 22.8





#41  
Hexachlorocyclopentadiene  
Concen: 6.826 ng  
RT: 12.531 min Scan# 1632  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

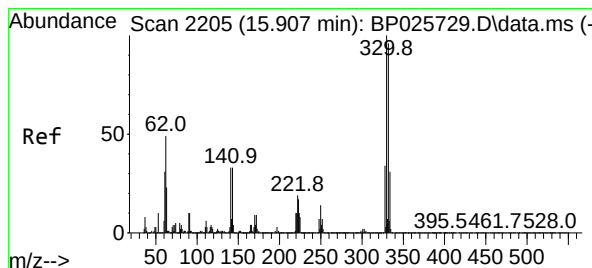
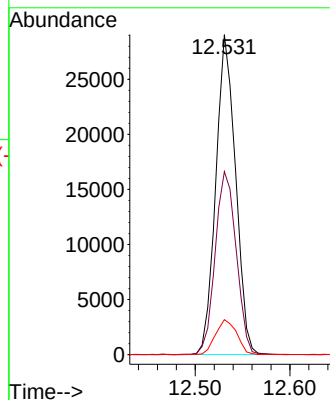
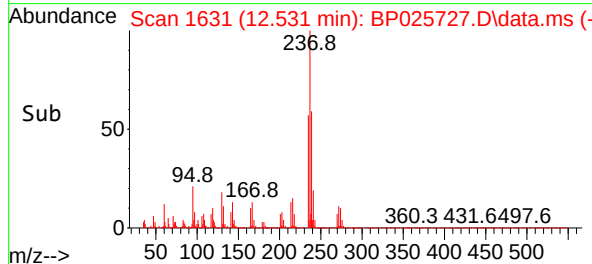
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion: 237 Resp: 4208  
Ion Ratio Lower Upper  
237 100  
235 57.2 41.9 81.9  
272 10.9 0.0 31.8

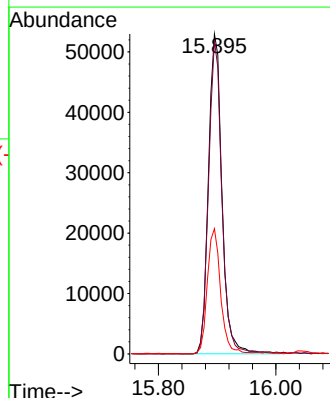
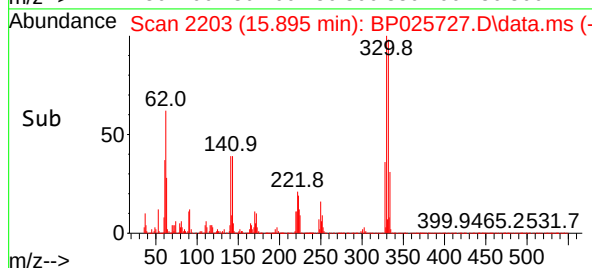
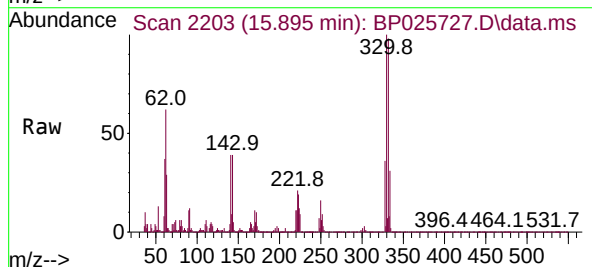
Manual Integrations  
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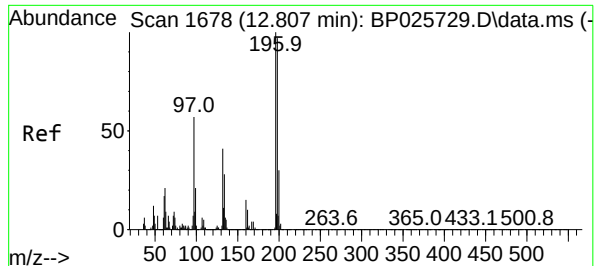
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#42  
2,4,6-Tribromophenol  
Concen: 18.207 ng  
RT: 15.895 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion: 330 Resp: 84835  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.9 115.3  
141 38.5 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 8.877 ng

RT: 12.807 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 66063

Ion Ratio Lower Upper

196 100

198 95.7 77.2 115.8

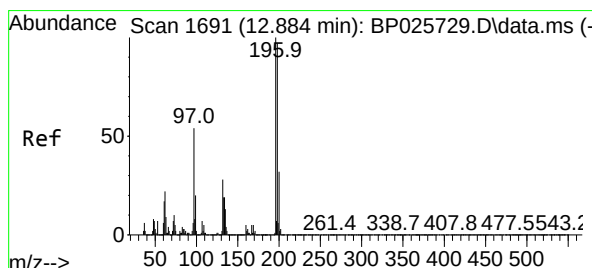
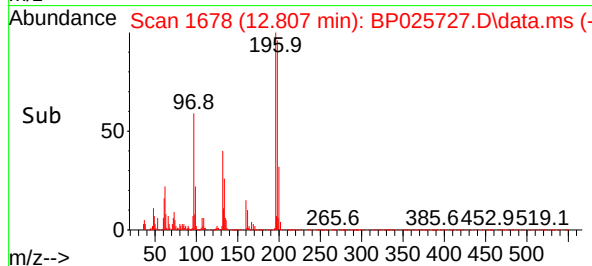
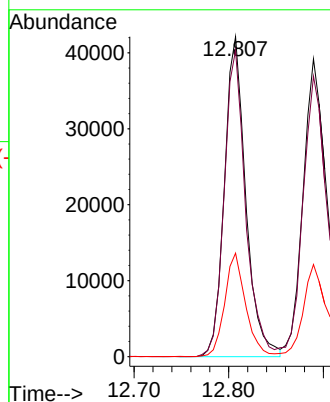
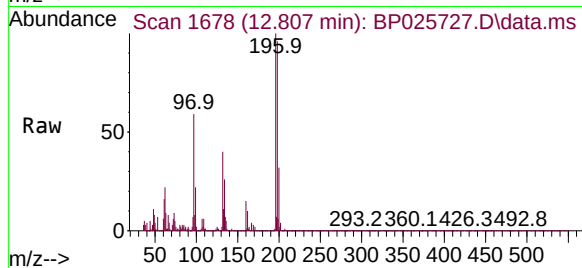
200 32.3 24.2 36.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 8.763 ng

RT: 12.890 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:196 Resp: 72578

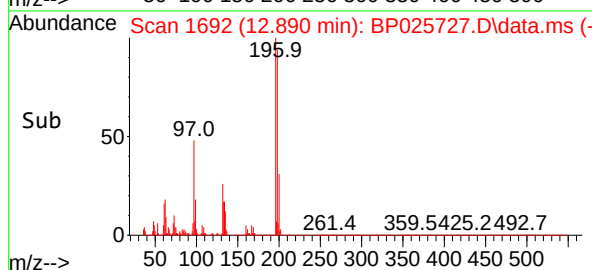
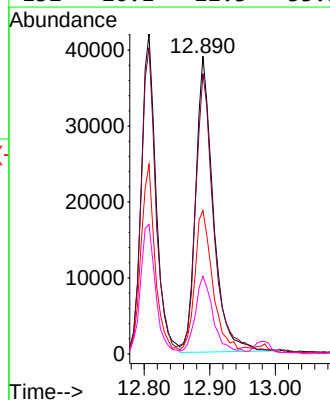
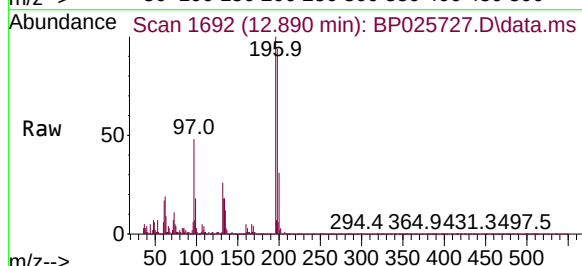
Ion Ratio Lower Upper

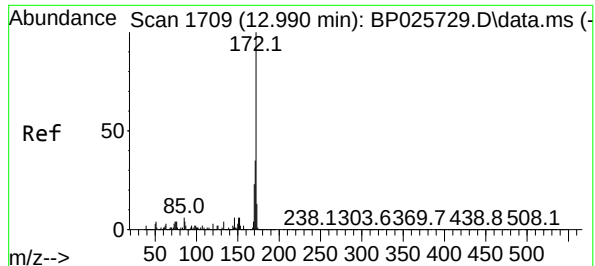
196 100

198 94.2 77.8 116.8

97 48.2 43.3 64.9

132 26.1 22.3 33.5





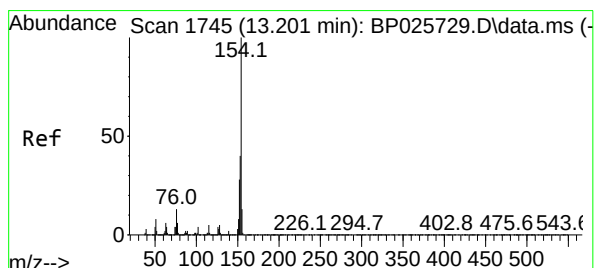
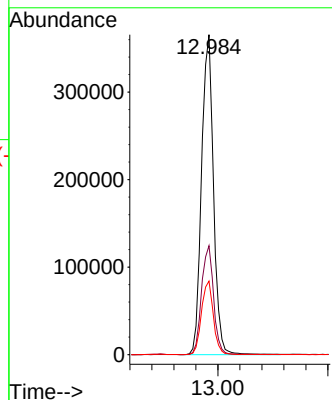
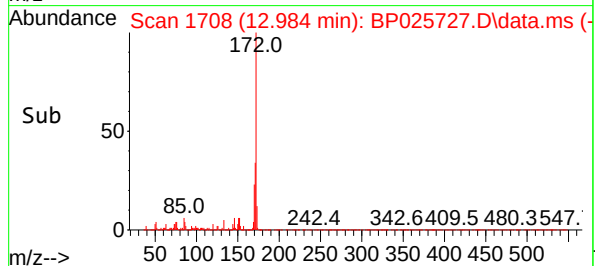
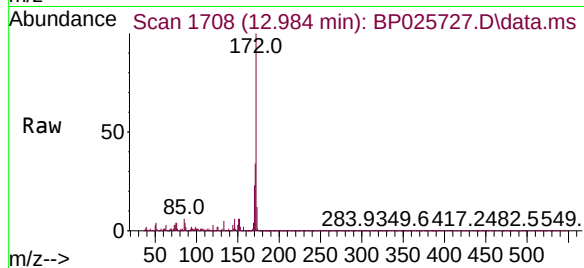
#45  
2-Fluorobiphenyl  
Concen: 19.568 ng  
RT: 12.984 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:172 Resp: 548995  
Ion Ratio Lower Upper  
172 100  
171 34.0 27.8 41.6  
170 23.0 18.6 27.8

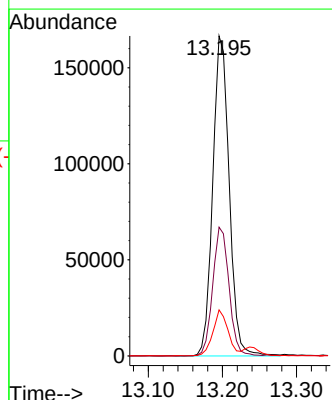
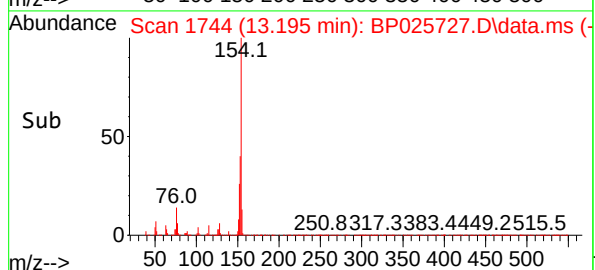
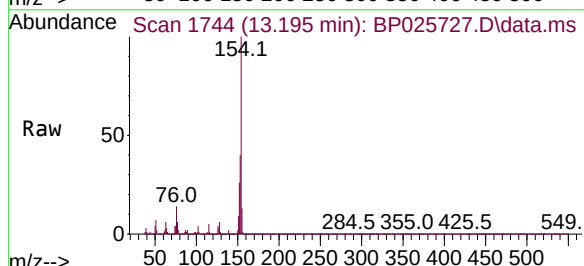
Manual Integrations  
APPROVED

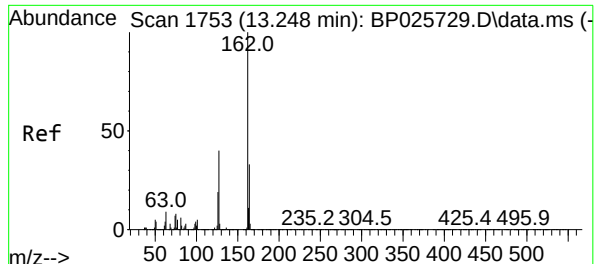
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#46  
1,1'-Biphenyl  
Concen: 9.370 ng  
RT: 13.195 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:154 Resp: 256914  
Ion Ratio Lower Upper  
154 100  
153 40.2 19.7 59.7  
76 14.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 9.432 ng

RT: 13.242 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 203648

Ion Ratio Lower Upper

162 100

127 40.5 32.2 48.4

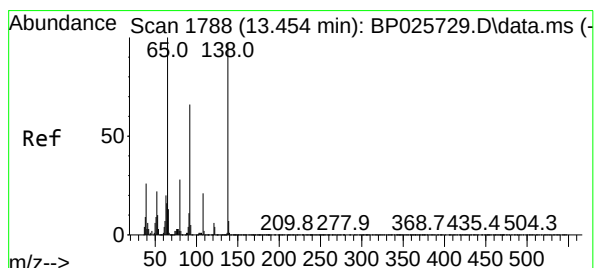
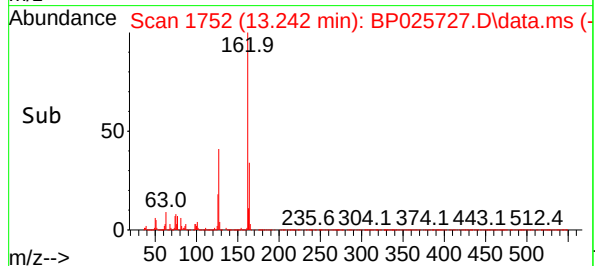
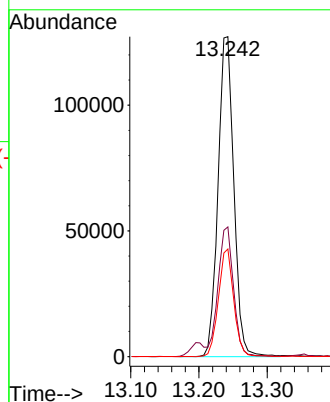
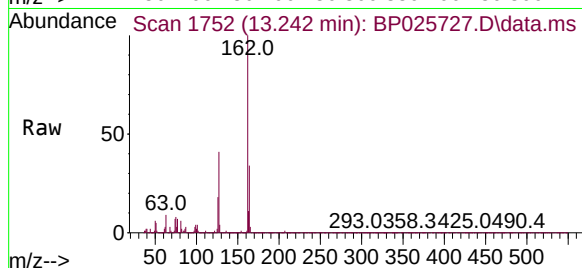
164 33.6 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 8.613 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

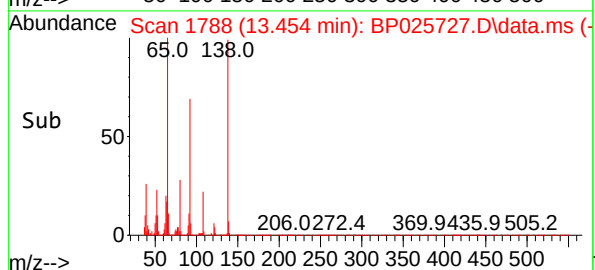
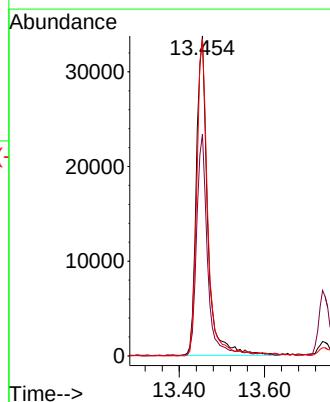
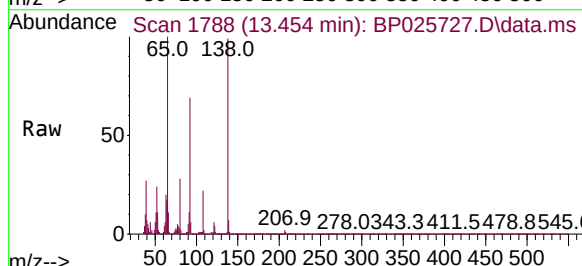
Tgt Ion: 65 Resp: 61991

Ion Ratio Lower Upper

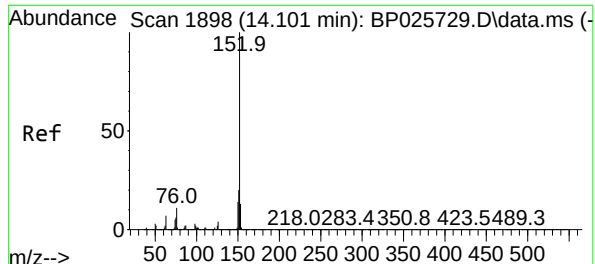
65 100

92 69.3 53.1 79.7

138 99.1 77.8 116.8







#49

Acenaphthylene

Concen: 9.354 ng

RT: 14.089 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 334623

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

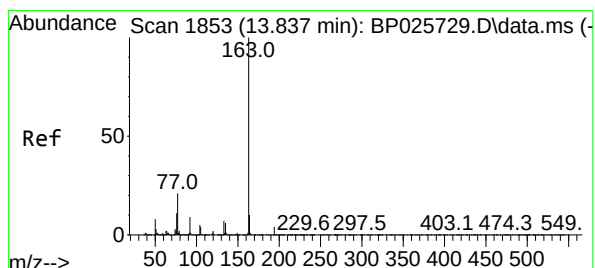
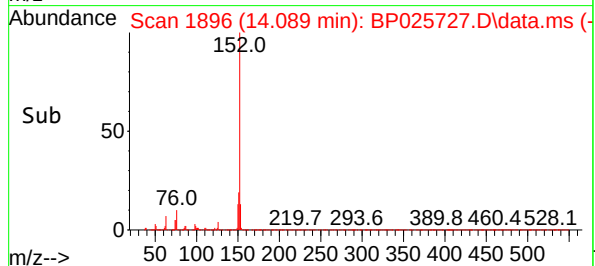
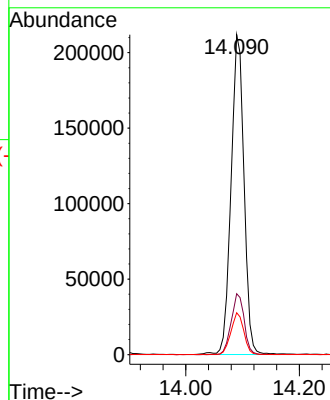
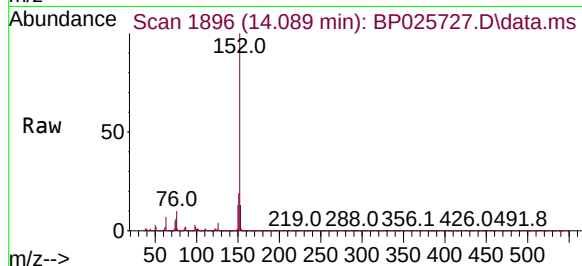
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 9.387 ng

RT: 13.825 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

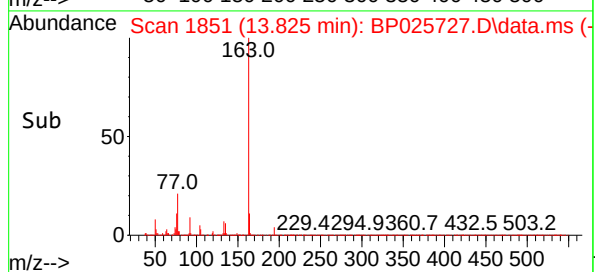
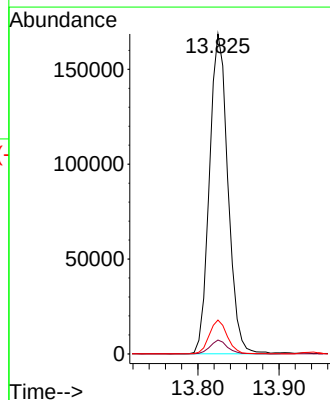
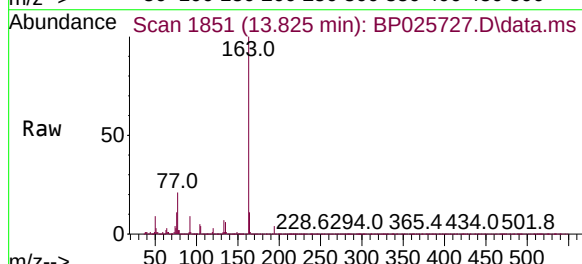
Tgt Ion:163 Resp: 267725

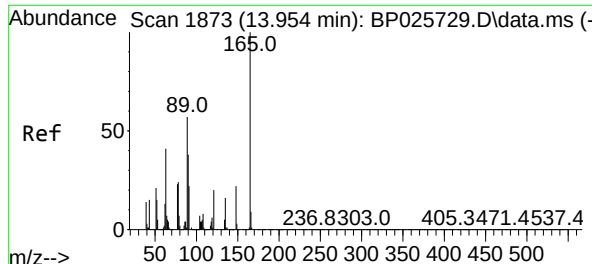
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.6 8.2 12.2





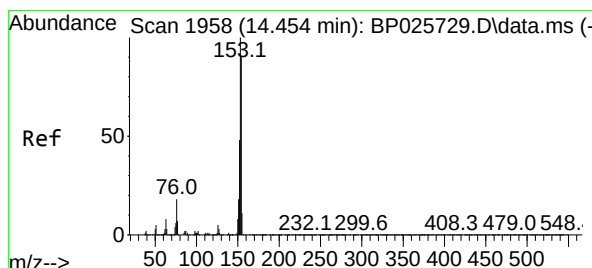
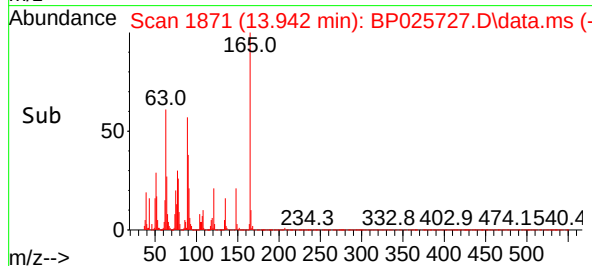
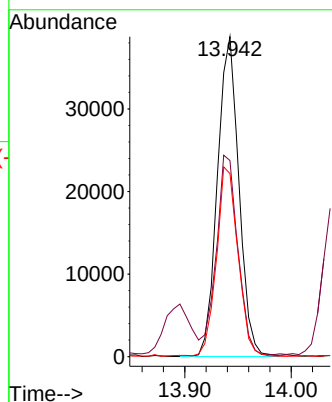
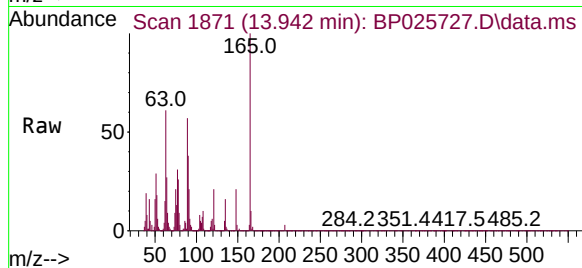
#51  
2,6-Dinitrotoluene  
Concen: 9.005 ng  
RT: 13.942 min Scan# 1871  
Delta R.T. -0.012 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

| Tgt Ion:  | 165   | Resp: | 54414 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 61.3  | 48.1  | 72.1  |
| 89        | 57.2  | 45.4  | 68.0  |

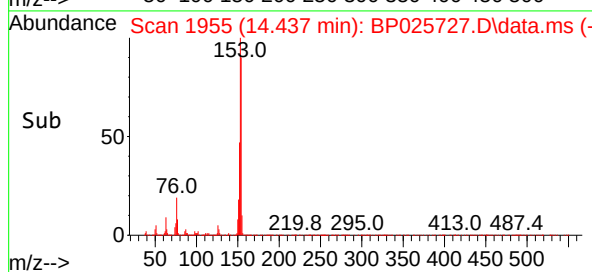
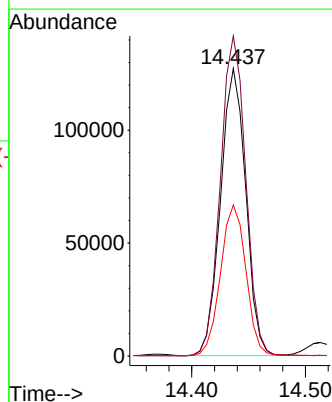
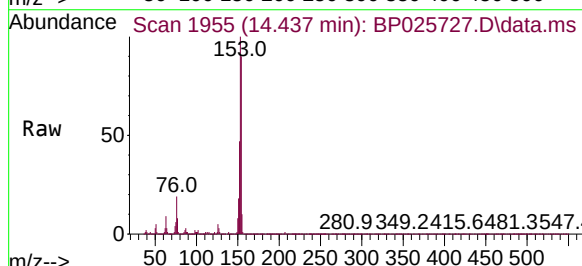
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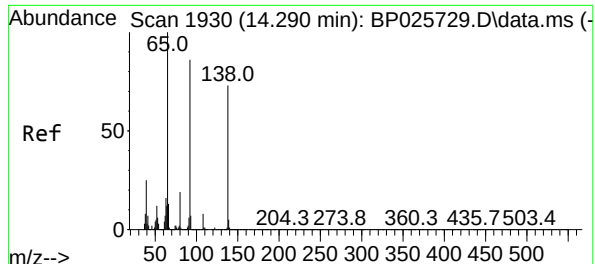
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#52  
Acenaphthene  
Concen: 9.523 ng  
RT: 14.437 min Scan# 1955  
Delta R.T. -0.018 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

| Tgt Ion:  | 154   | Resp: | 196467 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.4 | 89.4  | 134.0  |
| 152       | 52.5  | 42.5  | 63.7   |





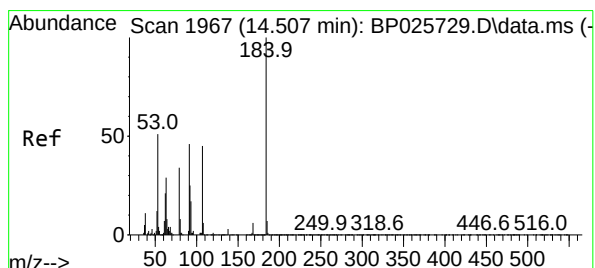
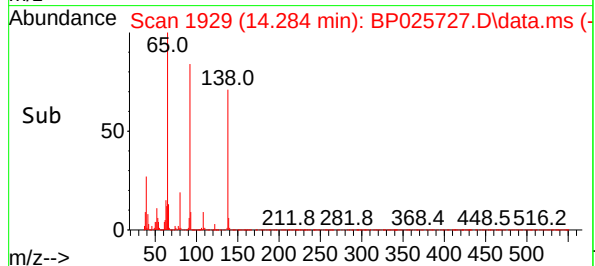
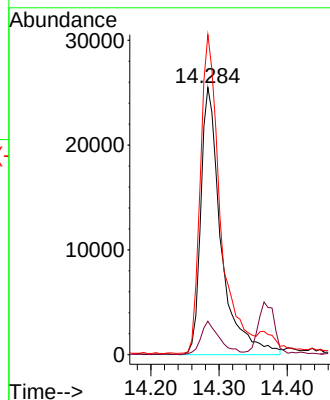
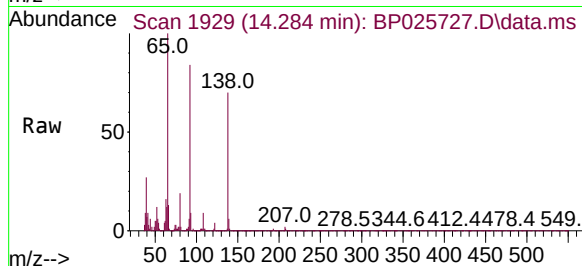
#53  
3-Nitroaniline  
Concen: 8.285 ng  
RT: 14.284 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:138 Resp: 52642  
Ion Ratio Lower Upper  
138 100  
108 12.5 8.7 13.1  
92 119.8 94.6 142.0

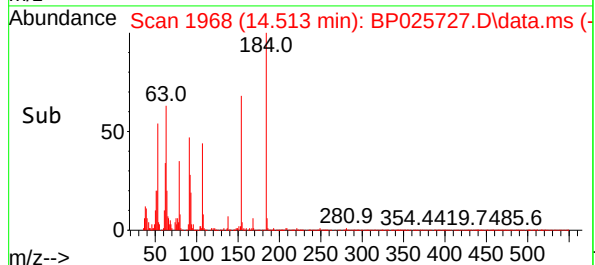
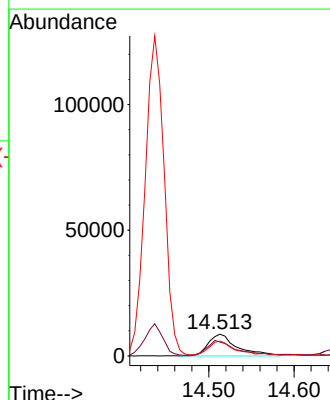
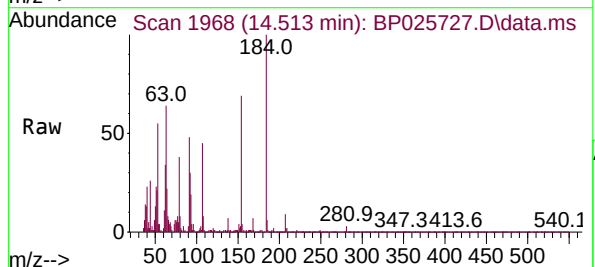
Manual Integrations  
APPROVED

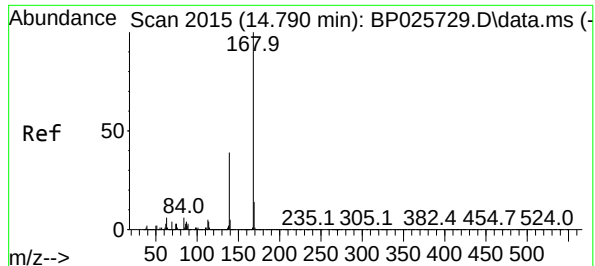
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#54  
2,4-Dinitrophenol  
Concen: 9.658 ng  
RT: 14.513 min Scan# 1968  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:184 Resp: 20208  
Ion Ratio Lower Upper  
184 100  
63 64.2 52.5 78.7  
154 68.6 51.5 77.3





#55

Dibenzenofuran

Concen: 9.743 ng

RT: 14.778 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 32760

Ion Ratio Lower Upper

168 100

139 38.5 31.7 47.5

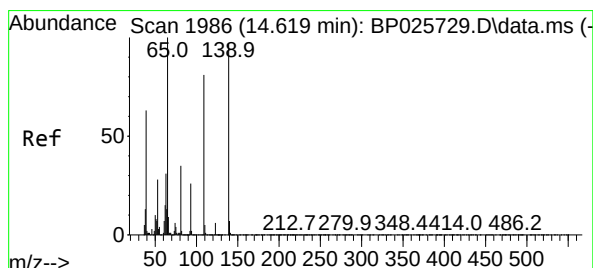
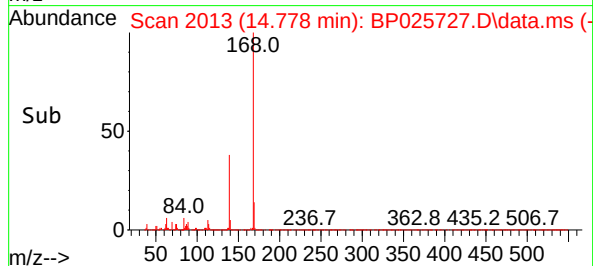
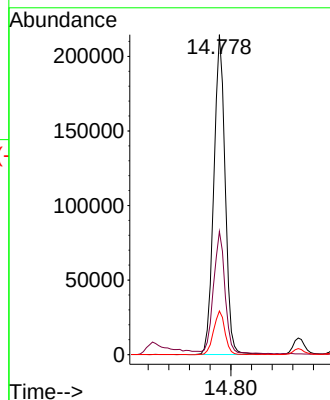
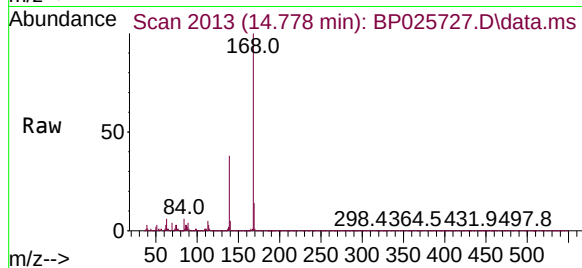
169 13.6 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#56

4-Nitrophenol

Concen: 9.243 ng

RT: 14.648 min Scan# 1991

Delta R.T. 0.029 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

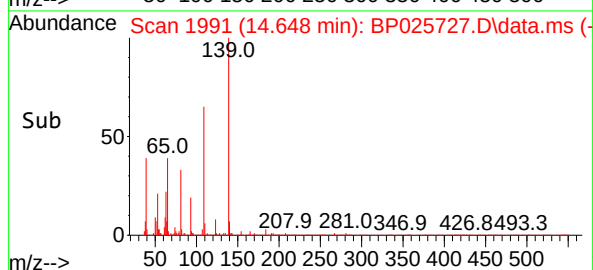
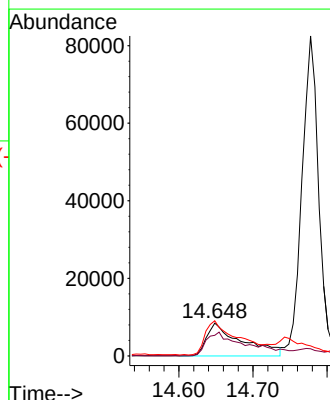
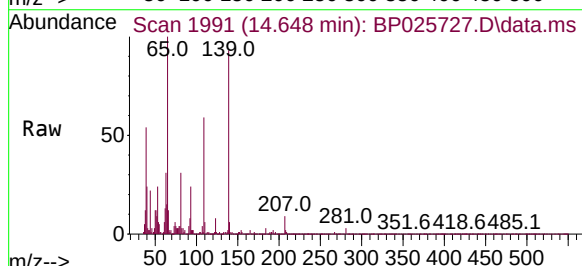
Tgt Ion:139 Resp: 27599

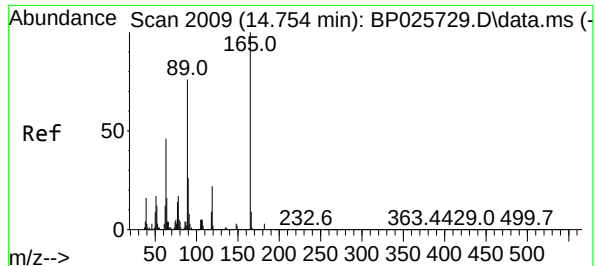
Ion Ratio Lower Upper

139 100

109 63.0 62.9 102.9

65 107.6 83.4 123.4





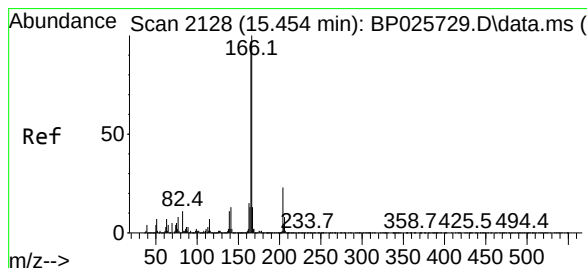
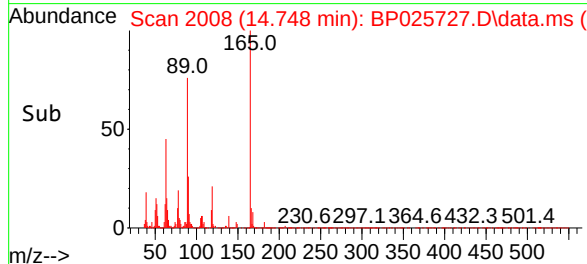
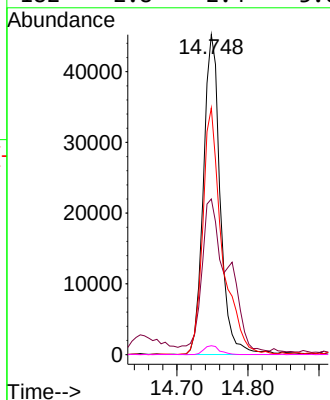
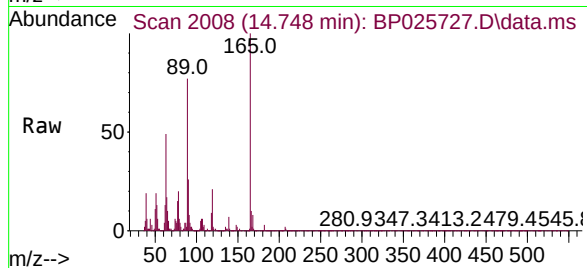
#57  
2,4-Dinitrotoluene  
Concen: 8.639 ng  
RT: 14.748 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:165 Resp: 74291  
Ion Ratio Lower Upper  
165 100  
63 48.6 37.7 56.5  
89 77.1 61.0 91.6  
182 2.8 2.4 3.6

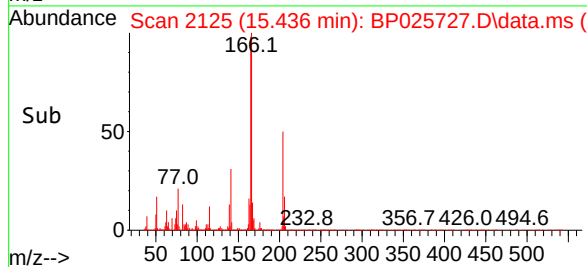
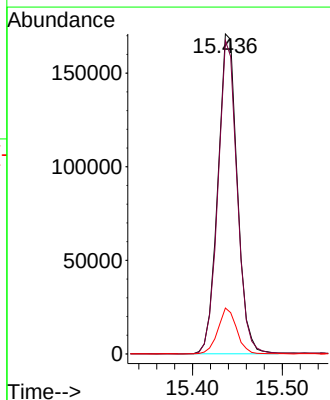
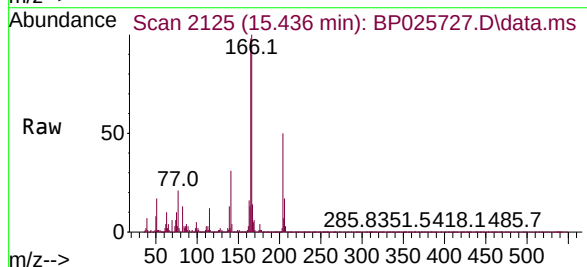
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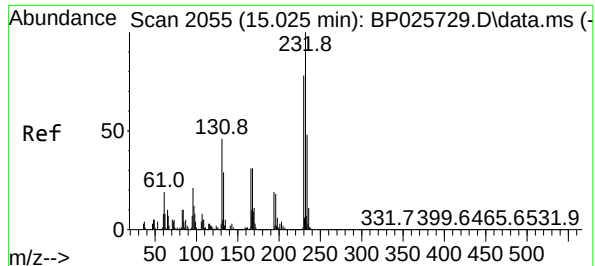
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#58  
Fluorene  
Concen: 9.654 ng  
RT: 15.436 min Scan# 2125  
Delta R.T. -0.018 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:166 Resp: 258111  
Ion Ratio Lower Upper  
166 100  
165 97.9 77.7 116.5  
167 14.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.034 ng

RT: 15.013 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 67402

Ion Ratio Lower Upper

232 100

131 46.1 36.7 55.1

130 2.7 2.0 3.0

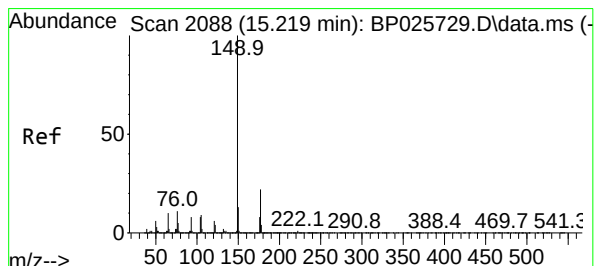
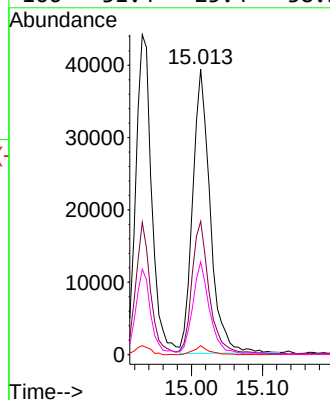
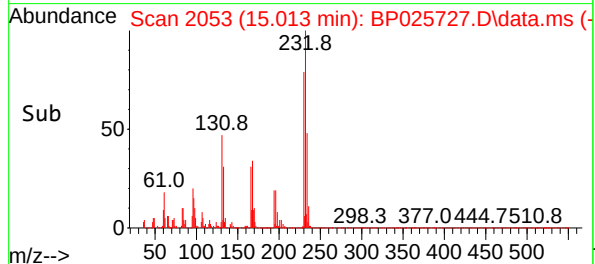
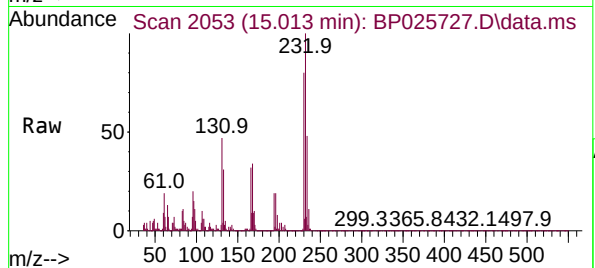
166 31.4 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 9.505 ng

RT: 15.213 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

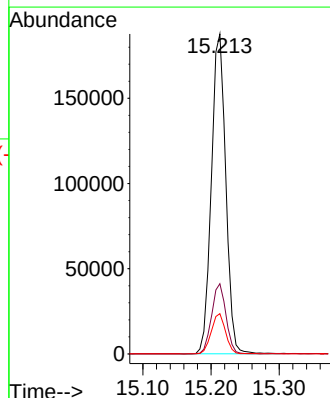
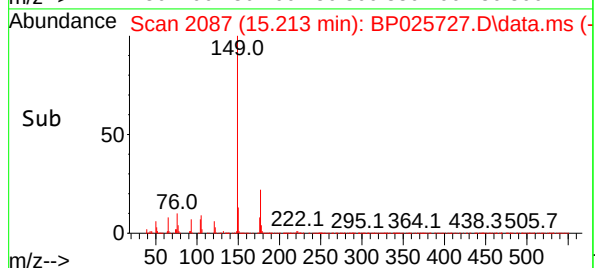
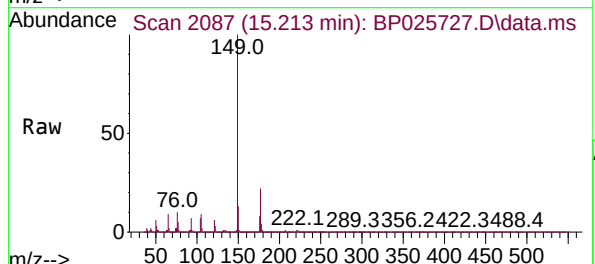
Tgt Ion:149 Resp: 274993

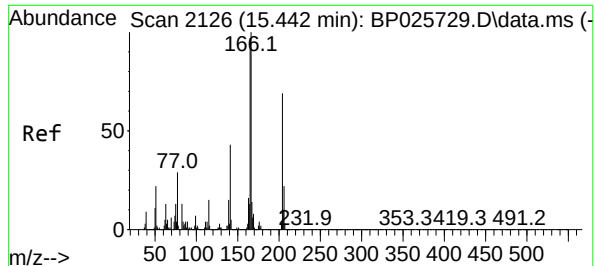
Ion Ratio Lower Upper

149 100

177 21.9 17.7 26.5

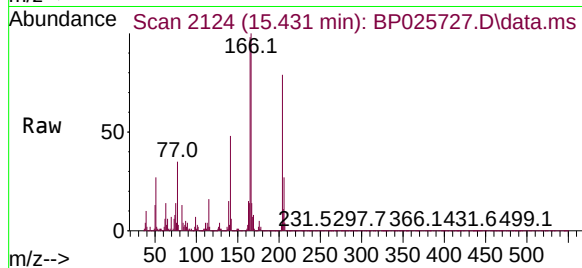
150 12.6 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 9.689 ng  
RT: 15.431 min Scan# 2112  
Delta R.T. -0.012 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

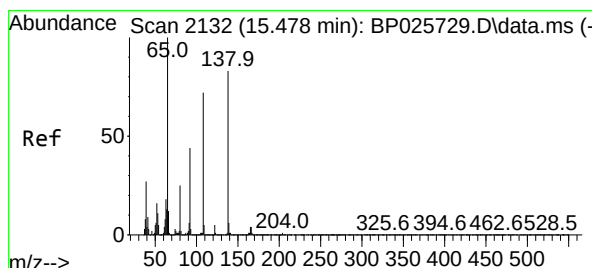
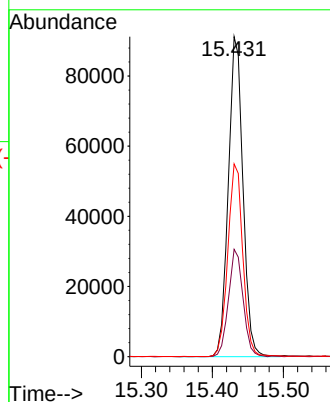
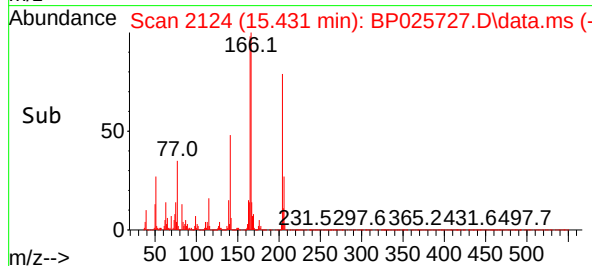
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion: 204 Resp: 130552  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.0 39.0  
141 60.2 49.7 74.5

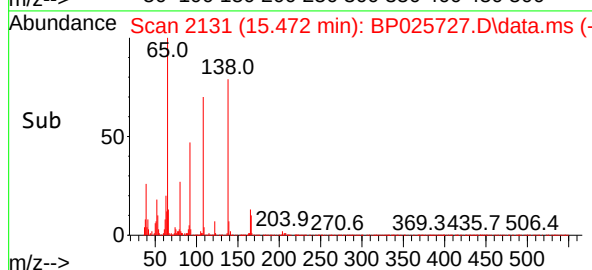
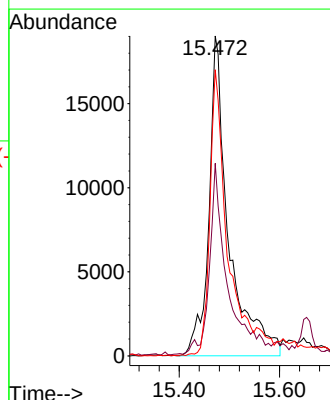
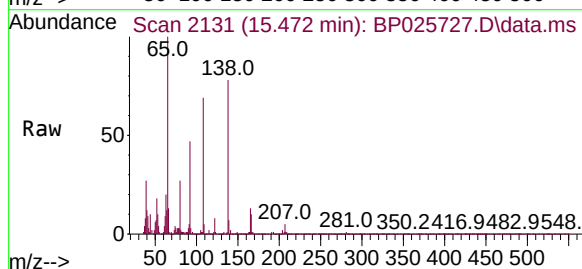
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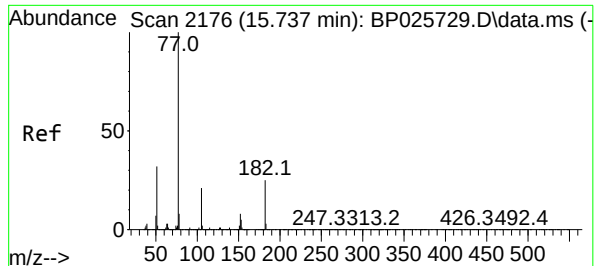
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#62  
4-Nitroaniline  
Concen: 8.082 ng  
RT: 15.472 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

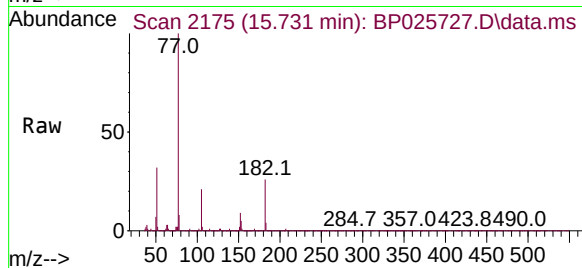
Tgt Ion: 138 Resp: 52570  
Ion Ratio Lower Upper  
138 100  
92 60.2 33.3 73.3  
108 89.4 66.7 106.7





#63  
Azobenzene  
Concen: 9.235 ng  
RT: 15.731 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

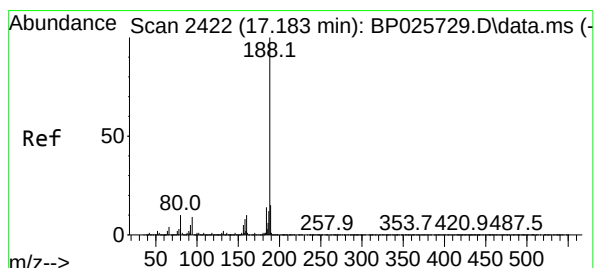
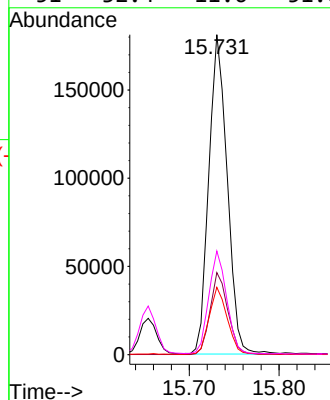
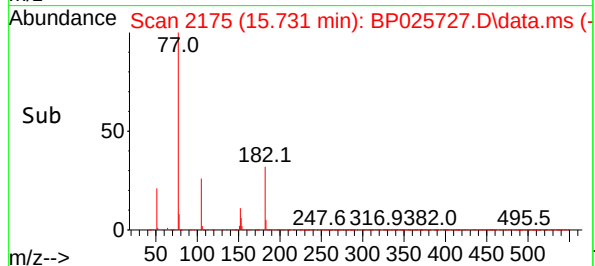
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion: 77 Resp: 258320  
Ion Ratio Lower Upper  
77 100  
182 25.6 5.2 45.2  
105 21.0 1.1 41.1  
51 32.4 11.6 51.6

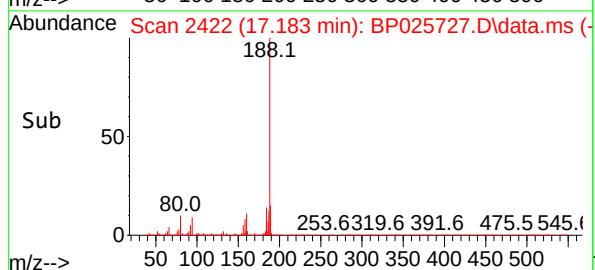
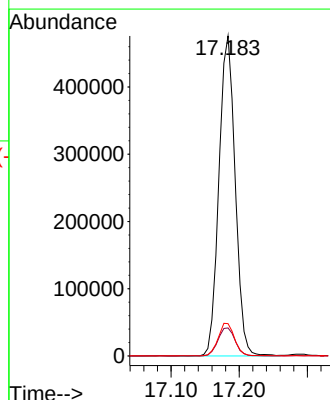
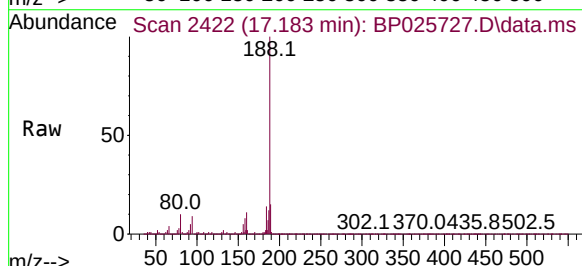
Manual Integrations  
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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

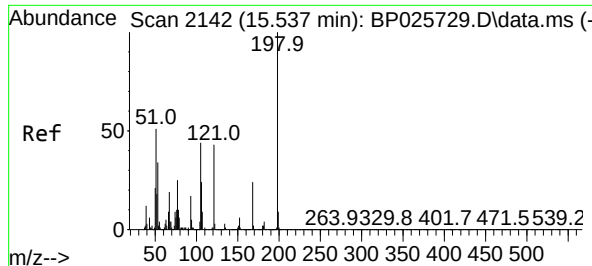


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.183 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:188 Resp: 783581  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.4 11.0  
80 10.1 7.7 11.5







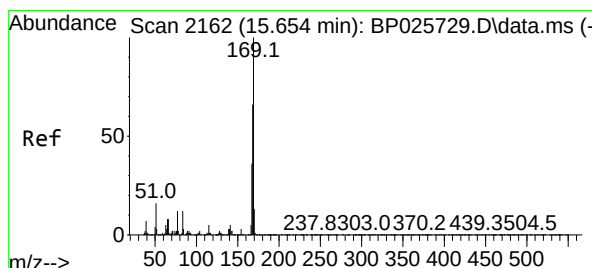
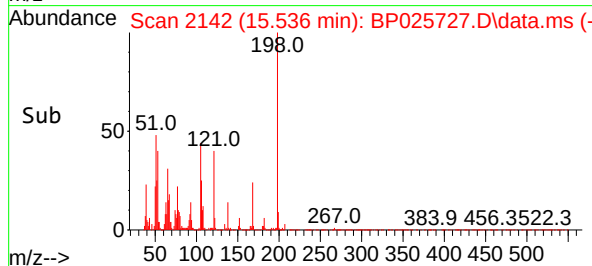
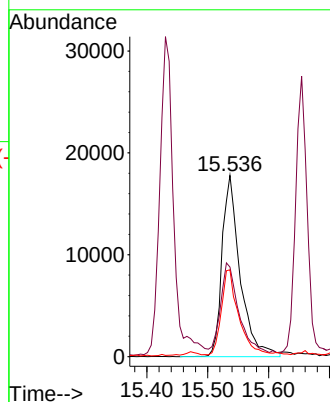
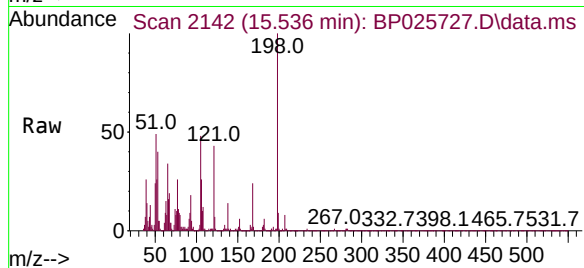
#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.026 ng  
RT: 15.536 min Scan# 2142  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:198 Resp: 36614  
Ion Ratio Lower Upper  
198 100  
51 49.4 33.4 73.4  
105 47.9 24.3 64.3

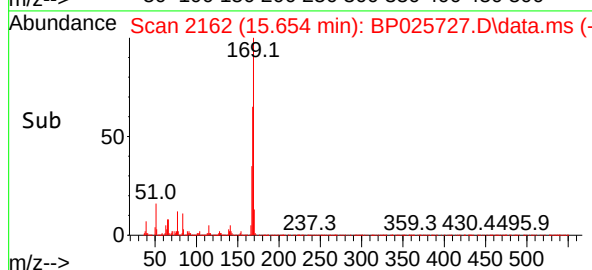
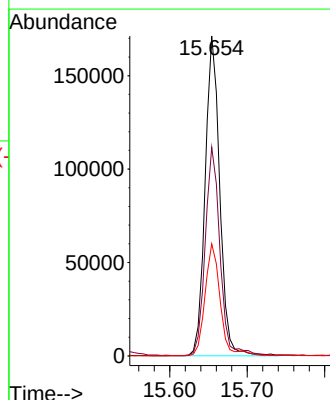
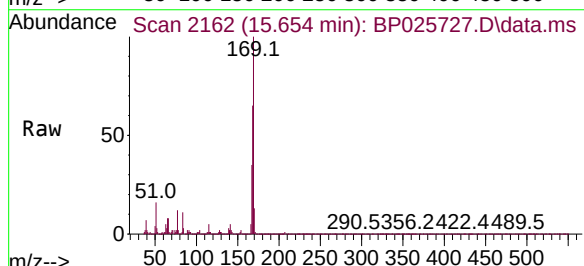
Manual Integrations  
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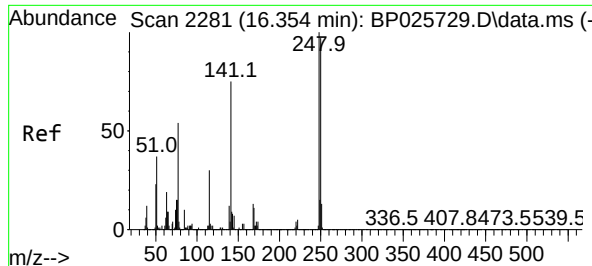
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#66  
n-Nitrosodiphenylamine  
Concen: 9.369 ng  
RT: 15.654 min Scan# 2162  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

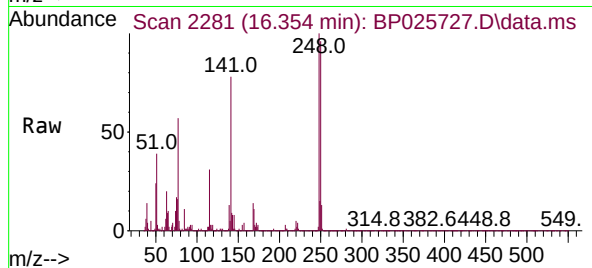
Tgt Ion:169 Resp: 224671  
Ion Ratio Lower Upper  
169 100  
168 65.2 52.6 78.8  
167 35.0 28.5 42.7





#67  
4-Bromophenyl-phenylether  
Concen: 9.206 ng  
RT: 16.354 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

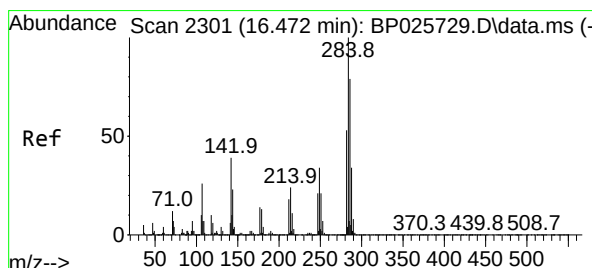
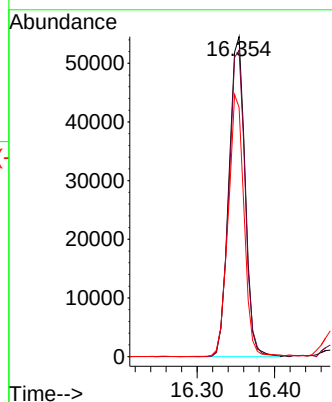
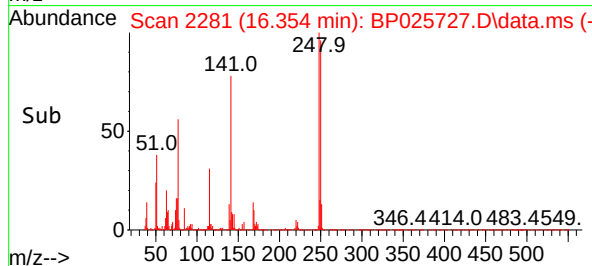
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion:248 Resp: 79245  
Ion Ratio Lower Upper  
248 100  
250 95.7 77.5 116.3  
141 77.9 60.2 90.4

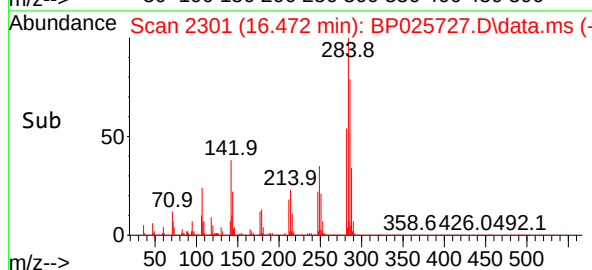
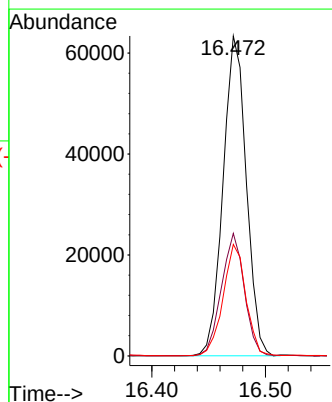
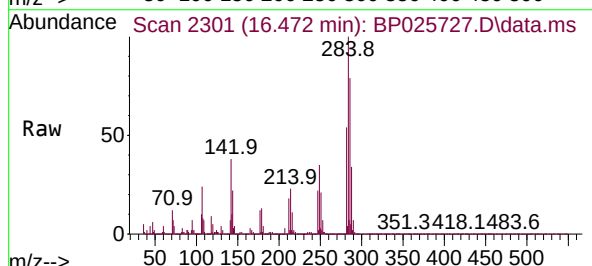
Manual Integrations  
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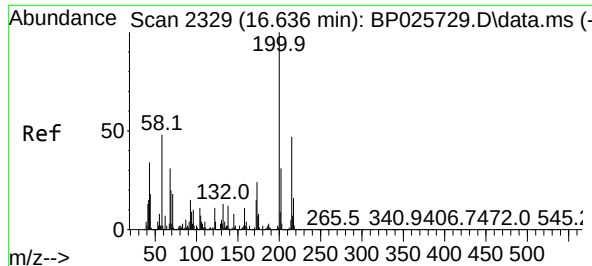
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#68  
Hexachlorobenzene  
Concen: 9.379 ng  
RT: 16.472 min Scan# 2301  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:284 Resp: 90039  
Ion Ratio Lower Upper  
284 100  
142 38.3 31.3 46.9  
249 34.8 27.3 40.9





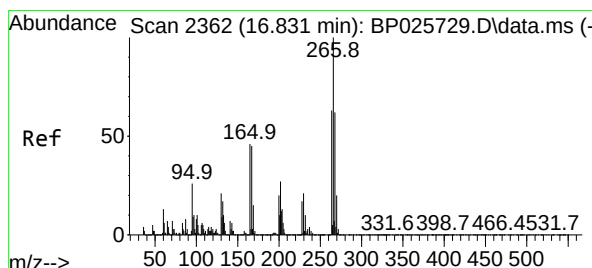
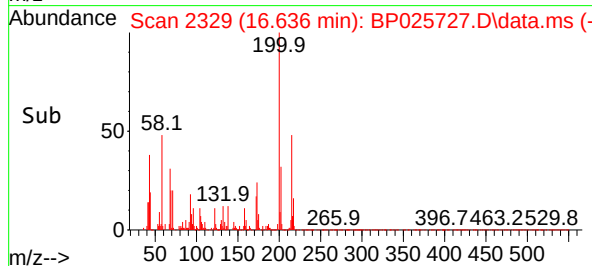
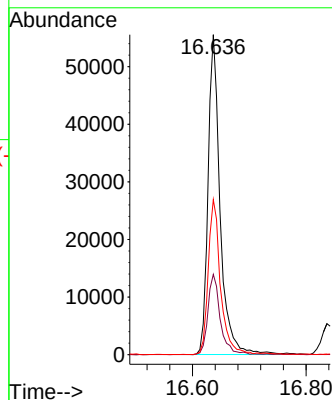
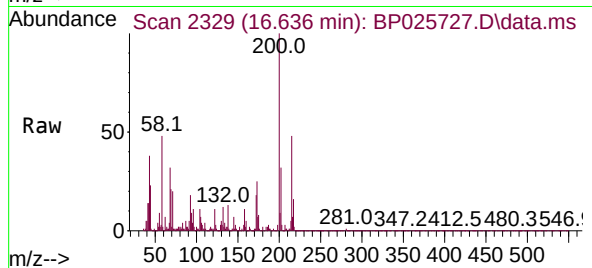
#69  
Atrazine  
Concen: 8.965 ng  
RT: 16.636 min Scan# 2329  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:200 Resp: 82175  
Ion Ratio Lower Upper  
200 100  
173 25.1 4.2 44.2  
215 48.4 27.3 67.3

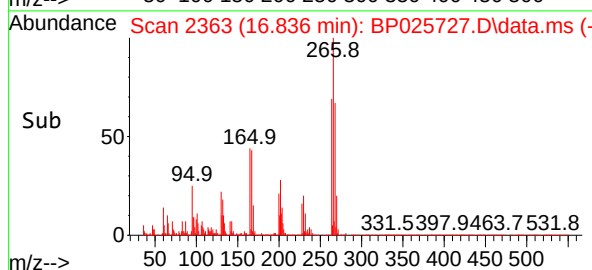
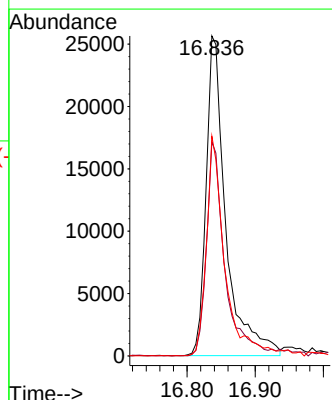
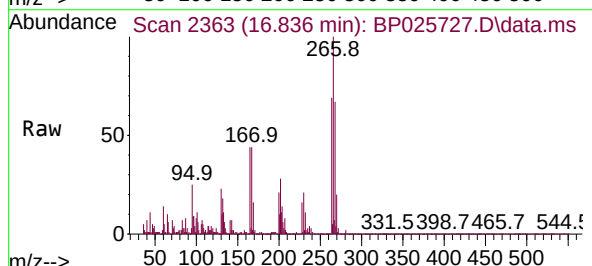
Manual Integrations  
APPROVED

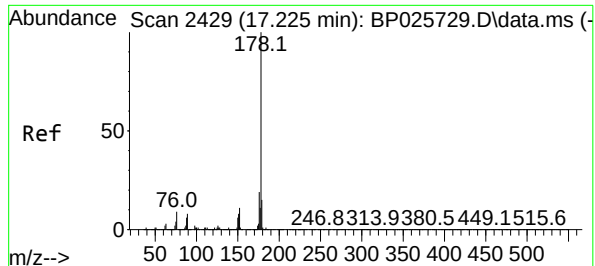
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#70  
Pentachlorophenol  
Concen: 8.150 ng  
RT: 16.836 min Scan# 2363  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:266 Resp: 51635  
Ion Ratio Lower Upper  
266 100  
268 66.9 49.8 74.8  
264 68.6 50.2 75.2





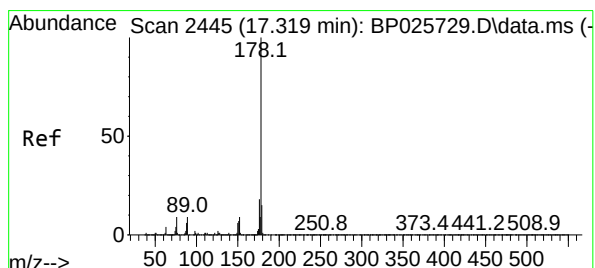
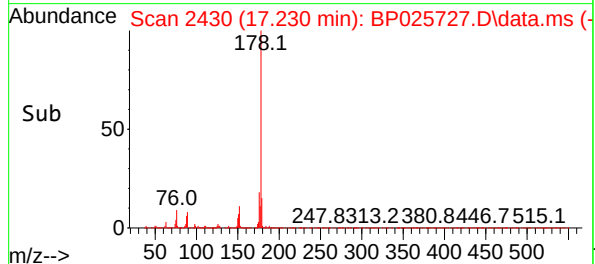
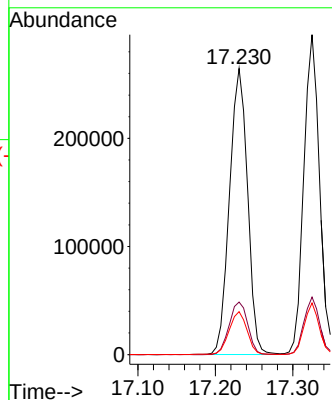
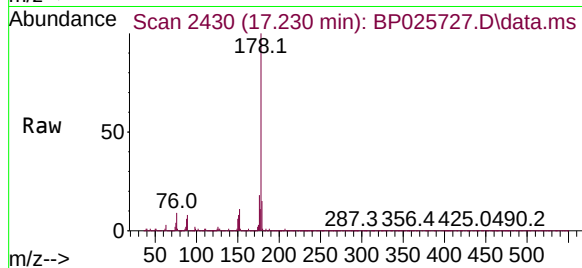
#71  
Phenanthrene  
Concen: 9.655 ng  
RT: 17.230 min Scan# 2429  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:178 Resp: 429178  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.4 23.2  
179 15.0 12.2 18.4

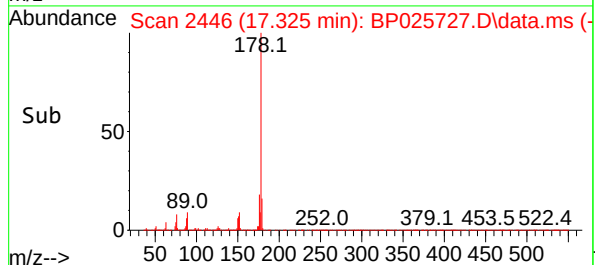
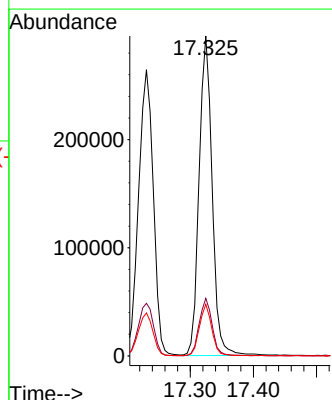
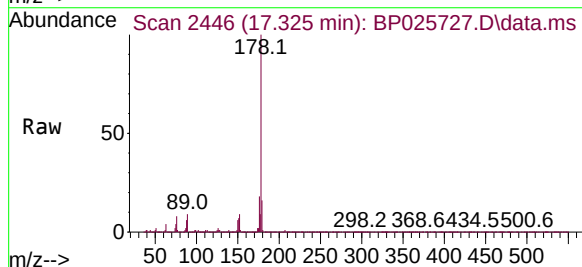
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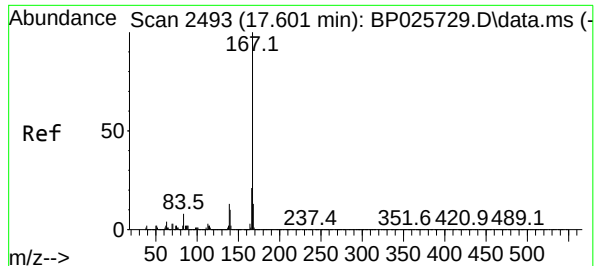
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#72  
Anthracene  
Concen: 9.435 ng  
RT: 17.325 min Scan# 2446  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

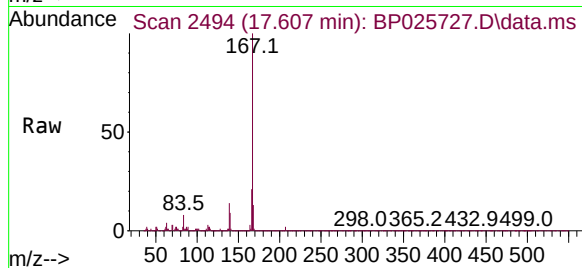
Tgt Ion:178 Resp: 425513  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.8 22.2  
179 16.1 12.2 18.4





#73  
 Carbazole  
 Concen: 9.323 ng  
 RT: 17.607 min Scan# 2494  
 Delta R.T. 0.006 min  
 Lab File: BP025727.D  
 Acq: 11 Sep 2025 10:18

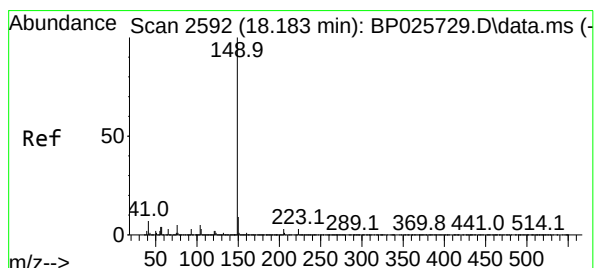
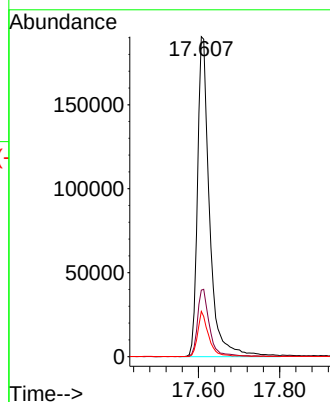
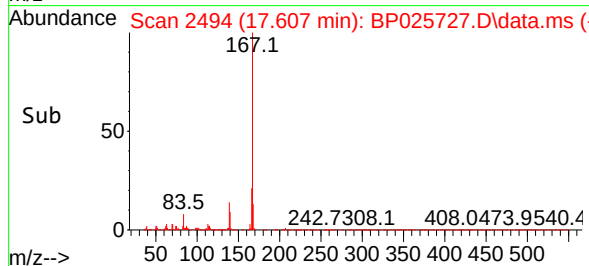
Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC010



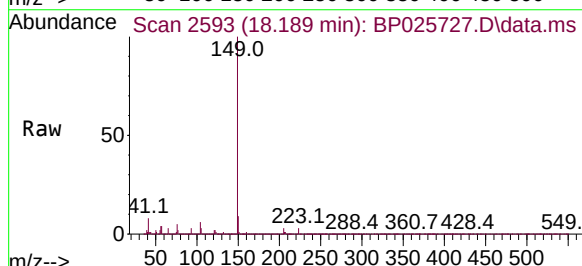
Tgt Ion:167 Resp: 390923  
 Ion Ratio Lower Upper  
 167 100  
 166 20.8 17.0 25.4  
 139 14.1 10.6 16.0

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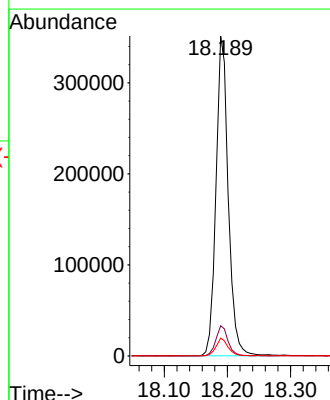
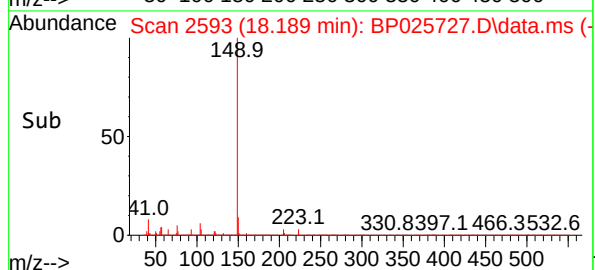
Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

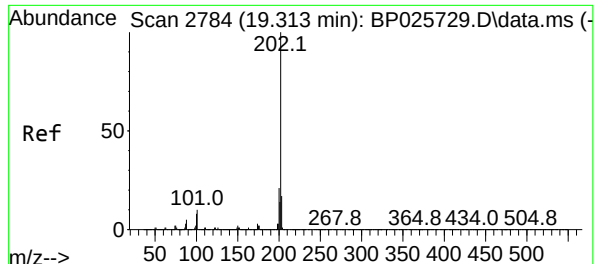


#74  
 Di-n-butylphthalate  
 Concen: 9.240 ng  
 RT: 18.189 min Scan# 2593  
 Delta R.T. 0.006 min  
 Lab File: BP025727.D  
 Acq: 11 Sep 2025 10:18



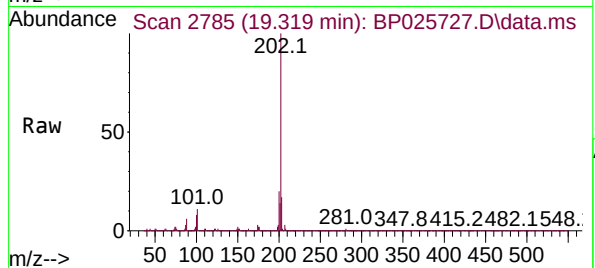
Tgt Ion:149 Resp: 475436  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.0  
 104 5.6 4.3 6.5





#75  
Fluoranthene  
Concen: 9.513 ng  
RT: 19.319 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

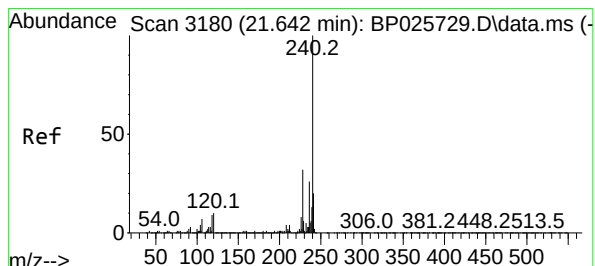
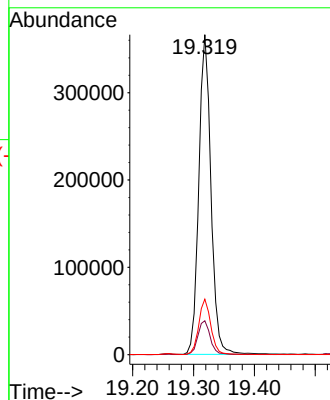
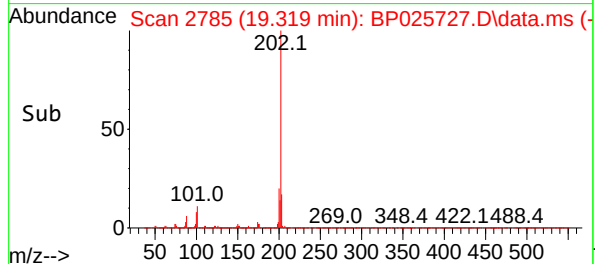
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion:202 Resp: 507116  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 30.4  
203 17.3 0.0 37.4

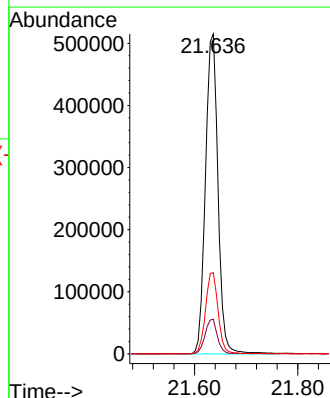
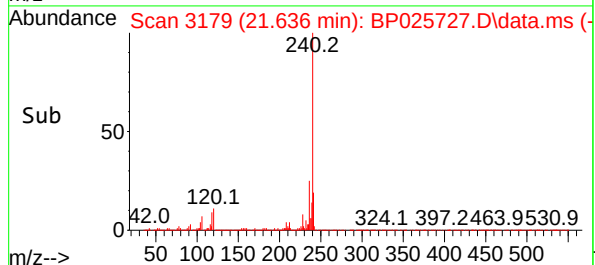
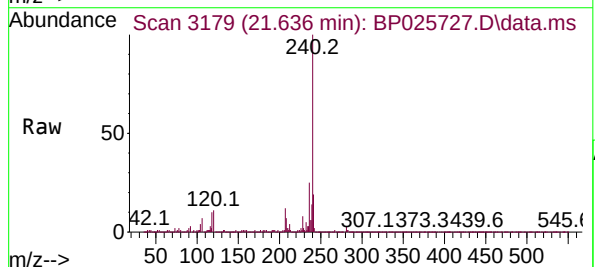
Manual Integrations  
APPROVED

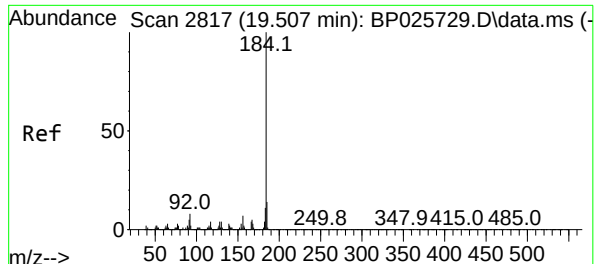
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3179  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:240 Resp: 866064  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.0 12.0  
236 25.4 20.7 31.1





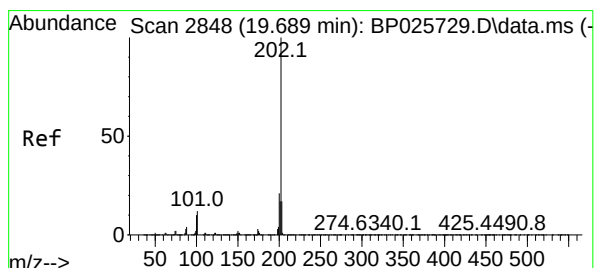
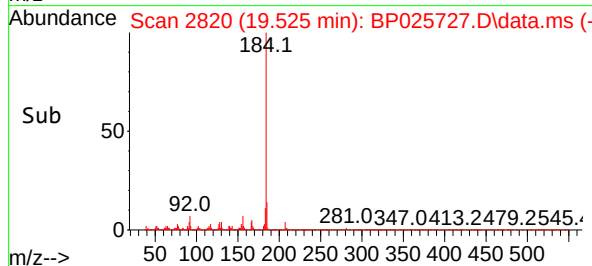
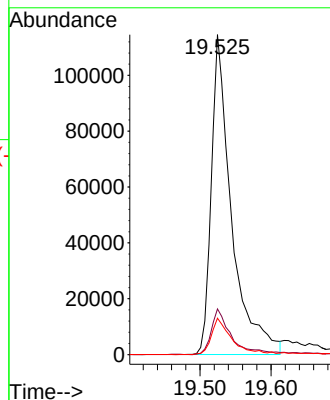
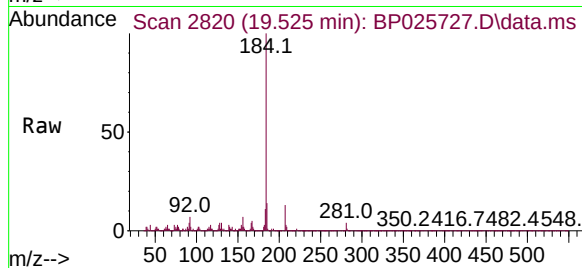
#77  
Benzidine  
Concen: 9.078 ng  
RT: 19.525 min Scan# 2817  
Delta R.T. 0.018 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:184 Resp: 226459  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.5 17.3  
183 11.4 9.2 13.8

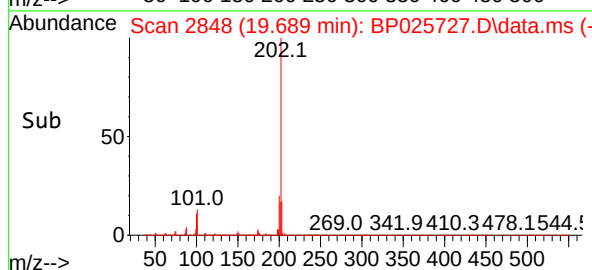
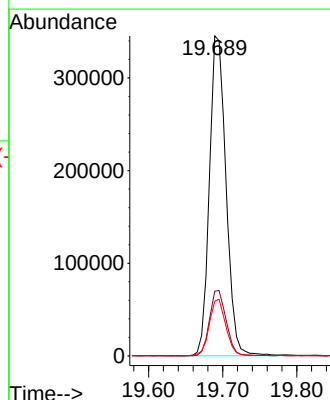
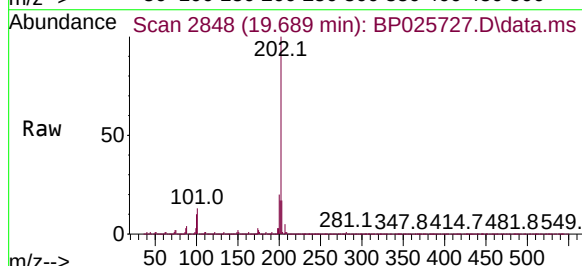
Manual Integrations  
APPROVED

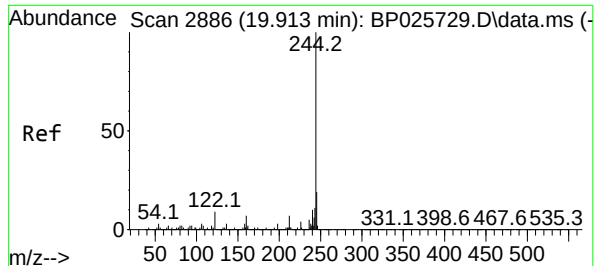
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#78  
Pyrene  
Concen: 9.311 ng  
RT: 19.689 min Scan# 2848  
Delta R.T. -0.000 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:202 Resp: 538053  
Ion Ratio Lower Upper  
202 100  
200 20.2 17.0 25.6  
203 17.1 13.9 20.9





#79  
Terphenyl-d14  
Concen: 19.661 ng  
RT: 19.907 min Scan# 2886  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

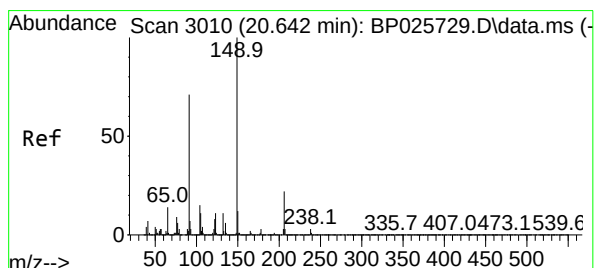
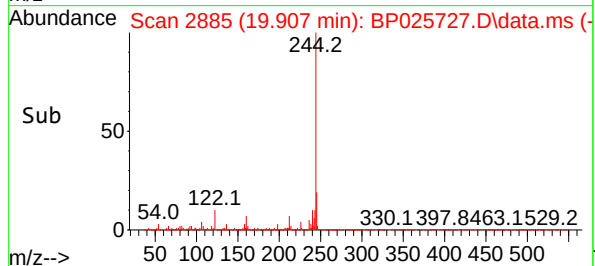
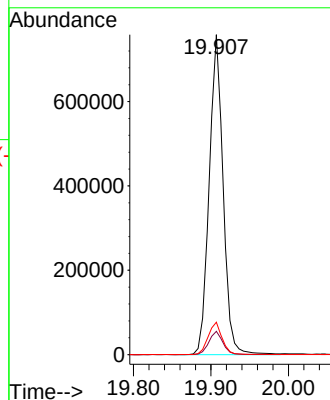
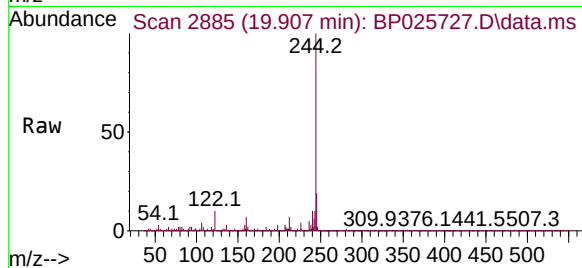
SSTDICC010

Tgt Ion:244 Resp: 946504  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.9 8.9  
122 10.1 7.1 10.7

Manual Integrations

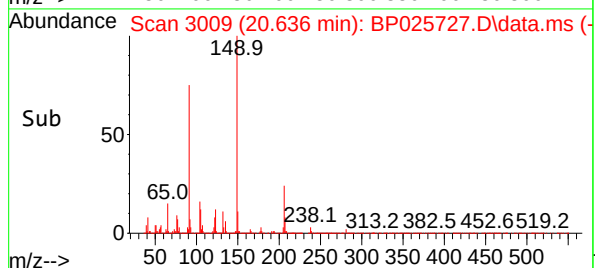
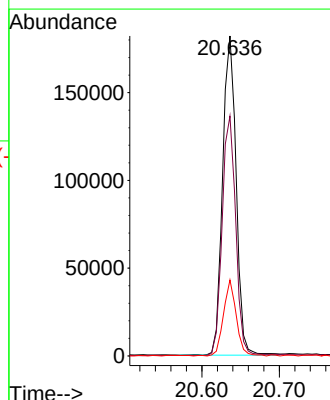
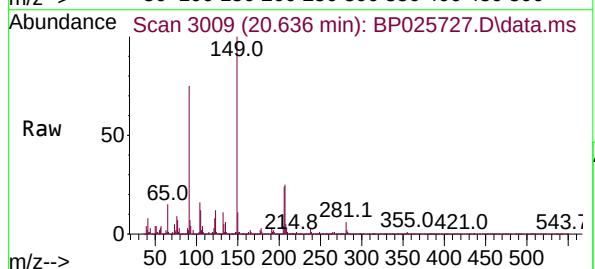
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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

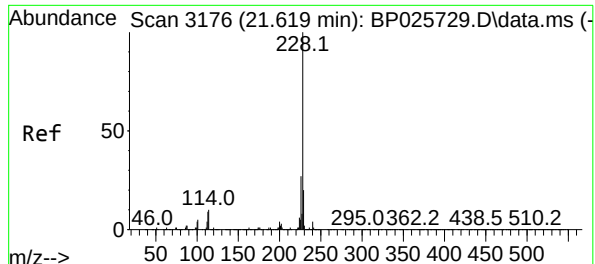


#80  
Butylbenzylphthalate  
Concen: 8.731 ng  
RT: 20.636 min Scan# 3009  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion:149 Resp: 221238  
Ion Ratio Lower Upper  
149 100  
91 74.9 56.6 85.0  
206 23.7 17.4 26.0







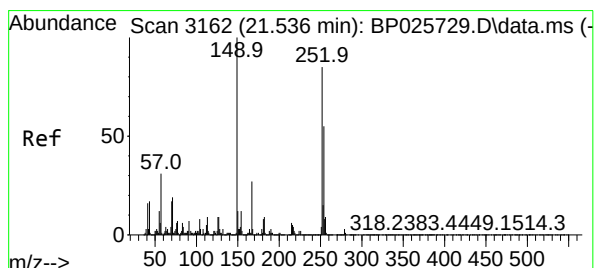
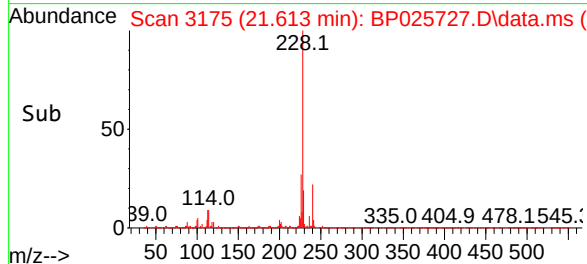
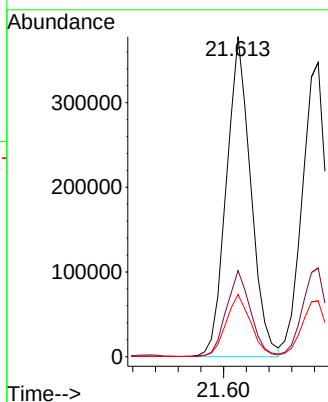
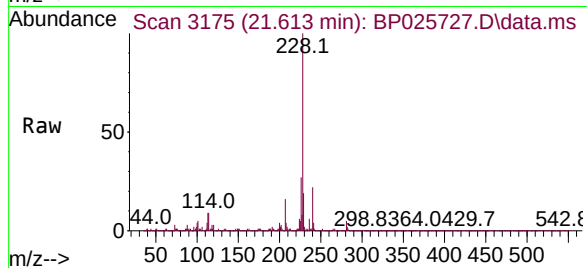
#81  
Benzo(a)anthracene  
Concen: 9.507 ng  
RT: 21.613 min Scan# 3175  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion:228 Resp: 56368  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.6 32.4  
229 19.4 15.7 23.5

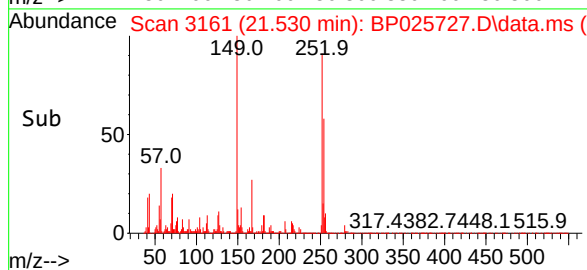
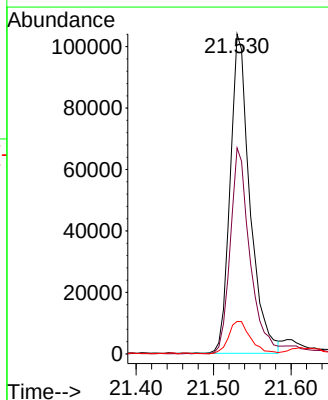
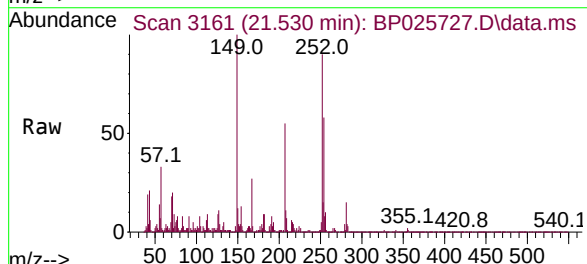
Manual Integrations  
APPROVED

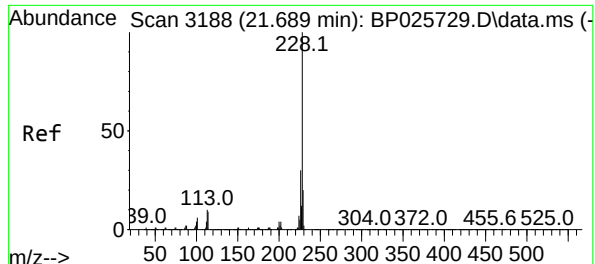
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 8.980 ng  
RT: 21.530 min Scan# 3161  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

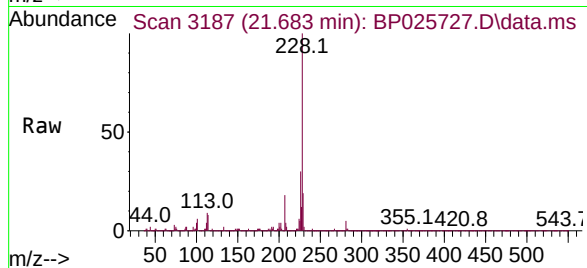
Tgt Ion:252 Resp: 184095  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.4 77.0  
126 10.1 8.3 12.5





#83  
Chrysene  
Concen: 9.599 ng  
RT: 21.683 min Scan# 3188  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

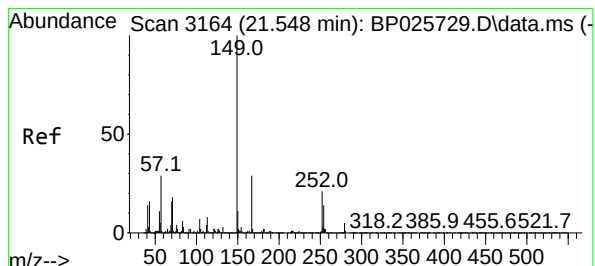
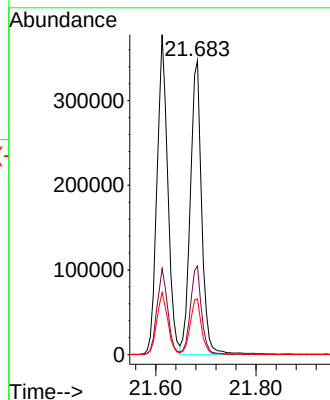
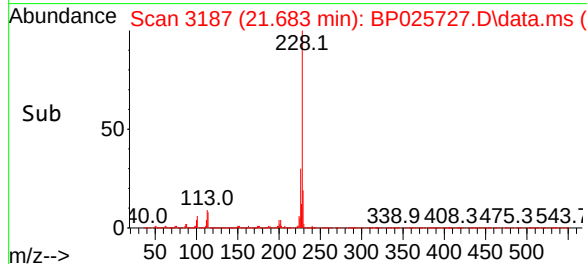
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion:228 Resp: 542537  
Ion Ratio Lower Upper  
228 100  
226 30.1 23.8 35.6  
229 18.9 15.6 23.4

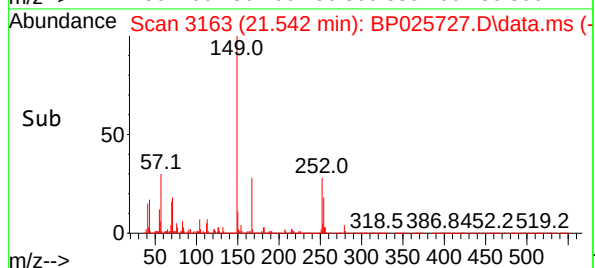
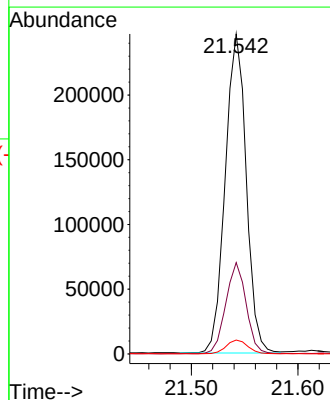
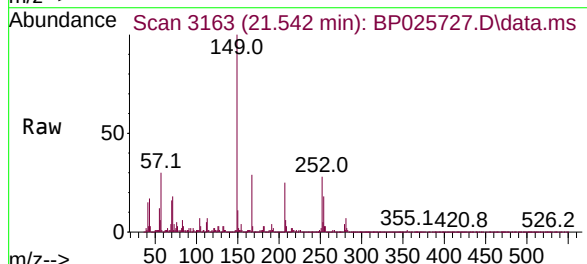
Manual Integrations  
APPROVED

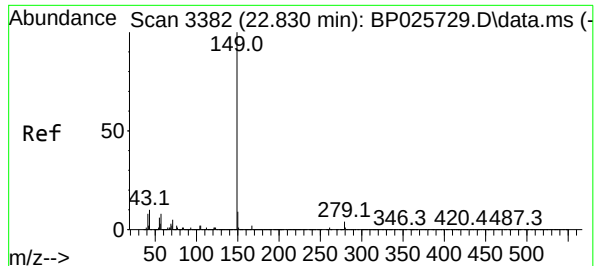
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 9.129 ng  
RT: 21.542 min Scan# 3163  
Delta R.T. -0.006 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

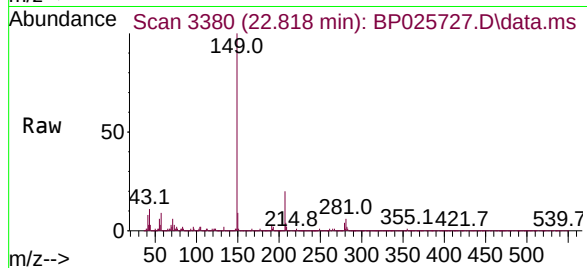
Tgt Ion:149 Resp: 338402  
Ion Ratio Lower Upper  
149 100  
167 28.5 22.9 34.3  
279 4.3 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 8.637 ng  
RT: 22.818 min Scan# 3382  
Delta R.T. -0.012 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

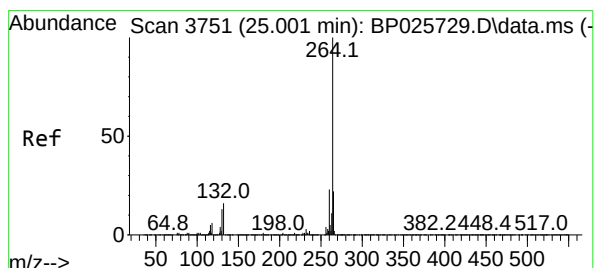
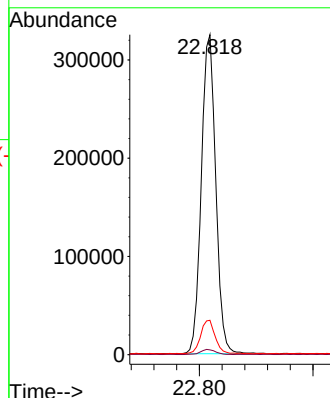
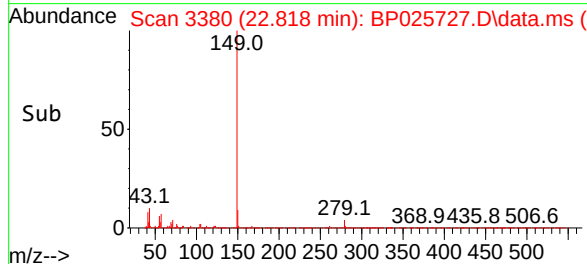
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion:149 Resp: 569524  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.7 8.0 12.0

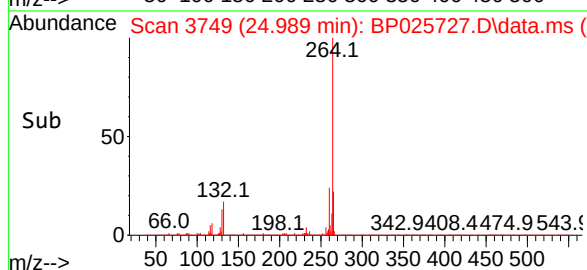
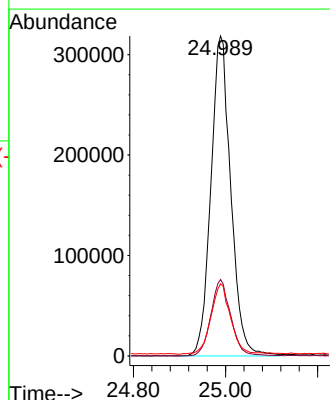
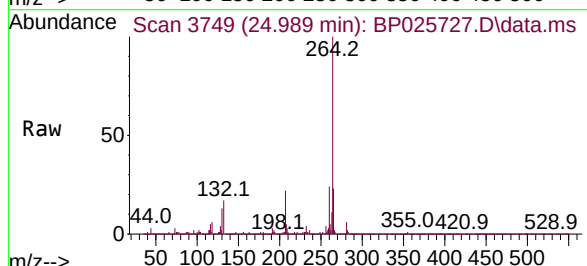
Manual Integrations  
APPROVED

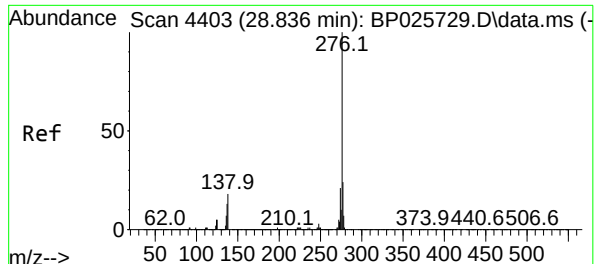
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.989 min Scan# 3749  
Delta R.T. -0.012 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

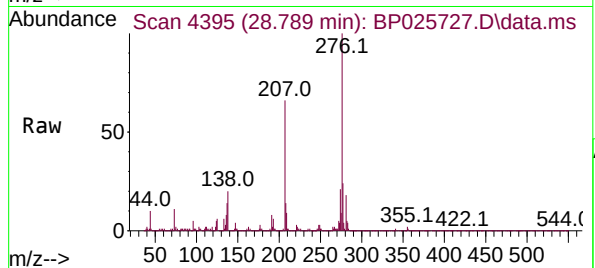
Tgt Ion:264 Resp: 954952  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.3 27.5  
265 22.5 17.3 25.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 9.173 ng  
RT: 28.789 min Scan# 4395  
Delta R.T. -0.047 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

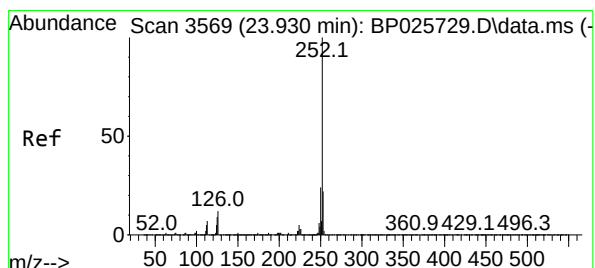
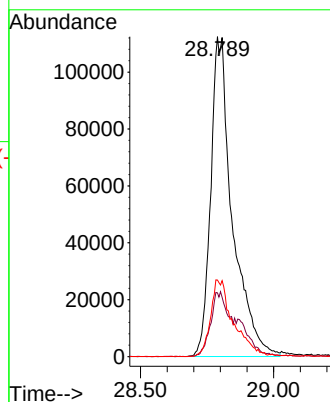
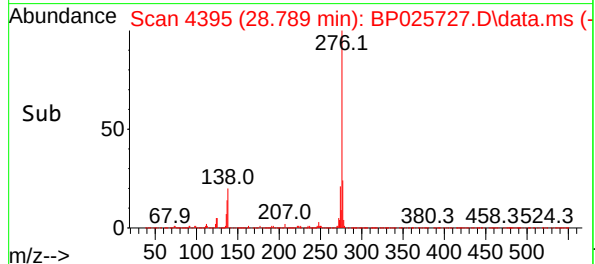
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010



Tgt Ion: 276 Resp: 637024  
Ion Ratio Lower Upper  
276 100  
138 16.5 13.4 20.2  
277 25.0 9.1 13.7

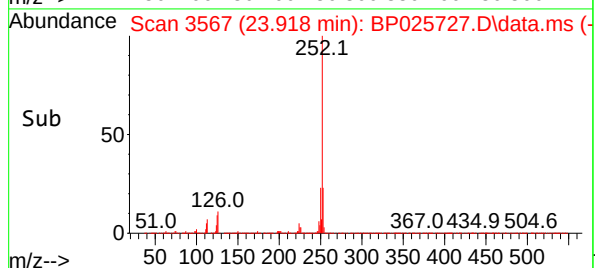
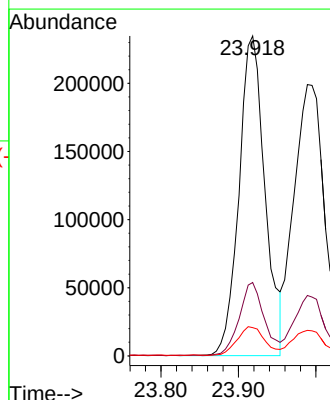
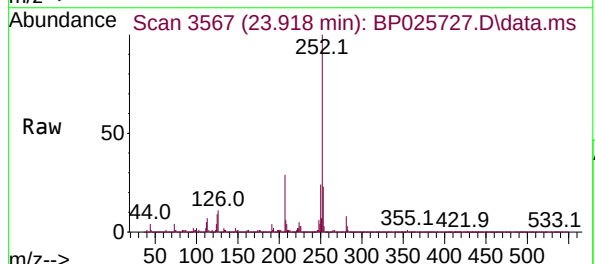
Manual Integrations  
APPROVED

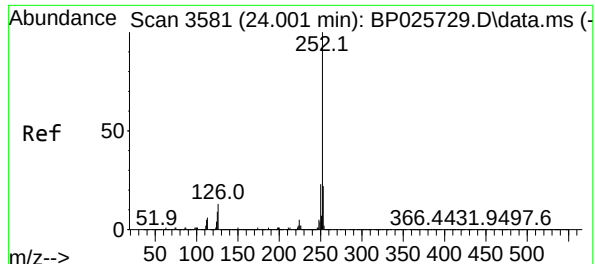
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#88  
Benzo(b)fluoranthene  
Concen: 9.360 ng  
RT: 23.918 min Scan# 3567  
Delta R.T. -0.012 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion: 252 Resp: 546577  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.9 26.9  
125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 9.378 ng

RT: 23.989 min Scan# 3581

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA\_P

ClientSampleId :

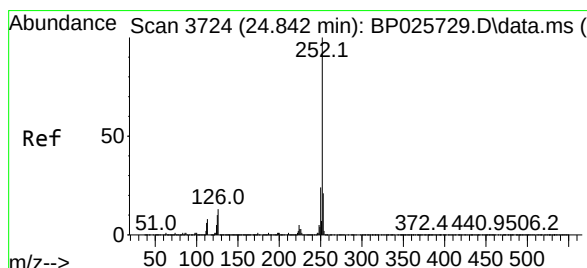
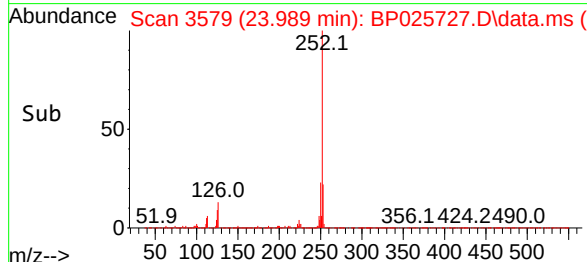
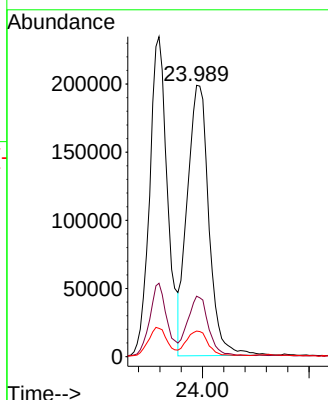
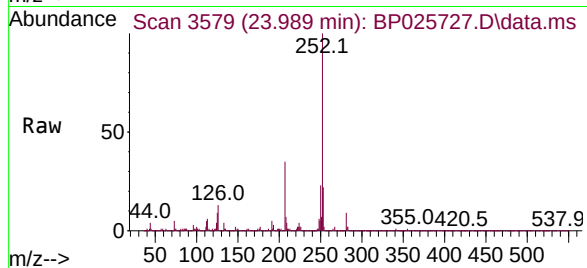
SSTDICC010

Tgt Ion:252 Resp: 558830  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 9.4 7.5 11.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 9.188 ng

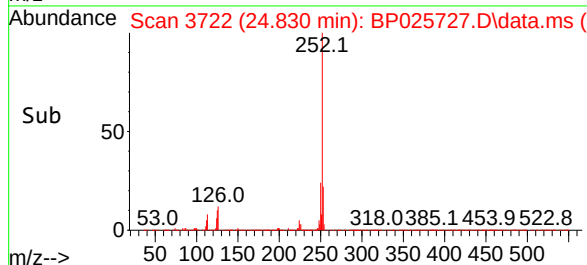
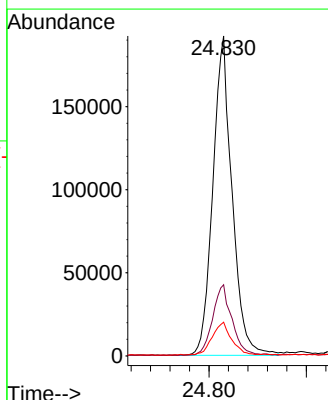
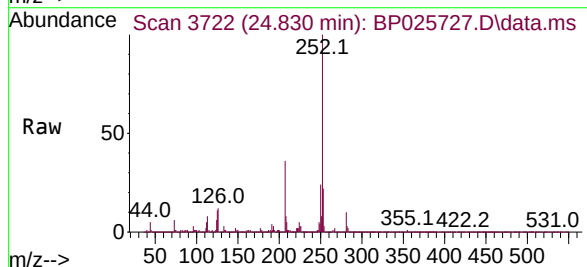
RT: 24.830 min Scan# 3722

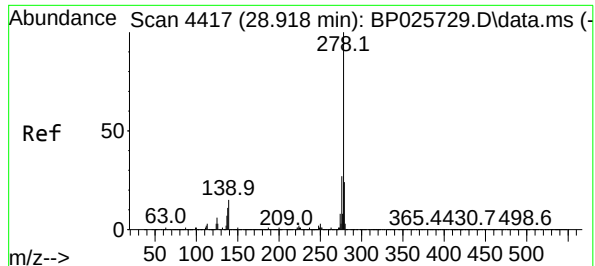
Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:252 Resp: 525444  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.2 25.8  
125 10.5 8.3 12.5





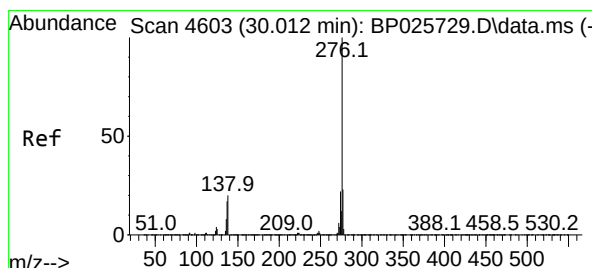
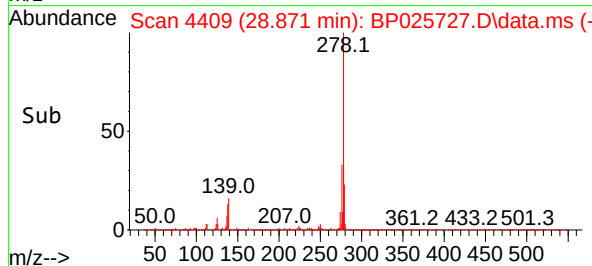
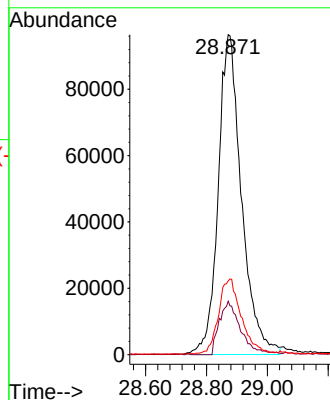
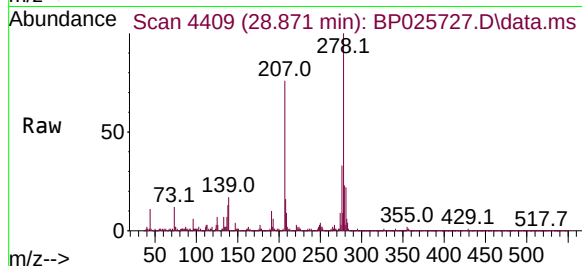
#91  
Dibenzo(a,h)anthracene  
Concen: 9.031 ng  
RT: 28.871 min Scan# 4417  
Delta R.T. -0.047 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC010

Tgt Ion: 278 Resp: 513228  
Ion Ratio Lower Upper  
278 100  
139 16.7 12.1 18.1  
279 23.0 19.6 29.4

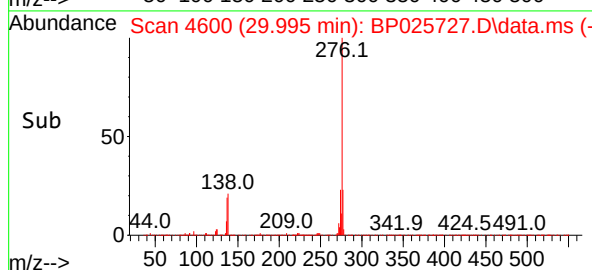
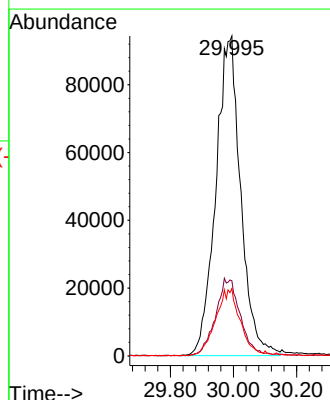
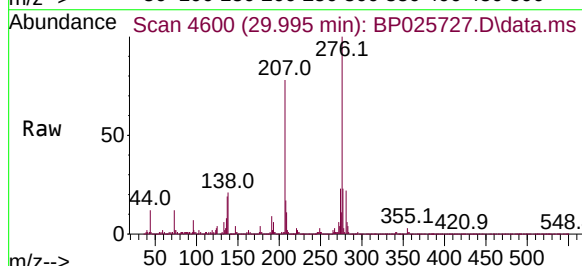
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#92  
Benzo(g,h,i)perylene  
Concen: 9.213 ng  
RT: 29.995 min Scan# 4600  
Delta R.T. -0.018 min  
Lab File: BP025727.D  
Acq: 11 Sep 2025 10:18

Tgt Ion: 276 Resp: 514884  
Ion Ratio Lower Upper  
276 100  
277 23.5 18.7 28.1  
138 21.0 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025728.D  
 Acq On : 11 Sep 2025 10:59  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.761  | 152  | 143999   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.525 | 136  | 606294   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 418871   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.184 | 188  | 862789   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 931523   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 25.013 | 264  | 988151   | 20.000 | ng    | 0.01     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 380187   | 42.601 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.943  | 99   | 516495   | 43.542 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.902  | 82   | 594129   | 43.226 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.901 | 330  | 226554   | 43.363 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.990 | 172  | 1386426  | 44.072 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.901 | 244  | 2231186  | 43.089 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 80281    | 21.433 | ng    | 99       |
| 3) Pyridine                   | 3.708  | 79   | 219692   | 21.301 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 103000   | 21.164 | ng    | 100      |
| 6) Aniline                    | 7.096  | 93   | 354574   | 21.775 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.337  | 128  | 208475   | 21.294 | ng    | 99       |
| 9) Benzaldehyde               | 6.914  | 77   | 107710m  | 15.166 | ng    |          |
| 10) Phenol                    | 6.972  | 94   | 266163   | 21.280 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 217190   | 21.613 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 239289   | 21.475 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.790  | 146  | 244577   | 21.548 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.108  | 146  | 235224   | 21.333 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.002  | 79   | 205181   | 20.933 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.272  | 45   | 356609   | 21.700 | ng    | 99       |
| 17) 2-Methylphenol            | 8.202  | 107  | 182618   | 21.655 | ng    | 100      |
| 18) Hexachloroethane          | 8.825  | 117  | 91098    | 21.012 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.555  | 70   | 187222   | 22.899 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.525  | 107  | 247752   | 20.978 | ng    | 98       |
| 22) Acetophenone              | 8.572  | 105  | 353588   | 21.823 | ng    | # 98     |
| 24) Nitrobenzene              | 8.943  | 77   | 266699   | 21.629 | ng    | 98       |
| 25) Isophorone                | 9.466  | 82   | 522705   | 21.636 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.649  | 139  | 115173   | 21.038 | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 208989   | 21.760 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.937  | 93   | 309508   | 22.163 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 205319   | 21.441 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.390 | 180  | 228468   | 21.170 | ng    | 97       |
| 31) Naphthalene               | 10.578 | 128  | 705465   | 21.579 | ng    | 100      |
| 32) Benzoic acid              | 9.843  | 122  | 129745   | 18.170 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.690 | 127  | 296539   | 21.763 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.860 | 225  | 149942   | 21.583 | ng    | 99       |
| 35) Caprolactam               | 11.472 | 113  | 76940    | 20.887 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.819 | 107  | 245998   | 21.548 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 459751   | 21.896 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.413 | 142  | 489270   | 21.851 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 273360   | 21.536 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.537 | 237  | 136556   | 19.753 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 182331   | 21.851 | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025728.D  
 Acq On : 11 Sep 2025 10:59  
 Operator : CG/JU  
 Sample : SSTDICC020  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC020

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.890 | 196  | 201778   | 21.728 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.207 | 154  | 669889   | 21.788 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.243 | 162  | 524481   | 21.665 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.460 | 65   | 174129   | 21.578 | ng    | 99       |
| 49) Acenaphthylene            | 14.095 | 152  | 877353   | 21.873 | ng    | 100      |
| 50) Dimethylphthalate         | 13.837 | 163  | 704532   | 22.031 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 147655   | 21.793 | ng    | 99       |
| 52) Acenaphthene              | 14.443 | 154  | 505575   | 21.856 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.290 | 138  | 154856   | 21.735 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.501 | 184  | 72511    | 20.292 | ng    | 96       |
| 55) Dibenzofuran              | 14.790 | 168  | 823747   | 21.850 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.631 | 139  | 106678   | 20.895 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.754 | 165  | 209898   | 21.769 | ng    | 93       |
| 58) Fluorene                  | 15.442 | 166  | 661561   | 22.068 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232  | 181997   | 21.756 | ng    | 98       |
| 60) Diethylphthalate          | 15.213 | 149  | 710972   | 21.918 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.431 | 204  | 331129   | 21.917 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 159664   | 21.891 | ng    | 99       |
| 63) Azobenzene                | 15.737 | 77   | 690423   | 22.012 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.537 | 198  | 116319   | 20.272 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.660 | 169  | 587714   | 22.259 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.360 | 248  | 206823   | 21.820 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 229447   | 21.707 | ng    | 94       |
| 69) Atrazine                  | 16.642 | 200  | 223909   | 22.185 | ng    | 98       |
| 70) Pentachlorophenol         | 16.831 | 266  | 145273   | 20.824 | ng    | 98       |
| 71) Phenanthrene              | 17.231 | 178  | 1075795  | 21.981 | ng    | 99       |
| 72) Anthracene                | 17.319 | 178  | 1104346  | 22.239 | ng    | 99       |
| 73) Carbazole                 | 17.601 | 167  | 1022406  | 22.146 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.183 | 149  | 1266684  | 22.358 | ng    | 99       |
| 75) Fluoranthene              | 19.319 | 202  | 1303398  | 22.205 | ng    | 100      |
| 77) Benzidine                 | 19.513 | 184  | 499919   | 18.631 | ng    | 99       |
| 78) Pyrene                    | 19.695 | 202  | 1345082  | 21.640 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 592103   | 21.726 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.607 | 228  | 1370258  | 21.486 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.536 | 252  | 464513   | 21.065 | ng    | 99       |
| 83) Chrysene                  | 21.683 | 228  | 1301547  | 21.410 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.548 | 149  | 866210   | 21.725 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.830 | 149  | 1493820  | 21.062 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.795 | 276  | 1514360  | 21.074 | ng    | # 85     |
| 88) Benzo(b)fluoranthene      | 23.924 | 252  | 1288073  | 21.316 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.995 | 252  | 1351055  | 21.911 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.830 | 252  | 1260461  | 21.300 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.883 | 278  | 1238767  | 21.066 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.995 | 276  | 1210808  | 20.937 | ng    | 99       |

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



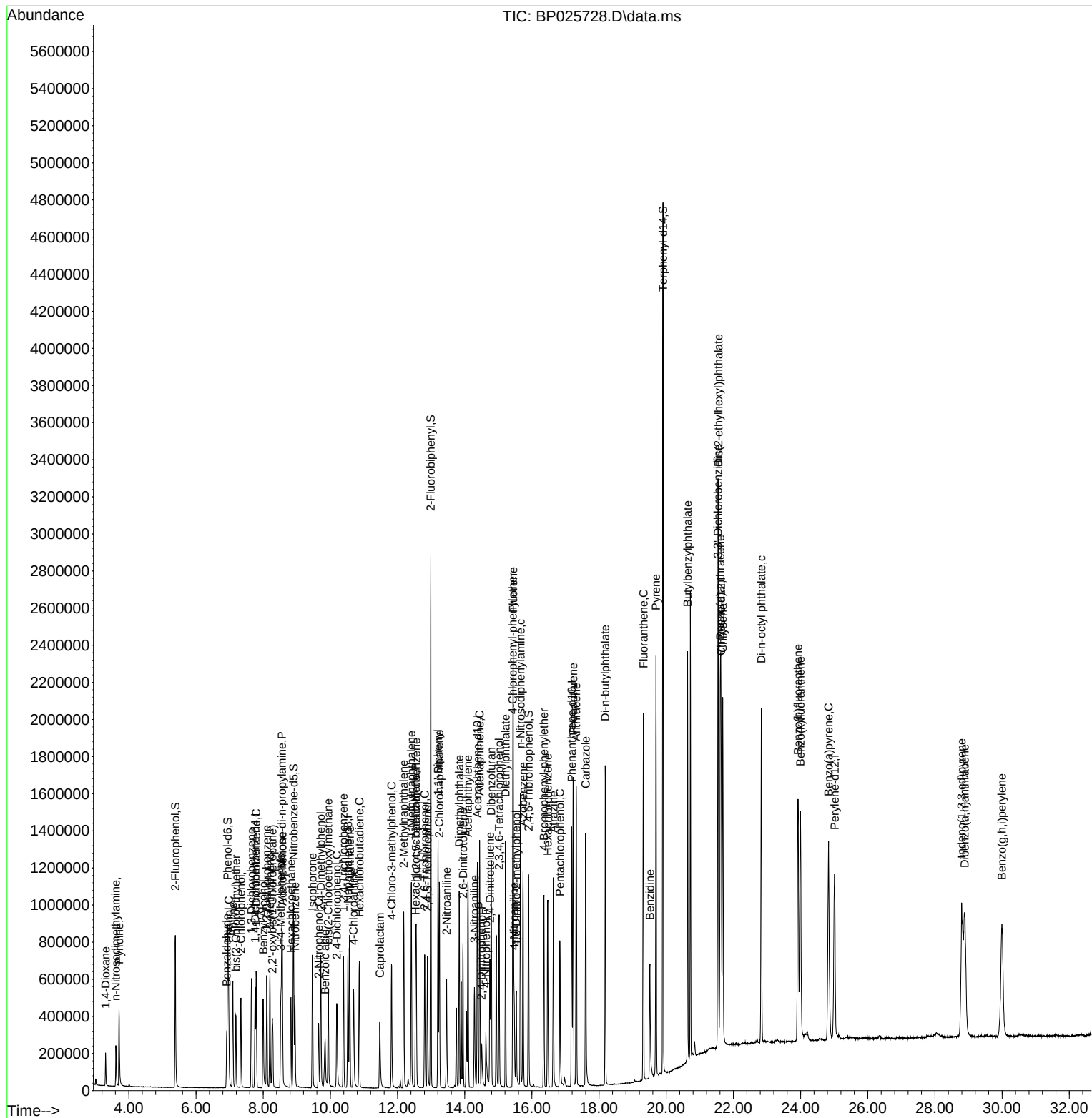
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Data File : BP025728.D  
Acq On : 11 Sep 2025 10:59  
Operator : CG/JU  
Sample : SSTDICC020  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

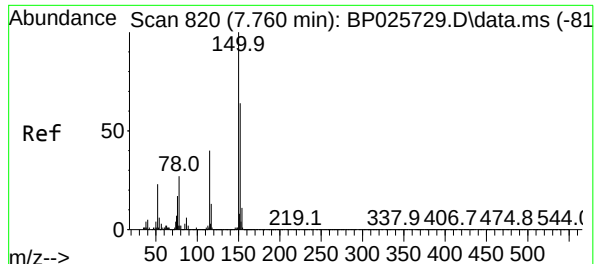
**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC020

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:16:10 2025  
Response via : Initial Calibration





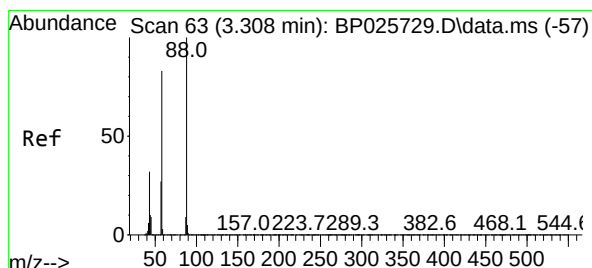
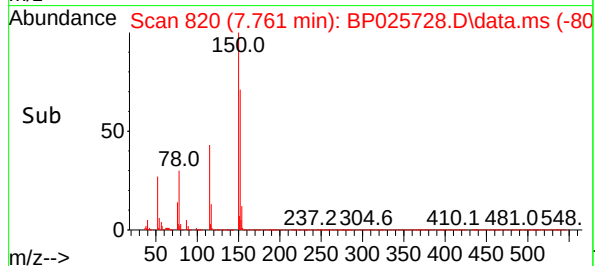
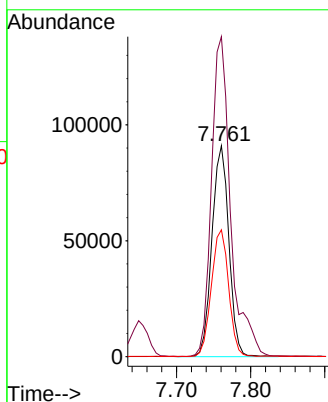
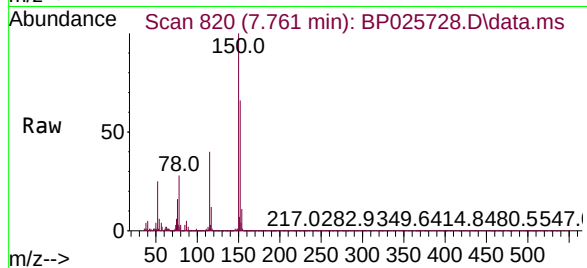
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.761 min Scan# 820  
Delta R.T. 0.001 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020

Tgt Ion:152 Resp: 143999  
Ion Ratio Lower Upper  
152 100  
150 151.8 124.3 186.5  
115 60.2 50.3 75.5

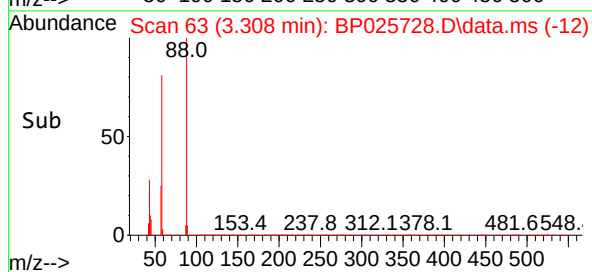
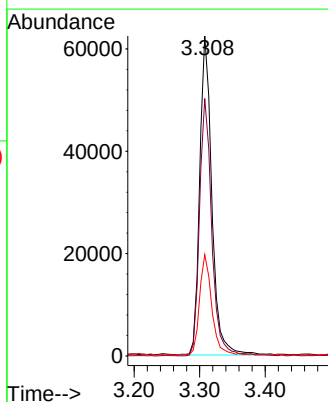
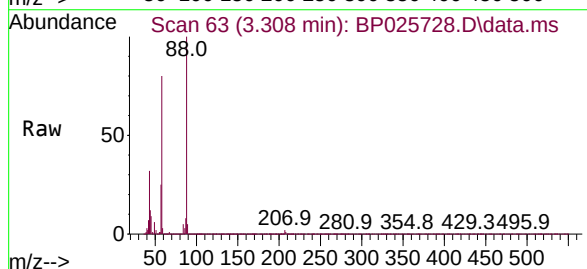
Manual Integrations  
APPROVED

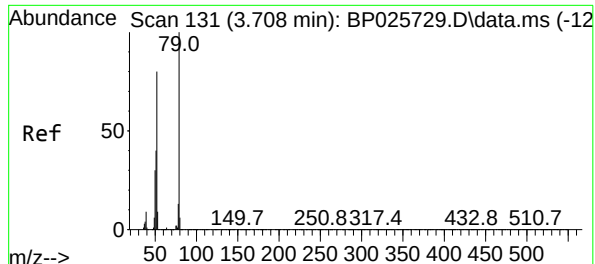
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#2  
1,4-Dioxane  
Concen: 21.433 ng  
RT: 3.308 min Scan# 63  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

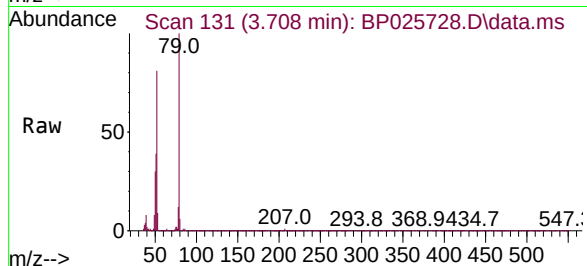
Tgt Ion: 88 Resp: 80281  
Ion Ratio Lower Upper  
88 100  
58 81.1 65.5 98.3  
43 31.6 25.2 37.8





#3  
Pyridine  
Concen: 21.301 ng  
RT: 3.708 min Scan# 131  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

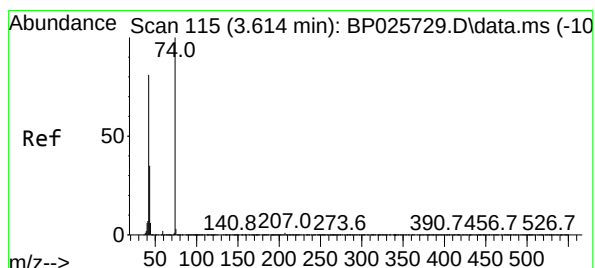
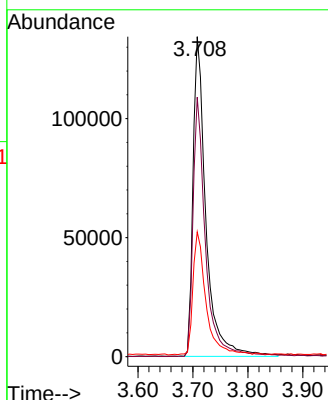
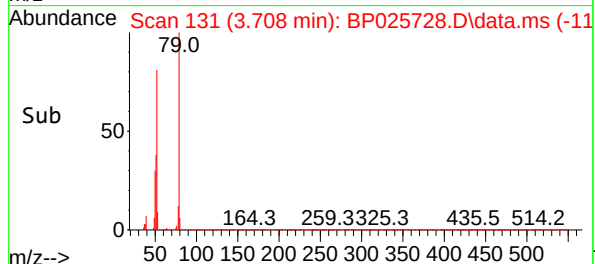
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



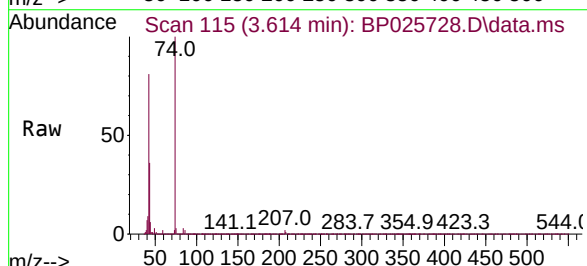
Tgt Ion: 79 Resp: 219692  
Ion Ratio Lower Upper  
79 100  
52 81.1 63.7 95.5  
51 39.0 32.4 48.6

Manual Integrations  
APPROVED

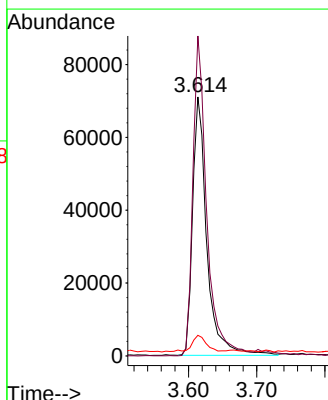
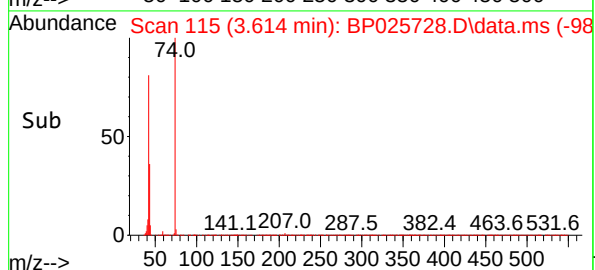
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

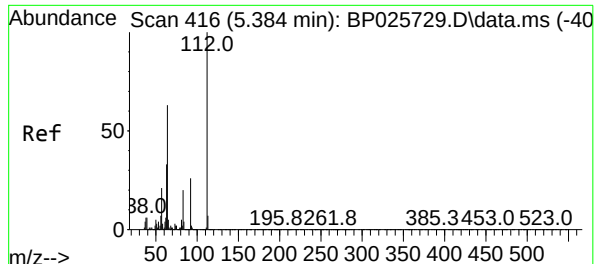


#4  
n-Nitrosodimethylamine  
Concen: 21.164 ng  
RT: 3.614 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59



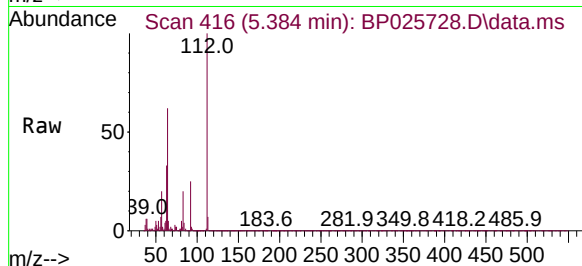
Tgt Ion: 42 Resp: 103000  
Ion Ratio Lower Upper  
42 100  
74 123.6 99.2 148.8  
44 8.0 6.4 9.6





#5  
2-Fluorophenol  
Concen: 42.601 ng  
RT: 5.384 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

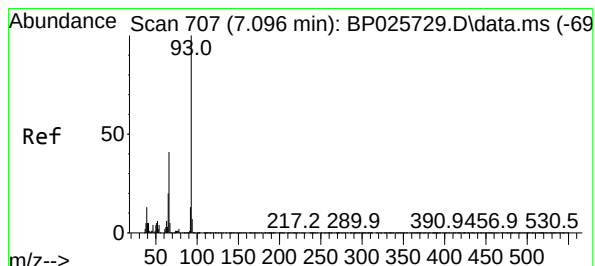
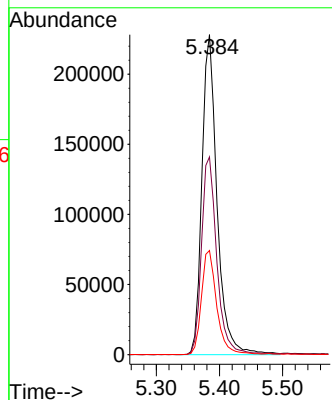
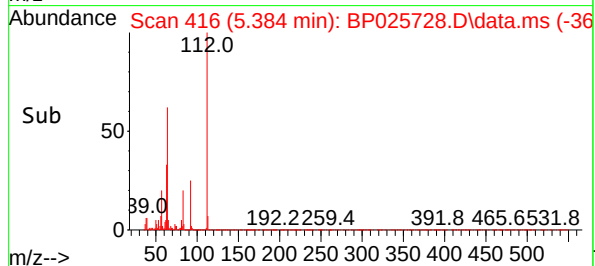
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion: 112 Resp: 380187  
Ion Ratio Lower Upper  
112 100  
64 61.8 50.2 75.4  
63 32.5 26.7 40.1

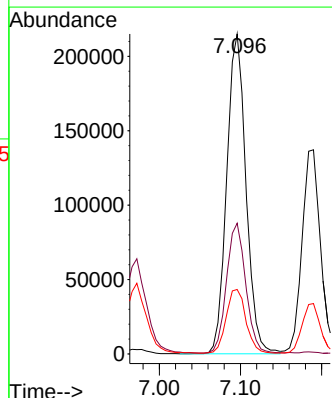
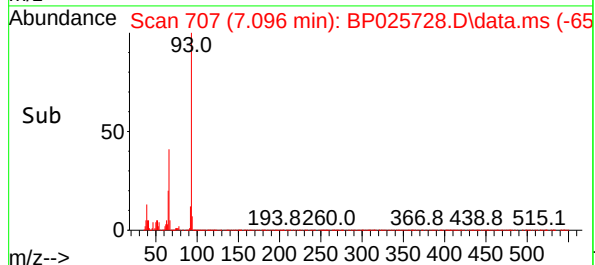
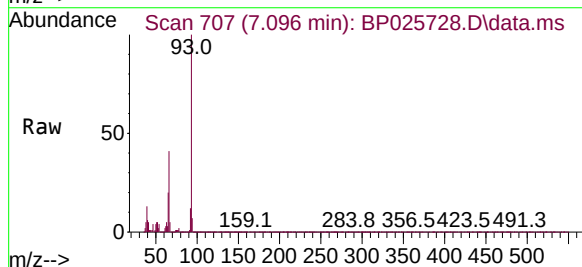
Manual Integrations  
APPROVED

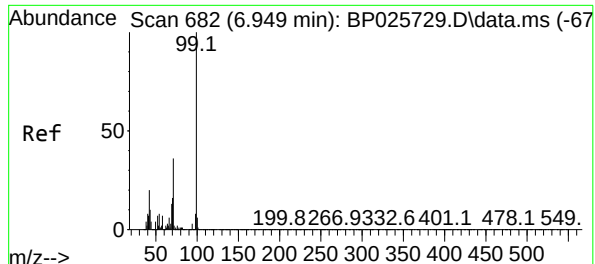
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#6  
Aniline  
Concen: 21.775 ng  
RT: 7.096 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion: 93 Resp: 354574  
Ion Ratio Lower Upper  
93 100  
66 40.8 32.6 49.0  
65 20.1 16.2 24.2





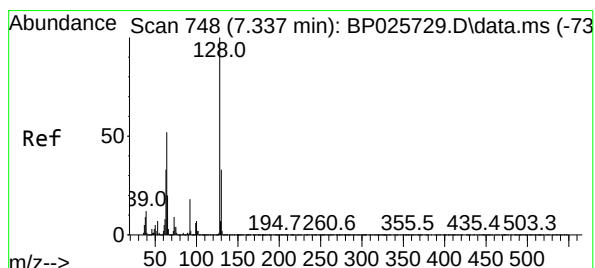
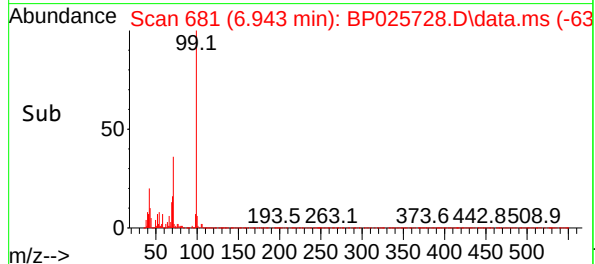
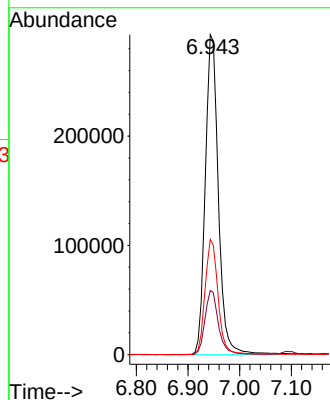
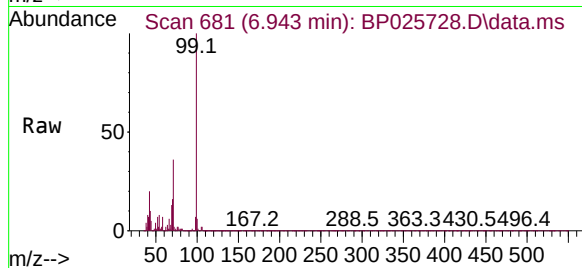
#7  
Phenol-d6  
Concen: 43.542 ng  
RT: 6.943 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020

Tgt Ion: 99 Resp: 516495  
Ion Ratio Lower Upper  
99 100  
42 20.0 15.6 23.4  
71 36.0 28.6 43.0

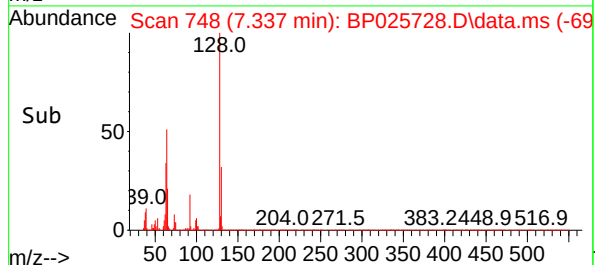
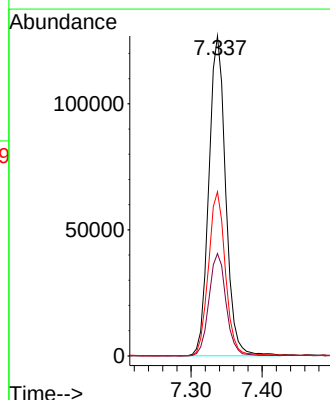
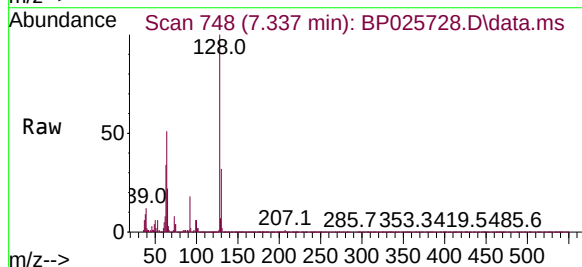
Manual Integrations  
APPROVED

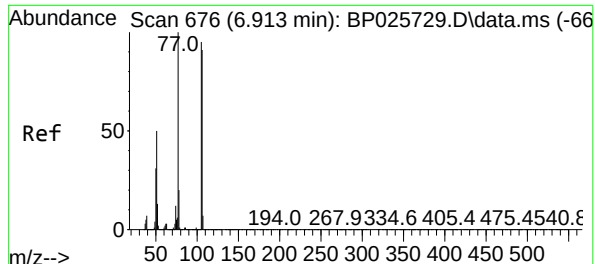
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#8  
2-Chlorophenol  
Concen: 21.294 ng  
RT: 7.337 min Scan# 748  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion:128 Resp: 208475  
Ion Ratio Lower Upper  
128 100  
130 32.0 12.6 52.6  
64 51.3 31.6 71.6





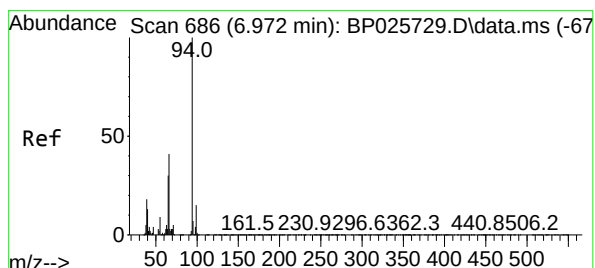
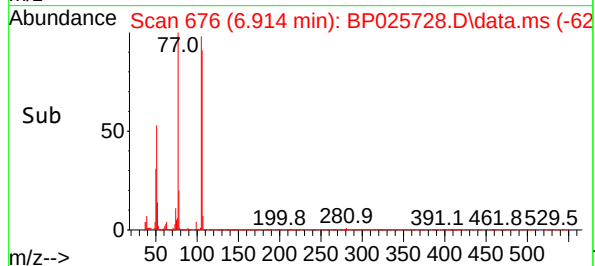
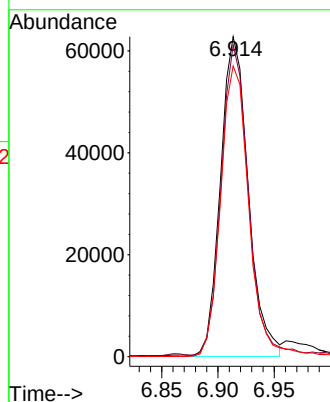
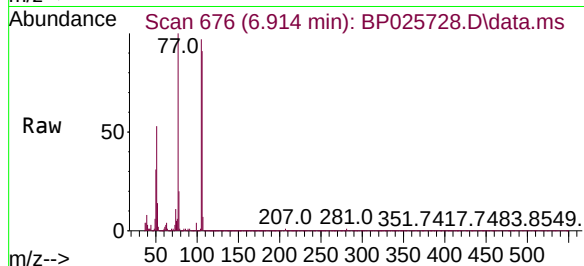
#9  
Benzaldehyde  
Concen: 15.166 ng m  
RT: 6.914 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020

Tgt Ion: 77 Resp: 107710  
Ion Ratio Lower Upper  
77 100  
105 97.4 75.2 115.2  
106 90.8 71.3 111.3

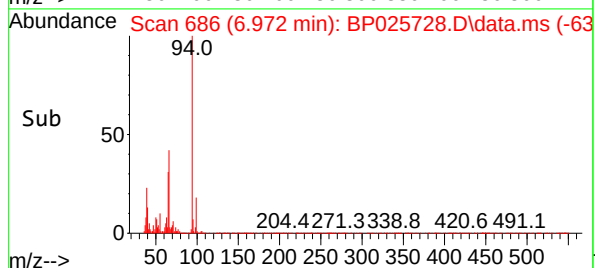
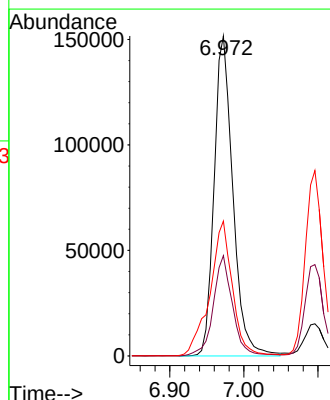
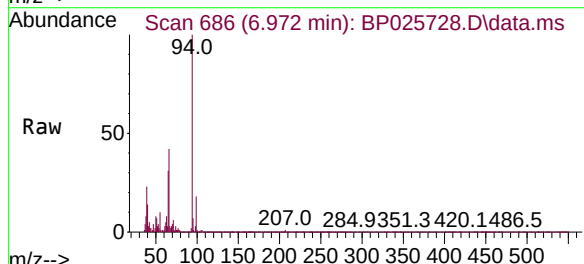
Manual Integrations  
APPROVED

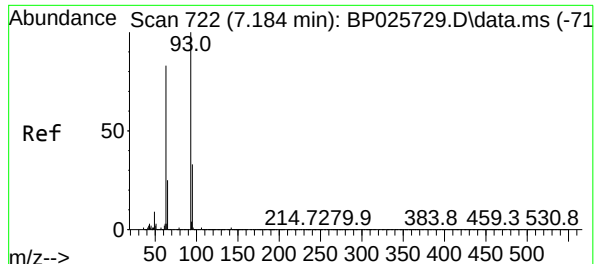
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#10  
Phenol  
Concen: 21.280 ng  
RT: 6.972 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion: 94 Resp: 266163  
Ion Ratio Lower Upper  
94 100  
65 31.3 10.2 50.2  
66 42.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 21.613 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 217190

Ion Ratio Lower Upper

93 100

63 79.8 62.6 102.6

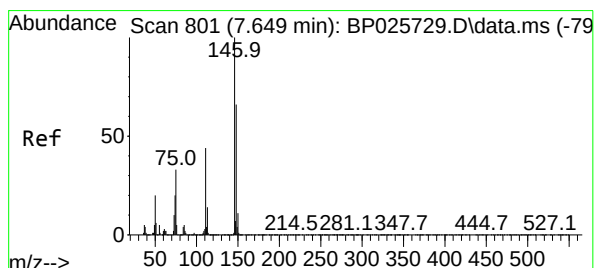
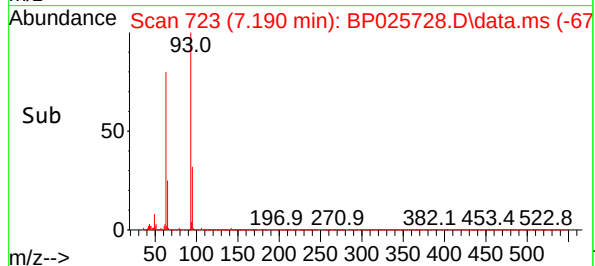
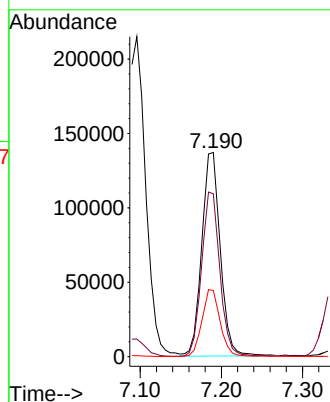
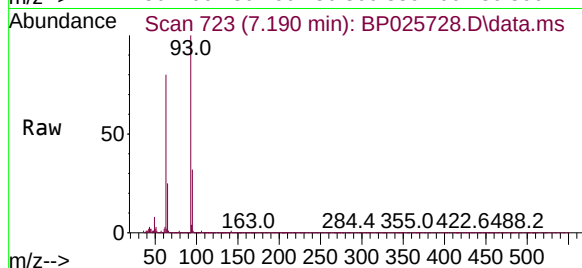
95 32.4 13.2 53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 21.475 ng

RT: 7.649 min Scan# 801

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

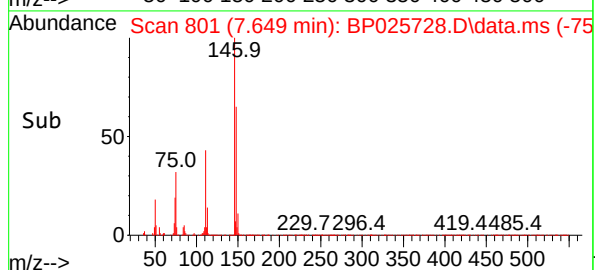
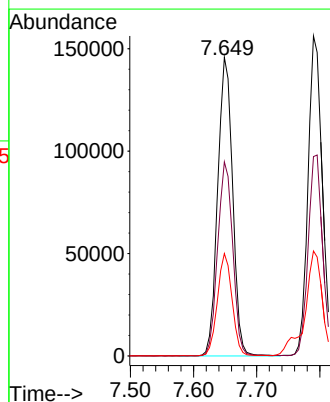
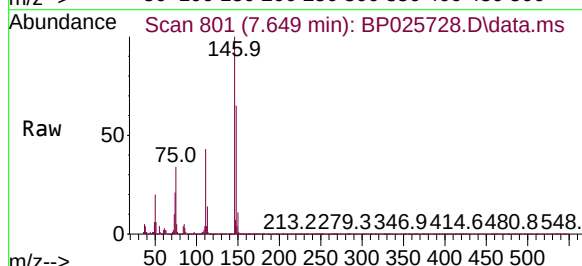
Tgt Ion:146 Resp: 239289

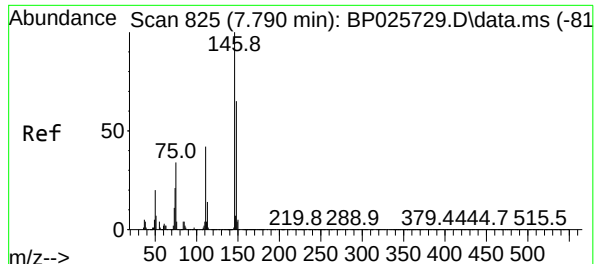
Ion Ratio Lower Upper

146 100

148 65.0 52.7 79.1

75 34.3 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 21.548 ng

RT: 7.790 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

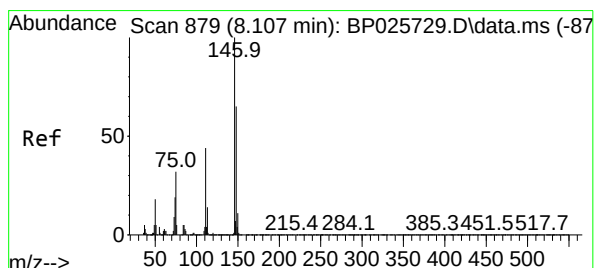
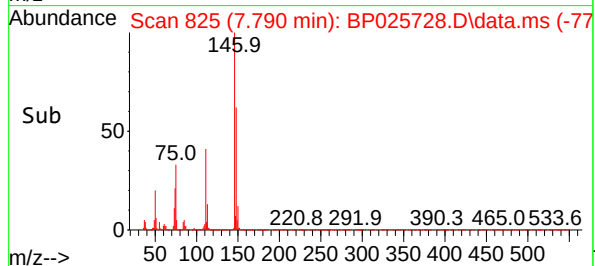
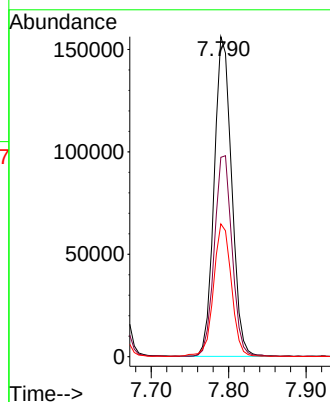
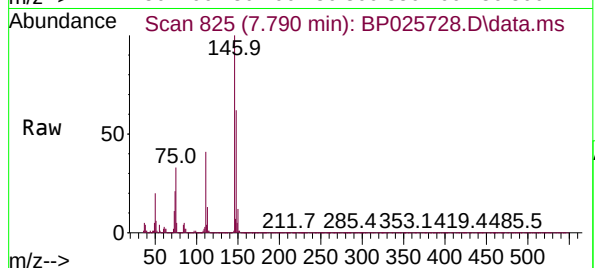
SSTDICC020

| Tgt Ion   | 146   | Resp  | 24457 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 62.3  | 52.0  | 78.0  |
| 111       | 41.5  | 33.9  | 50.9  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 21.333 ng

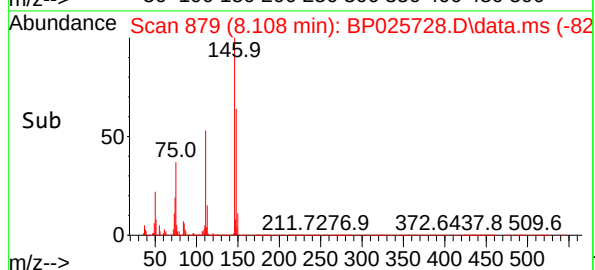
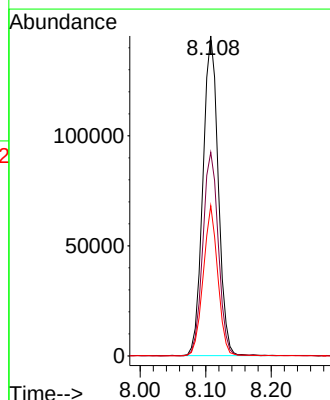
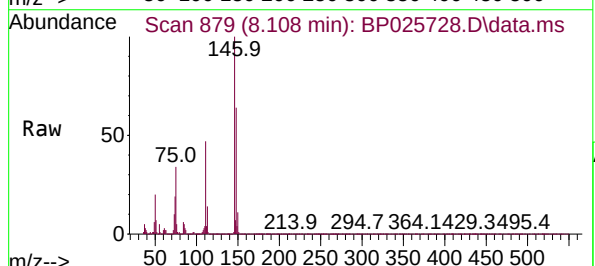
RT: 8.108 min Scan# 879

Delta R.T. 0.000 min

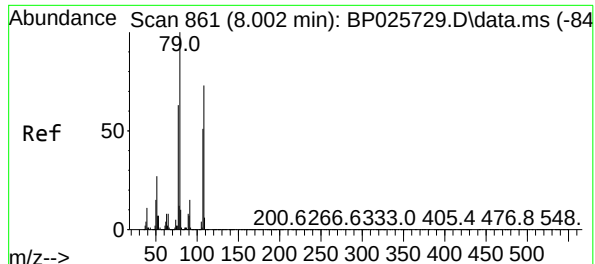
Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

| Tgt Ion   | 146   | Resp  | 235224 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.6  | 51.7  | 77.5   |
| 111       | 46.9  | 35.5  | 53.3   |







#15

Benzyl Alcohol

Concen: 20.933 ng

RT: 8.002 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 20518

Ion Ratio Lower Upper

79 100

108 74.5 58.7 88.1

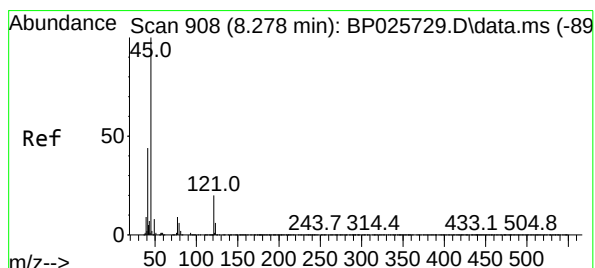
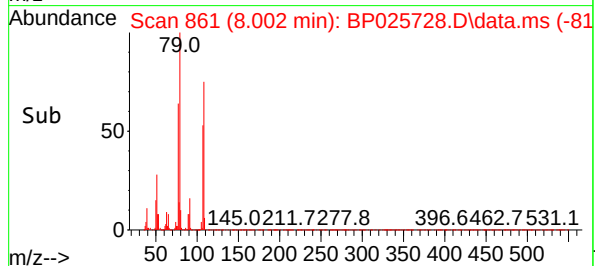
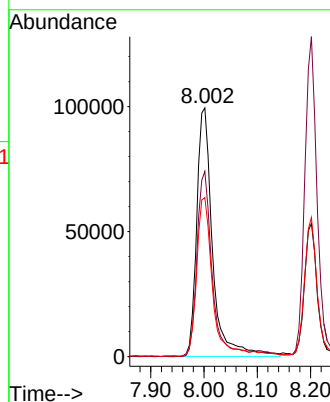
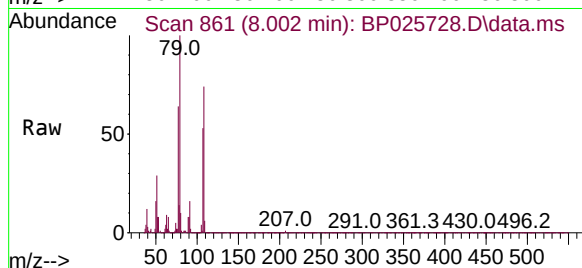
77 63.9 50.2 75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.700 ng

RT: 8.272 min Scan# 907

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

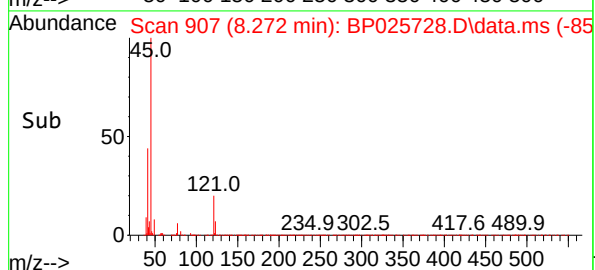
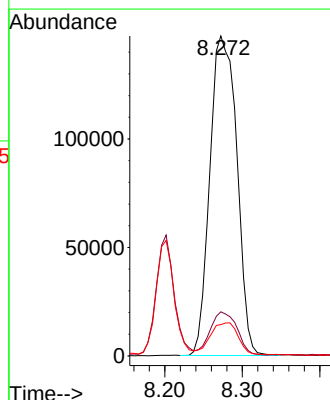
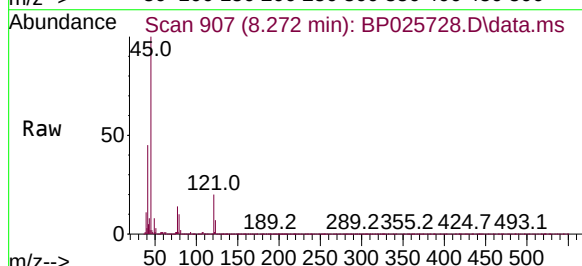
Tgt Ion: 45 Resp: 356609

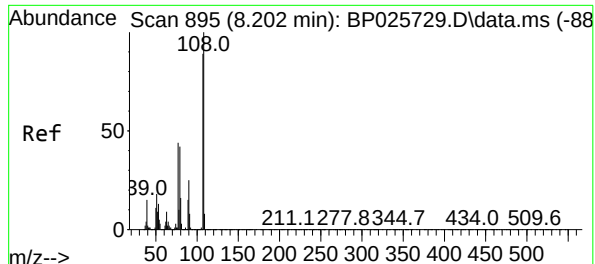
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.1

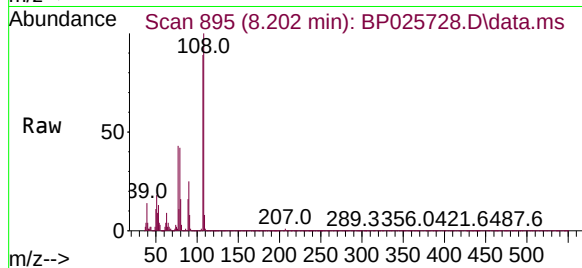
79 9.8 0.0 30.0





#17  
2-Methylphenol  
Concen: 21.655 ng  
RT: 8.202 min Scan# 895  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

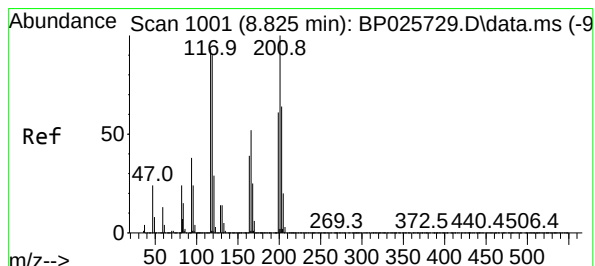
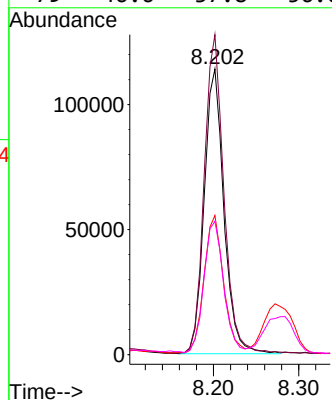
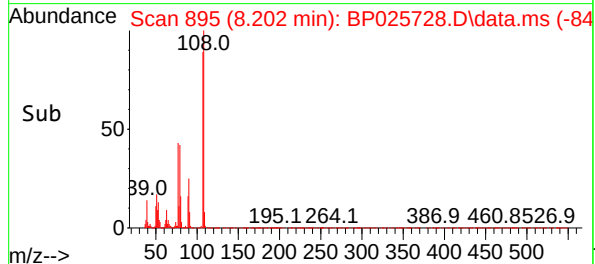
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



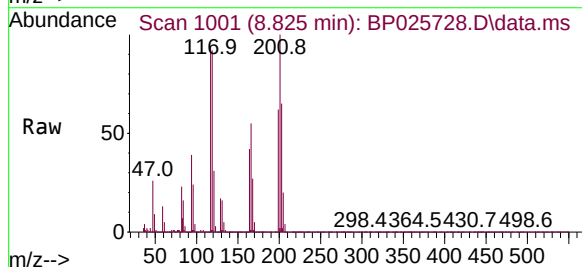
Tgt Ion:107 Resp: 182618  
Ion Ratio Lower Upper  
107 100  
108 112.0 89.6 134.4  
77 48.7 39.3 58.9  
79 46.6 37.8 56.6

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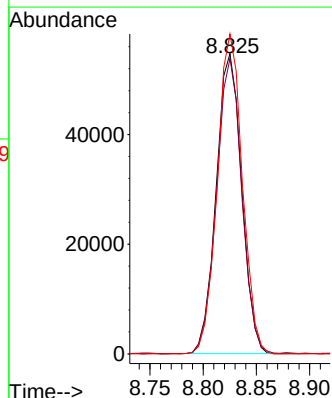
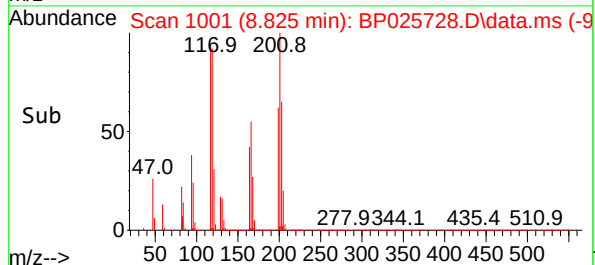
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

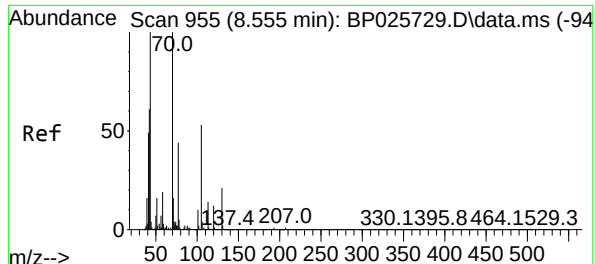


#18  
Hexachloroethane  
Concen: 21.012 ng  
RT: 8.825 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59



Tgt Ion:117 Resp: 91098  
Ion Ratio Lower Upper  
117 100  
119 98.4 77.1 115.7  
201 106.6 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 22.899 ng

RT: 8.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 18722

Ion Ratio Lower Upper

70 100

42 59.9 49.0 73.4

101 9.6 7.9 11.9

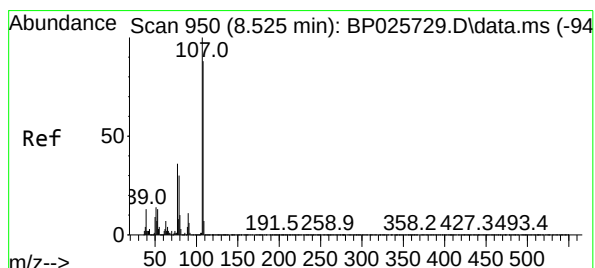
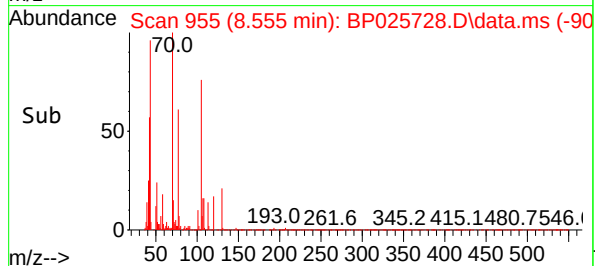
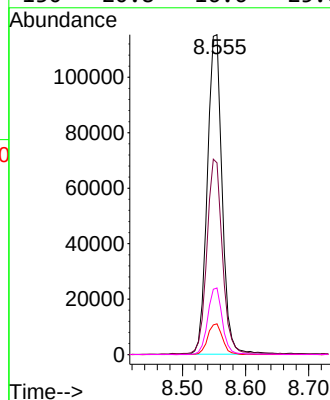
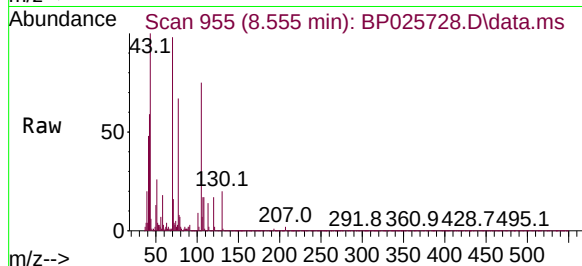
130 20.8 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 20.978 ng

RT: 8.525 min Scan# 950

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:107 Resp: 247752

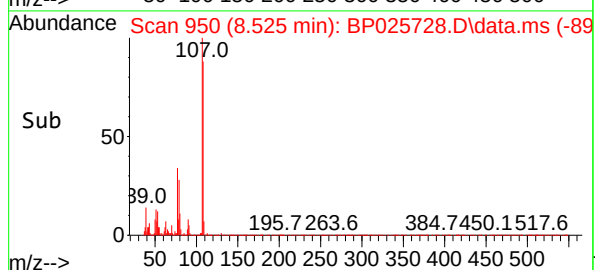
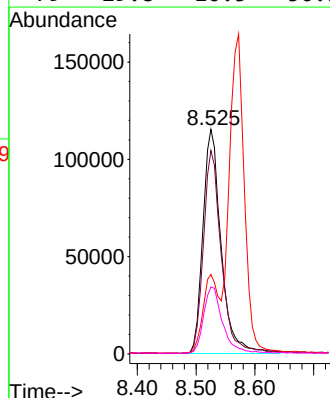
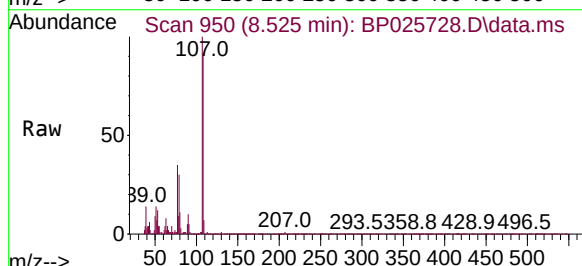
Ion Ratio Lower Upper

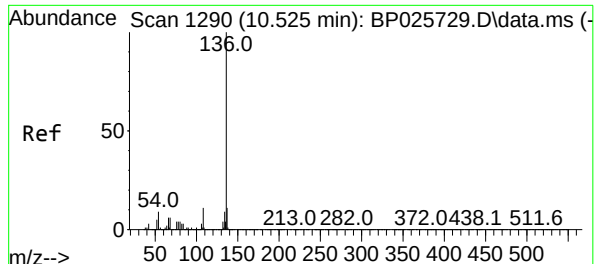
107 100

108 90.5 67.8 107.8

77 35.4 16.1 56.1

79 29.8 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.525 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 606294

Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 8.7 7.5 11.3

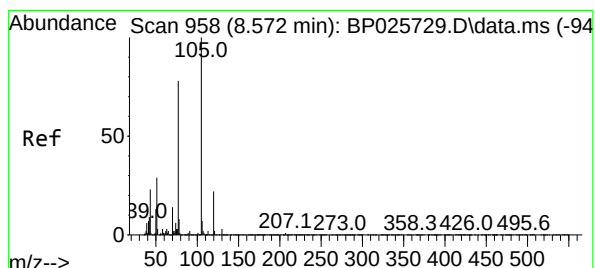
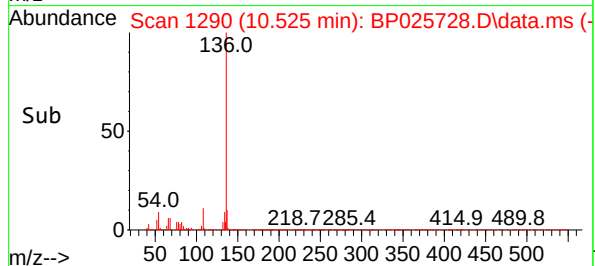
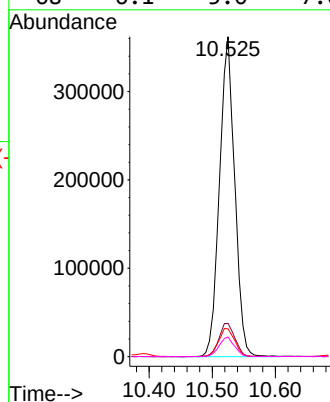
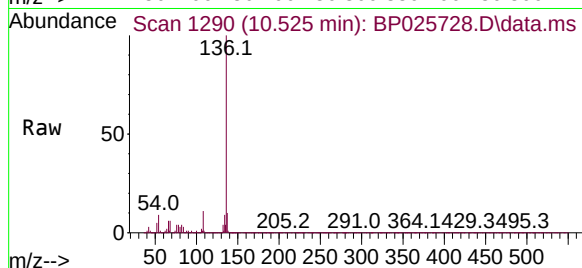
68 6.1 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 21.823 ng

RT: 8.572 min Scan# 958

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:105 Resp: 353588

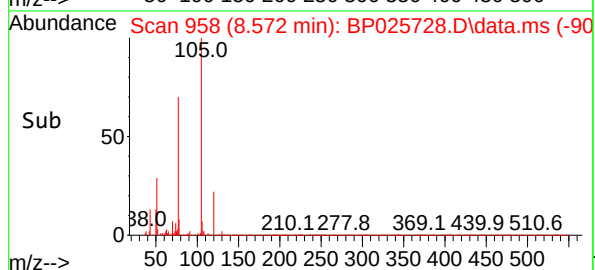
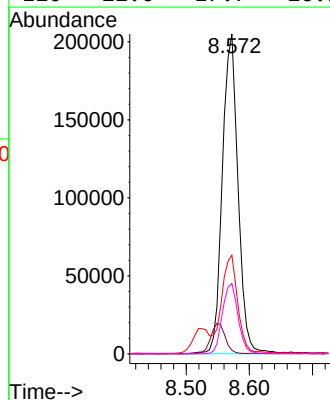
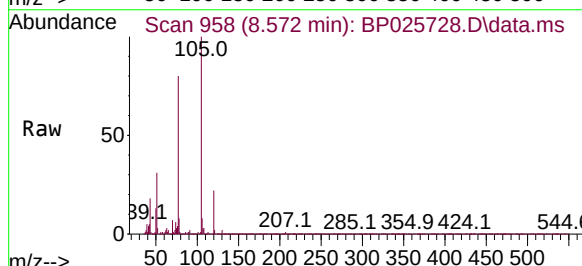
Ion Ratio Lower Upper

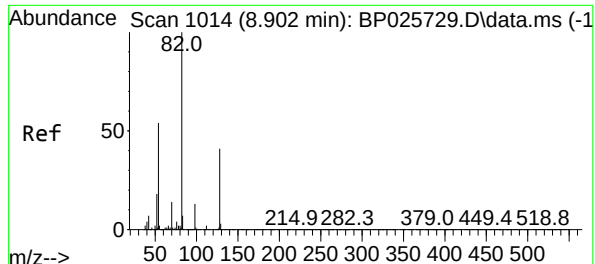
105 100

71 1.2 1.8 2.8

51 30.8 23.5 35.3

120 22.0 17.7 26.5





#23

Nitrobenzene-d5

Concen: 43.226 ng

RT: 8.902 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 594129

Ion Ratio Lower Upper

82 100

128 41.4 32.9 49.3

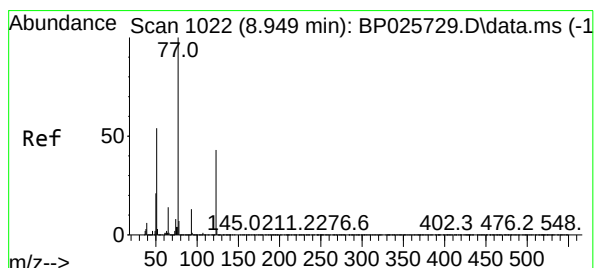
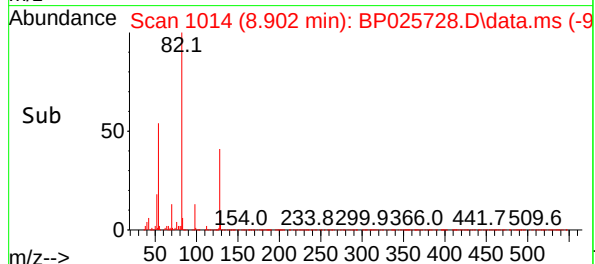
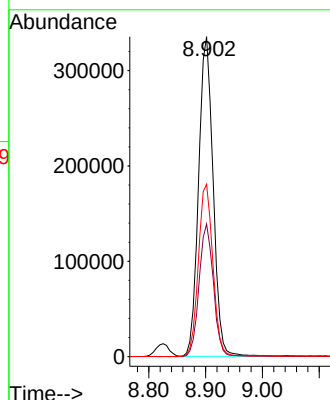
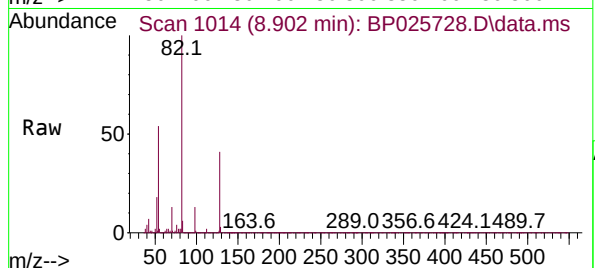
54 53.9 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 21.629 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

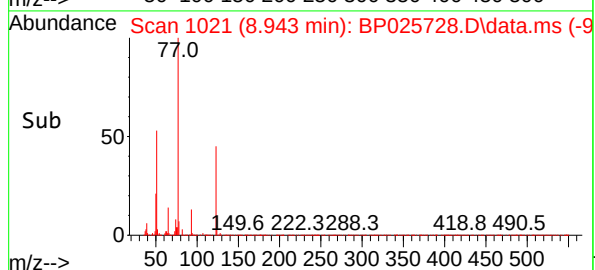
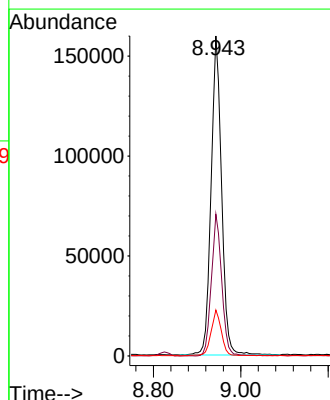
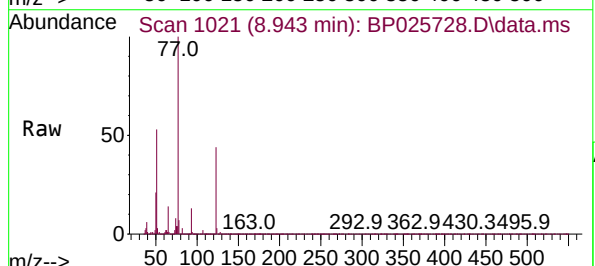
Tgt Ion: 77 Resp: 266699

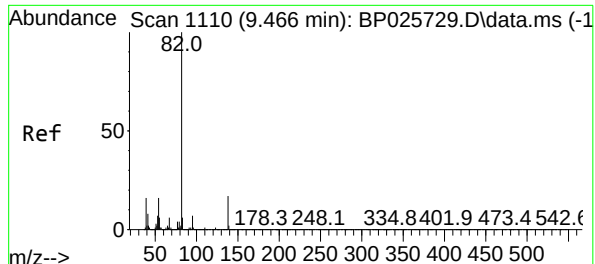
Ion Ratio Lower Upper

77 100

123 44.3 34.4 51.6

65 14.3 10.8 16.2





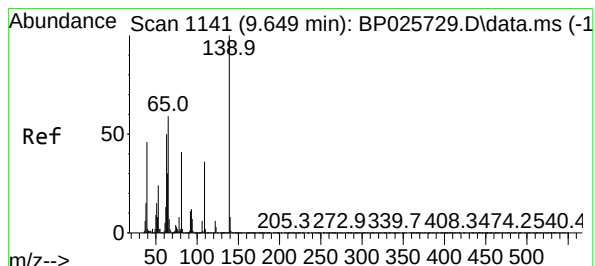
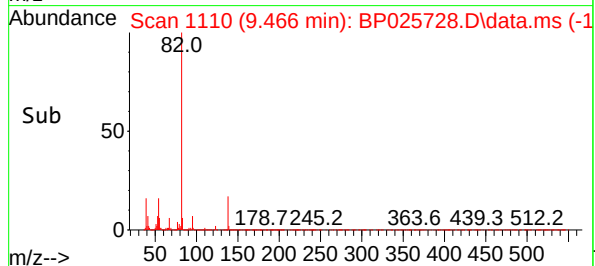
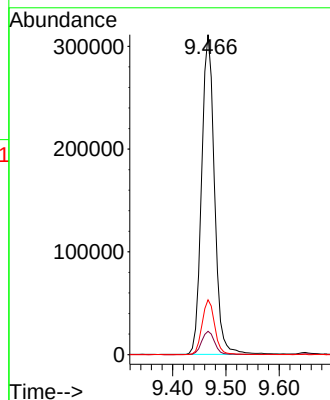
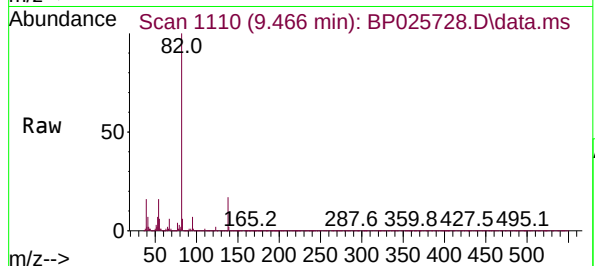
#25  
Isophorone  
Concen: 21.636 ng  
RT: 9.466 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020

Tgt Ion: 82 Resp: 522705  
Ion Ratio Lower Upper  
82 100  
95 7.3 5.8 8.8  
138 17.1 13.5 20.3

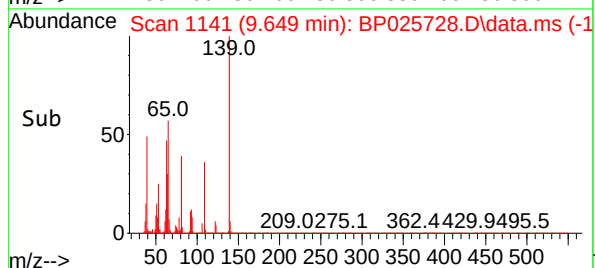
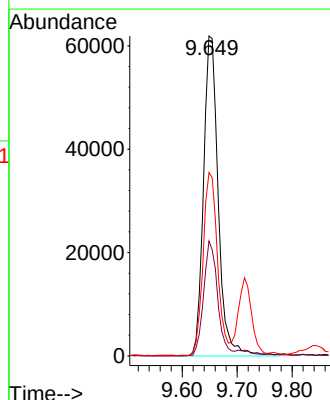
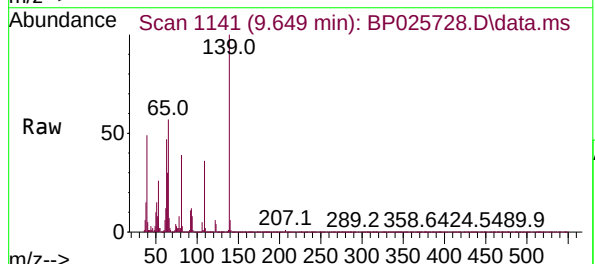
Manual Integrations  
APPROVED

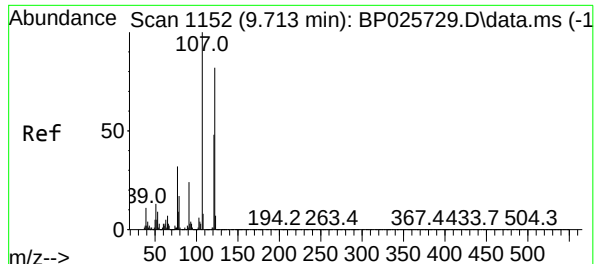
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#26  
2-Nitrophenol  
Concen: 21.038 ng  
RT: 9.649 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion:139 Resp: 115173  
Ion Ratio Lower Upper  
139 100  
109 35.9 29.0 43.4  
65 57.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 21.760 ng

RT: 9.713 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 208989

Ion Ratio Lower Upper

122 100

107 120.9 97.9 146.9

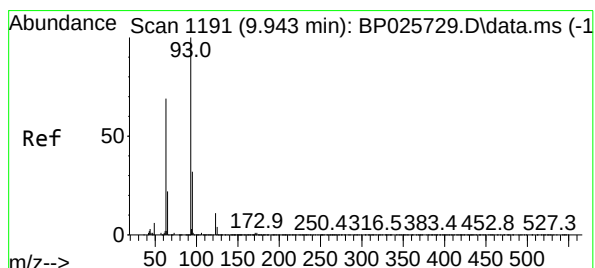
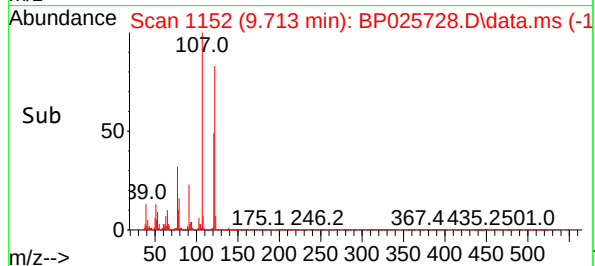
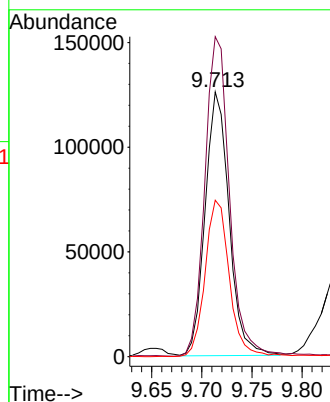
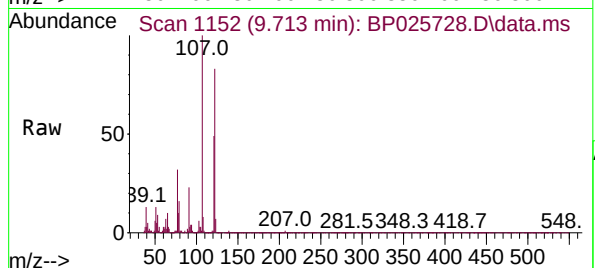
121 59.1 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 22.163 ng

RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

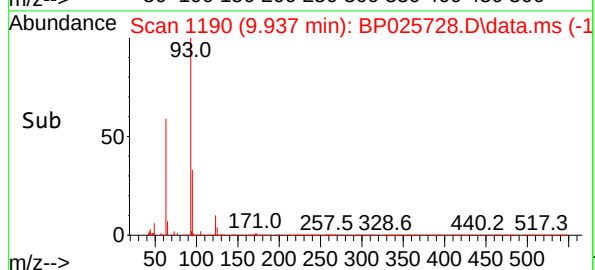
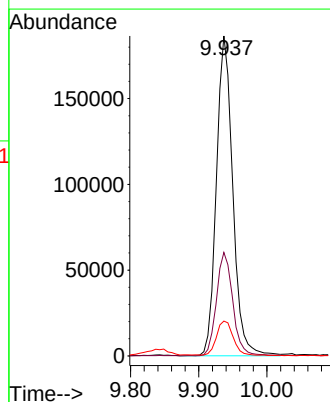
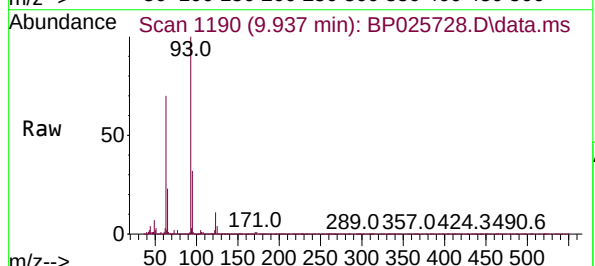
Tgt Ion: 93 Resp: 309508

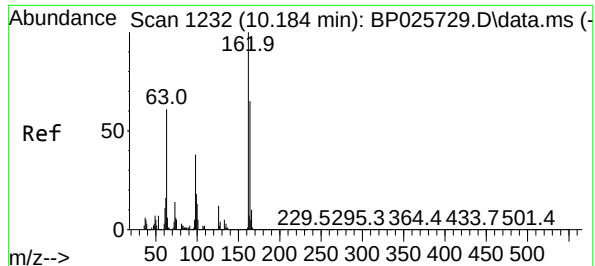
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 21.441 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 205319

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

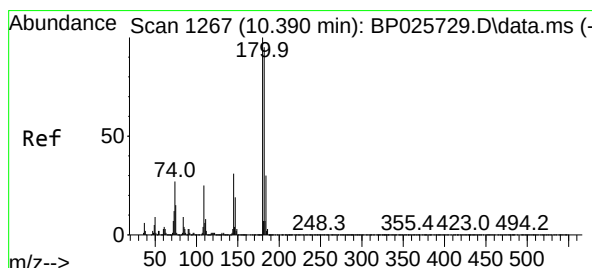
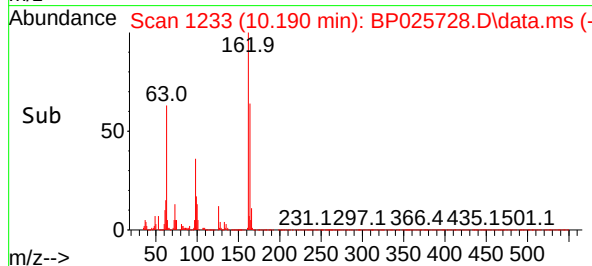
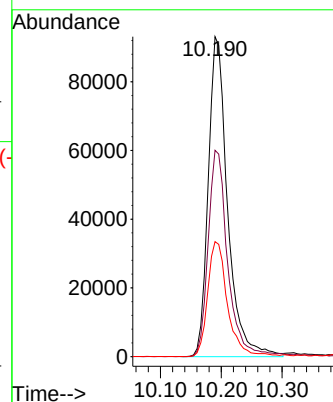
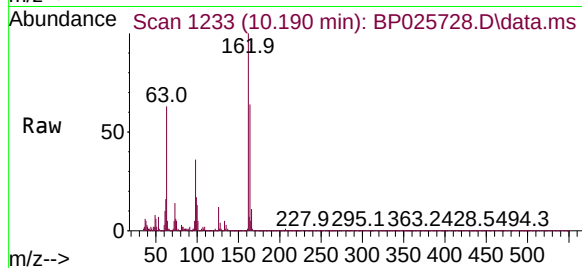
98 35.9 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 21.170 ng

RT: 10.390 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

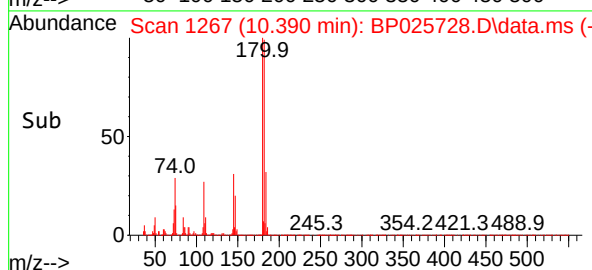
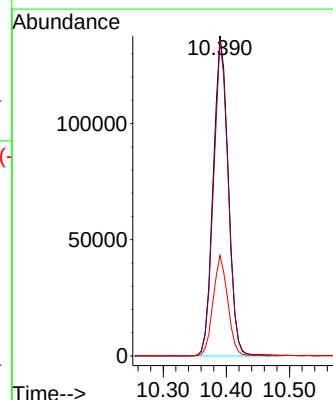
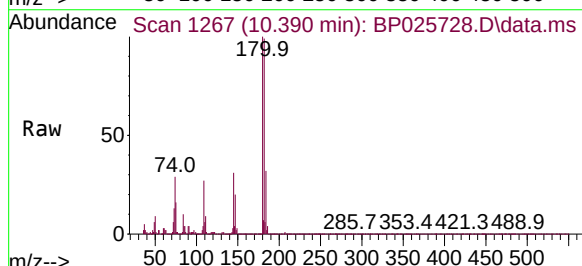
Tgt Ion:180 Resp: 228468

Ion Ratio Lower Upper

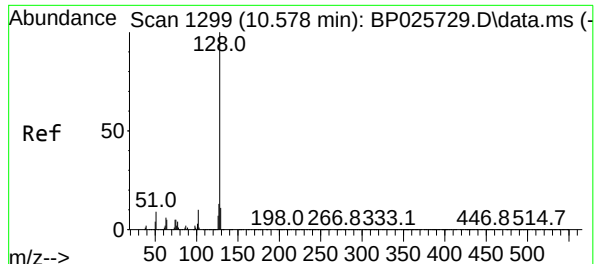
180 100

182 98.8 76.0 114.0

145 31.4 24.7 37.1







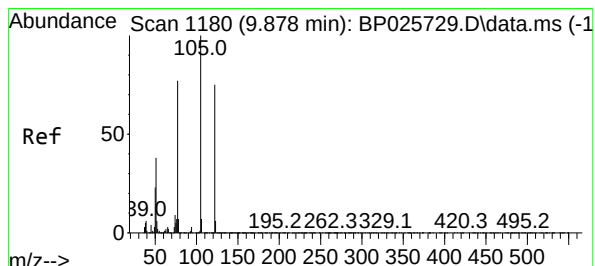
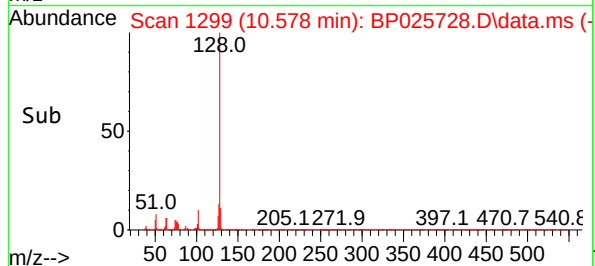
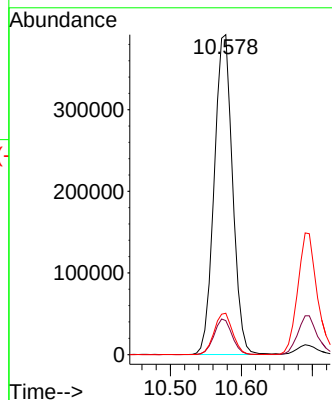
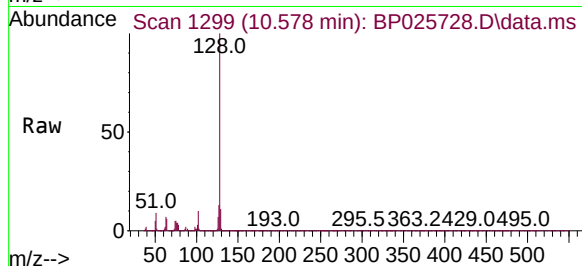
#31  
Naphthalene  
Concen: 21.579 ng  
RT: 10.578 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020

Tgt Ion:128 Resp: 705465  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.6 12.8  
127 12.9 10.2 15.4

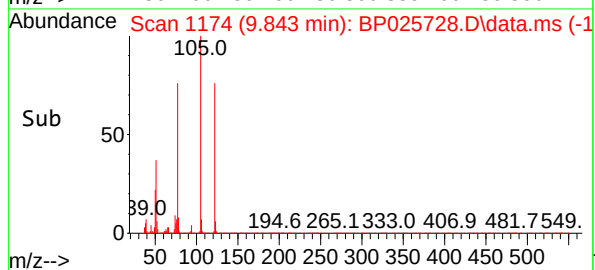
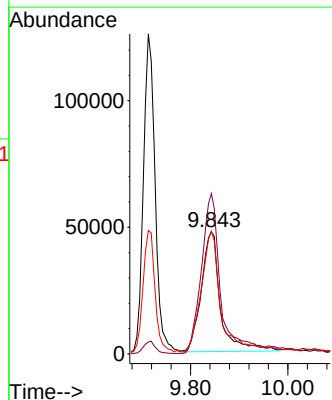
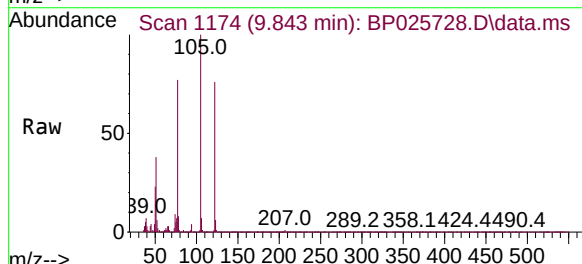
Manual Integrations  
APPROVED

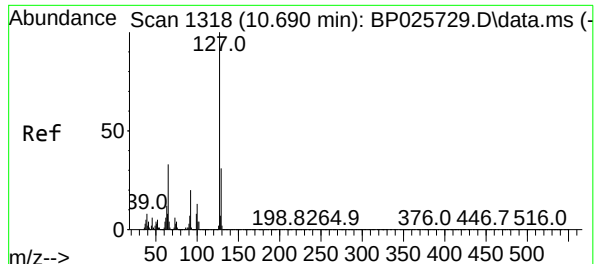
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#32  
Benzoic acid  
Concen: 18.170 ng  
RT: 9.843 min Scan# 1174  
Delta R.T. -0.035 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

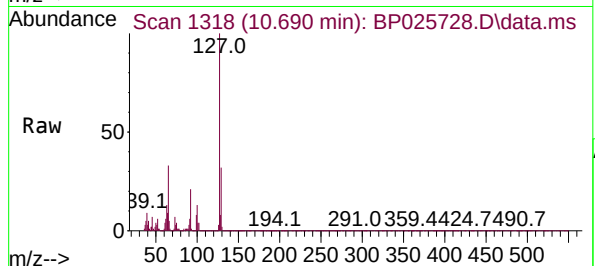
Tgt Ion:122 Resp: 129745  
Ion Ratio Lower Upper  
122 100  
105 131.3 111.5 151.5  
77 100.6 81.8 121.8





#33  
4-Chloroaniline  
Concen: 21.763 ng  
RT: 10.690 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

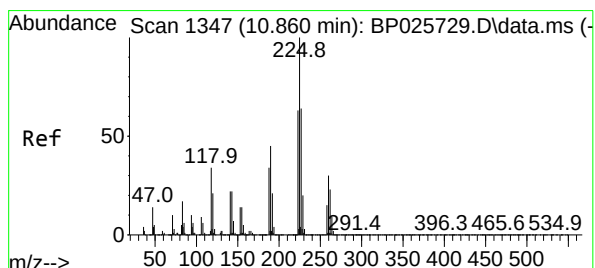
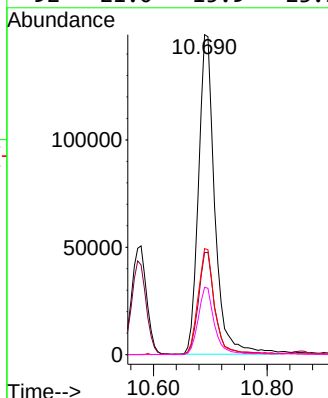
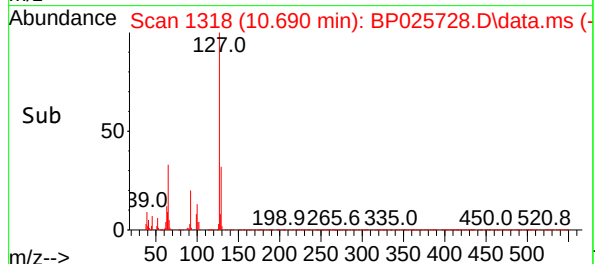
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:127 Resp: 296539  
Ion Ratio Lower Upper  
127 100  
129 31.9 25.1 37.7  
65 33.1 26.4 39.6  
92 21.0 15.9 23.9

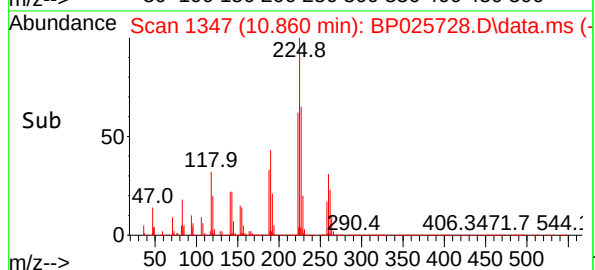
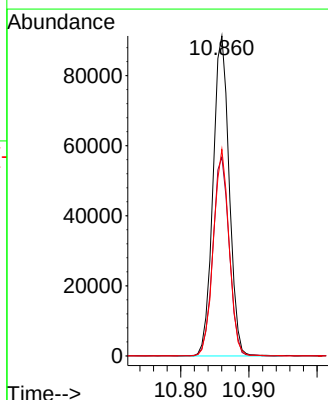
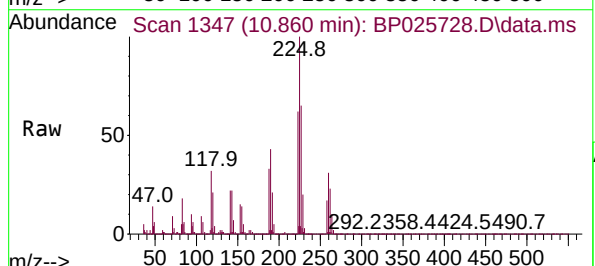
Manual Integrations  
APPROVED

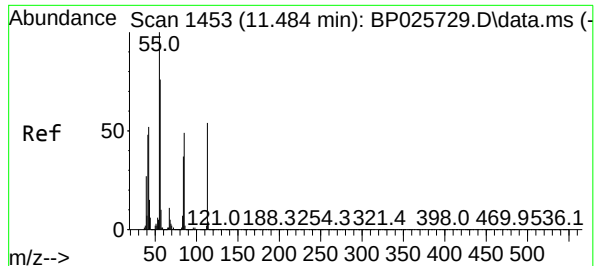
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#34  
Hexachlorobutadiene  
Concen: 21.583 ng  
RT: 10.860 min Scan# 1347  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

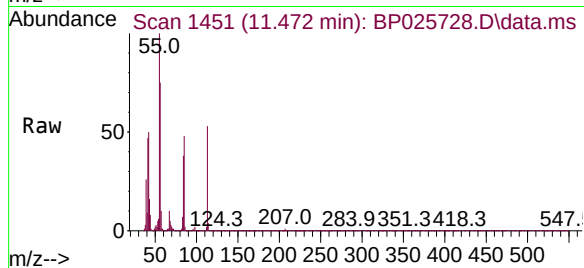
Tgt Ion:225 Resp: 149942  
Ion Ratio Lower Upper  
225 100  
223 62.1 50.1 75.1  
227 64.5 51.2 76.8





#35  
Caprolactam  
Concen: 20.887 ng  
RT: 11.472 min Scan# 1453  
Delta R.T. -0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

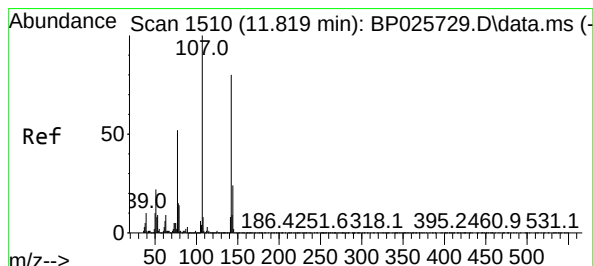
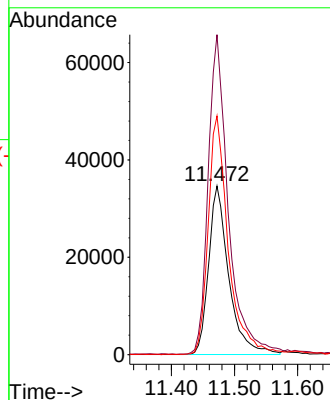
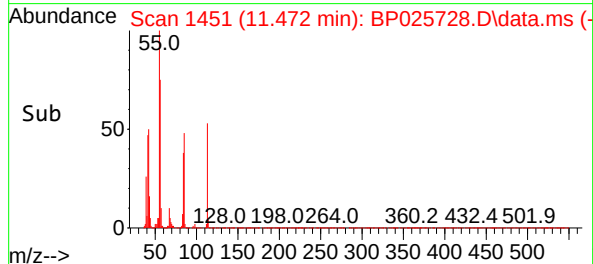
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:113 Resp: 76940  
Ion Ratio Lower Upper  
113 100  
55 189.8 165.5 205.5  
56 141.6 121.1 161.1

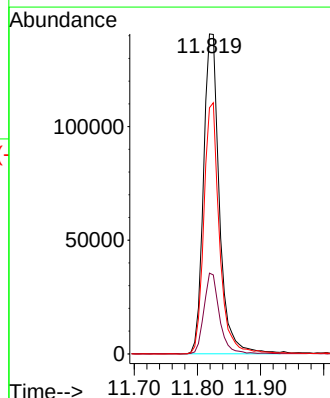
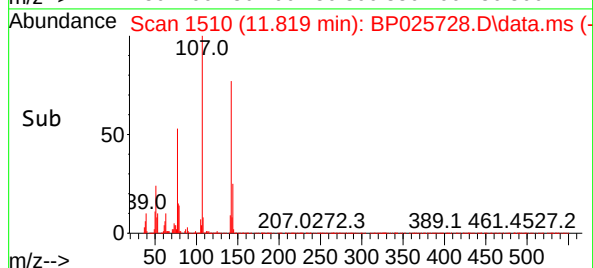
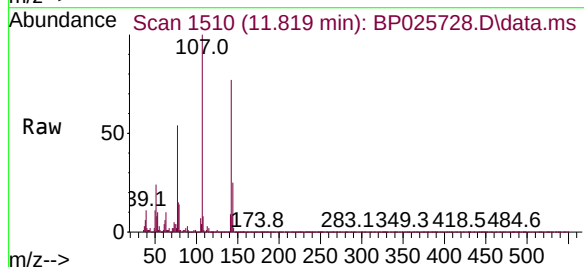
Manual Integrations  
APPROVED

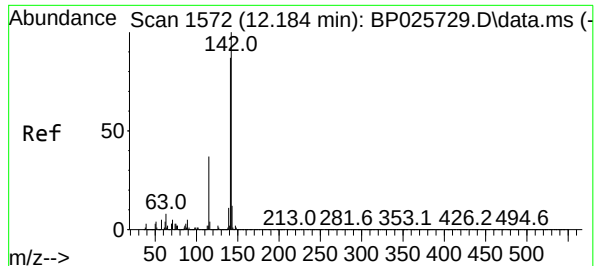
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#36  
4-Chloro-3-methylphenol  
Concen: 21.548 ng  
RT: 11.819 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

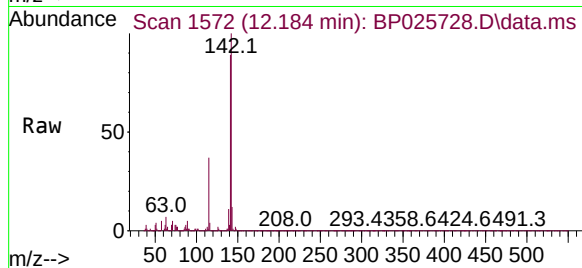
Tgt Ion:107 Resp: 245998  
Ion Ratio Lower Upper  
107 100  
144 25.2 19.4 29.2  
142 76.9 63.8 95.6





#37  
2-Methylnaphthalene  
Concen: 21.896 ng  
RT: 12.184 min Scan# 1610  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

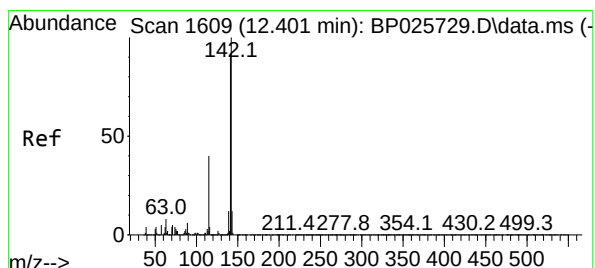
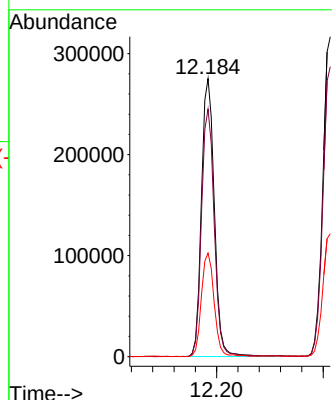
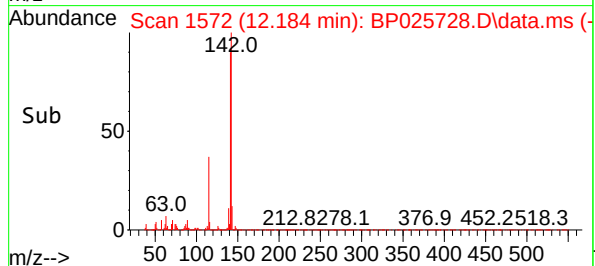
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:142 Resp: 459751  
Ion Ratio Lower Upper  
142 100  
141 89.0 69.6 104.4  
115 37.2 30.0 45.0

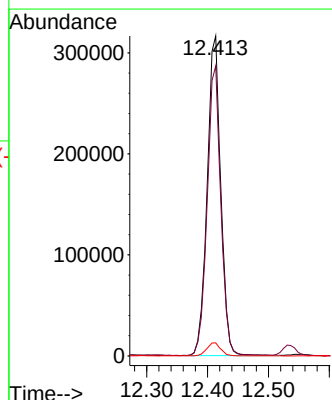
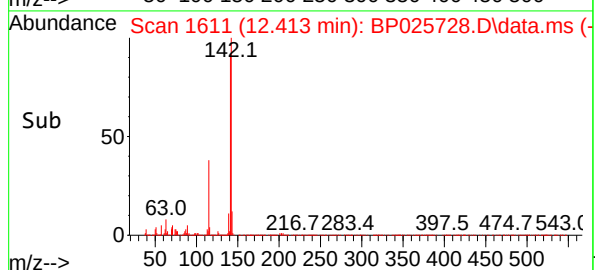
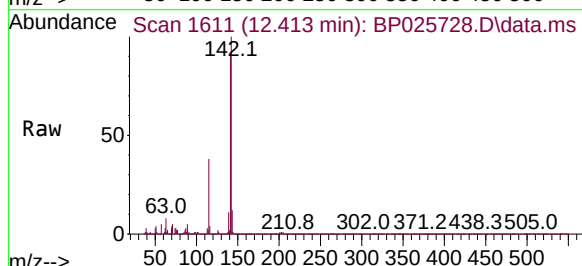
Manual Integrations  
APPROVED

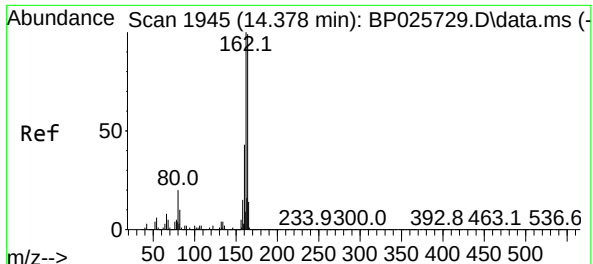
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#38  
1-Methylnaphthalene  
Concen: 21.851 ng  
RT: 12.413 min Scan# 1611  
Delta R.T. 0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion:142 Resp: 489270  
Ion Ratio Lower Upper  
142 100  
141 90.6 72.7 109.1  
116 4.1 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP025728.D

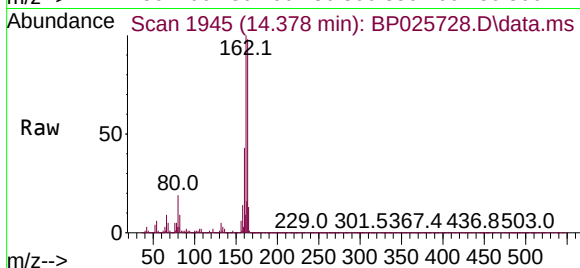
Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

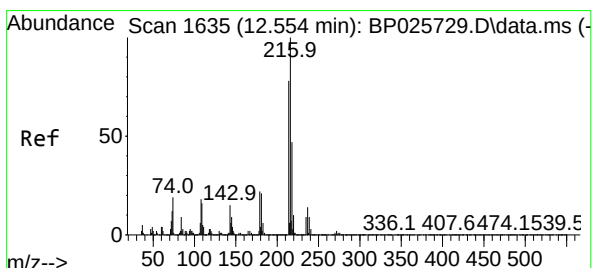
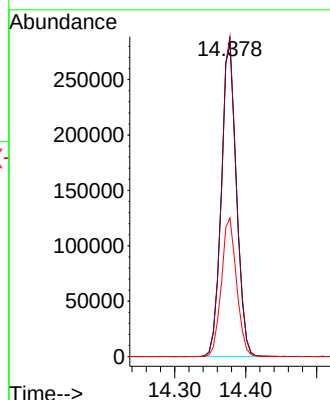
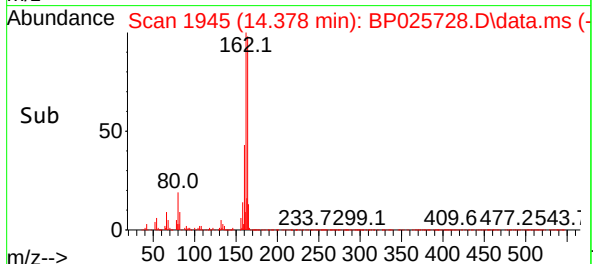


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 41887 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 102.4 | 80.6  | 120.8 |
| 160       | 44.3  | 35.0  | 52.6  |

## Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

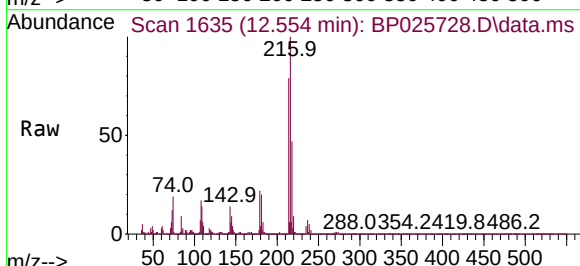
Concen: 21.536 ng

RT: 12.554 min Scan# 1635

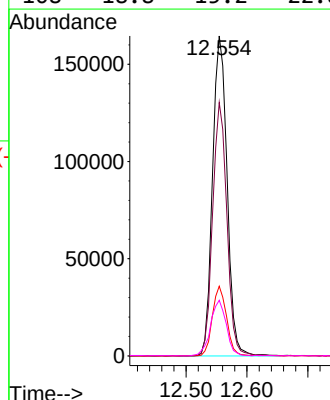
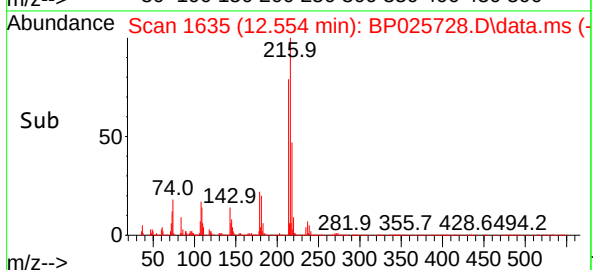
Delta R.T. 0.000 min

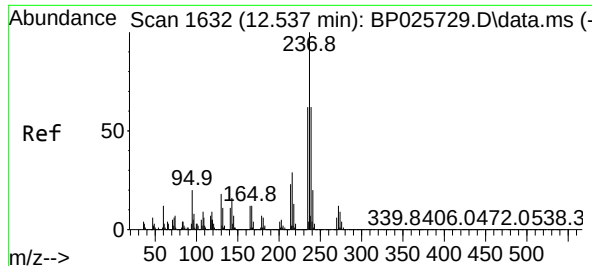
Lab File: BP025728.D

Acq: 11 Sep 2025 10:59



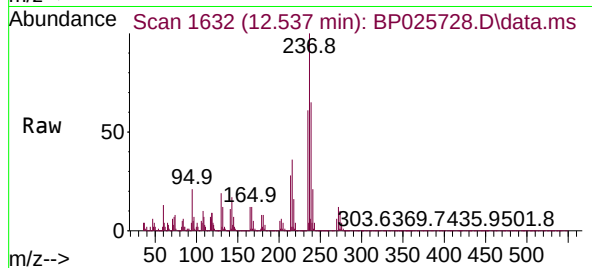
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 273360 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 77.8  | 62.4  | 93.6   |
| 179       | 21.3  | 17.0  | 25.6   |
| 108       | 18.8  | 15.2  | 22.8   |





#41  
Hexachlorocyclopentadiene  
Concen: 19.753 ng  
RT: 12.537 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

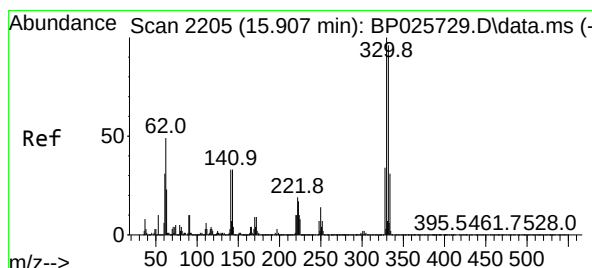
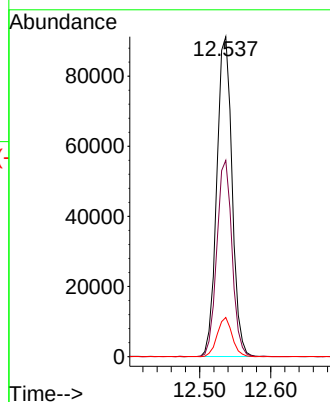
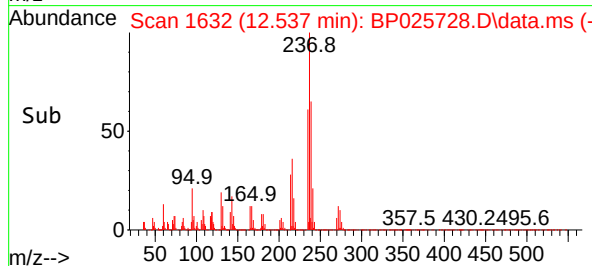
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:237 Resp: 136556  
Ion Ratio Lower Upper  
237 100  
235 61.3 41.9 81.9  
272 12.2 0.0 31.8

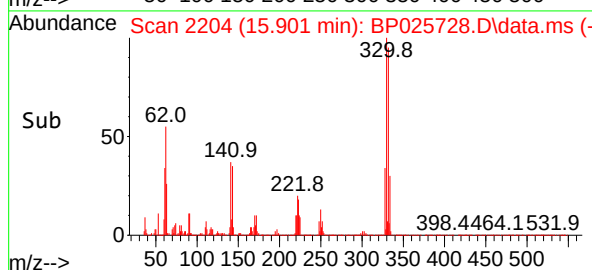
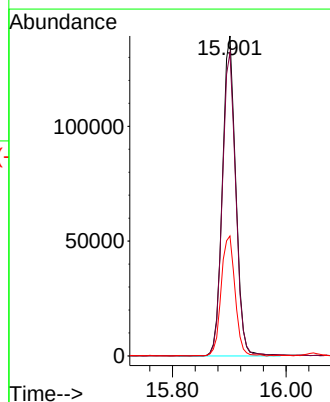
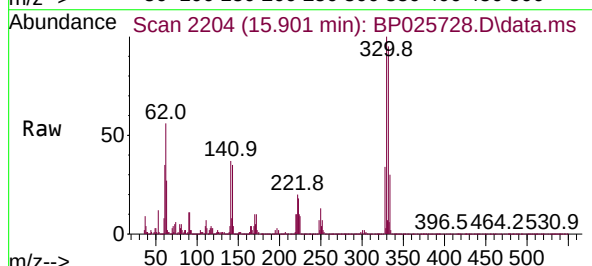
Manual Integrations  
APPROVED

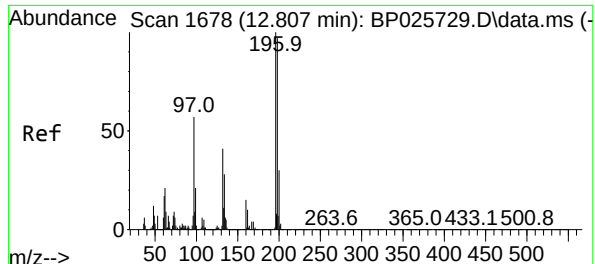
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#42  
2,4,6-Tribromophenol  
Concen: 43.363 ng  
RT: 15.901 min Scan# 2204  
Delta R.T. -0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

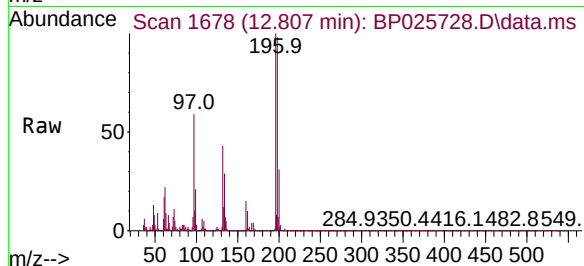
Tgt Ion:330 Resp: 226554  
Ion Ratio Lower Upper  
330 100  
332 95.6 76.9 115.3  
141 39.2 31.0 46.4





#43  
2,4,6-Trichlorophenol  
Concen: 21.851 ng  
RT: 12.807 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

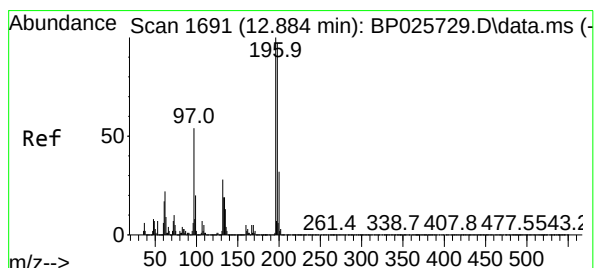
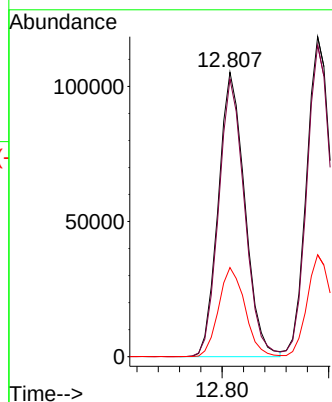
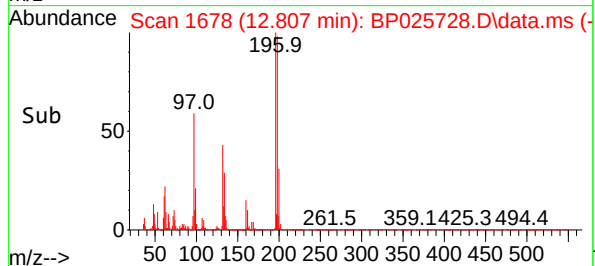
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



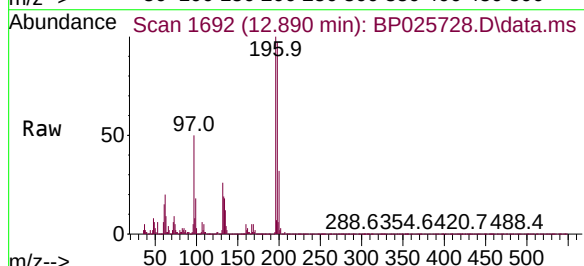
Tgt Ion:196 Resp: 182331  
Ion Ratio Lower Upper  
196 100  
198 97.6 77.2 115.8  
200 31.3 24.2 36.2

Manual Integrations  
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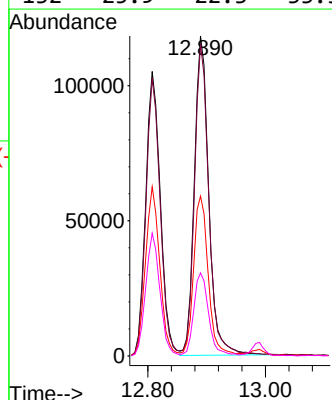
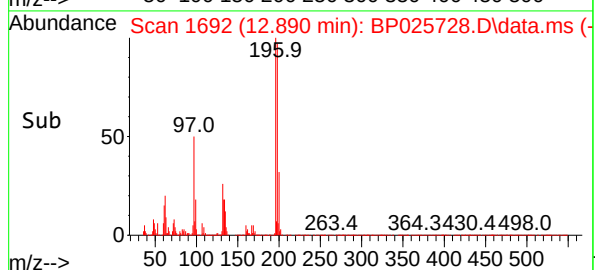
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

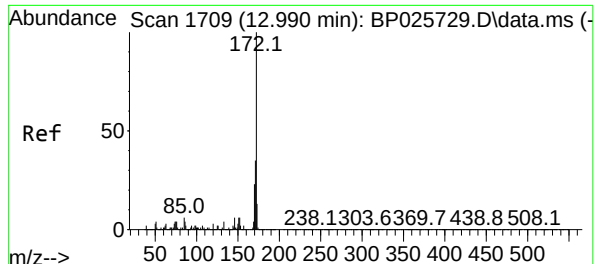


#44  
2,4,5-Trichlorophenol  
Concen: 21.728 ng  
RT: 12.890 min Scan# 1692  
Delta R.T. 0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59



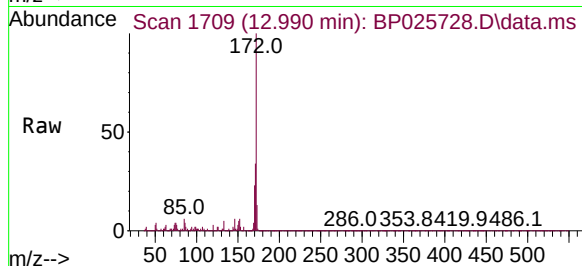
Tgt Ion:196 Resp: 201778  
Ion Ratio Lower Upper  
196 100  
198 97.4 77.8 116.8  
97 49.9 43.3 64.9  
132 25.9 22.3 33.5





#45  
2-Fluorobiphenyl  
Concen: 44.072 ng  
RT: 12.990 min Scan# 1709  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

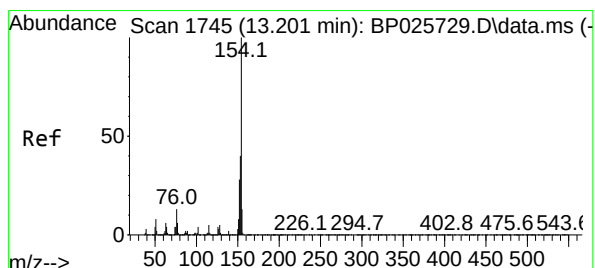
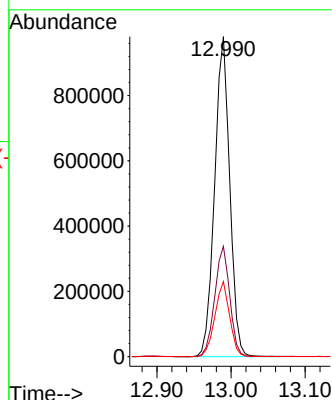
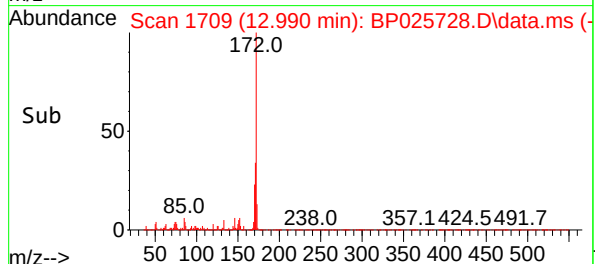
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



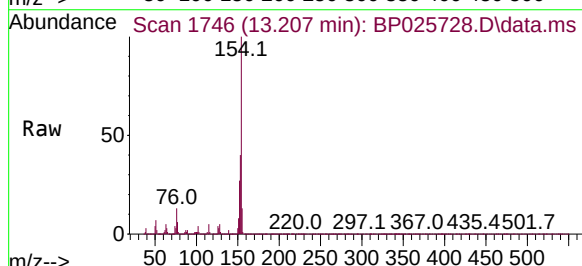
Tgt Ion:172 Resp: 1386426  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.8 41.6  
170 23.4 18.6 27.8

Manual Integrations  
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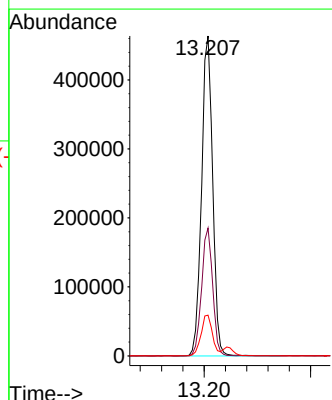
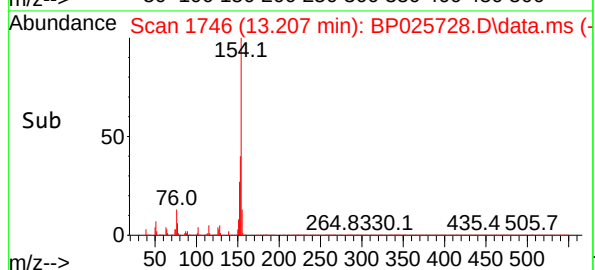
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



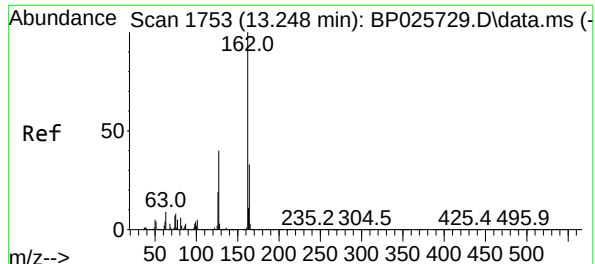
#46  
1,1'-Biphenyl  
Concen: 21.788 ng  
RT: 13.207 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59



Tgt Ion:154 Resp: 669889  
Ion Ratio Lower Upper  
154 100  
153 39.9 19.7 59.7  
76 12.7 0.0 33.3







#47

2-Chloronaphthalene

Concen: 21.665 ng

RT: 13.243 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 52448

Ion Ratio Lower Upper

162 100

127 39.3 32.2 48.4

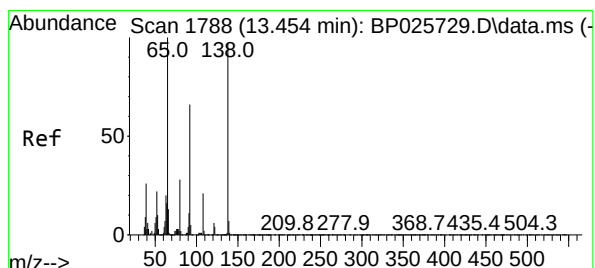
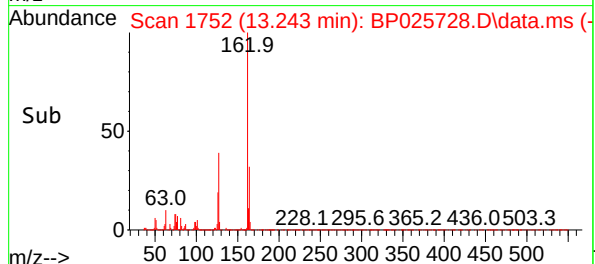
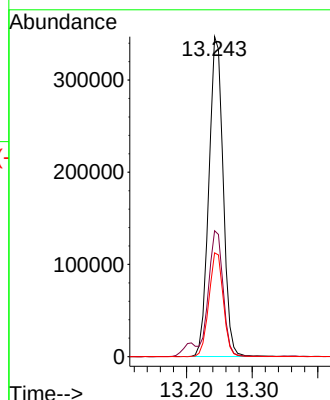
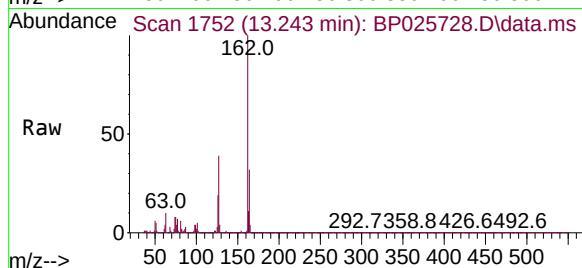
164 32.4 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 21.578 ng

RT: 13.460 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

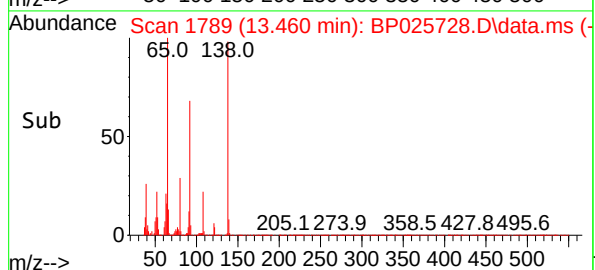
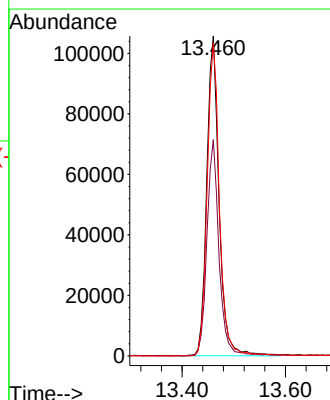
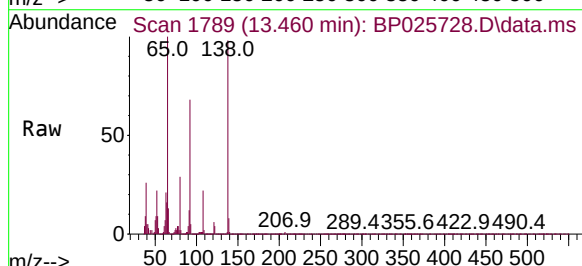
Tgt Ion: 65 Resp: 174129

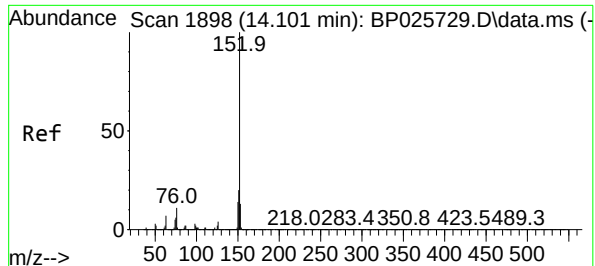
Ion Ratio Lower Upper

65 100

92 67.6 53.1 79.7

138 97.9 77.8 116.8





#49

Acenaphthylene

Concen: 21.873 ng

RT: 14.095 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 877353

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

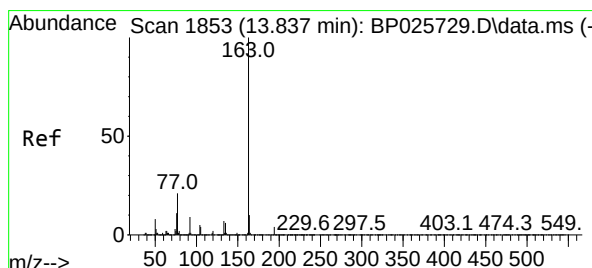
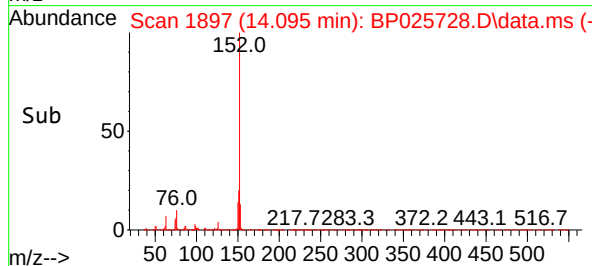
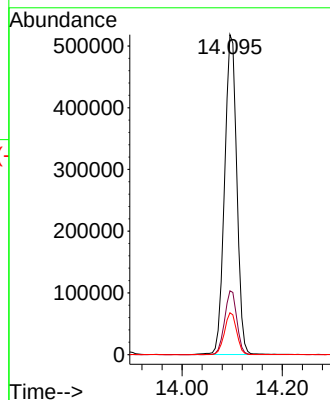
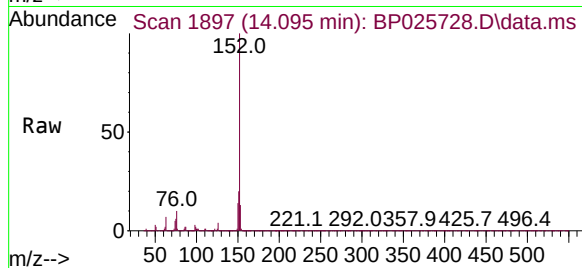
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 22.031 ng

RT: 13.837 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

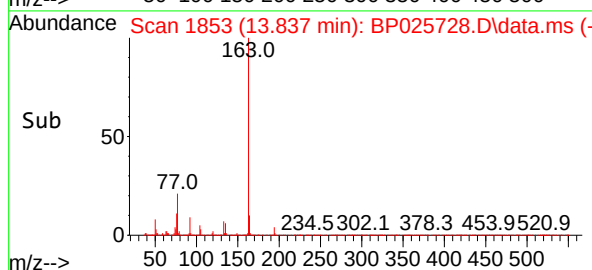
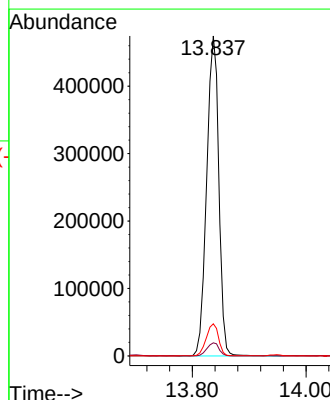
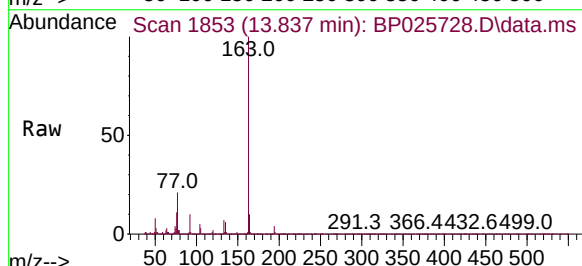
Tgt Ion:163 Resp: 704532

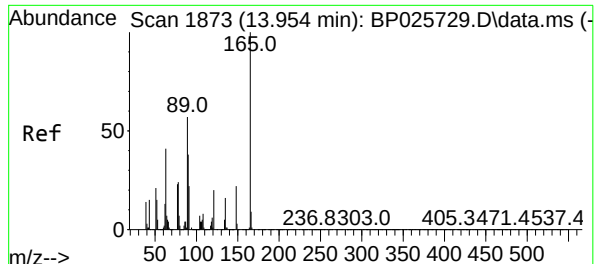
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.0 8.2 12.2





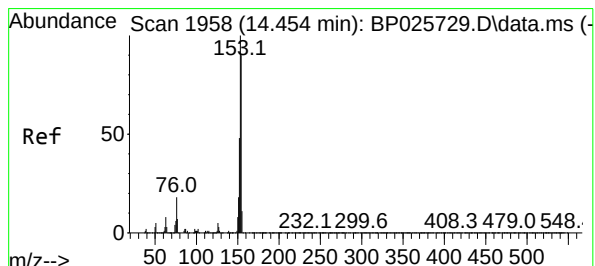
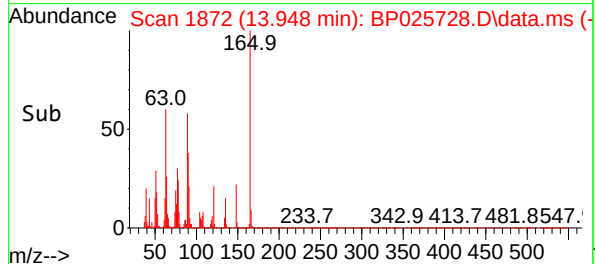
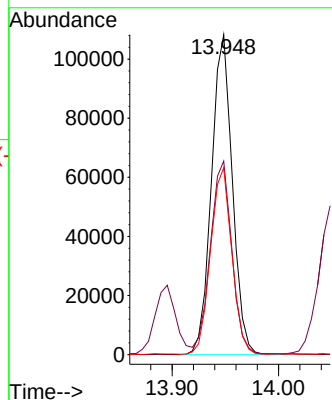
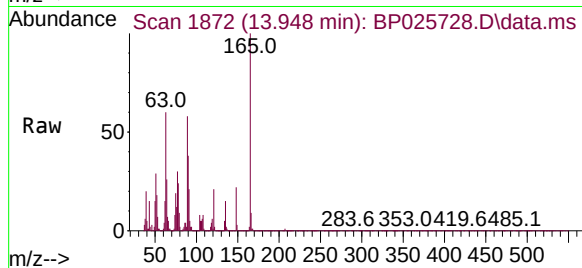
#51  
2,6-Dinitrotoluene  
Concen: 21.793 ng  
RT: 13.948 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020

Tgt Ion:165 Resp: 147655  
Ion Ratio Lower Upper  
165 100  
63 60.5 48.1 72.1  
89 58.4 45.4 68.0

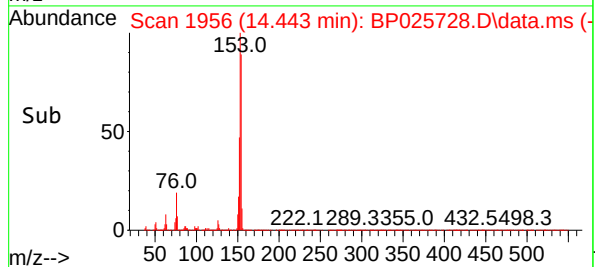
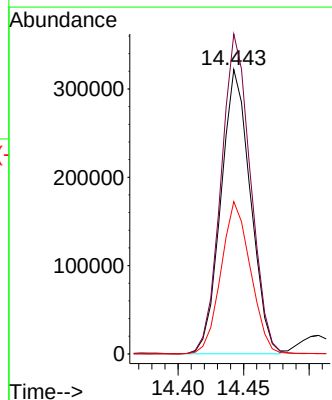
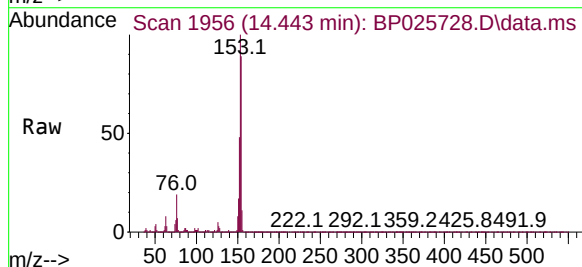
Manual Integrations  
APPROVED

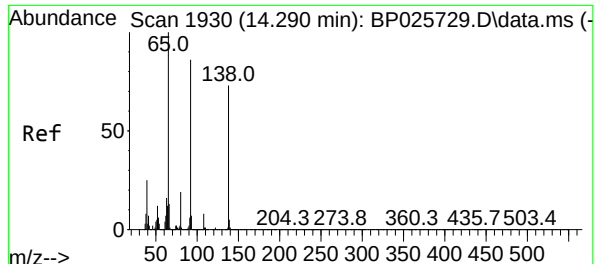
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#52  
Acenaphthene  
Concen: 21.856 ng  
RT: 14.443 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

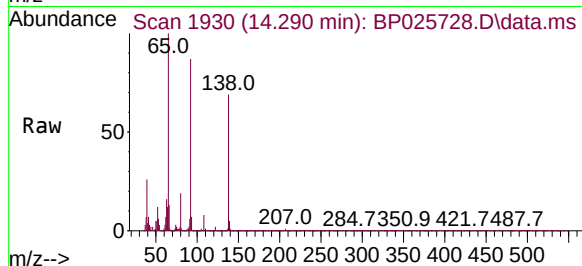
Tgt Ion:154 Resp: 505575  
Ion Ratio Lower Upper  
154 100  
153 112.5 89.4 134.0  
152 53.5 42.5 63.7





#53  
3-Nitroaniline  
Concen: 21.735 ng  
RT: 14.290 min Scan# 1930  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

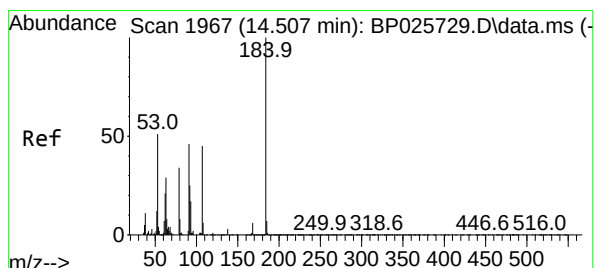
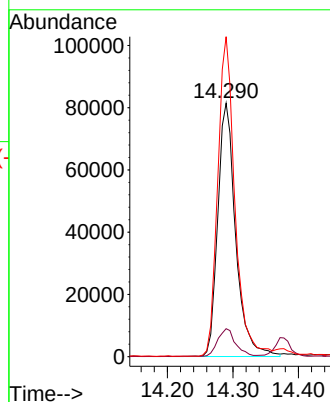
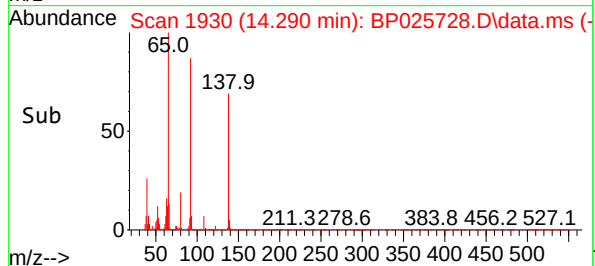
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:138 Resp: 154856  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.7 13.1  
92 126.3 94.6 142.0

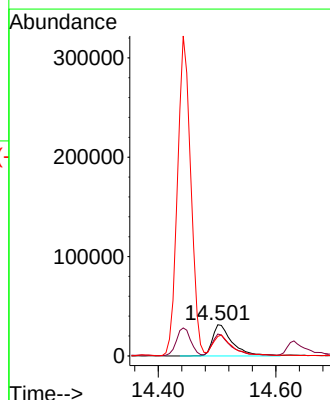
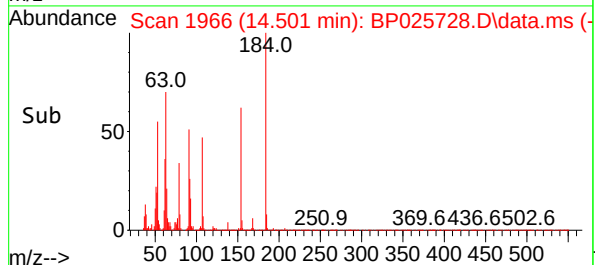
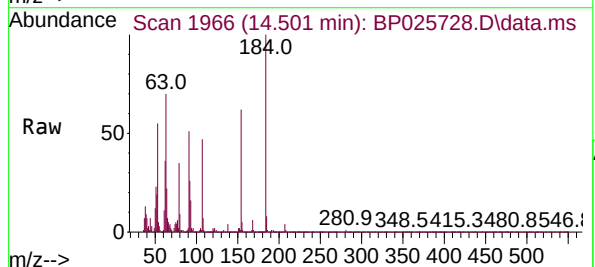
Manual Integrations  
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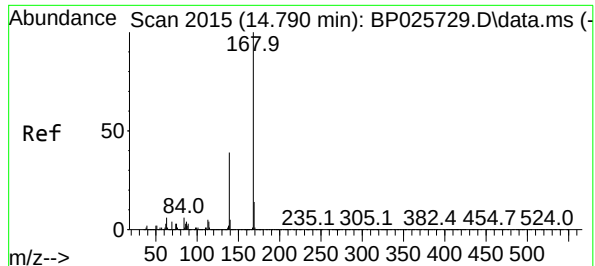
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#54  
2,4-Dinitrophenol  
Concen: 20.292 ng  
RT: 14.501 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

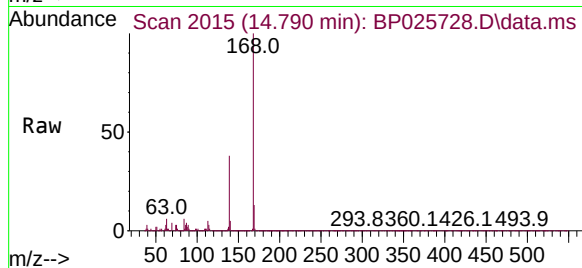
Tgt Ion:184 Resp: 72511  
Ion Ratio Lower Upper  
184 100  
63 70.4 52.5 78.7  
154 62.5 51.5 77.3





#55  
Dibenzenofuran  
Concen: 21.850 ng  
RT: 14.790 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

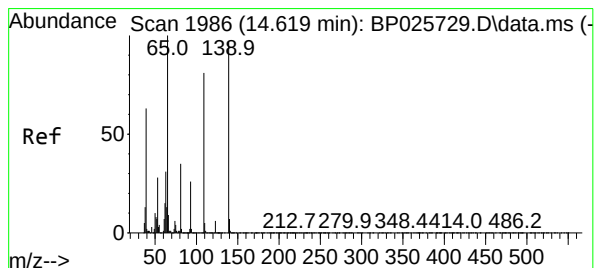
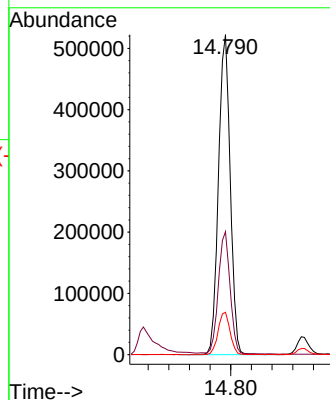
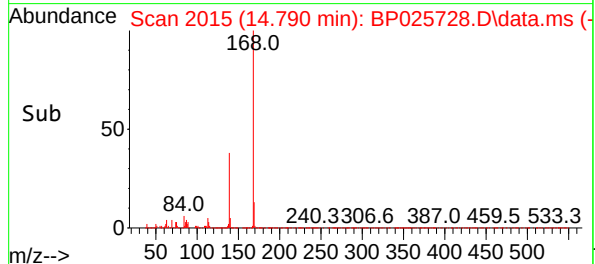
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:168 Resp: 82374  
Ion Ratio Lower Upper  
168 100  
139 38.4 31.7 47.5  
169 13.2 10.8 16.2

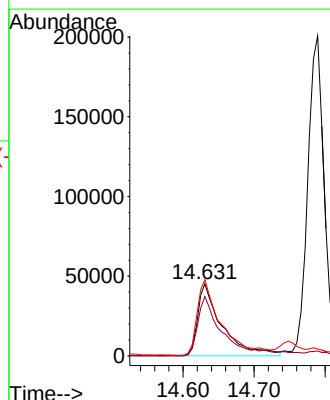
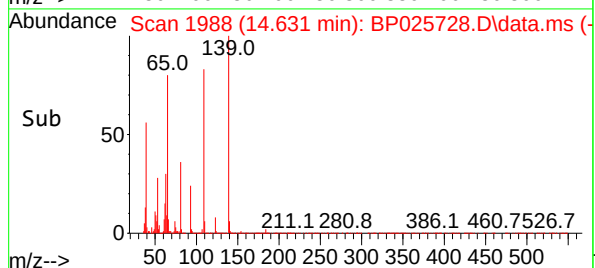
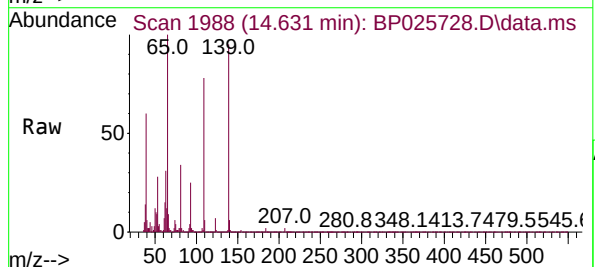
Manual Integrations  
APPROVED

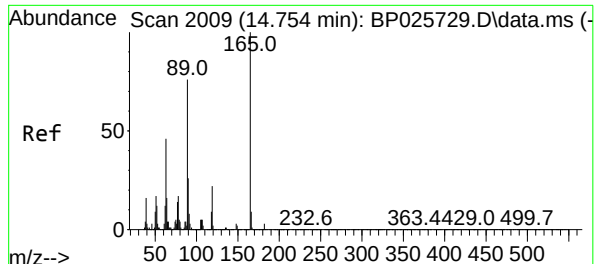
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#56  
4-Nitrophenol  
Concen: 20.895 ng  
RT: 14.631 min Scan# 1988  
Delta R.T. 0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion:139 Resp: 106678  
Ion Ratio Lower Upper  
139 100  
109 82.4 62.9 102.9  
65 105.7 83.4 123.4





#57  
2,4-Dinitrotoluene  
Concen: 21.769 ng  
RT: 14.754 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

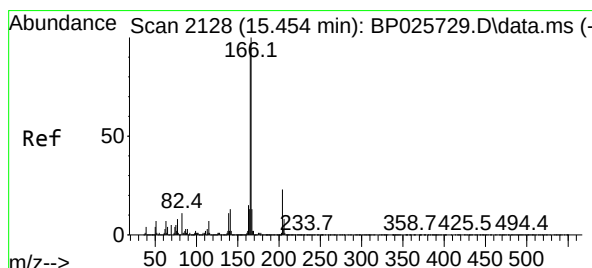
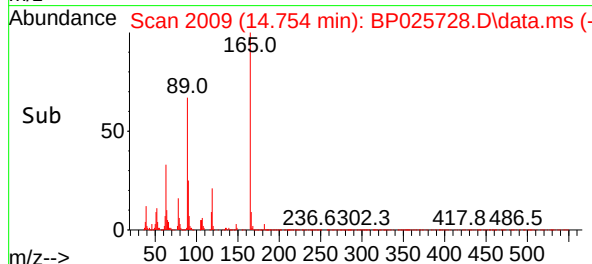
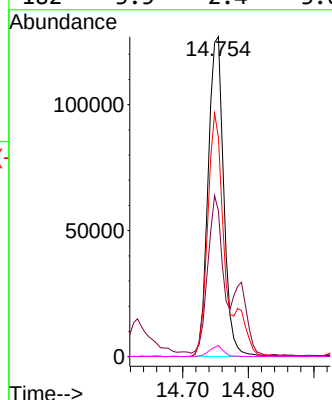
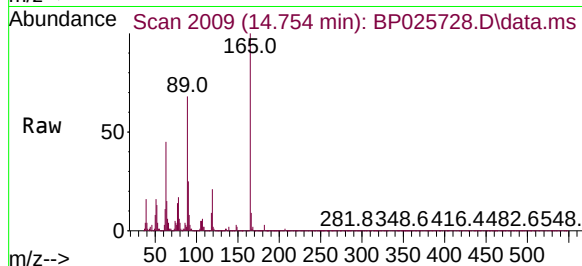
SSTDICC020

Tgt Ion:165 Resp: 209898  
Ion Ratio Lower Upper  
165 100  
63 45.5 37.7 56.5  
89 68.3 61.0 91.6  
182 3.5 2.4 3.6

Manual Integrations

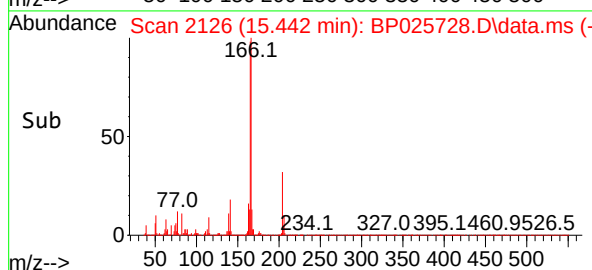
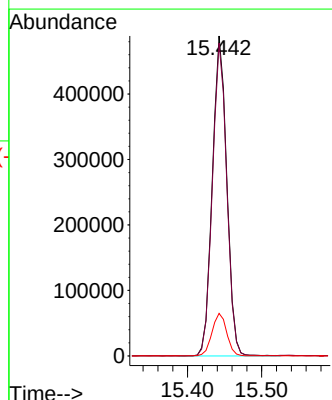
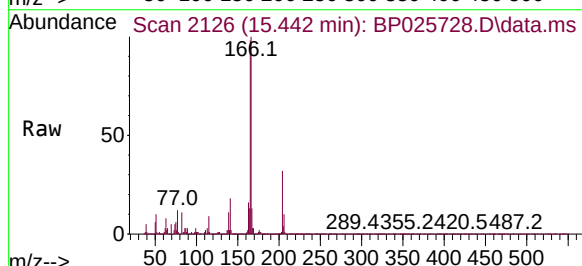
APPROVED

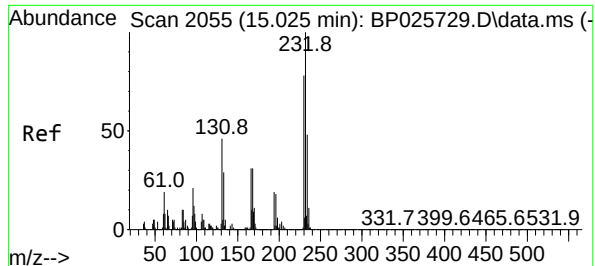
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#58  
Fluorene  
Concen: 22.068 ng  
RT: 15.442 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

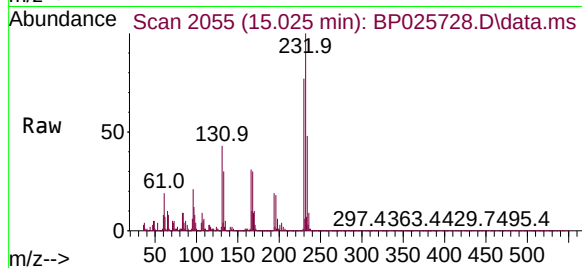
Tgt Ion:166 Resp: 661561  
Ion Ratio Lower Upper  
166 100  
165 97.7 77.7 116.5  
167 13.3 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 21.756 ng  
RT: 15.025 min Scan# 2055  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

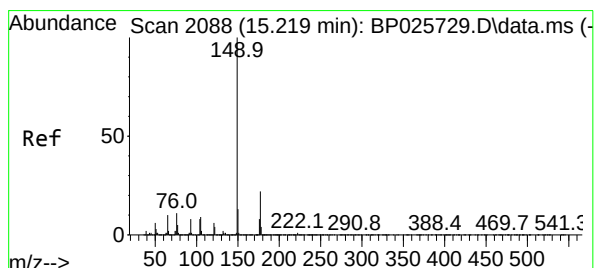
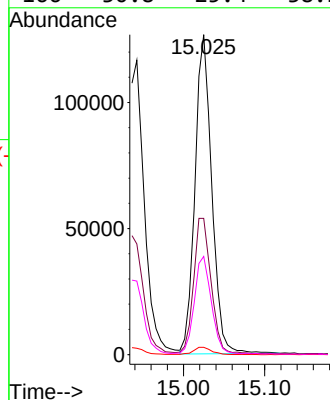
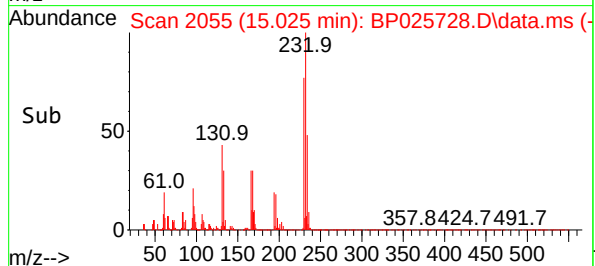
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



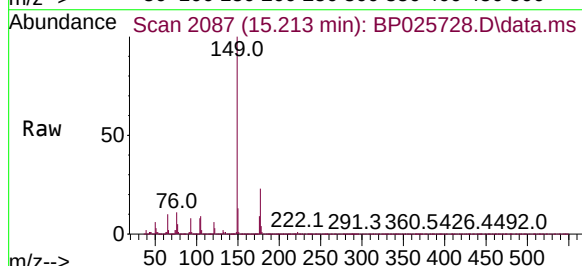
Tgt Ion:232 Resp: 181997  
Ion Ratio Lower Upper  
232 100  
131 43.9 36.7 55.1  
130 2.5 2.0 3.0  
166 30.8 25.4 38.2

Manual Integrations  
APPROVED

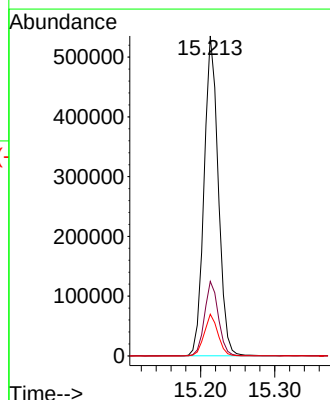
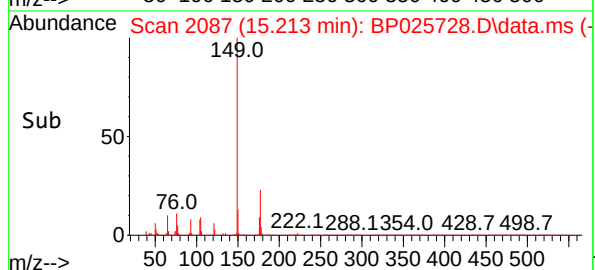
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

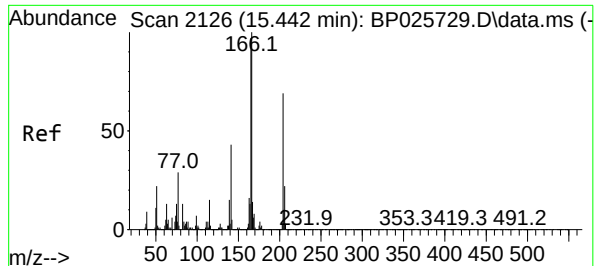


#60  
Diethylphthalate  
Concen: 21.918 ng  
RT: 15.213 min Scan# 2087  
Delta R.T. -0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59



Tgt Ion:149 Resp: 710972  
Ion Ratio Lower Upper  
149 100  
177 23.3 17.7 26.5  
150 13.0 10.0 15.0





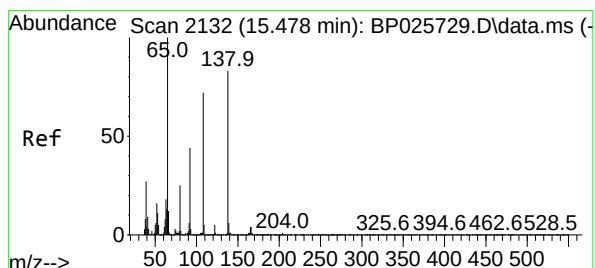
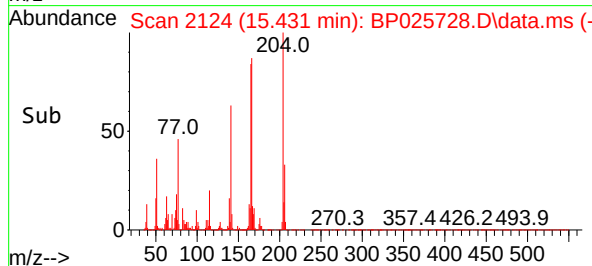
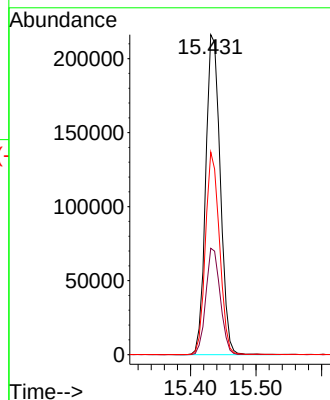
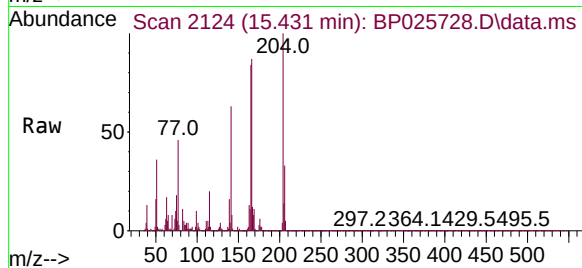
#61  
4-Chlorophenyl-phenylether  
Concen: 21.917 ng  
RT: 15.431 min Scan# 21129  
Delta R.T. -0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020

Tgt Ion: 204 Resp: 331129  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.0 39.0  
141 63.3 49.7 74.5

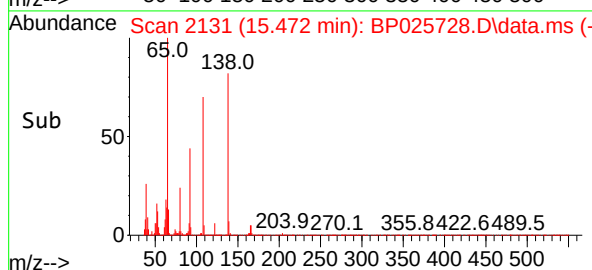
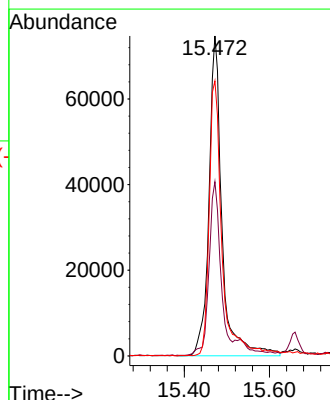
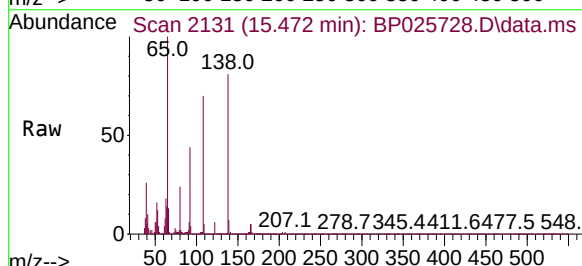
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

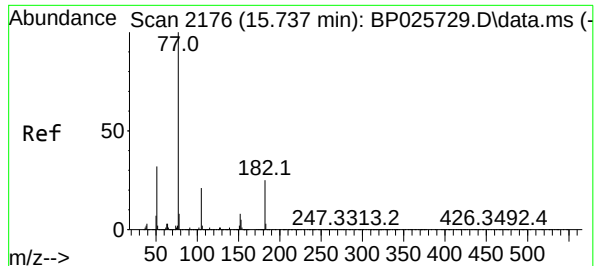


#62  
4-Nitroaniline  
Concen: 21.891 ng  
RT: 15.472 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion: 138 Resp: 159664  
Ion Ratio Lower Upper  
138 100  
92 54.4 33.3 73.3  
108 85.9 66.7 106.7

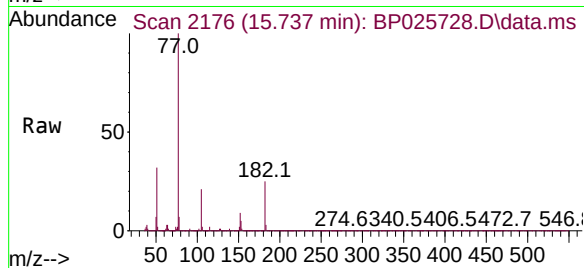






#63  
Azobenzene  
Concen: 22.012 ng  
RT: 15.737 min Scan# 2176  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

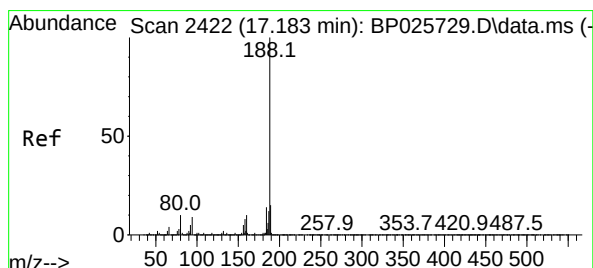
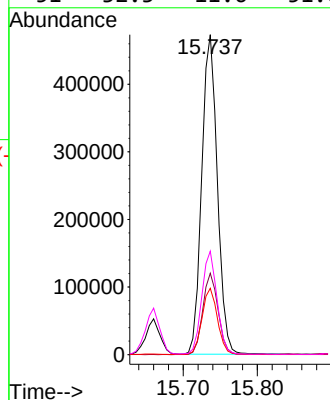
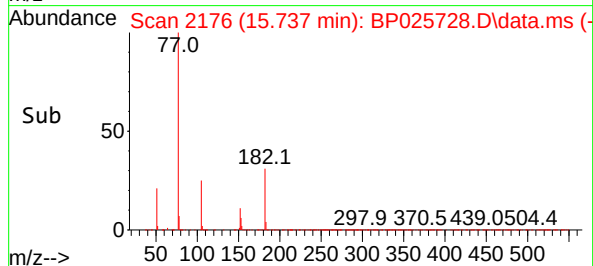
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion: 77 Resp: 690423  
Ion Ratio Lower Upper  
77 100  
182 25.4 5.2 45.2  
105 20.7 1.1 41.1  
51 32.3 11.6 51.6

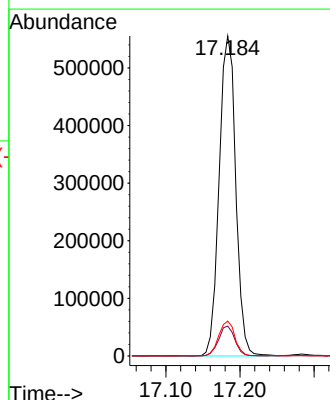
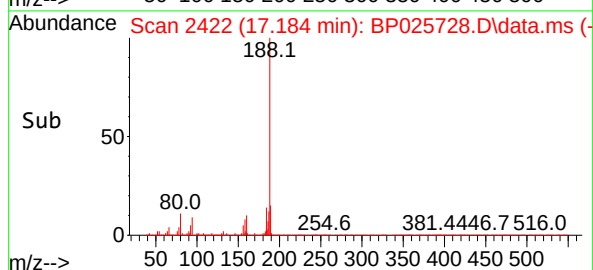
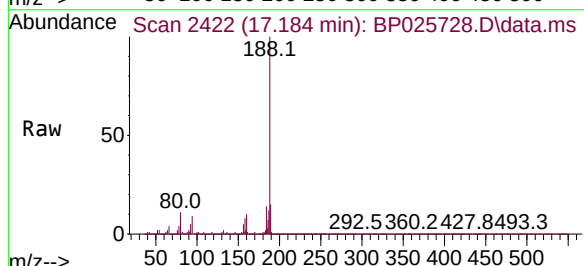
Manual Integrations  
APPROVED

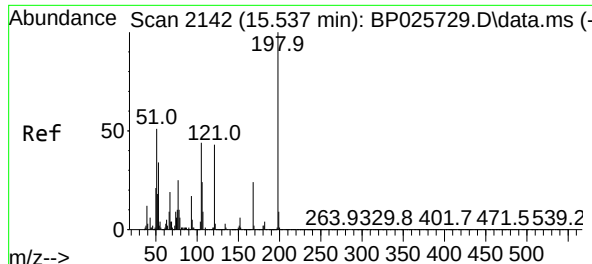
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.184 min Scan# 2422  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion:188 Resp: 862789  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.4 11.0  
80 10.9 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 20.272 ng

RT: 15.537 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 116319

Ion Ratio Lower Upper

198 100

51 48.6 33.4 73.4

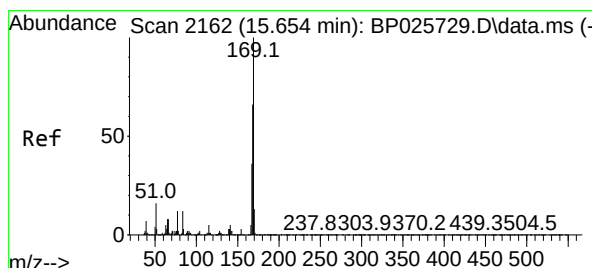
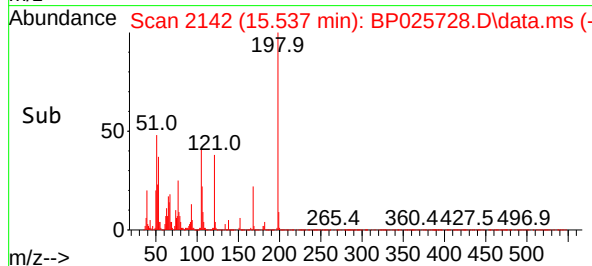
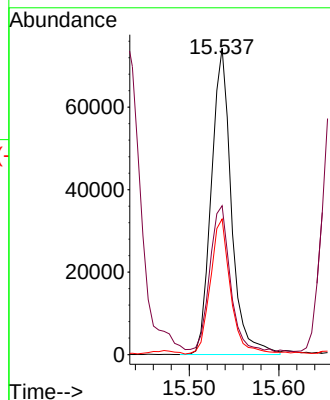
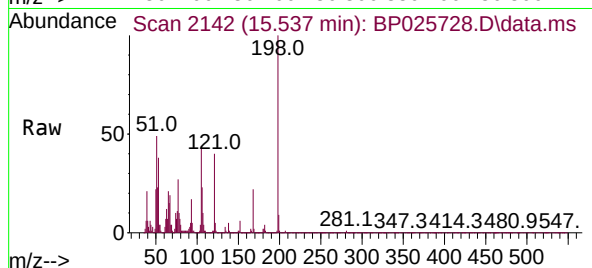
105 44.3 24.3 64.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 22.259 ng

RT: 15.660 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

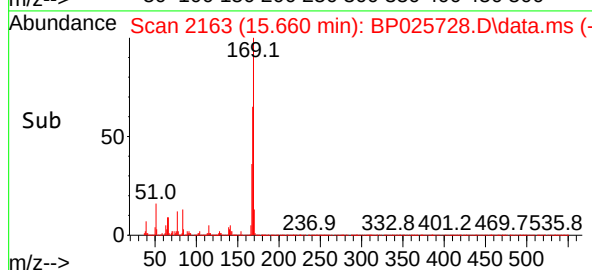
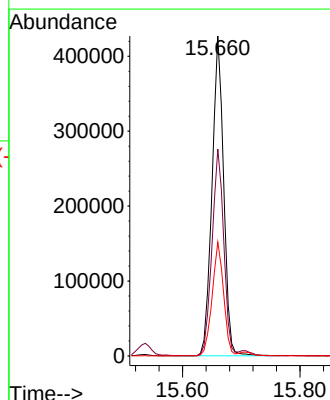
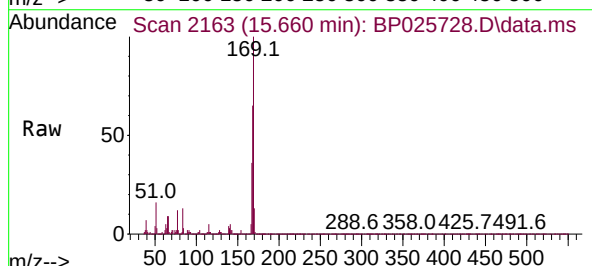
Tgt Ion:169 Resp: 587714

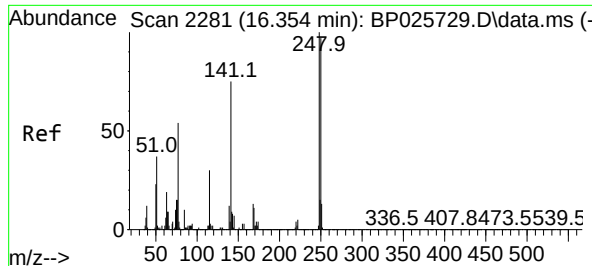
Ion Ratio Lower Upper

169 100

168 64.6 52.6 78.8

167 35.6 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 21.820 ng

RT: 16.360 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

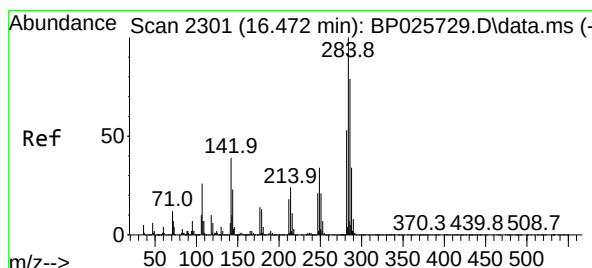
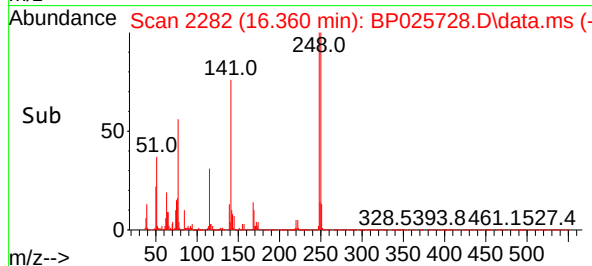
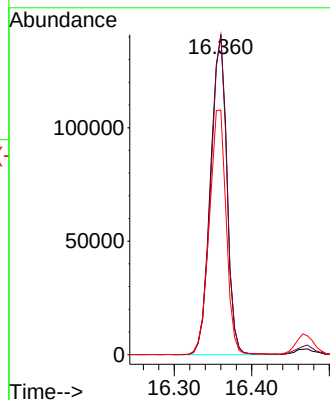
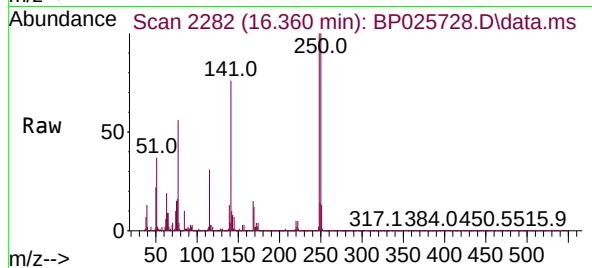
SSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 206823 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 100.3 | 77.5  | 116.3  |
| 141       | 76.6  | 60.2  | 90.4   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#68

Hexachlorobenzene

Concen: 21.707 ng

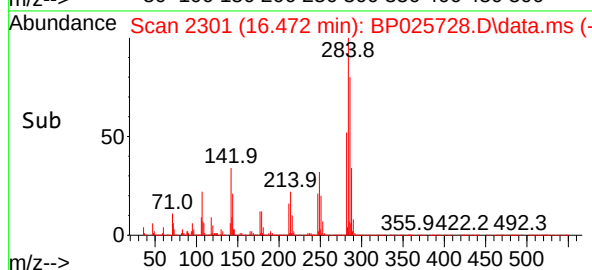
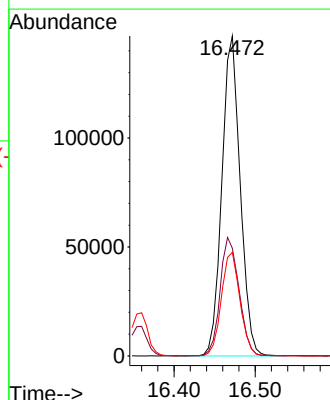
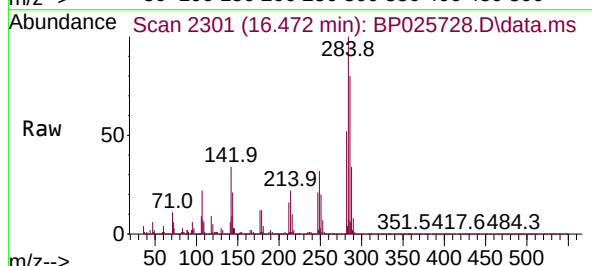
RT: 16.472 min Scan# 2301

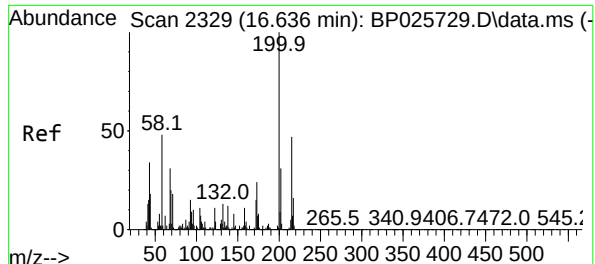
Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

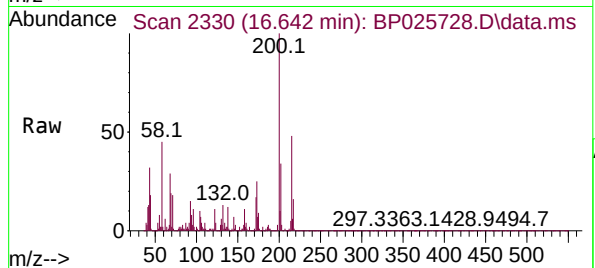
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 229447 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.6  | 31.3  | 46.9   |
| 249       | 32.4  | 27.3  | 40.9   |





#69  
Atrazine  
Concen: 22.185 ng  
RT: 16.642 min Scan# 2330  
Delta R.T. 0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

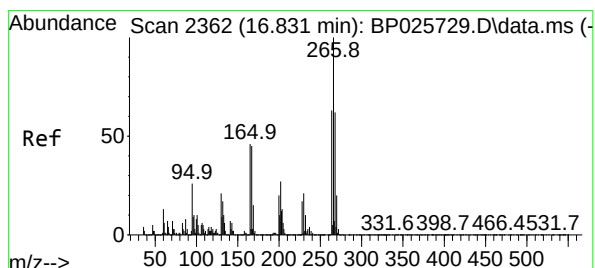
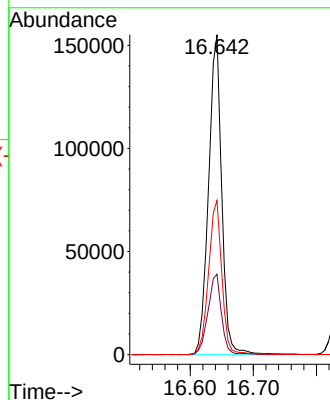
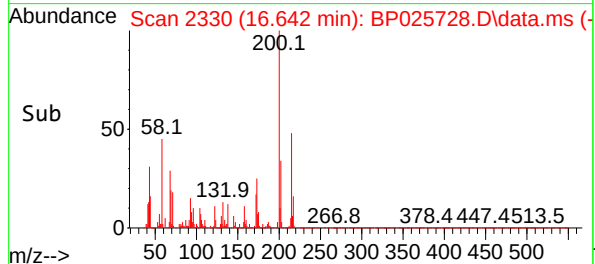
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:200 Resp: 223909  
Ion Ratio Lower Upper  
200 100  
173 25.1 4.2 44.2  
215 48.2 27.3 67.3

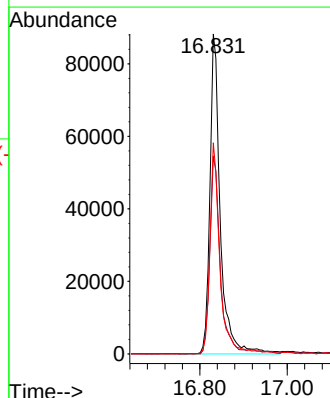
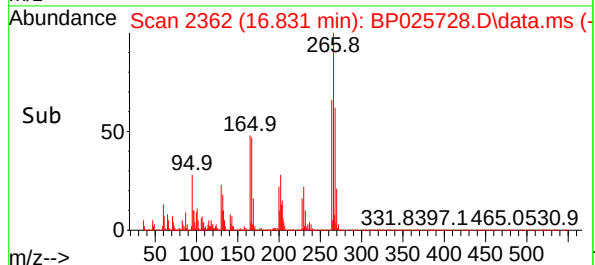
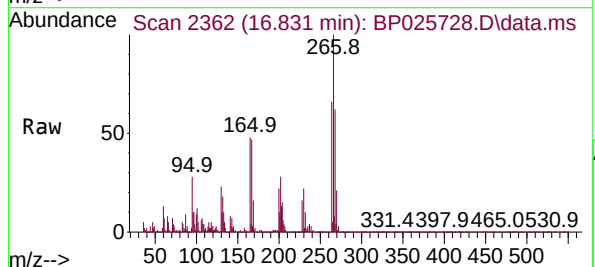
Manual Integrations  
APPROVED

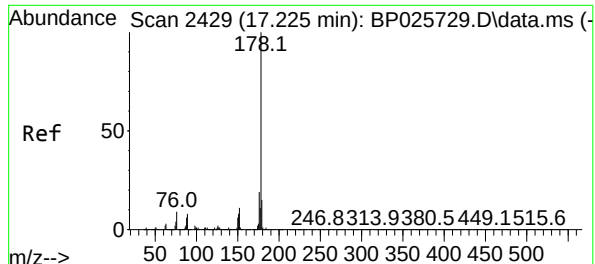
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#70  
Pentachlorophenol  
Concen: 20.824 ng  
RT: 16.831 min Scan# 2362  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

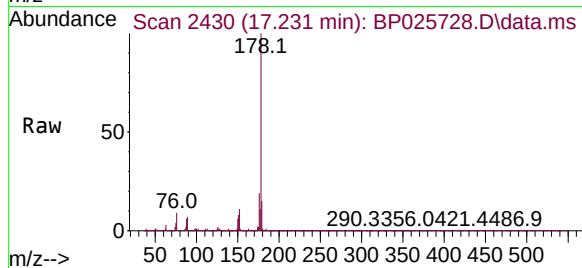
Tgt Ion:266 Resp: 145273  
Ion Ratio Lower Upper  
266 100  
268 61.9 49.8 74.8  
264 66.0 50.2 75.2





#71  
Phenanthrene  
Concen: 21.981 ng  
RT: 17.231 min Scan# 2429  
Delta R.T. 0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

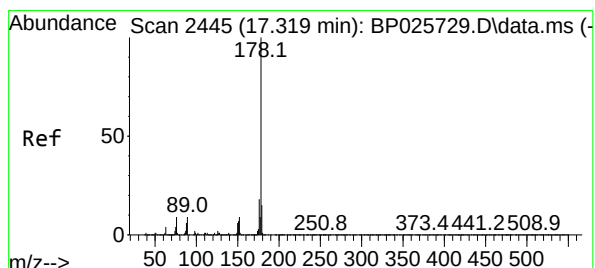
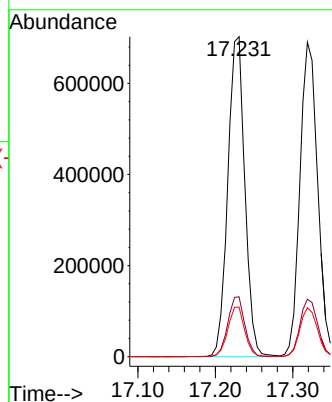
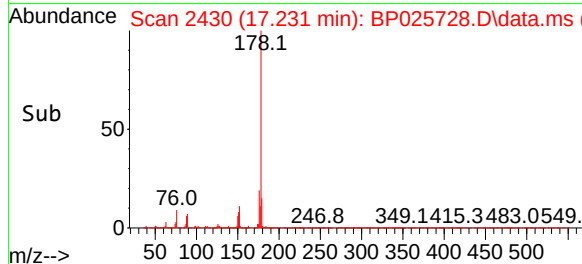
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:178 Resp: 1075795  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.4 23.2  
179 15.5 12.2 18.4

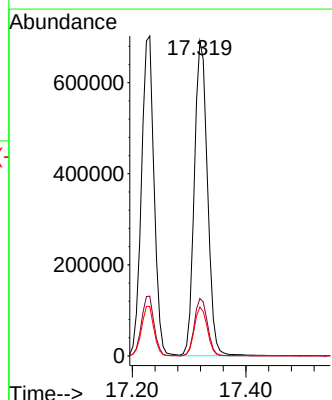
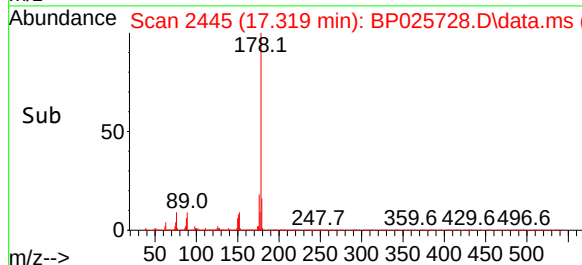
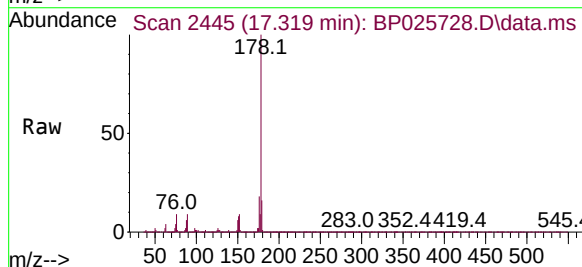
Manual Integrations  
APPROVED

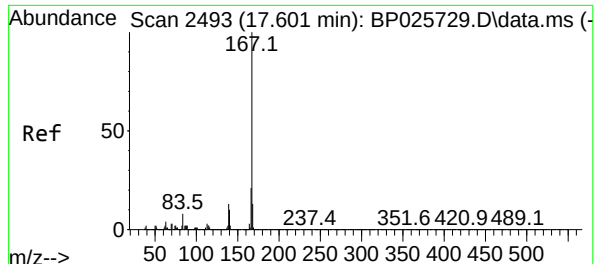
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#72  
Anthracene  
Concen: 22.239 ng  
RT: 17.319 min Scan# 2445  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

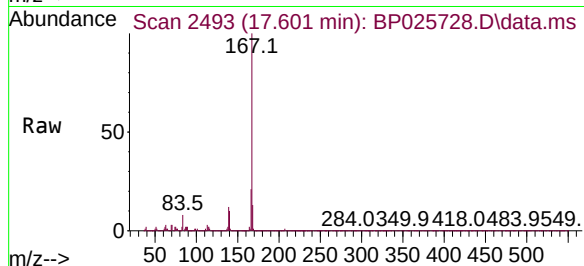
Tgt Ion:178 Resp: 1104346  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.5 12.2 18.4





#73  
Carbazole  
Concen: 22.146 ng  
RT: 17.601 min Scan# 2493  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

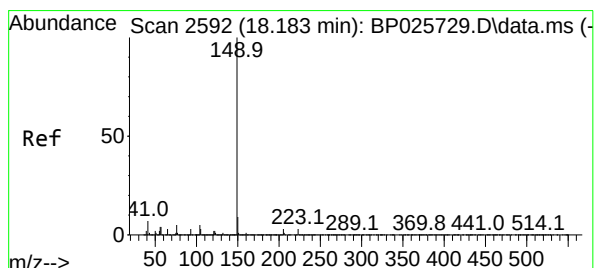
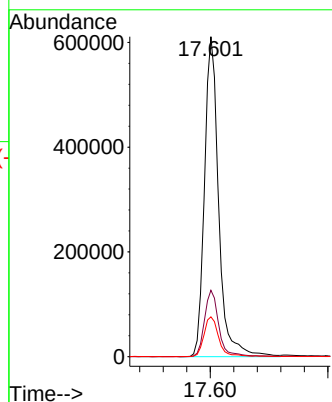
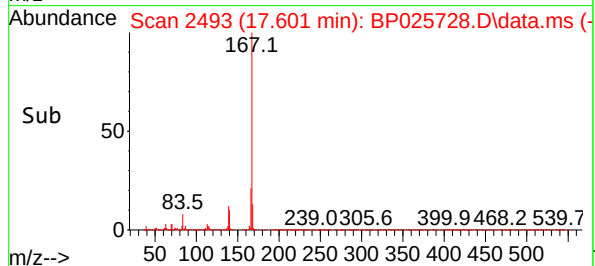
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:167 Resp: 1022406  
Ion Ratio Lower Upper  
167 100  
166 20.7 17.0 25.4  
139 12.4 10.6 16.0

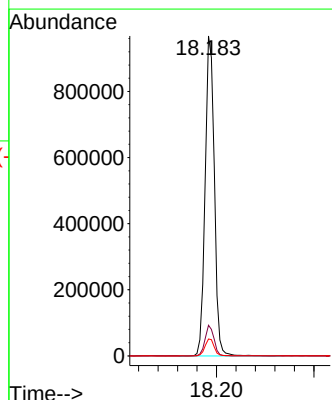
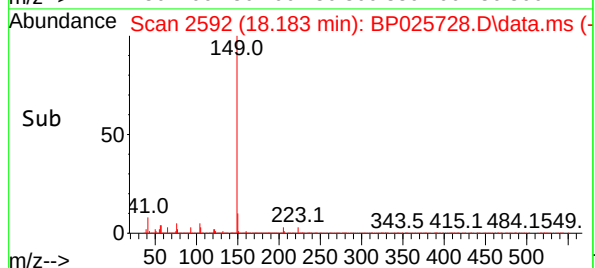
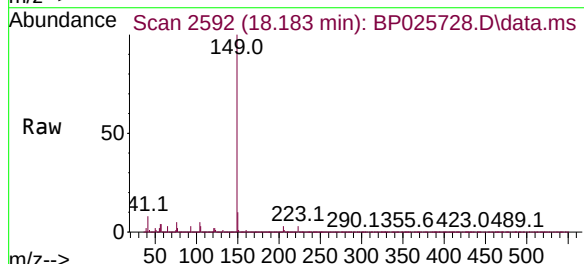
Manual Integrations  
APPROVED

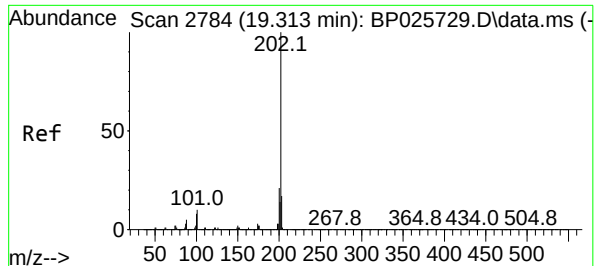
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#74  
Di-n-butylphthalate  
Concen: 22.358 ng  
RT: 18.183 min Scan# 2592  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

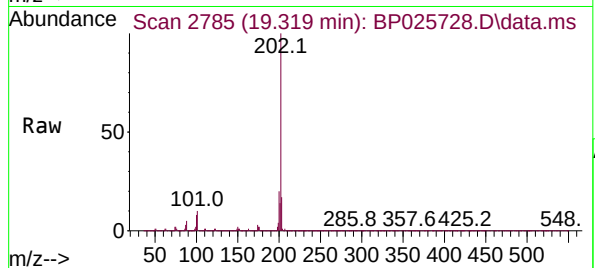
Tgt Ion:149 Resp: 1266684  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.4 11.0  
104 5.3 4.3 6.5





#75  
Fluoranthene  
Concen: 22.205 ng  
RT: 19.319 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

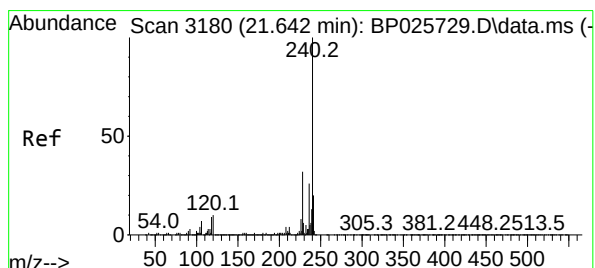
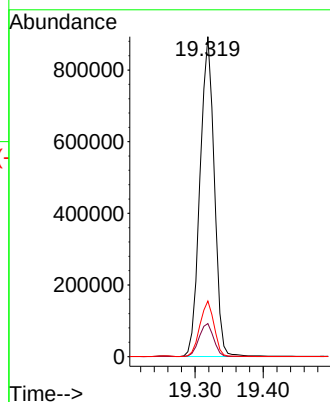
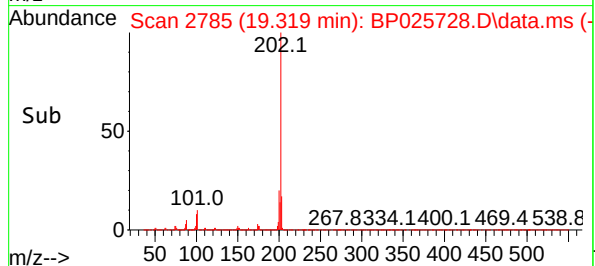
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:202 Resp: 1303398  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.4  
203 17.4 0.0 37.4

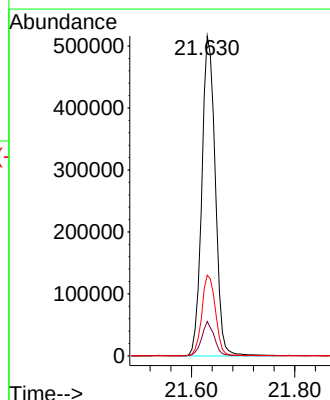
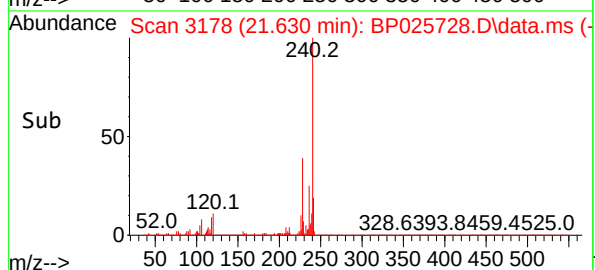
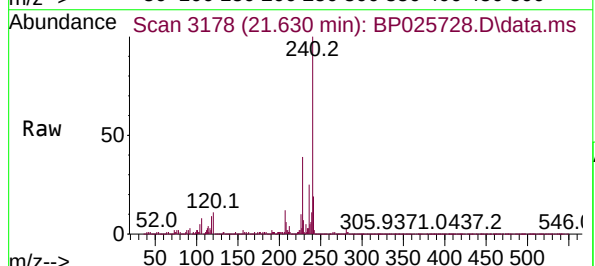
Manual Integrations  
APPROVED

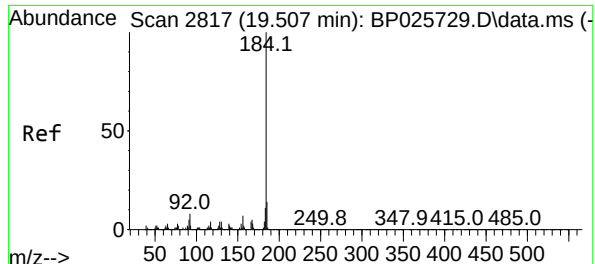
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.630 min Scan# 3178  
Delta R.T. -0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion:240 Resp: 931523  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.0 12.0  
236 25.2 20.7 31.1





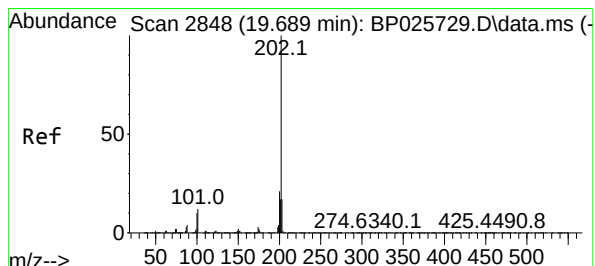
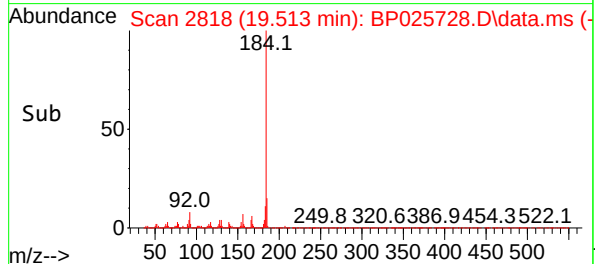
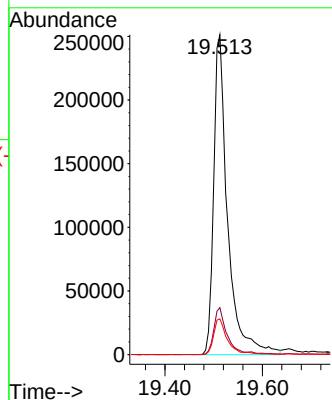
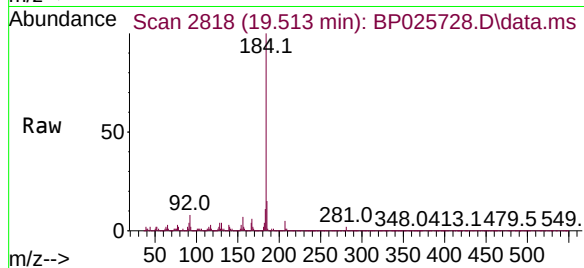
#77  
Benzidine  
Concen: 18.631 ng  
RT: 19.513 min Scan# 2818  
Delta R.T. 0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
Client Sample Id :  
SSTDICC020

Tgt Ion:184 Resp: 499919  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.5 17.3  
183 11.2 9.2 13.8

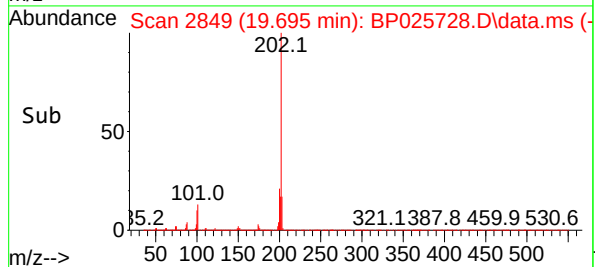
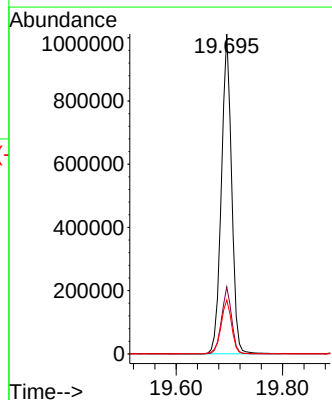
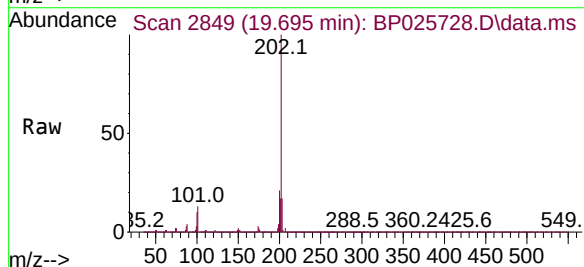
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

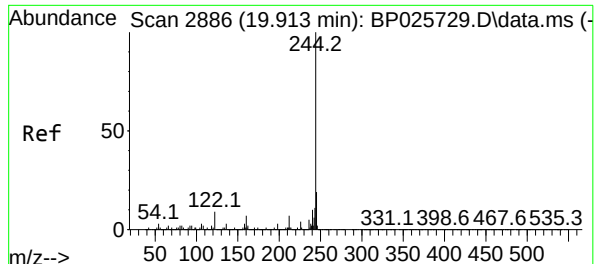


#78  
Pyrene  
Concen: 21.640 ng  
RT: 19.695 min Scan# 2849  
Delta R.T. 0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion:202 Resp: 1345082  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.0 25.6  
203 16.8 13.9 20.9







#79  
 Terphenyl-d14  
 Concen: 43.089 ng  
 RT: 19.901 min Scan# 2886  
 Delta R.T. -0.012 min  
 Lab File: BP025728.D  
 Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

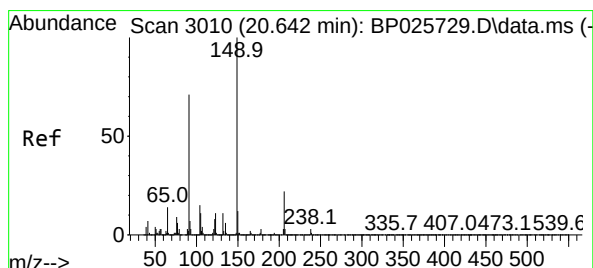
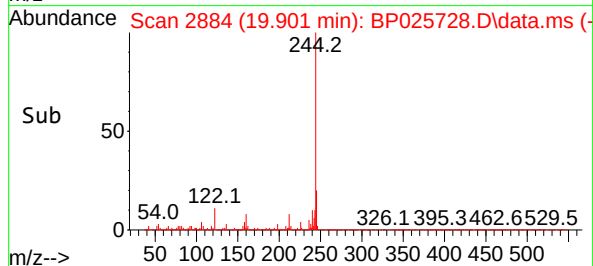
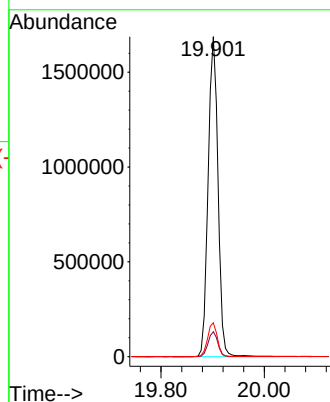
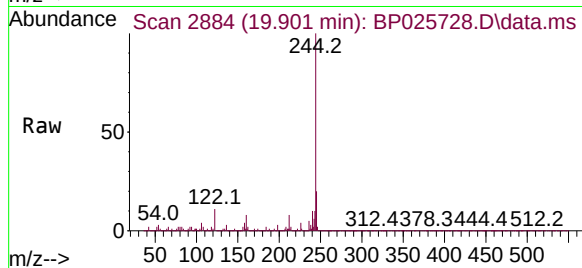
SSTDICC020

Tgt Ion:244 Resp: 2231186  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 5.9 8.9  
 122 10.6 7.1 10.7

Manual Integrations

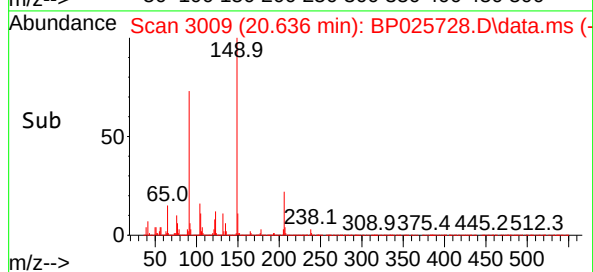
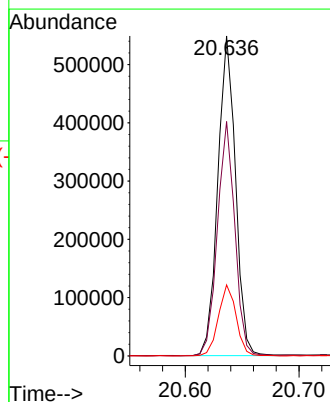
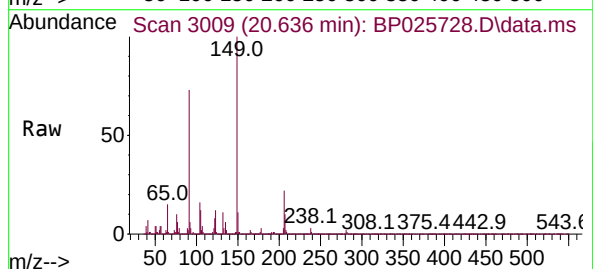
APPROVED

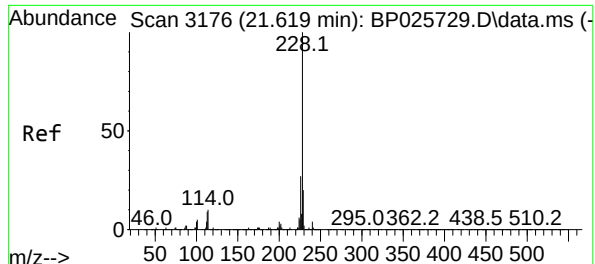
Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025



#80  
 Butylbenzylphthalate  
 Concen: 21.726 ng  
 RT: 20.636 min Scan# 3009  
 Delta R.T. -0.006 min  
 Lab File: BP025728.D  
 Acq: 11 Sep 2025 10:59

Tgt Ion:149 Resp: 592103  
 Ion Ratio Lower Upper  
 149 100  
 91 73.2 56.6 85.0  
 206 22.2 17.4 26.0





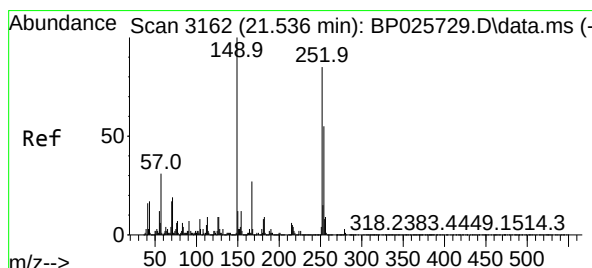
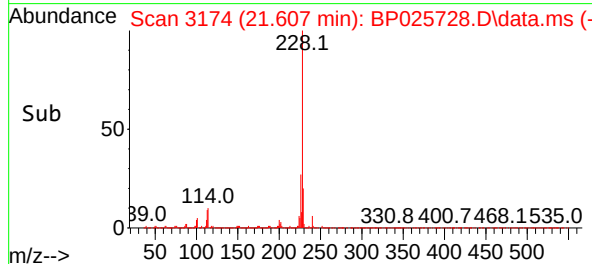
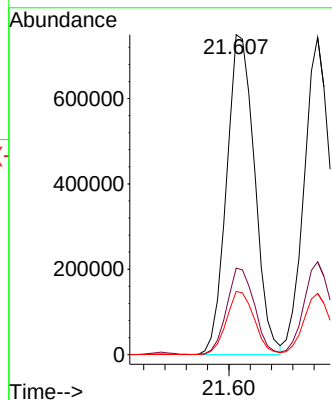
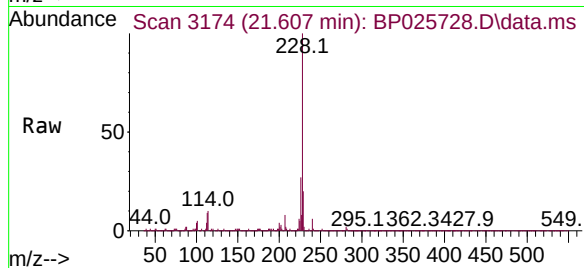
#81  
Benzo(a)anthracene  
Concen: 21.486 ng  
RT: 21.607 min Scan# 3174  
Delta R.T. -0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020

Tgt Ion:228 Resp: 1370258  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.6 32.4  
229 19.7 15.7 23.5

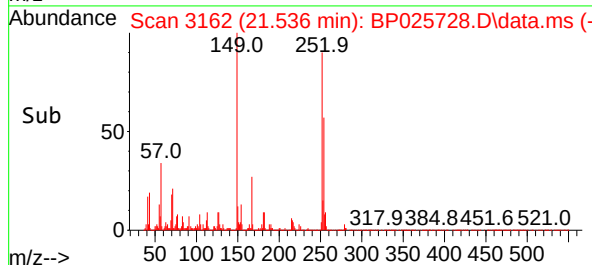
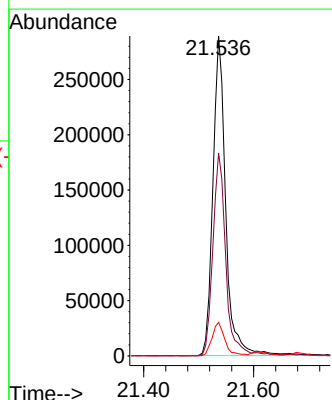
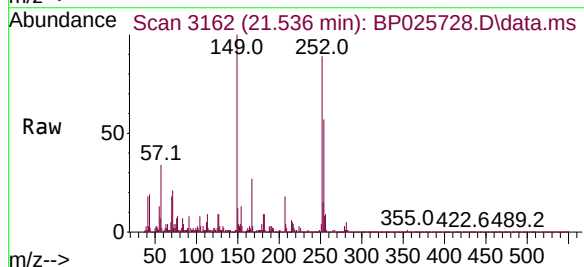
Manual Integrations  
APPROVED

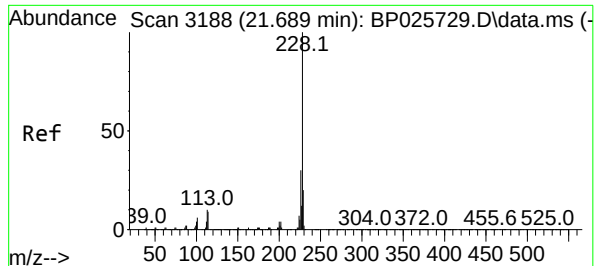
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 21.065 ng  
RT: 21.536 min Scan# 3162  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

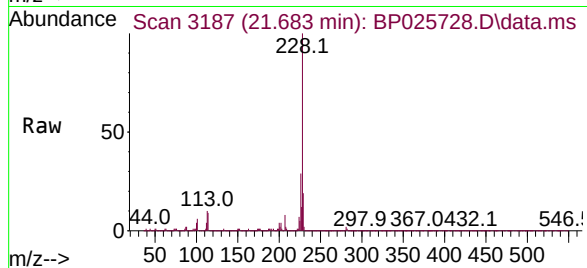
Tgt Ion:252 Resp: 464513  
Ion Ratio Lower Upper  
252 100  
254 63.4 51.4 77.0  
126 10.5 8.3 12.5





#83  
Chrysene  
Concen: 21.410 ng  
RT: 21.683 min Scan# 3187  
Delta R.T. -0.006 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

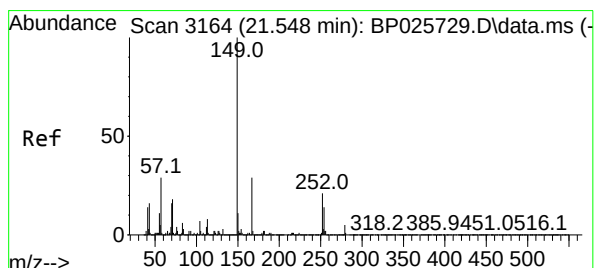
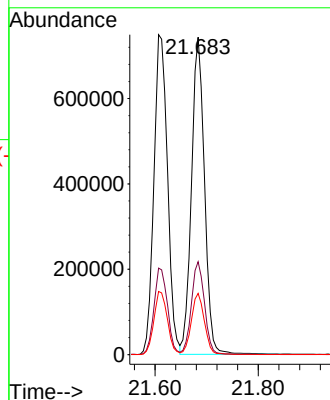
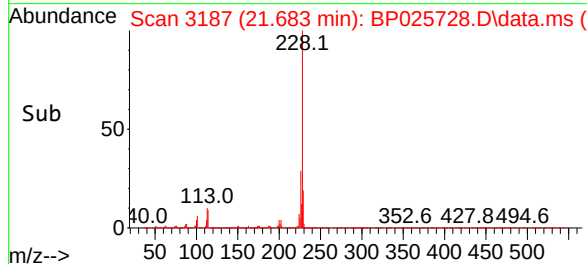
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:228 Resp: 130154  
Ion Ratio Lower Upper  
228 100  
226 29.3 23.8 35.6  
229 19.3 15.6 23.4

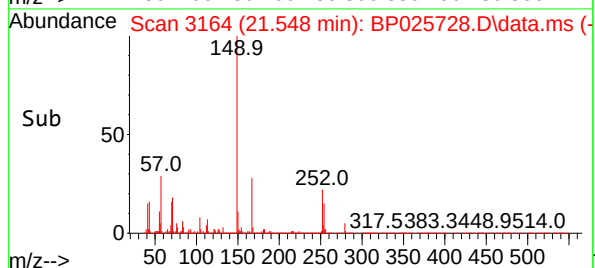
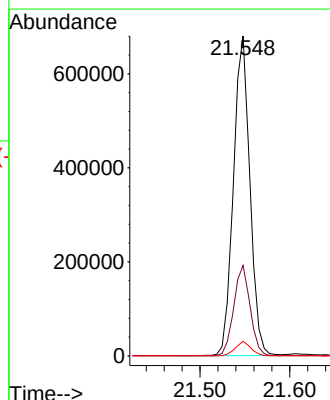
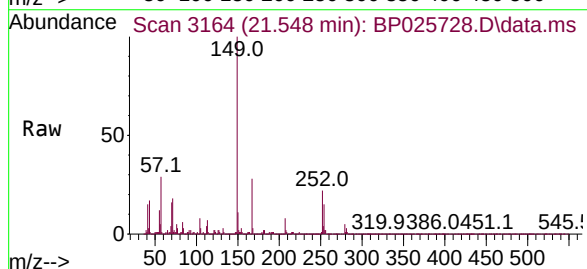
Manual Integrations  
APPROVED

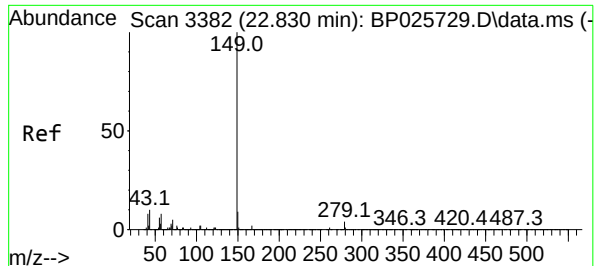
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 21.725 ng  
RT: 21.548 min Scan# 3164  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

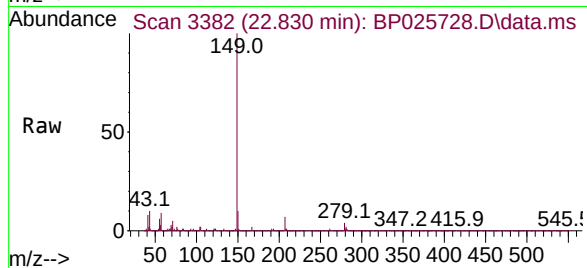
Tgt Ion:149 Resp: 866210  
Ion Ratio Lower Upper  
149 100  
167 28.3 22.9 34.3  
279 4.6 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 21.062 ng  
RT: 22.830 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

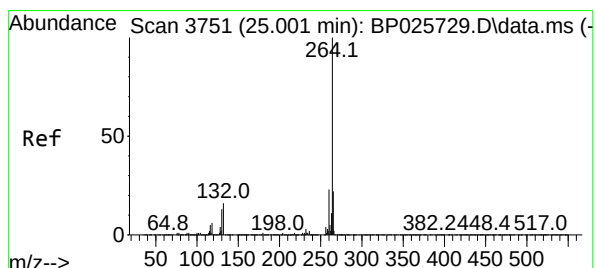
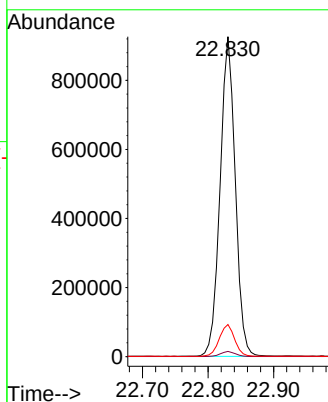
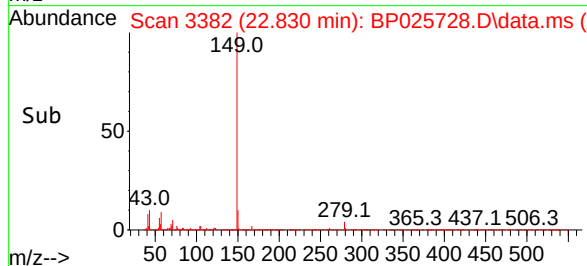
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC020



Tgt Ion:149 Resp: 1493820  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.1 8.0 12.0

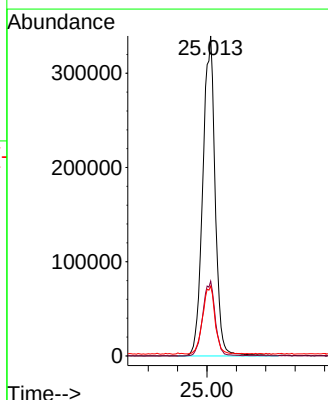
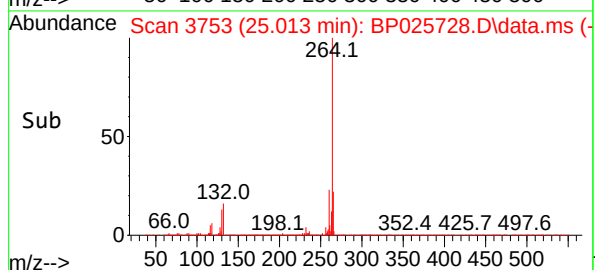
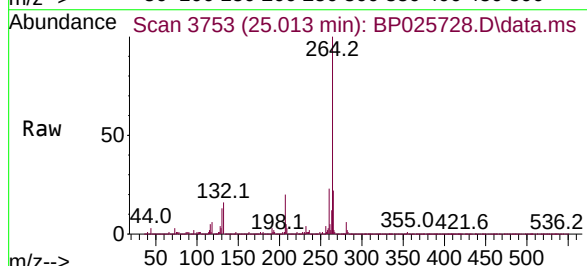
Manual Integrations  
APPROVED

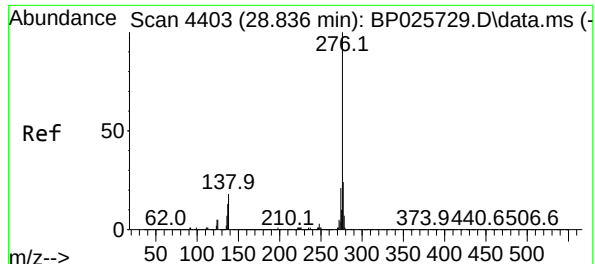
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.013 min Scan# 3753  
Delta R.T. 0.012 min  
Lab File: BP025728.D  
Acq: 11 Sep 2025 10:59

Tgt Ion:264 Resp: 988151  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.3 27.5  
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.074 ng

RT: 28.795 min Scan# 4396

Delta R.T. -0.041 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 1514360

Ion Ratio Lower Upper

276 100

138 17.1 13.4 20.2

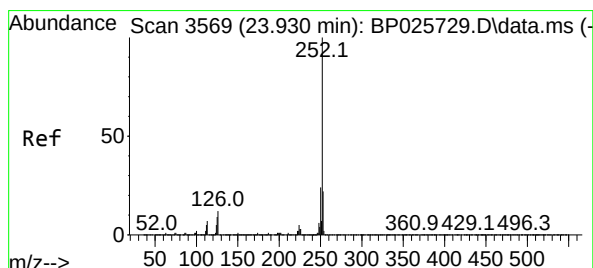
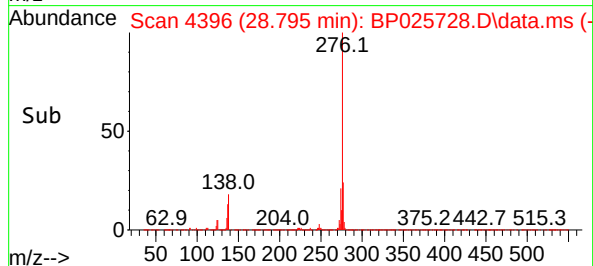
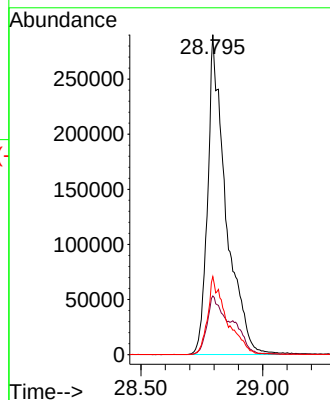
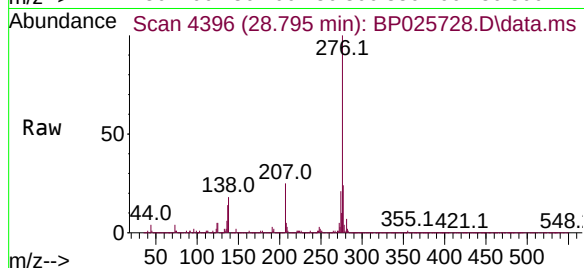
277 25.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#88

Benzo(b)fluoranthene

Concen: 21.316 ng

RT: 23.924 min Scan# 3568

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

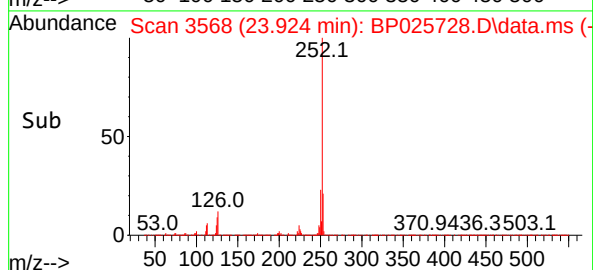
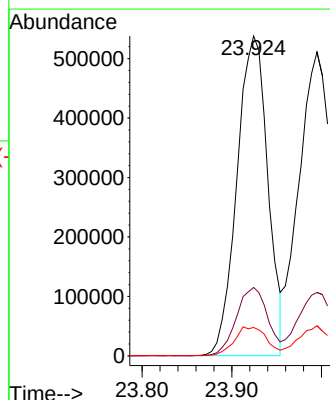
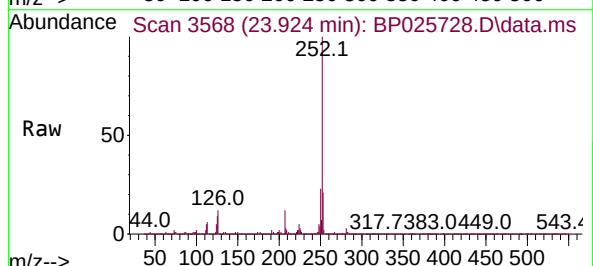
Tgt Ion:252 Resp: 1288073

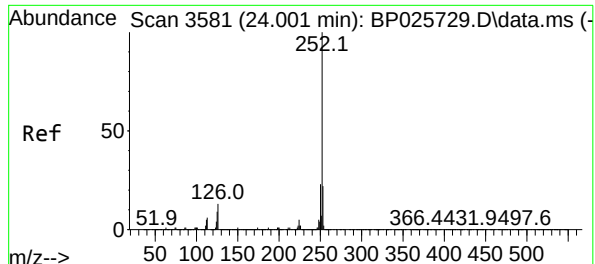
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 8.9 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 21.911 ng

RT: 23.995 min Scan# 3581

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1351055

Ion Ratio Lower Upper

252 100

253 20.9 17.5 26.3

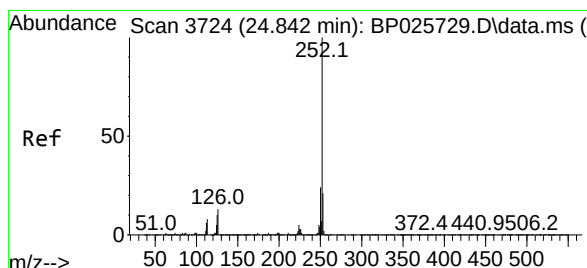
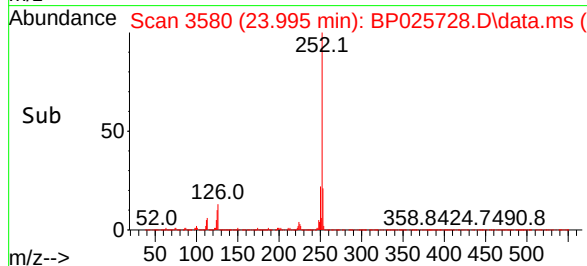
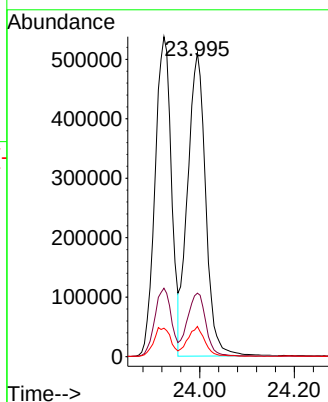
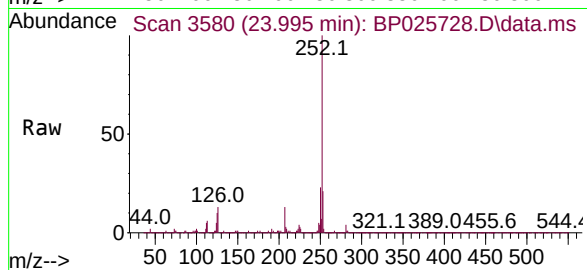
125 9.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 21.300 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.012 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

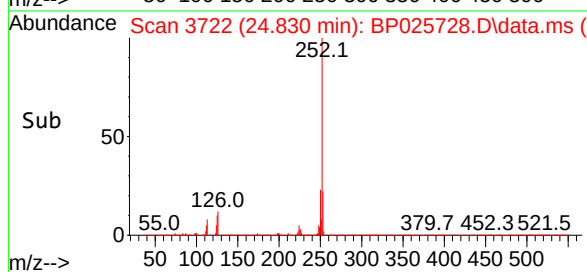
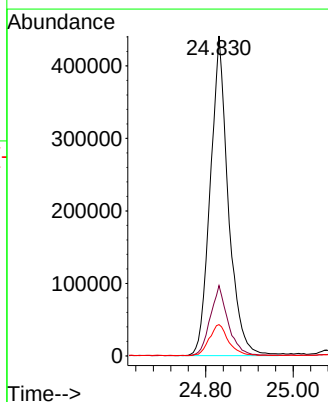
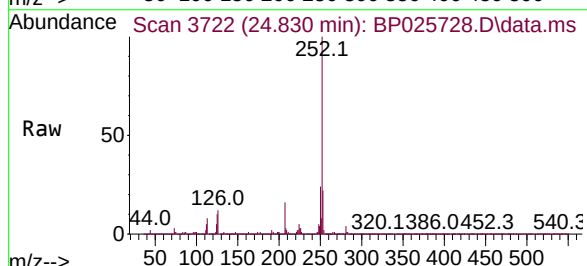
Tgt Ion:252 Resp: 1260461

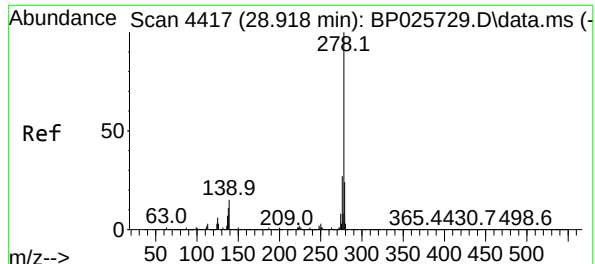
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 21.066 ng

RT: 28.883 min Scan# 4411

Delta R.T. -0.035 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA\_P

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 123876

Ion Ratio Lower Upper

278 100

139 15.1 12.1 18.1

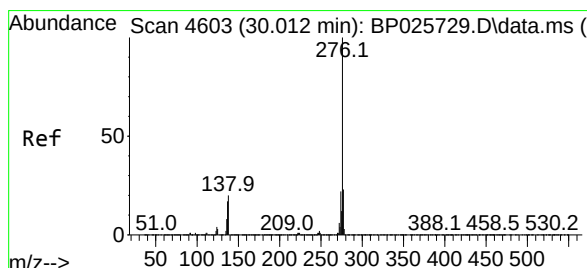
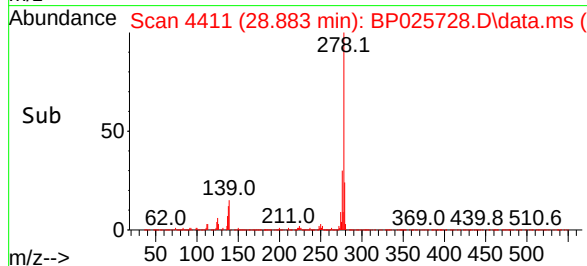
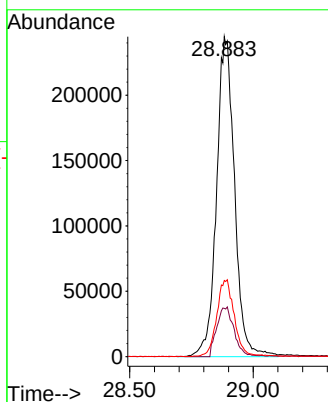
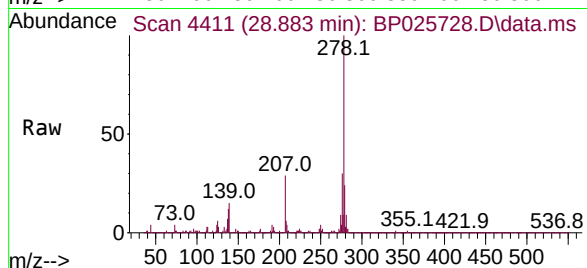
279 23.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#92

Benzo(g,h,i)perylene

Concen: 20.937 ng

RT: 29.995 min Scan# 4600

Delta R.T. -0.018 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

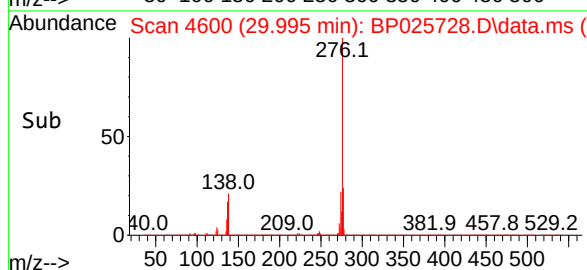
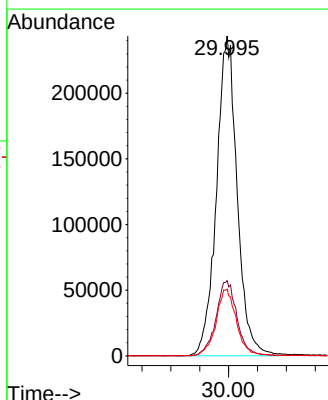
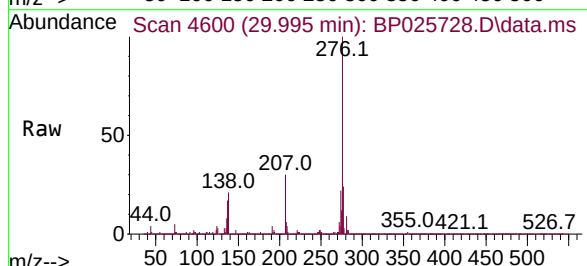
Tgt Ion:276 Resp: 1210808

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 20.9 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025729.D  
 Acq On : 11 Sep 2025 12:21  
 Operator : CG/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.760  | 152  | 144640   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.525 | 136  | 617318   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 418121   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.183 | 188  | 868840   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 926553   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 24.995 | 264  | 1000954  | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 787836   | 87.888 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.943  | 99   | 1076622  | 90.359 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.902  | 82   | 1224870  | 87.524 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 462583   | 88.699 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.990 | 172  | 2669440  | 85.008 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.901 | 244  | 4362586  | 84.704 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 157988   | 41.993 | ng    | 99       |
| 3) Pyridine                   | 3.708  | 79   | 452870   | 43.715 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 208606   | 42.674 | ng    | 98       |
| 6) Aniline                    | 7.096  | 93   | 725768   | 44.373 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.331  | 128  | 436310   | 44.368 | ng    | 99       |
| 9) Benzaldehyde               | 6.913  | 77   | 253178m  | 35.491 | ng    |          |
| 10) Phenol                    | 6.972  | 94   | 568213   | 45.227 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 449932   | 44.575 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 484132   | 43.256 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.796  | 146  | 488797   | 42.874 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.107  | 146  | 478270   | 43.182 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.002  | 79   | 436860   | 44.371 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.278  | 45   | 721206   | 43.691 | ng    | 100      |
| 17) 2-Methylphenol            | 8.202  | 107  | 381511   | 45.040 | ng    | 97       |
| 18) Hexachloroethane          | 8.825  | 117  | 187163   | 42.979 | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.554  | 70   | 381756   | 46.485 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.525  | 107  | 526118   | 44.351 | ng    | 98       |
| 22) Acetophenone              | 8.572  | 105  | 726426   | 44.034 | ng    | 99       |
| 24) Nitrobenzene              | 8.943  | 77   | 554186   | 44.142 | ng    | 99       |
| 25) Isophorone                | 9.472  | 82   | 1061978  | 43.173 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.649  | 139  | 250189   | 44.885 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 439626   | 44.957 | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.937  | 93   | 615359   | 43.278 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 430954   | 44.201 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.396 | 180  | 466981   | 42.499 | ng    | 99       |
| 31) Naphthalene               | 10.578 | 128  | 1416256  | 42.548 | ng    | 100      |
| 32) Benzoic acid              | 9.884  | 122  | 322344   | 44.337 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.684 | 127  | 629600   | 45.380 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.860 | 225  | 299180   | 42.296 | ng    | 98       |
| 35) Caprolactam               | 11.490 | 113  | 162983   | 43.455 | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.825 | 107  | 511595   | 44.012 | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 922799   | 43.164 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 987208   | 43.302 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.560 | 216  | 551785   | 43.550 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.537 | 237  | 317811   | 46.055 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.801 | 196  | 372542   | 44.726 | ng    | 99       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025729.D  
 Acq On : 11 Sep 2025 12:21  
 Operator : CG/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.884 | 196  | 418700   | 45.167 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.207 | 154  | 1327491  | 43.254 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.242 | 162  | 1037016  | 42.913 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 366901   | 45.547 | ng    | 97       |
| 49) Acenaphthylene            | 14.101 | 152  | 1721169  | 42.987 | ng    | 100      |
| 50) Dimethylphthalate         | 13.837 | 163  | 1387323  | 43.460 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 299565   | 44.293 | ng    | 99       |
| 52) Acenaphthene              | 14.442 | 154  | 998942   | 43.262 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.284 | 138  | 329431   | 46.320 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 174477   | 42.110 | ng    | 98       |
| 55) Dibenzofuran              | 14.784 | 168  | 1607411  | 42.712 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.619 | 139  | 256685   | 44.044 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.754 | 165  | 435664   | 45.264 | ng    | 99       |
| 58) Fluorene                  | 15.448 | 166  | 1292575  | 43.194 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.019 | 232  | 373358   | 44.710 | ng    | 98       |
| 60) Diethylphthalate          | 15.219 | 149  | 1374845  | 42.459 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.436 | 204  | 643036   | 42.637 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 338121   | 46.442 | ng    | 100      |
| 63) Azobenzene                | 15.736 | 77   | 1373602  | 43.872 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 261709   | 45.293 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.654 | 169  | 1153503  | 43.383 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.348 | 248  | 413274   | 43.298 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 453064   | 42.564 | ng    | 97       |
| 69) Atrazine                  | 16.636 | 200  | 451179   | 44.392 | ng    | 98       |
| 70) Pentachlorophenol         | 16.836 | 266  | 311192   | 44.297 | ng    | 98       |
| 71) Phenanthrene              | 17.230 | 178  | 2106998  | 42.751 | ng    | 100      |
| 72) Anthracene                | 17.319 | 178  | 2149009  | 42.974 | ng    | 100      |
| 73) Carbazole                 | 17.601 | 167  | 2037704  | 43.830 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.189 | 149  | 2498531  | 43.793 | ng    | 100      |
| 75) Fluoranthene              | 19.313 | 202  | 2514212  | 42.535 | ng    | 99       |
| 77) Benzidine                 | 19.501 | 184  | 1209219  | 45.307 | ng    | 100      |
| 78) Pyrene                    | 19.689 | 202  | 2650721  | 42.875 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 1198520  | 44.213 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.613 | 228  | 2693098  | 42.456 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.524 | 252  | 960752   | 43.803 | ng    | 99       |
| 83) Chrysene                  | 21.677 | 228  | 2548856  | 42.152 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 1750717  | 44.144 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.818 | 149  | 3094664  | 43.867 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.824 | 276  | 3195673  | 43.902 | ng    | # 83     |
| 88) Benzo(b)fluoranthene      | 23.930 | 252  | 2674118  | 43.687 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.007 | 252  | 2685118  | 42.989 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.836 | 252  | 2617139  | 43.660 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.906 | 278  | 2596318  | 43.586 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.006 | 276  | 2536855  | 43.305 | ng    | 99       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025729.D  
 Acq On : 11 Sep 2025 12:21  
 Operator : CG/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

SSTDICCC040

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025

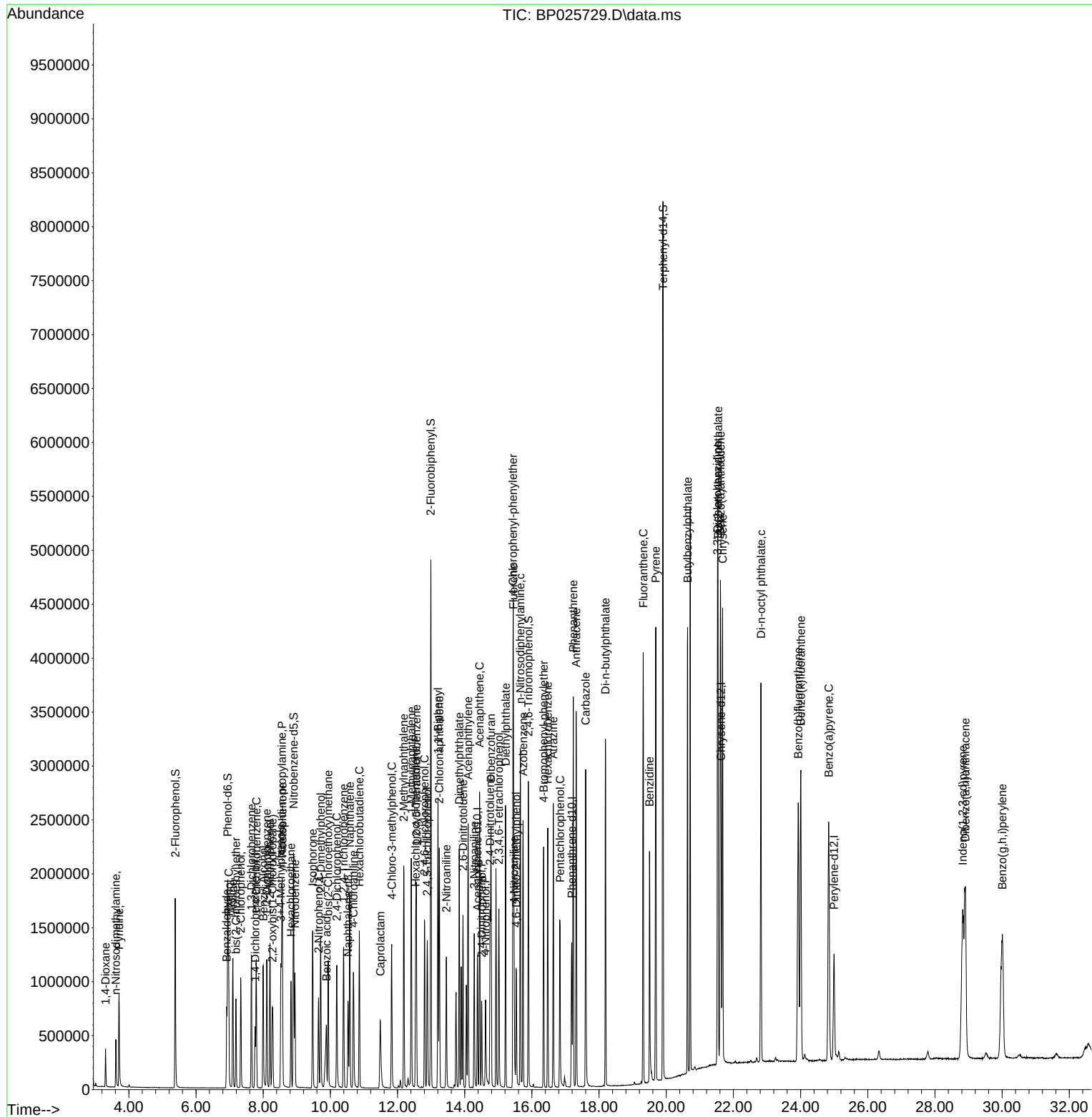
Quant Time: Sep 11 16:22:59 2025

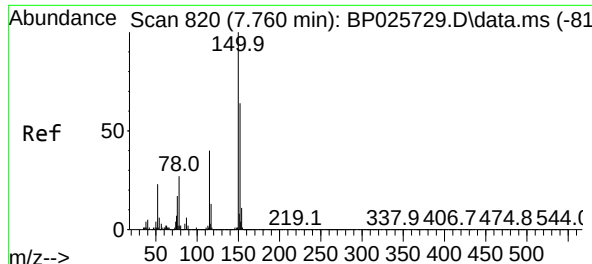
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 11 16:16:10 2025

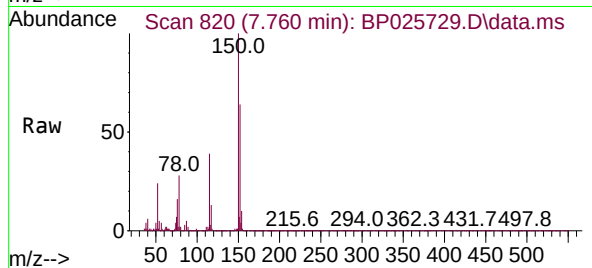
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.760 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

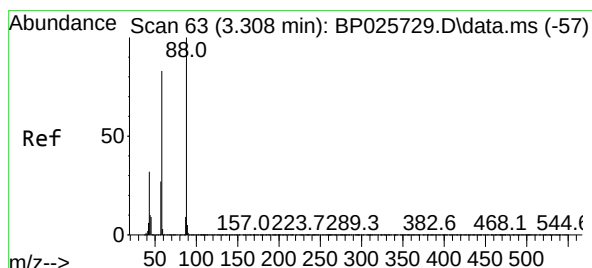
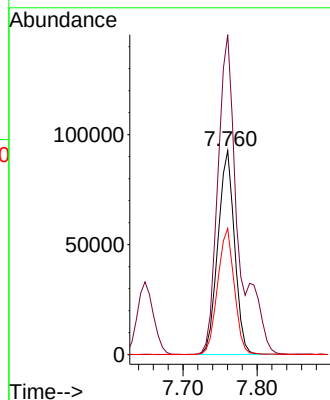
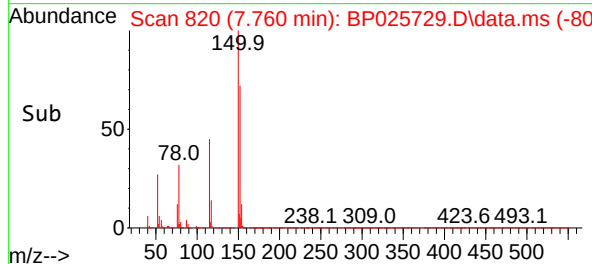
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:152 Resp: 144640  
Ion Ratio Lower Upper  
152 100  
150 156.9 124.3 186.5  
115 61.9 50.3 75.5

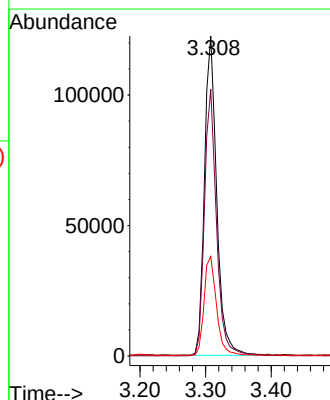
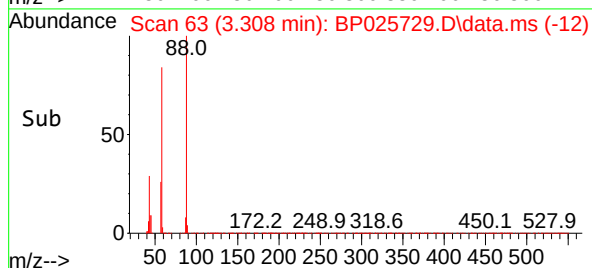
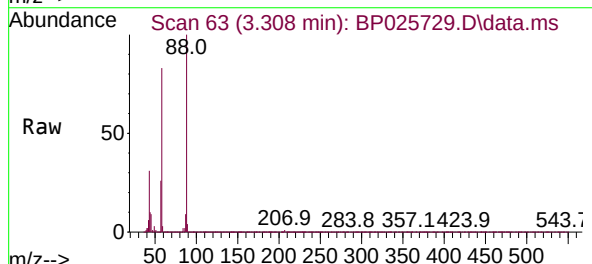
Manual Integrations  
APPROVED

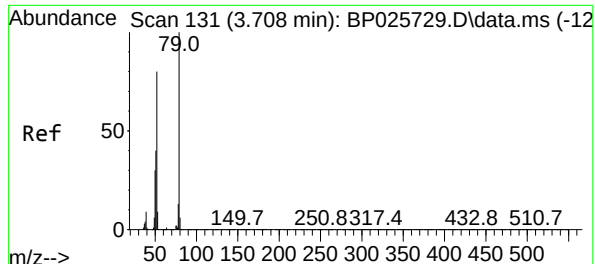
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#2  
1,4-Dioxane  
Concen: 41.993 ng  
RT: 3.308 min Scan# 63  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

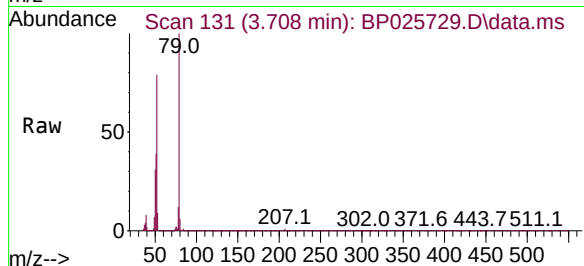
Tgt Ion: 88 Resp: 157988  
Ion Ratio Lower Upper  
88 100  
58 82.8 65.5 98.3  
43 31.5 25.2 37.8





#3  
Pyridine  
Concen: 43.715 ng  
RT: 3.708 min Scan# 131  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

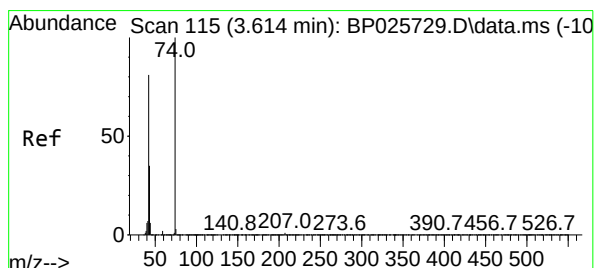
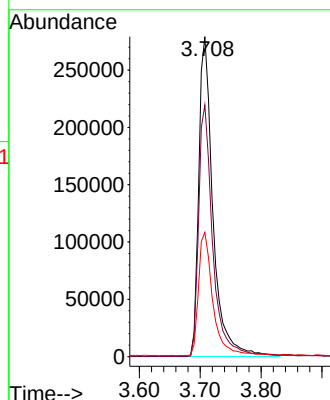
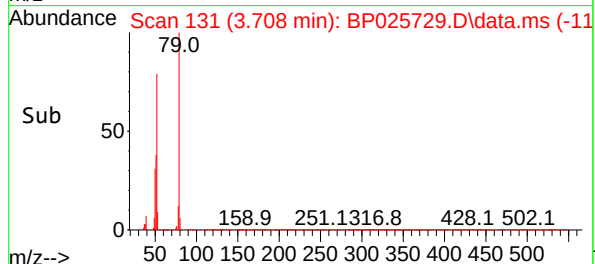
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 79 Resp: 452870  
Ion Ratio Lower Upper  
79 100  
52 78.7 63.7 95.5  
51 38.8 32.4 48.6

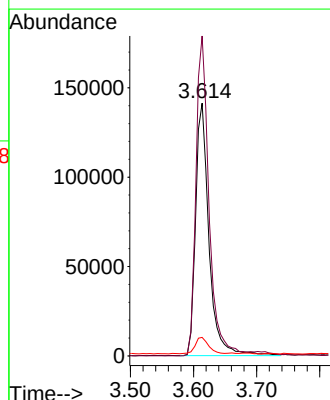
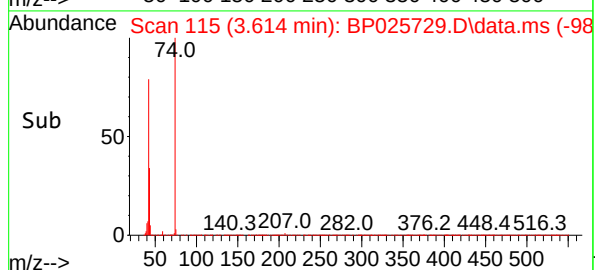
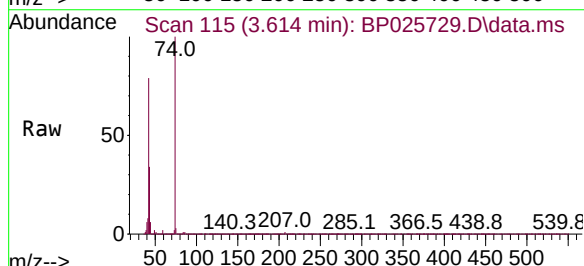
Manual Integrations  
APPROVED

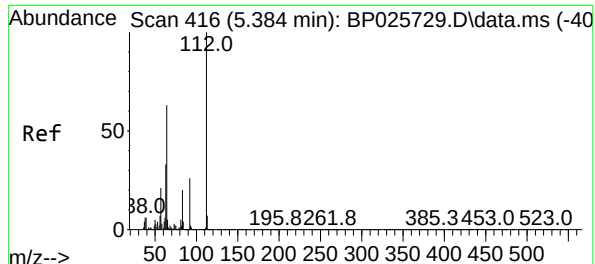
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#4  
n-Nitrosodimethylamine  
Concen: 42.674 ng  
RT: 3.614 min Scan# 115  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

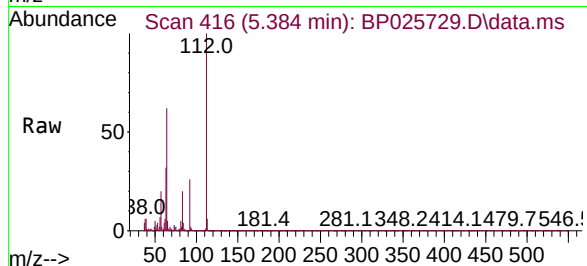
Tgt Ion: 42 Resp: 208606  
Ion Ratio Lower Upper  
42 100  
74 126.6 99.2 148.8  
44 7.3 6.4 9.6





#5  
2-Fluorophenol  
Concen: 87.888 ng  
RT: 5.384 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

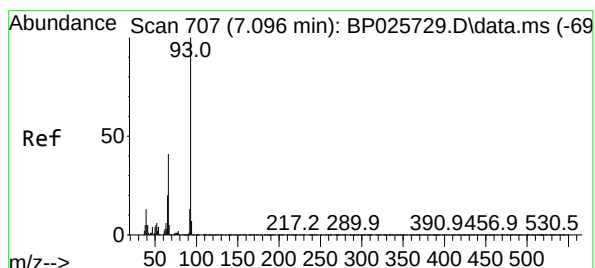
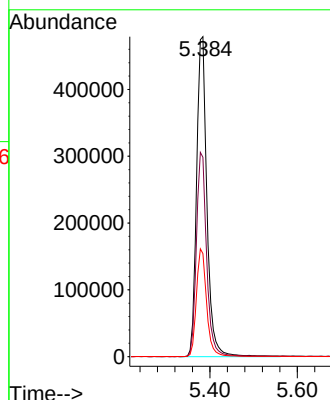
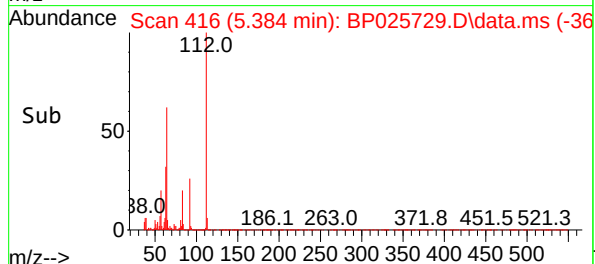
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 112 Resp: 787836  
Ion Ratio Lower Upper  
112 100  
64 62.3 50.2 75.4  
63 32.2 26.7 40.1

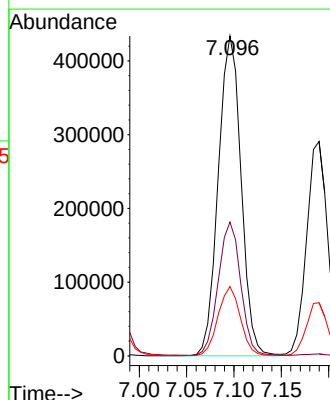
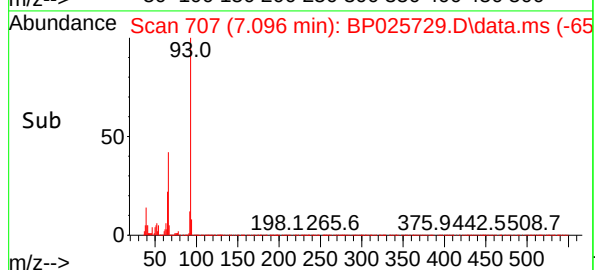
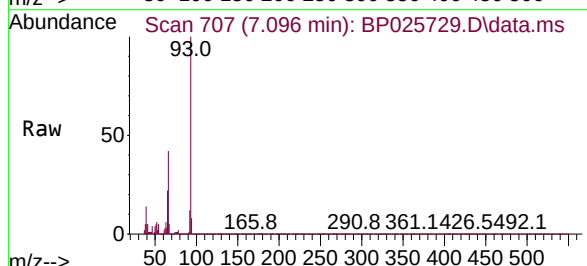
Manual Integrations  
APPROVED

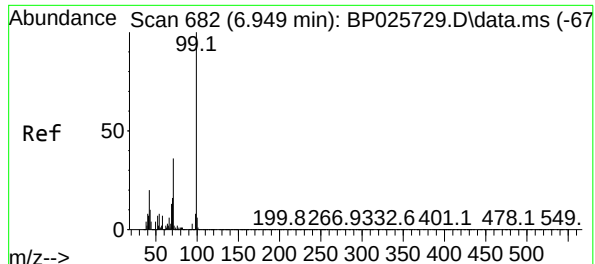
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#6  
Aniline  
Concen: 44.373 ng  
RT: 7.096 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

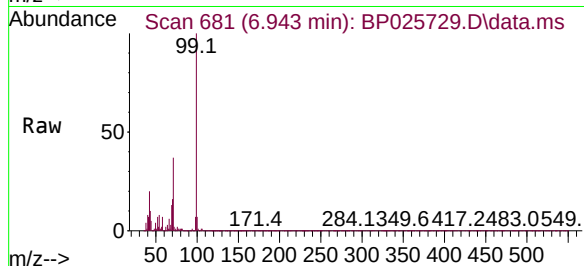
Tgt Ion: 93 Resp: 725768  
Ion Ratio Lower Upper  
93 100  
66 41.8 32.6 49.0  
65 21.7 16.2 24.2





#7  
Phenol-d6  
Concen: 90.359 ng  
RT: 6.943 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

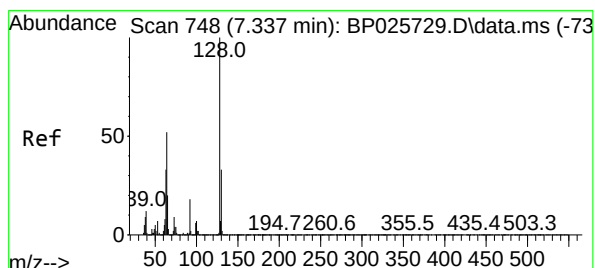
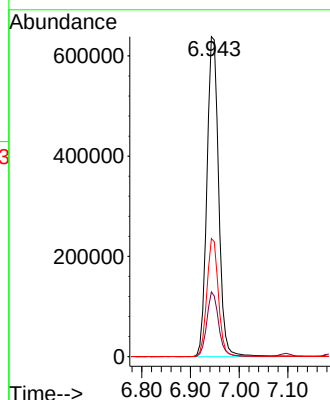
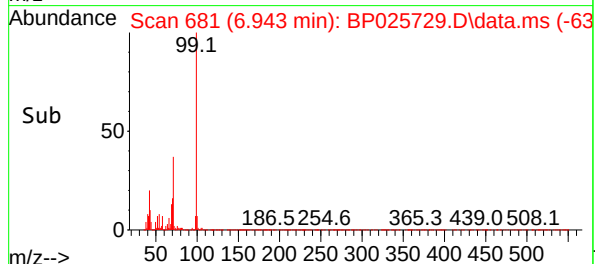
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 99 Resp: 1076622  
Ion Ratio Lower Upper  
99 100  
42 20.2 15.6 23.4  
71 36.9 28.6 43.0

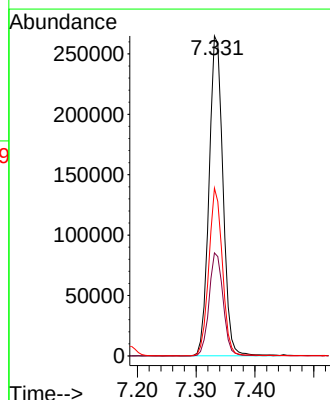
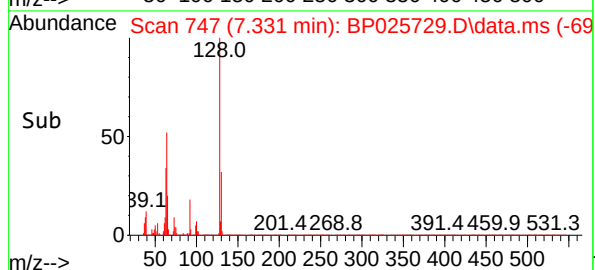
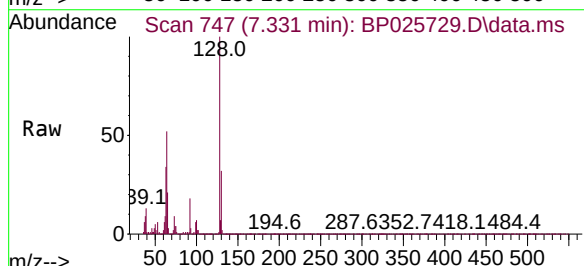
Manual Integrations  
APPROVED

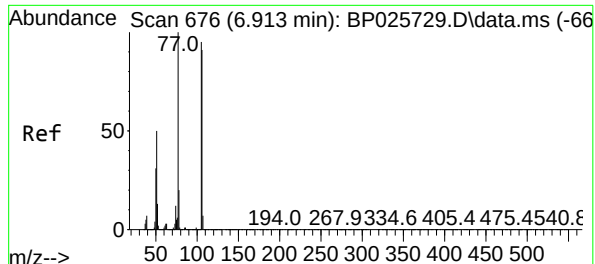
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#8  
2-Chlorophenol  
Concen: 44.368 ng  
RT: 7.331 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion:128 Resp: 436310  
Ion Ratio Lower Upper  
128 100  
130 32.2 12.6 52.6  
64 52.4 31.6 71.6





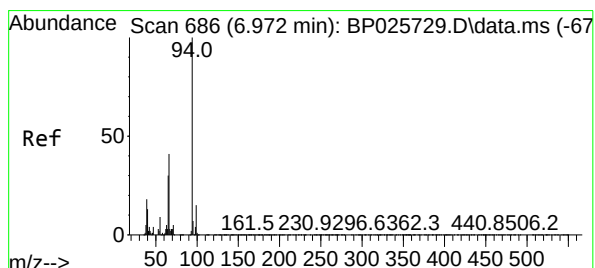
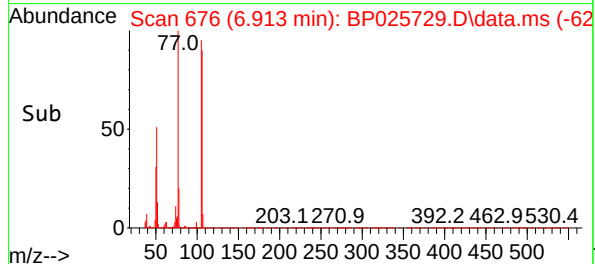
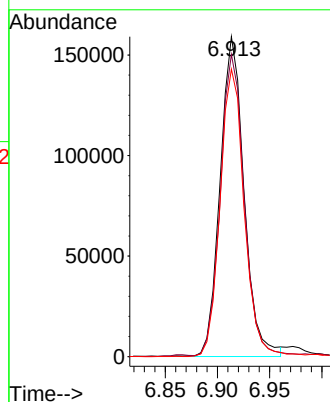
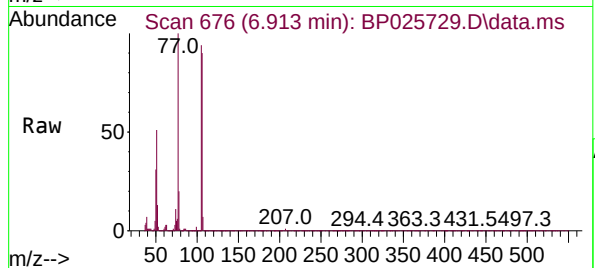
#9  
Benzaldehyde  
Concen: 35.491 ng m  
RT: 6.913 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 77 Resp: 253178  
Ion Ratio Lower Upper  
77 100  
105 94.5 75.2 115.2  
106 89.8 71.3 111.3

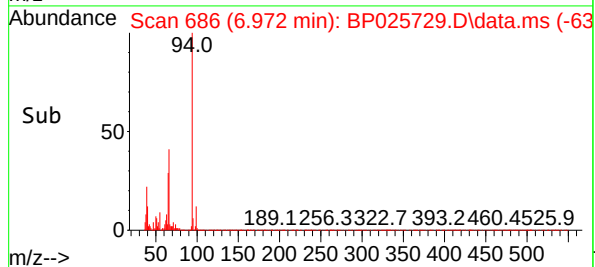
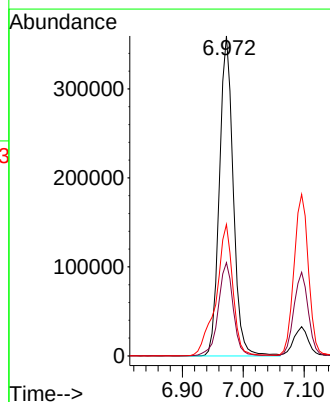
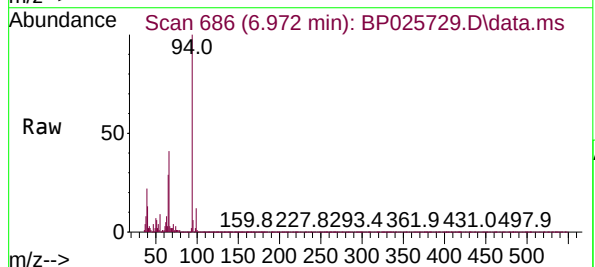
Manual Integrations  
APPROVED

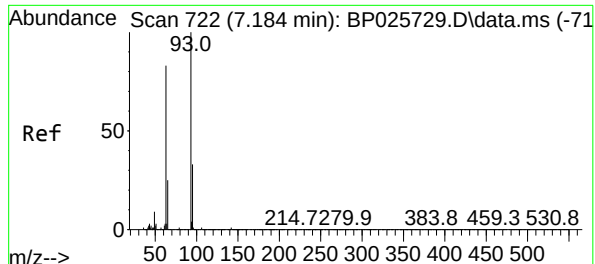
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#10  
Phenol  
Concen: 45.227 ng  
RT: 6.972 min Scan# 686  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion: 94 Resp: 568213  
Ion Ratio Lower Upper  
94 100  
65 29.1 10.2 50.2  
66 41.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 44.575 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 449932

Ion Ratio Lower Upper

93 100

63 81.5 62.6 102.6

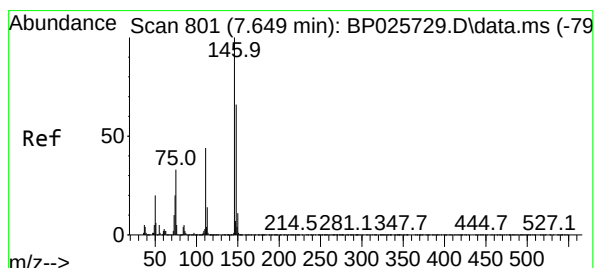
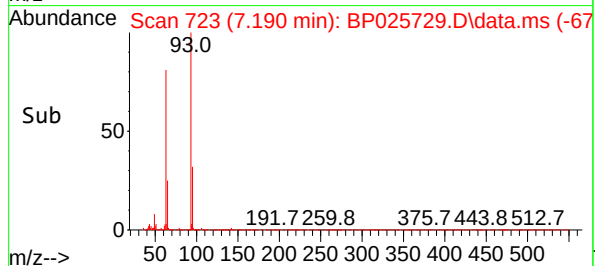
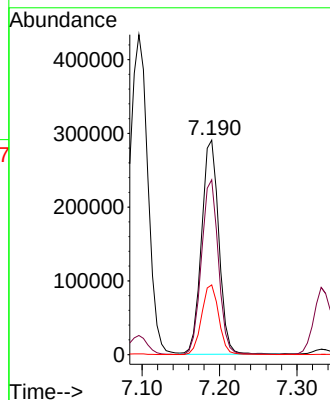
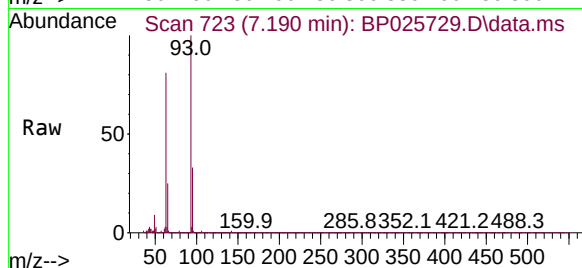
95 32.5 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 43.256 ng

RT: 7.649 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

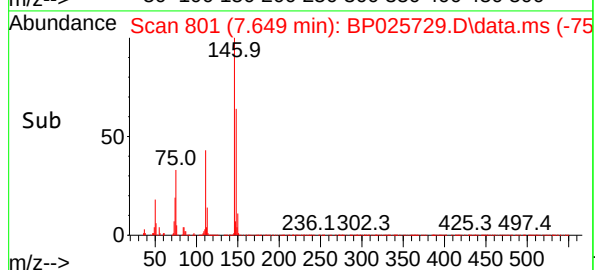
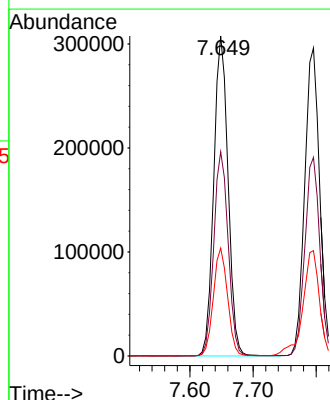
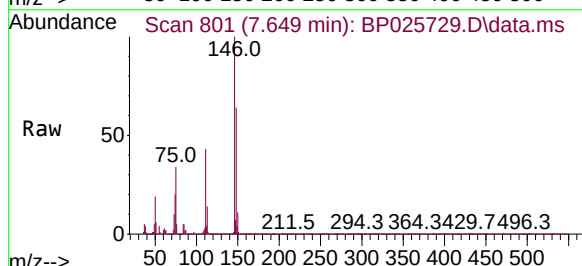
Tgt Ion:146 Resp: 484132

Ion Ratio Lower Upper

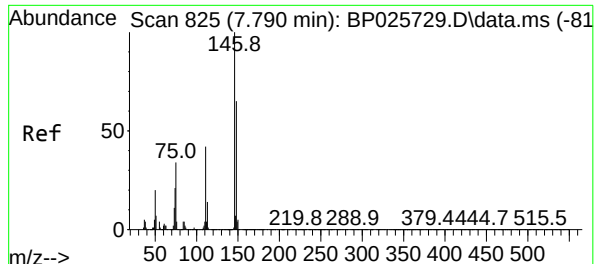
146 100

148 63.8 52.7 79.1

75 33.7 26.4 39.6







#13

1,4-Dichlorobenzene

Concen: 42.874 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 48879

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

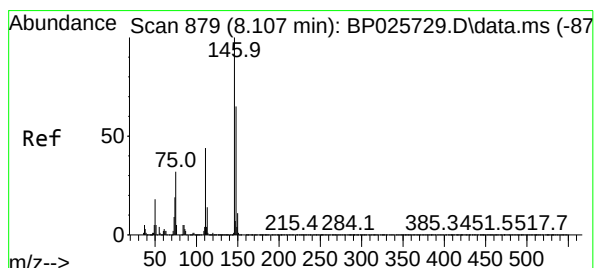
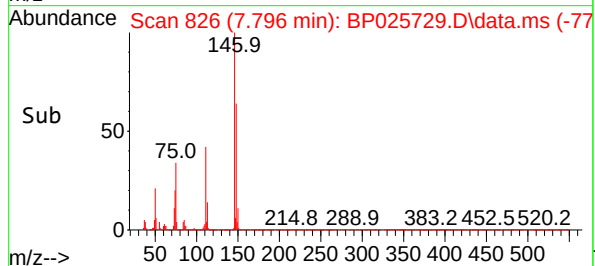
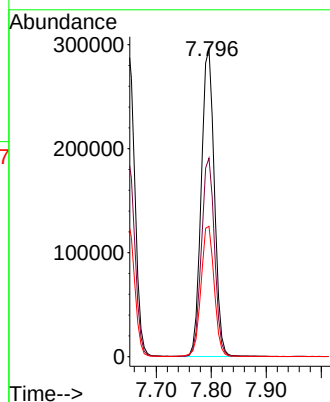
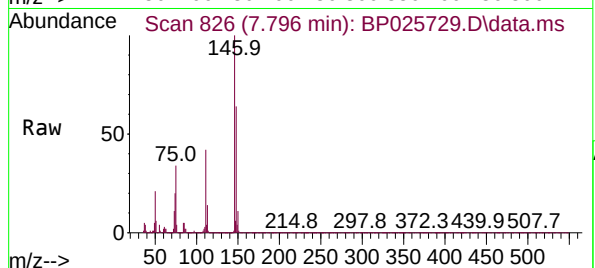
111 42.3 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 43.182 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

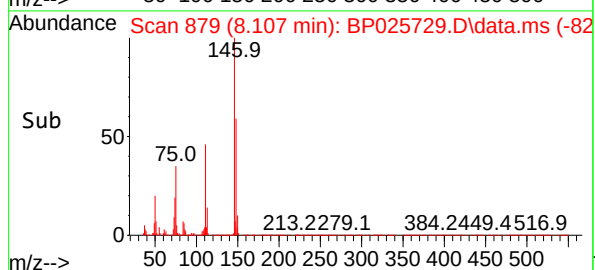
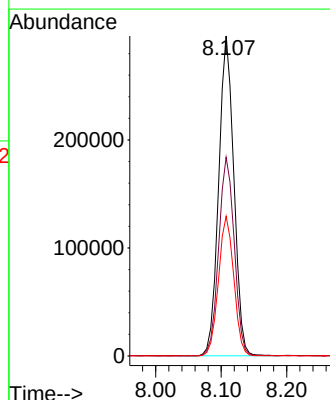
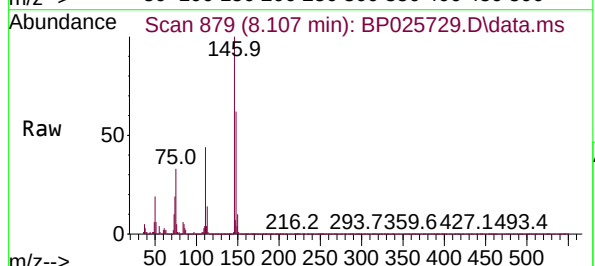
Tgt Ion:146 Resp: 478270

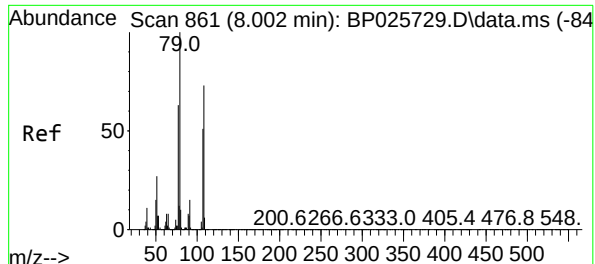
Ion Ratio Lower Upper

146 100

148 62.1 51.7 77.5

111 43.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 44.371 ng

RT: 8.002 min Scan# 861

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 436860

Ion Ratio Lower Upper

79 100

108 74.1 58.7 88.1

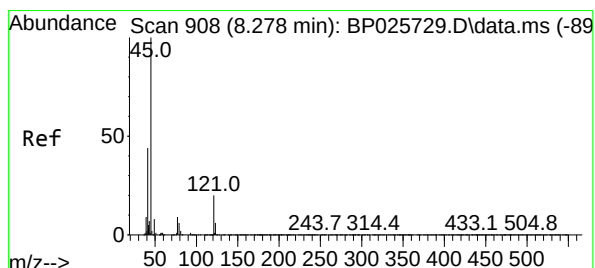
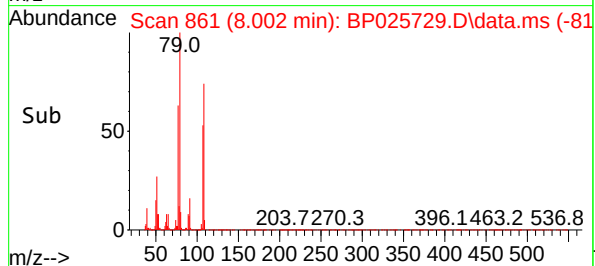
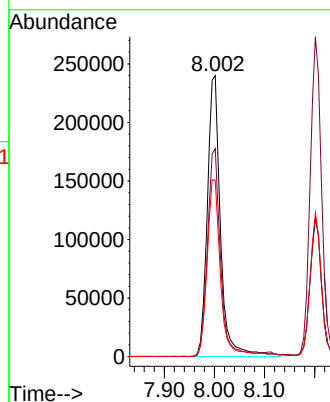
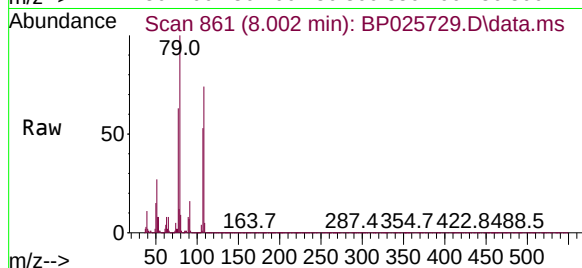
77 62.8 50.2 75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.691 ng

RT: 8.278 min Scan# 908

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

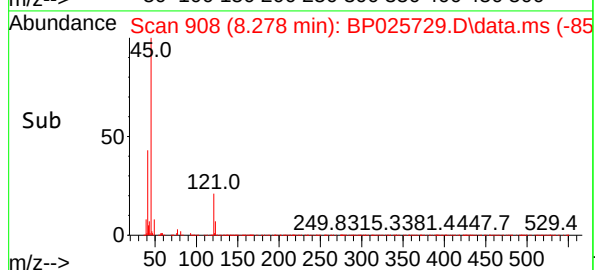
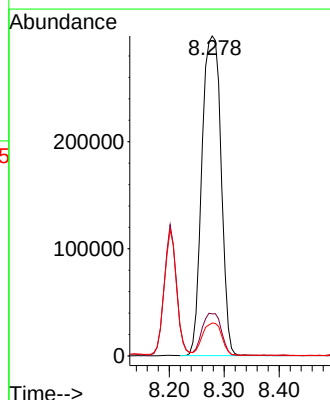
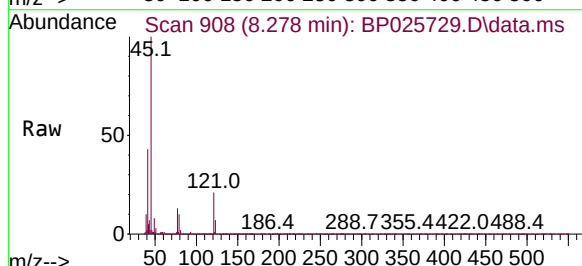
Tgt Ion: 45 Resp: 721206

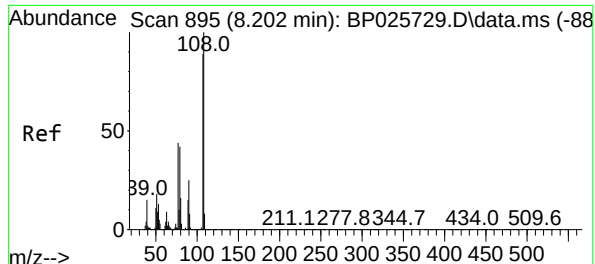
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.1

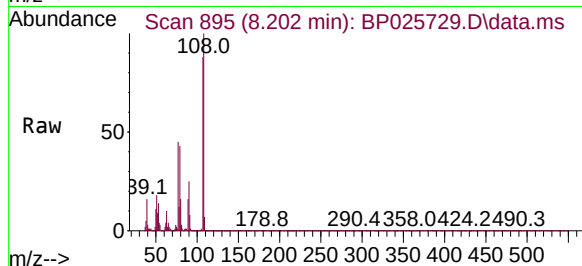
79 10.3 0.0 30.0





#17  
2-Methylphenol  
Concen: 45.040 ng  
RT: 8.202 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

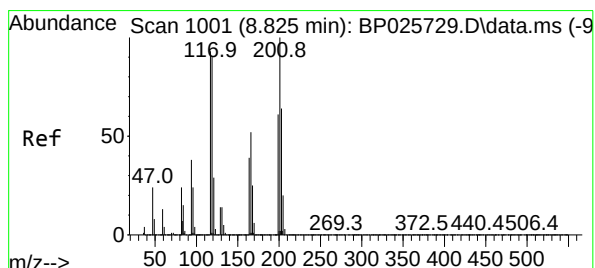
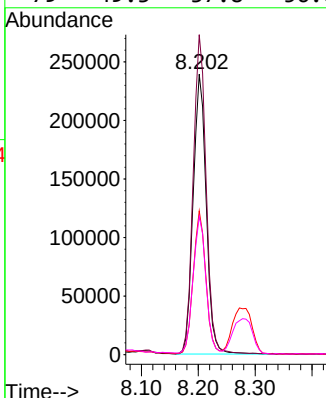
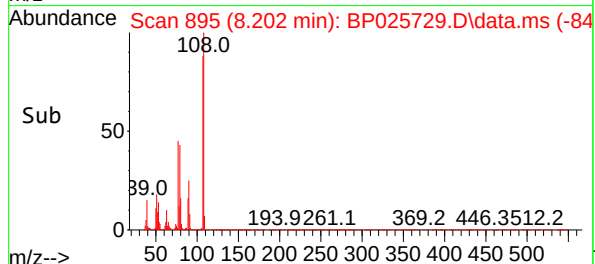
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



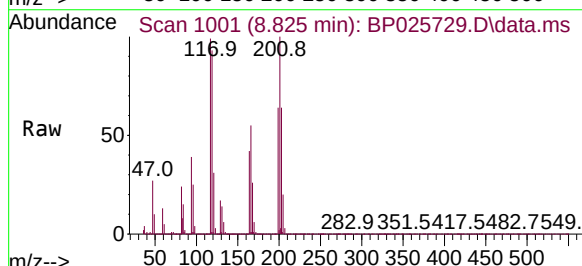
Tgt Ion:107 Resp: 381511  
Ion Ratio Lower Upper  
107 100  
108 114.1 89.6 134.4  
77 51.2 39.3 58.9  
79 49.3 37.8 56.6

Manual Integrations  
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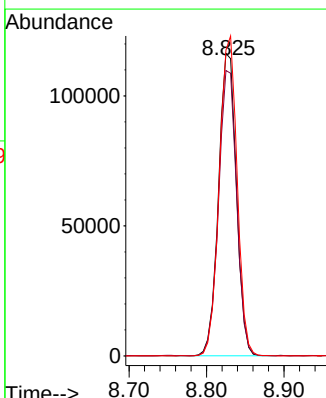
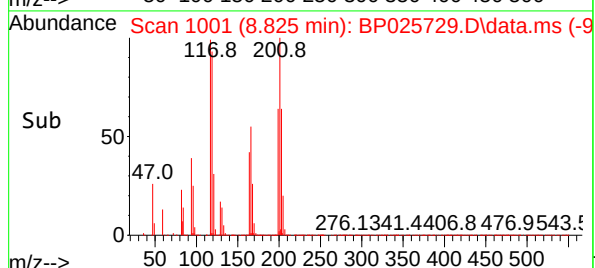
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

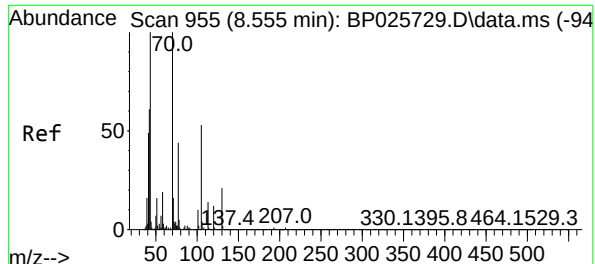


#18  
Hexachloroethane  
Concen: 42.979 ng  
RT: 8.825 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21



Tgt Ion:117 Resp: 187163  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.1 115.7  
201 101.1 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 46.485 ng

RT: 8.554 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 381756

Ion Ratio Lower Upper

70 100

42 60.9 49.0 73.4

101 9.7 7.9 11.9

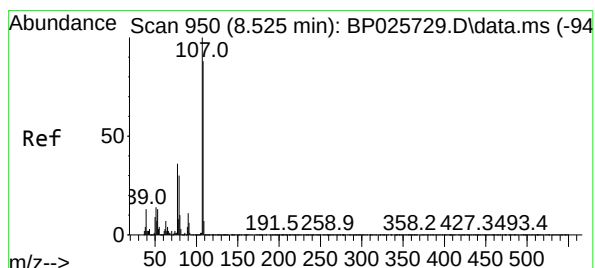
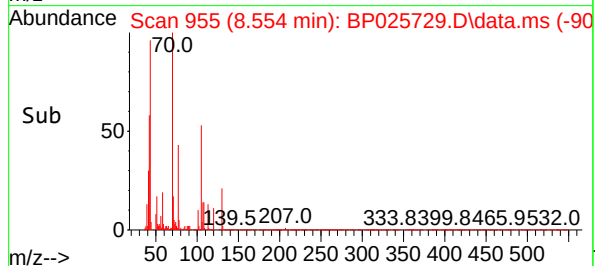
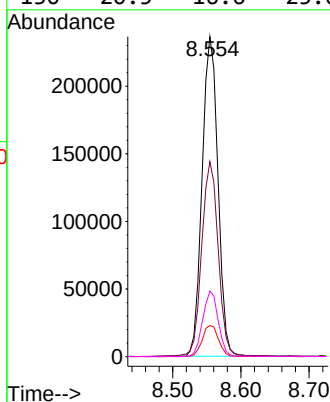
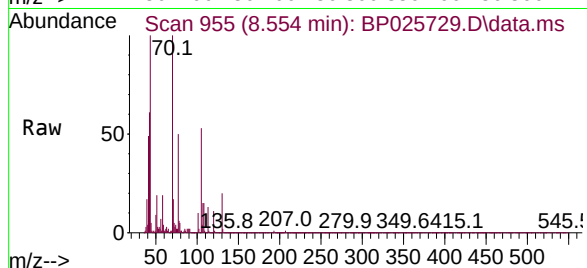
130 20.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 44.351 ng

RT: 8.525 min Scan# 950

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Tgt Ion:107 Resp: 526118

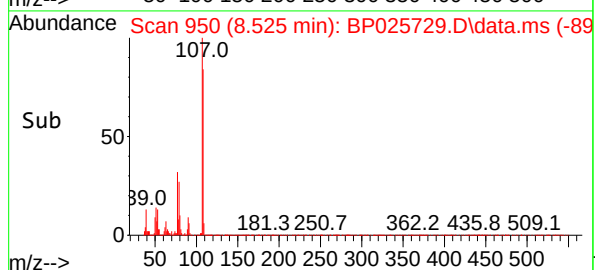
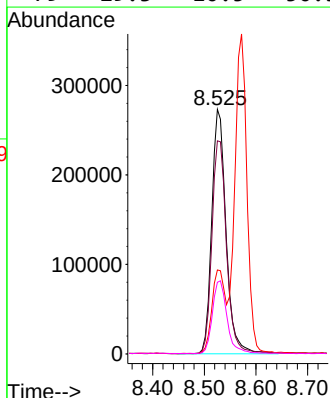
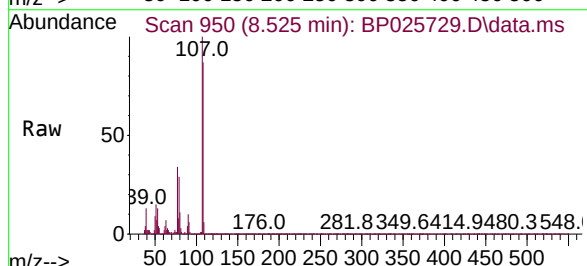
Ion Ratio Lower Upper

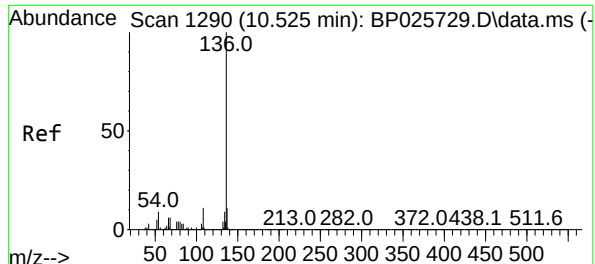
107 100

108 87.1 67.8 107.8

77 34.3 16.1 56.1

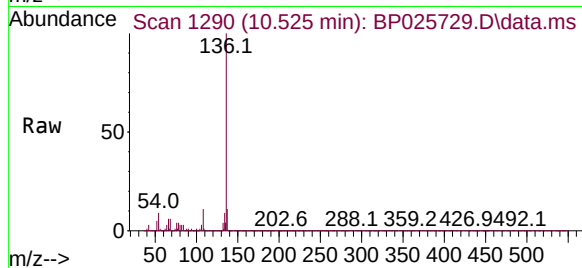
79 29.3 10.5 50.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.525 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

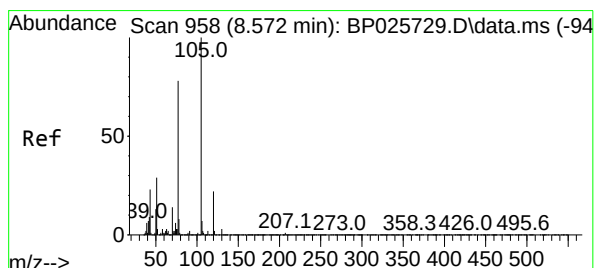
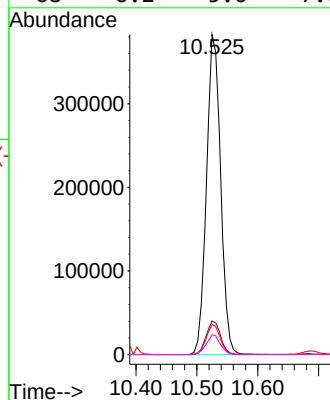
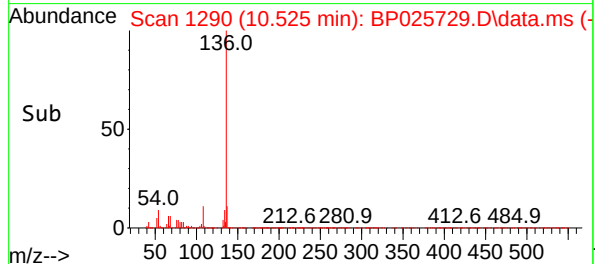
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:136 Resp: 617318  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.7 13.1  
54 9.4 7.5 11.3  
68 6.2 5.0 7.6

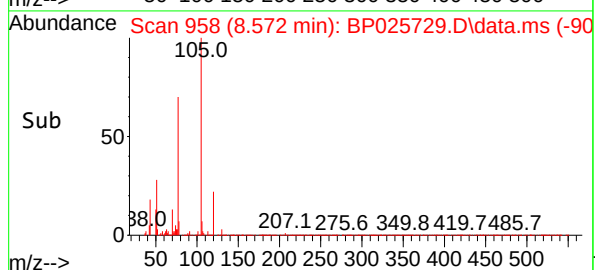
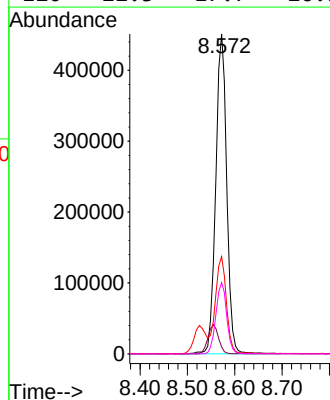
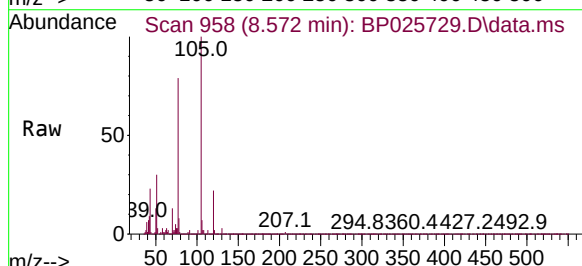
Manual Integrations  
APPROVED

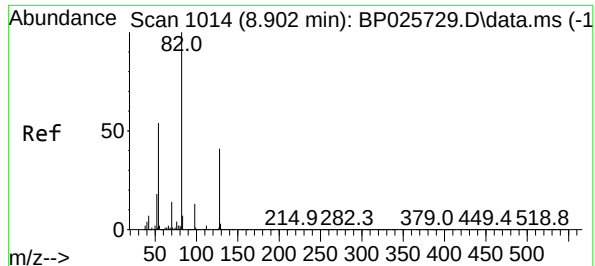
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#22  
Acetophenone  
Concen: 44.034 ng  
RT: 8.572 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

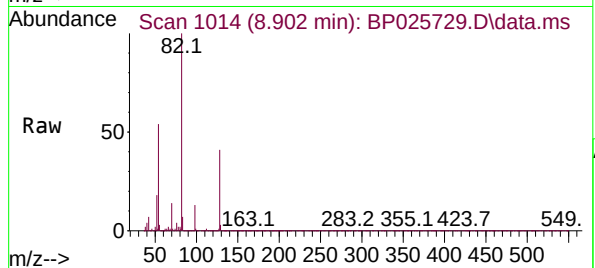
Tgt Ion:105 Resp: 726426  
Ion Ratio Lower Upper  
105 100  
71 2.2 1.8 2.8  
51 30.4 23.5 35.3  
120 22.3 17.7 26.5





#23  
Nitrobenzene-d5  
Concen: 87.524 ng  
RT: 8.902 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

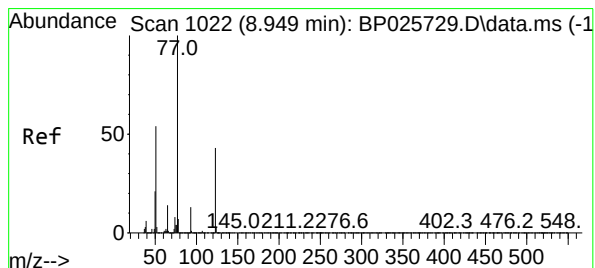
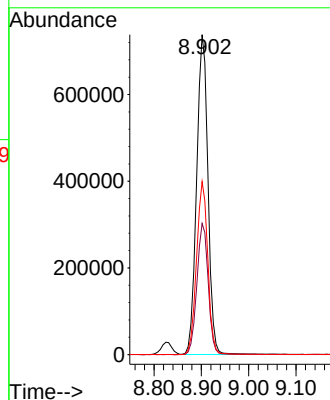
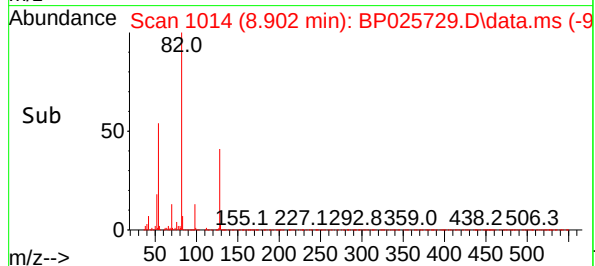
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 82 Resp: 1224876  
Ion Ratio Lower Upper  
82 100  
128 41.0 32.9 49.3  
54 54.1 43.4 65.2

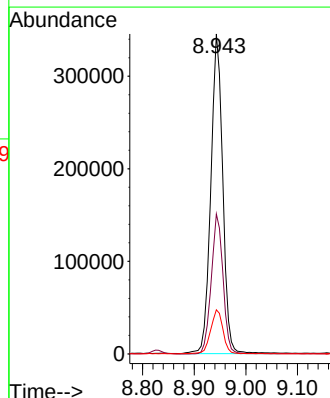
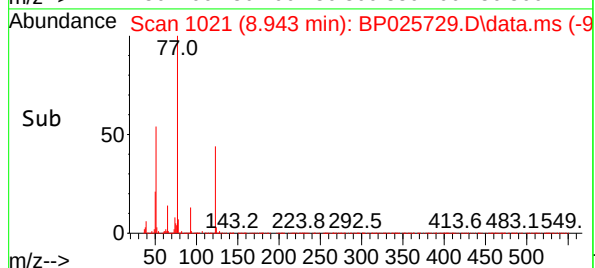
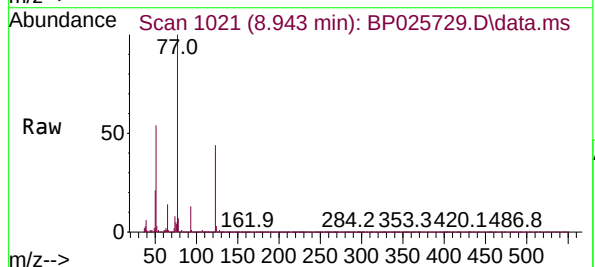
Manual Integrations  
APPROVED

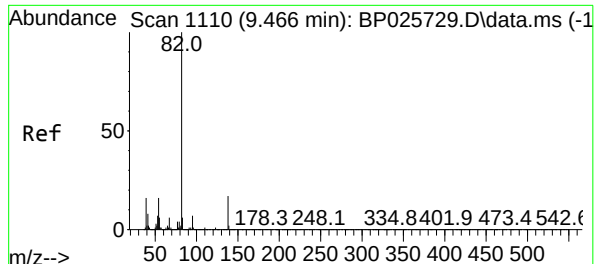
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#24  
Nitrobenzene  
Concen: 44.142 ng  
RT: 8.943 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

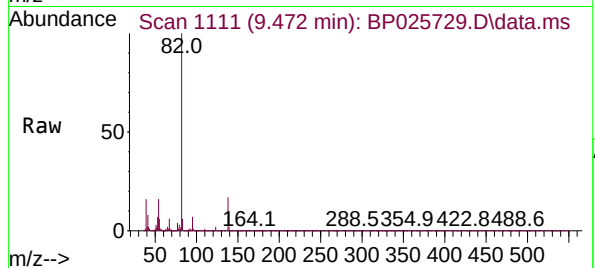
Tgt Ion: 77 Resp: 554186  
Ion Ratio Lower Upper  
77 100  
123 43.7 34.4 51.6  
65 13.8 10.8 16.2





#25  
Isophorone  
Concen: 43.173 ng  
RT: 9.472 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

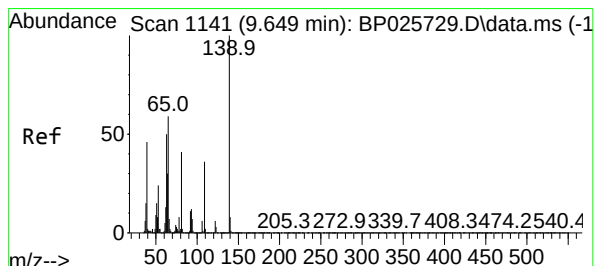
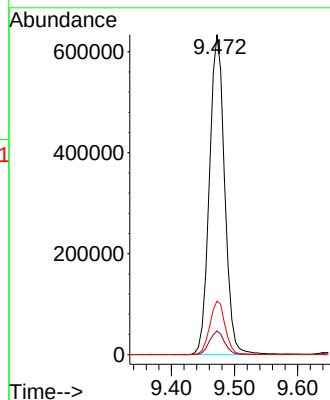
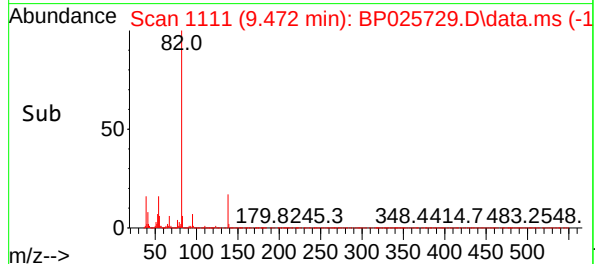
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



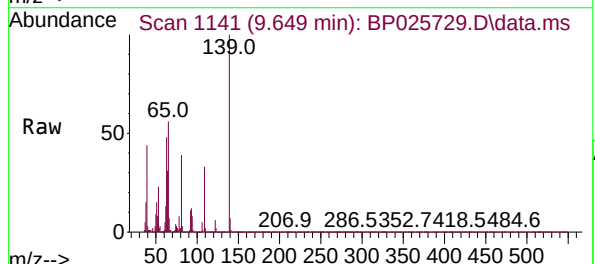
Tgt Ion: 82 Resp: 1061978  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.8 8.8  
138 16.7 13.5 20.3

Manual Integrations  
APPROVED

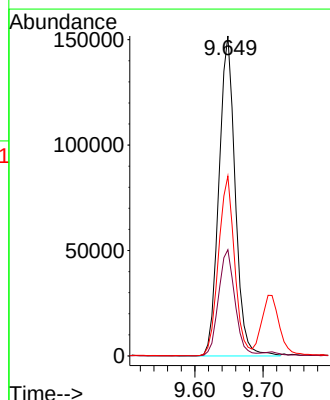
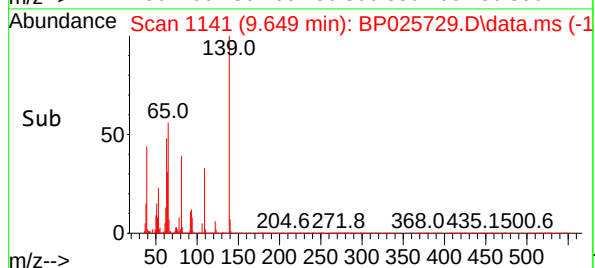
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

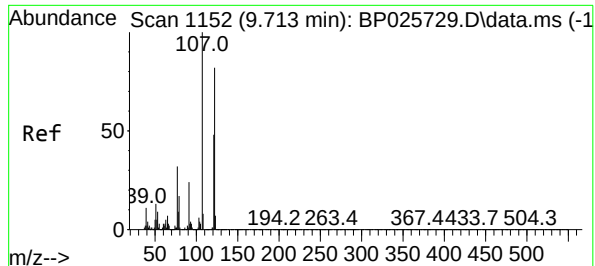


#26  
2-Nitrophenol  
Concen: 44.885 ng  
RT: 9.649 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21



Tgt Ion:139 Resp: 250189  
Ion Ratio Lower Upper  
139 100  
109 33.2 29.0 43.4  
65 56.2 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 44.957 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

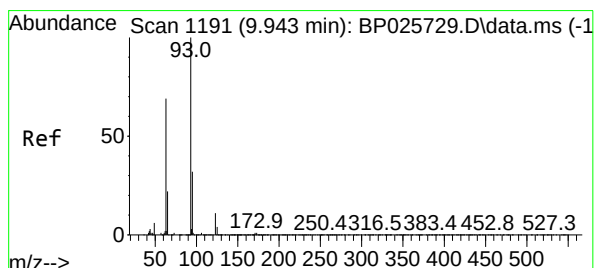
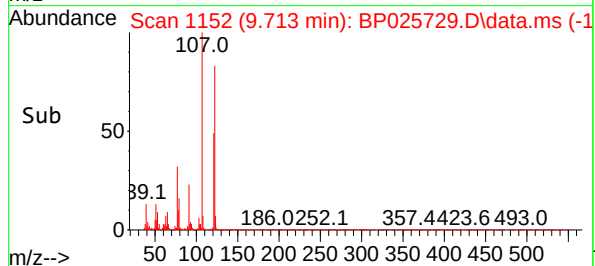
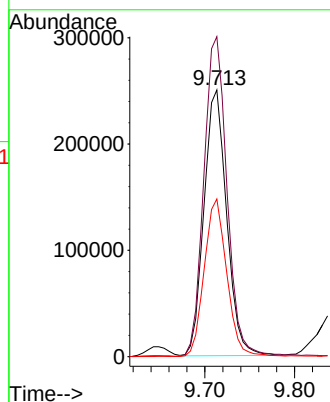
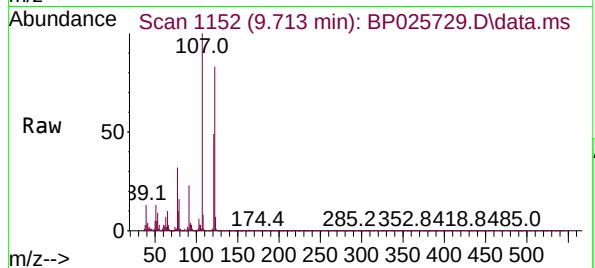
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 439626 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 107      | 120.0 | 97.9  | 146.9  |
| 121      | 59.1  | 47.4  | 71.0   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.278 ng

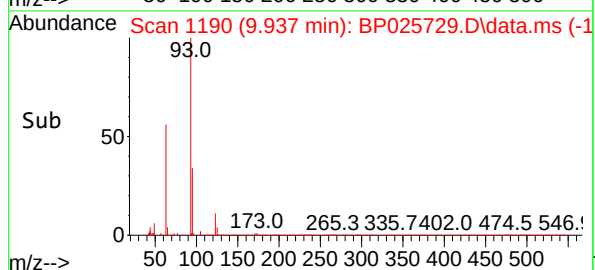
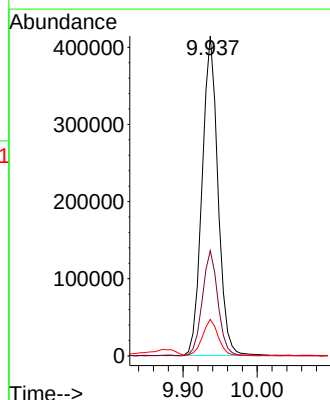
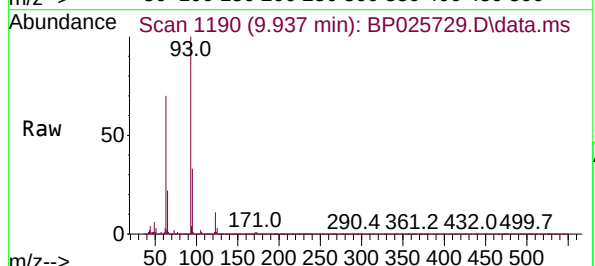
RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

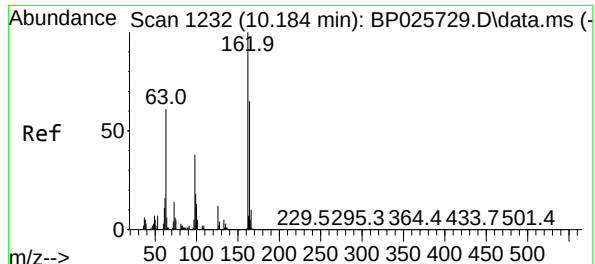
Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 615359 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 32.9  | 25.6  | 38.4   |
| 123      | 11.4  | 9.2   | 13.8   |







#29

2,4-Dichlorophenol

Concen: 44.201 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 430954

Ion Ratio Lower Upper

162 100

164 65.1 44.7 84.7

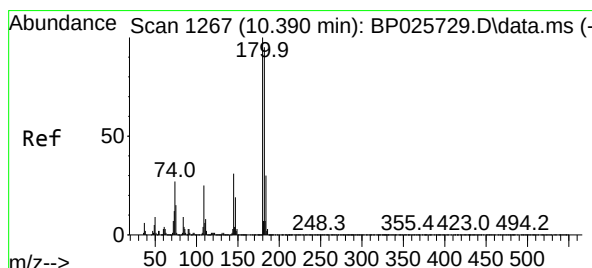
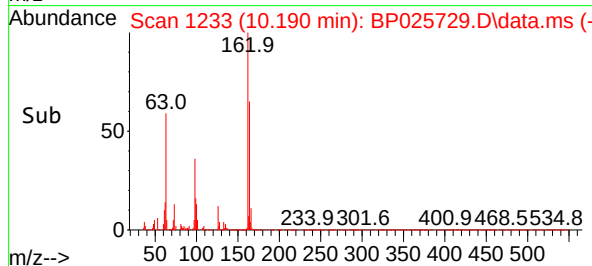
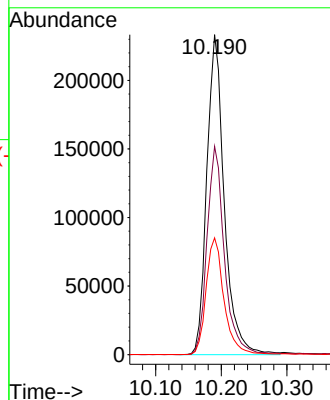
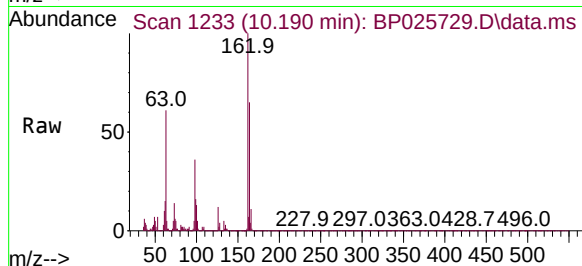
98 36.5 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.499 ng

RT: 10.396 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

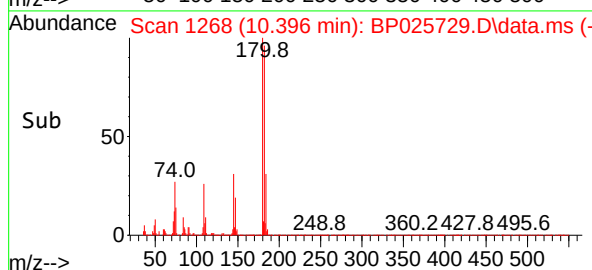
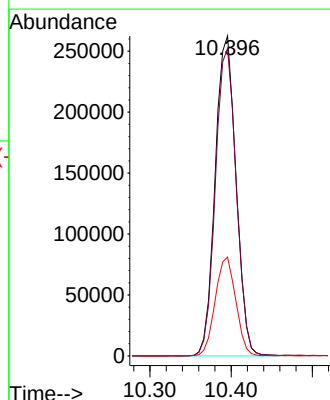
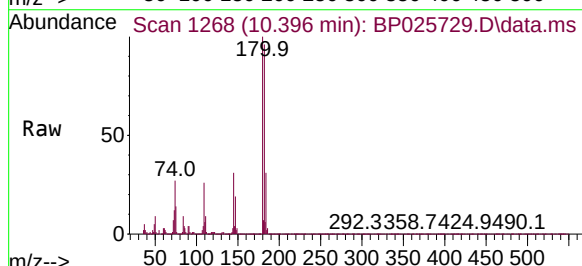
Tgt Ion:180 Resp: 466981

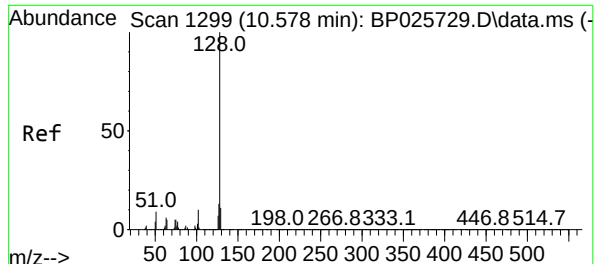
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

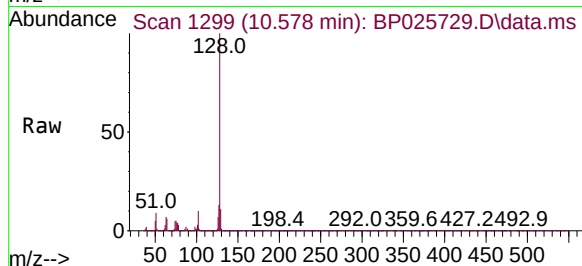
145 30.9 24.7 37.1





#31  
Naphthalene  
Concen: 42.548 ng  
RT: 10.578 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

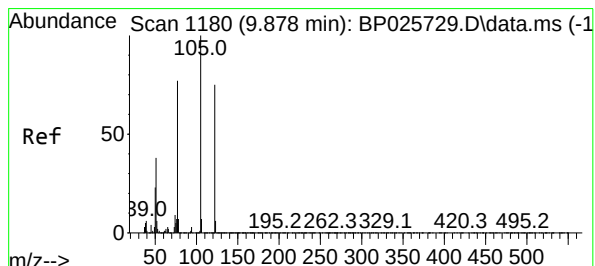
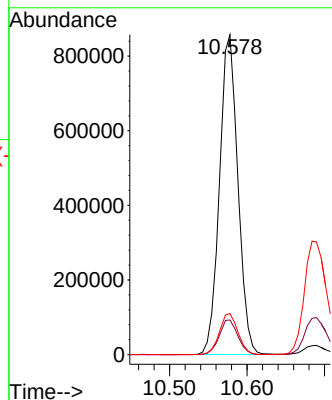
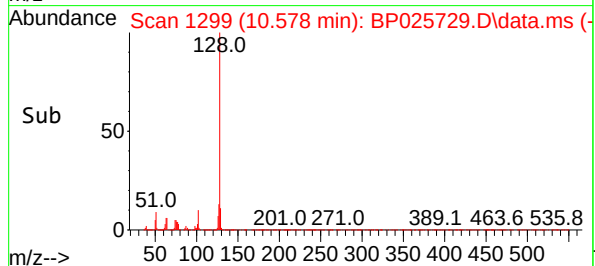
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:128 Resp: 1416256  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 12.8  
127 12.8 10.2 15.4

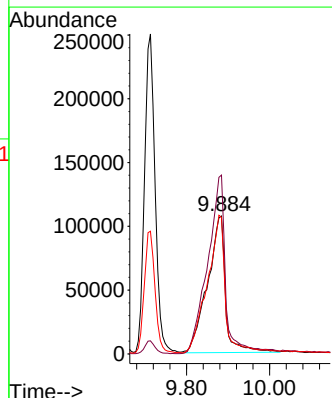
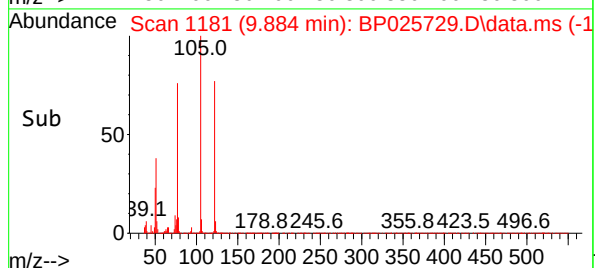
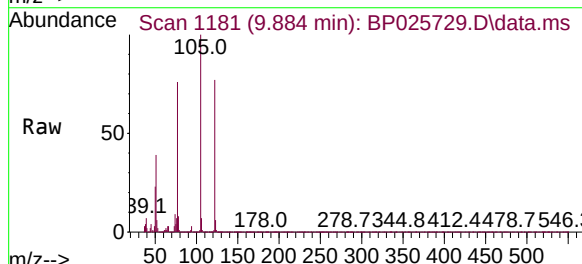
Manual Integrations  
APPROVED

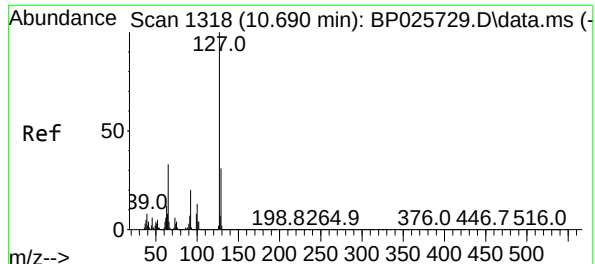
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#32  
Benzoic acid  
Concen: 44.337 ng  
RT: 9.884 min Scan# 1181  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

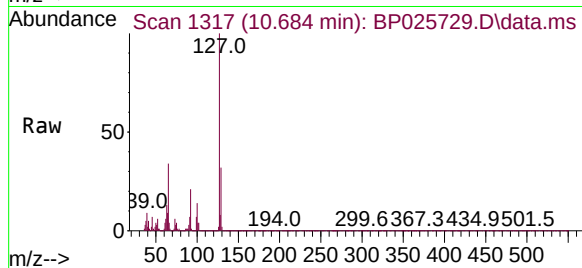
Tgt Ion:122 Resp: 322344  
Ion Ratio Lower Upper  
122 100  
105 129.7 111.5 151.5  
77 99.1 81.8 121.8





#33  
4-Chloroaniline  
Concen: 45.380 ng  
RT: 10.684 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

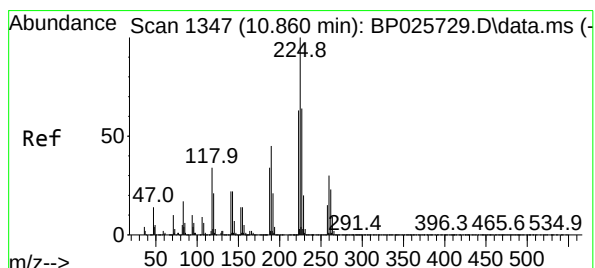
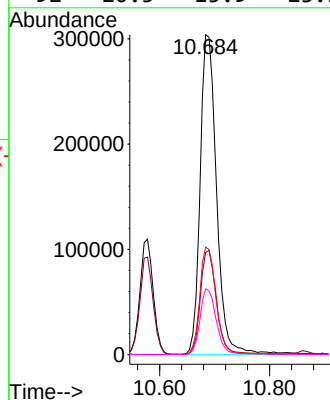
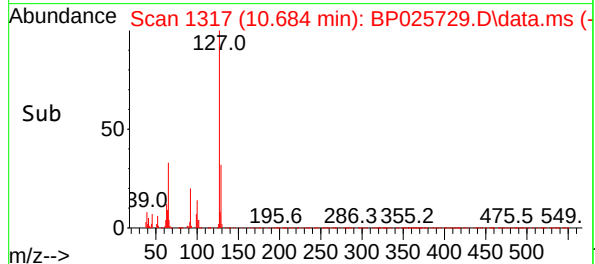
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:127 Resp: 629600  
Ion Ratio Lower Upper  
127 100  
129 31.9 25.1 37.7  
65 33.6 26.4 39.6  
92 20.5 15.9 23.9

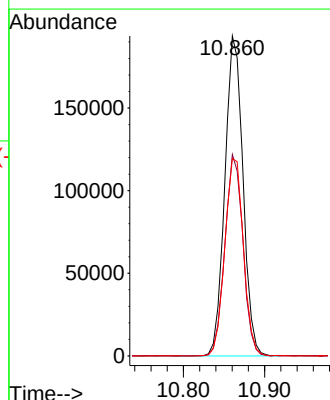
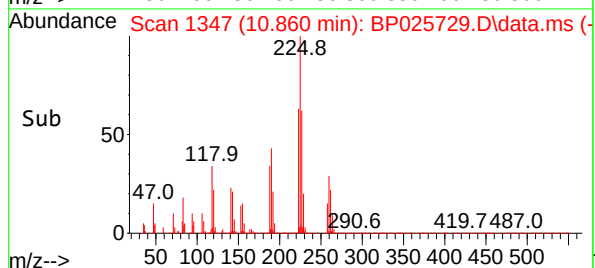
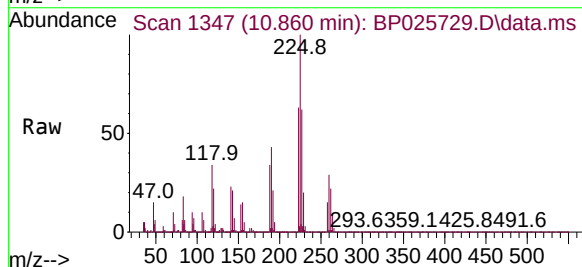
Manual Integrations  
APPROVED

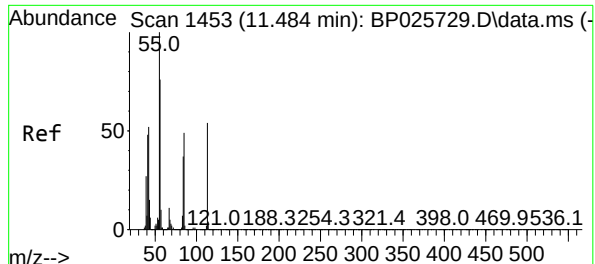
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#34  
Hexachlorobutadiene  
Concen: 42.296 ng  
RT: 10.860 min Scan# 1347  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

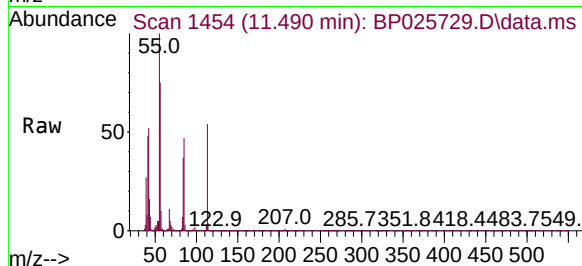
Tgt Ion:225 Resp: 299180  
Ion Ratio Lower Upper  
225 100  
223 62.9 50.1 75.1  
227 61.7 51.2 76.8





#35  
Caprolactam  
Concen: 43.455 ng  
RT: 11.490 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

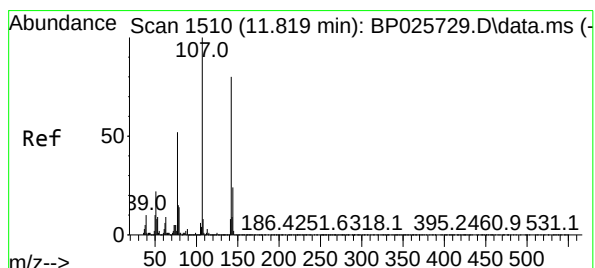
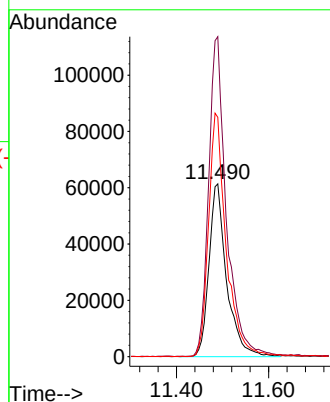
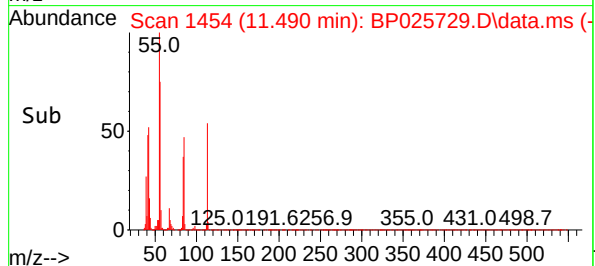
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:113 Resp: 162983  
Ion Ratio Lower Upper  
113 100  
55 185.3 165.5 205.5  
56 138.5 121.1 161.1

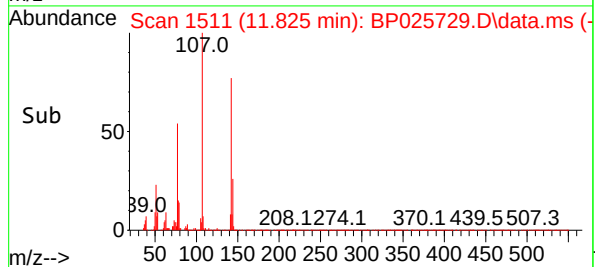
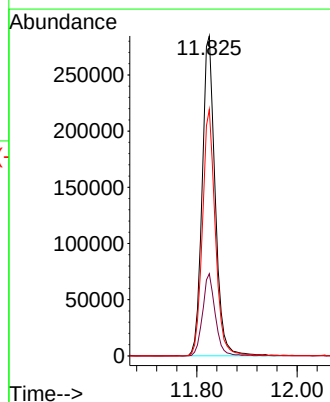
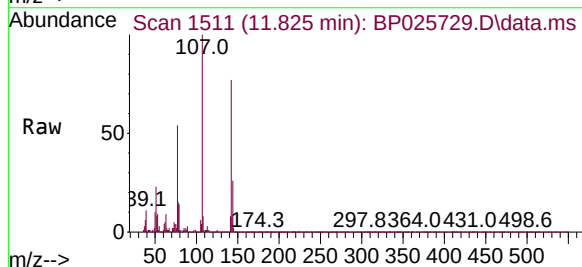
Manual Integrations  
APPROVED

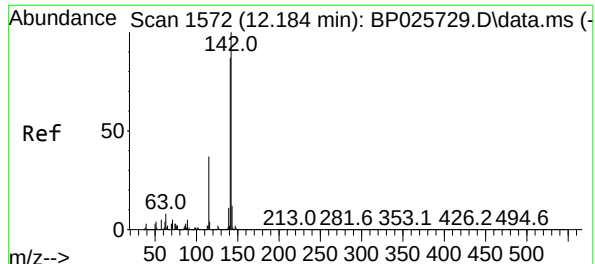
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#36  
4-Chloro-3-methylphenol  
Concen: 44.012 ng  
RT: 11.825 min Scan# 1511  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion:107 Resp: 511595  
Ion Ratio Lower Upper  
107 100  
144 25.7 19.4 29.2  
142 77.1 63.8 95.6





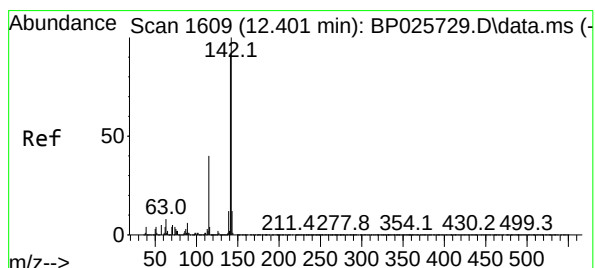
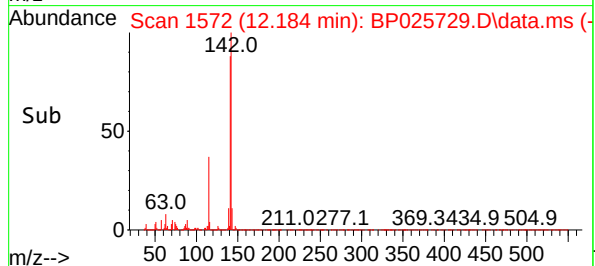
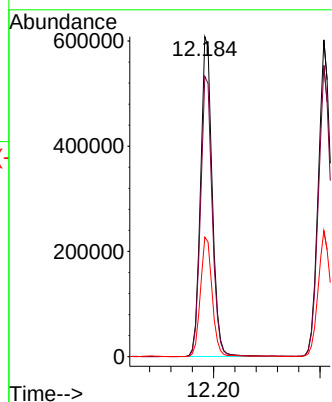
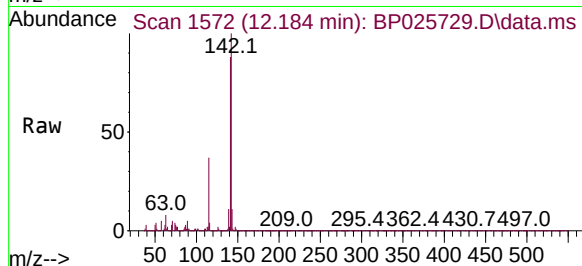
#37  
2-Methylnaphthalene  
Concen: 43.164 ng  
RT: 12.184 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Instrument :  
BNA\_P  
Client Sample Id :  
SSTDICCC040

Tgt Ion:142 Resp: 922799  
Ion Ratio Lower Upper  
142 100  
141 87.6 69.6 104.4  
115 37.3 30.0 45.0

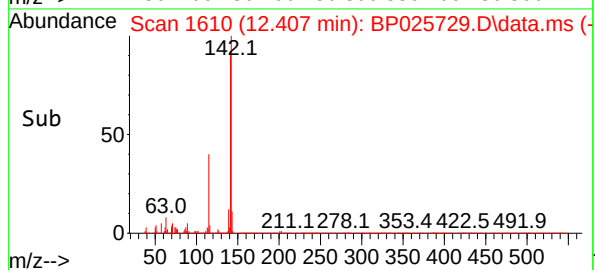
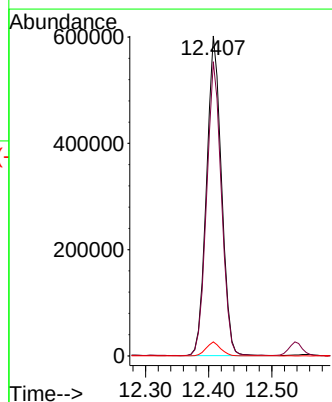
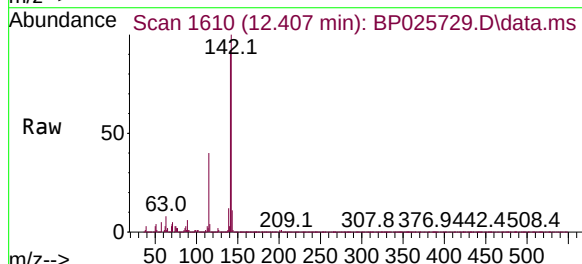
Manual Integrations  
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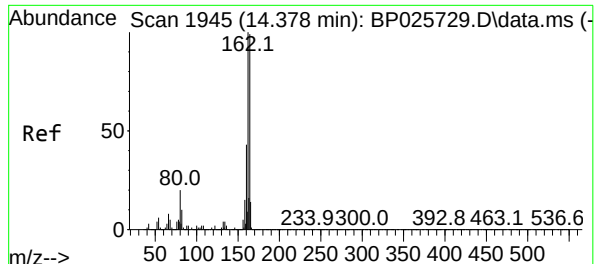
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#38  
1-Methylnaphthalene  
Concen: 43.302 ng  
RT: 12.407 min Scan# 1610  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

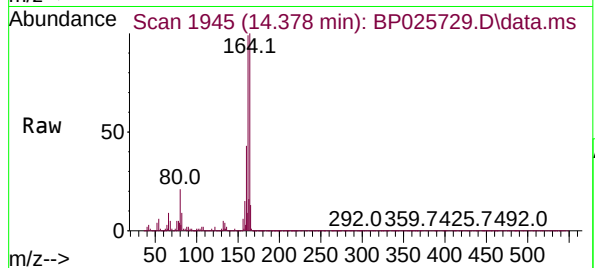
Tgt Ion:142 Resp: 987208  
Ion Ratio Lower Upper  
142 100  
141 91.9 72.7 109.1  
116 4.4 3.5 5.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.378 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

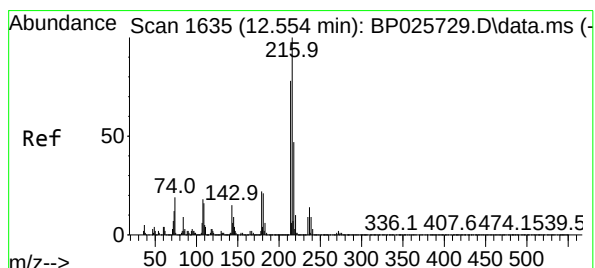
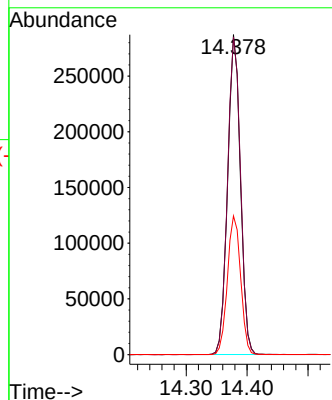
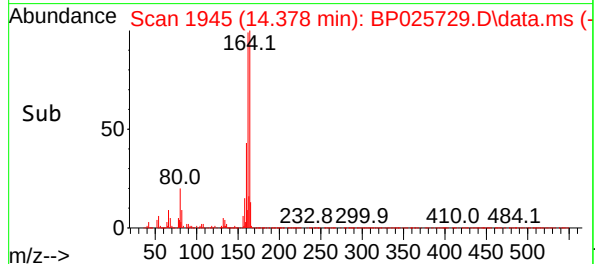
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



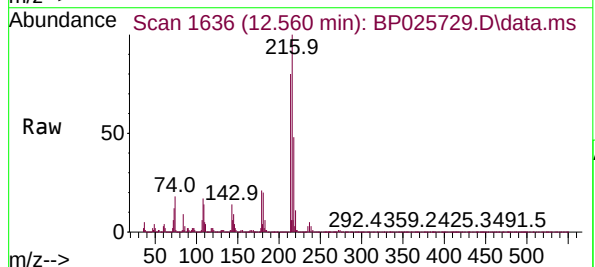
Tgt Ion:164 Resp: 41812  
Ion Ratio Lower Upper  
164 100  
162 99.3 80.6 120.8  
160 43.3 35.0 52.6

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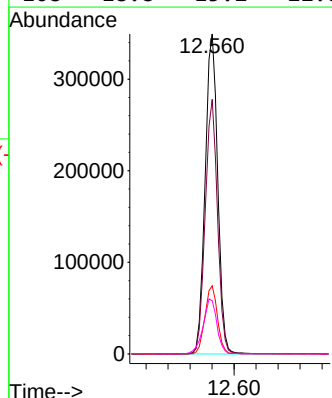
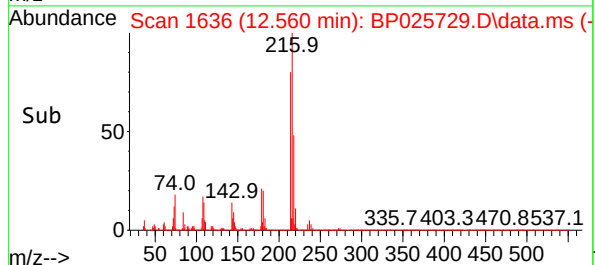
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

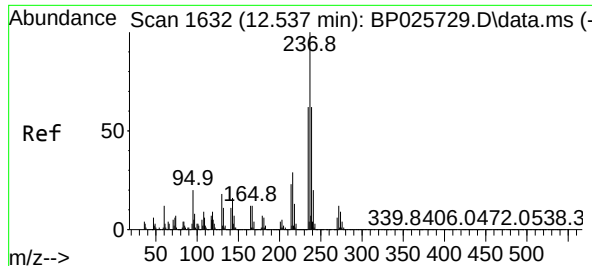


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.550 ng  
RT: 12.560 min Scan# 1636  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21



Tgt Ion:216 Resp: 551785  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.4 93.6  
179 21.3 17.0 25.6  
108 18.8 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 46.055 ng

RT: 12.537 min Scan# 10

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:237 Resp: 31781

Ion Ratio Lower Upper

237 100

235 62.4 41.9 81.9

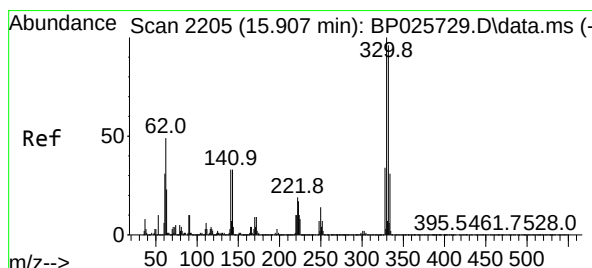
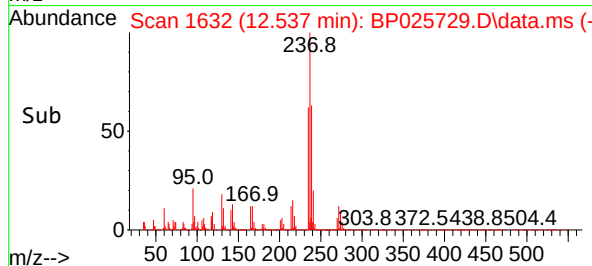
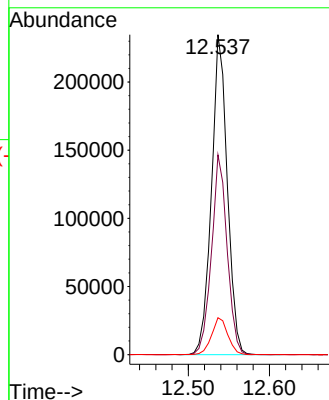
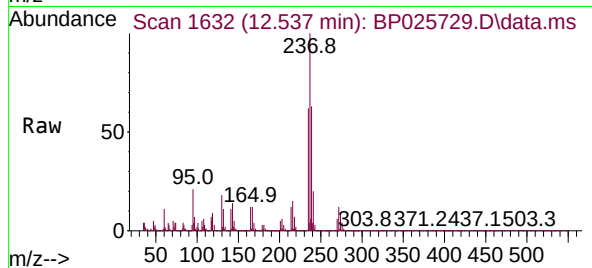
272 11.5 0.0 31.8

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#42

2,4,6-Tribromophenol

Concen: 88.699 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

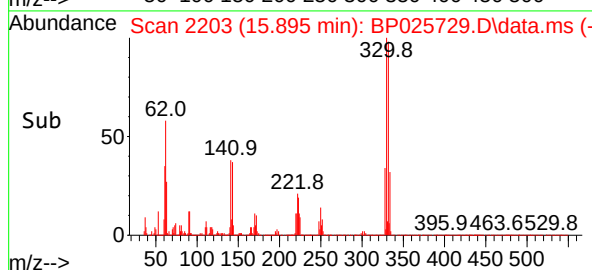
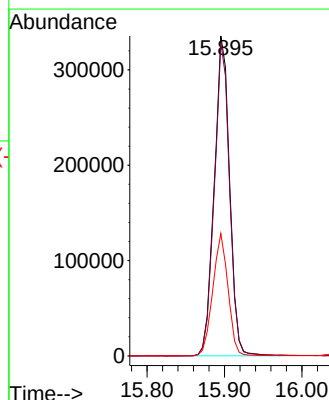
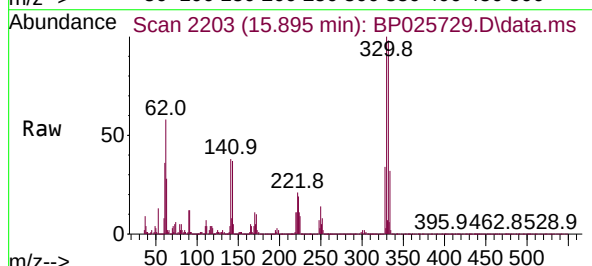
Tgt Ion:330 Resp: 462583

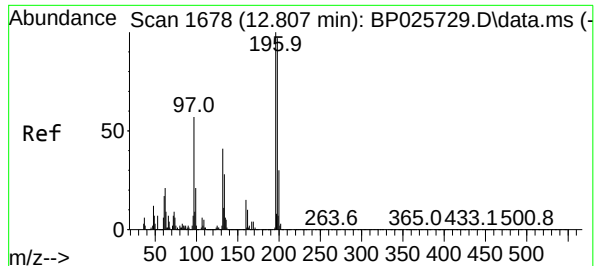
Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 38.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.726 ng

RT: 12.801 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 372542

Ion Ratio Lower Upper

196 100

198 97.7 77.2 115.8

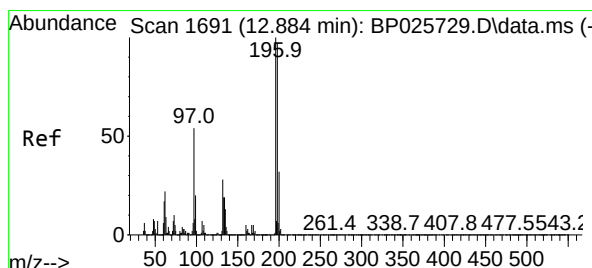
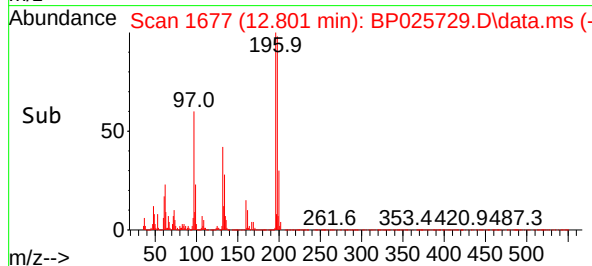
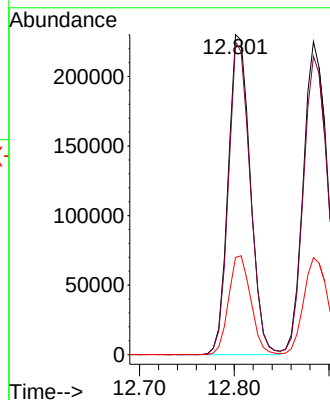
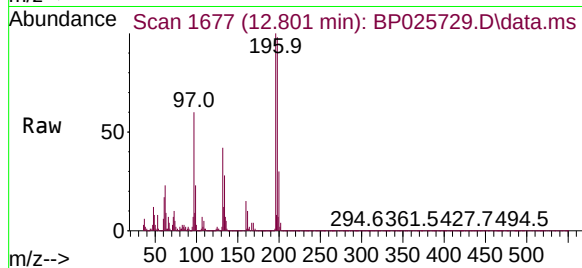
200 30.4 24.2 36.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 45.167 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Tgt Ion:196 Resp: 418700

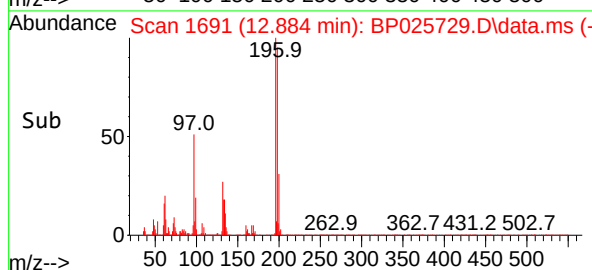
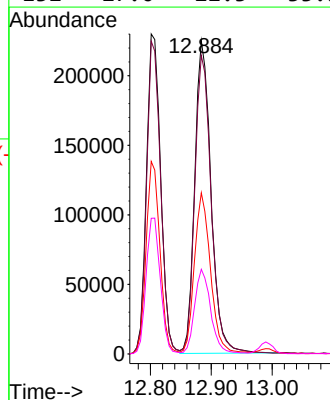
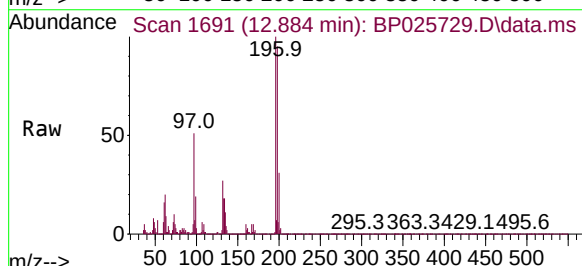
Ion Ratio Lower Upper

196 100

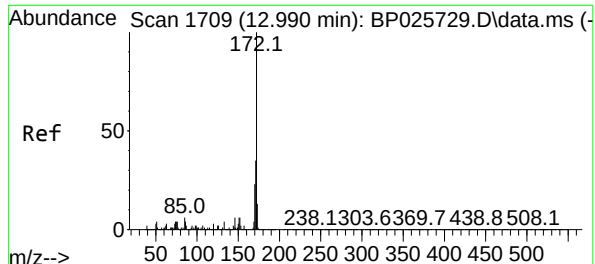
198 95.3 77.8 116.8

97 51.4 43.3 64.9

132 27.0 22.3 33.5

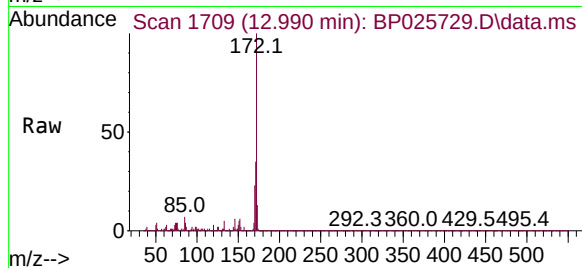






#45  
2-Fluorobiphenyl  
Concen: 85.008 ng  
RT: 12.990 min Scan# 1709  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

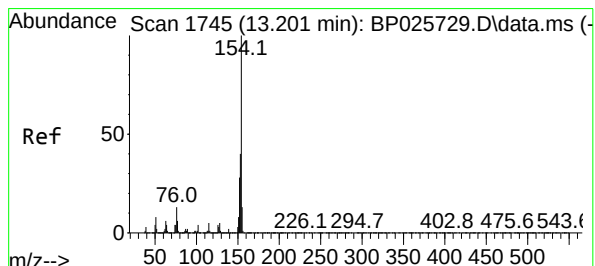
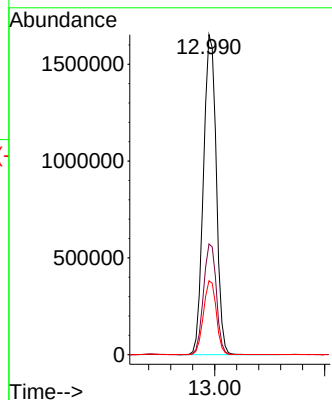
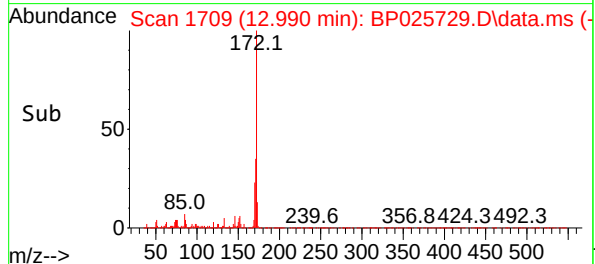
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



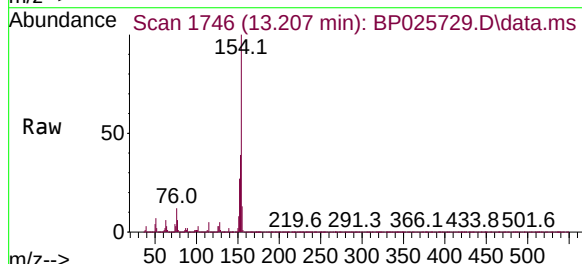
Tgt Ion:172 Resp: 2669440  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.6  
170 23.1 18.6 27.8

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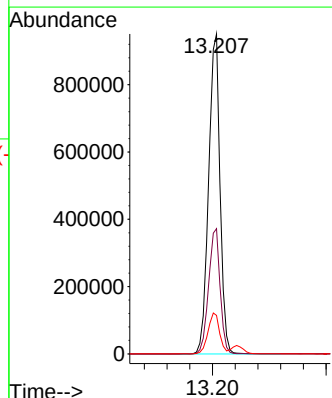
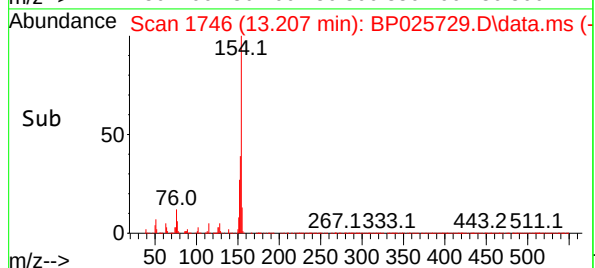
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

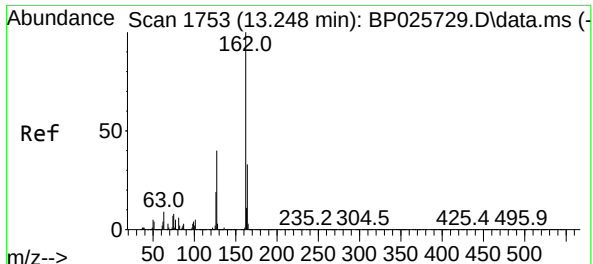


#46  
1,1'-Biphenyl  
Concen: 43.254 ng  
RT: 13.207 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21



Tgt Ion:154 Resp: 1327491  
Ion Ratio Lower Upper  
154 100  
153 39.1 19.7 59.7  
76 12.0 0.0 33.3





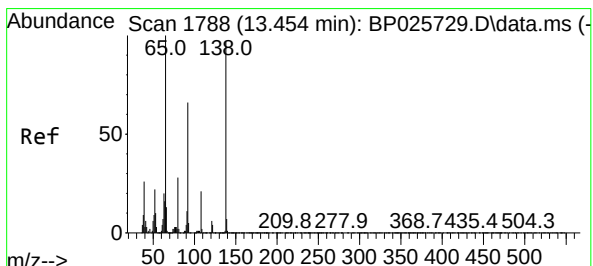
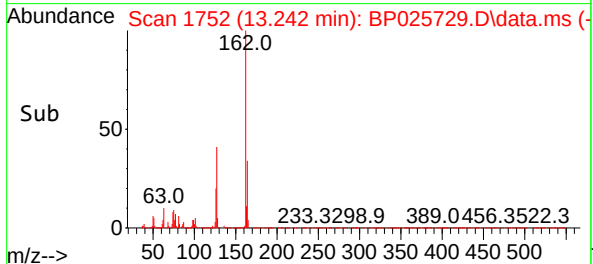
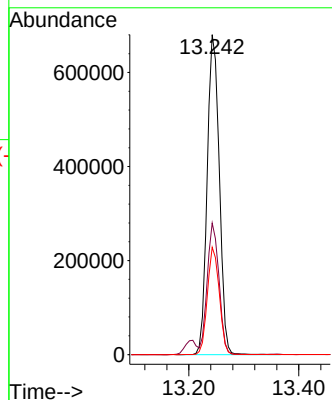
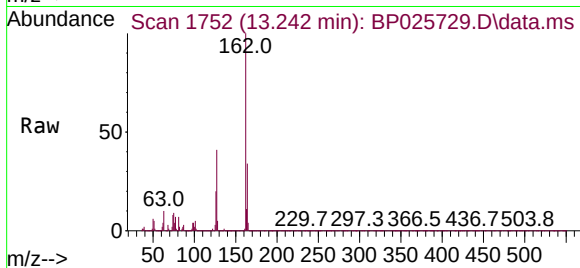
#47  
2-Chloronaphthalene  
Concen: 42.913 ng  
RT: 13.242 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

Tgt Ion:162 Resp: 1037016  
Ion Ratio Lower Upper  
162 100  
127 41.1 32.2 48.4  
164 33.5 26.5 39.7

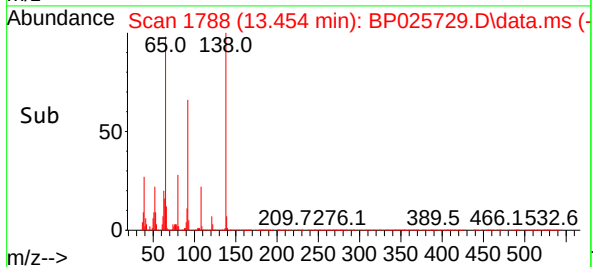
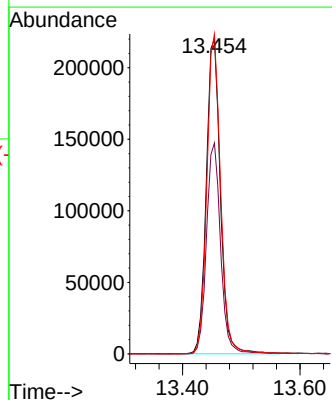
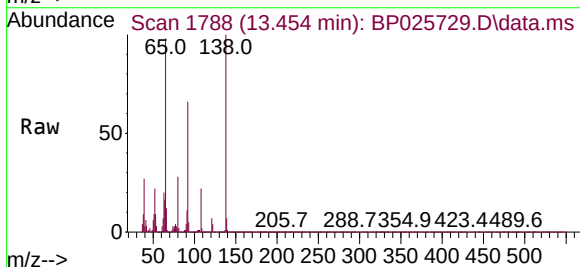
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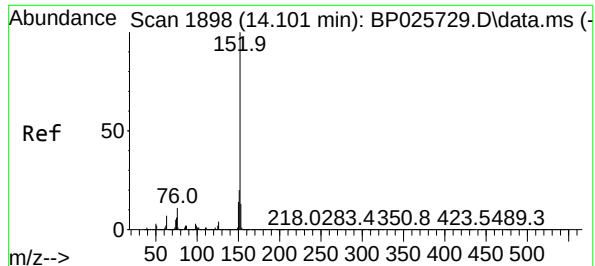
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#48  
2-Nitroaniline  
Concen: 45.547 ng  
RT: 13.454 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion: 65 Resp: 366901  
Ion Ratio Lower Upper  
65 100  
92 67.1 53.1 79.7  
138 101.8 77.8 116.8





#49

Acenaphthylene

Concen: 42.987 ng

RT: 14.101 min Scan# 1898

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 1721169

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

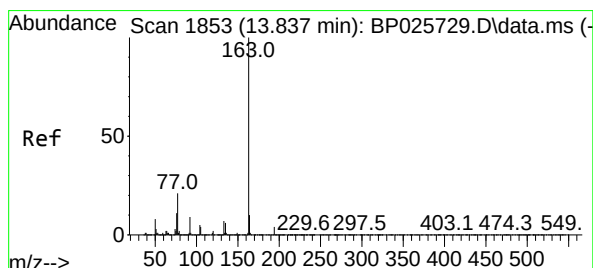
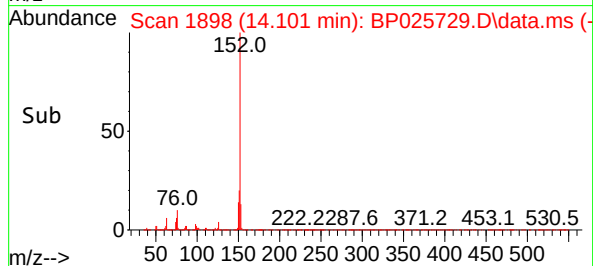
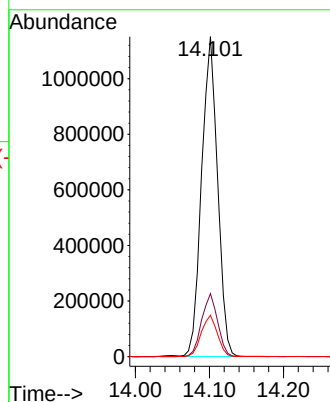
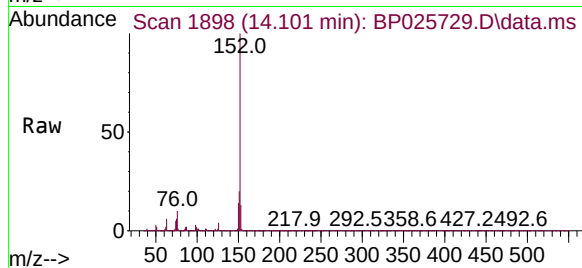
153 12.9 10.5 15.7

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 43.460 ng

RT: 13.837 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

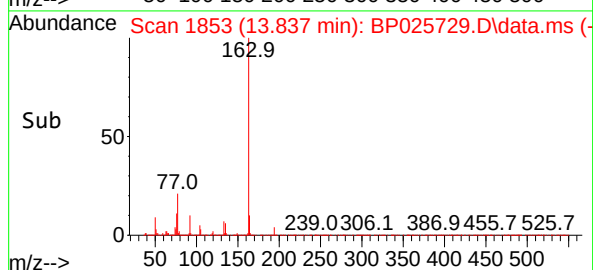
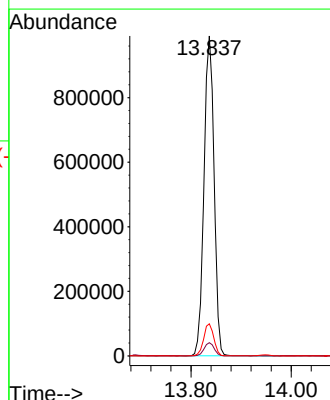
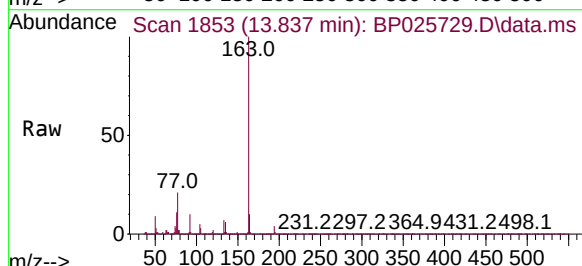
Tgt Ion:163 Resp: 1387323

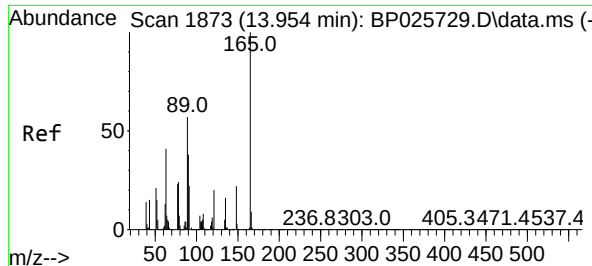
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.0 8.2 12.2





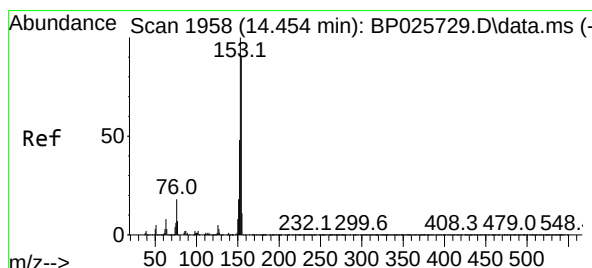
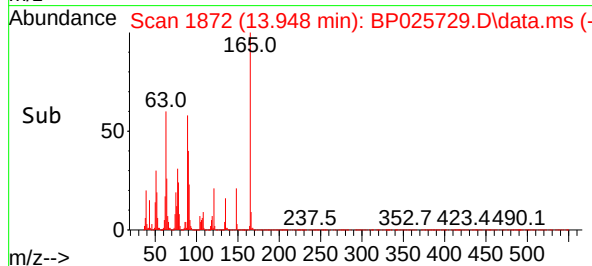
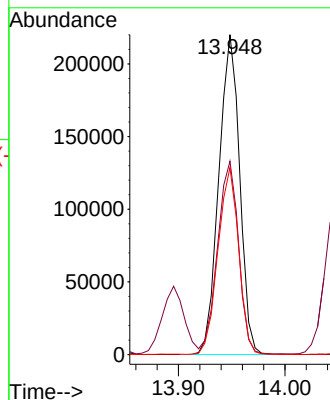
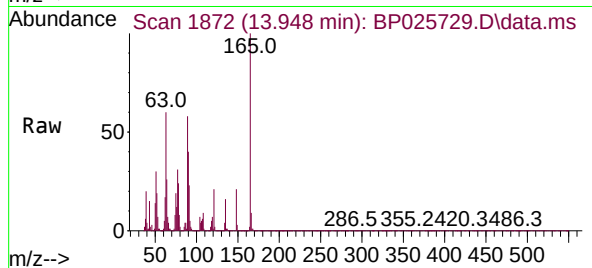
#51  
2,6-Dinitrotoluene  
Concen: 44.293 ng  
RT: 13.948 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

Tgt Ion:165 Resp: 299565  
Ion Ratio Lower Upper  
165 100  
63 60.4 48.1 72.1  
89 58.5 45.4 68.0

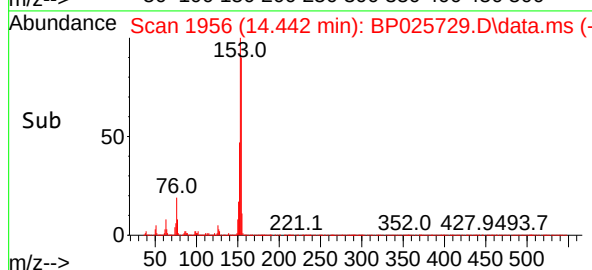
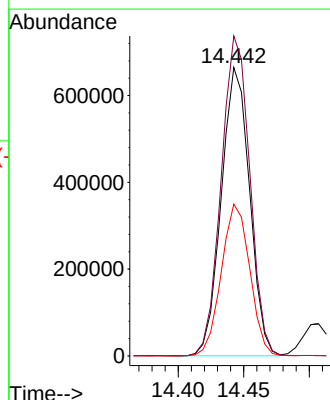
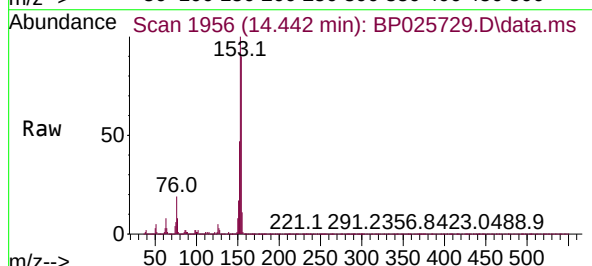
Manual Integrations  
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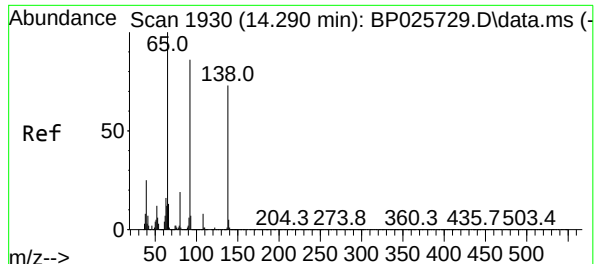
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#52  
Acenaphthene  
Concen: 43.262 ng  
RT: 14.442 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

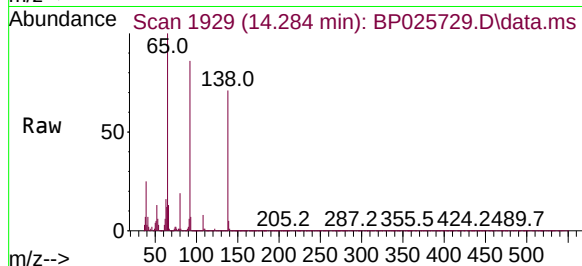
Tgt Ion:154 Resp: 998942  
Ion Ratio Lower Upper  
154 100  
153 111.0 89.4 134.0  
152 52.6 42.5 63.7





#53  
3-Nitroaniline  
Concen: 46.320 ng  
RT: 14.284 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

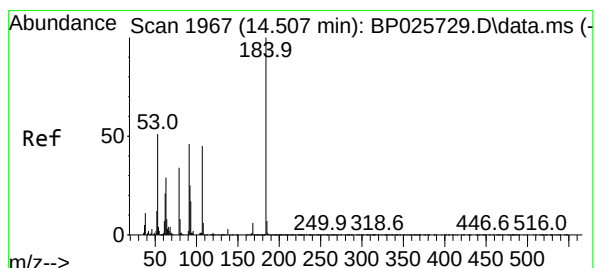
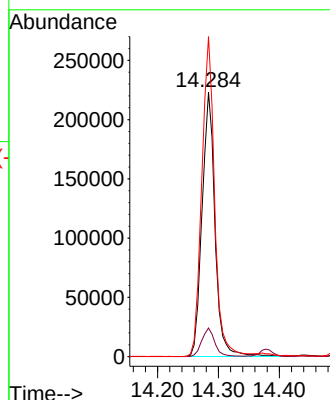
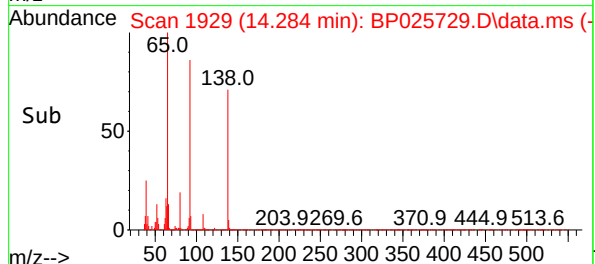
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:138 Resp: 329431  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.7 13.1  
92 121.1 94.6 142.0

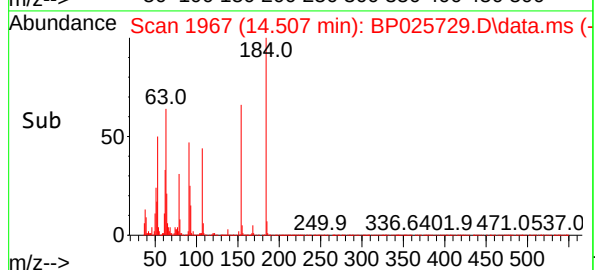
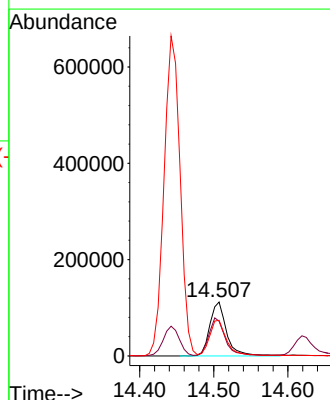
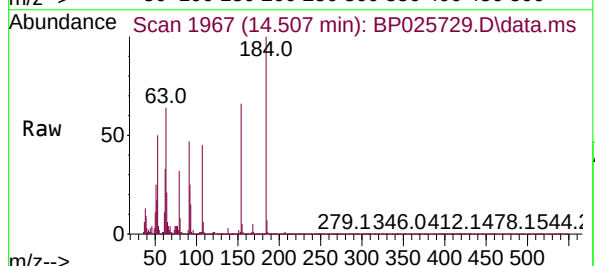
Manual Integrations  
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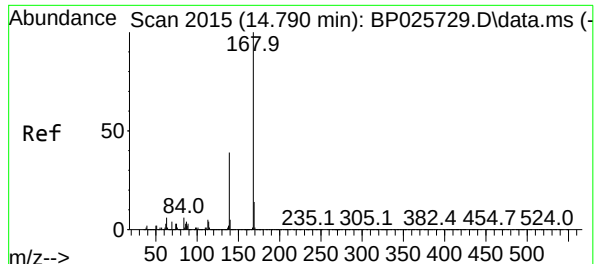
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#54  
2,4-Dinitrophenol  
Concen: 42.110 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

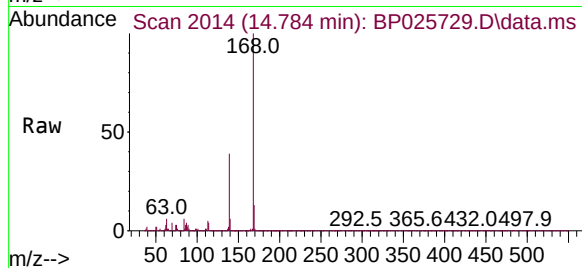
Tgt Ion:184 Resp: 174477  
Ion Ratio Lower Upper  
184 100  
63 64.2 52.5 78.7  
154 66.1 51.5 77.3





#55  
Dibenzofuran  
Concen: 42.712 ng  
RT: 14.784 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

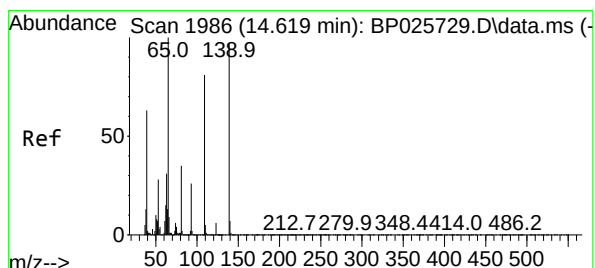
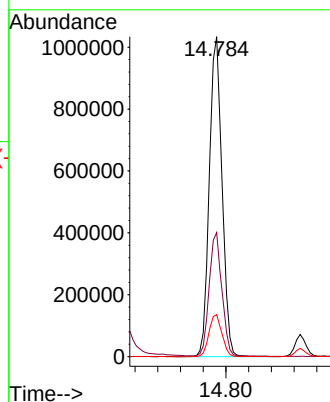
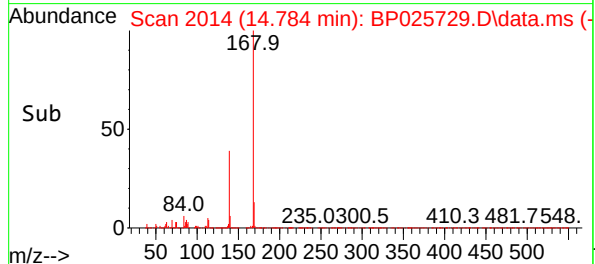
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:168 Resp: 160741  
Ion Ratio Lower Upper  
168 100  
139 38.8 31.7 47.5  
169 13.1 10.8 16.2

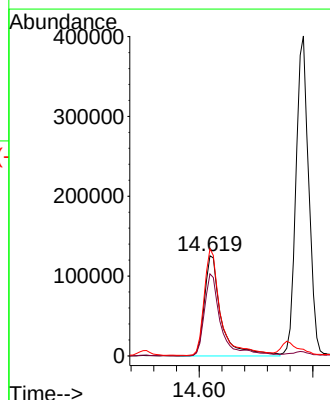
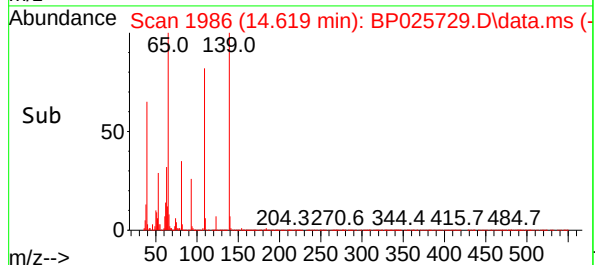
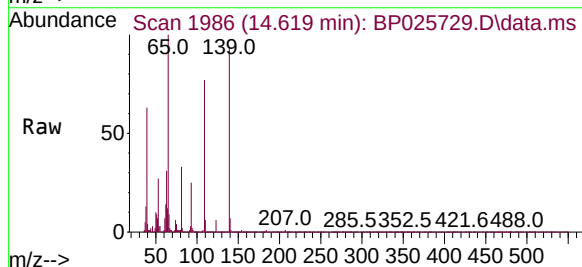
Manual Integrations  
APPROVED

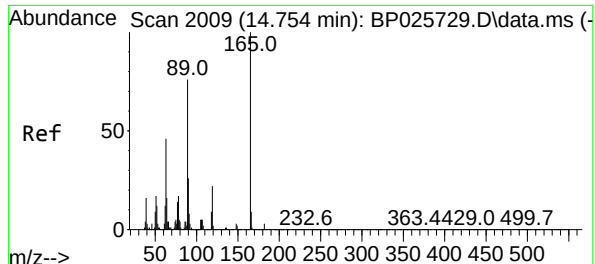
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#56  
4-Nitrophenol  
Concen: 44.044 ng  
RT: 14.619 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion:139 Resp: 256685  
Ion Ratio Lower Upper  
139 100  
109 82.0 62.9 102.9  
65 107.0 83.4 123.4





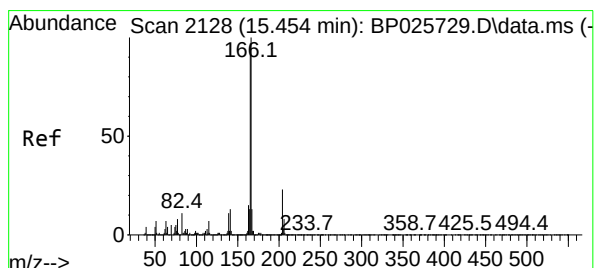
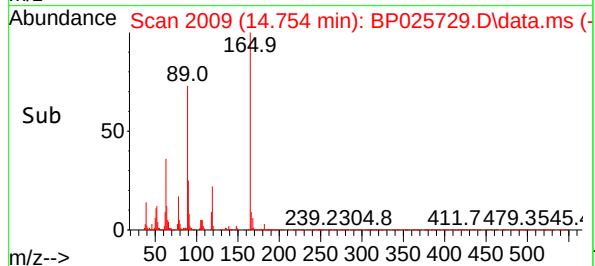
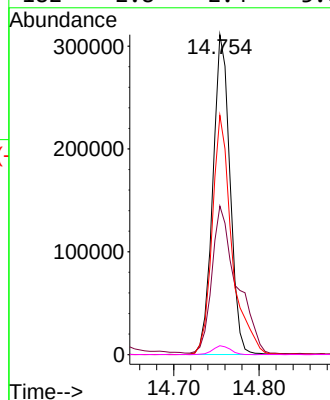
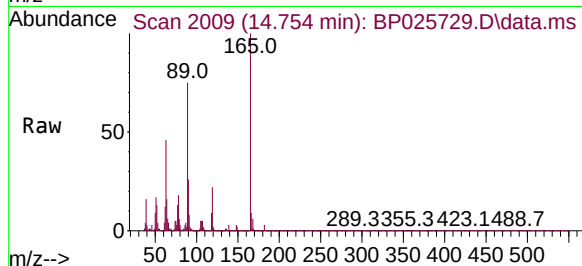
#57  
2,4-Dinitrotoluene  
Concen: 45.264 ng  
RT: 14.754 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040

Tgt Ion:165 Resp: 435664  
Ion Ratio Lower Upper  
165 100  
63 46.4 37.7 56.5  
89 74.8 61.0 91.6  
182 2.8 2.4 3.6

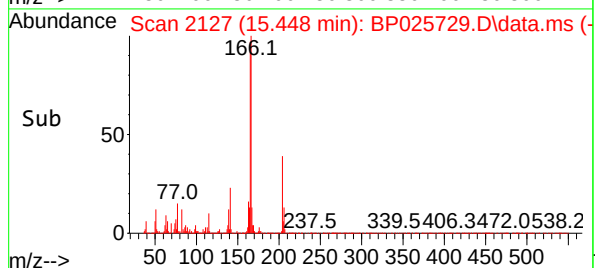
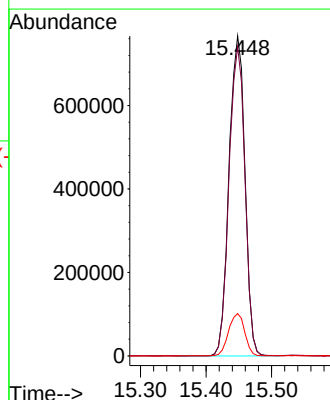
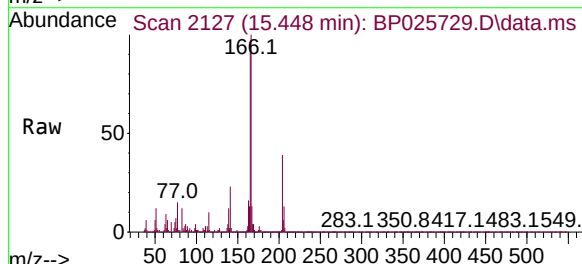
Manual Integrations  
APPROVED

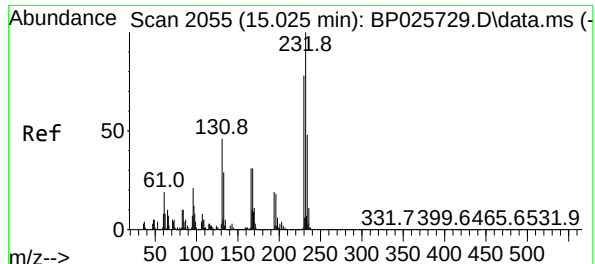
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#58  
Fluorene  
Concen: 43.194 ng  
RT: 15.448 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion:166 Resp: 1292575  
Ion Ratio Lower Upper  
166 100  
165 96.6 77.7 116.5  
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.710 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 373358

Ion Ratio Lower Upper

232 100

131 44.2 36.7 55.1

130 2.5 2.0 3.0

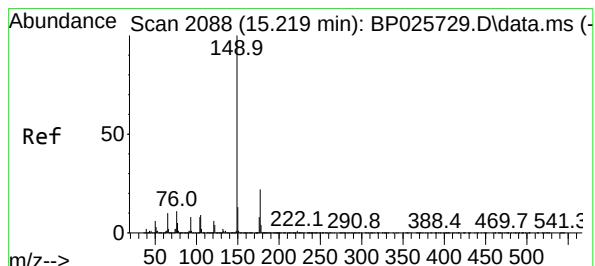
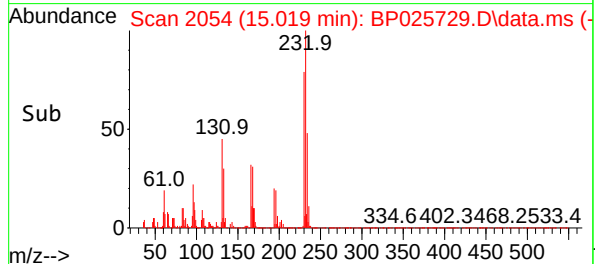
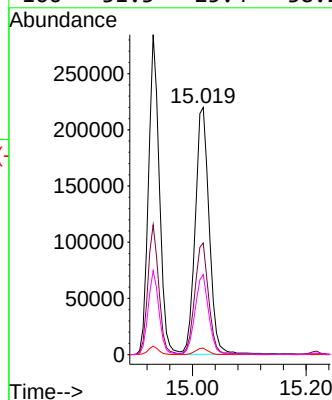
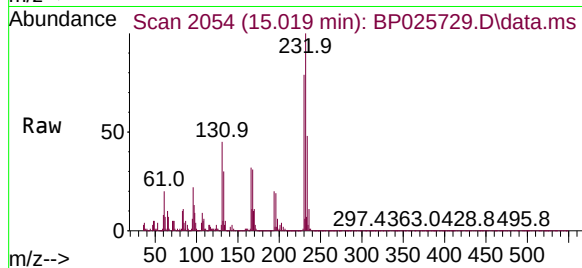
166 31.3 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 42.459 ng

RT: 15.219 min Scan# 2088

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

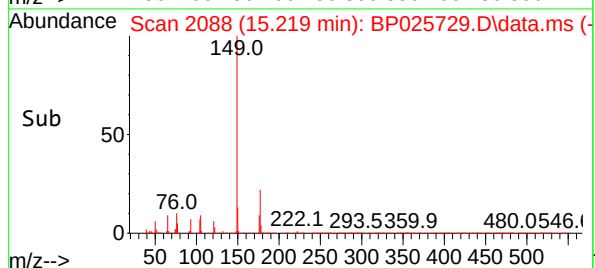
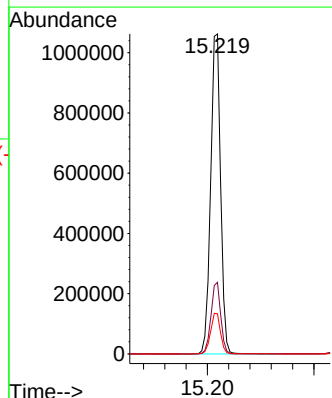
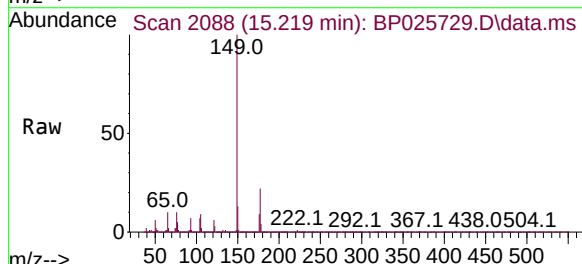
Tgt Ion:149 Resp: 1374845

Ion Ratio Lower Upper

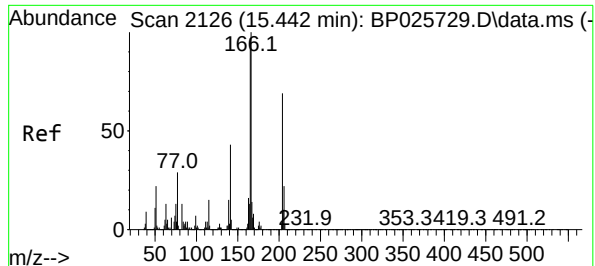
149 100

177 22.4 17.7 26.5

150 12.5 10.0 15.0

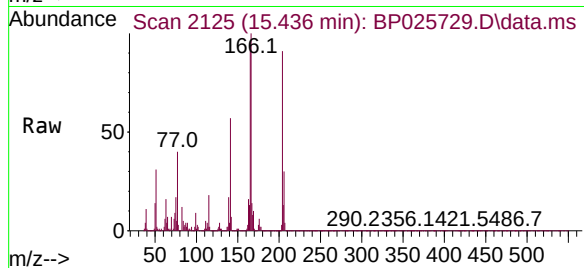






#61  
4-Chlorophenyl-phenylether  
Concen: 42.637 ng  
RT: 15.436 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

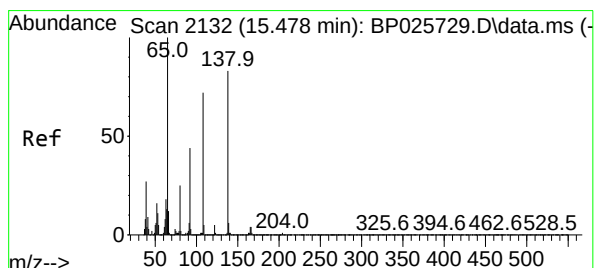
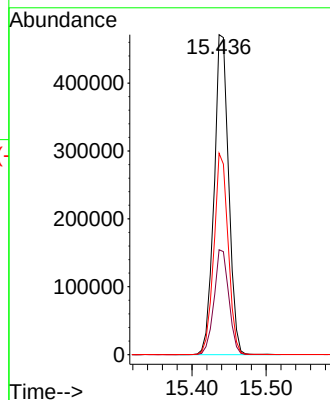
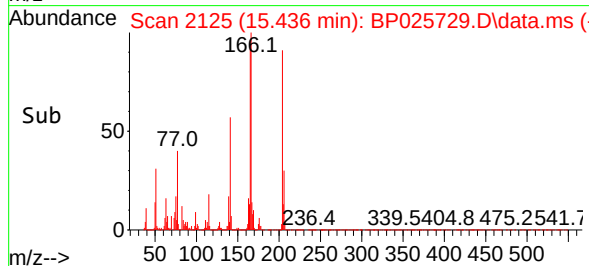
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:204 Resp: 643036  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.0 39.0  
141 62.9 49.7 74.5

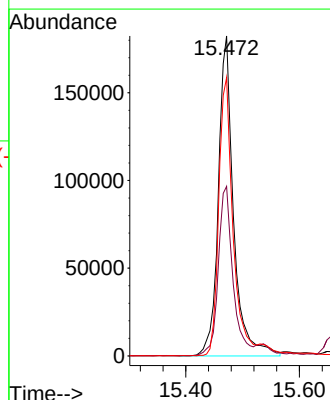
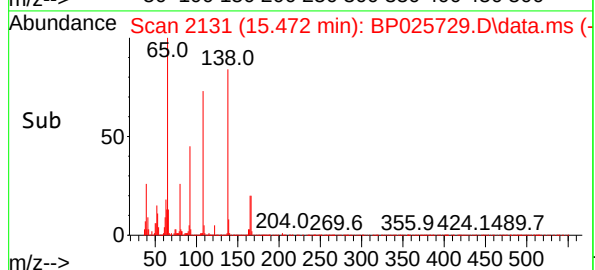
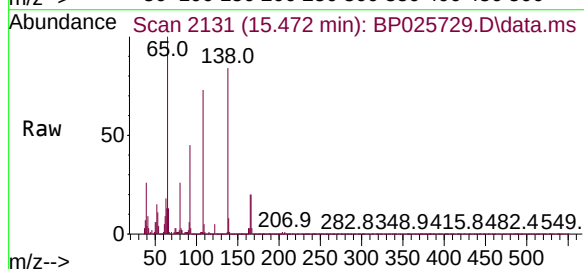
Manual Integrations  
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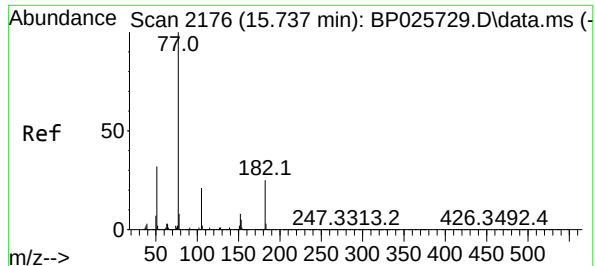
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#62  
4-Nitroaniline  
Concen: 46.442 ng  
RT: 15.472 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

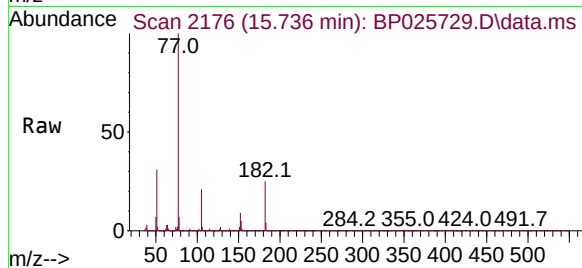
Tgt Ion:138 Resp: 338121  
Ion Ratio Lower Upper  
138 100  
92 53.0 33.3 73.3  
108 87.0 66.7 106.7





#63  
Azobenzene  
Concen: 43.872 ng  
RT: 15.736 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

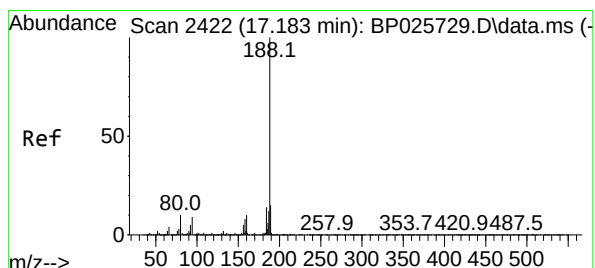
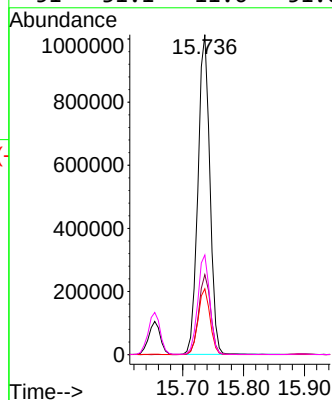
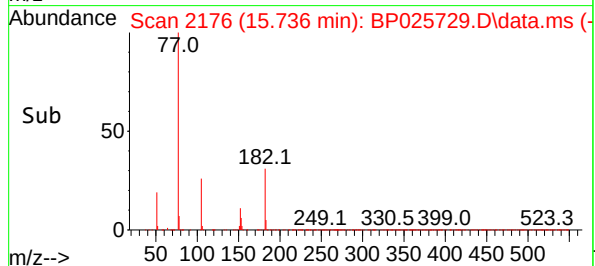
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 77 Resp: 1373602  
Ion Ratio Lower Upper  
77 100  
182 25.0 5.2 45.2  
105 20.6 1.1 41.1  
51 31.1 11.6 51.6

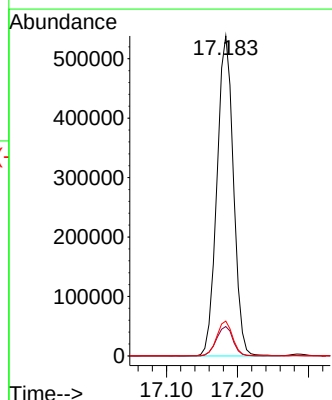
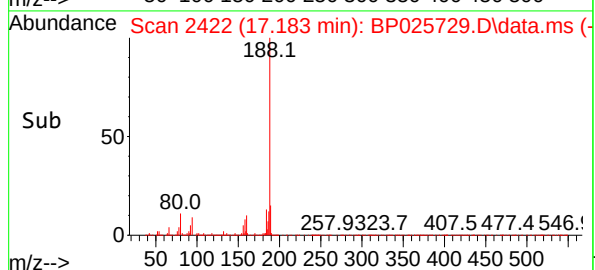
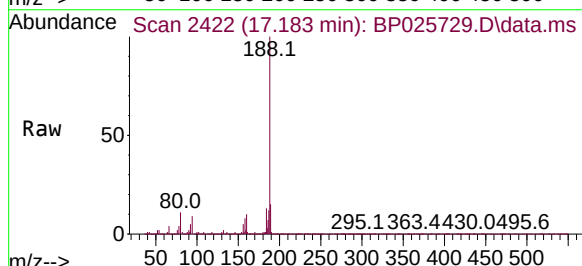
Manual Integrations  
APPROVED

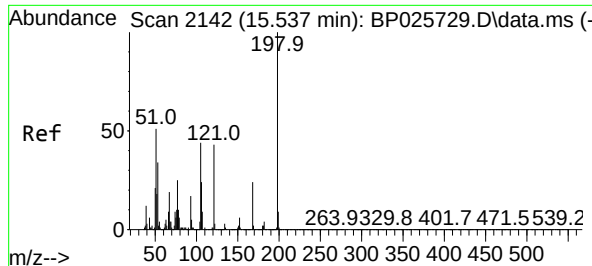
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.183 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion:188 Resp: 868840  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.4 11.0  
80 10.9 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 45.293 ng

RT: 15.536 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:198 Resp: 261709

Ion Ratio Lower Upper

198 100

51 47.5 33.4 73.4

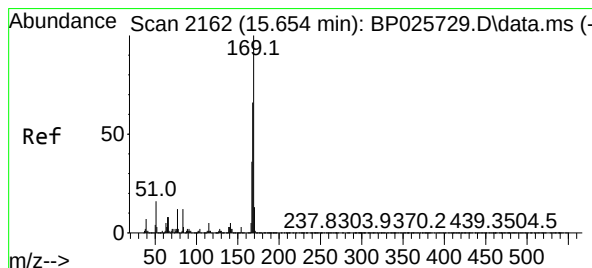
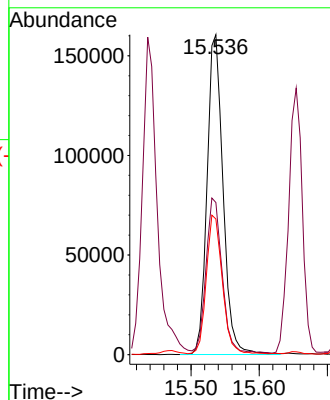
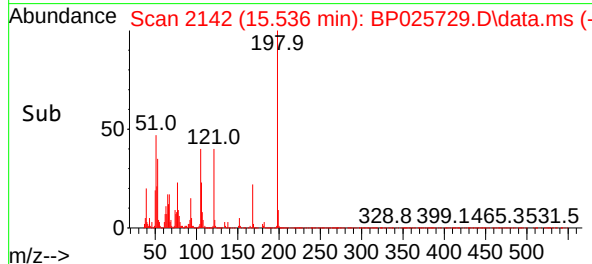
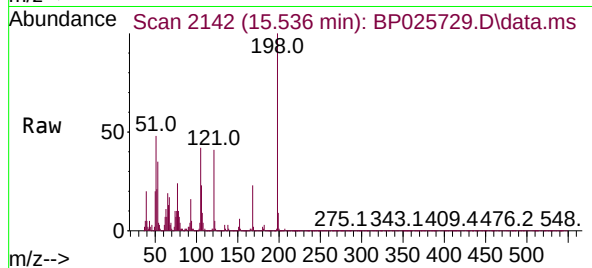
105 42.4 24.3 64.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 43.383 ng

RT: 15.654 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

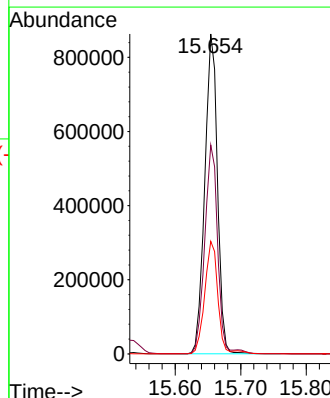
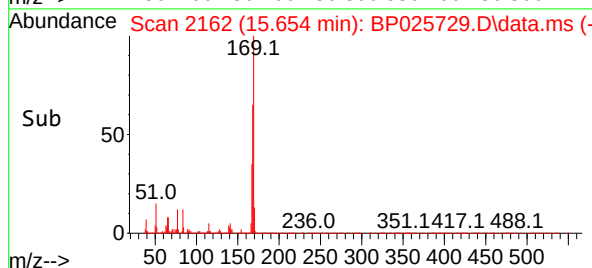
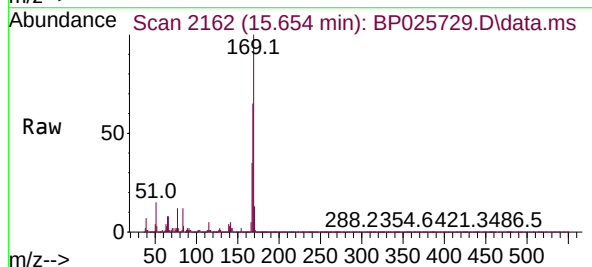
Tgt Ion:169 Resp: 1153503

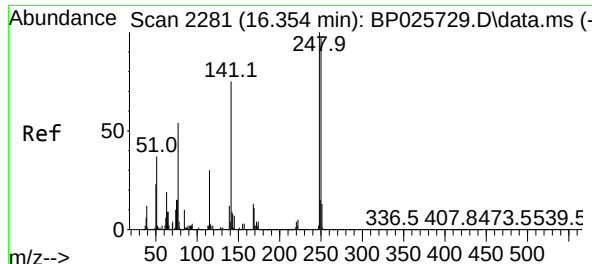
Ion Ratio Lower Upper

169 100

168 65.3 52.6 78.8

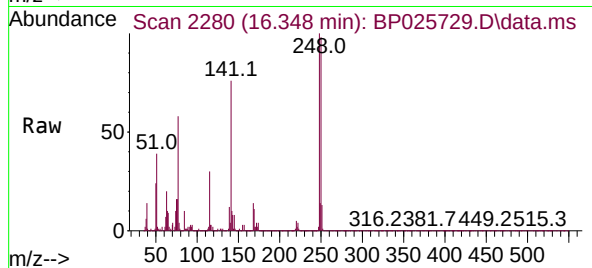
167 35.2 28.5 42.7





#67  
4-Bromophenyl-phenylether  
Concen: 43.298 ng  
RT: 16.348 min Scan# 2281  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

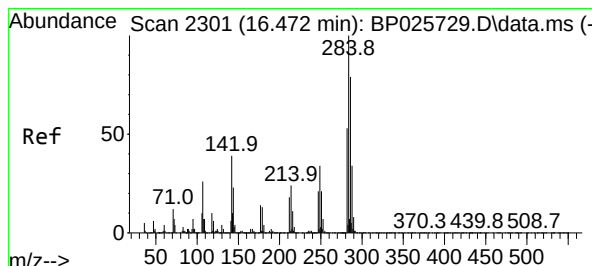
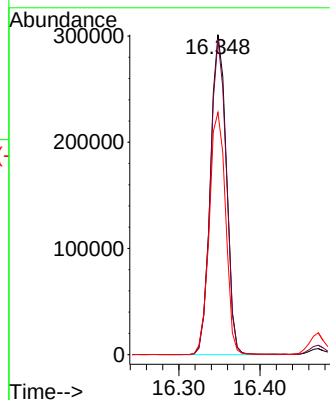
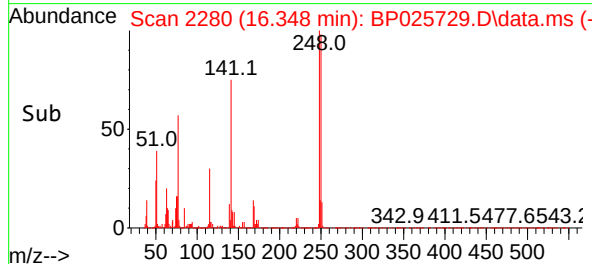
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:248 Resp: 413274  
Ion Ratio Lower Upper  
248 100  
250 98.4 77.5 116.3  
141 75.7 60.2 90.4

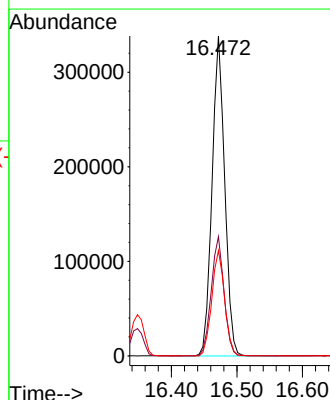
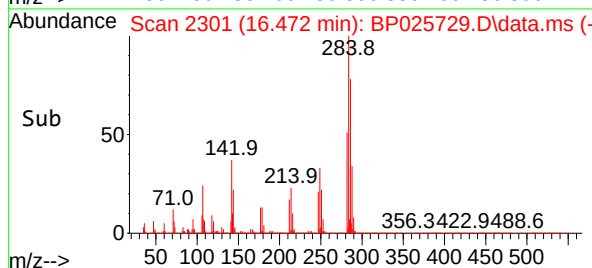
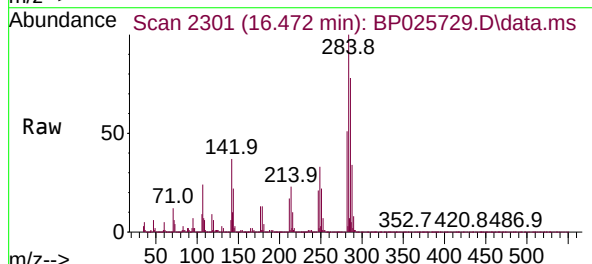
Manual Integrations  
APPROVED

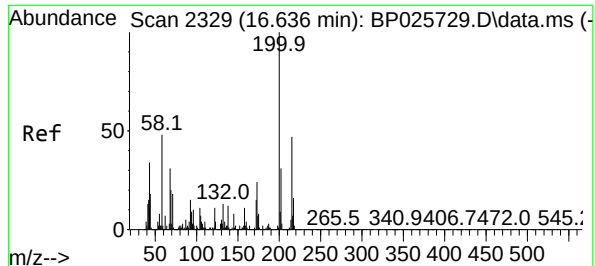
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#68  
Hexachlorobenzene  
Concen: 42.564 ng  
RT: 16.472 min Scan# 2301  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

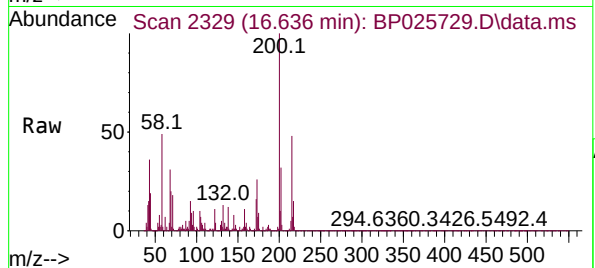
Tgt Ion:284 Resp: 453064  
Ion Ratio Lower Upper  
284 100  
142 37.3 31.3 46.9  
249 32.9 27.3 40.9





#69  
Atrazine  
Concen: 44.392 ng  
RT: 16.636 min Scan# 2329  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

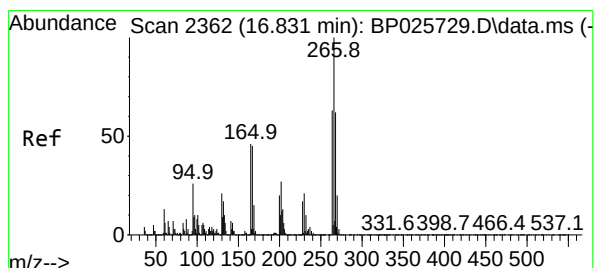
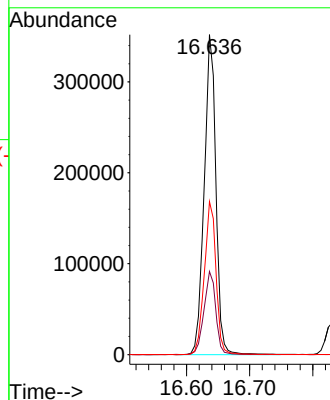
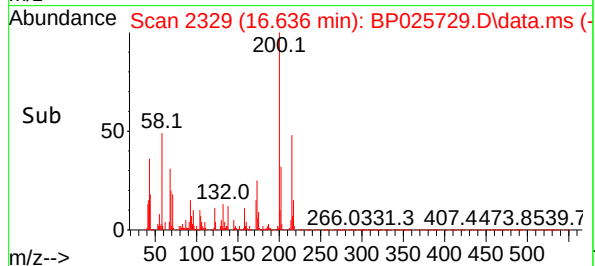
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:200 Resp: 451179  
Ion Ratio Lower Upper  
200 100  
173 26.0 4.2 44.2  
215 47.8 27.3 67.3

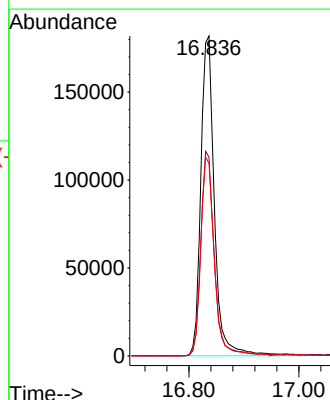
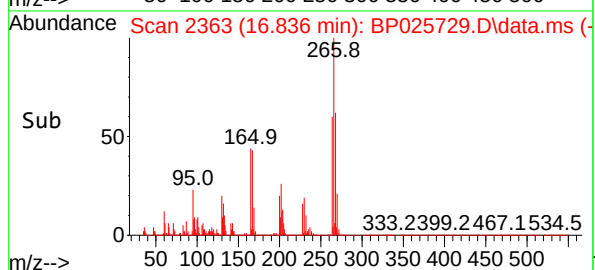
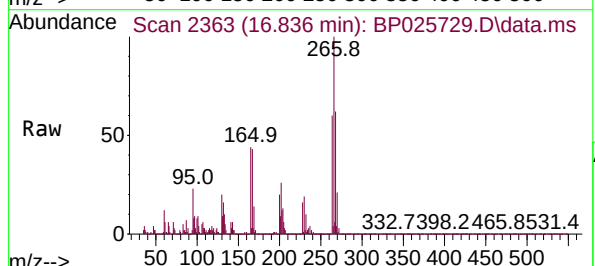
Manual Integrations  
APPROVED

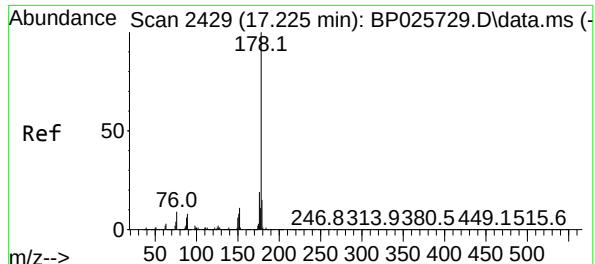
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#70  
Pentachlorophenol  
Concen: 44.297 ng  
RT: 16.836 min Scan# 2363  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

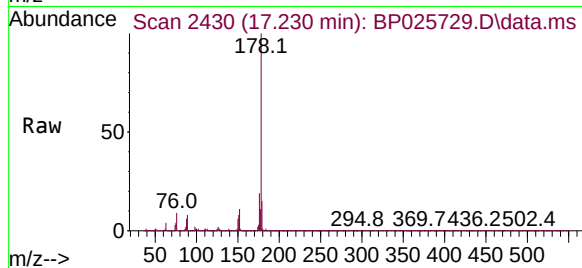
Tgt Ion:266 Resp: 311192  
Ion Ratio Lower Upper  
266 100  
268 62.1 49.8 74.8  
264 60.2 50.2 75.2





#71  
Phenanthrene  
Concen: 42.751 ng  
RT: 17.230 min Scan# 2429  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

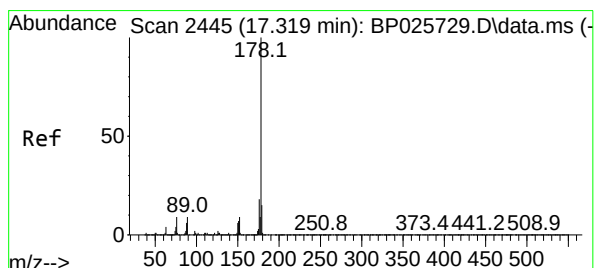
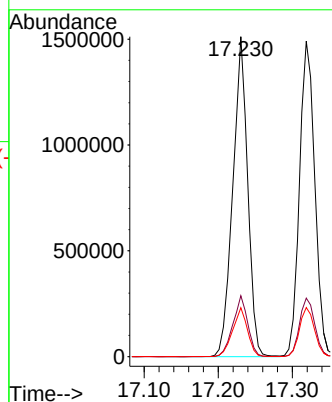
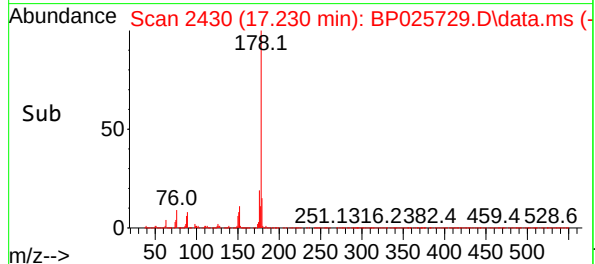
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:178 Resp: 2106998  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.2  
179 15.3 12.2 18.4

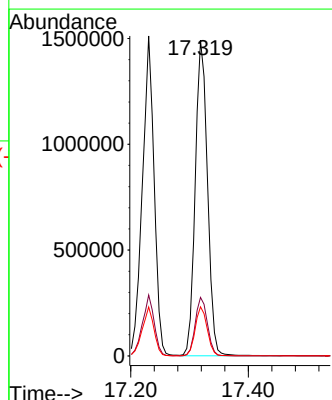
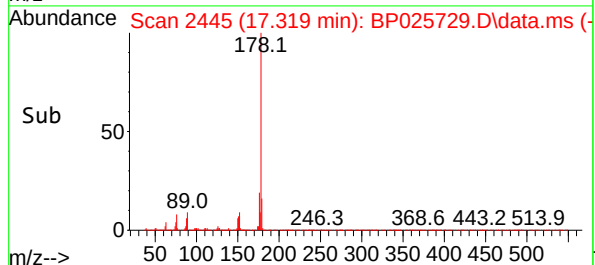
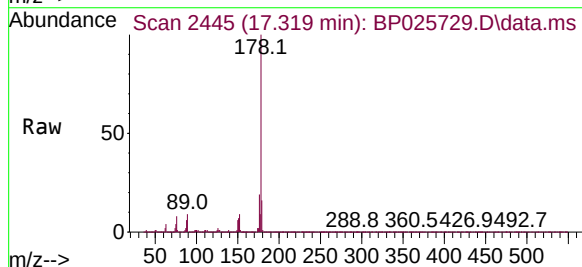
Manual Integrations  
APPROVED

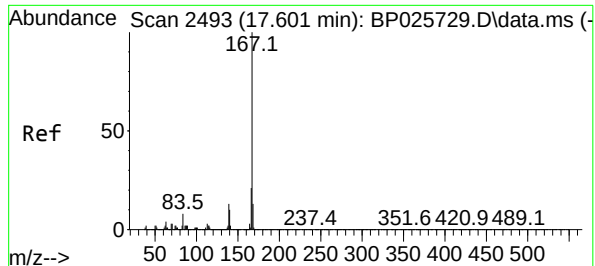
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#72  
Anthracene  
Concen: 42.974 ng  
RT: 17.319 min Scan# 2445  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

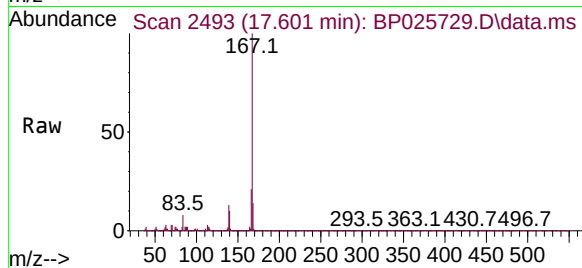
Tgt Ion:178 Resp: 2149009  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.8 22.2  
179 15.6 12.2 18.4





#73  
Carbazole  
Concen: 43.830 ng  
RT: 17.601 min Scan# 2493  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

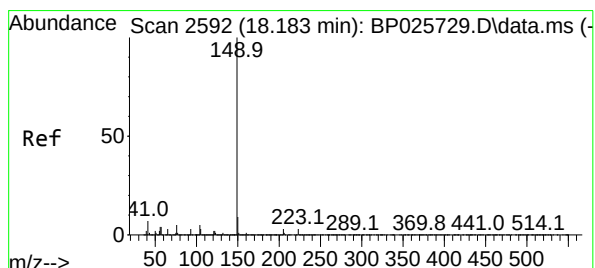
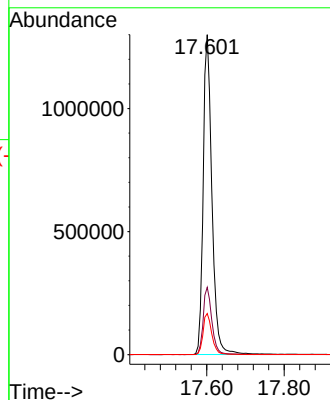
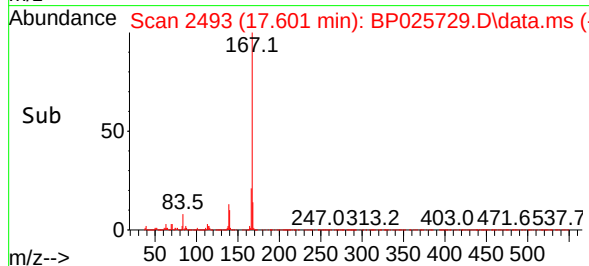
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:167 Resp: 2037704  
Ion Ratio Lower Upper  
167 100  
166 21.0 17.0 25.4  
139 12.8 10.6 16.0

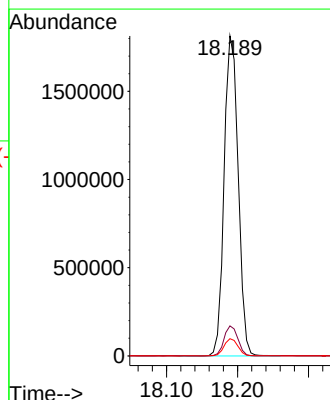
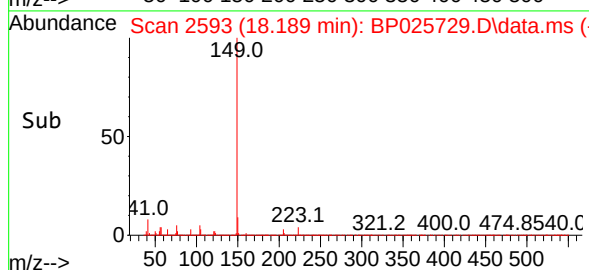
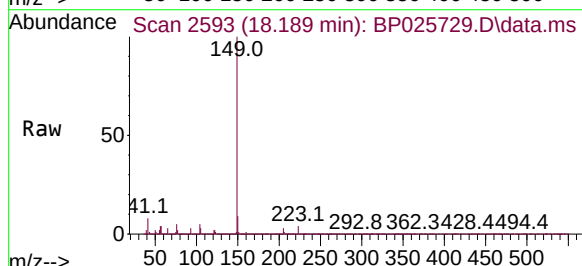
Manual Integrations  
APPROVED

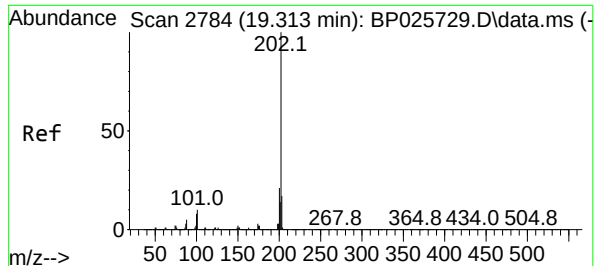
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#74  
Di-n-butylphthalate  
Concen: 43.793 ng  
RT: 18.189 min Scan# 2593  
Delta R.T. 0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

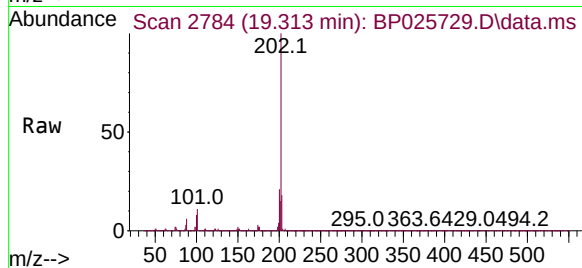
Tgt Ion:149 Resp: 2498531  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.0  
104 5.4 4.3 6.5





#75  
Fluoranthene  
Concen: 42.535 ng  
RT: 19.313 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

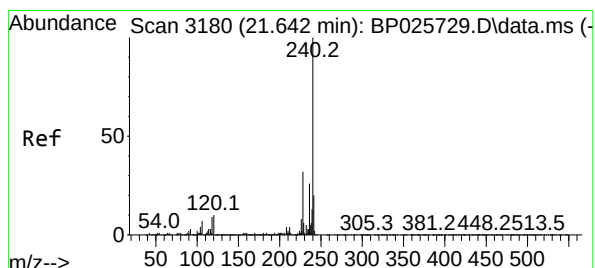
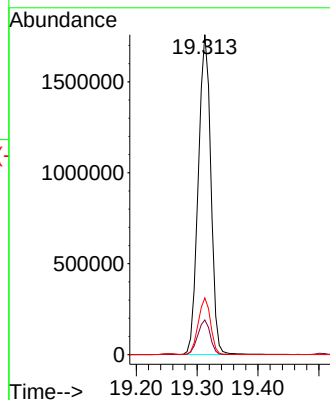
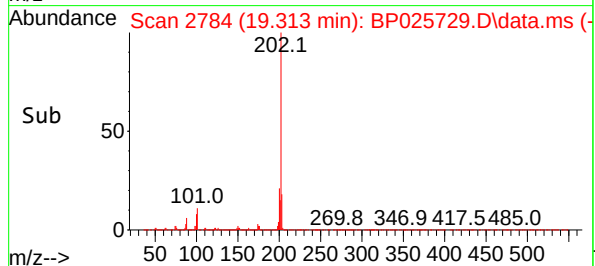
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:202 Resp: 2514212  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 30.4  
203 17.7 0.0 37.4

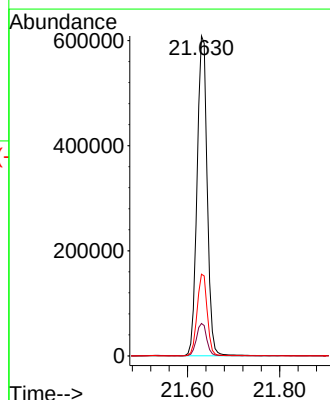
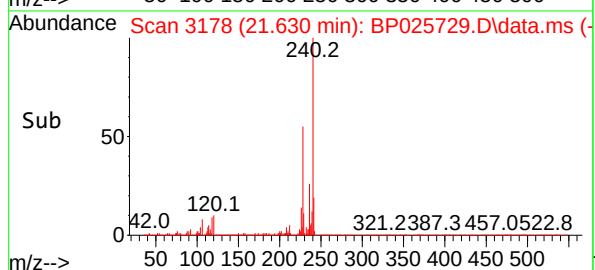
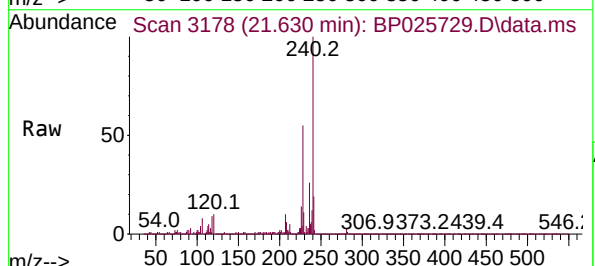
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

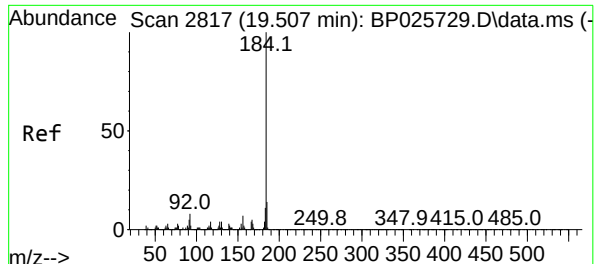


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.630 min Scan# 3178  
Delta R.T. -0.012 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion:240 Resp: 926553  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.0 12.0  
236 25.6 20.7 31.1

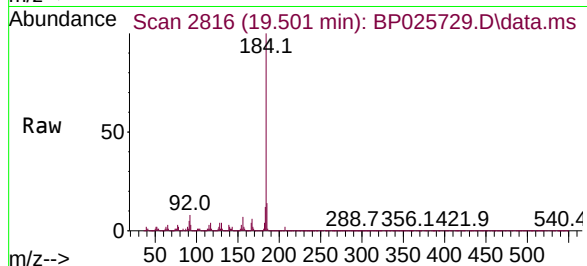






#77  
Benzidine  
Concen: 45.307 ng  
RT: 19.501 min Scan# 2816  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

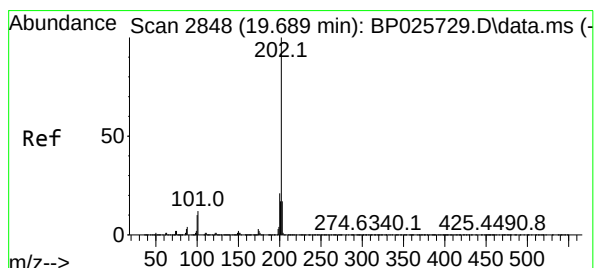
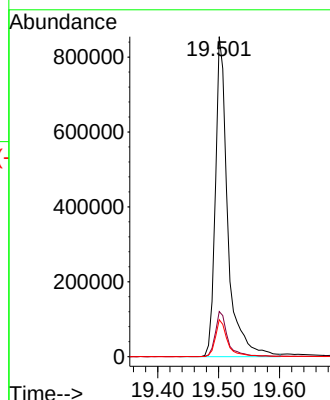
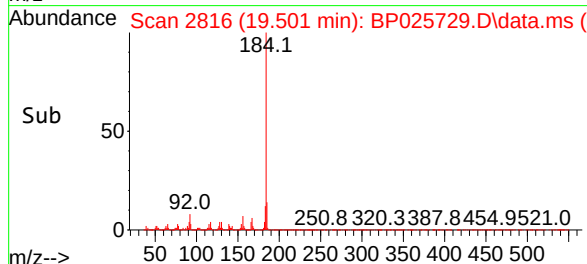
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:184 Resp: 1209219  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.5 17.3  
183 11.5 9.2 13.8

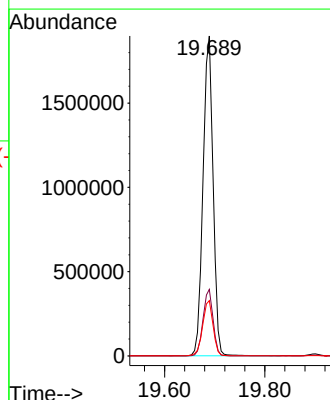
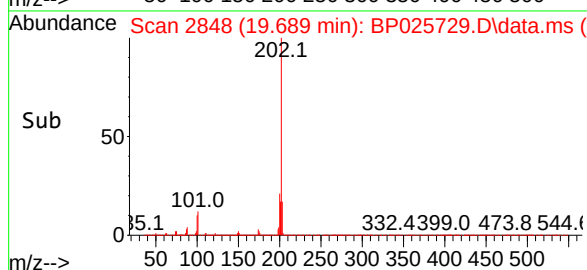
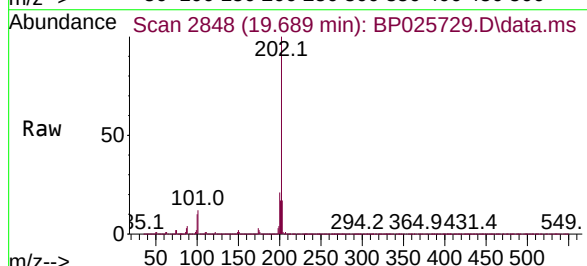
Manual Integrations  
APPROVED

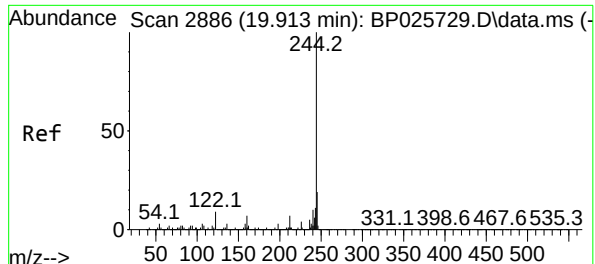
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#78  
Pyrene  
Concen: 42.875 ng  
RT: 19.689 min Scan# 2848  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

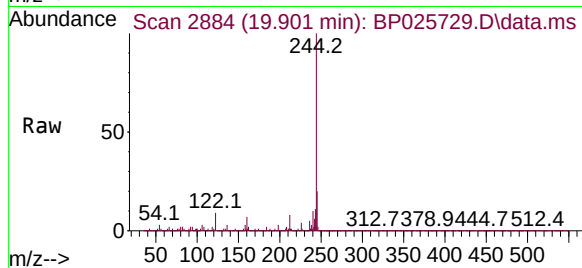
Tgt Ion:202 Resp: 2650721  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.0 25.6  
203 17.3 13.9 20.9





#79  
Terphenyl-d14  
Concen: 84.704 ng  
RT: 19.901 min Scan# 2884  
Delta R.T. -0.012 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

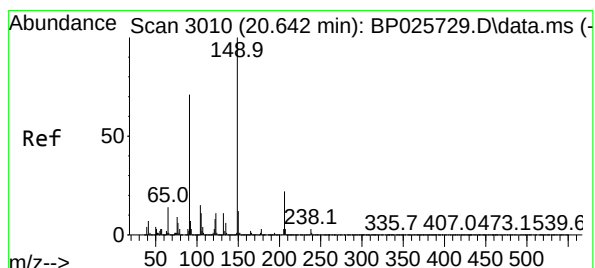
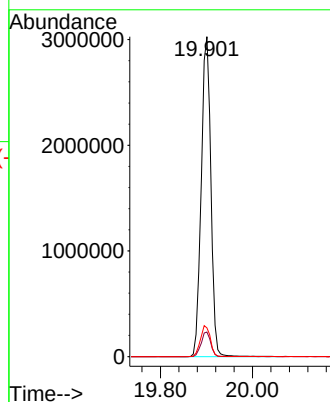
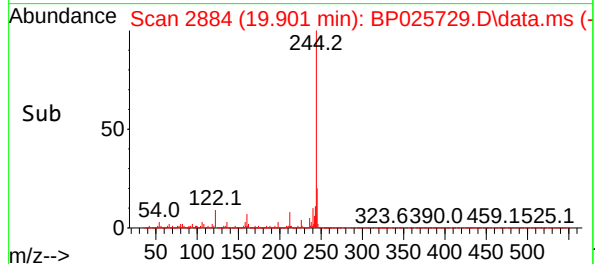
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:244 Resp: 4362586  
Ion Ratio Lower Upper  
244 100  
212 7.7 5.9 8.9  
122 9.0 7.1 10.7

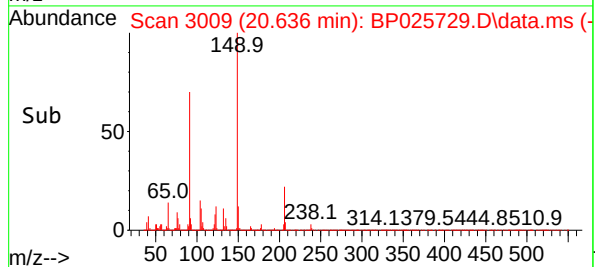
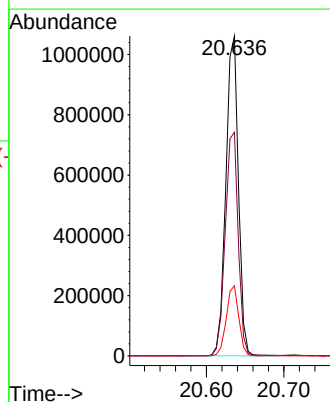
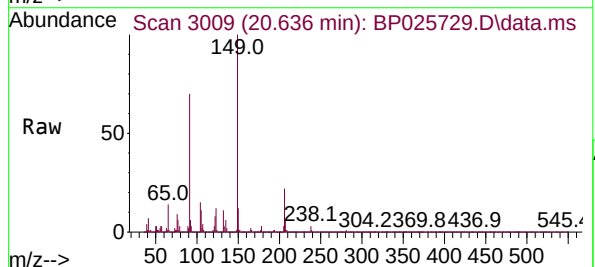
Manual Integrations  
APPROVED

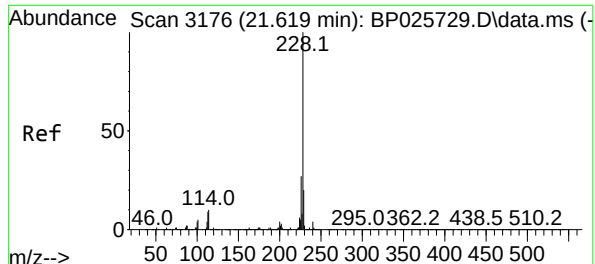
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#80  
Butylbenzylphthalate  
Concen: 44.213 ng  
RT: 20.636 min Scan# 3009  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

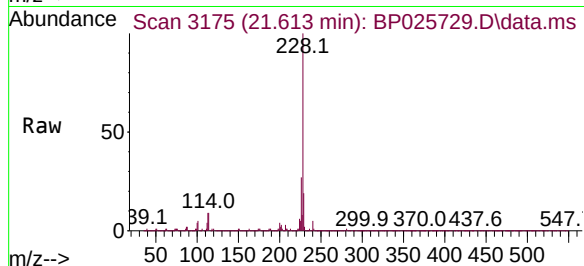
Tgt Ion:149 Resp: 1198520  
Ion Ratio Lower Upper  
149 100  
91 69.9 56.6 85.0  
206 21.9 17.4 26.0





#81  
Benzo(a)anthracene  
Concen: 42.456 ng  
RT: 21.613 min Scan# 3175  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

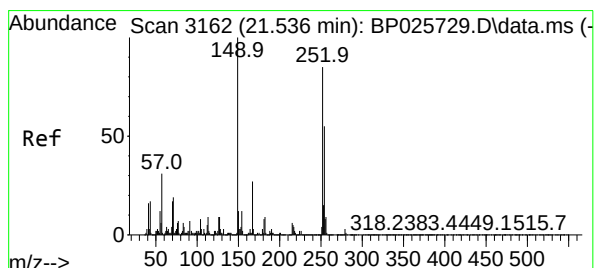
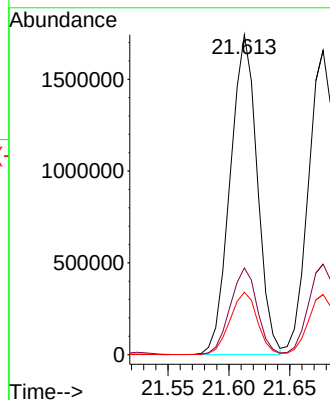
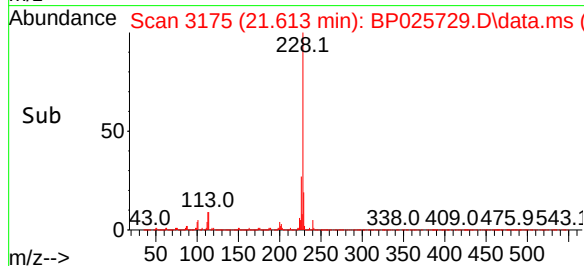
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:228 Resp: 2693098  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.6 32.4  
229 19.5 15.7 23.5

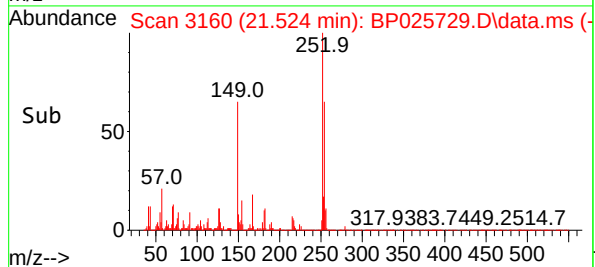
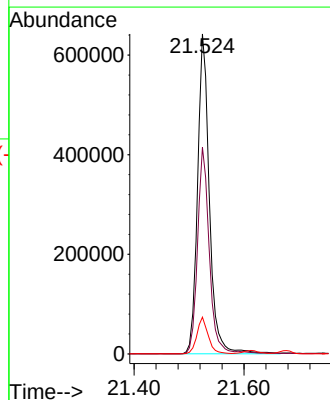
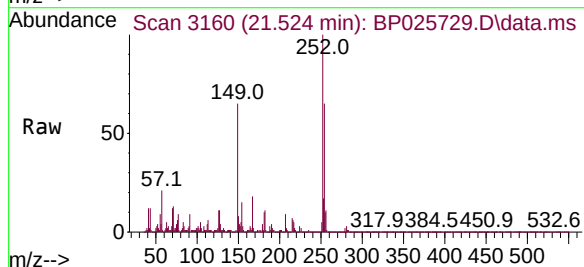
Manual Integrations  
APPROVED

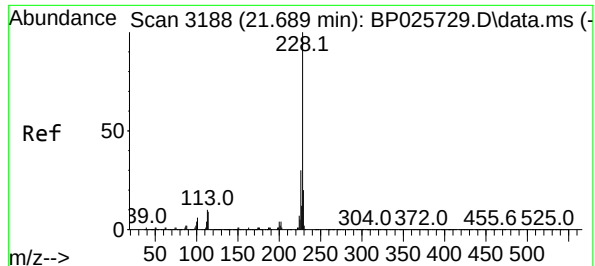
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 43.803 ng  
RT: 21.524 min Scan# 3160  
Delta R.T. -0.012 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

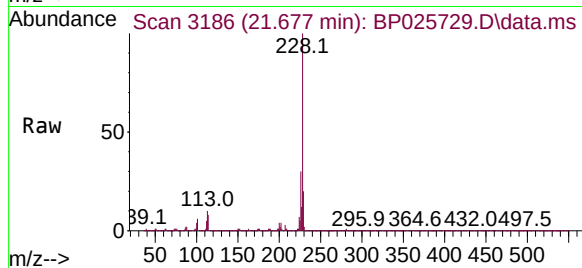
Tgt Ion:252 Resp: 960752  
Ion Ratio Lower Upper  
252 100  
254 64.6 51.4 77.0  
126 11.5 8.3 12.5





#83  
Chrysene  
Concen: 42.152 ng  
RT: 21.677 min Scan# 3186  
Delta R.T. -0.012 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

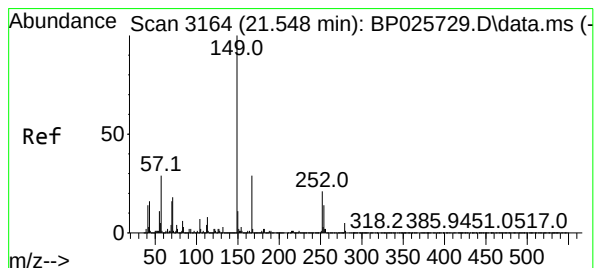
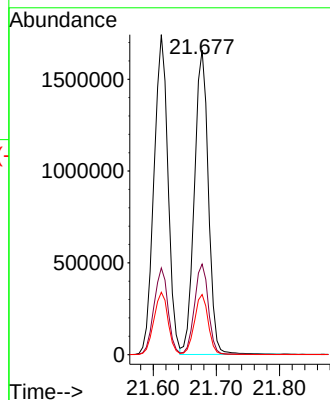
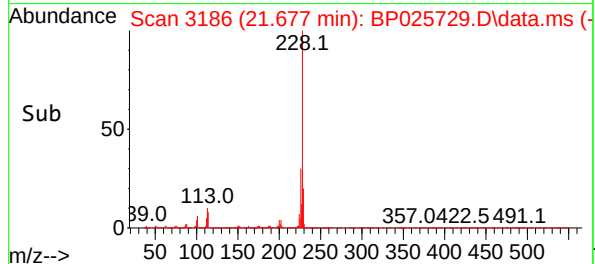
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:228 Resp: 2548856  
Ion Ratio Lower Upper  
228 100  
226 29.7 23.8 35.6  
229 19.7 15.6 23.4

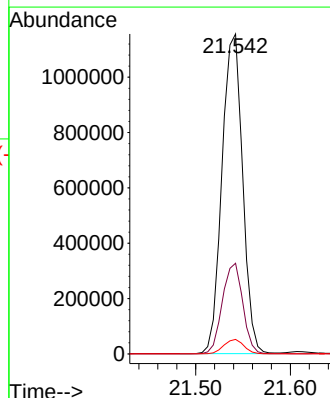
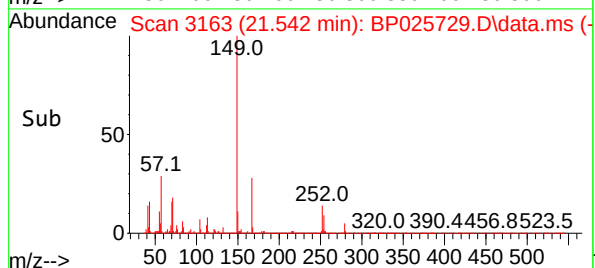
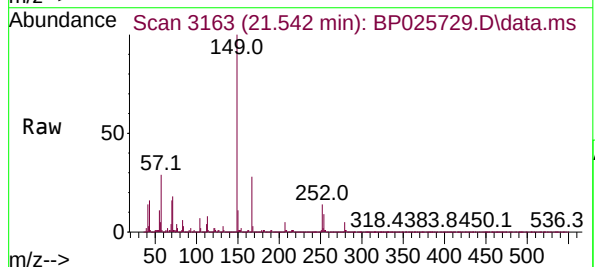
Manual Integrations  
APPROVED

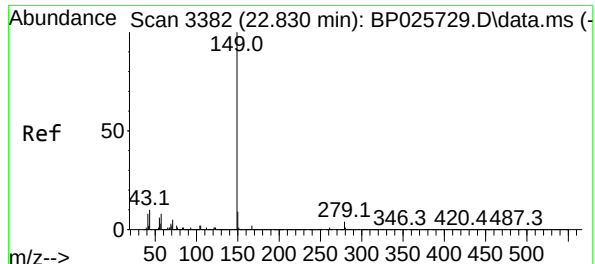
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.144 ng  
RT: 21.542 min Scan# 3163  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

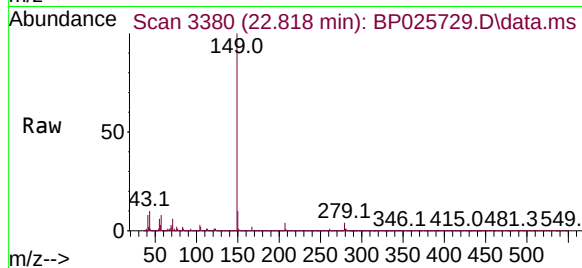
Tgt Ion:149 Resp: 1750717  
Ion Ratio Lower Upper  
149 100  
167 28.3 22.9 34.3  
279 4.5 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 43.867 ng  
RT: 22.818 min Scan# 3382  
Delta R.T. -0.012 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

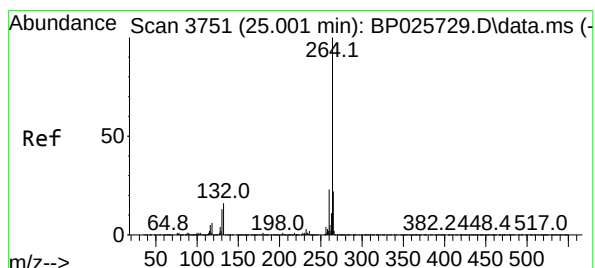
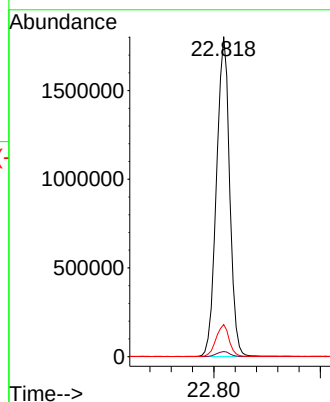
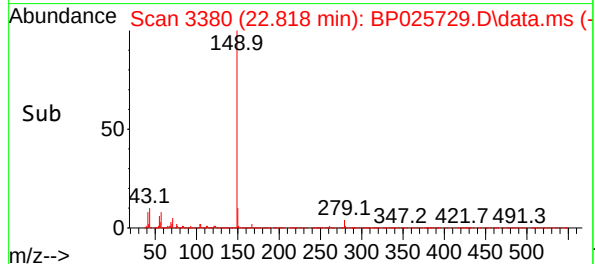
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion:149 Resp: 3094664  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.9 8.0 12.0

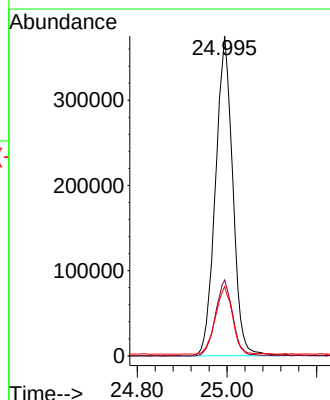
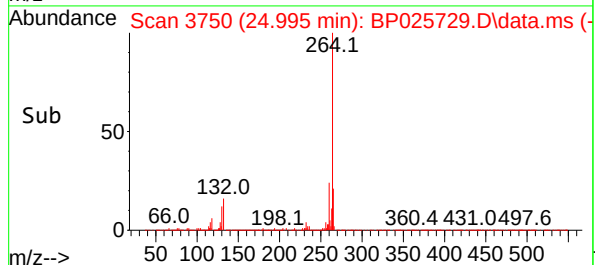
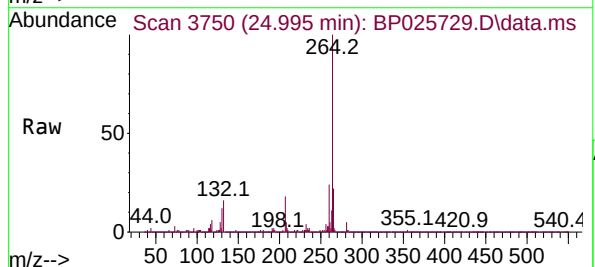
Manual Integrations  
APPROVED

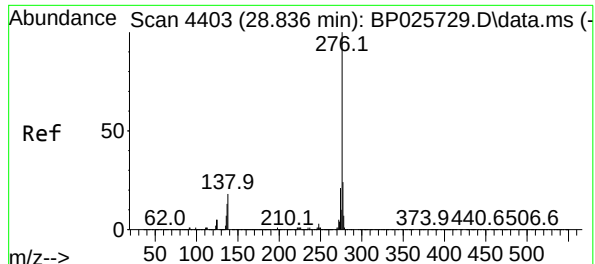
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.995 min Scan# 3750  
Delta R.T. -0.006 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

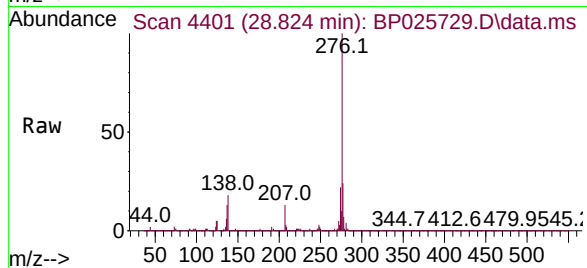
Tgt Ion:264 Resp: 1000954  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.3 27.5  
265 21.7 17.3 25.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 43.902 ng  
RT: 28.824 min Scan# 4403  
Delta R.T. -0.012 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

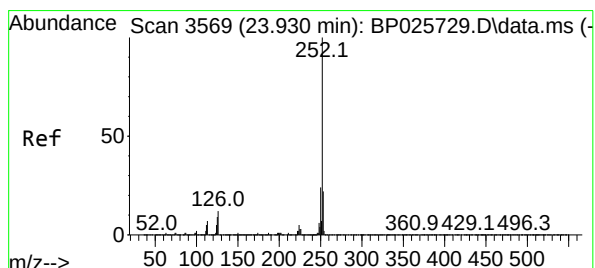
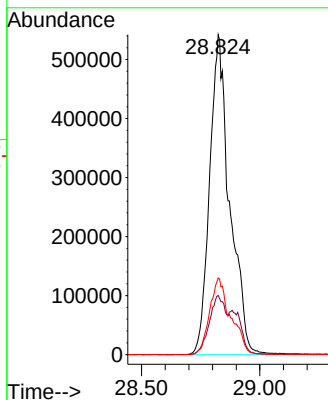
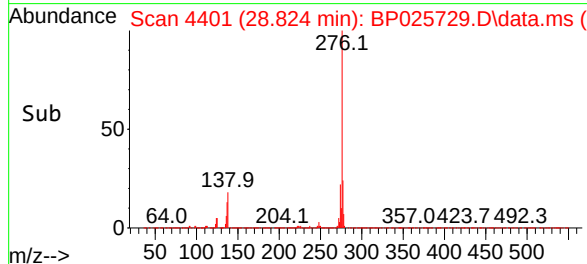
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 276 Resp: 319567  
Ion Ratio Lower Upper  
276 100  
138 14.9 13.4 20.2  
277 25.2 9.1 13.7

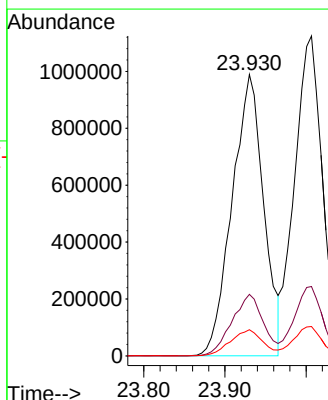
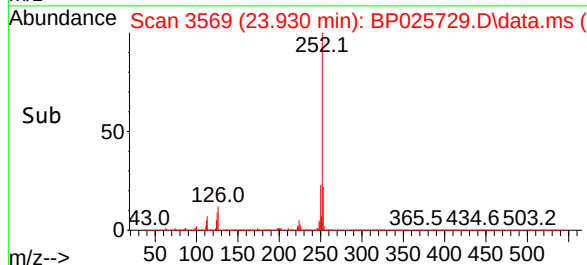
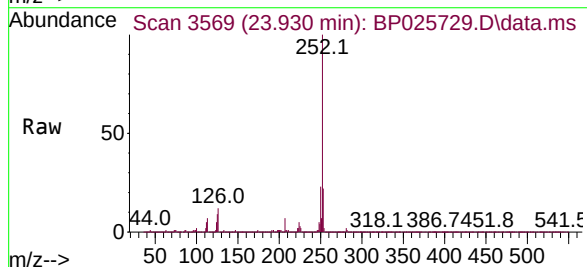
Manual Integrations  
APPROVED

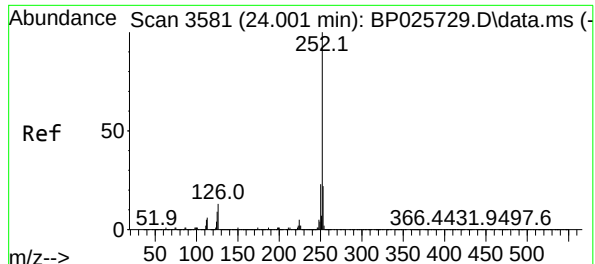
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#88  
Benzo(b)fluoranthene  
Concen: 43.687 ng  
RT: 23.930 min Scan# 3569  
Delta R.T. -0.000 min  
Lab File: BP025729.D  
Acq: 11 Sep 2025 12:21

Tgt Ion: 252 Resp: 2674118  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.9 26.9  
125 9.3 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 42.989 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 2685118

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

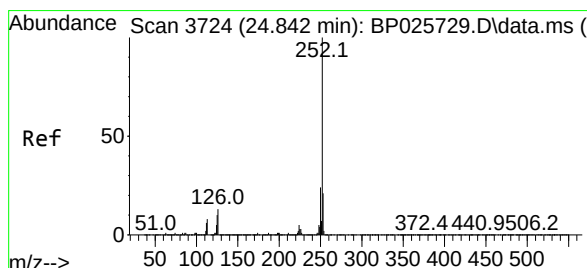
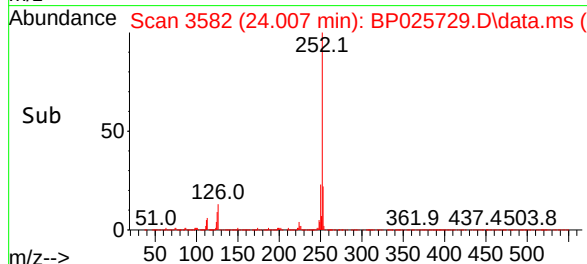
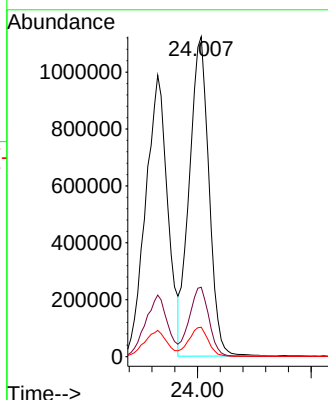
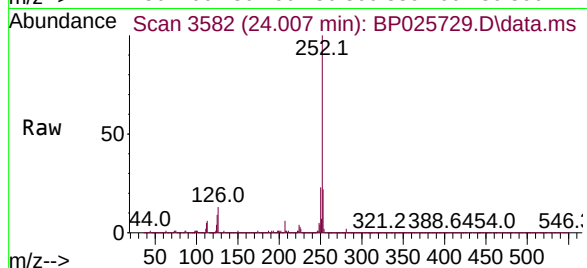
125 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 43.660 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

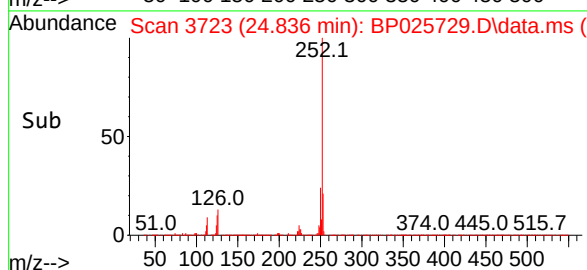
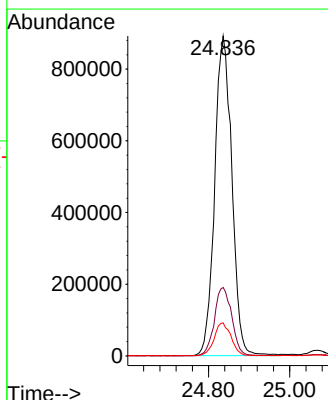
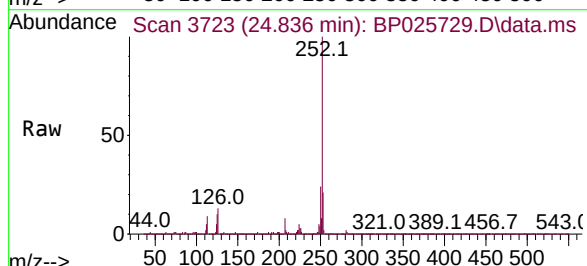
Tgt Ion:252 Resp: 2617139

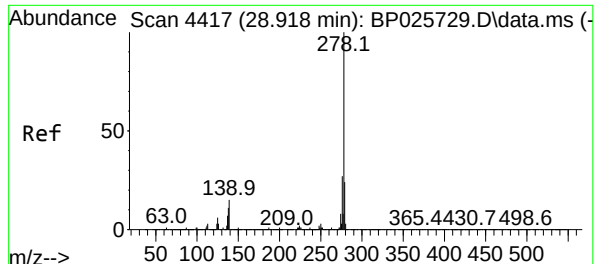
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 10.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.586 ng

RT: 28.906 min Scan# 4415

Delta R.T. -0.012 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA\_P

ClientSampleId :

SSTDICCC040

Tgt Ion:278 Resp: 2596318

Ion Ratio Lower Upper

278 100

139 15.7 12.1 18.1

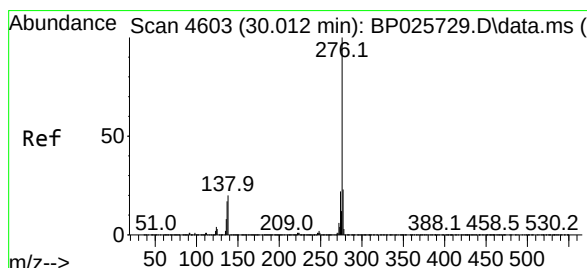
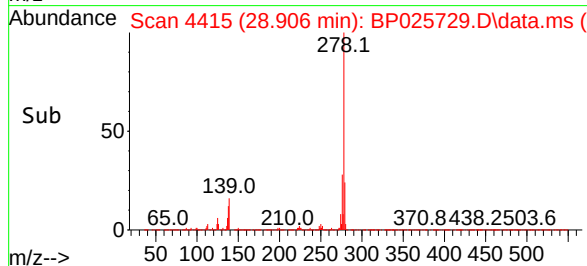
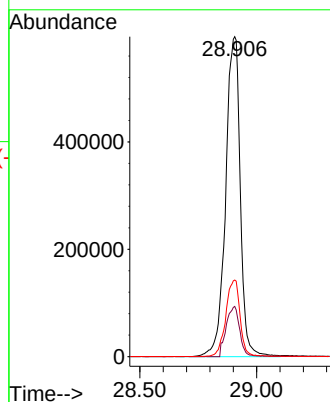
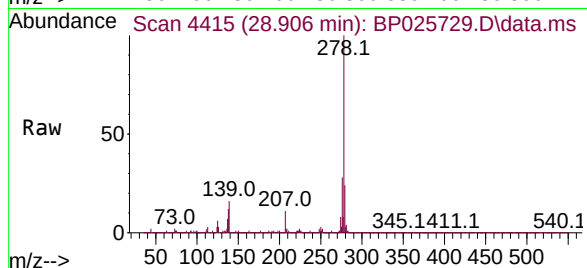
279 23.9 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#92

Benzo(g,h,i)perylene

Concen: 43.305 ng

RT: 30.006 min Scan# 4602

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

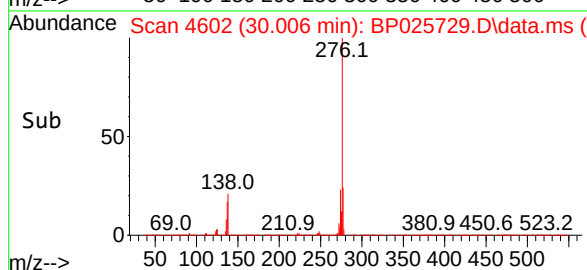
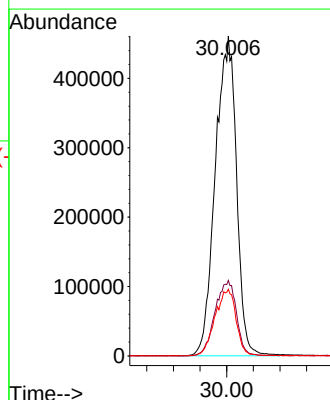
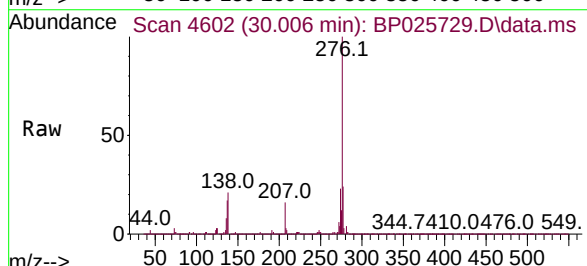
Tgt Ion:276 Resp: 2536855

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 20.8 16.0 24.0





Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025731.D  
 Acq On : 11 Sep 2025 13:43  
 Operator : CG/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

Quant Time: Sep 11 16:25:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.754  | 152  | 144908   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.531 | 136  | 594465   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.389 | 164  | 399973   | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 17.189 | 188  | 829072   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 850069   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.995 | 264  | 937177   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 1076648  | 119.885 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 1441118  | 120.727 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.907  | 82   | 1624115  | 120.514 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.901 | 330  | 596882   | 119.643 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.995 | 172  | 3440852  | 114.546 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.913 | 244  | 5375608  | 113.763 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 214449   | 56.894  | ng    | 99       |
| 3) Pyridine                   | 3.708  | 79   | 608506   | 58.630  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 283590   | 57.906  | ng    | 98       |
| 6) Aniline                    | 7.090  | 93   | 984589   | 60.086  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.331  | 128  | 593699   | 60.261  | ng    | 99       |
| 9) Benzaldehyde               | 6.913  | 77   | 468269   | 65.521  | ng    | 98       |
| 10) Phenol                    | 6.972  | 94   | 761185   | 60.475  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 594817   | 58.820  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 647387   | 57.736  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.790  | 146  | 669205   | 58.590  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.107  | 146  | 645593   | 58.182  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.996  | 79   | 587082   | 59.518  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.278  | 45   | 940663   | 56.880  | ng    | 100      |
| 17) 2-Methylphenol            | 8.207  | 107  | 515294   | 60.722  | ng    | 99       |
| 18) Hexachloroethane          | 8.825  | 117  | 255454   | 58.553  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.560  | 70   | 500512   | 60.833  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.531  | 107  | 706319   | 59.431  | ng    | 99       |
| 22) Acetophenone              | 8.578  | 105  | 959504   | 60.398  | ng    | # 99     |
| 24) Nitrobenzene              | 8.949  | 77   | 732954   | 60.626  | ng    | 98       |
| 25) Isophorone                | 9.472  | 82   | 1411439  | 59.586  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.654  | 139  | 341952   | 63.706  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 571131   | 60.651  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.948  | 93   | 805869   | 58.855  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 583539   | 62.152  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.396 | 180  | 617864   | 58.392  | ng    | 99       |
| 31) Naphthalene               | 10.578 | 128  | 1861226  | 58.065  | ng    | 99       |
| 32) Benzoic acid              | 9.901  | 122  | 457710   | 65.376  | ng    | 100      |
| 33) 4-Chloroaniline           | 10.690 | 127  | 828517   | 62.014  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.860 | 225  | 402426   | 59.079  | ng    | 99       |
| 35) Caprolactam               | 11.495 | 113  | 213931   | 59.232  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.819 | 107  | 672438   | 60.073  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.190 | 142  | 1207999  | 58.676  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 1271354  | 57.909  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.560 | 216  | 724963   | 59.814  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.537 | 237  | 416561   | 63.104  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 490224   | 61.525  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025731.D  
 Acq On : 11 Sep 2025 13:43  
 Operator : CG/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC060

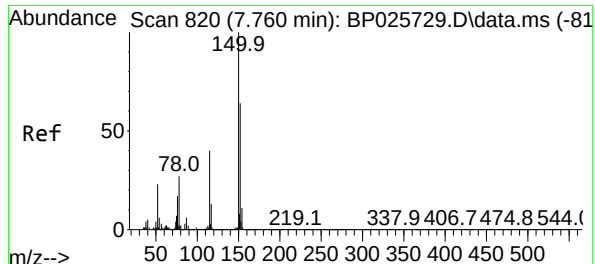
Quant Time: Sep 11 16:25:18 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.884 | 196  | 548795   | 61.887 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.201 | 154  | 1710115  | 58.250 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.248 | 162  | 1358189  | 58.754 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.460 | 65   | 481928   | 62.541 | ng    | 97       |
| 49) Acenaphthylene            | 14.113 | 152  | 2244987  | 58.613 | ng    | 99       |
| 50) Dimethylphthalate         | 13.836 | 163  | 1735637  | 56.838 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.960 | 165  | 395721   | 61.166 | ng    | 98       |
| 52) Acenaphthene              | 14.454 | 154  | 1266404  | 57.334 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.295 | 138  | 428446   | 62.976 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.513 | 184  | 241144   | 58.695 | ng    | 99       |
| 55) Dibenzofuran              | 14.789 | 168  | 2062085  | 57.280 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.619 | 139  | 335924   | 58.606 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 564986   | 61.363 | ng    | 98       |
| 58) Fluorene                  | 15.448 | 166  | 1619859  | 56.587 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232  | 471644   | 59.043 | ng    | 100      |
| 60) Diethylphthalate          | 15.225 | 149  | 1767001  | 57.046 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.442 | 204  | 817173   | 56.642 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.478 | 138  | 451315   | 64.802 | ng    | 97       |
| 63) Azobenzene                | 15.742 | 77   | 1761607  | 58.817 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 341390   | 61.918 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.660 | 169  | 1476982  | 58.214 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 530862   | 58.285 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.483 | 284  | 586880   | 57.781 | ng    | 95       |
| 69) Atrazine                  | 16.642 | 200  | 563586   | 58.112 | ng    | 97       |
| 70) Pentachlorophenol         | 16.836 | 266  | 400840   | 59.795 | ng    | 100      |
| 71) Phenanthrene              | 17.230 | 178  | 2648539  | 56.316 | ng    | 100      |
| 72) Anthracene                | 17.325 | 178  | 2753779  | 57.710 | ng    | 100      |
| 73) Carbazole                 | 17.607 | 167  | 2580907  | 58.177 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.189 | 149  | 3187132  | 58.542 | ng    | 100      |
| 75) Fluoranthene              | 19.313 | 202  | 3216943  | 57.034 | ng    | 100      |
| 77) Benzidine                 | 19.513 | 184  | 1473612  | 60.181 | ng    | 99       |
| 78) Pyrene                    | 19.689 | 202  | 3334872  | 58.794 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.630 | 149  | 1497716  | 60.222 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.613 | 228  | 3391233  | 58.272 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.530 | 252  | 1193448  | 59.308 | ng    | 99       |
| 83) Chrysene                  | 21.677 | 228  | 3234610  | 58.306 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 2185686  | 60.070 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.830 | 149  | 3857923  | 59.606 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.824 | 276  | 4176186  | 61.276 | ng    | # 85     |
| 88) Benzo(b)fluoranthene      | 23.930 | 252  | 3417862  | 59.638 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.007 | 252  | 3431342  | 58.674 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.848 | 252  | 3396800  | 60.523 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.906 | 278  | 3396390  | 60.898 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.012 | 276  | 3366014  | 61.370 | ng    | 99       |

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

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDICC060

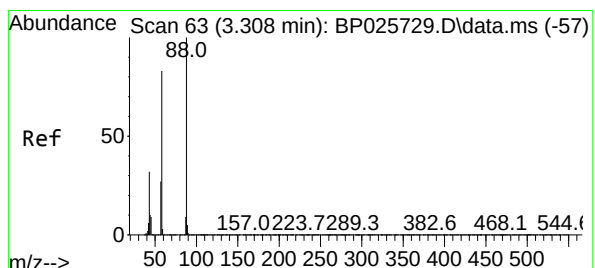
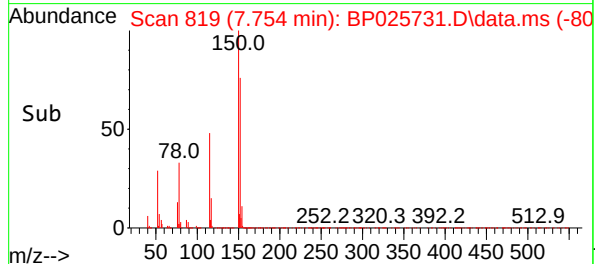
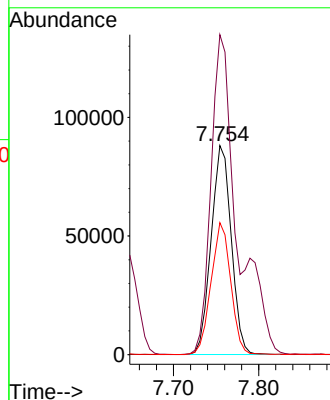
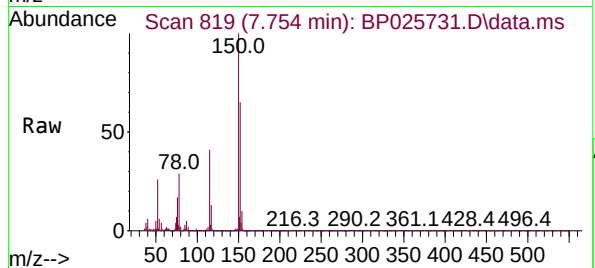
[illegible]



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.754 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

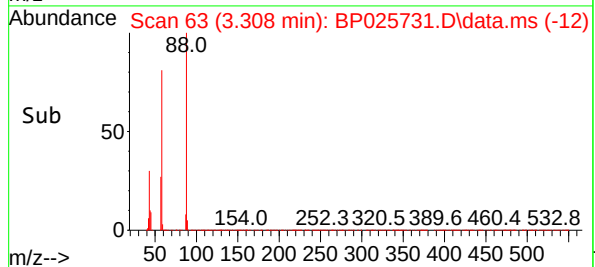
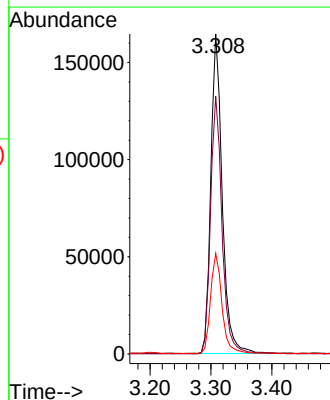
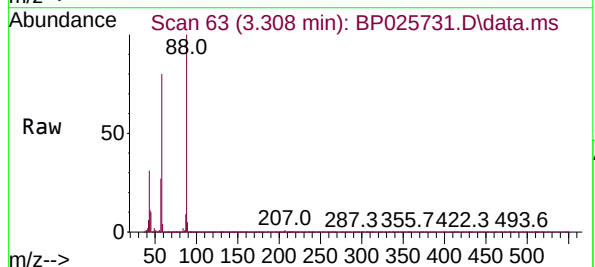
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

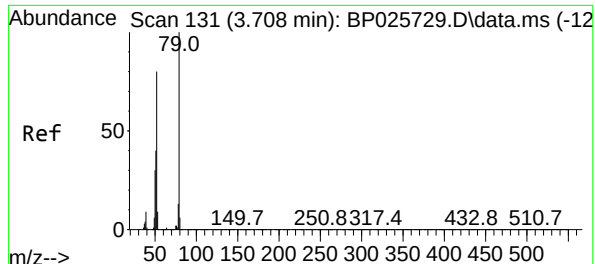
Tgt Ion:152 Resp: 144908  
Ion Ratio Lower Upper  
152 100  
150 153.1 124.3 186.5  
115 63.1 50.3 75.5



#2  
1,4-Dioxane  
Concen: 56.894 ng  
RT: 3.308 min Scan# 63  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion: 88 Resp: 214449  
Ion Ratio Lower Upper  
88 100  
58 81.2 65.5 98.3  
43 31.4 25.2 37.8





#3

Pyridine

Concen: 58.630 ng

RT: 3.708 min Scan# 131

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

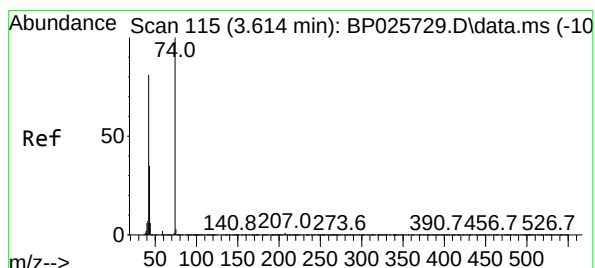
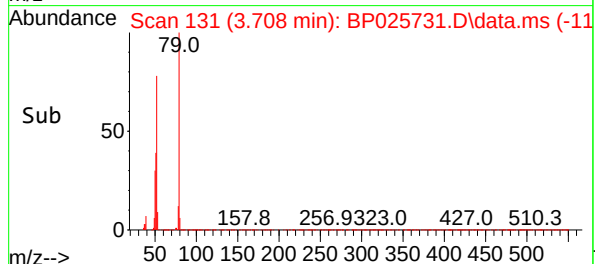
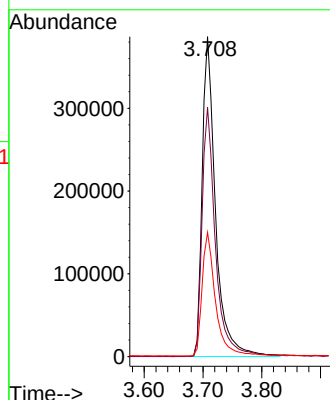
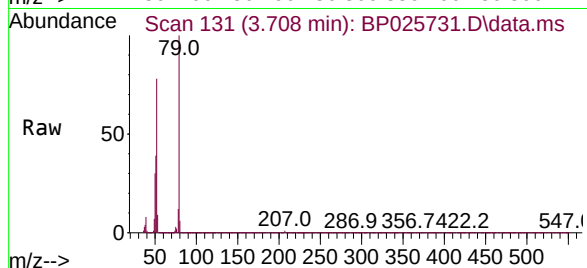
BNA\_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 608506

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 77.9  | 63.7  | 95.5  |
| 51  | 38.8  | 32.4  | 48.6  |



#4

n-Nitrosodimethylamine

Concen: 57.906 ng

RT: 3.614 min Scan# 115

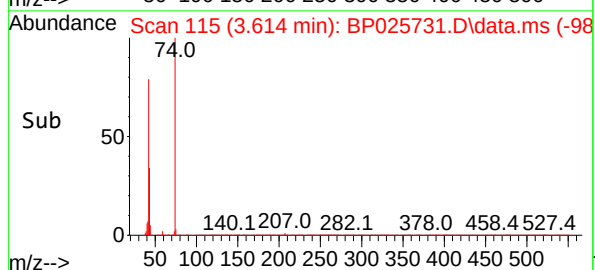
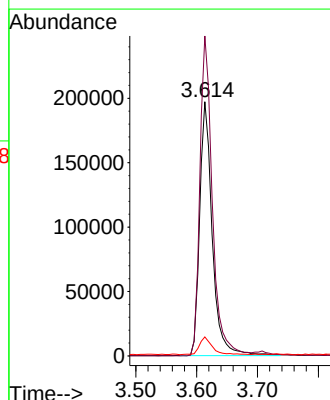
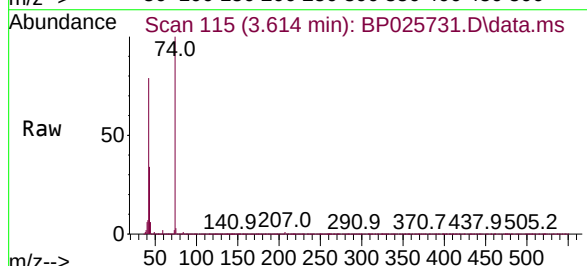
Delta R.T. -0.000 min

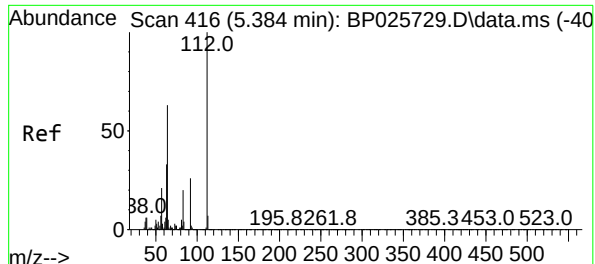
Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion: 42 Resp: 283590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 125.9 | 99.2  | 148.8 |
| 44  | 7.5   | 6.4   | 9.6   |

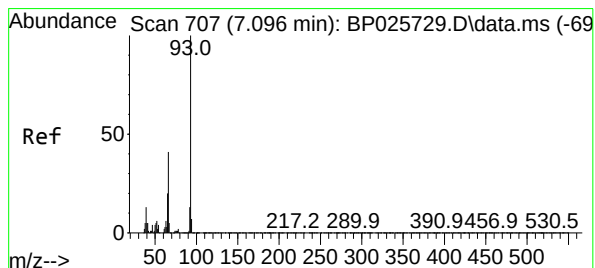
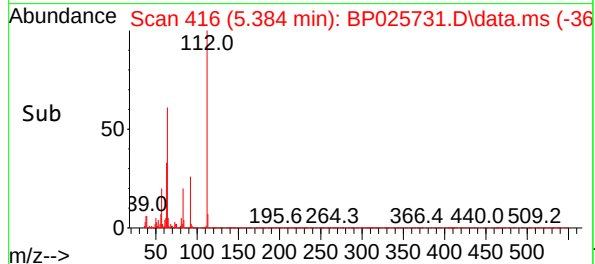
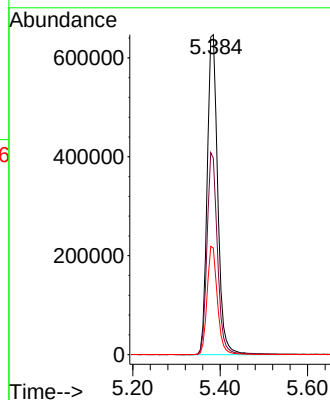
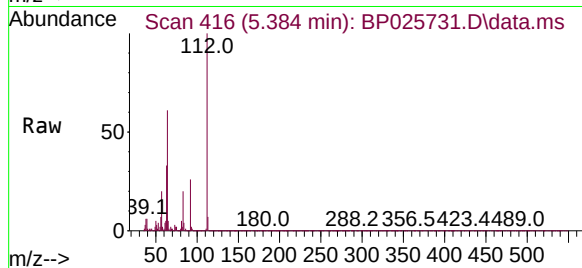




#5  
2-Fluorophenol  
Concen: 119.885 ng  
RT: 5.384 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

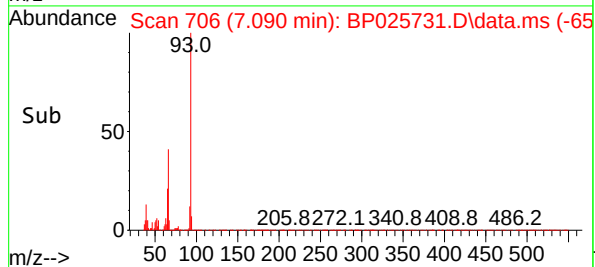
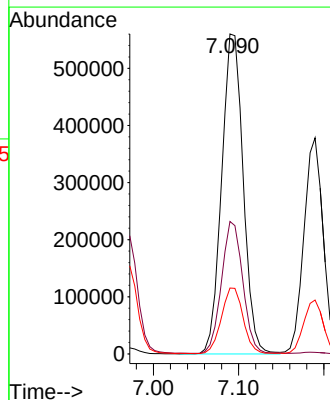
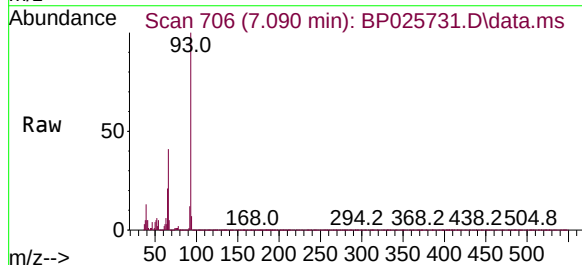
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

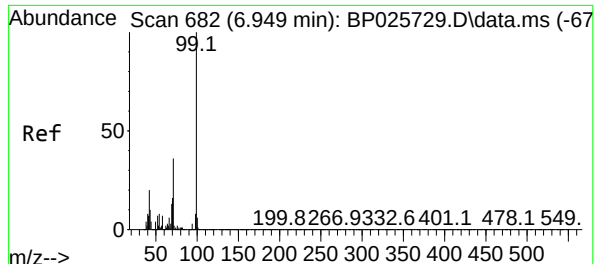
Tgt Ion:112 Resp: 1076648  
Ion Ratio Lower Upper  
112 100  
64 61.4 50.2 75.4  
63 33.3 26.7 40.1



#6  
Aniline  
Concen: 60.086 ng  
RT: 7.090 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion: 93 Resp: 984589  
Ion Ratio Lower Upper  
93 100  
66 41.4 32.6 49.0  
65 20.6 16.2 24.2

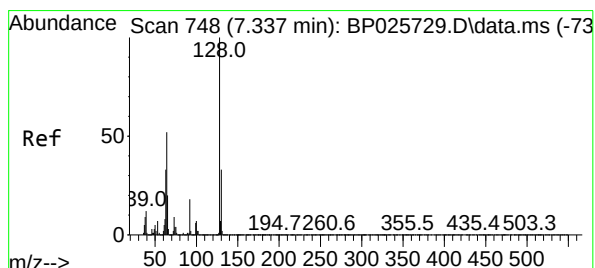
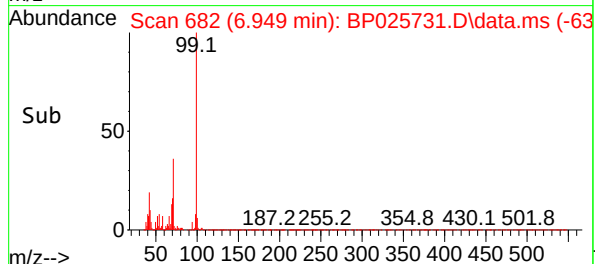
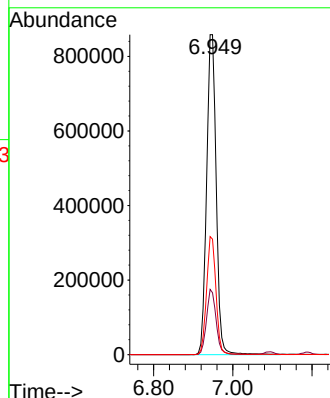
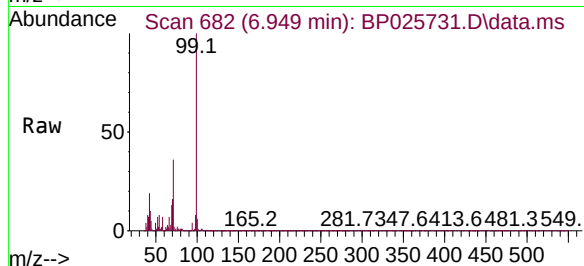




#7  
Phenol-d6  
Concen: 120.727 ng  
RT: 6.949 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

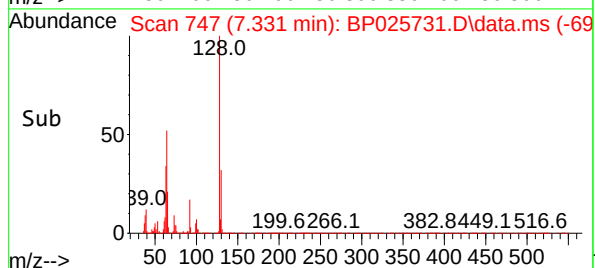
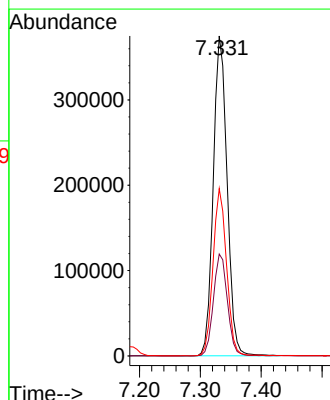
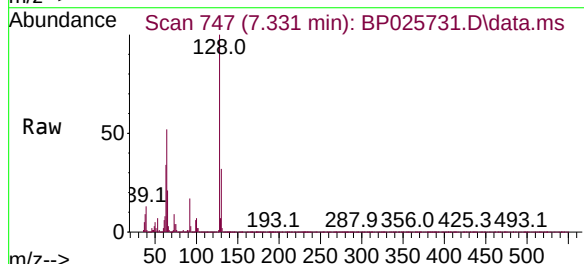
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

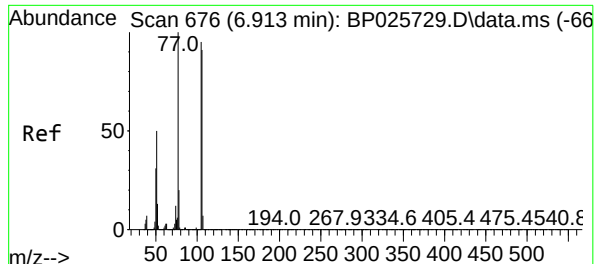
Tgt Ion: 99 Resp: 1441118  
Ion Ratio Lower Upper  
99 100  
42 19.3 15.6 23.4  
71 36.1 28.6 43.0



#8  
2-Chlorophenol  
Concen: 60.261 ng  
RT: 7.331 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion: 128 Resp: 593699  
Ion Ratio Lower Upper  
128 100  
130 31.8 12.6 52.6  
64 52.3 31.6 71.6

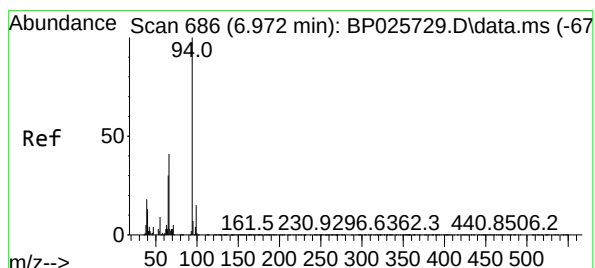
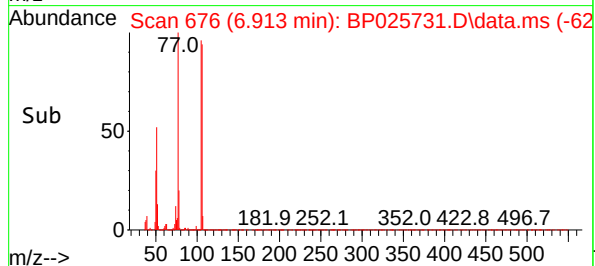
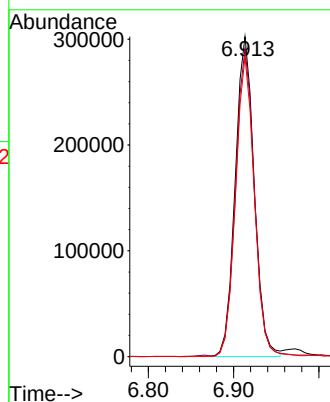
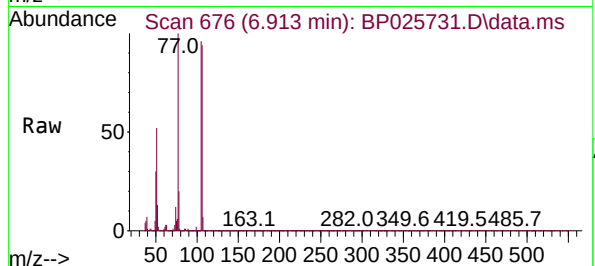




#9  
Benzaldehyde  
Concen: 65.521 ng  
RT: 6.913 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

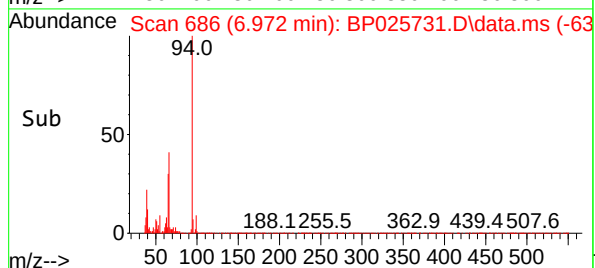
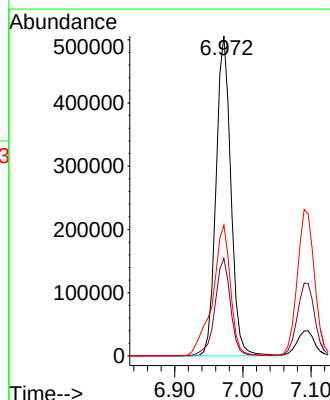
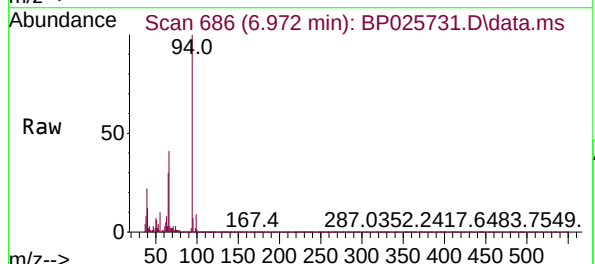
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

Tgt Ion: 77 Resp: 468269  
Ion Ratio Lower Upper  
77 100  
105 96.3 75.2 115.2  
106 93.5 71.3 111.3

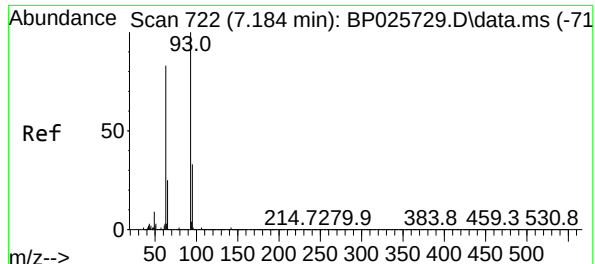


#10  
Phenol  
Concen: 60.475 ng  
RT: 6.972 min Scan# 686  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion: 94 Resp: 761185  
Ion Ratio Lower Upper  
94 100  
65 30.5 10.2 50.2  
66 40.9 21.4 61.4







#11

bis(2-Chloroethyl)ether

Concen: 58.820 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

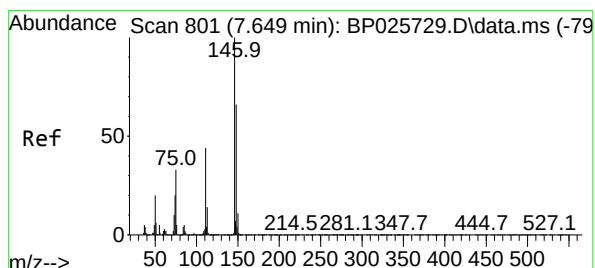
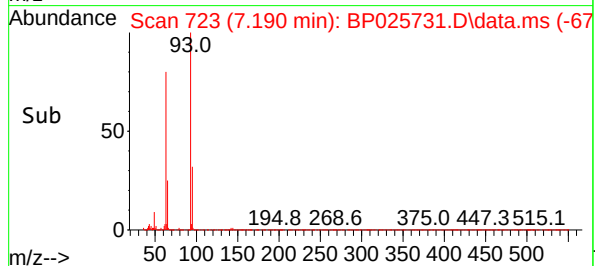
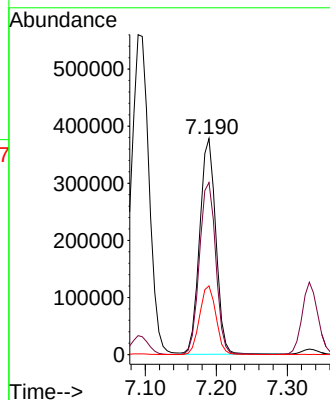
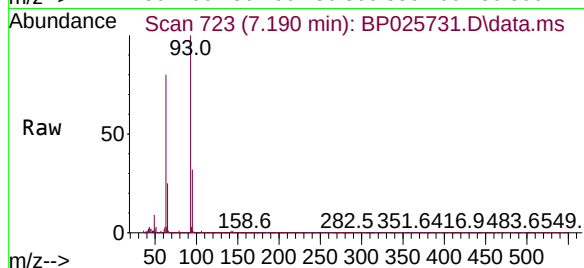
Tgt Ion: 93 Resp: 594817

Ion Ratio Lower Upper

93 100

63 79.6 62.6 102.6

95 31.8 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 57.736 ng

RT: 7.649 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

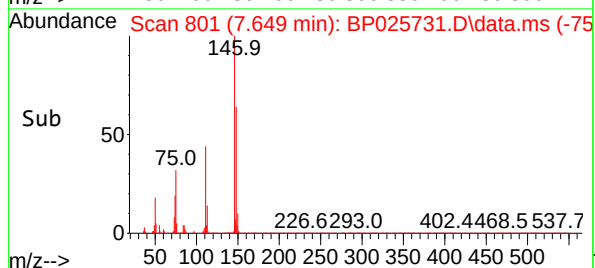
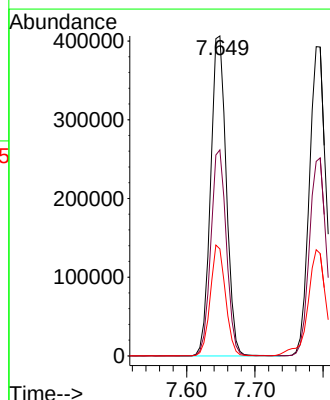
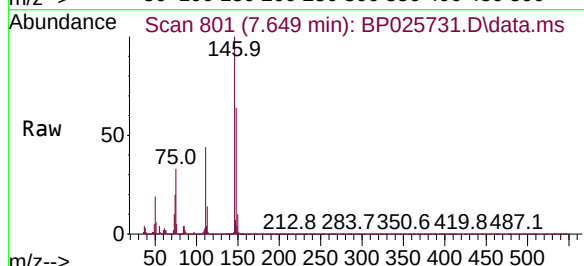
Tgt Ion:146 Resp: 647387

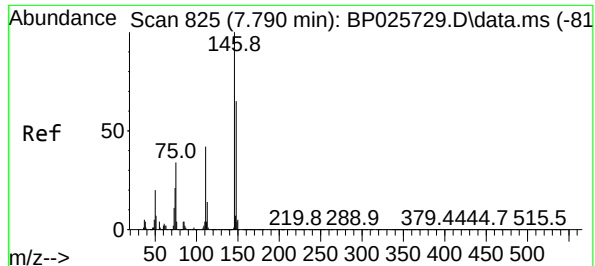
Ion Ratio Lower Upper

146 100

148 64.4 52.7 79.1

75 33.4 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 58.590 ng

RT: 7.790 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

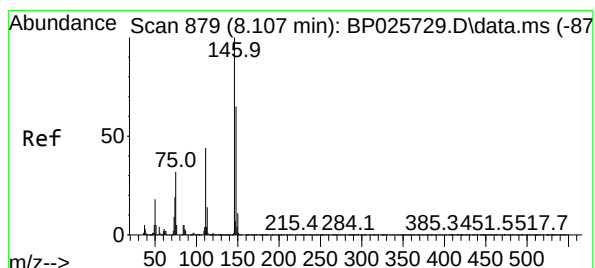
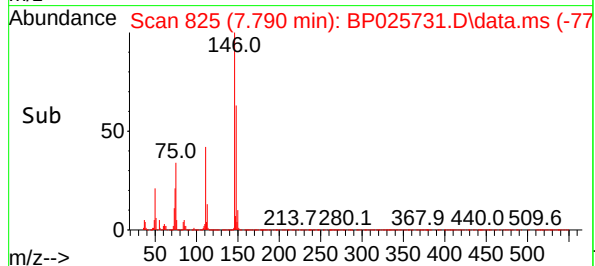
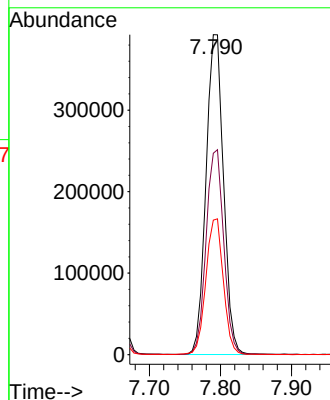
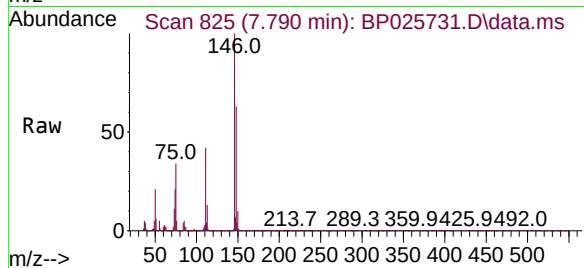
Tgt Ion:146 Resp: 669205

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

111 42.0 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 58.182 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

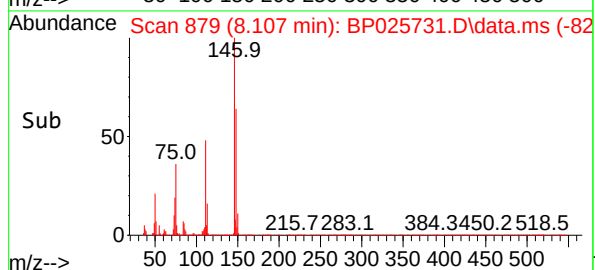
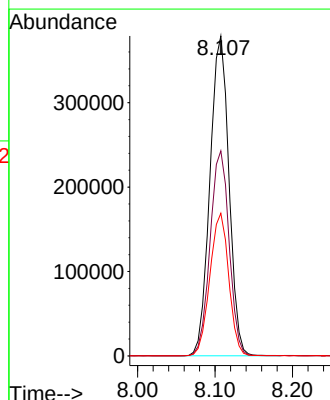
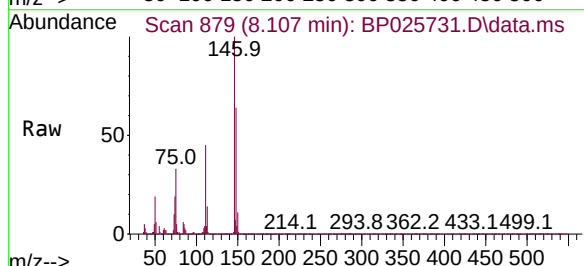
Tgt Ion:146 Resp: 645593

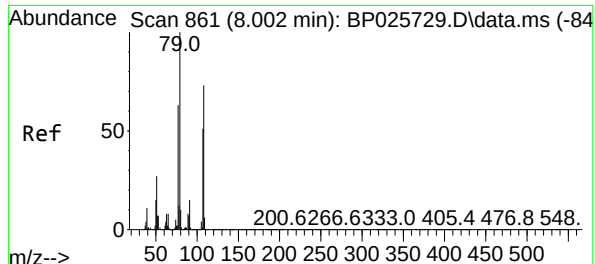
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

111 44.6 35.5 53.3

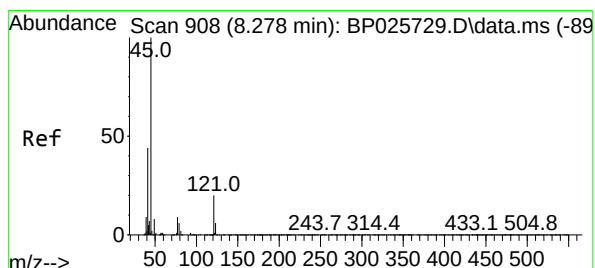
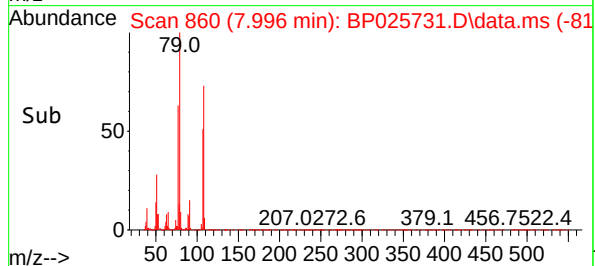
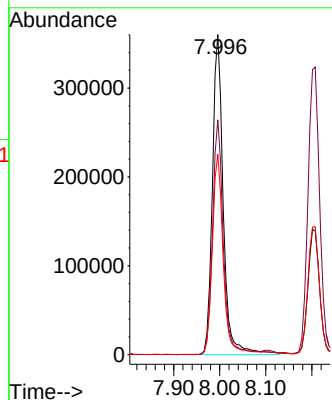
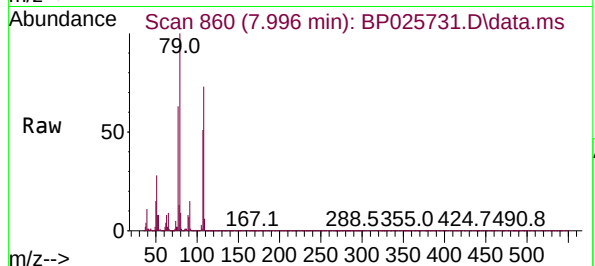




#15  
Benzyl Alcohol  
Concen: 59.518 ng  
RT: 7.996 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

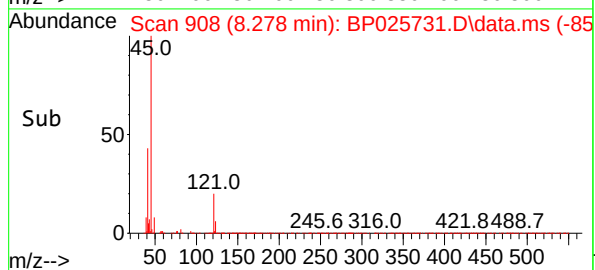
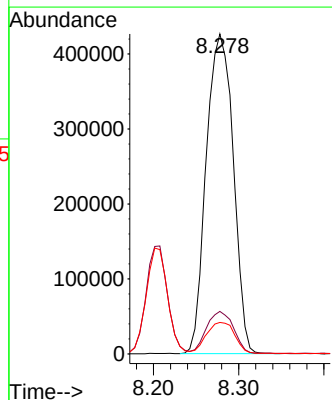
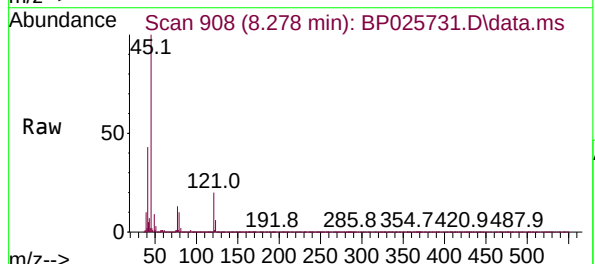
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

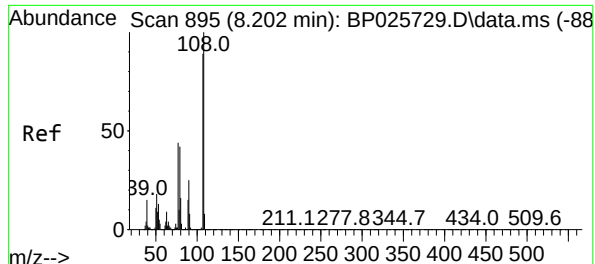
Tgt Ion: 79 Resp: 587082  
Ion Ratio Lower Upper  
79 100  
108 73.4 58.7 88.1  
77 62.6 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 56.880 ng  
RT: 8.278 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion: 45 Resp: 940663  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 33.1  
79 9.8 0.0 30.0

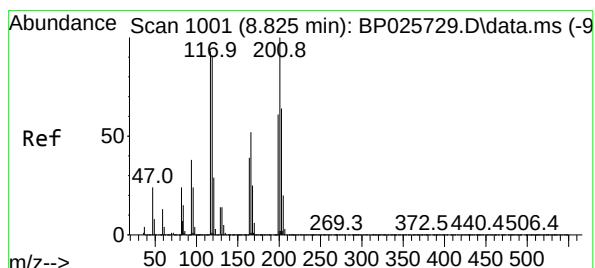
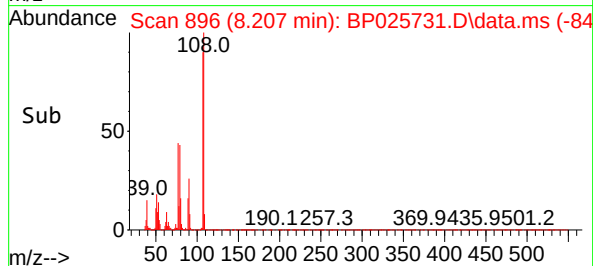
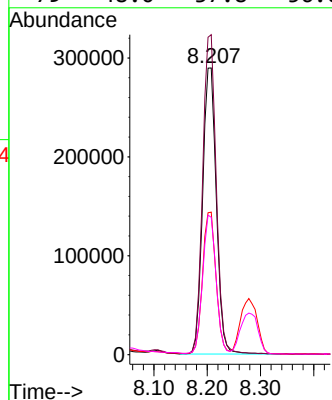
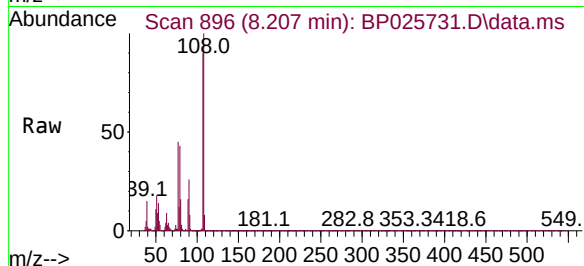




#17  
2-Methylphenol  
Concen: 60.722 ng  
RT: 8.207 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

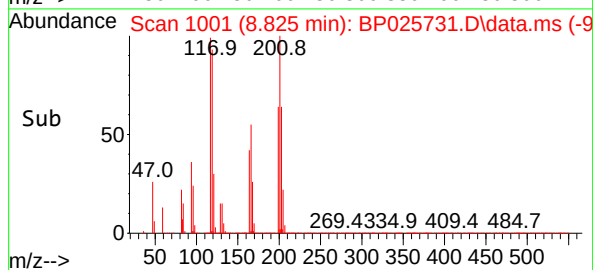
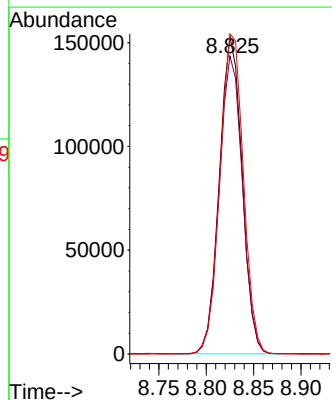
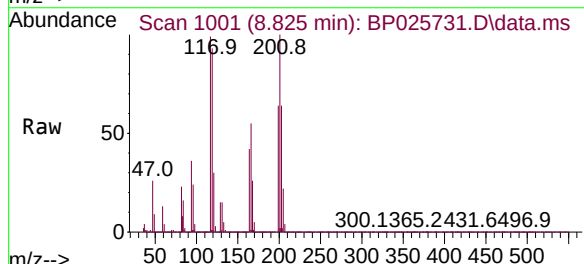
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

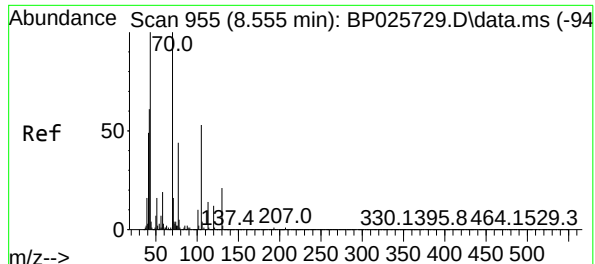
Tgt Ion:107 Resp: 515294  
Ion Ratio Lower Upper  
107 100  
108 111.7 89.6 134.4  
77 49.7 39.3 58.9  
79 48.0 37.8 56.6



#18  
Hexachloroethane  
Concen: 58.553 ng  
RT: 8.825 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:117 Resp: 255454  
Ion Ratio Lower Upper  
117 100  
119 93.9 77.1 115.7  
201 100.9 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 60.833 ng

RT: 8.560 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 500512

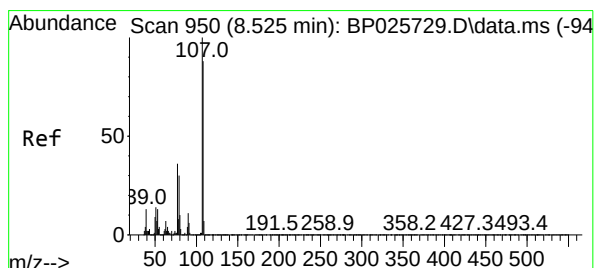
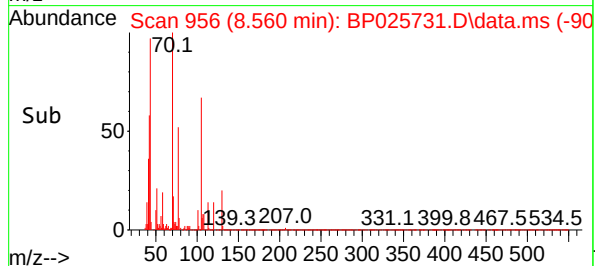
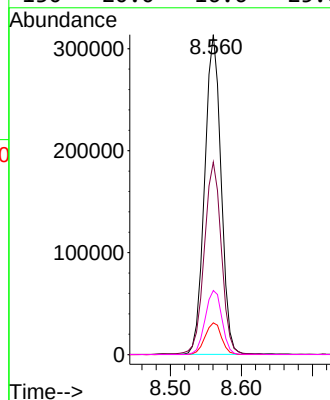
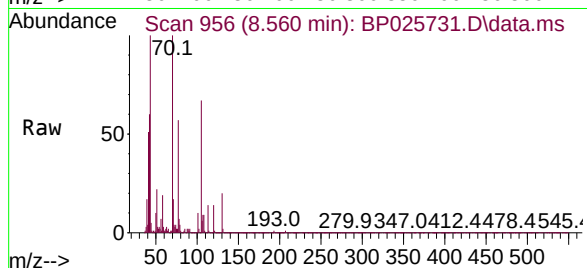
Ion Ratio Lower Upper

70 100

42 60.2 49.0 73.4

101 9.9 7.9 11.9

130 20.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 59.431 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion: 107 Resp: 706319

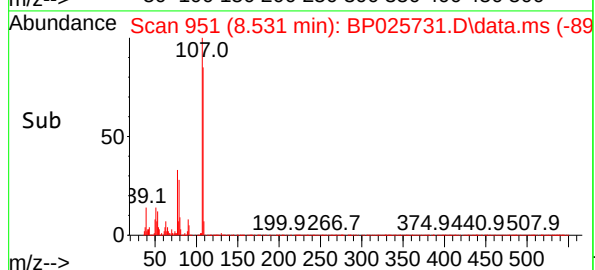
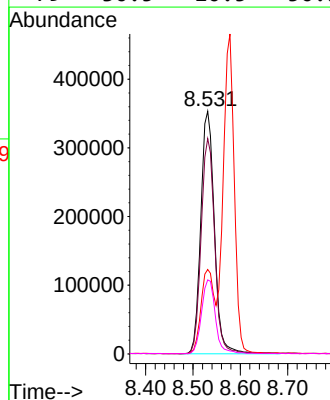
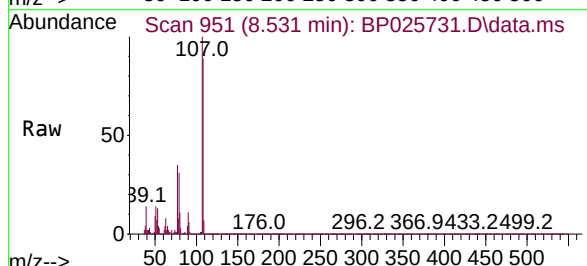
Ion Ratio Lower Upper

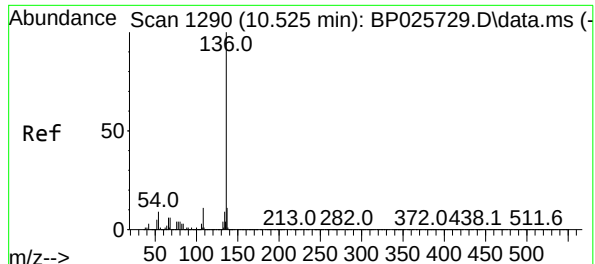
107 100

108 88.7 67.8 107.8

77 34.8 16.1 56.1

79 30.5 10.5 50.5

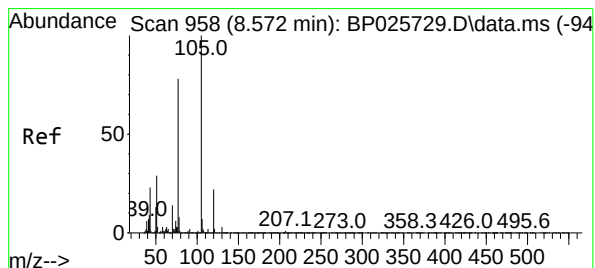
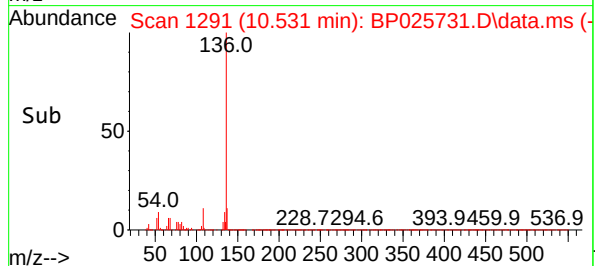
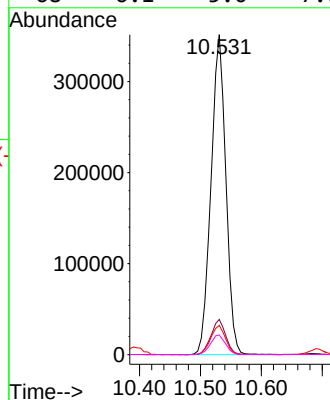
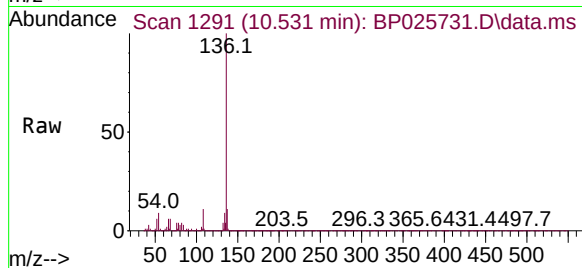




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.531 min Scan# 1291  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

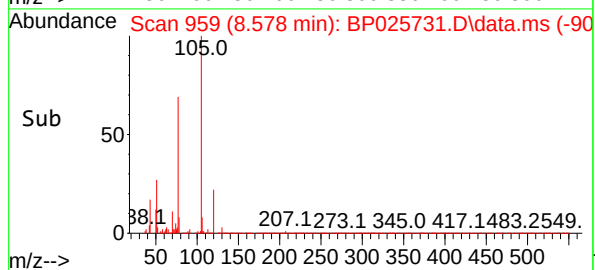
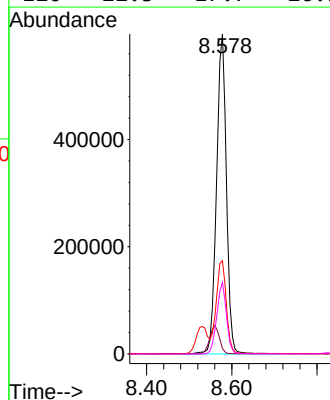
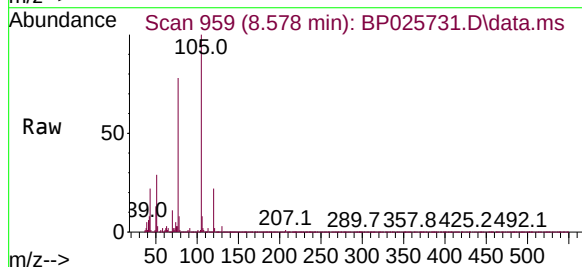
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

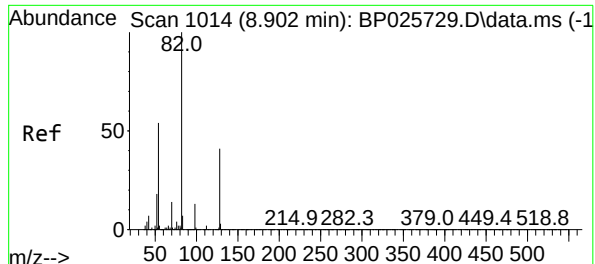
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.0  | 8.7   | 13.1  |
| 54      | 9.1   | 7.5   | 11.3  |
| 68      | 6.1   | 5.0   | 7.6   |



#22  
Acetophenone  
Concen: 60.398 ng  
RT: 8.578 min Scan# 959  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 1.7   | 1.8   | 2.8   |
| 51      | 29.1  | 23.5  | 35.3  |
| 120     | 22.3  | 17.7  | 26.5  |

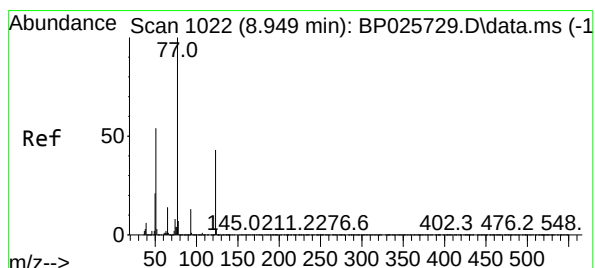
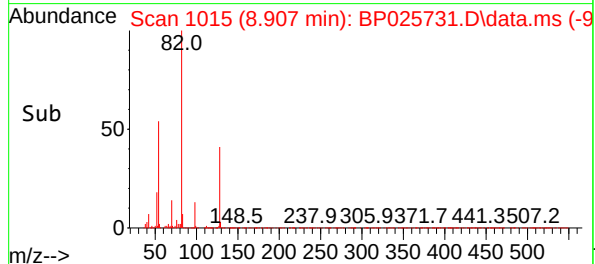
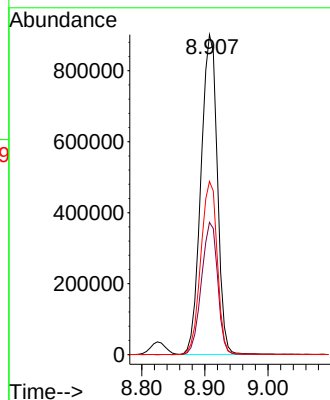
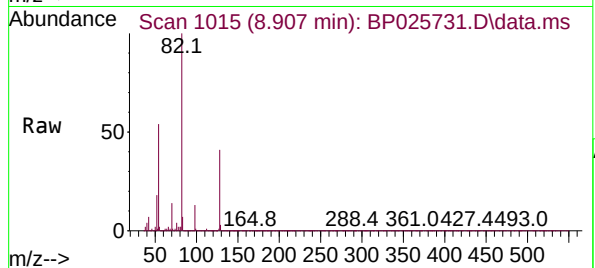




#23  
Nitrobenzene-d5  
Concen: 120.514 ng  
RT: 8.907 min Scan# 1015  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

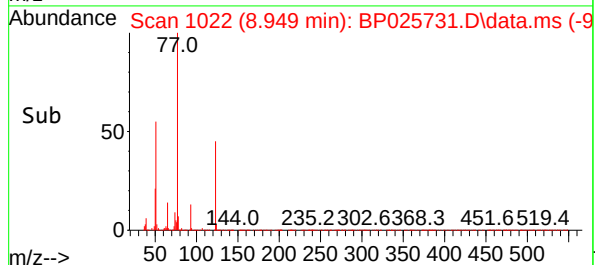
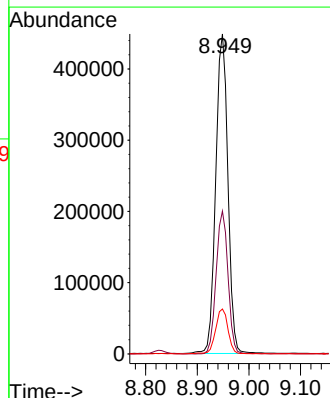
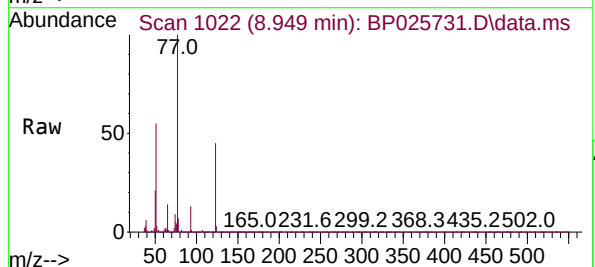
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

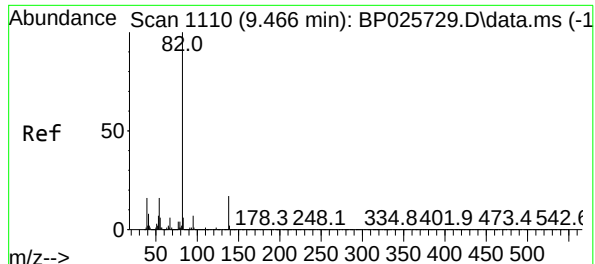
Tgt Ion: 82 Resp: 1624115  
Ion Ratio Lower Upper  
82 100  
128 41.3 32.9 49.3  
54 54.1 43.4 65.2



#24  
Nitrobenzene  
Concen: 60.626 ng  
RT: 8.949 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion: 77 Resp: 732954  
Ion Ratio Lower Upper  
77 100  
123 44.6 34.4 51.6  
65 14.0 10.8 16.2





#25

Isophorone

Concen: 59.586 ng

RT: 9.472 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

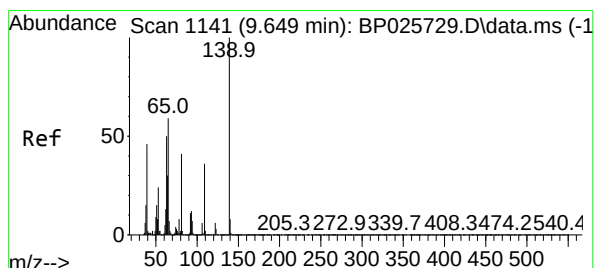
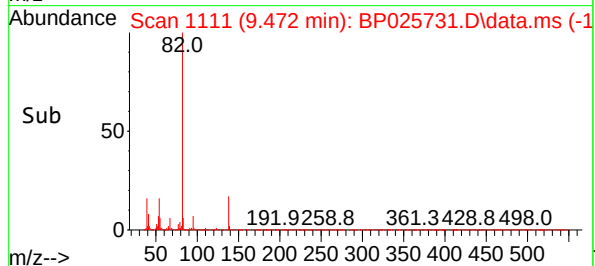
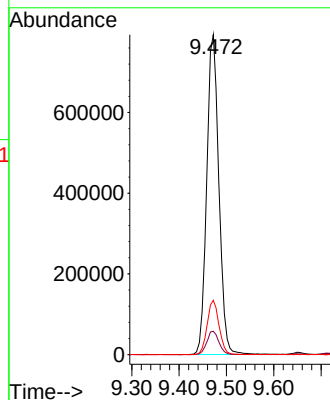
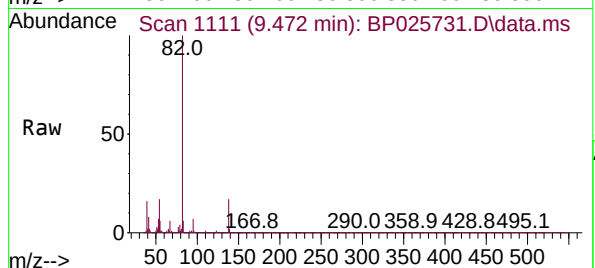
Tgt Ion: 82 Resp: 1411439

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

138 17.0 13.5 20.3



#26

2-Nitrophenol

Concen: 63.706 ng

RT: 9.654 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

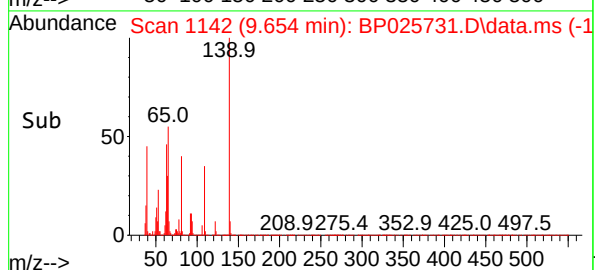
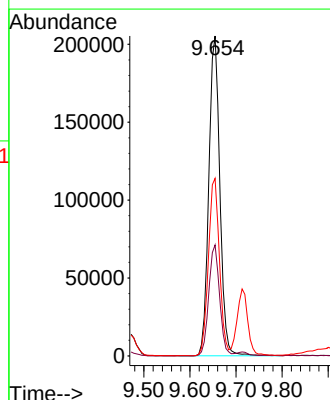
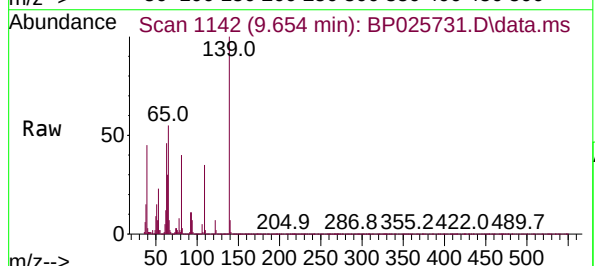
Tgt Ion: 139 Resp: 341952

Ion Ratio Lower Upper

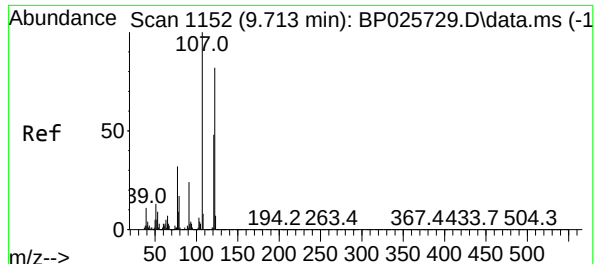
139 100

109 34.7 29.0 43.4

65 55.5 46.9 70.3







#27

2,4-Dimethylphenol

Concen: 60.651 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

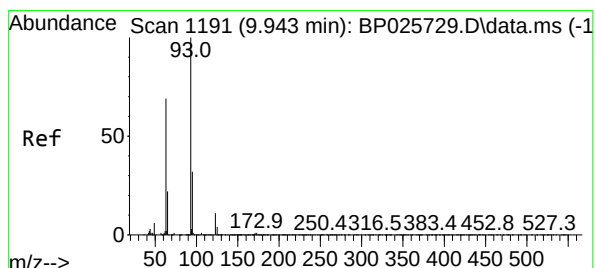
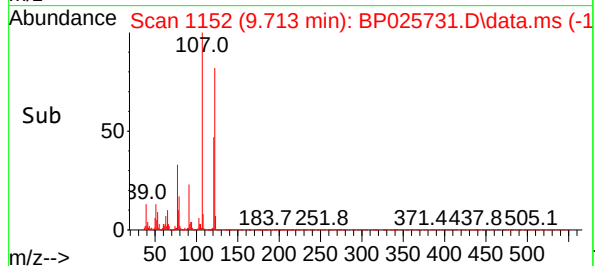
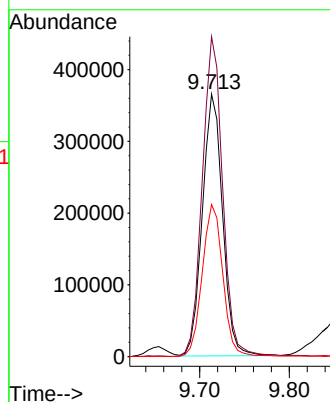
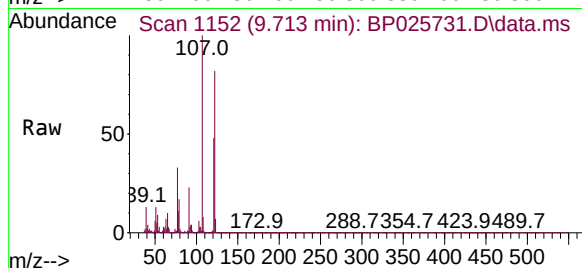
Tgt Ion:122 Resp: 571131

Ion Ratio Lower Upper

122 100

107 121.9 97.9 146.9

121 57.9 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 58.855 ng

RT: 9.948 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

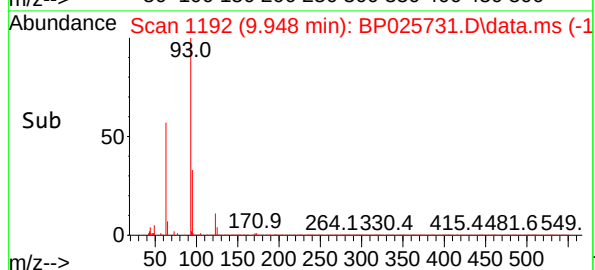
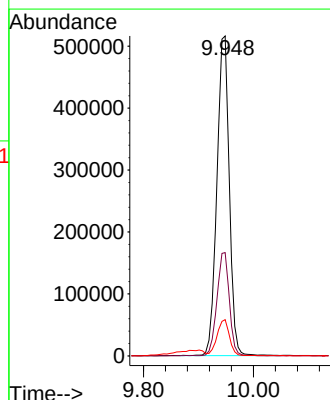
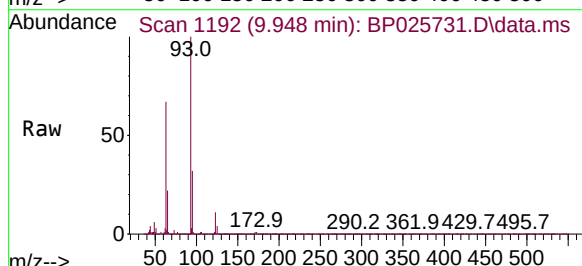
Tgt Ion: 93 Resp: 805869

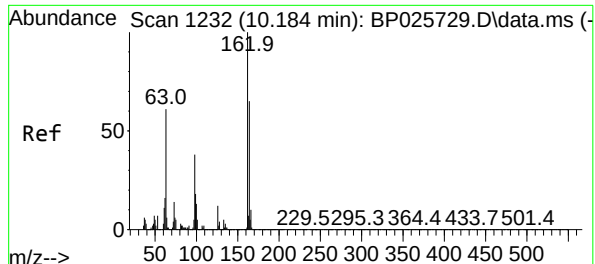
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 62.152 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

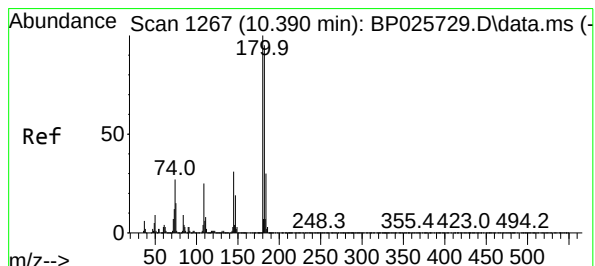
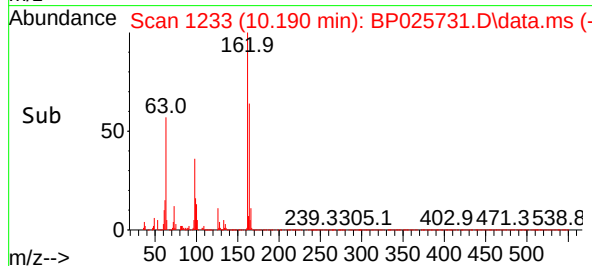
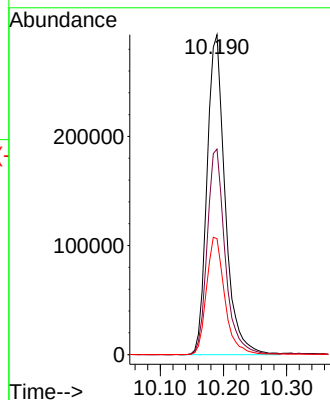
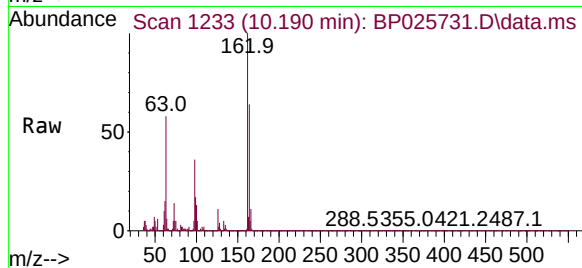
Tgt Ion:162 Resp: 583539

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 36.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 58.392 ng

RT: 10.396 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

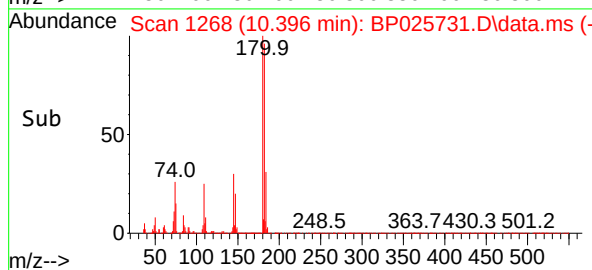
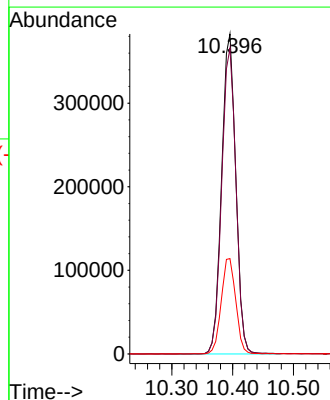
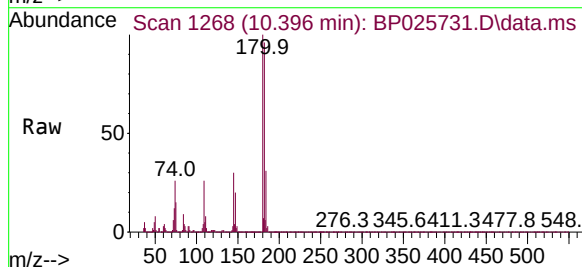
Tgt Ion:180 Resp: 617864

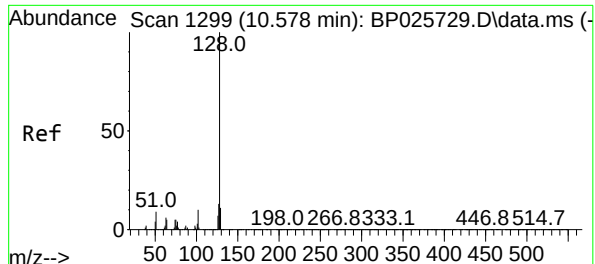
Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 29.8 24.7 37.1

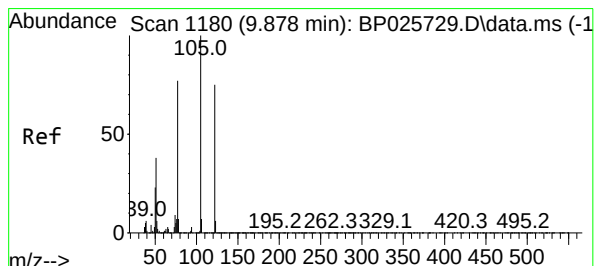
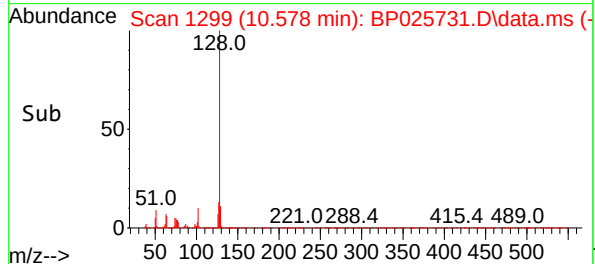
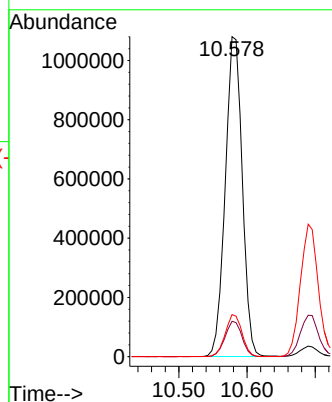
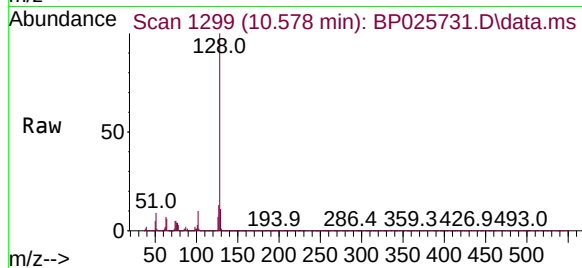




#31  
Naphthalene  
Concen: 58.065 ng  
RT: 10.578 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

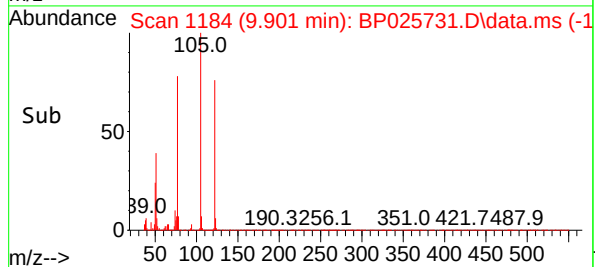
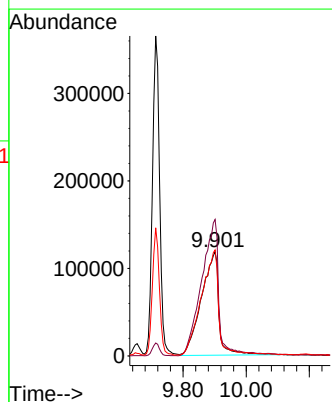
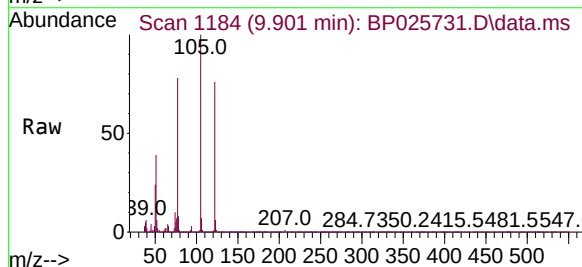
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

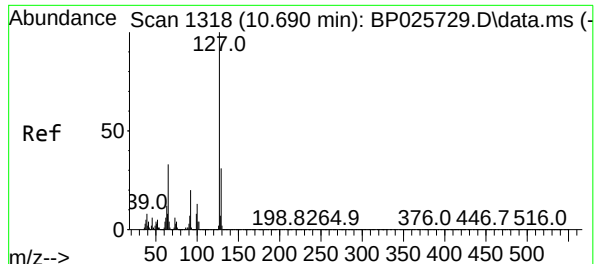
Tgt Ion:128 Resp: 1861226  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 12.8  
127 13.1 10.2 15.4



#32  
Benzoic acid  
Concen: 65.376 ng  
RT: 9.901 min Scan# 1184  
Delta R.T. 0.023 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:122 Resp: 457710  
Ion Ratio Lower Upper  
122 100  
105 131.1 111.5 151.5  
77 101.9 81.8 121.8

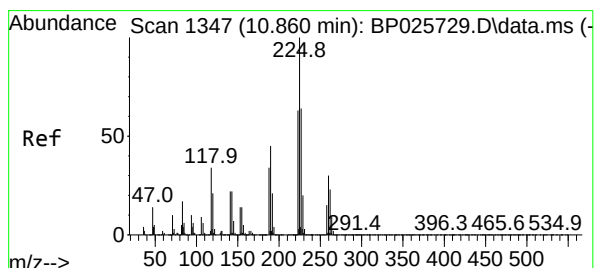
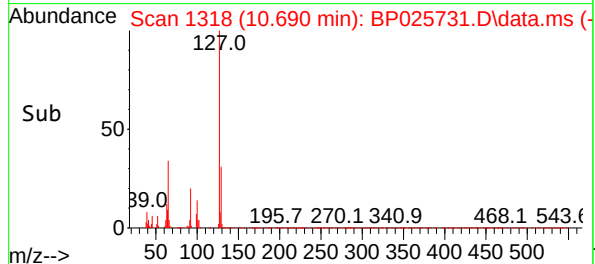
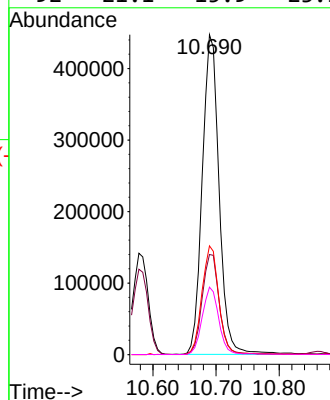
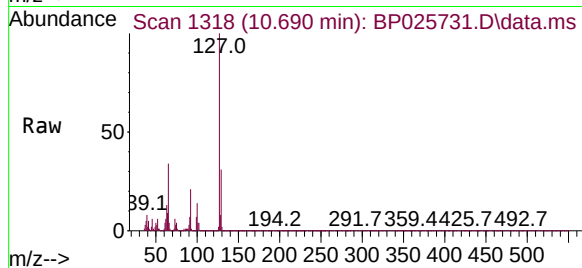




#33  
4-Chloroaniline  
Concen: 62.014 ng  
RT: 10.690 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

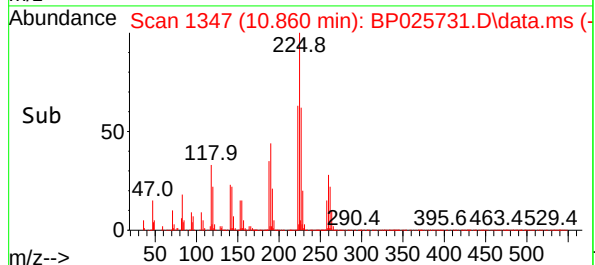
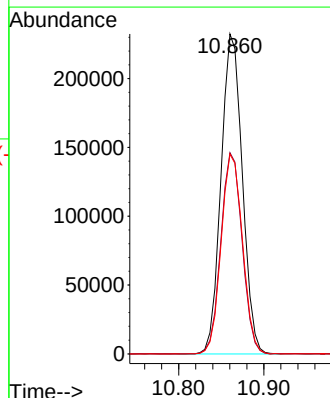
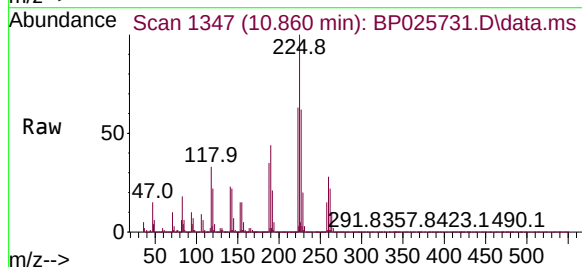
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

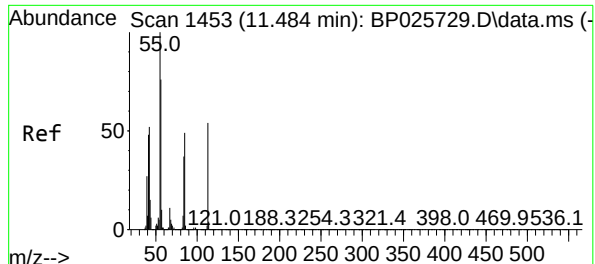
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 828517 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 25.1  | 37.7   |
| 65       | 34.0  | 26.4  | 39.6   |
| 92       | 21.1  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 59.079 ng  
RT: 10.860 min Scan# 1347  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 402426 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.1  | 75.1   |
| 227      | 62.4  | 51.2  | 76.8   |

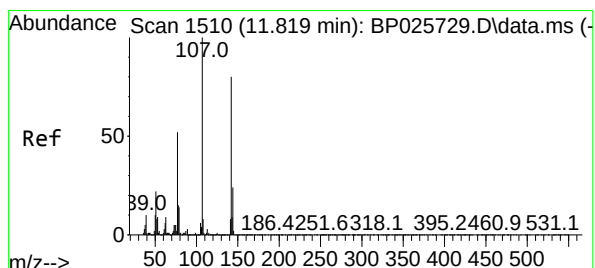
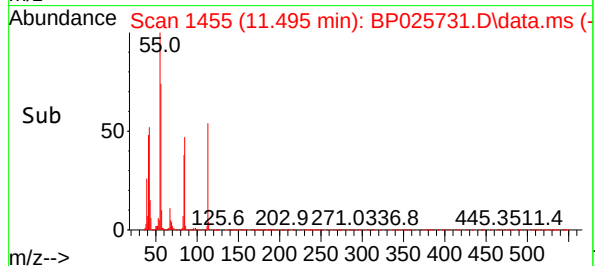
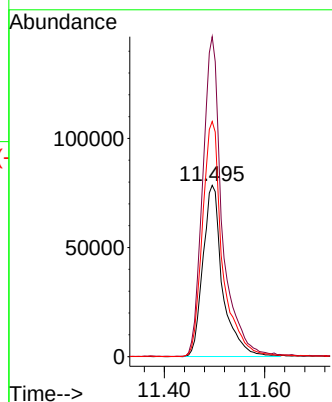
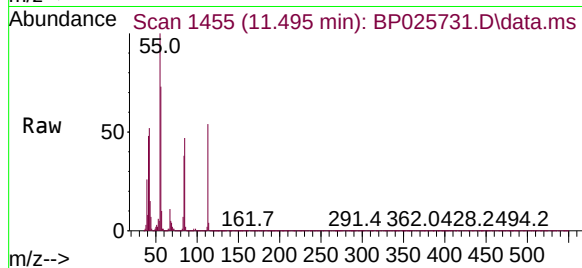




#35  
Caprolactam  
Concen: 59.232 ng  
RT: 11.495 min Scan# 1453  
Delta R.T. 0.012 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

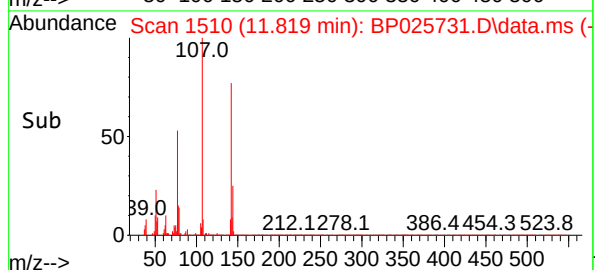
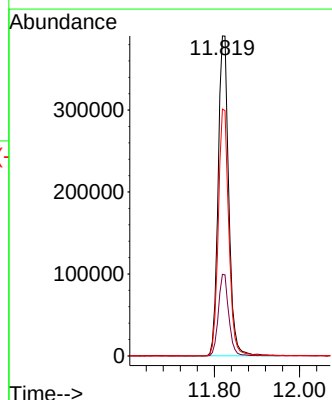
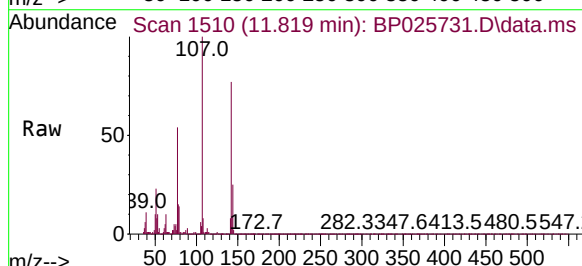
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

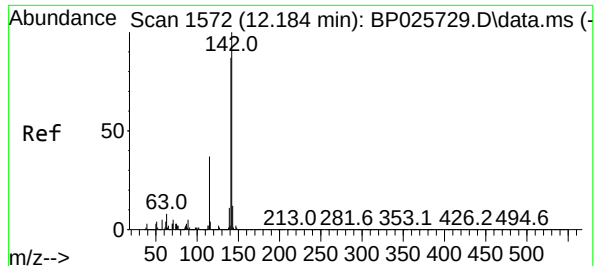
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 186.8 | 165.5 | 205.5 |
| 56      | 137.2 | 121.1 | 161.1 |



#36  
4-Chloro-3-methylphenol  
Concen: 60.073 ng  
RT: 11.819 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.5  | 19.4  | 29.2  |
| 142     | 77.1  | 63.8  | 95.6  |

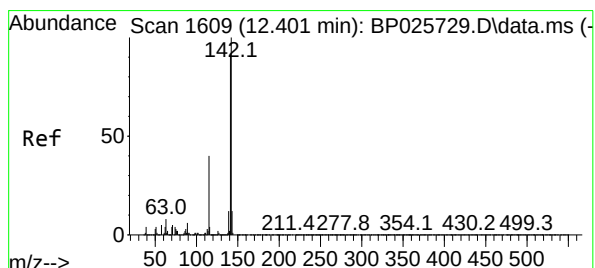
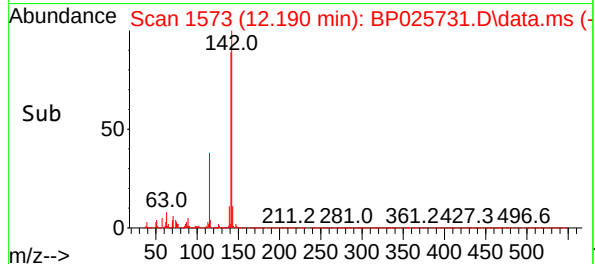
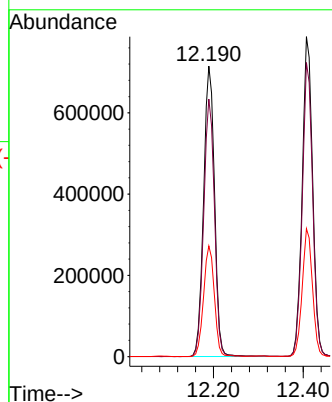
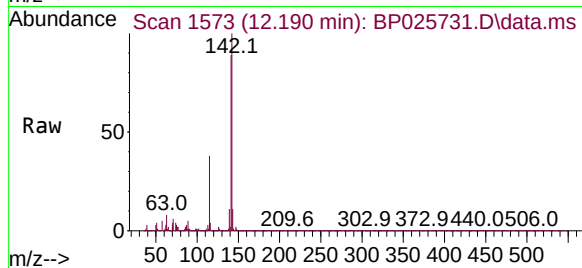




#37  
2-Methylnaphthalene  
Concen: 58.676 ng  
RT: 12.190 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

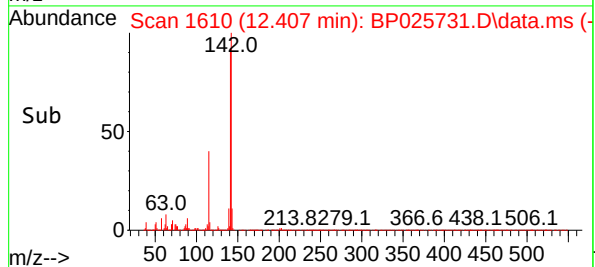
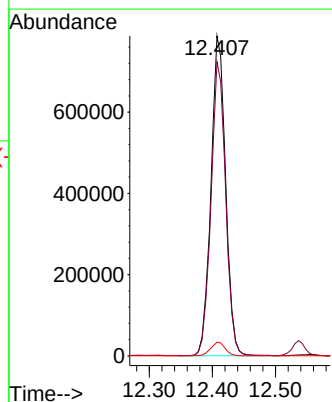
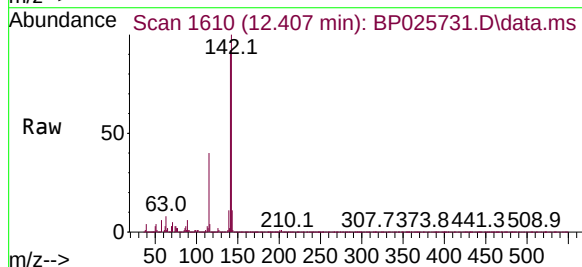
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

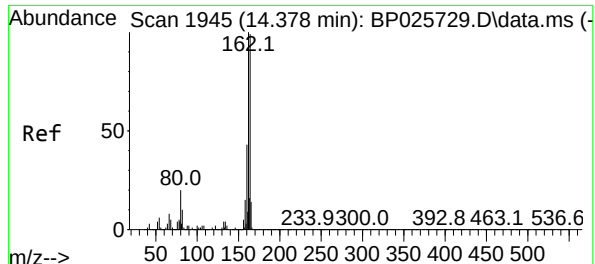
Tgt Ion:142 Resp: 1207999  
Ion Ratio Lower Upper  
142 100  
141 88.7 69.6 104.4  
115 38.1 30.0 45.0



#38  
1-Methylnaphthalene  
Concen: 57.909 ng  
RT: 12.407 min Scan# 1610  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:142 Resp: 1271354  
Ion Ratio Lower Upper  
142 100  
141 91.9 72.7 109.1  
116 4.3 3.5 5.3

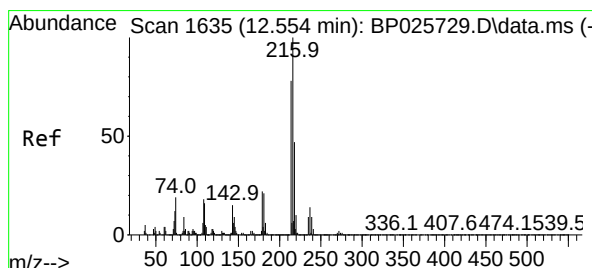
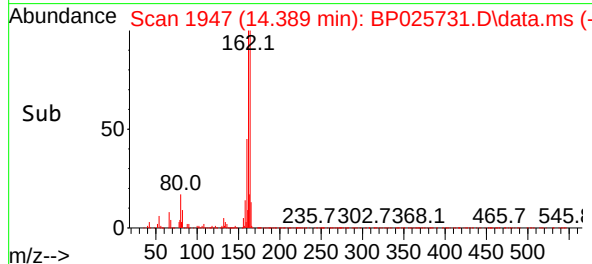
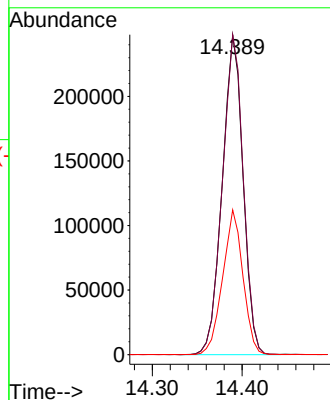
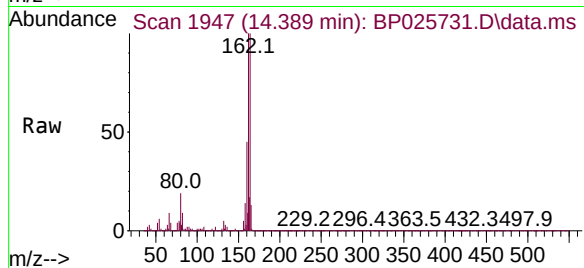




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.389 min Scan# 1947  
Delta R.T. 0.012 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

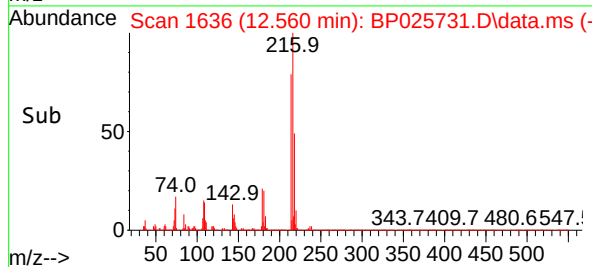
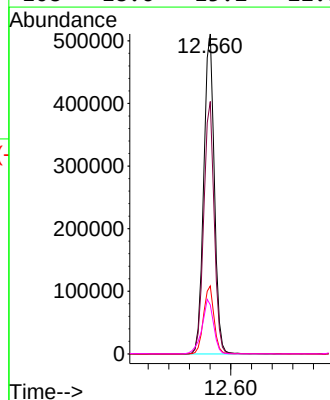
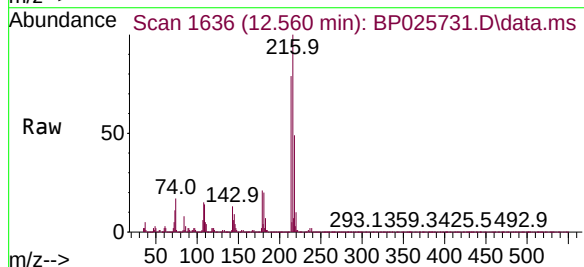
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

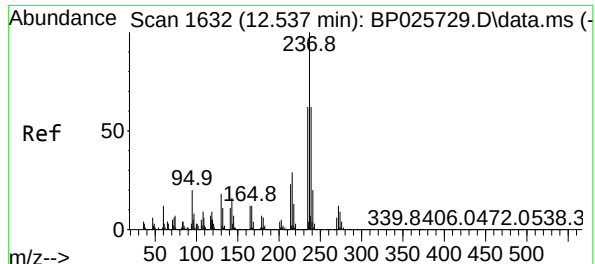
Tgt Ion:164 Resp: 399973  
Ion Ratio Lower Upper  
164 100  
162 100.2 80.6 120.8  
160 45.4 35.0 52.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 59.814 ng  
RT: 12.560 min Scan# 1636  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:216 Resp: 724963  
Ion Ratio Lower Upper  
216 100  
214 77.9 62.4 93.6  
179 21.1 17.0 25.6  
108 18.6 15.2 22.8

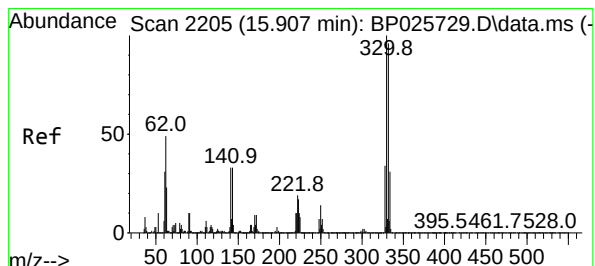
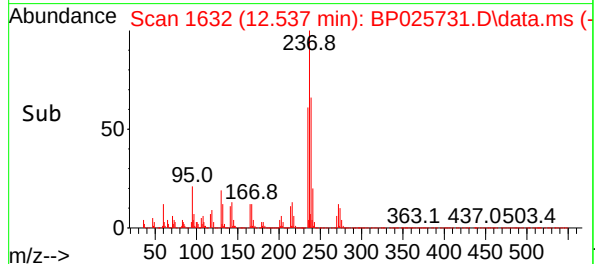
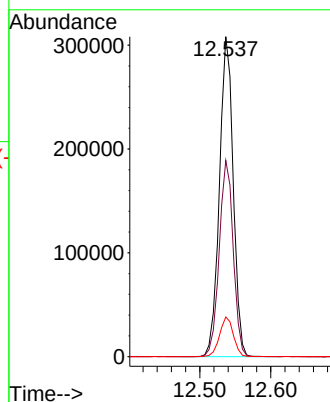
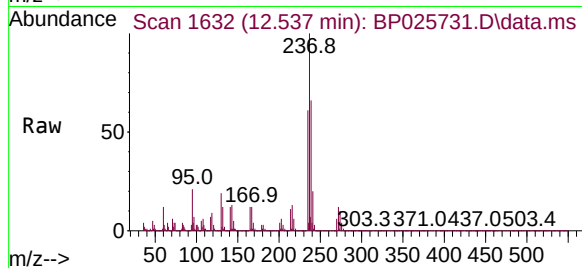




#41  
Hexachlorocyclopentadiene  
Concen: 63.104 ng  
RT: 12.537 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

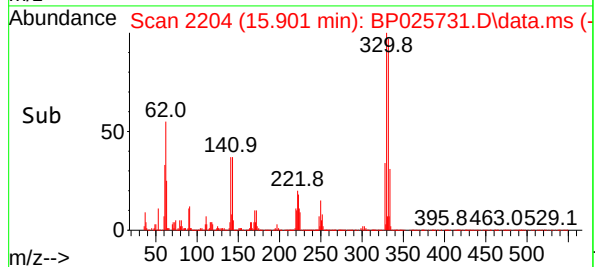
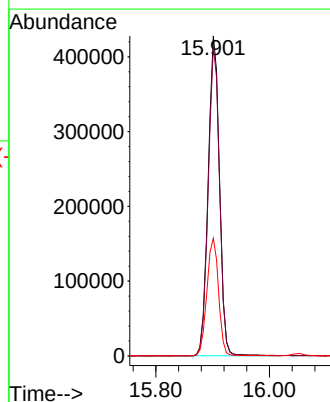
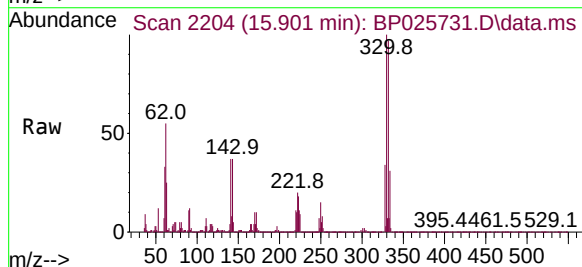
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 61.3  | 41.9  | 81.9  |
| 272     | 12.4  | 0.0   | 31.8  |

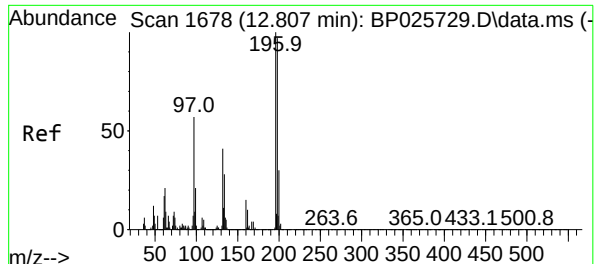


#42  
2,4,6-Tribromophenol  
Concen: 119.643 ng  
RT: 15.901 min Scan# 2204  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 76.9  | 115.3 |
| 141     | 37.5  | 31.0  | 46.4  |







#43

2,4,6-Trichlorophenol

Concen: 61.525 ng

RT: 12.807 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

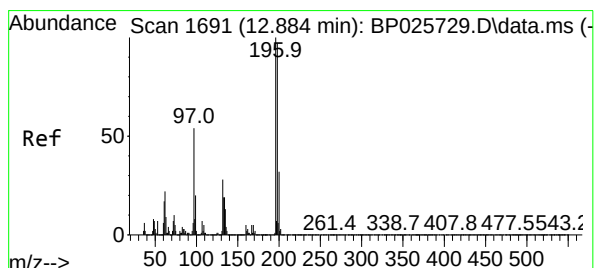
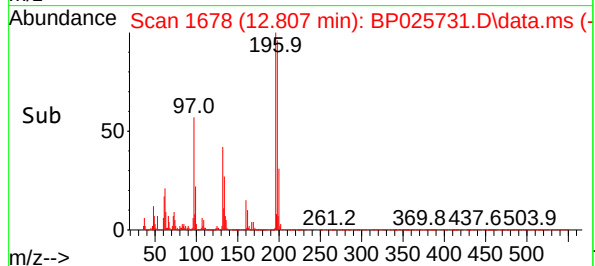
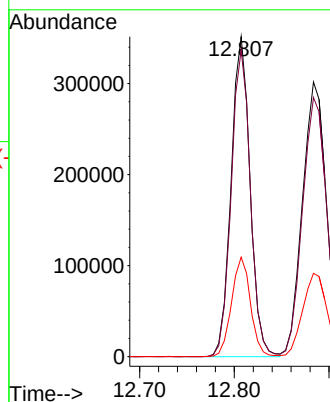
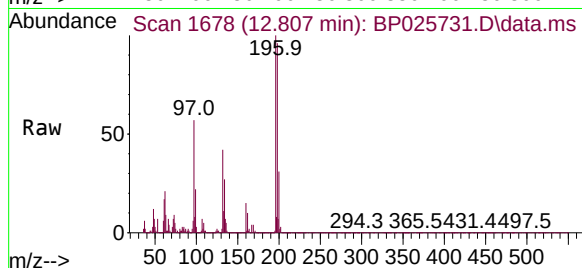
Tgt Ion:196 Resp: 490224

Ion Ratio Lower Upper

196 100

198 95.8 77.2 115.8

200 31.1 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 61.887 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion:196 Resp: 548795

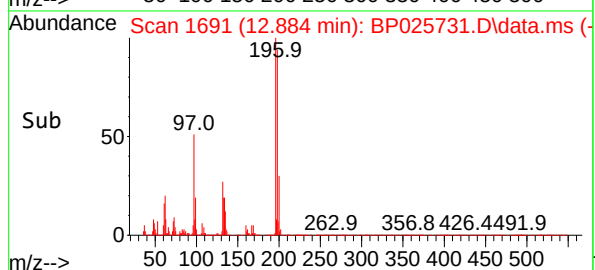
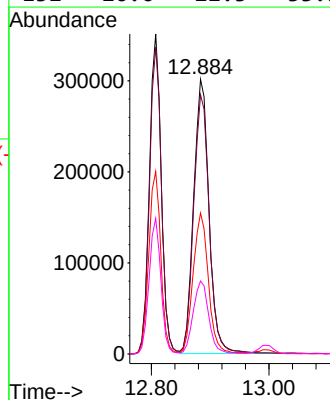
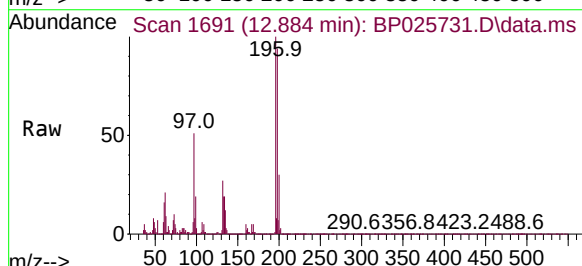
Ion Ratio Lower Upper

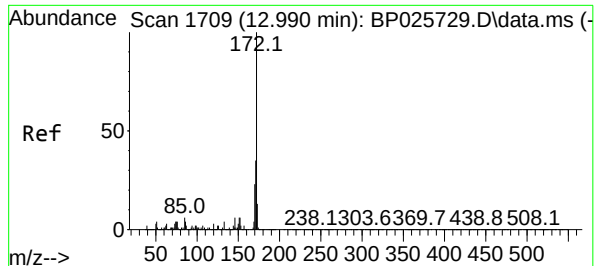
196 100

198 94.4 77.8 116.8

97 51.3 43.3 64.9

132 26.6 22.3 33.5

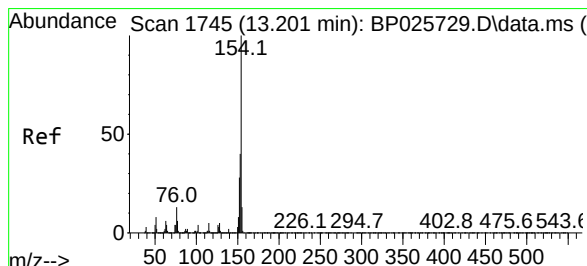
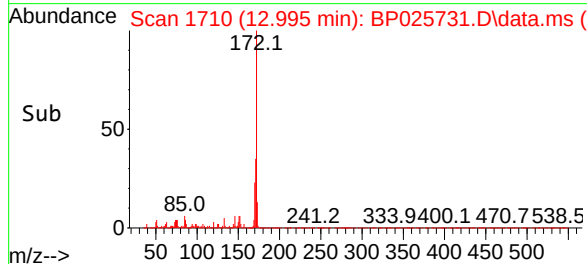
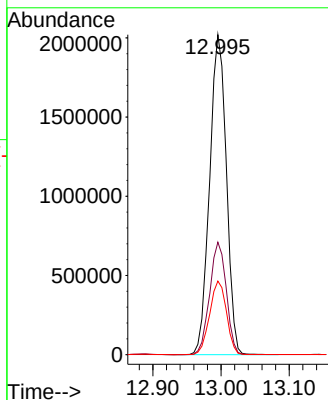
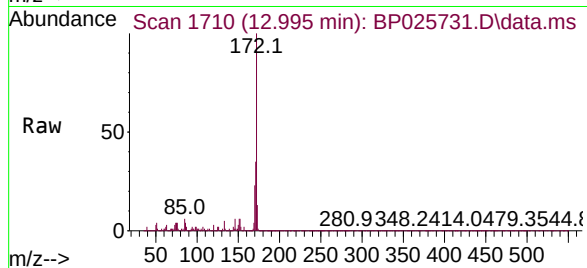




#45  
2-Fluorobiphenyl  
Concen: 114.546 ng  
RT: 12.995 min Scan# 1709  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

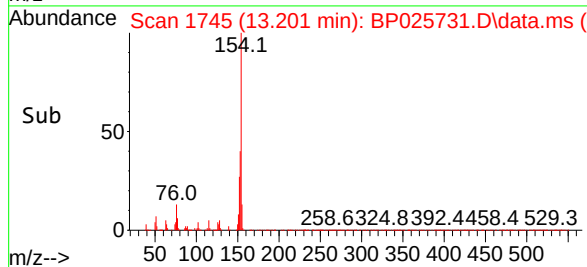
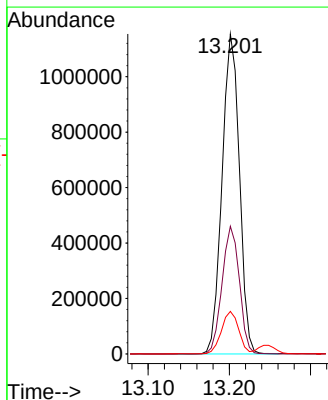
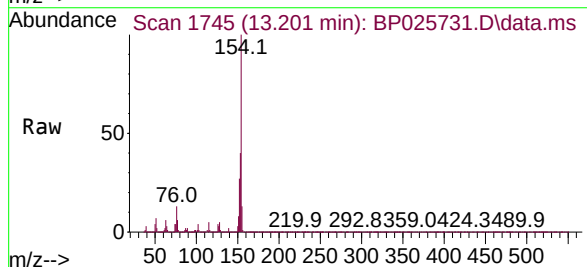
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

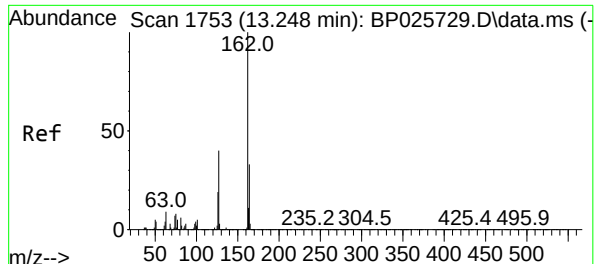
Tgt Ion:172 Resp: 3440852  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.6  
170 23.0 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 58.250 ng  
RT: 13.201 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:154 Resp: 1710115  
Ion Ratio Lower Upper  
154 100  
153 39.9 19.7 59.7  
76 13.3 0.0 33.3

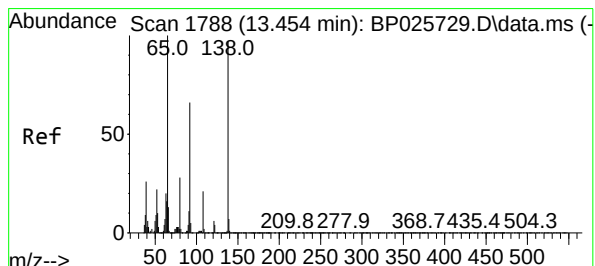
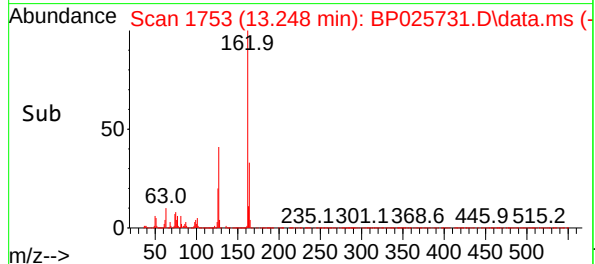
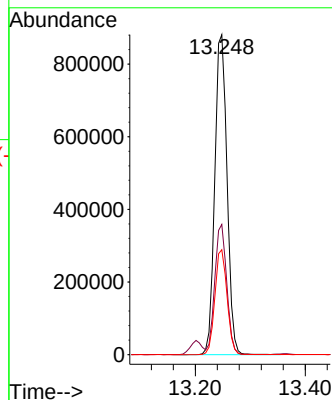
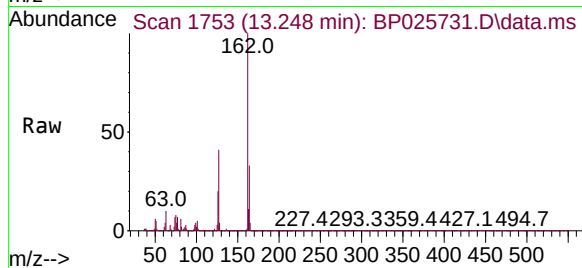




#47  
2-Chloronaphthalene  
Concen: 58.754 ng  
RT: 13.248 min Scan# 1753  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

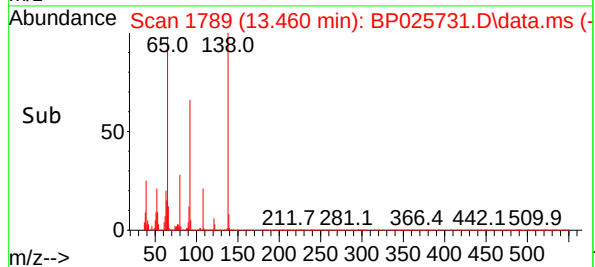
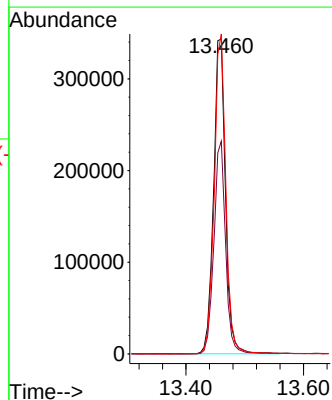
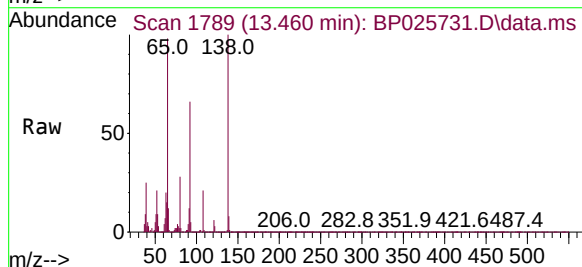
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

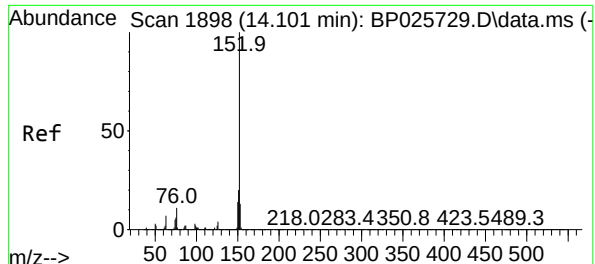
Tgt Ion:162 Resp: 1358189  
Ion Ratio Lower Upper  
162 100  
127 40.7 32.2 48.4  
164 32.8 26.5 39.7



#48  
2-Nitroaniline  
Concen: 62.541 ng  
RT: 13.460 min Scan# 1789  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion: 65 Resp: 481928  
Ion Ratio Lower Upper  
65 100  
92 67.6 53.1 79.7  
138 101.6 77.8 116.8





#49

Acenaphthylene

Concen: 58.613 ng

RT: 14.113 min Scan# 1900

Delta R.T. 0.012 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

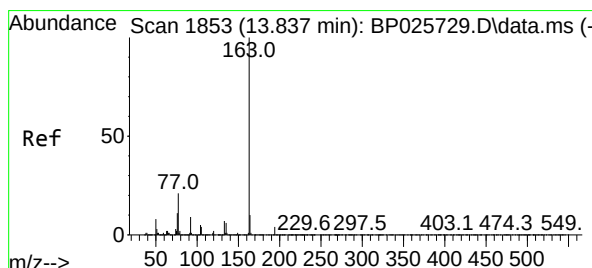
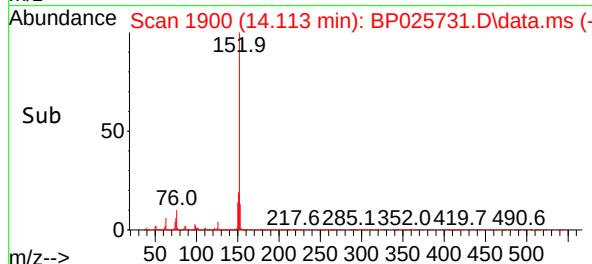
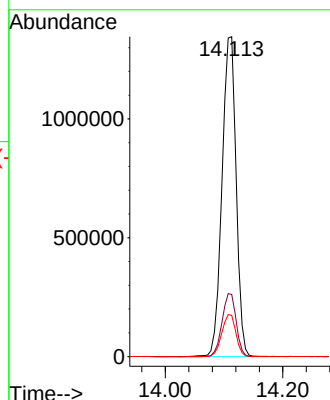
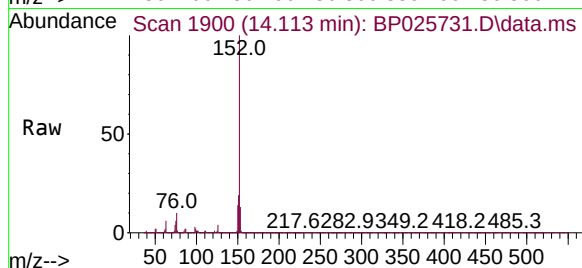
Tgt Ion:152 Resp: 2244987

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 56.838 ng

RT: 13.836 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

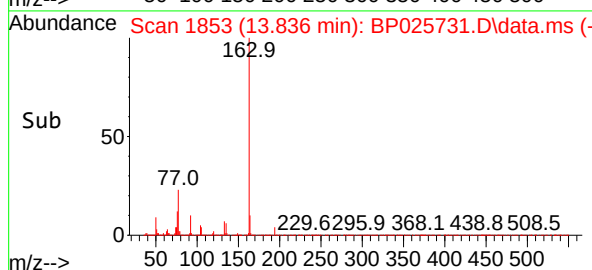
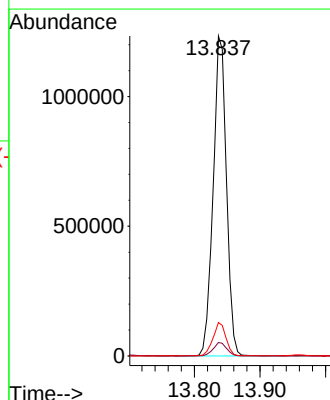
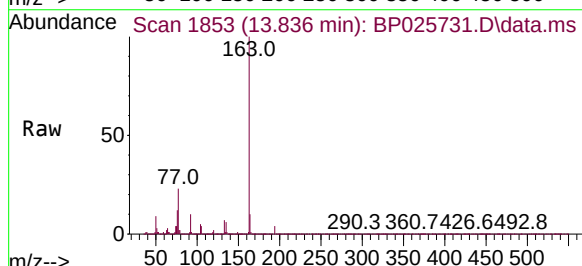
Tgt Ion:163 Resp: 1735637

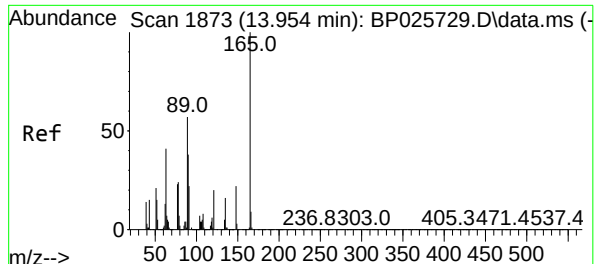
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 8.2 12.2

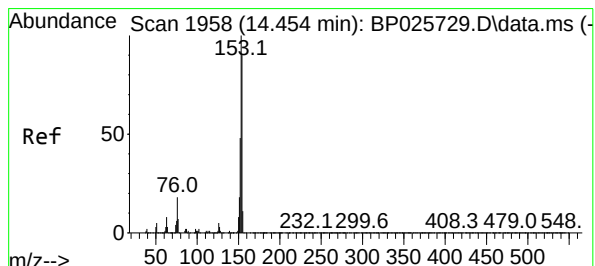
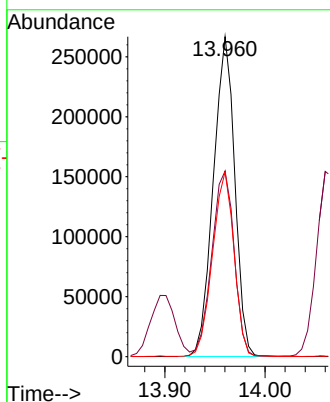
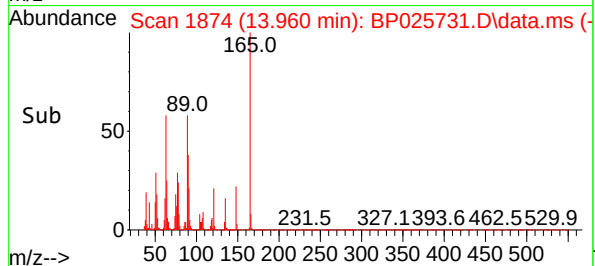
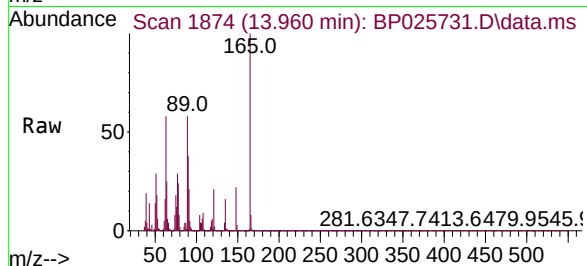




#51  
2,6-Dinitrotoluene  
Concen: 61.166 ng  
RT: 13.960 min Scan# 1873  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

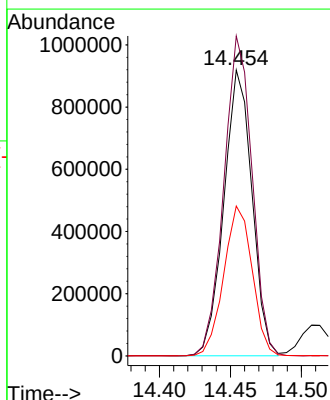
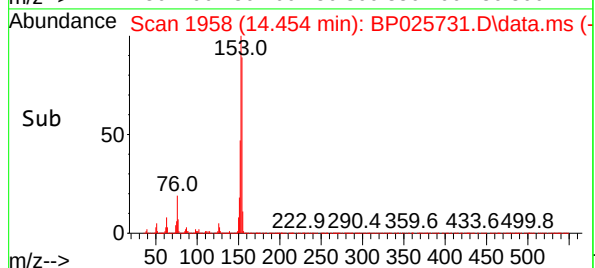
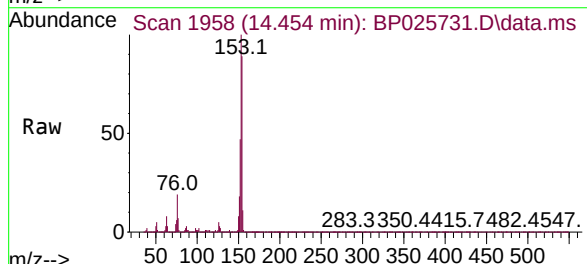
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

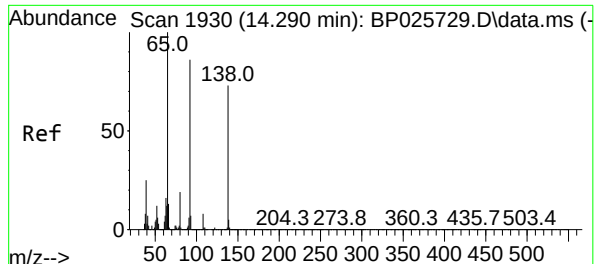
Tgt Ion:165 Resp: 395721  
Ion Ratio Lower Upper  
165 100  
63 58.0 48.1 72.1  
89 57.7 45.4 68.0



#52  
Acenaphthene  
Concen: 57.334 ng  
RT: 14.454 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:154 Resp: 1266404  
Ion Ratio Lower Upper  
154 100  
153 112.0 89.4 134.0  
152 52.4 42.5 63.7

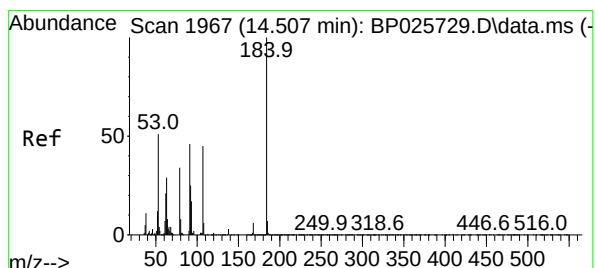
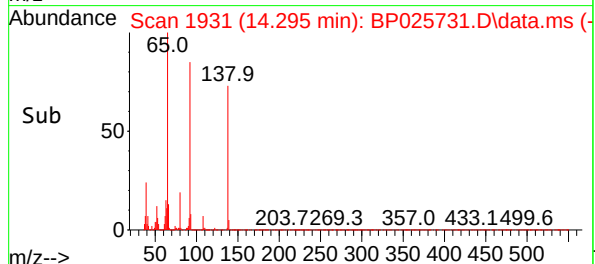
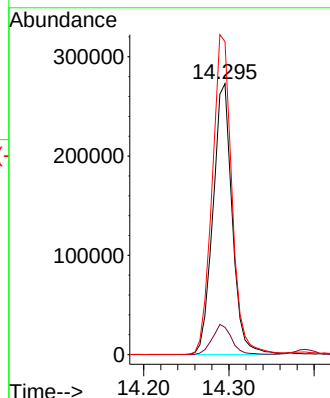
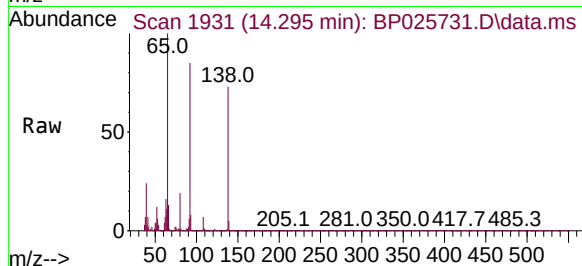




#53  
3-Nitroaniline  
Concen: 62.976 ng  
RT: 14.295 min Scan# 1930  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

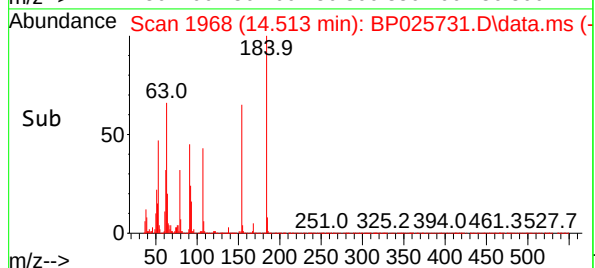
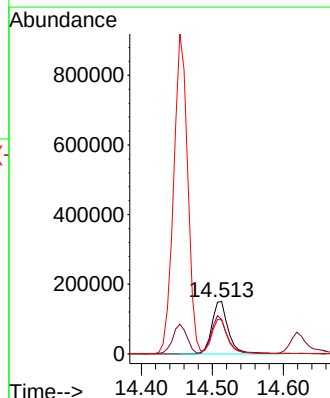
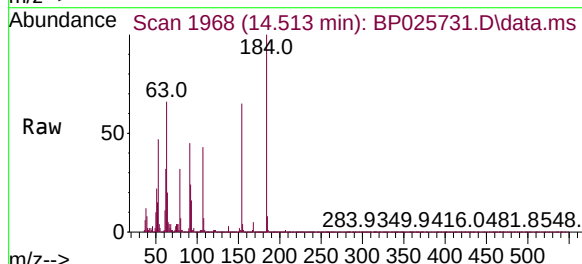
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

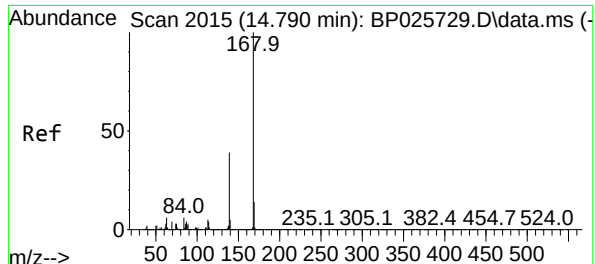
Tgt Ion:138 Resp: 428446  
Ion Ratio Lower Upper  
138 100  
108 10.1 8.7 13.1  
92 115.5 94.6 142.0



#54  
2,4-Dinitrophenol  
Concen: 58.695 ng  
RT: 14.513 min Scan# 1968  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:184 Resp: 241144  
Ion Ratio Lower Upper  
184 100  
63 66.0 52.5 78.7  
154 65.2 51.5 77.3

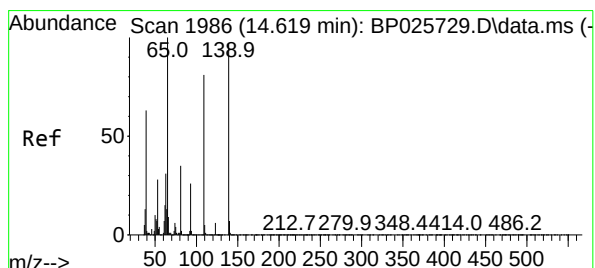
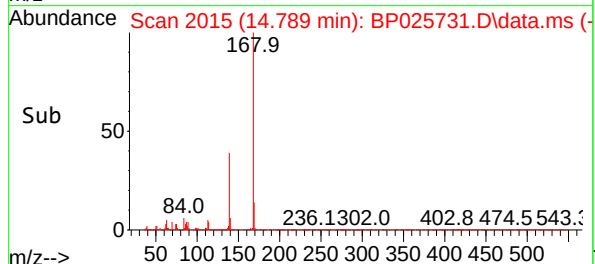
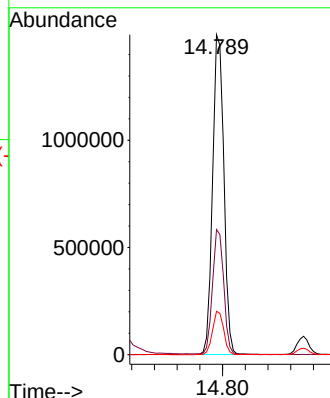
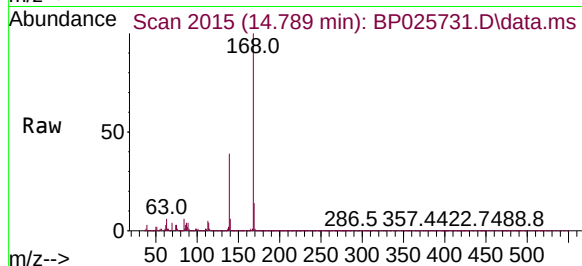




#55  
Dibenzofuran  
Concen: 57.280 ng  
RT: 14.789 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

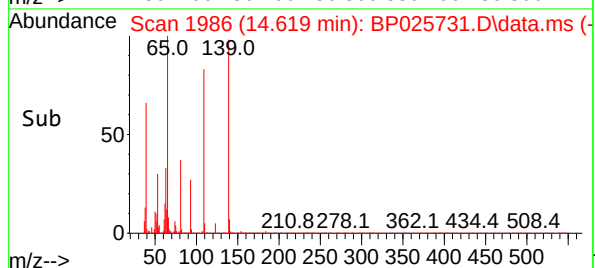
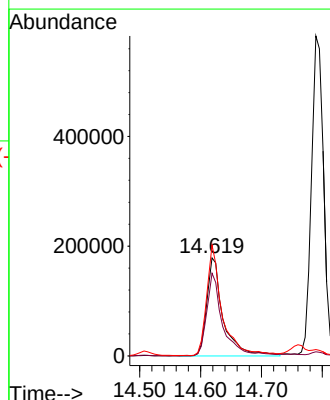
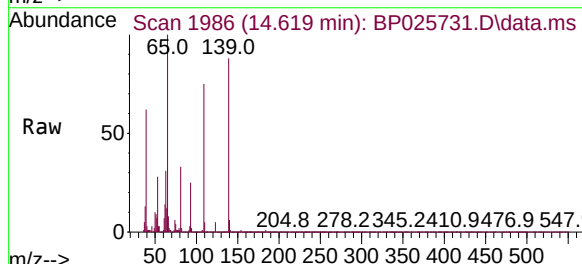
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

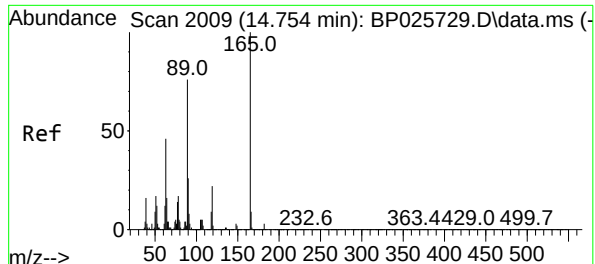
Tgt Ion:168 Resp: 2062085  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.7 47.5  
169 13.6 10.8 16.2



#56  
4-Nitrophenol  
Concen: 58.606 ng  
RT: 14.619 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:139 Resp: 335924  
Ion Ratio Lower Upper  
139 100  
109 84.3 62.9 102.9  
65 113.1 83.4 123.4

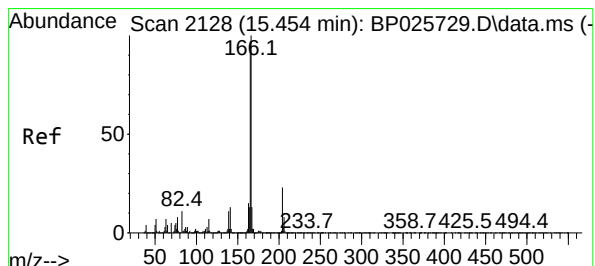
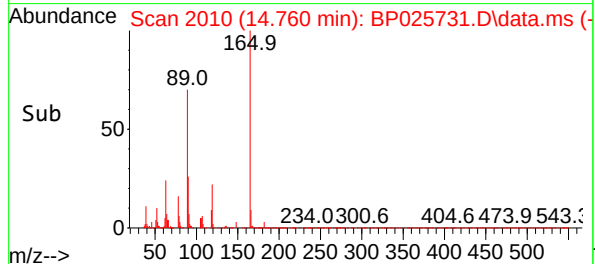
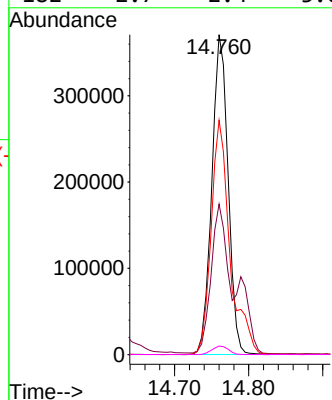
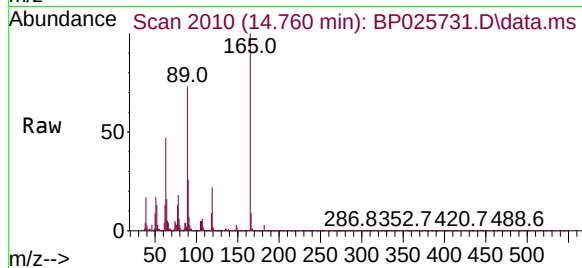




#57  
2,4-Dinitrotoluene  
Concen: 61.363 ng  
RT: 14.760 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

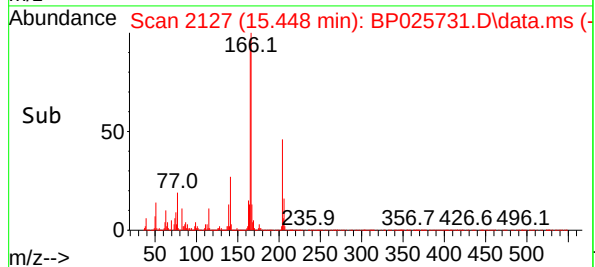
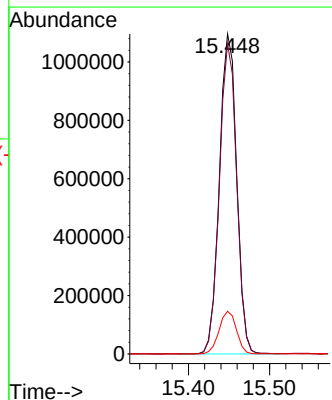
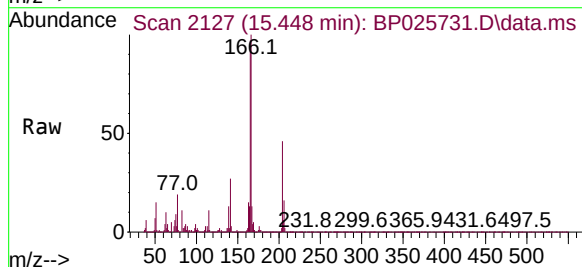
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.0  | 37.7  | 56.5  |
| 89      | 73.2  | 61.0  | 91.6  |
| 182     | 2.7   | 2.4   | 3.6   |

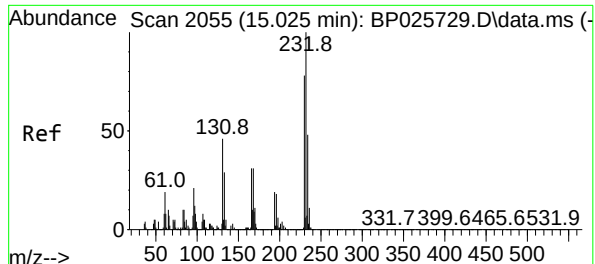


#58  
Fluorene  
Concen: 56.587 ng  
RT: 15.448 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.9  | 77.7  | 116.5 |
| 167     | 13.3  | 10.6  | 16.0  |







#59

2,3,4,6-Tetrachlorophenol

Concen: 59.043 ng

RT: 15.025 min Scan# 2055

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 471644

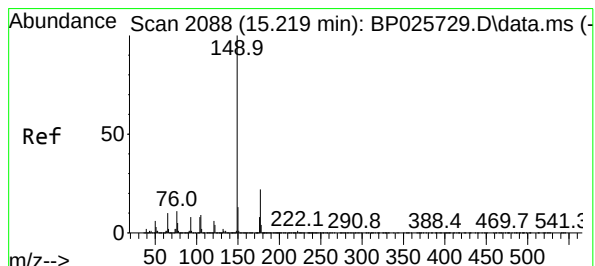
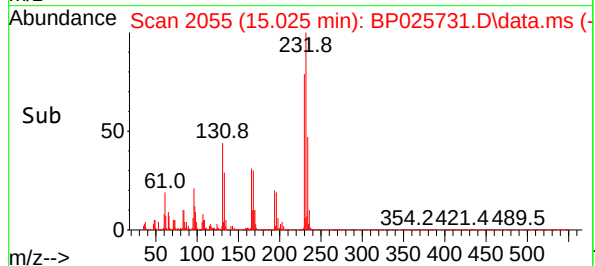
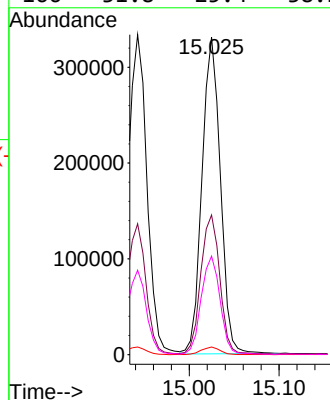
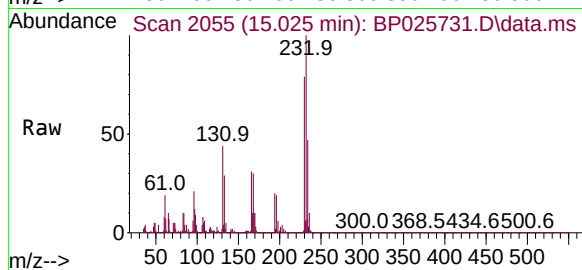
Ion Ratio Lower Upper

232 100

131 45.9 36.7 55.1

130 2.5 2.0 3.0

166 31.8 25.4 38.2



#60

Diethylphthalate

Concen: 57.046 ng

RT: 15.225 min Scan# 2089

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

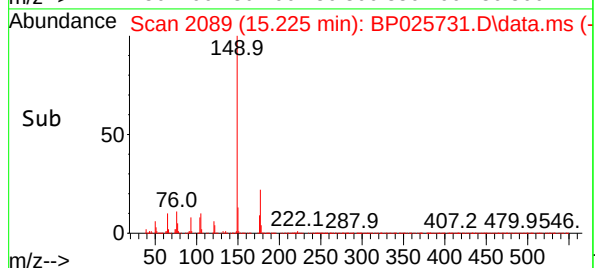
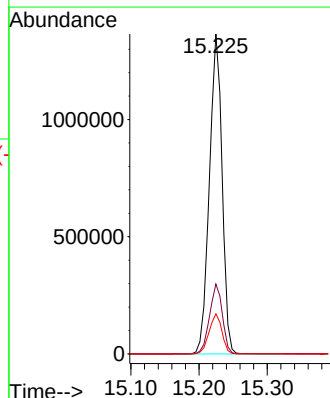
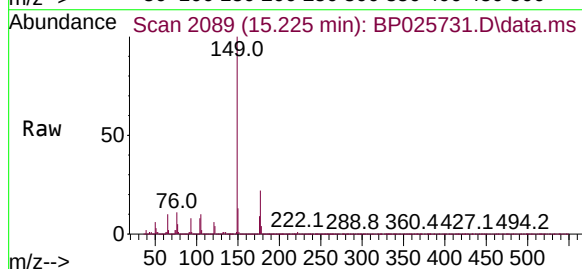
Tgt Ion:149 Resp: 1767001

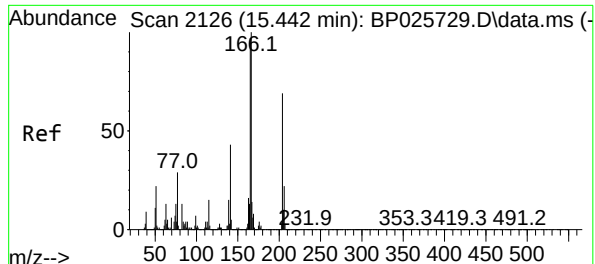
Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

150 12.5 10.0 15.0

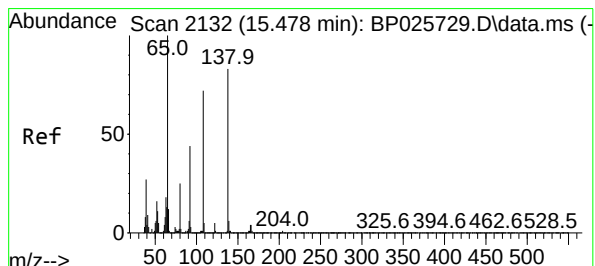
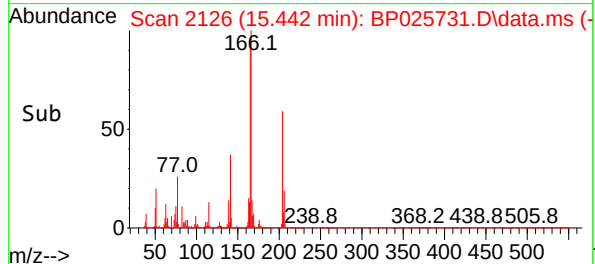
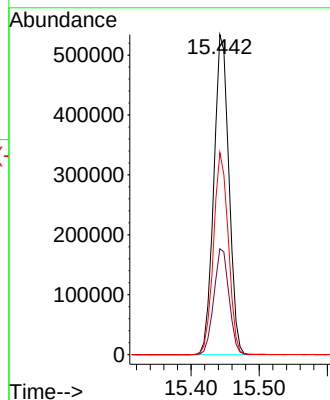
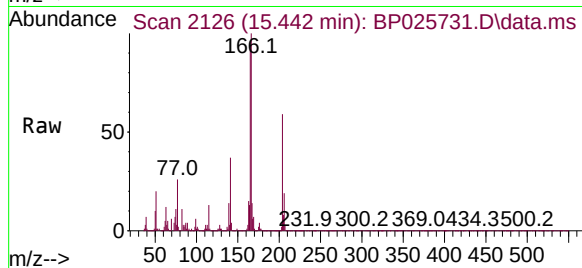




#61  
4-Chlorophenyl-phenylether  
Concen: 56.642 ng  
RT: 15.442 min Scan# 2126  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

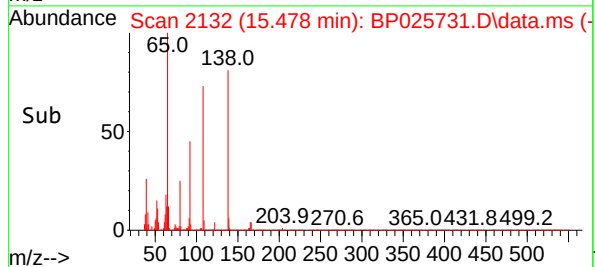
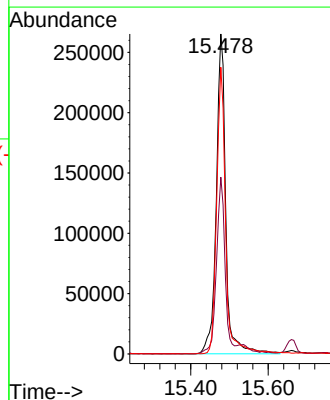
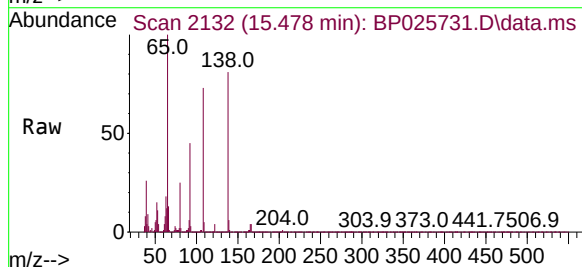
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

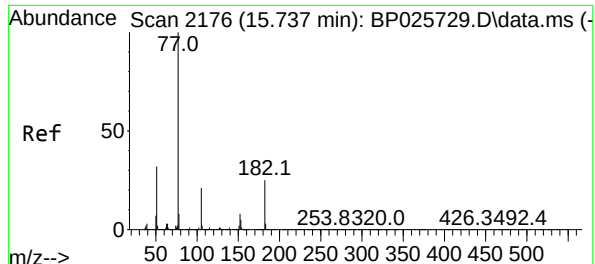
Tgt Ion:204 Resp: 817173  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.0 39.0  
141 63.1 49.7 74.5



#62  
4-Nitroaniline  
Concen: 64.802 ng  
RT: 15.478 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:138 Resp: 451315  
Ion Ratio Lower Upper  
138 100  
92 55.2 33.3 73.3  
108 89.6 66.7 106.7



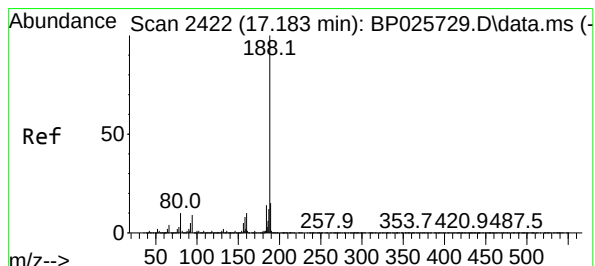
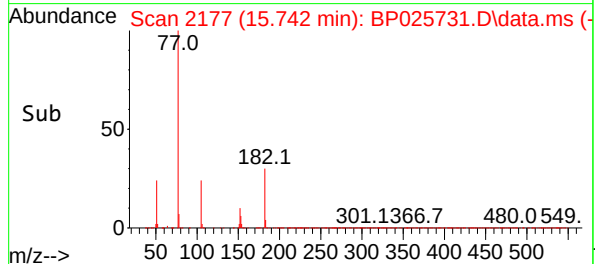
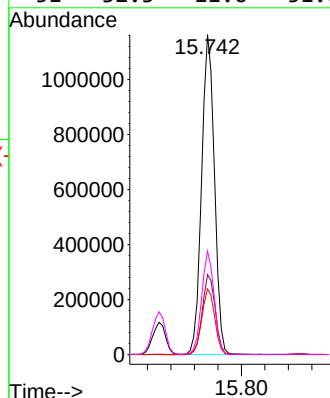
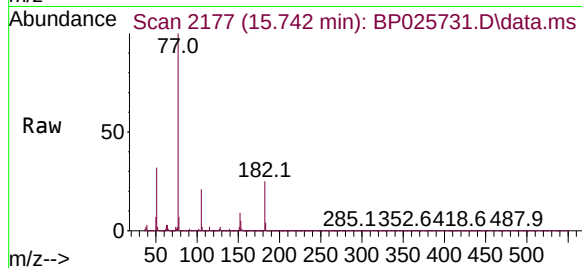


#63  
Azobenzene  
Concen: 58.817 ng  
RT: 15.742 min Scan# 2176  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

Tgt Ion: 77 Resp: 1761607

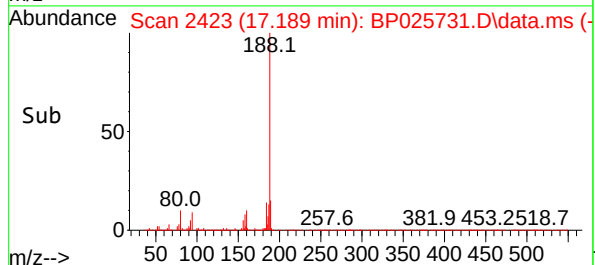
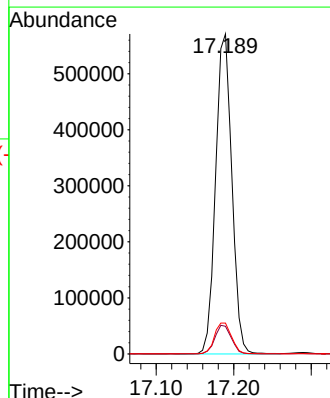
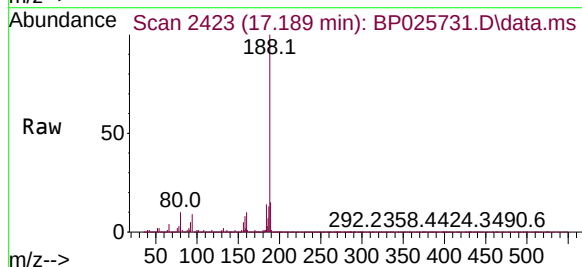
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.0  | 5.2   | 45.2  |
| 105 | 20.5  | 1.1   | 41.1  |
| 51  | 32.3  | 11.6  | 51.6  |

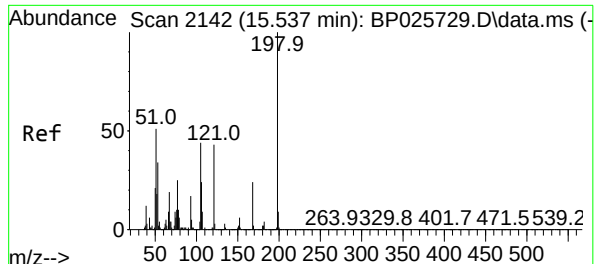


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.189 min Scan# 2423  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion: 188 Resp: 829072

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.6   | 7.4   | 11.0  |
| 80  | 9.6   | 7.7   | 11.5  |

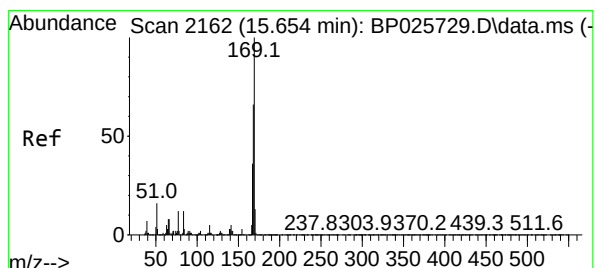
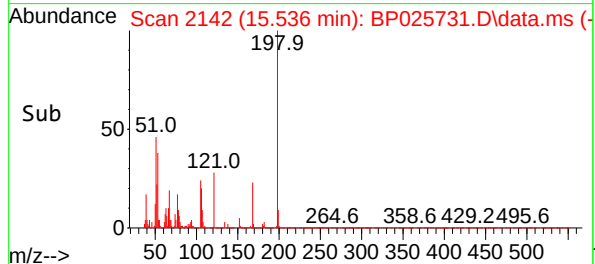
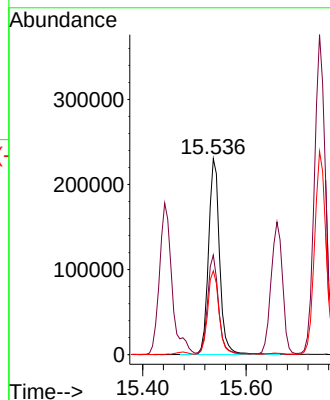
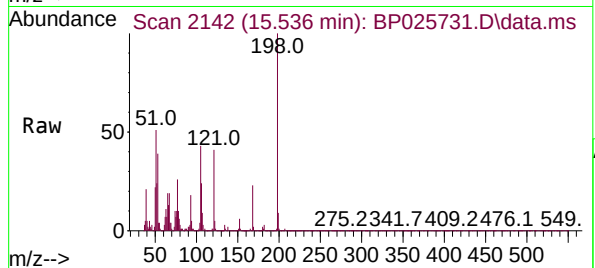




#65  
4,6-Dinitro-2-methylphenol  
Concen: 61.918 ng  
RT: 15.536 min Scan# 2142  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

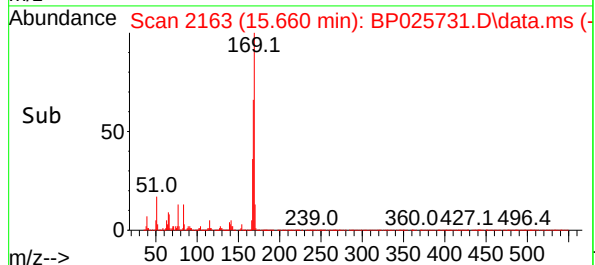
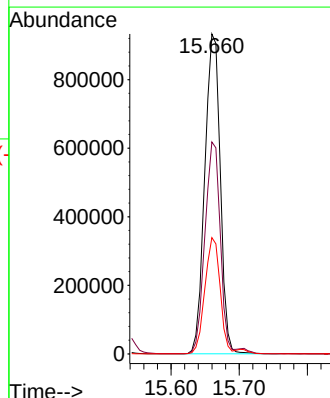
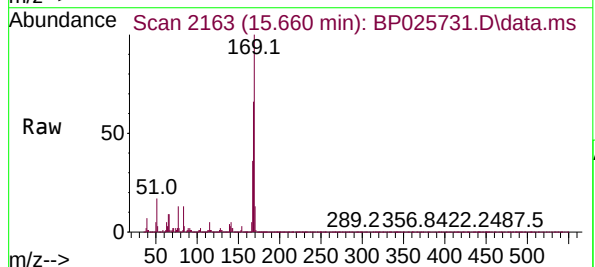
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

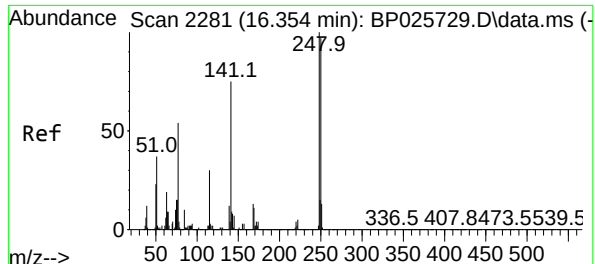
Tgt Ion:198 Resp: 341390  
Ion Ratio Lower Upper  
198 100  
51 50.8 33.4 73.4  
105 42.7 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 58.214 ng  
RT: 15.660 min Scan# 2163  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:169 Resp: 1476982  
Ion Ratio Lower Upper  
169 100  
168 66.2 52.6 78.8  
167 36.3 28.5 42.7

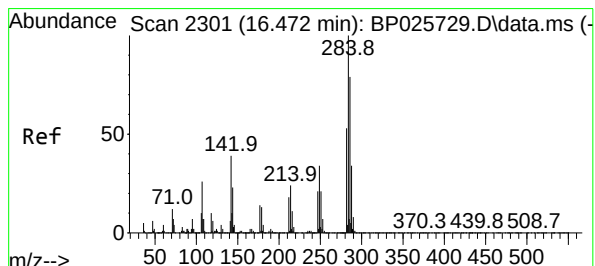
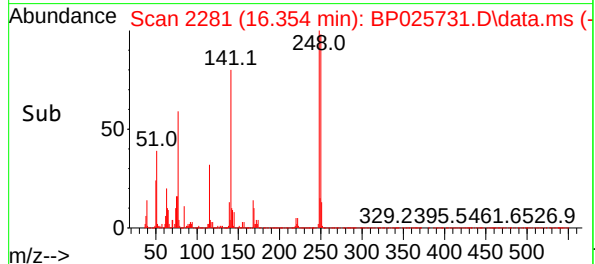
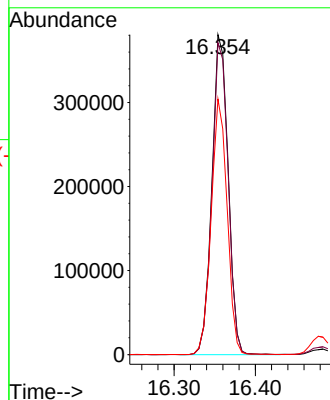
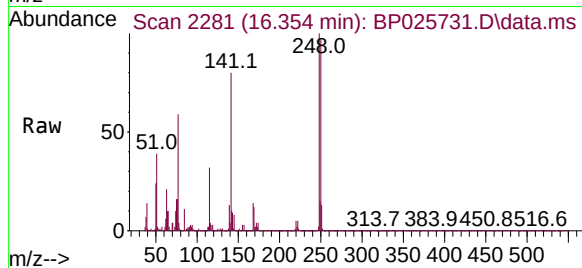




#67  
4-Bromophenyl-phenylether  
Concen: 58.285 ng  
RT: 16.354 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

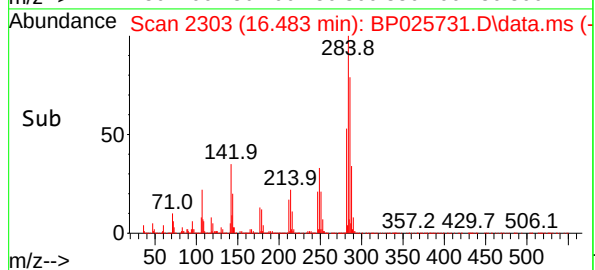
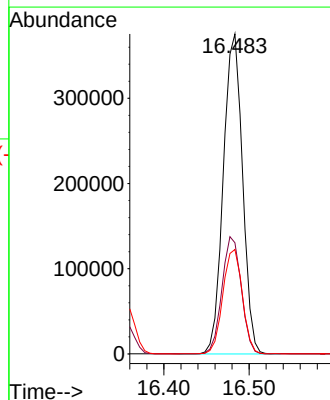
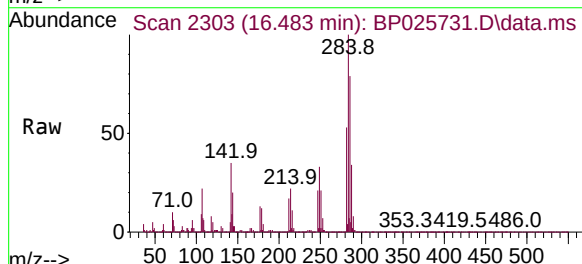
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

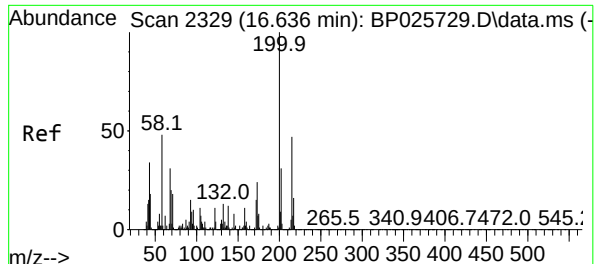
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.4  | 77.5  | 116.3 |
| 141     | 79.9  | 60.2  | 90.4  |



#68  
Hexachlorobenzene  
Concen: 57.781 ng  
RT: 16.483 min Scan# 2303  
Delta R.T. 0.012 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.7  | 31.3  | 46.9  |
| 249     | 32.6  | 27.3  | 40.9  |

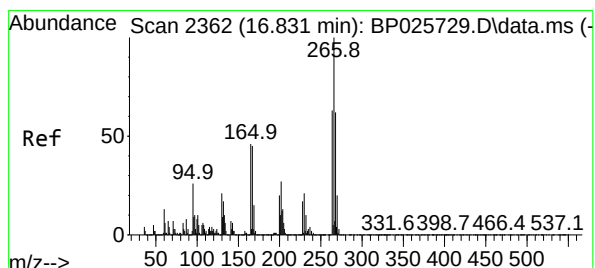
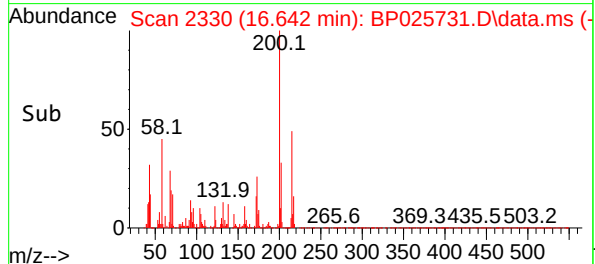
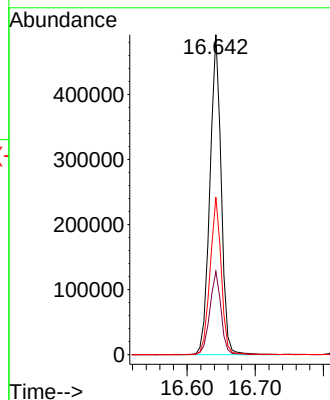
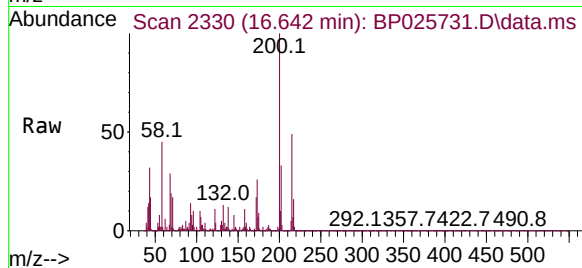




#69  
Atrazine  
Concen: 58.112 ng  
RT: 16.642 min Scan# 2330  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

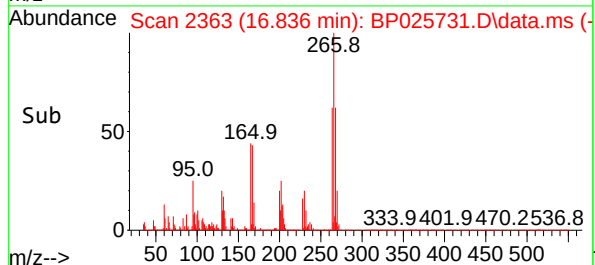
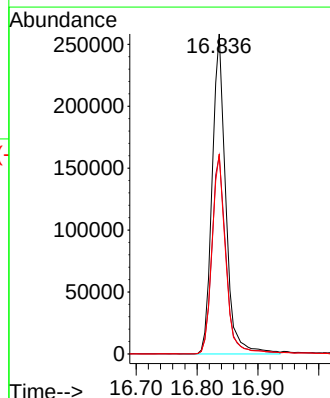
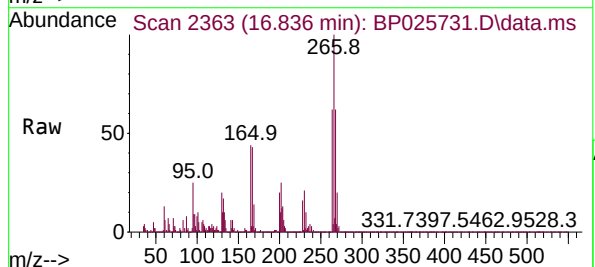
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

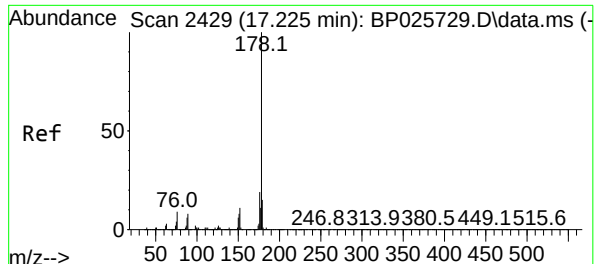
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.0  | 4.2   | 44.2  |
| 215     | 49.2  | 27.3  | 67.3  |



#70  
Pentachlorophenol  
Concen: 59.795 ng  
RT: 16.836 min Scan# 2363  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.9  | 49.8  | 74.8  |
| 264     | 62.5  | 50.2  | 75.2  |

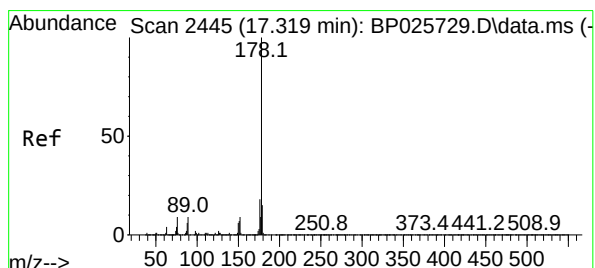
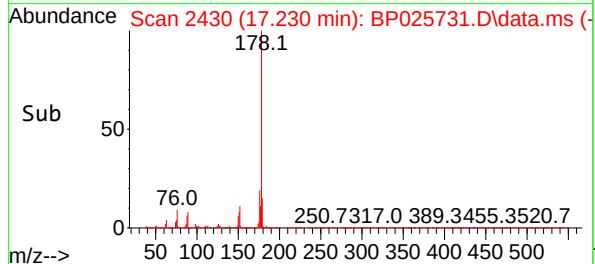
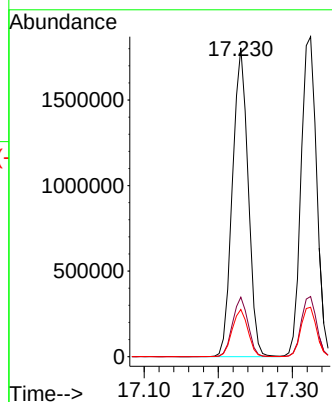
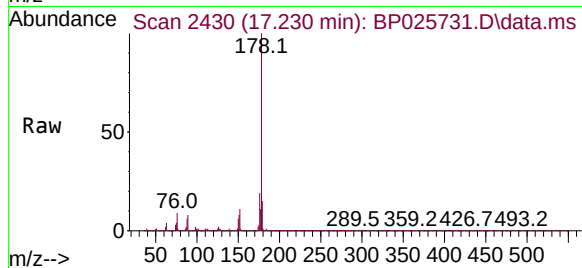




#71  
Phenanthrene  
Concen: 56.316 ng  
RT: 17.230 min Scan# 2429  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

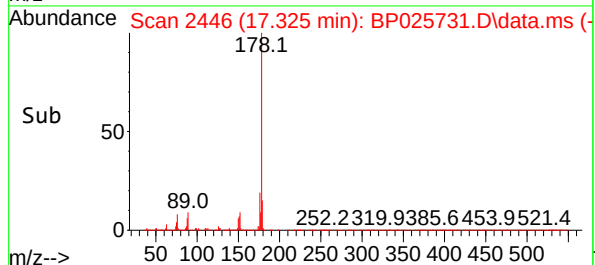
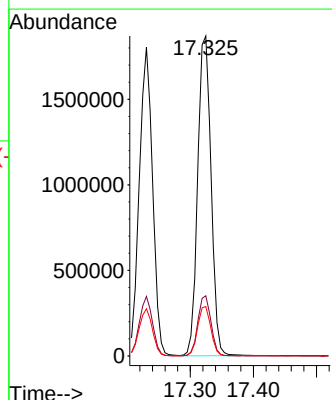
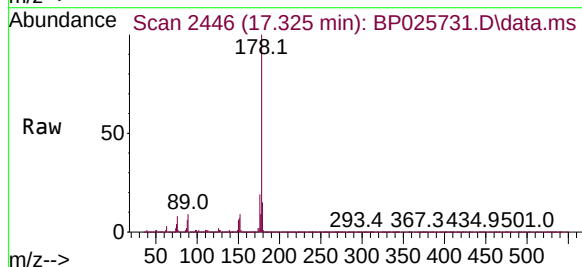
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

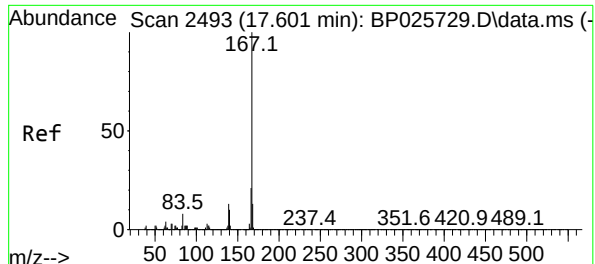
Tgt Ion:178 Resp: 2648539  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.3 12.2 18.4



#72  
Anthracene  
Concen: 57.710 ng  
RT: 17.325 min Scan# 2446  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:178 Resp: 2753779  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.8 22.2  
179 15.4 12.2 18.4

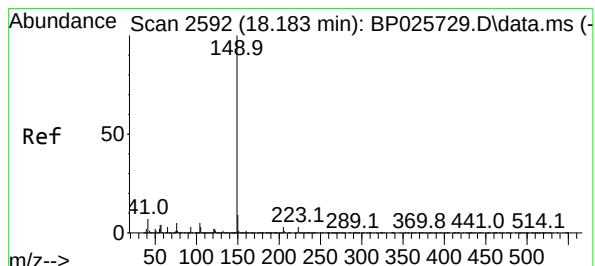
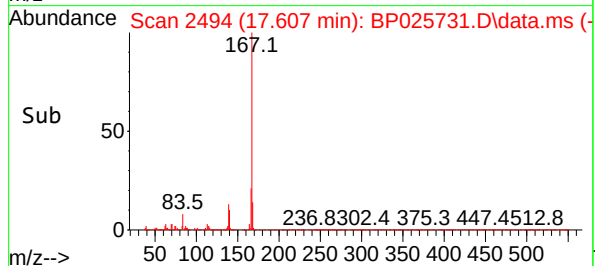
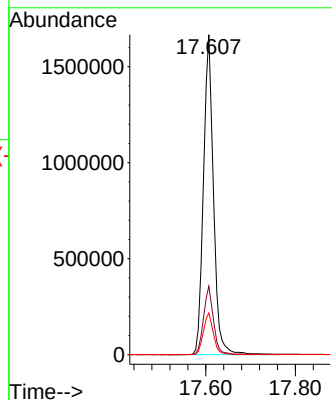
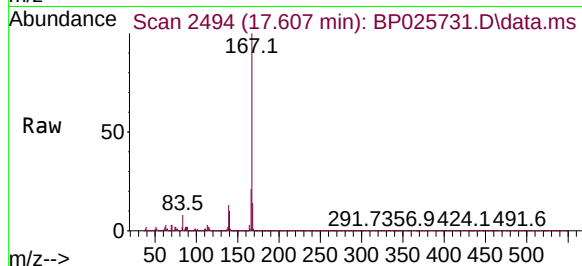




#73  
Carbazole  
Concen: 58.177 ng  
RT: 17.607 min Scan# 2493  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

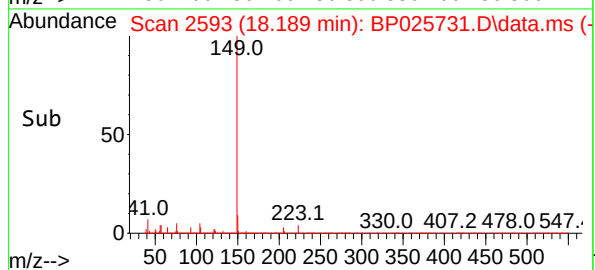
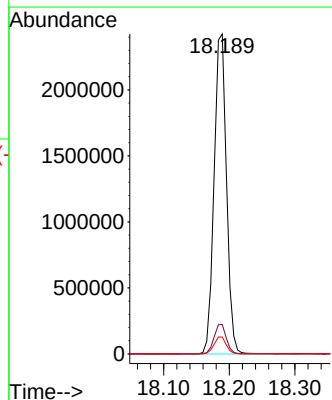
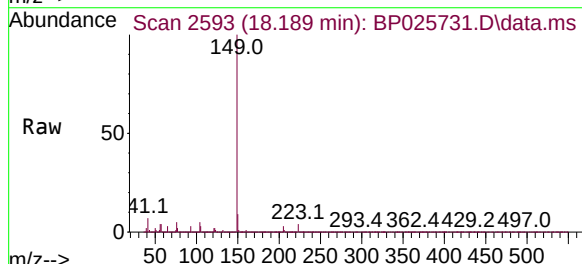
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

Tgt Ion:167 Resp: 2580907  
Ion Ratio Lower Upper  
167 100  
166 21.4 17.0 25.4  
139 13.0 10.6 16.0

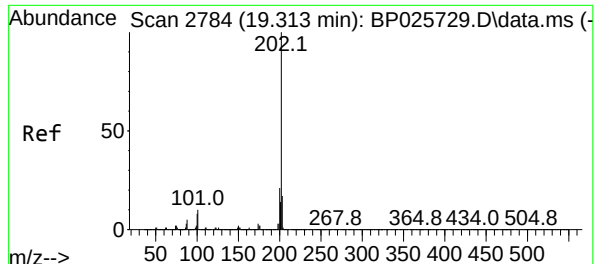


#74  
Di-n-butylphthalate  
Concen: 58.542 ng  
RT: 18.189 min Scan# 2593  
Delta R.T. 0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 3187132  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 5.3 4.3 6.5



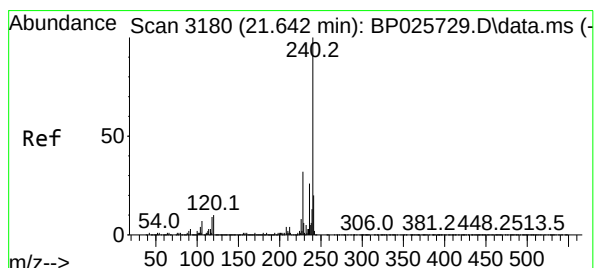
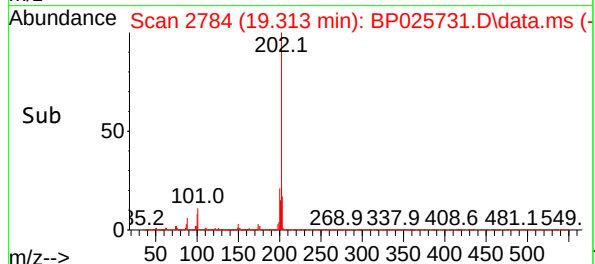
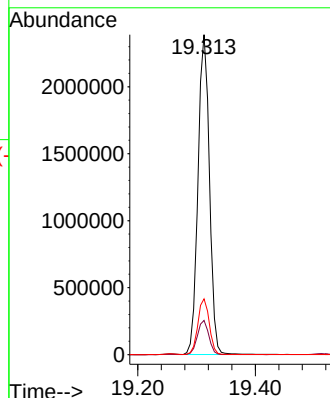
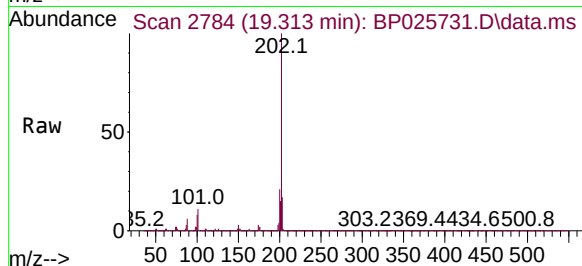




#75  
Fluoranthene  
Concen: 57.034 ng  
RT: 19.313 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

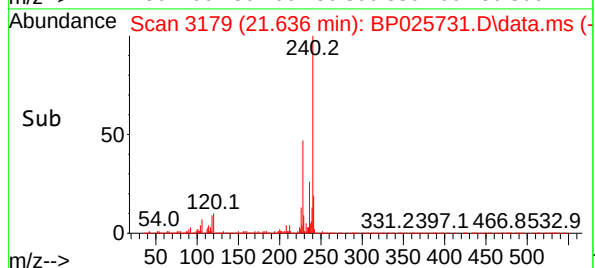
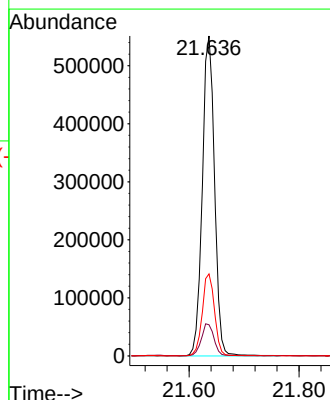
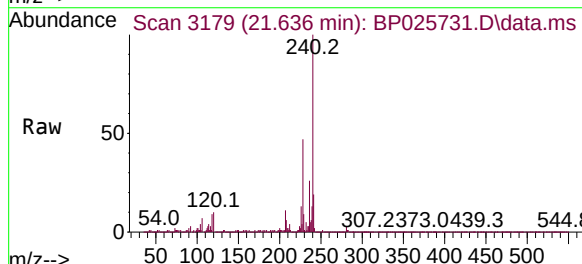
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BNA\_P  
ClientSampleId :  
SSTDICC060

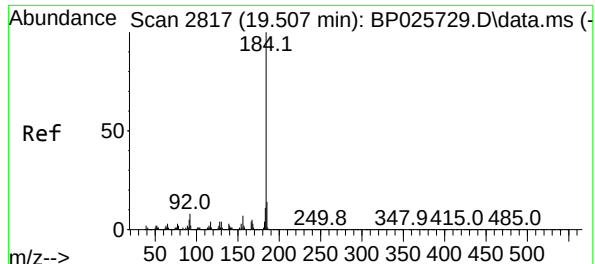
Tgt Ion:202 Resp: 3216943  
Ion Ratio Lower Upper  
202 100  
101 10.7 0.0 30.4  
203 17.4 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3179  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:240 Resp: 850069  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.0 12.0  
236 25.6 20.7 31.1





#77

Benzidine

Concen: 60.181 ng

RT: 19.513 min Scan# 2818

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

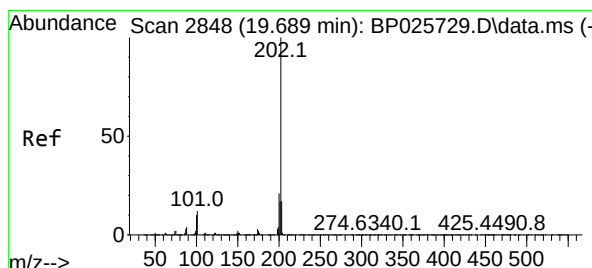
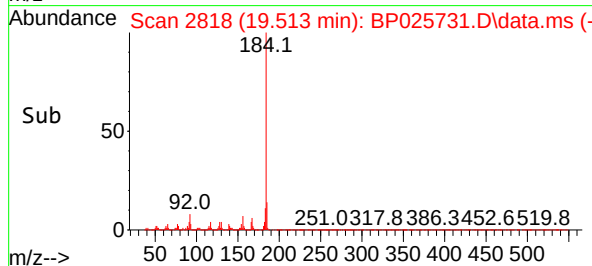
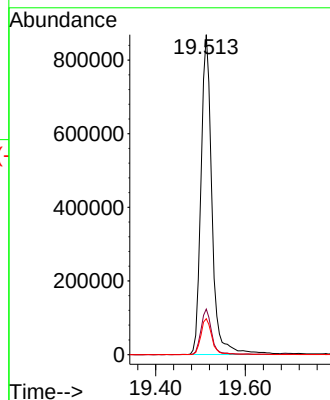
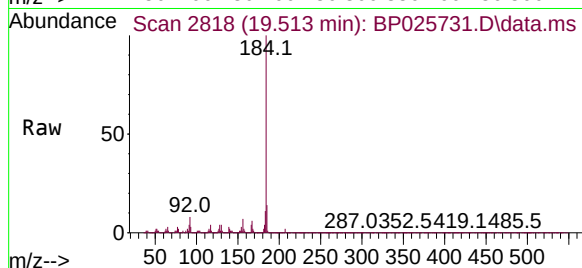
Tgt Ion:184 Resp: 1473612

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 58.794 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

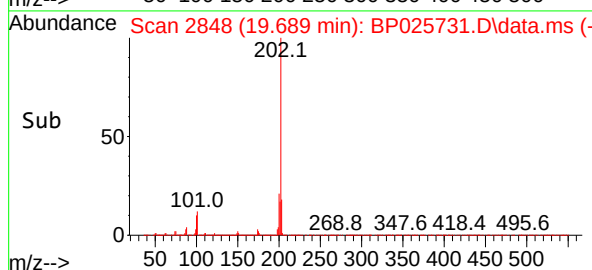
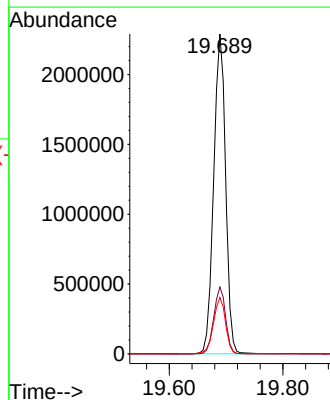
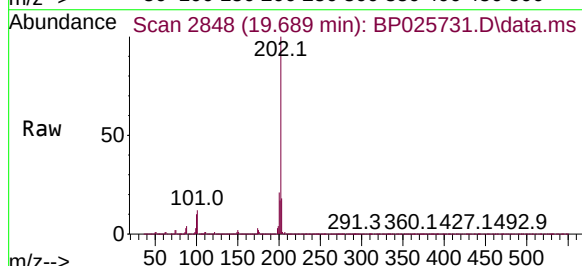
Tgt Ion:202 Resp: 3334872

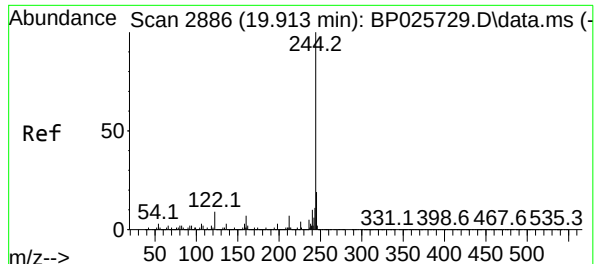
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.6 13.9 20.9

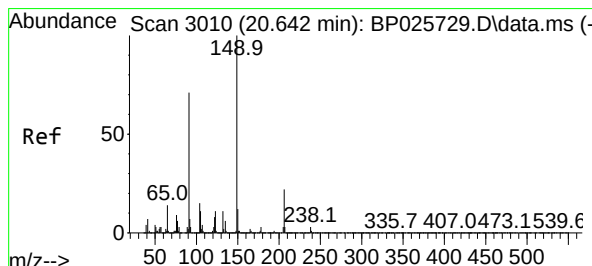
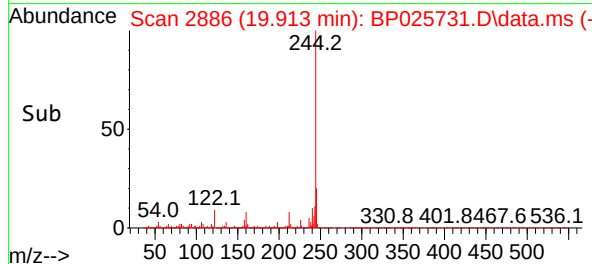
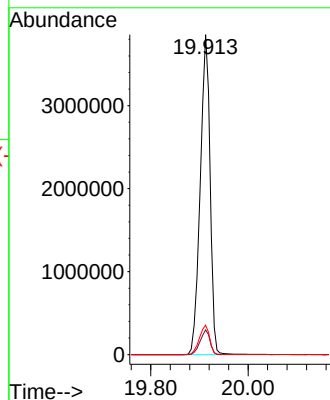
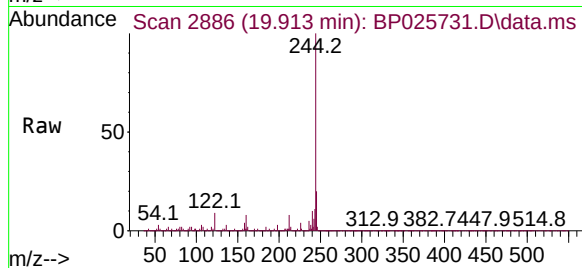




#79  
Terphenyl-d14  
Concen: 113.763 ng  
RT: 19.913 min Scan# 2886  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

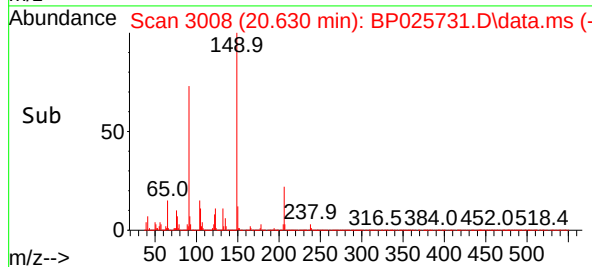
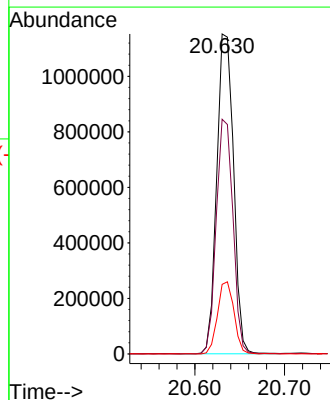
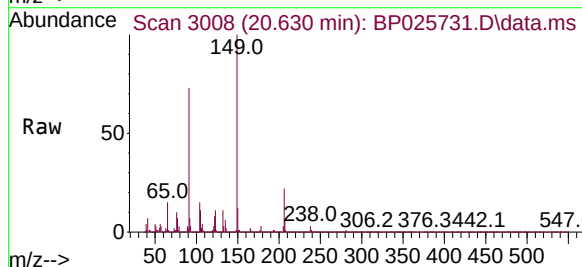
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

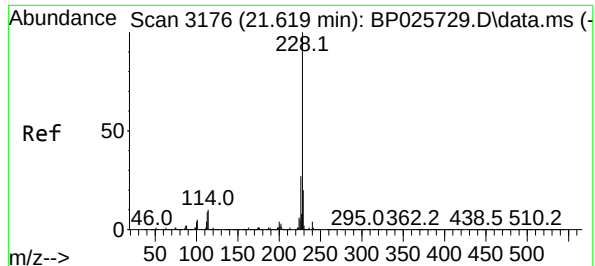
Tgt Ion:244 Resp: 5375608  
Ion Ratio Lower Upper  
244 100  
212 7.7 5.9 8.9  
122 9.2 7.1 10.7



#80  
Butylbenzylphthalate  
Concen: 60.222 ng  
RT: 20.630 min Scan# 3008  
Delta R.T. -0.012 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 1497716  
Ion Ratio Lower Upper  
149 100  
91 73.3 56.6 85.0  
206 21.7 17.4 26.0

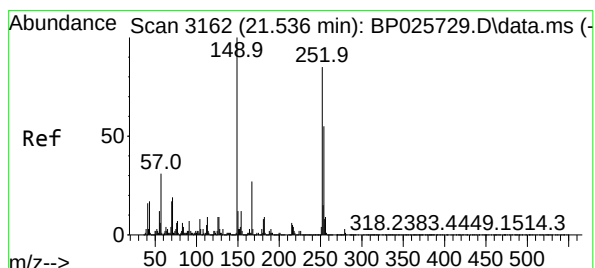
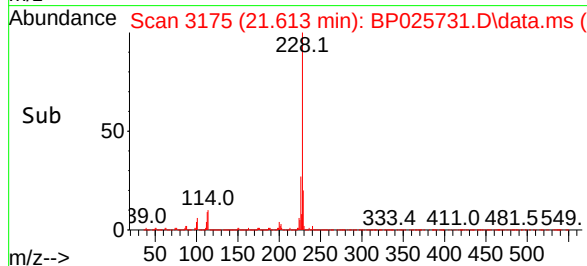
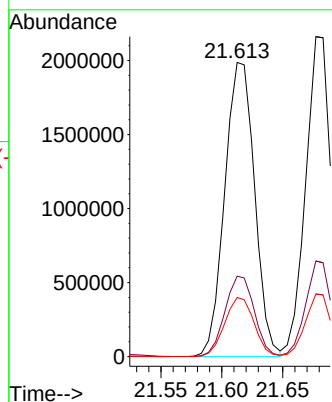
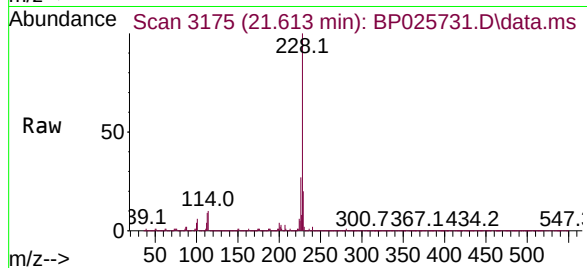




#81  
Benzo(a)anthracene  
Concen: 58.272 ng  
RT: 21.613 min Scan# 3175  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

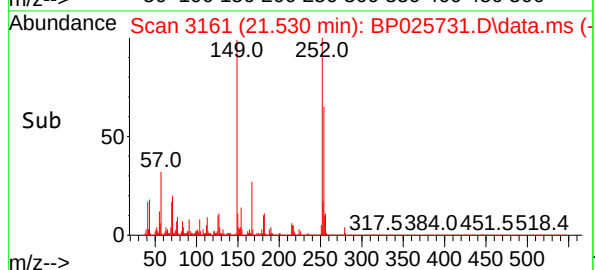
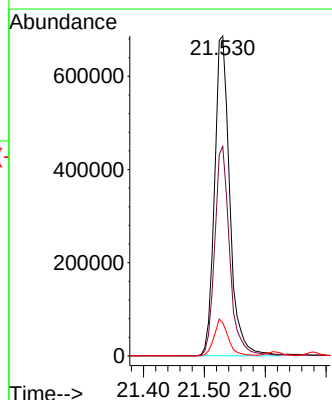
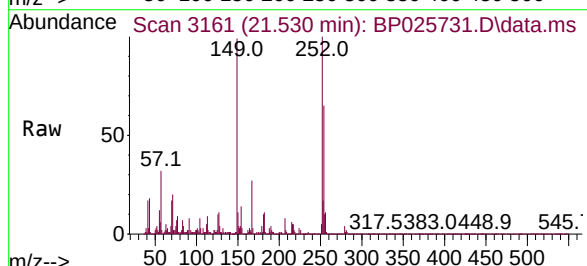
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

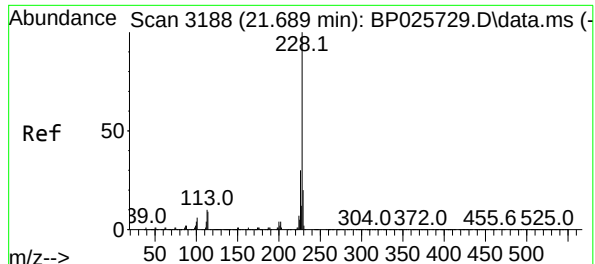
Tgt Ion:228 Resp: 3391233  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.6 32.4  
229 20.1 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 59.308 ng  
RT: 21.530 min Scan# 3161  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 1193448  
Ion Ratio Lower Upper  
252 100  
254 65.4 51.4 77.0  
126 10.3 8.3 12.5

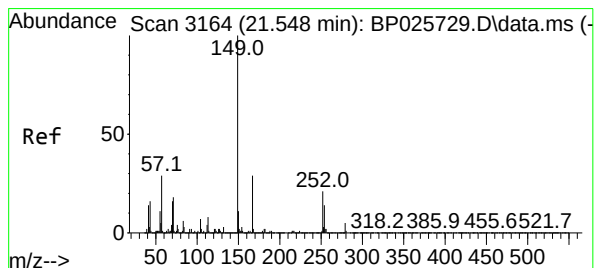
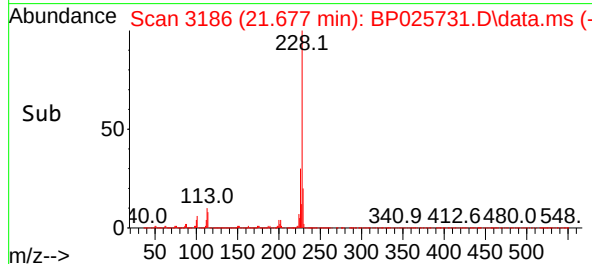
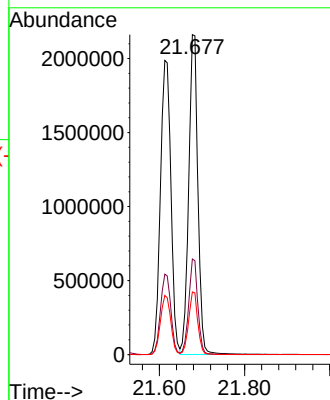
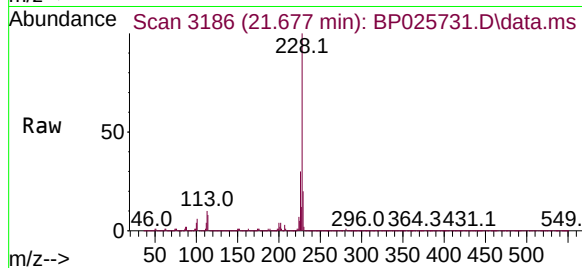




#83  
Chrysene  
Concen: 58.306 ng  
RT: 21.677 min Scan# 3186  
Delta R.T. -0.012 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

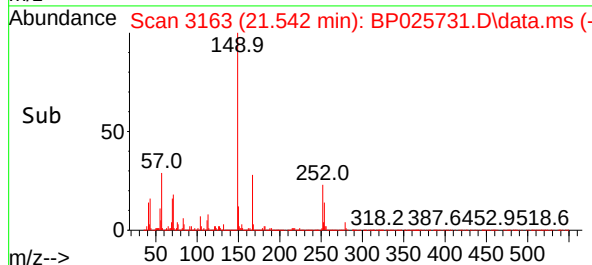
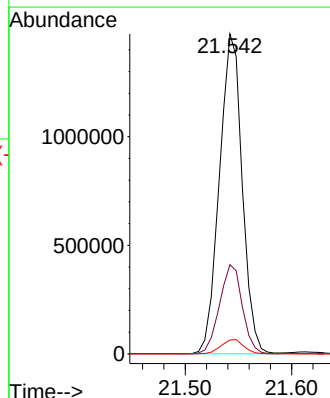
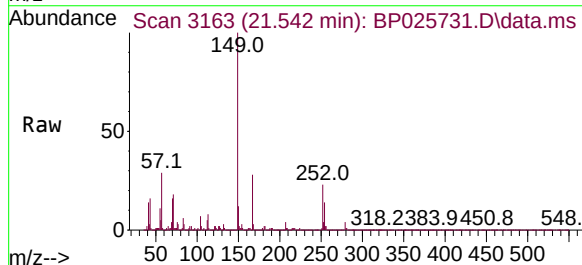
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

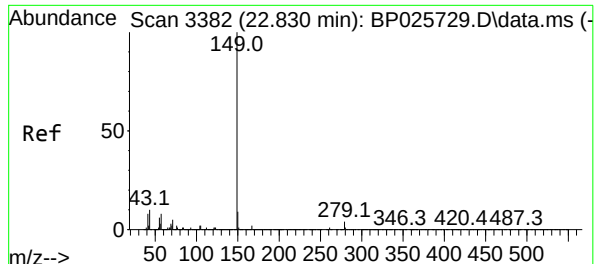
Tgt Ion:228 Resp: 3234610  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.8 35.6  
229 19.6 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 60.070 ng  
RT: 21.542 min Scan# 3163  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 2185686  
Ion Ratio Lower Upper  
149 100  
167 27.9 22.9 34.3  
279 4.3 3.8 5.8

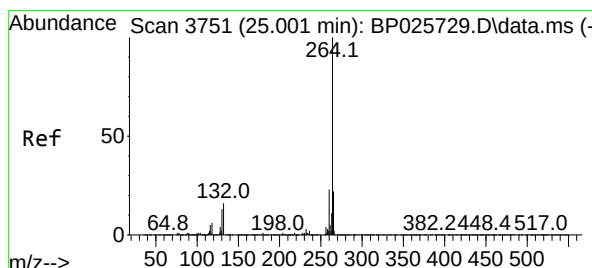
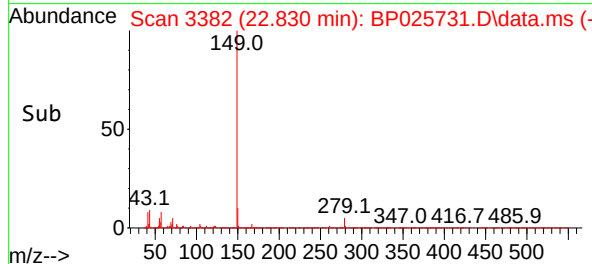
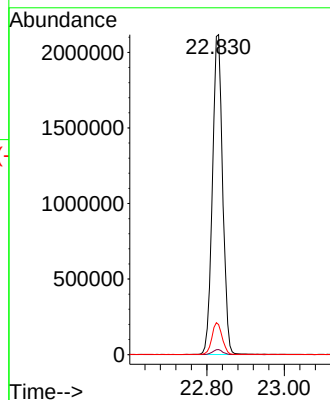
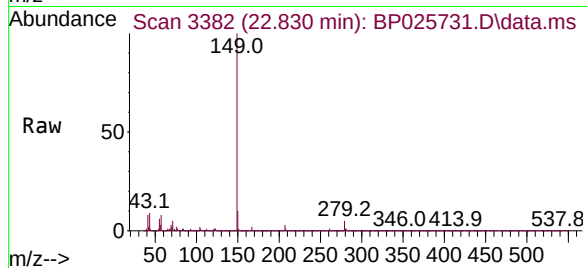




#85  
Di-n-octyl phthalate  
Concen: 59.606 ng  
RT: 22.830 min Scan# 3382  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

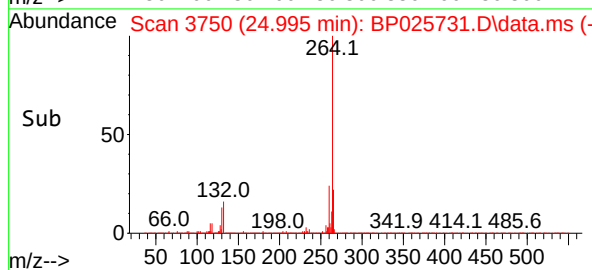
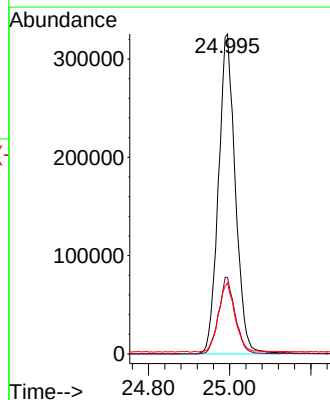
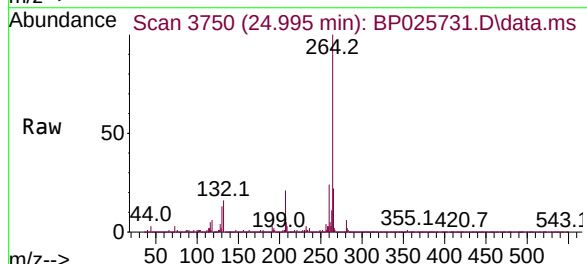
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ClientSampleId :  
SSTDICC060

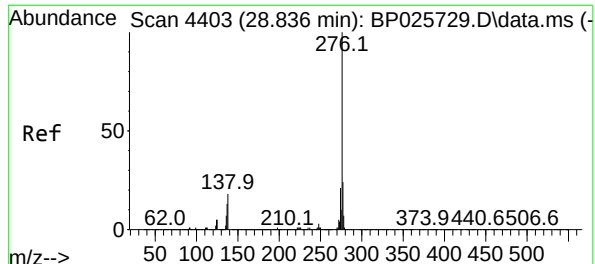
Tgt Ion:149 Resp: 3857923  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.9 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.995 min Scan# 3750  
Delta R.T. -0.006 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:264 Resp: 937177  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.3 27.5  
265 22.2 17.3 25.9

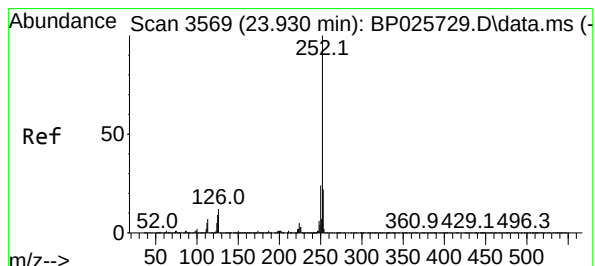
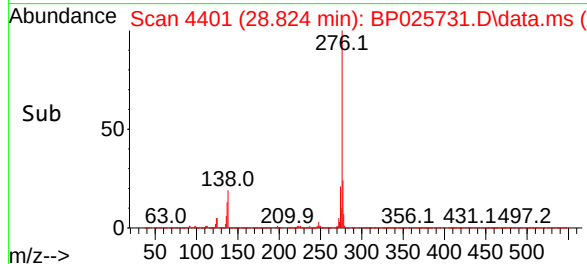
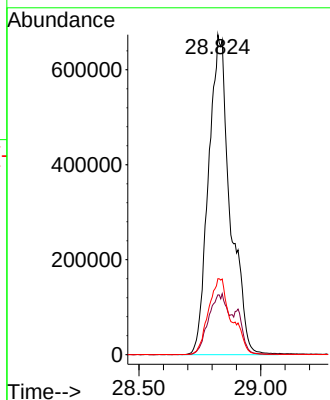
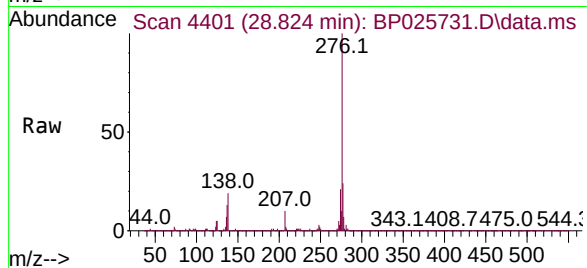




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 61.276 ng  
RT: 28.824 min Scan# 4403  
Delta R.T. -0.012 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

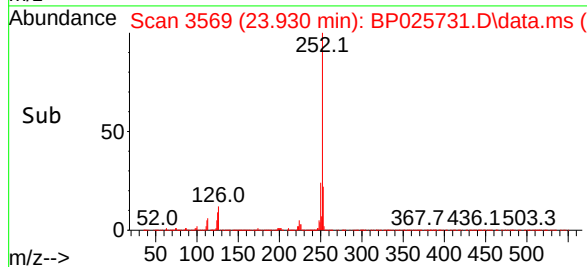
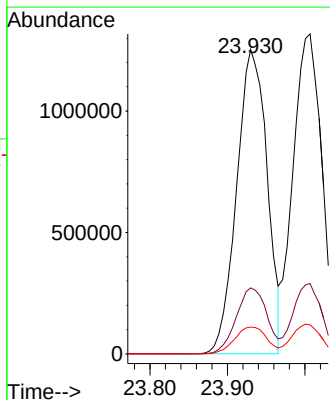
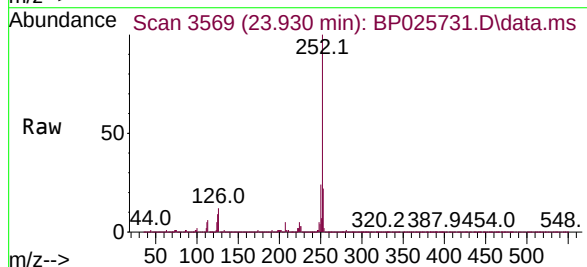
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

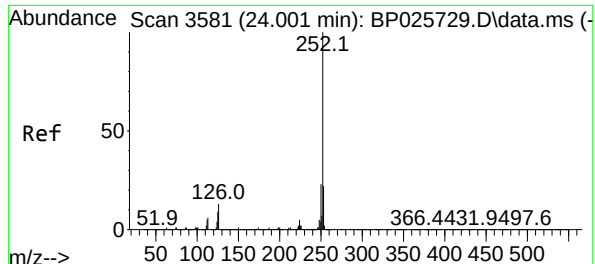
Tgt Ion:276 Resp: 4176186  
Ion Ratio Lower Upper  
276 100  
138 16.9 13.4 20.2  
277 25.2 9.1 13.7#



#88  
Benzo(b)fluoranthene  
Concen: 59.638 ng  
RT: 23.930 min Scan# 3569  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 3417862  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 58.674 ng

RT: 24.007 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA\_P

ClientSampleId :

SSTDICC060

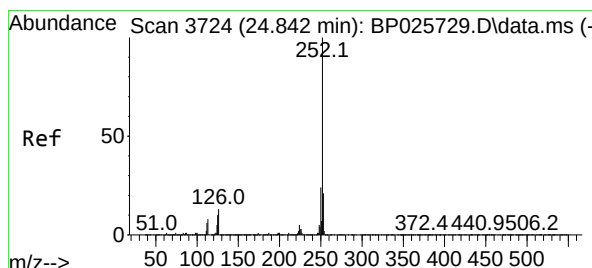
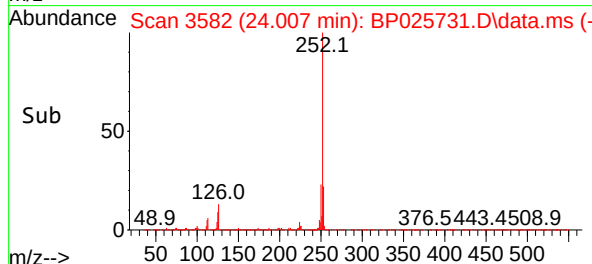
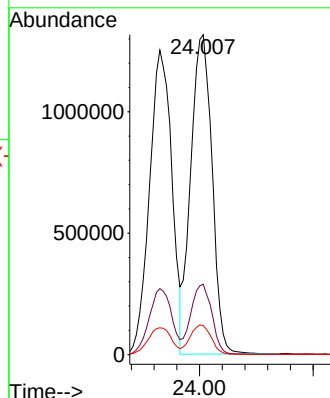
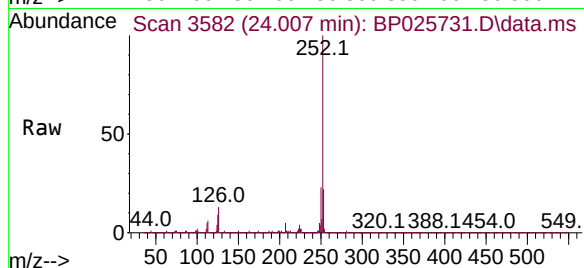
Tgt Ion:252 Resp: 3431342

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 60.523 ng

RT: 24.848 min Scan# 3725

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

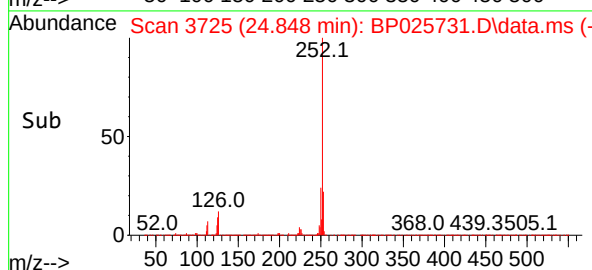
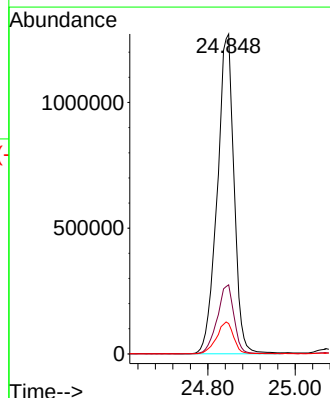
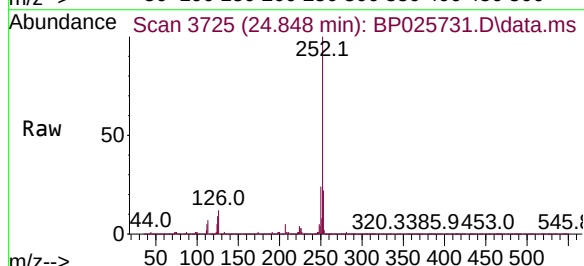
Tgt Ion:252 Resp: 3396800

Ion Ratio Lower Upper

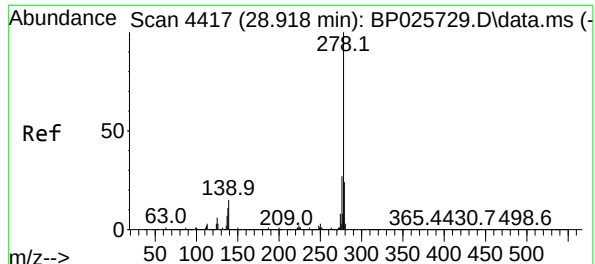
252 100

253 21.6 17.2 25.8

125 9.5 8.3 12.5



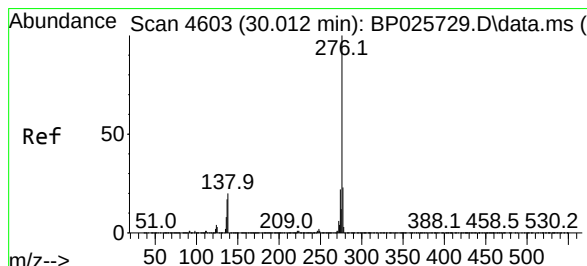
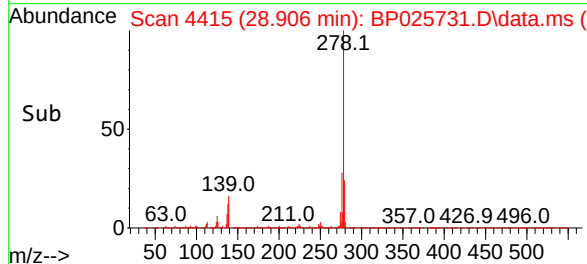
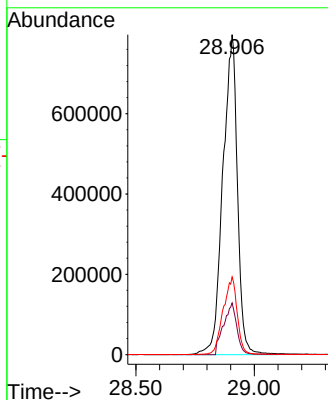
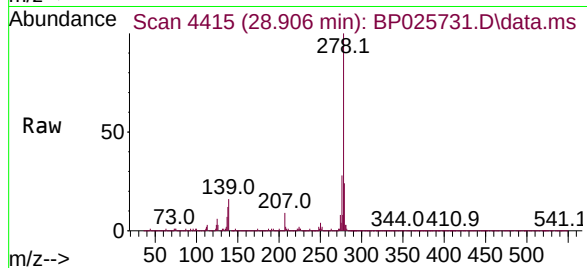




#91  
Dibenzo(a,h)anthracene  
Concen: 60.898 ng  
RT: 28.906 min Scan# 4417  
Delta R.T. -0.012 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

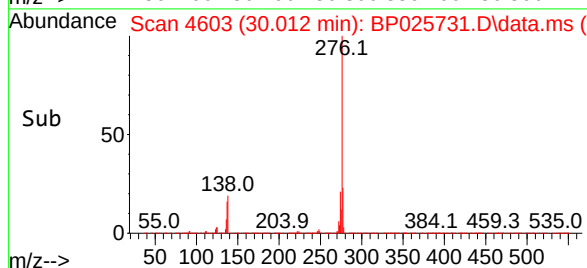
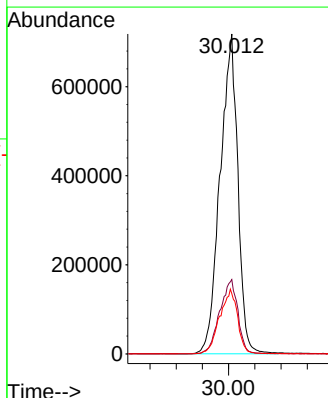
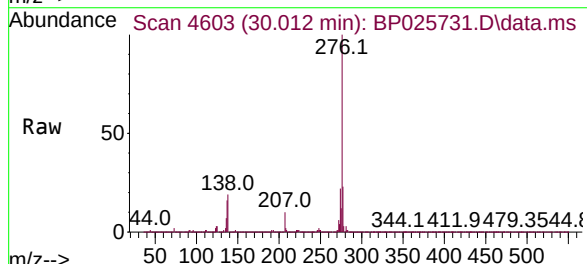
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC060

Tgt Ion:278 Resp: 3396390  
Ion Ratio Lower Upper  
278 100  
139 16.1 12.1 18.1  
279 24.3 19.6 29.4



#92  
Benzo(g,h,i)perylene  
Concen: 61.370 ng  
RT: 30.012 min Scan# 4603  
Delta R.T. -0.000 min  
Lab File: BP025731.D  
Acq: 11 Sep 2025 13:43

Tgt Ion:276 Resp: 3366014  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.7 28.1  
138 18.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025732.D  
 Acq On : 11 Sep 2025 14:24  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.761  | 152  | 156685   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.531 | 136  | 657507   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.384 | 164  | 457251   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.189 | 188  | 963896   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.642 | 240  | 964091   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.995 | 264  | 1072676  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 1519863  | 156.516 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.949  | 99   | 2060064  | 159.607 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.908  | 82   | 2312828  | 155.163 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.901 | 330  | 901504   | 158.067 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.996 | 172  | 4820104  | 140.360 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.913 | 244  | 7841805  | 146.328 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 293942   | 72.123  | ng    | 100      |
| 3) Pyridine                   | 3.708  | 79   | 864675   | 77.049  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.614  | 42   | 406094   | 76.687  | ng    | 100      |
| 6) Aniline                    | 7.096  | 93   | 1418325  | 80.049  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.337  | 128  | 852861   | 80.059  | ng    | 99       |
| 9) Benzaldehyde               | 6.914  | 77   | 614881   | 79.569  | ng    | 100      |
| 10) Phenol                    | 6.972  | 94   | 1090983  | 80.162  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.190  | 93   | 855627   | 78.251  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.649  | 146  | 917305   | 75.659  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.796  | 146  | 935253   | 75.728  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.108  | 146  | 905715   | 75.489  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.002  | 79   | 865116   | 81.113  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.278  | 45   | 1365629  | 76.370  | ng    | 99       |
| 17) 2-Methylphenol            | 8.208  | 107  | 747211   | 81.433  | ng    | 100      |
| 18) Hexachloroethane          | 8.825  | 117  | 362679   | 76.881  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.560  | 70   | 721517   | 81.103  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.531  | 107  | 1023340  | 79.634  | ng    | 99       |
| 22) Acetophenone              | 8.572  | 105  | 1366991  | 77.798  | ng    | # 98     |
| 24) Nitrobenzene              | 8.949  | 77   | 1052990  | 78.746  | ng    | 98       |
| 25) Isophorone                | 9.484  | 82   | 2070061  | 79.012  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.649  | 139  | 504228   | 84.931  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 842469   | 80.887  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.937  | 93   | 1190837  | 78.631  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 850329   | 81.883  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.390 | 180  | 902735   | 77.134  | ng    | 99       |
| 31) Naphthalene               | 10.578 | 128  | 2657135  | 74.948  | ng    | 99       |
| 32) Benzoic acid              | 9.925  | 122  | 680741   | 87.910  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.684 | 127  | 1237939  | 83.774  | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.866 | 225  | 571616   | 75.871  | ng    | 100      |
| 35) Caprolactam               | 11.513 | 113  | 324639   | 81.266  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.825 | 107  | 998570   | 80.654  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.190 | 142  | 1750889  | 76.891  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 1849786  | 76.178  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 1039713  | 75.038  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.537 | 237  | 641317   | 84.983  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 725824   | 79.683  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025732.D  
 Acq On : 11 Sep 2025 14:24  
 Operator : CG/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

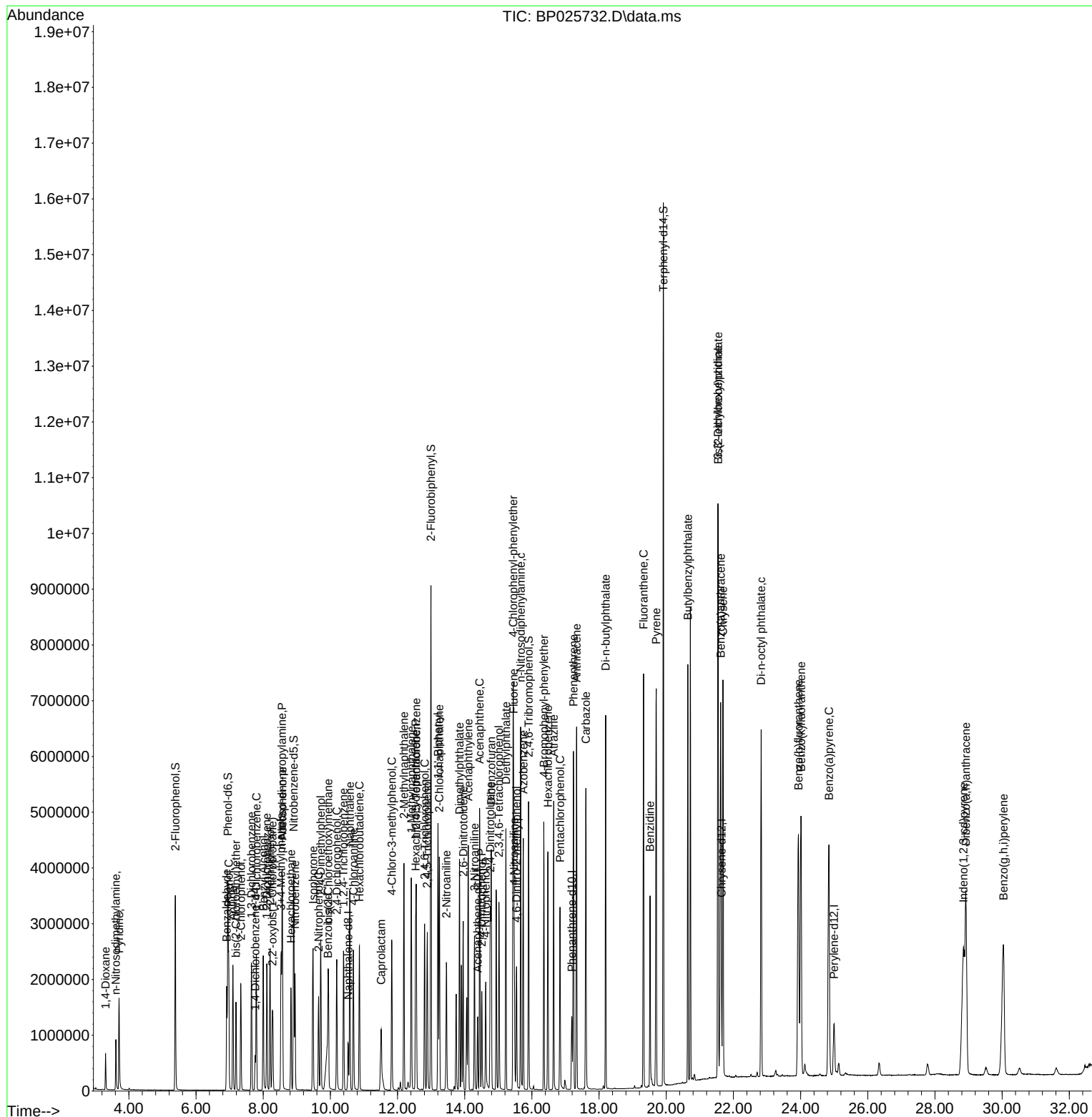
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.884 | 196  | 806956   | 79.601 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.201 | 154  | 2497929  | 74.426 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.243 | 162  | 1962349  | 74.255 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 733091   | 83.218 | ng    | 97       |
| 49) Acenaphthylene            | 14.107 | 152  | 3311359  | 75.625 | ng    | 99       |
| 50) Dimethylphthalate         | 13.843 | 163  | 2615037  | 74.909 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.954 | 165  | 580821   | 78.530 | ng    | 100      |
| 52) Acenaphthene              | 14.443 | 154  | 1846398  | 73.121 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.290 | 138  | 649230   | 83.474 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 382175   | 79.506 | ng    | 93       |
| 55) Dibenzofuran              | 14.790 | 168  | 2999483  | 72.882 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.625 | 139  | 527475   | 78.823 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 853243   | 81.062 | ng    | 98       |
| 58) Fluorene                  | 15.454 | 166  | 2363617  | 72.225 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.019 | 232  | 722846   | 79.155 | ng    | 98       |
| 60) Diethylphthalate          | 15.225 | 149  | 2678679  | 75.646 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.442 | 204  | 1190470  | 72.181 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 667122   | 83.790 | ng    | 99       |
| 63) Azobenzene                | 15.742 | 77   | 2578205  | 75.299 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.542 | 198  | 537070   | 83.783 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.666 | 169  | 2109969  | 71.530 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 792238   | 74.816 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.478 | 284  | 892102   | 75.546 | ng    | 96       |
| 69) Atrazine                  | 16.648 | 200  | 876809   | 77.763 | ng    | 99       |
| 70) Pentachlorophenol         | 16.837 | 266  | 629802   | 80.808 | ng    | 98       |
| 71) Phenanthrene              | 17.236 | 178  | 3960390  | 72.431 | ng    | 100      |
| 72) Anthracene                | 17.331 | 178  | 4027019  | 72.588 | ng    | 100      |
| 73) Carbazole                 | 17.607 | 167  | 3852545  | 74.694 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.195 | 149  | 4705330  | 74.340 | ng    | 100      |
| 75) Fluoranthene              | 19.325 | 202  | 4786922  | 72.998 | ng    | 100      |
| 77) Benzidine                 | 19.519 | 184  | 2065703  | 74.384 | ng    | 100      |
| 78) Pyrene                    | 19.701 | 202  | 4911699  | 76.353 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.642 | 149  | 2268963  | 80.443 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.619 | 228  | 5031313  | 76.229 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.536 | 252  | 1705366  | 74.725 | ng    | 99       |
| 83) Chrysene                  | 21.689 | 228  | 4667905  | 74.190 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.542 | 149  | 3154011  | 76.431 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.824 | 149  | 5799888  | 79.012 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.848 | 276  | 5948880  | 76.261 | ng    | # 84     |
| 88) Benzo(b)fluoranthene      | 23.936 | 252  | 5088293  | 77.570 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.013 | 252  | 4938760  | 73.783 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.842 | 252  | 4896947  | 76.231 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.918 | 278  | 4903653  | 76.817 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.036 | 276  | 4826771  | 76.886 | ng    | 99       |

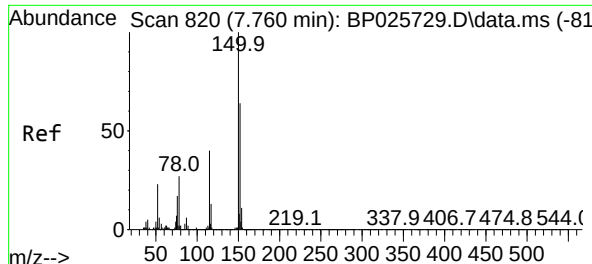
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025732.D  
Acq On : 11 Sep 2025 14:24  
Operator : CG/JU  
Sample : SSTDICC080  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

Quant Time: Sep 11 16:26:30 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:16:10 2025  
Response via : Initial Calibration

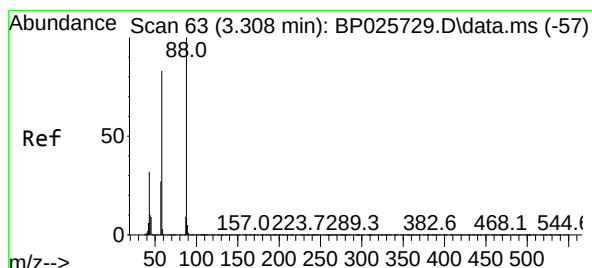
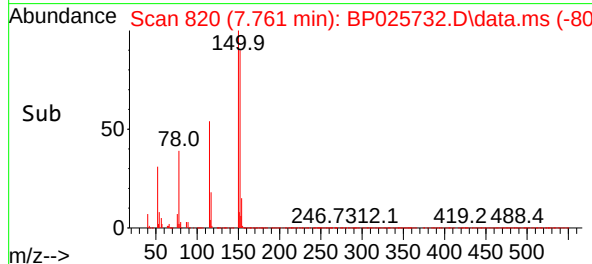
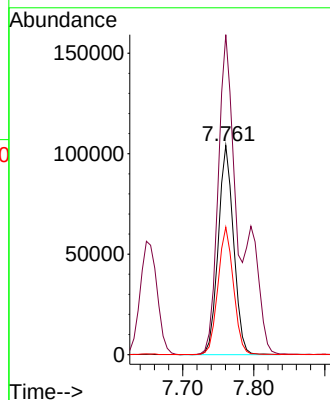
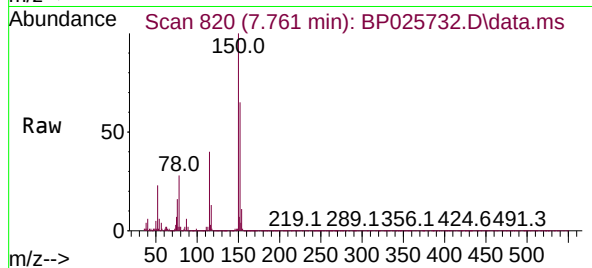




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.761 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

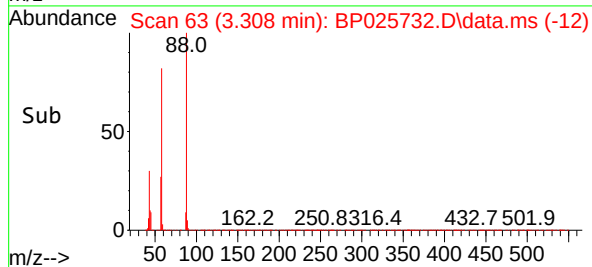
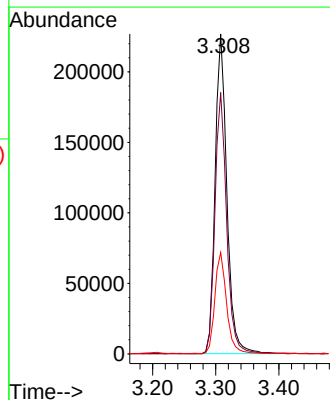
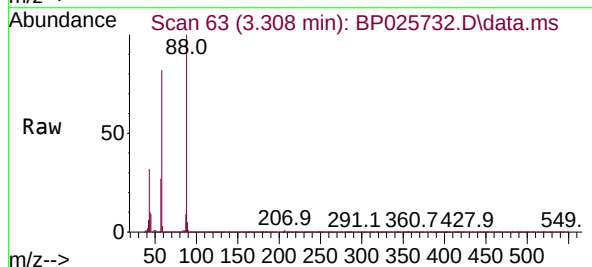
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

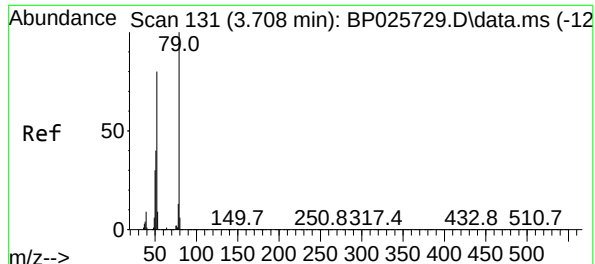
Tgt Ion:152 Resp: 156685  
Ion Ratio Lower Upper  
152 100  
150 153.0 124.3 186.5  
115 61.0 50.3 75.5



#2  
1,4-Dioxane  
Concen: 72.123 ng  
RT: 3.308 min Scan# 63  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion: 88 Resp: 293942  
Ion Ratio Lower Upper  
88 100  
58 81.8 65.5 98.3  
43 31.6 25.2 37.8

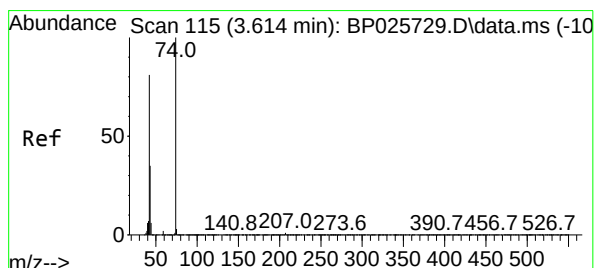
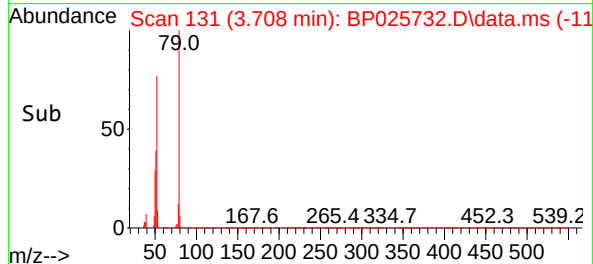
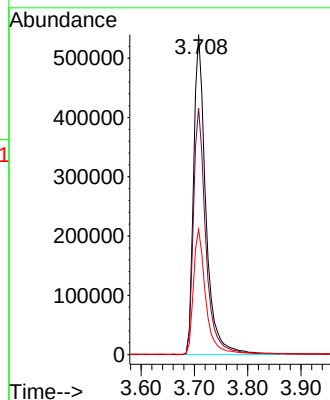
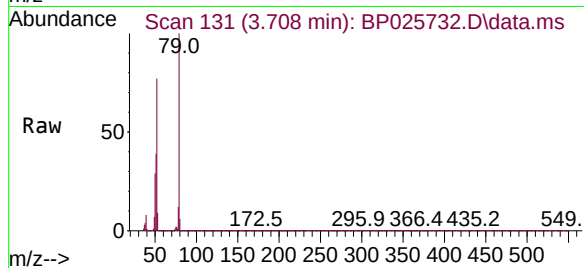




#3  
Pyridine  
Concen: 77.049 ng  
RT: 3.708 min Scan# 131  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

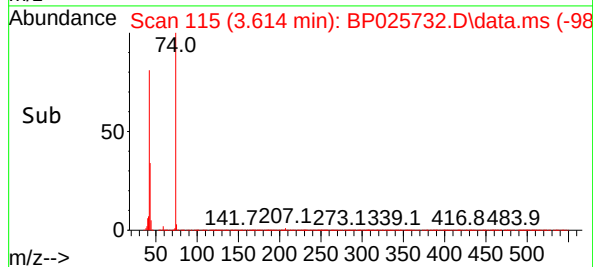
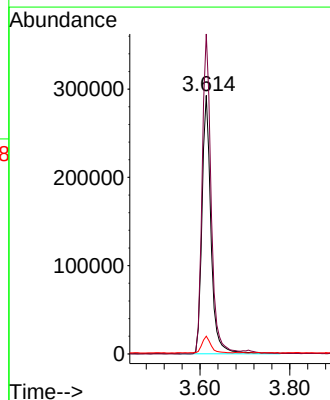
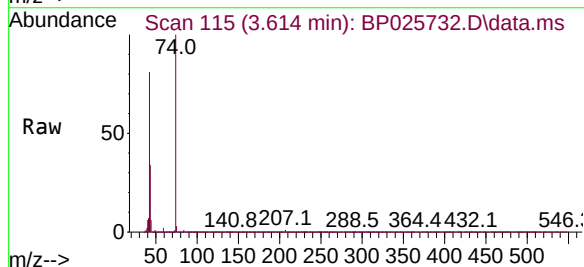
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

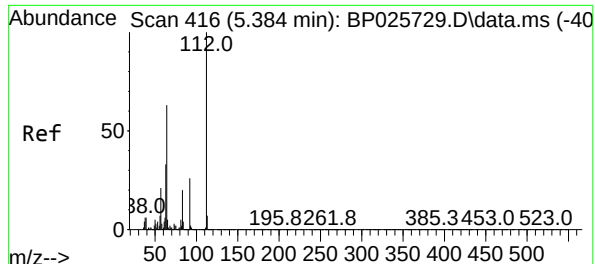
Tgt Ion: 79 Resp: 864675  
Ion Ratio Lower Upper  
79 100  
52 77.1 63.7 95.5  
51 39.1 32.4 48.6



#4  
n-Nitrosodimethylamine  
Concen: 76.687 ng  
RT: 3.614 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion: 42 Resp: 406094  
Ion Ratio Lower Upper  
42 100  
74 123.8 99.2 148.8  
44 6.8 6.4 9.6





#5

2-Fluorophenol

Concen: 156.516 ng

RT: 5.384 min Scan# 416

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

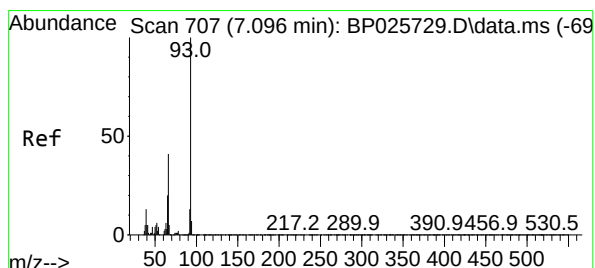
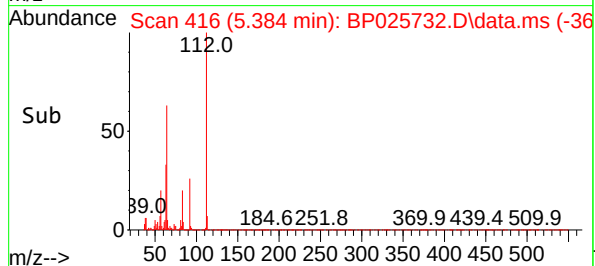
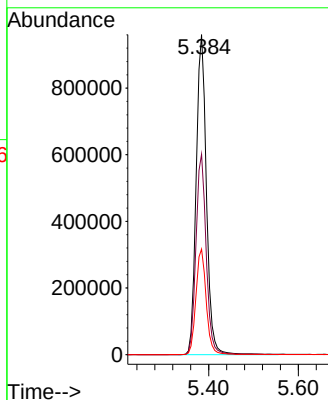
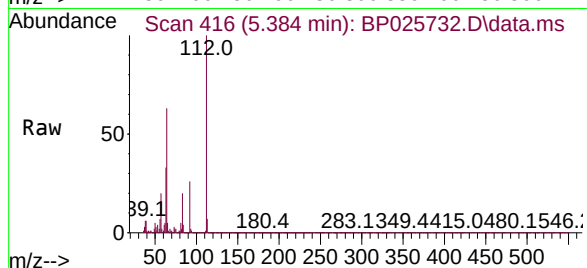
Tgt Ion:112 Resp: 1519863

Ion Ratio Lower Upper

112 100

64 62.6 50.2 75.4

63 33.0 26.7 40.1



#6

Aniline

Concen: 80.049 ng

RT: 7.096 min Scan# 707

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

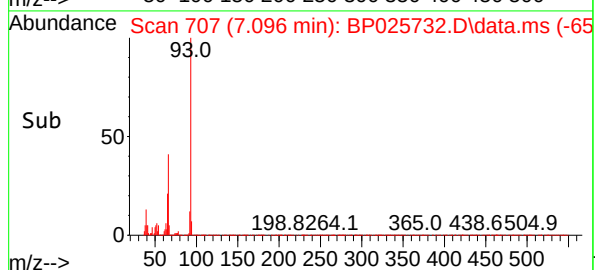
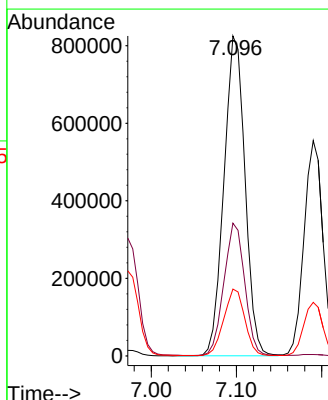
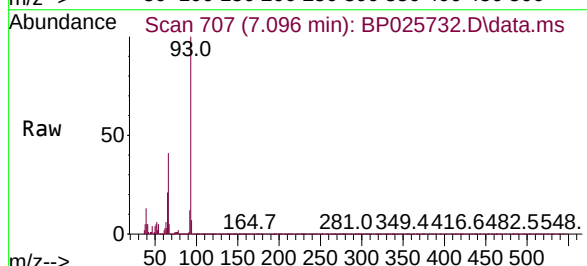
Tgt Ion: 93 Resp: 1418325

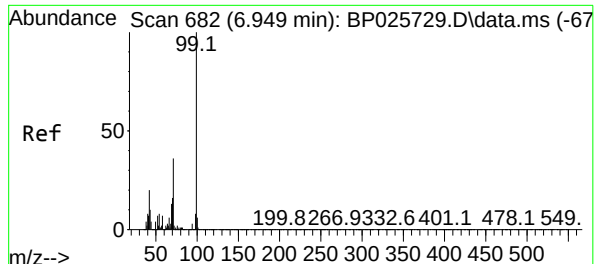
Ion Ratio Lower Upper

93 100

66 41.5 32.6 49.0

65 20.9 16.2 24.2





#7

Phenol-d6

Concen: 159.607 ng

RT: 6.949 min Scan# 682

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

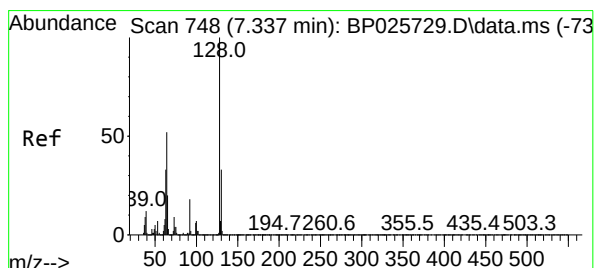
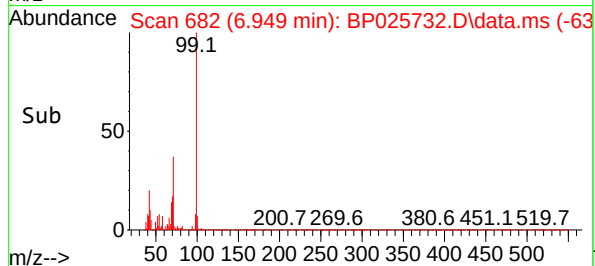
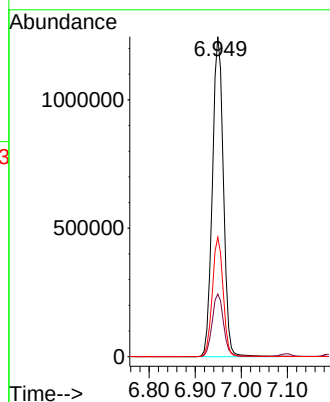
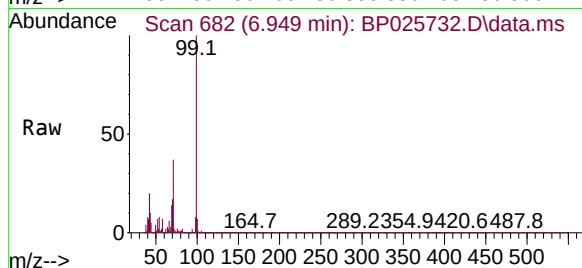
BNA\_P

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 2060064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.6  | 15.6  | 23.4  |
| 71  | 37.3  | 28.6  | 43.0  |



#8

2-Chlorophenol

Concen: 80.059 ng

RT: 7.337 min Scan# 748

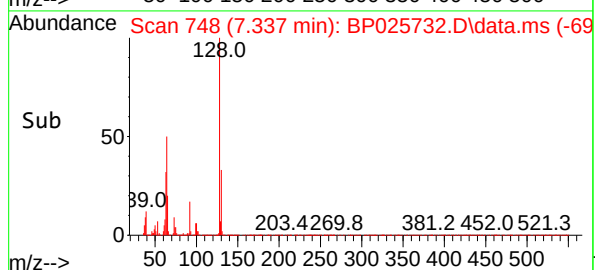
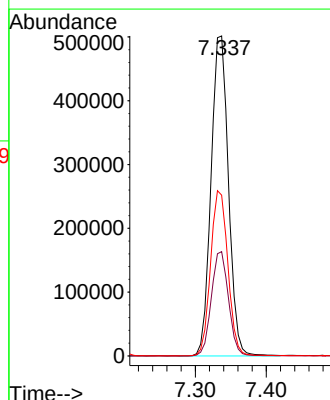
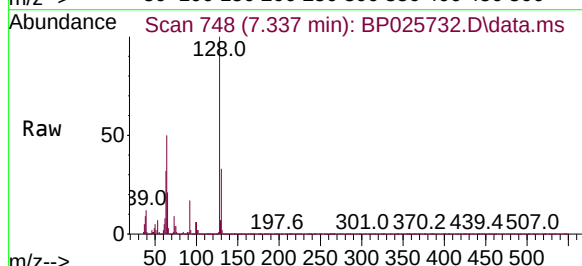
Delta R.T. 0.000 min

Lab File: BP025732.D

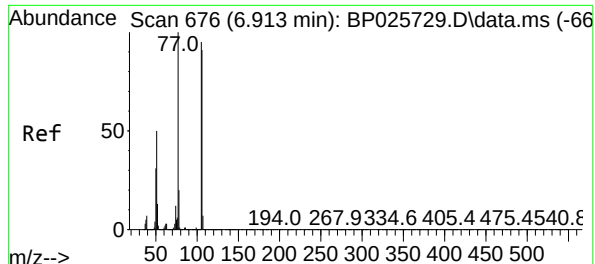
Acq: 11 Sep 2025 14:24

Tgt Ion: 128 Resp: 852861

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.6  | 12.6  | 52.6  |
| 64  | 50.2  | 31.6  | 71.6  |



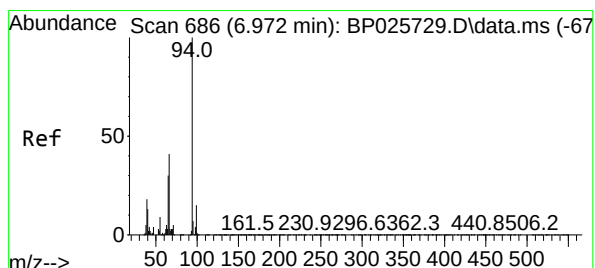
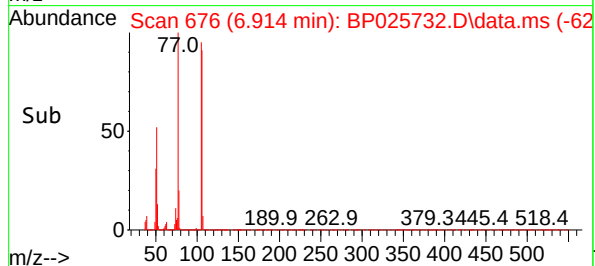
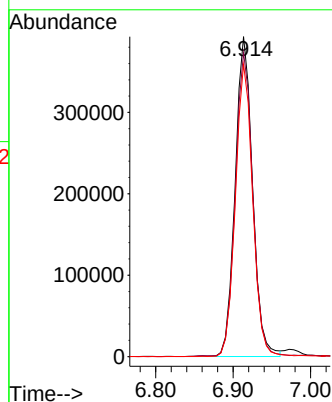
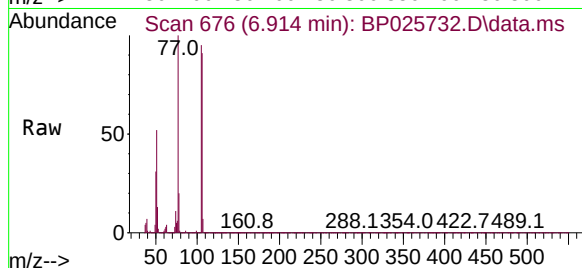




#9  
Benzaldehyde  
Concen: 79.569 ng  
RT: 6.914 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

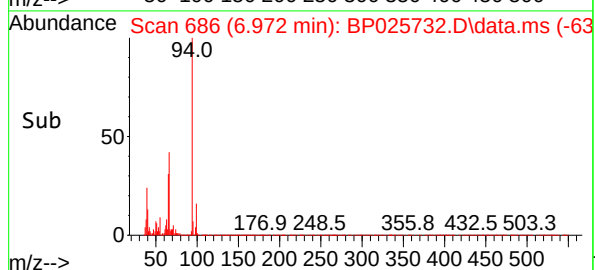
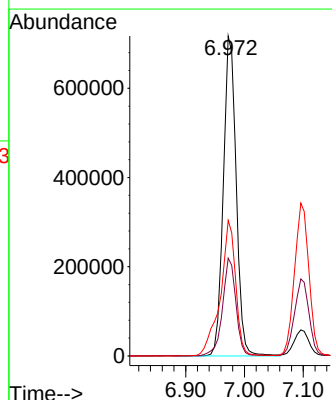
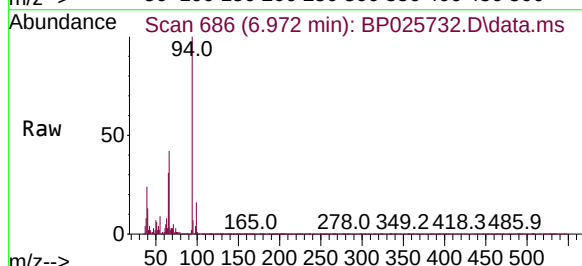
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

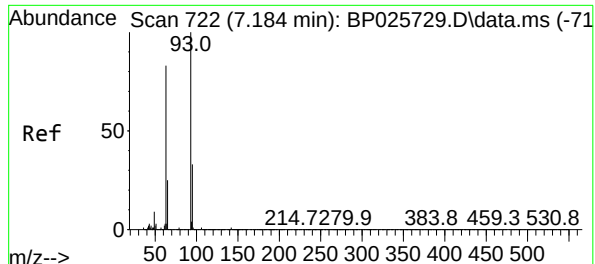
Tgt Ion: 77 Resp: 614881  
Ion Ratio Lower Upper  
77 100  
105 95.0 75.2 115.2  
106 91.3 71.3 111.3



#10  
Phenol  
Concen: 80.162 ng  
RT: 6.972 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion: 94 Resp: 1090983  
Ion Ratio Lower Upper  
94 100  
65 30.5 10.2 50.2  
66 42.3 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 78.251 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

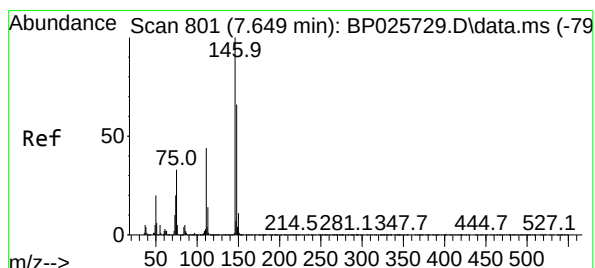
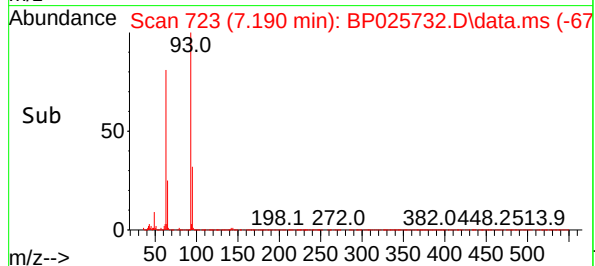
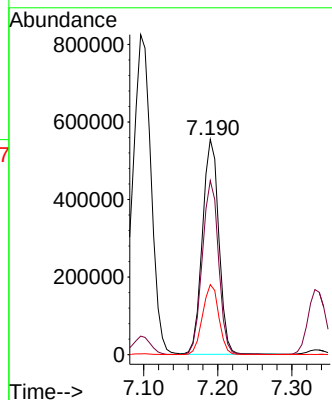
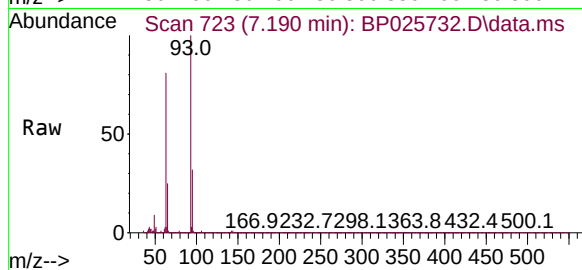
Tgt Ion: 93 Resp: 855627

Ion Ratio Lower Upper

93 100

63 80.8 62.6 102.6

95 32.5 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 75.659 ng

RT: 7.649 min Scan# 801

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

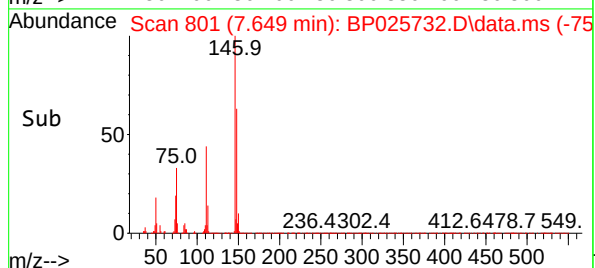
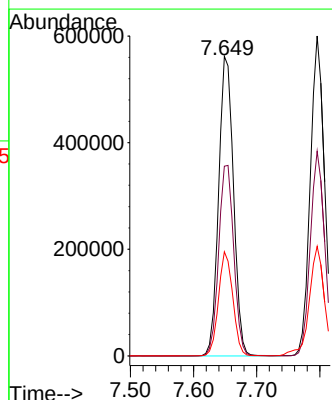
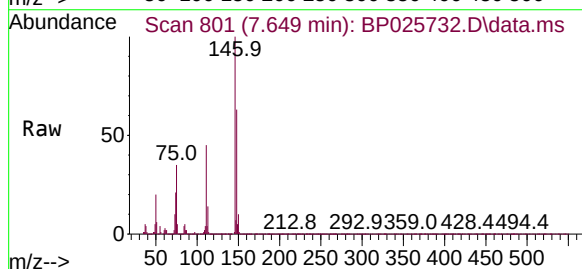
Tgt Ion: 146 Resp: 917305

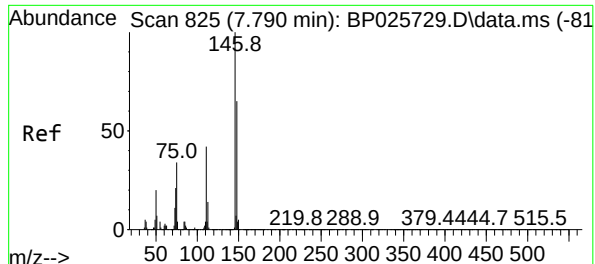
Ion Ratio Lower Upper

146 100

148 63.3 52.7 79.1

75 34.8 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 75.728 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

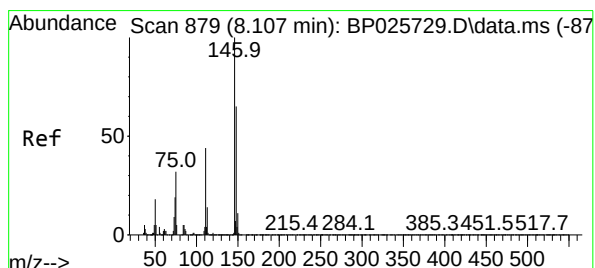
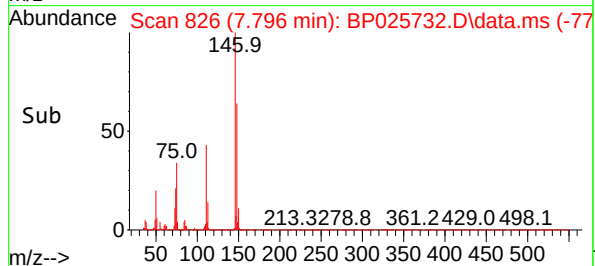
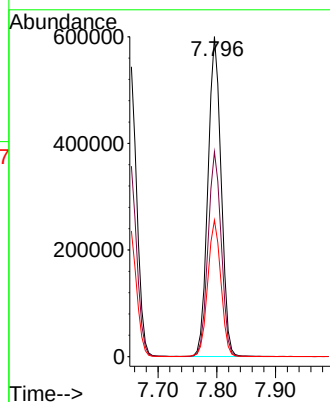
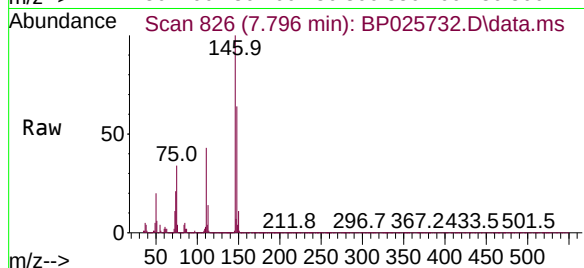
Tgt Ion:146 Resp: 935253

Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

111 42.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 75.489 ng

RT: 8.108 min Scan# 879

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

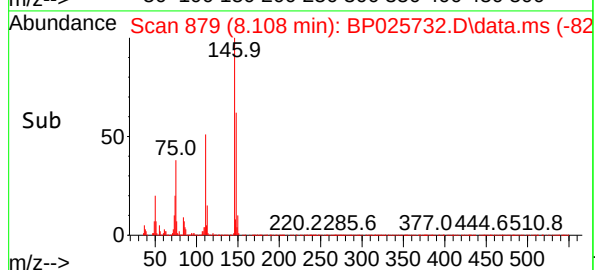
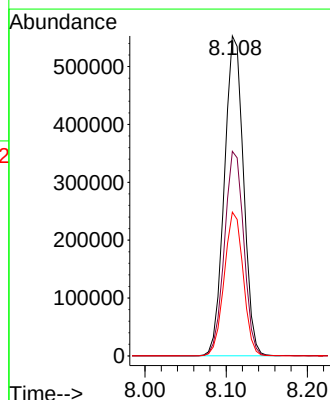
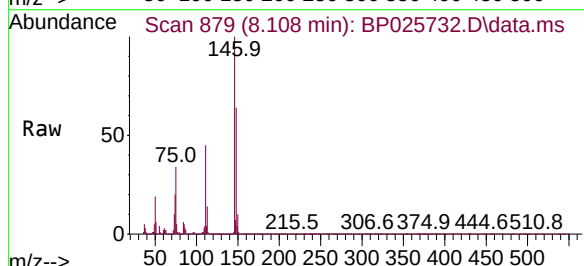
Tgt Ion:146 Resp: 905715

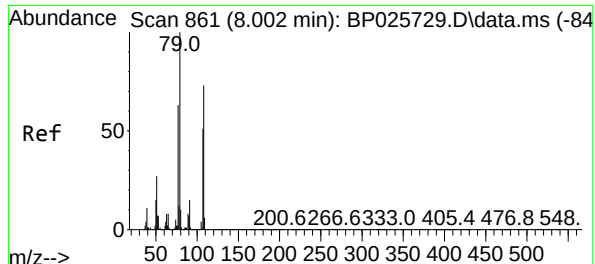
Ion Ratio Lower Upper

146 100

148 63.9 51.7 77.5

111 44.9 35.5 53.3





#15

Benzyl Alcohol

Concen: 81.113 ng

RT: 8.002 min Scan# 861

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

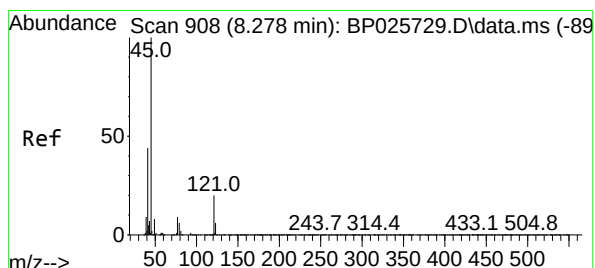
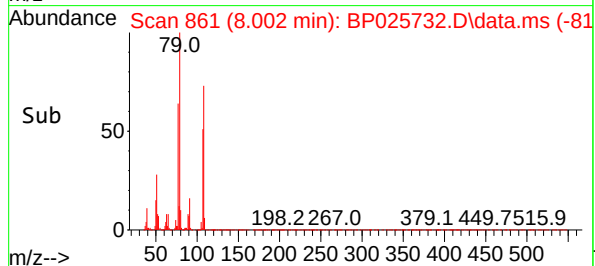
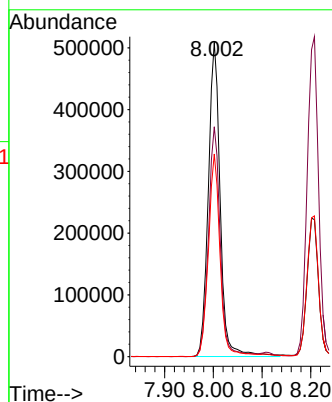
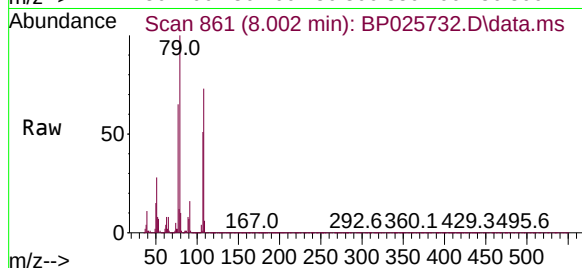
Tgt Ion: 79 Resp: 865116

Ion Ratio Lower Upper

79 100

108 73.1 58.7 88.1

77 64.5 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 76.370 ng

RT: 8.278 min Scan# 908

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

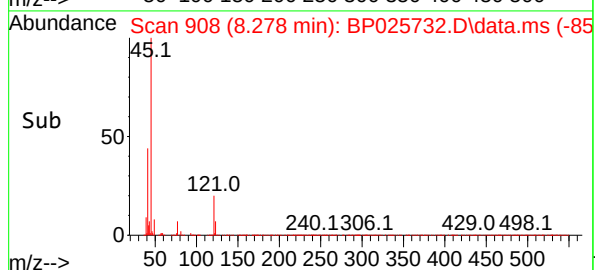
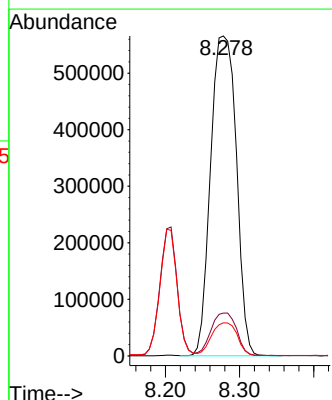
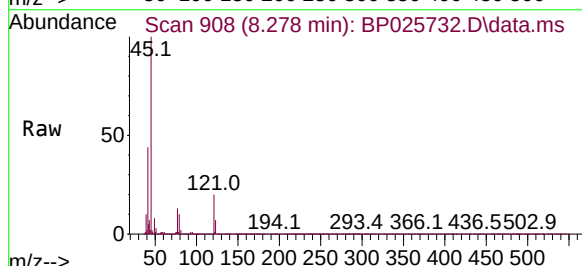
Tgt Ion: 45 Resp: 1365629

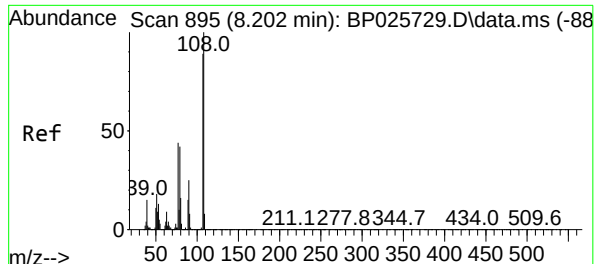
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.1

79 10.3 0.0 30.0

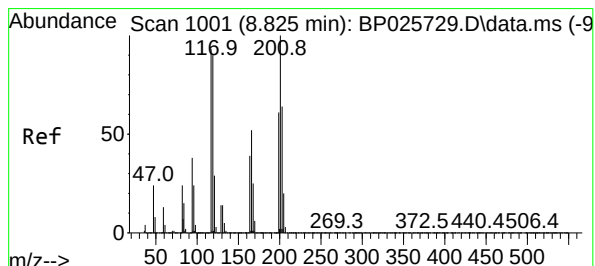
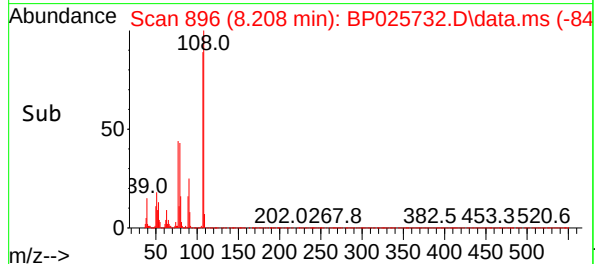
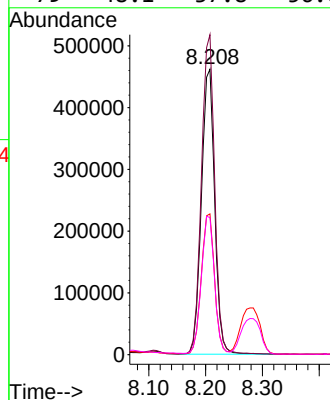
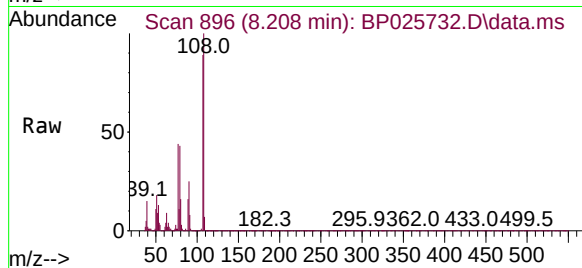




#17  
2-Methylphenol  
Concen: 81.433 ng  
RT: 8.208 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

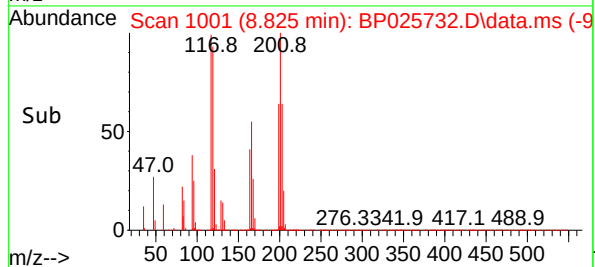
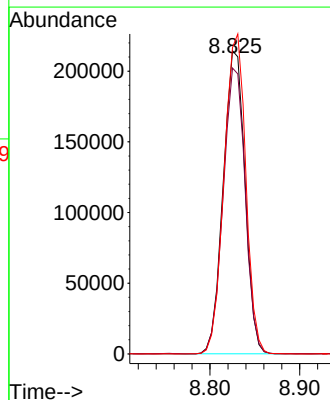
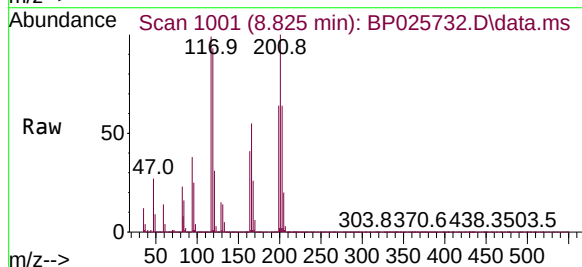
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

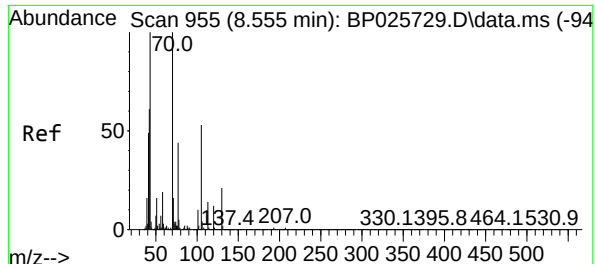
Tgt Ion:107 Resp: 747211  
Ion Ratio Lower Upper  
107 100  
108 112.1 89.6 134.4  
77 49.3 39.3 58.9  
79 48.1 37.8 56.6



#18  
Hexachloroethane  
Concen: 76.881 ng  
RT: 8.825 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:117 Resp: 362679  
Ion Ratio Lower Upper  
117 100  
119 94.3 77.1 115.7  
201 101.0 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 81.103 ng

RT: 8.560 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP025732.D

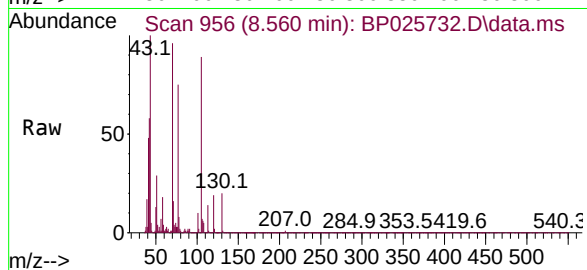
Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 721517

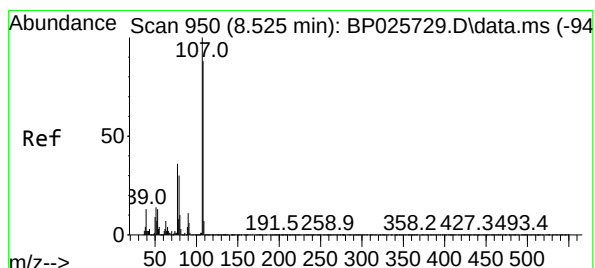
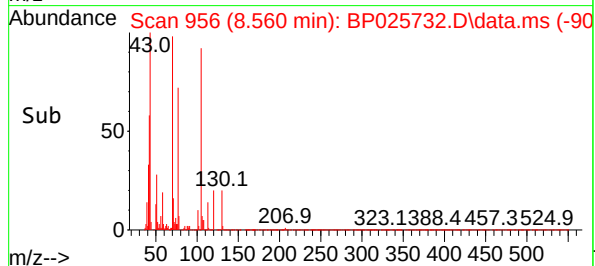
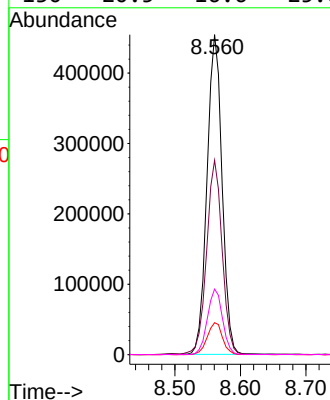
Ion Ratio Lower Upper

70 100

42 60.8 49.0 73.4

101 10.0 7.9 11.9

130 20.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 79.634 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion: 107 Resp: 1023340

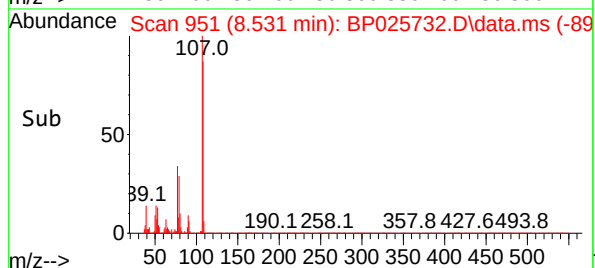
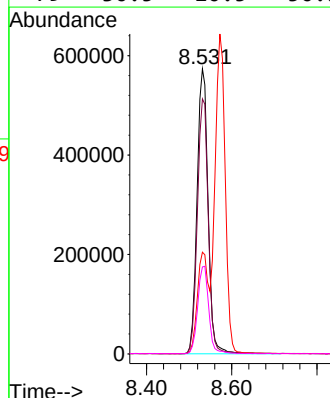
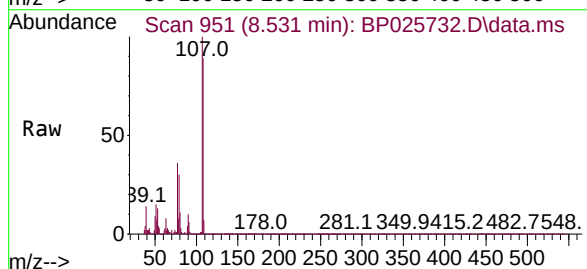
Ion Ratio Lower Upper

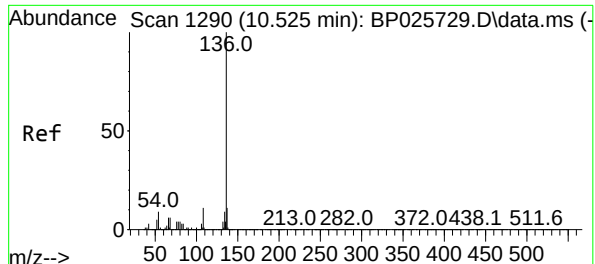
107 100

108 89.5 67.8 107.8

77 35.7 16.1 56.1

79 30.5 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.531 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 657507

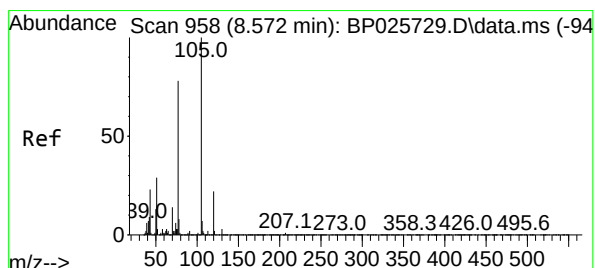
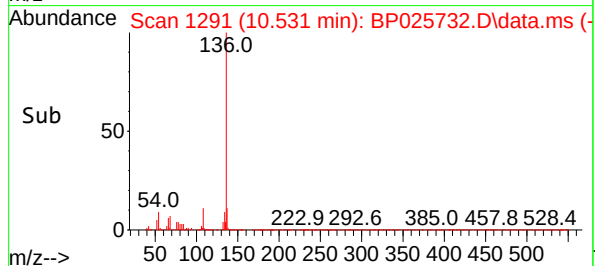
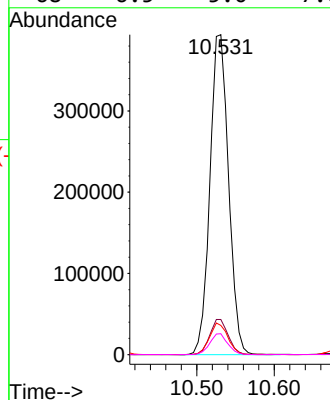
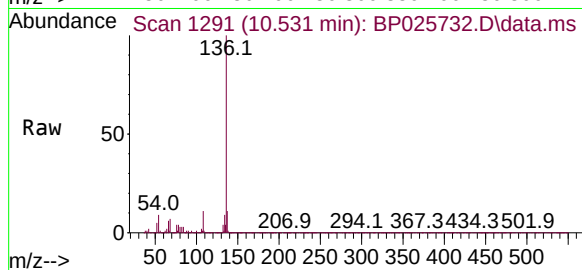
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.1 7.5 11.3

68 6.5 5.0 7.6



#22

Acetophenone

Concen: 77.798 ng

RT: 8.572 min Scan# 958

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion:105 Resp: 1366991

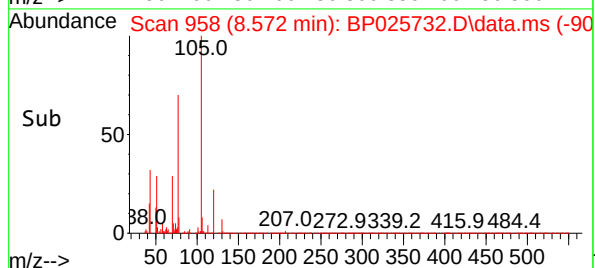
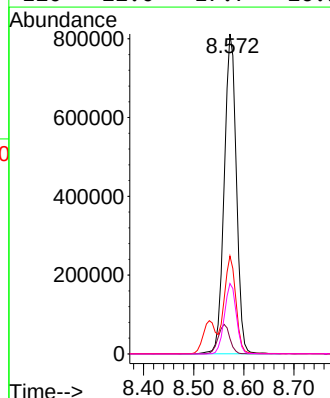
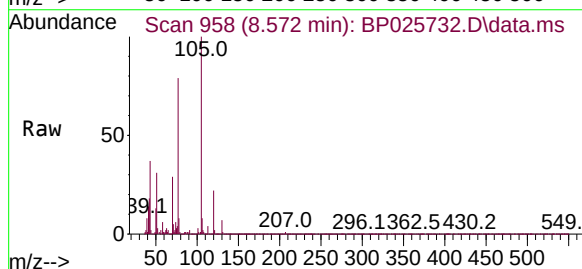
Ion Ratio Lower Upper

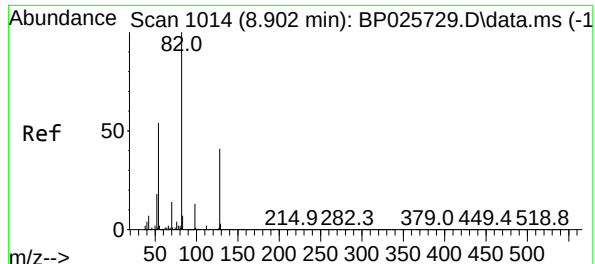
105 100

71 4.8 1.8 2.8

51 30.6 23.5 35.3

120 22.0 17.7 26.5





#23

Nitrobenzene-d5

Concen: 155.163 ng

RT: 8.908 min Scan# 1015

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

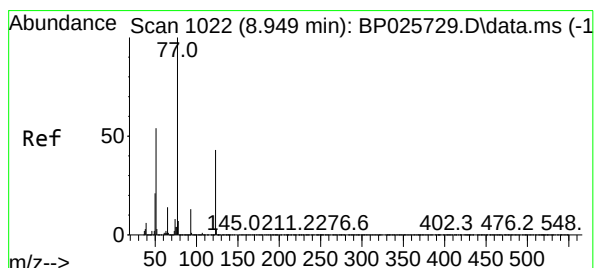
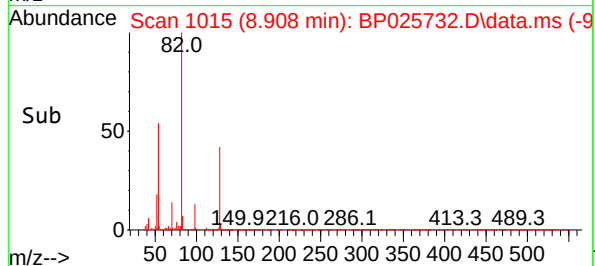
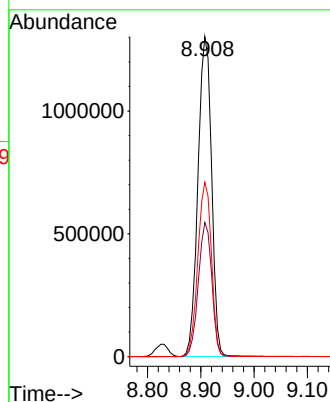
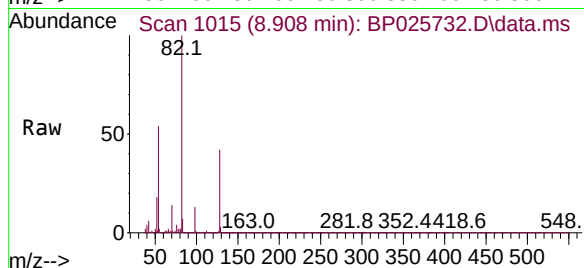
BNA\_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 2312828

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.9  | 32.9  | 49.3  |
| 54  | 54.5  | 43.4  | 65.2  |



#24

Nitrobenzene

Concen: 78.746 ng

RT: 8.949 min Scan# 1022

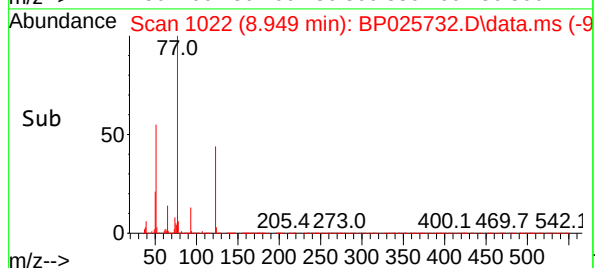
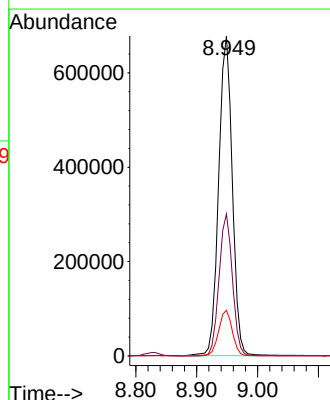
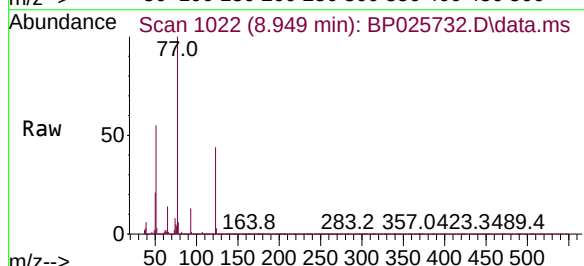
Delta R.T. 0.000 min

Lab File: BP025732.D

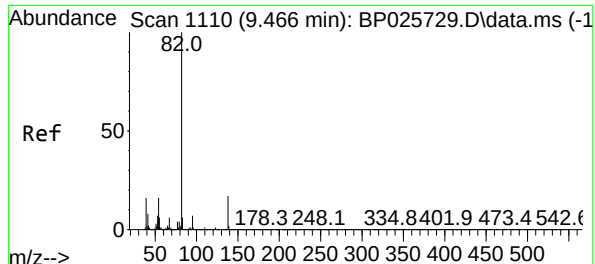
Acq: 11 Sep 2025 14:24

Tgt Ion: 77 Resp: 1052990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 44.4  | 34.4  | 51.6  |
| 65  | 14.3  | 10.8  | 16.2  |



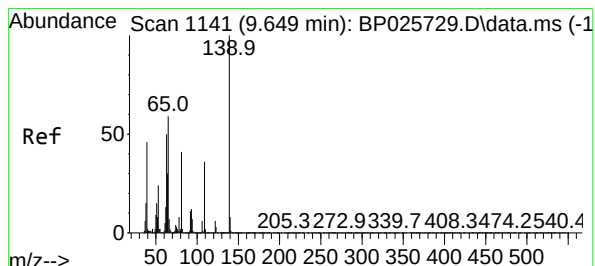
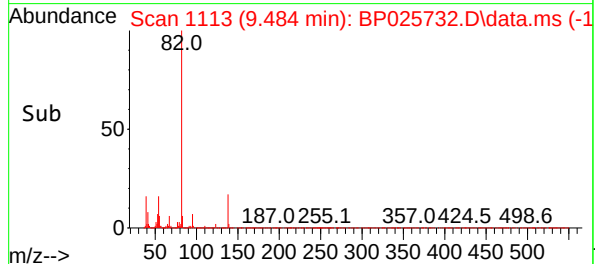
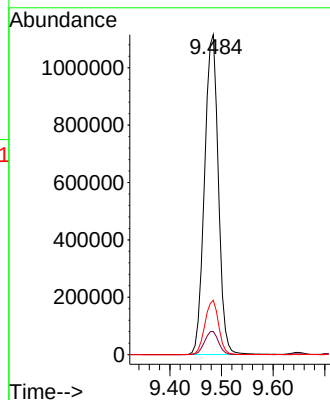
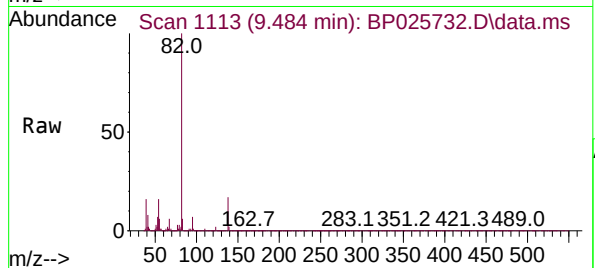




#25  
Isophorone  
Concen: 79.012 ng  
RT: 9.484 min Scan# 1113  
Delta R.T. 0.018 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

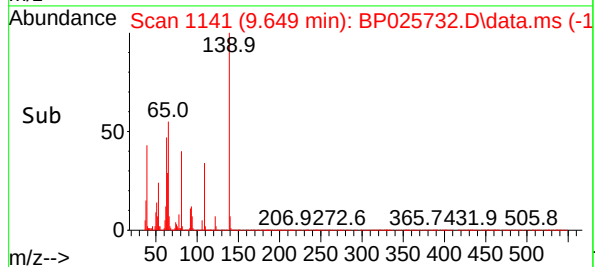
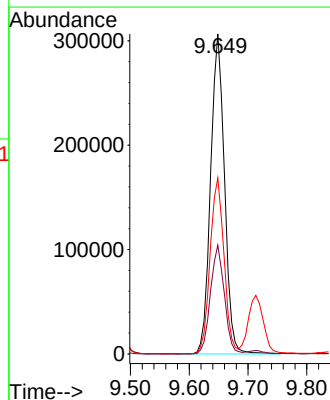
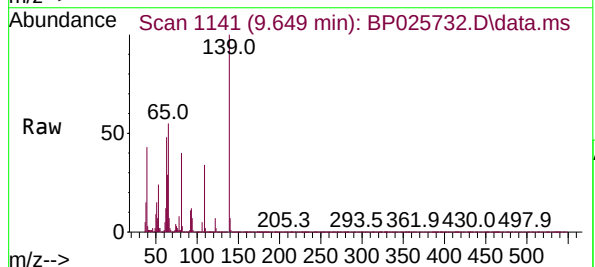
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

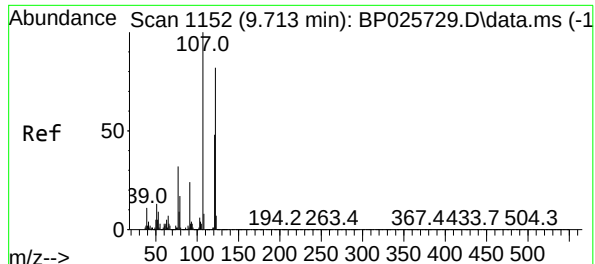
Tgt Ion: 82 Resp: 2070061  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.8  
138 17.0 13.5 20.3



#26  
2-Nitrophenol  
Concen: 84.931 ng  
RT: 9.649 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion: 139 Resp: 504228  
Ion Ratio Lower Upper  
139 100  
109 34.0 29.0 43.4  
65 55.0 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 80.887 ng

RT: 9.713 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

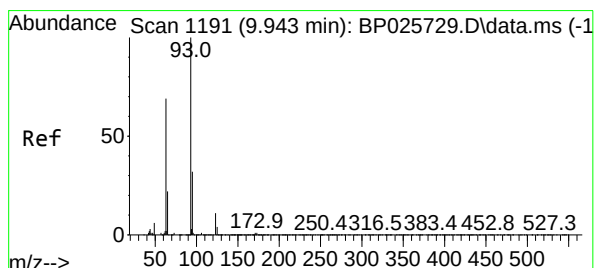
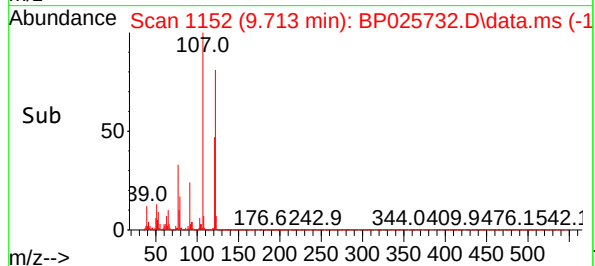
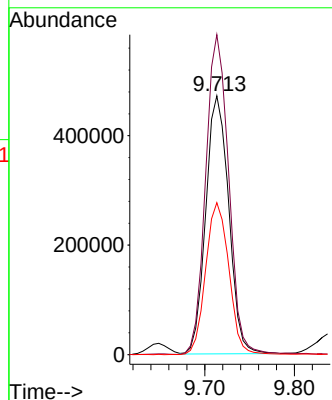
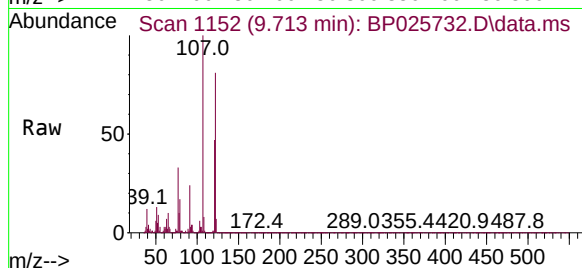
Tgt Ion:122 Resp: 842469

Ion Ratio Lower Upper

122 100

107 123.6 97.9 146.9

121 58.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 78.631 ng

RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

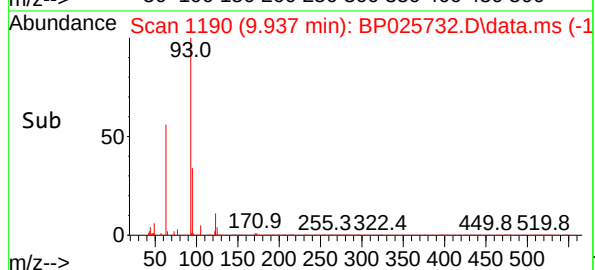
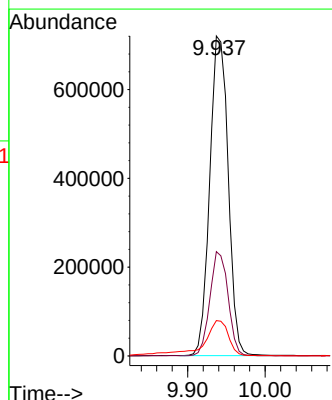
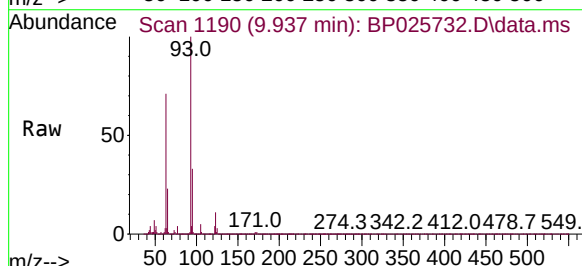
Tgt Ion: 93 Resp: 1190837

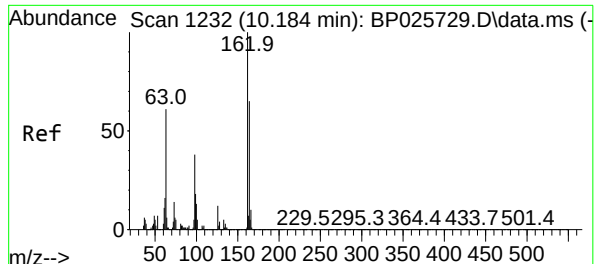
Ion Ratio Lower Upper

93 100

95 32.6 25.6 38.4

123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 81.883 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

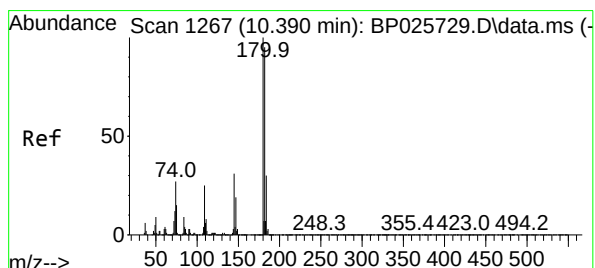
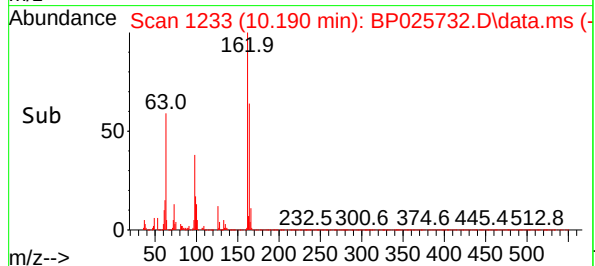
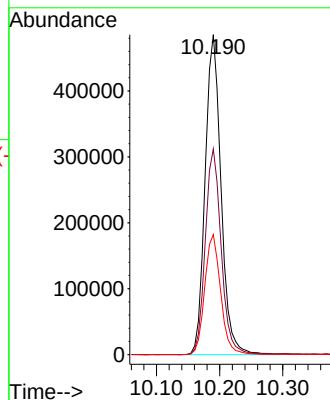
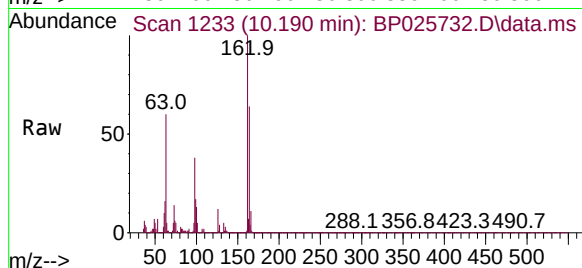
Tgt Ion:162 Resp: 850329

Ion Ratio Lower Upper

162 100

164 64.3 44.7 84.7

98 37.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 77.134 ng

RT: 10.390 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

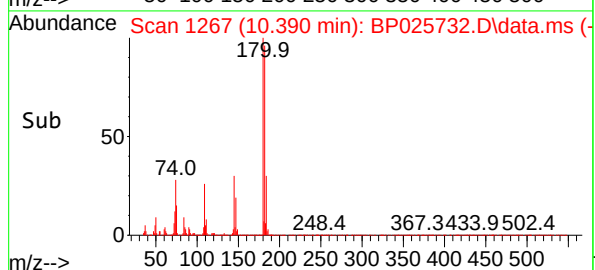
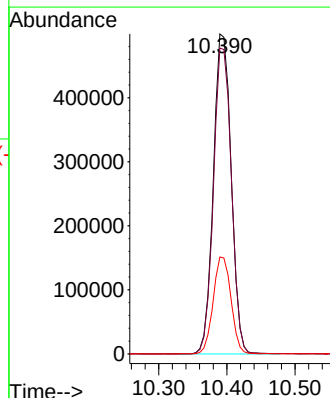
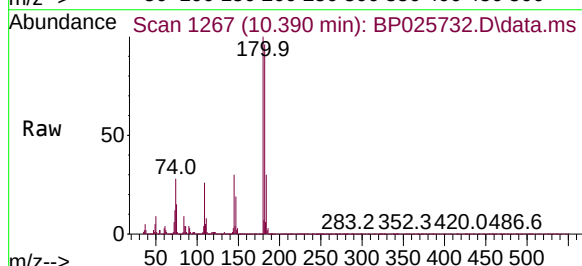
Tgt Ion:180 Resp: 902735

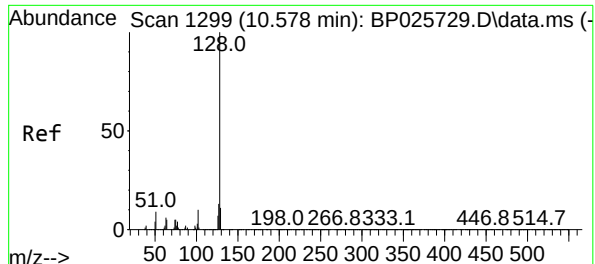
Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 30.3 24.7 37.1

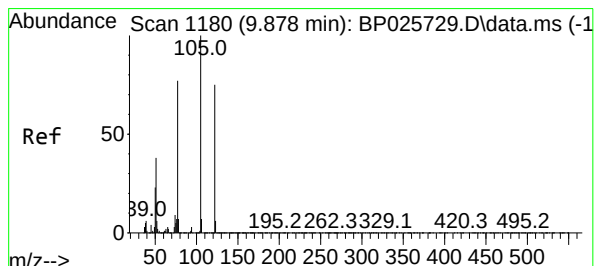
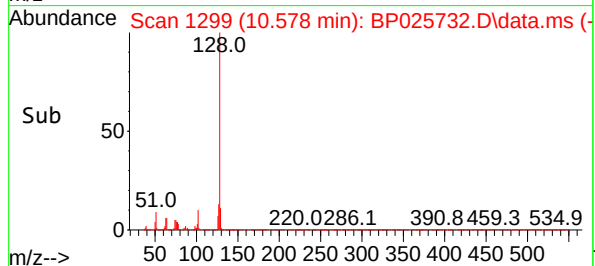
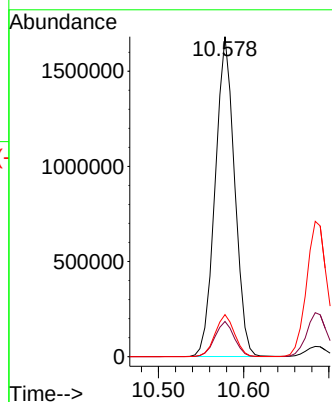
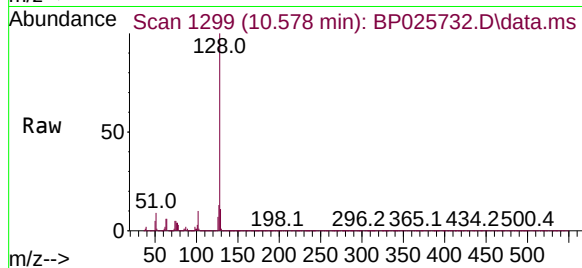




#31  
Naphthalene  
Concen: 74.948 ng  
RT: 10.578 min Scan# 1299  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

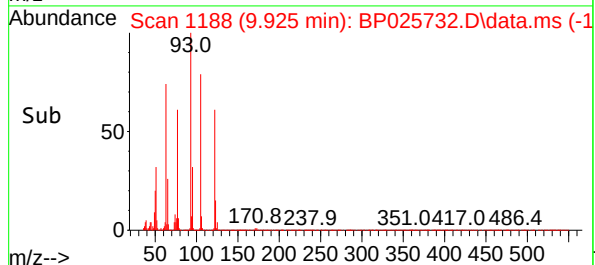
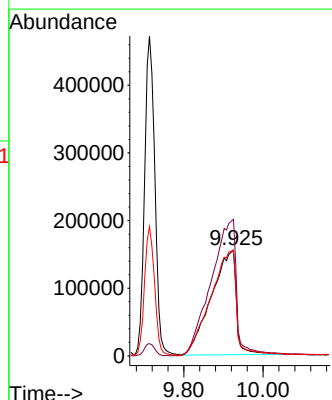
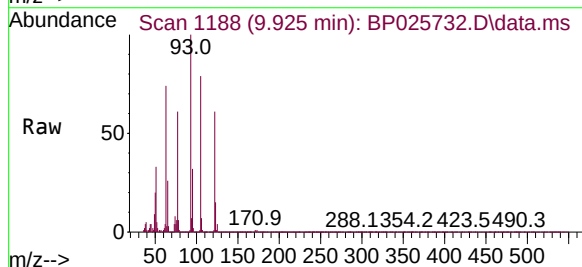
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

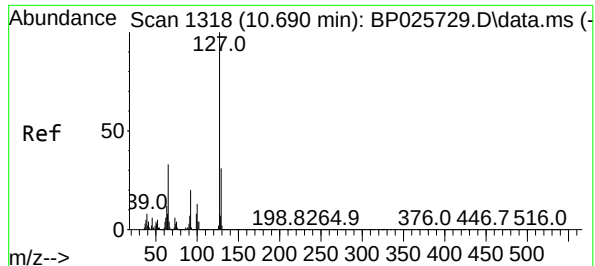
Tgt Ion:128 Resp: 2657135  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 12.8  
127 13.2 10.2 15.4



#32  
Benzoic acid  
Concen: 87.910 ng  
RT: 9.925 min Scan# 1188  
Delta R.T. 0.047 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:122 Resp: 680741  
Ion Ratio Lower Upper  
122 100  
105 129.3 111.5 151.5  
77 100.2 81.8 121.8



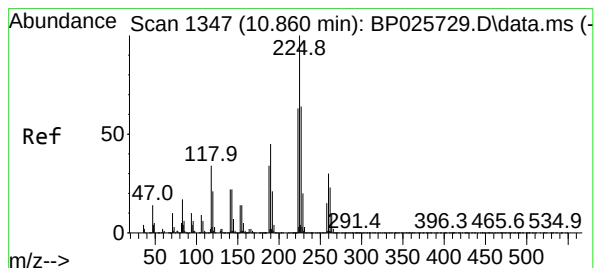
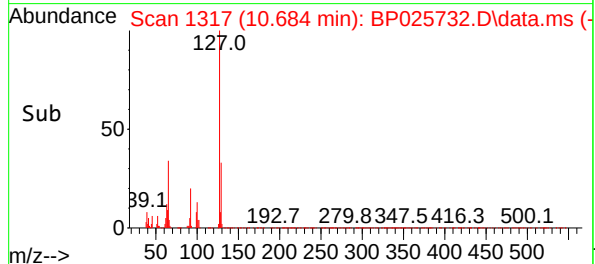
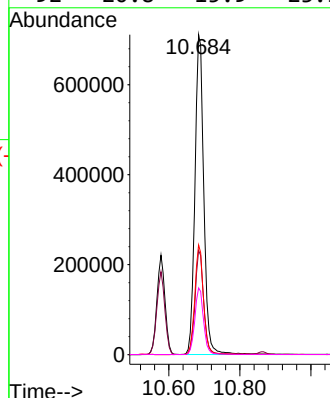
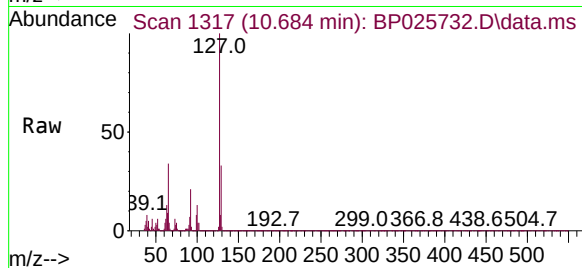


#33  
4-Chloroaniline  
Concen: 83.774 ng  
RT: 10.684 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

Tgt Ion:127 Resp: 1237939

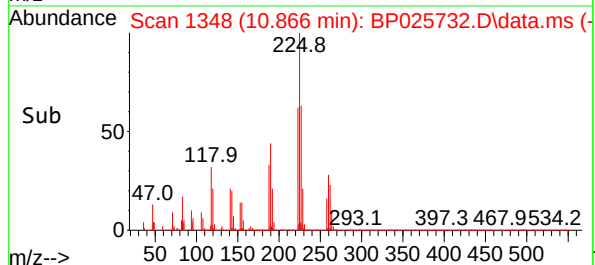
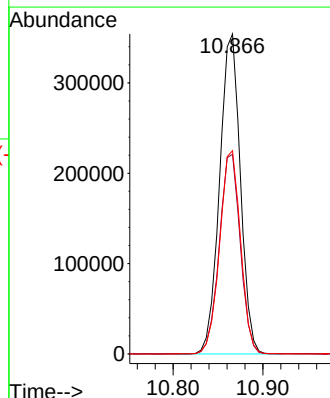
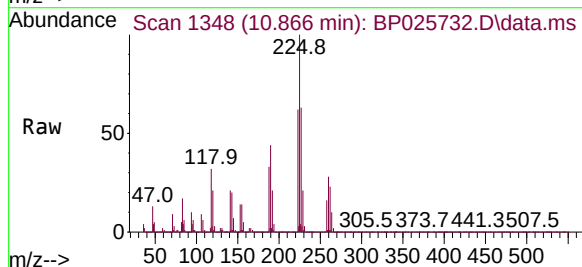
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.5  | 25.1  | 37.7  |
| 65  | 34.3  | 26.4  | 39.6  |
| 92  | 20.8  | 15.9  | 23.9  |

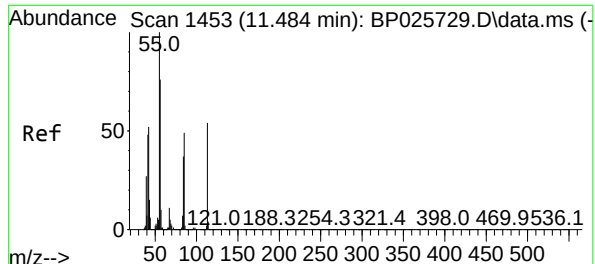


#34  
Hexachlorobutadiene  
Concen: 75.871 ng  
RT: 10.866 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:225 Resp: 571616

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 62.4  | 50.1  | 75.1  |
| 227 | 63.5  | 51.2  | 76.8  |





#35

Caprolactam

Concen: 81.266 ng

RT: 11.513 min Scan# 1453

Delta R.T. 0.029 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

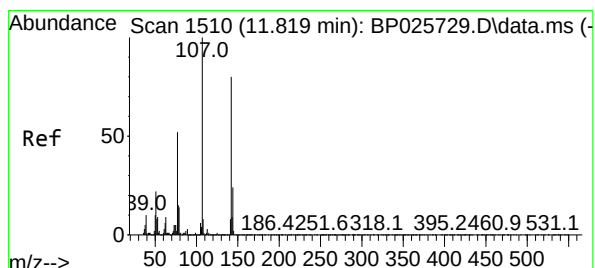
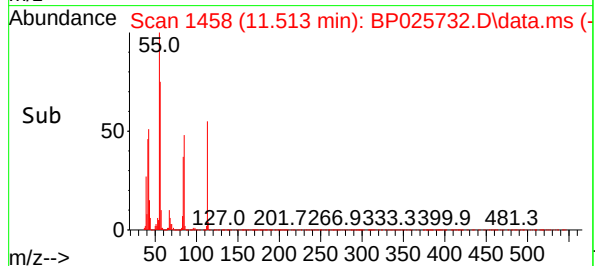
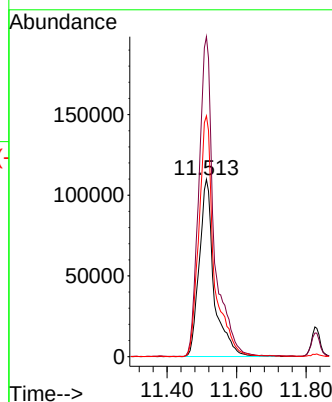
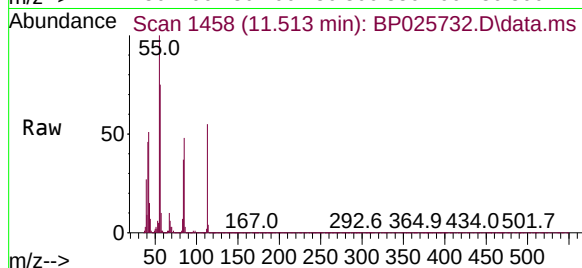
Tgt Ion:113 Resp: 324639

Ion Ratio Lower Upper

113 100

55 180.6 165.5 205.5

56 135.9 121.1 161.1



#36

4-Chloro-3-methylphenol

Concen: 80.654 ng

RT: 11.825 min Scan# 1511

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

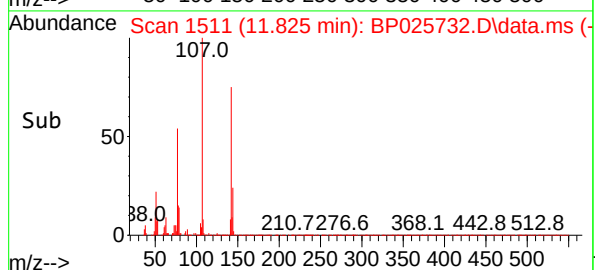
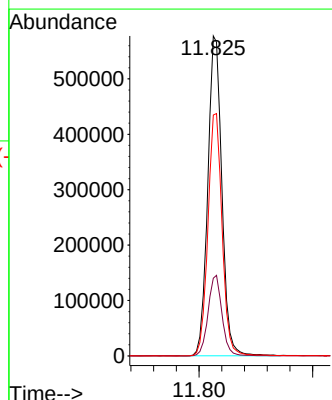
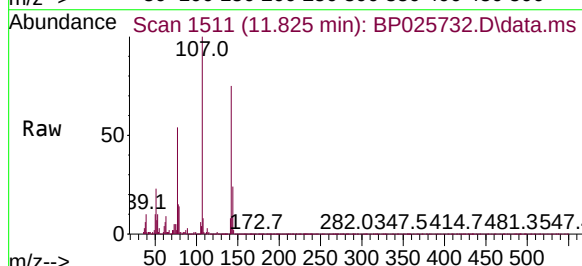
Tgt Ion:107 Resp: 998570

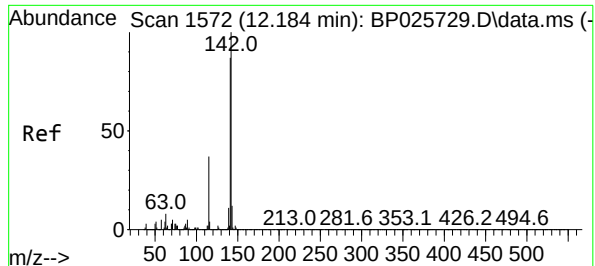
Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.2

142 75.3 63.8 95.6

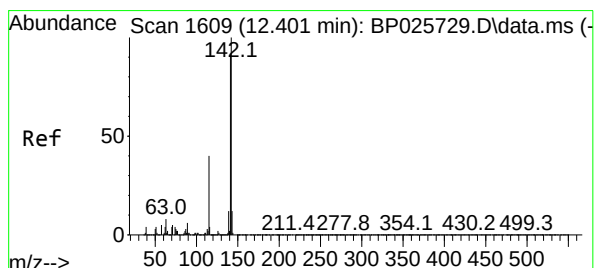
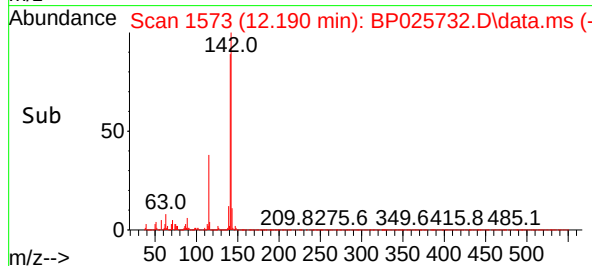
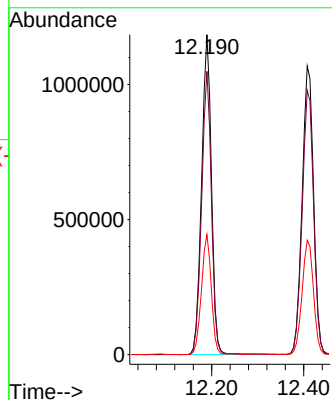
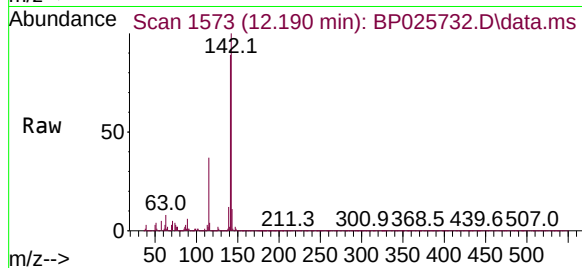




#37  
2-Methylnaphthalene  
Concen: 76.891 ng  
RT: 12.190 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

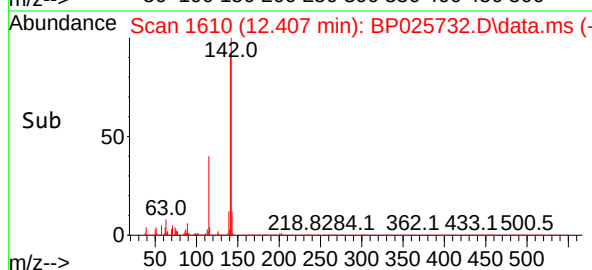
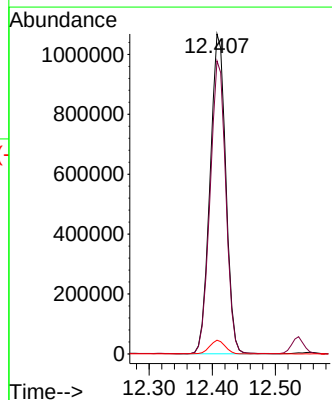
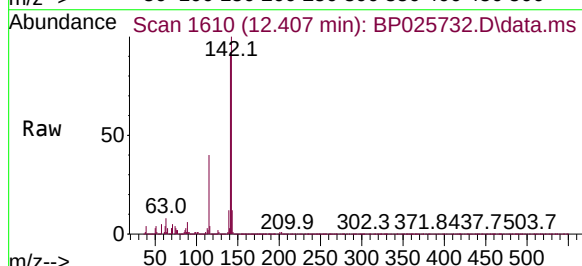
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

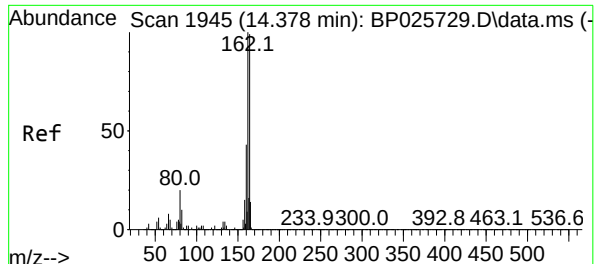
Tgt Ion:142 Resp: 1750889  
Ion Ratio Lower Upper  
142 100  
141 88.5 69.6 104.4  
115 37.5 30.0 45.0



#38  
1-Methylnaphthalene  
Concen: 76.178 ng  
RT: 12.407 min Scan# 1610  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:142 Resp: 1849786  
Ion Ratio Lower Upper  
142 100  
141 91.6 72.7 109.1  
116 4.3 3.5 5.3

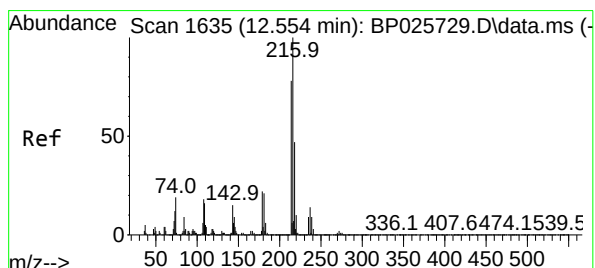
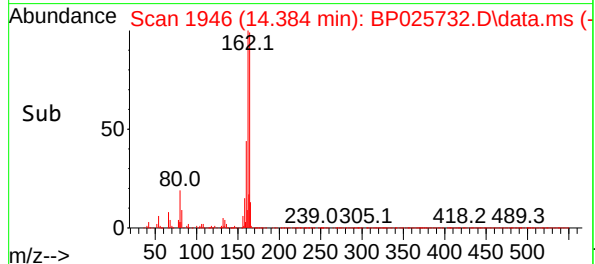
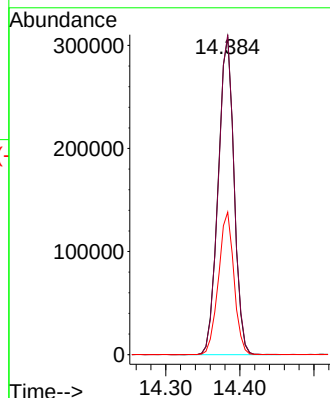
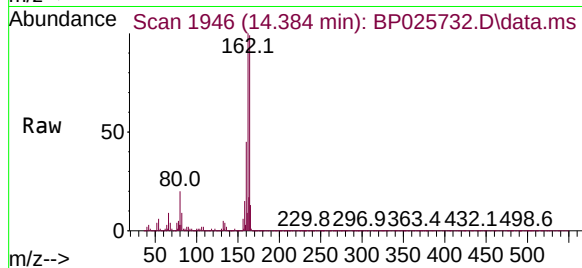




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.384 min Scan# 1946  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

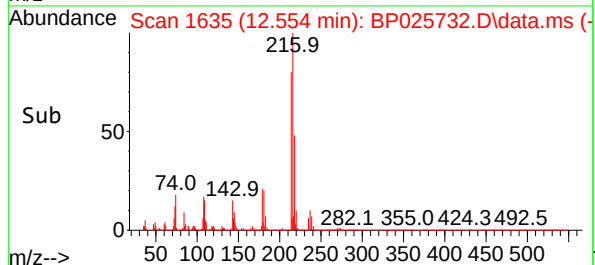
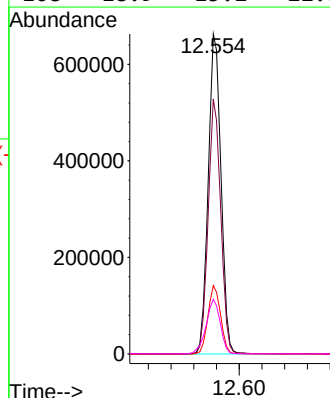
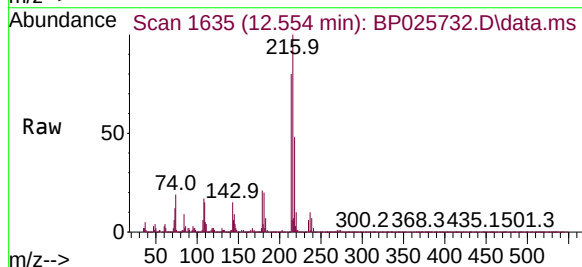
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

| Tgt Ion | 164   | Resp  | 457251 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 164     | 100   |       |        |
| 162     | 100.9 | 80.6  | 120.8  |
| 160     | 44.9  | 35.0  | 52.6   |

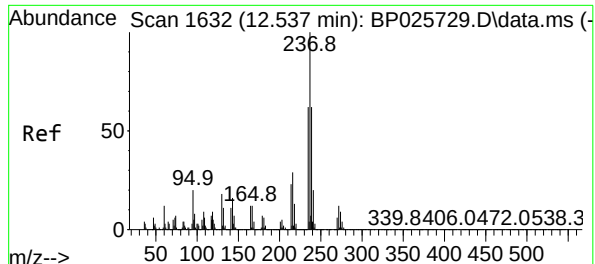


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 75.038 ng  
RT: 12.554 min Scan# 1635  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

| Tgt Ion | 216   | Resp  | 1039713 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 216     | 100   |       |         |
| 214     | 78.4  | 62.4  | 93.6    |
| 179     | 21.1  | 17.0  | 25.6    |
| 108     | 18.9  | 15.2  | 22.8    |



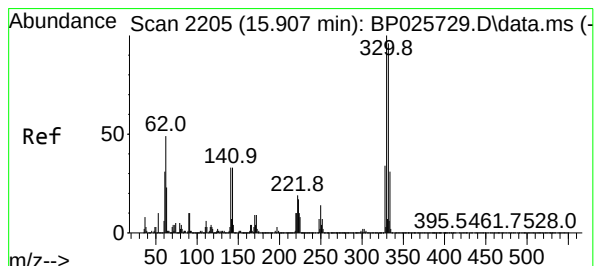
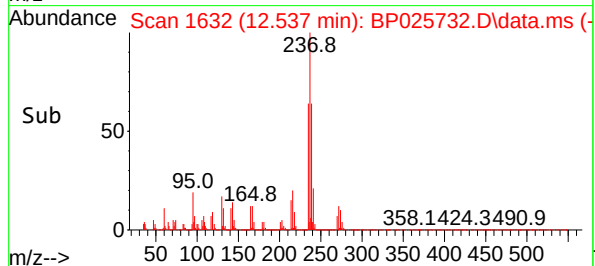
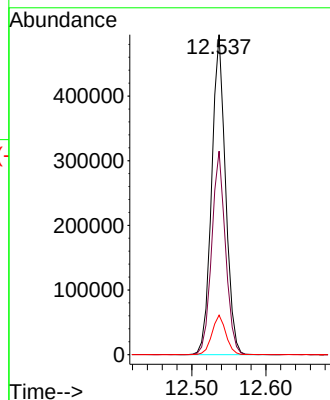
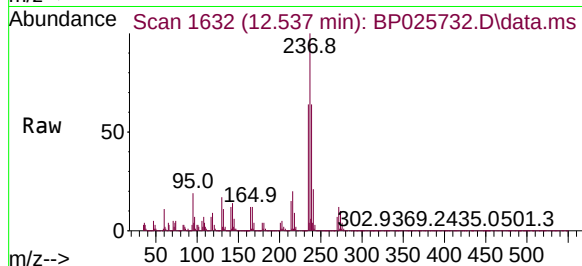




#41  
Hexachlorocyclopentadiene  
Concen: 84.983 ng  
RT: 12.537 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

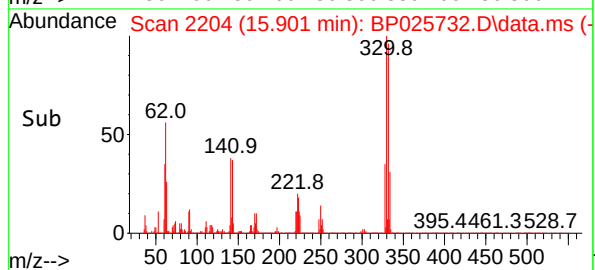
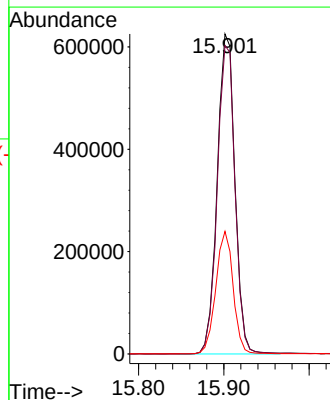
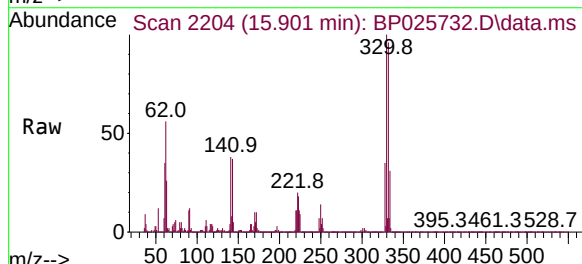
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

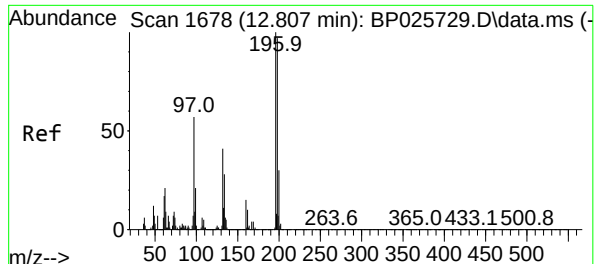
Tgt Ion: 237 Resp: 641317  
Ion Ratio Lower Upper  
237 100  
235 63.6 41.9 81.9  
272 12.3 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 158.067 ng  
RT: 15.901 min Scan# 2204  
Delta R.T. -0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion: 330 Resp: 901504  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.9 115.3  
141 37.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 79.683 ng

RT: 12.807 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

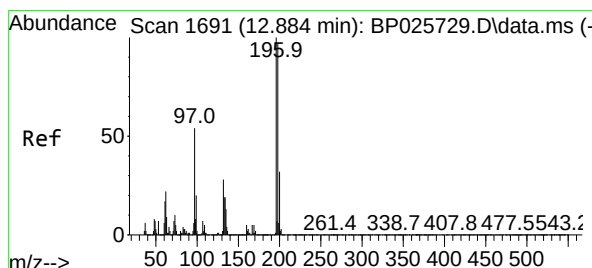
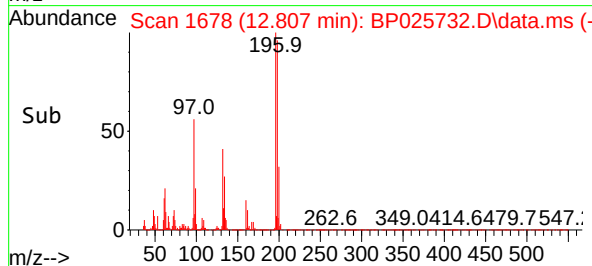
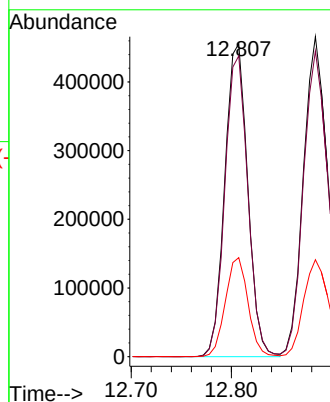
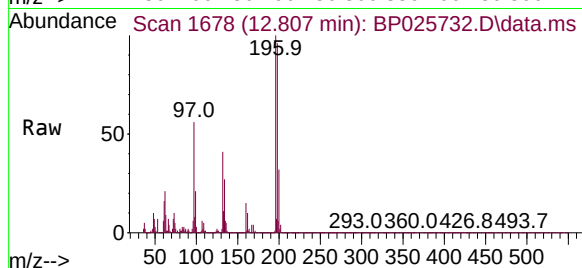
Tgt Ion:196 Resp: 725824

Ion Ratio Lower Upper

196 100

198 96.1 77.2 115.8

200 31.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 79.601 ng

RT: 12.884 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion:196 Resp: 806956

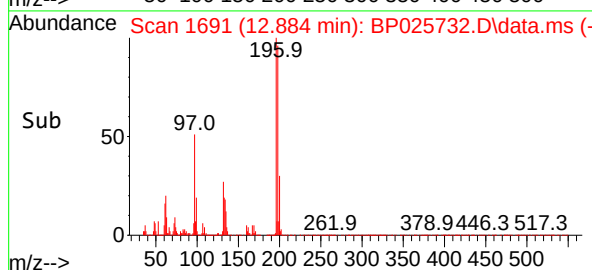
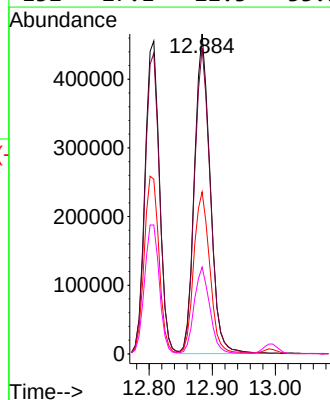
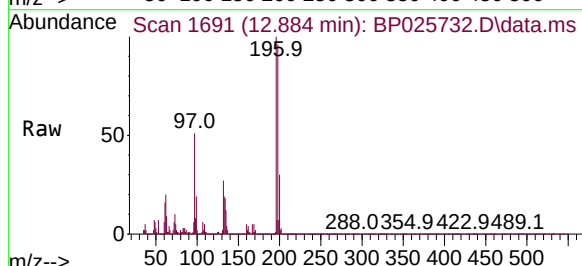
Ion Ratio Lower Upper

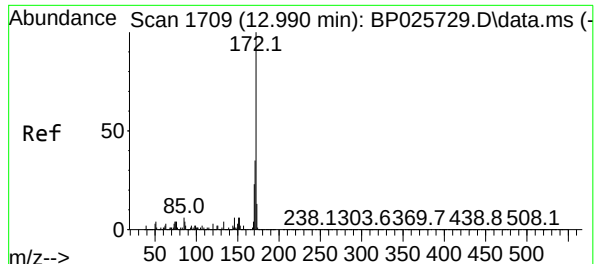
196 100

198 95.5 77.8 116.8

97 50.6 43.3 64.9

132 27.1 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 140.360 ng

RT: 12.996 min Scan# 1710

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

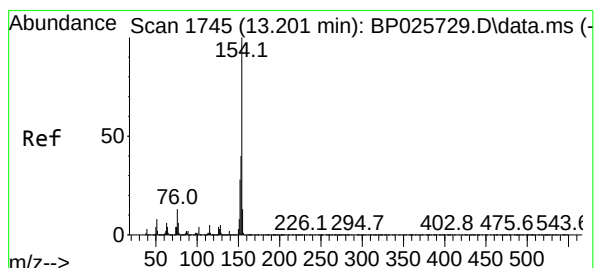
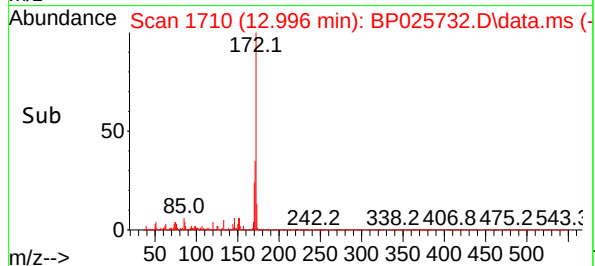
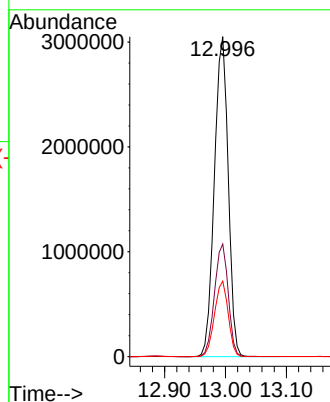
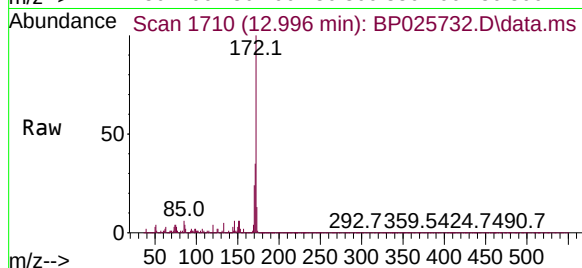
Tgt Ion:172 Resp: 4820104

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 74.426 ng

RT: 13.201 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

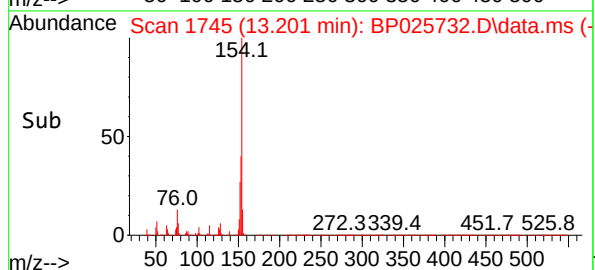
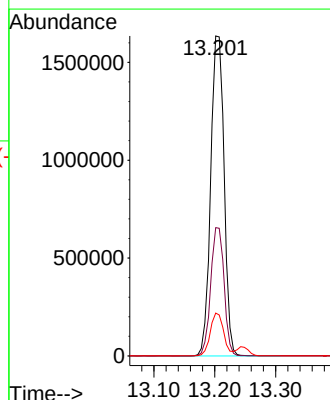
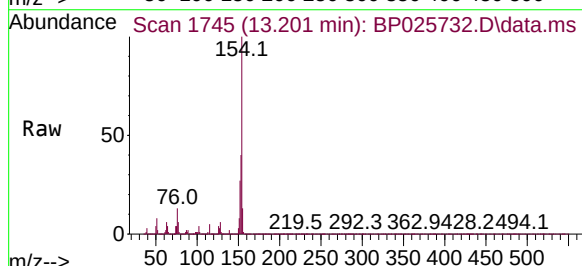
Tgt Ion:154 Resp: 2497929

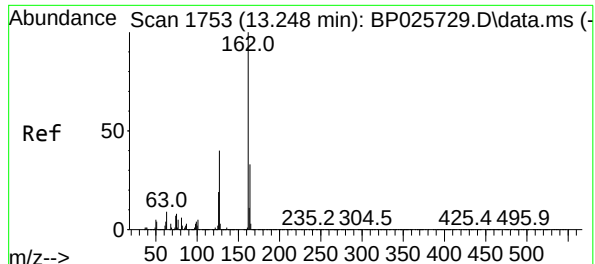
Ion Ratio Lower Upper

154 100

153 40.1 19.7 59.7

76 13.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 74.255 ng

RT: 13.243 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

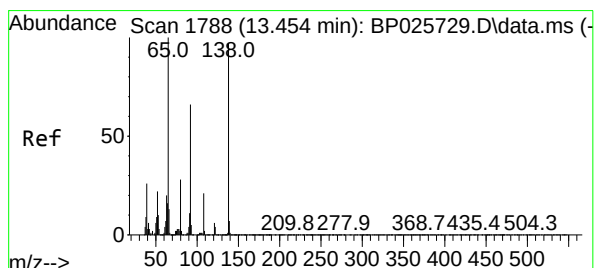
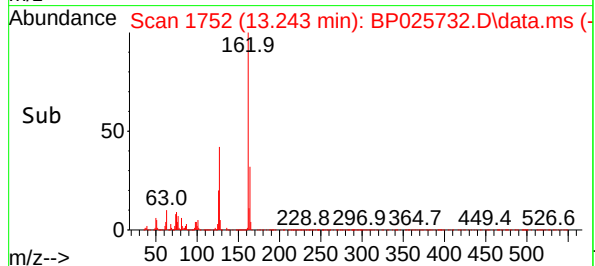
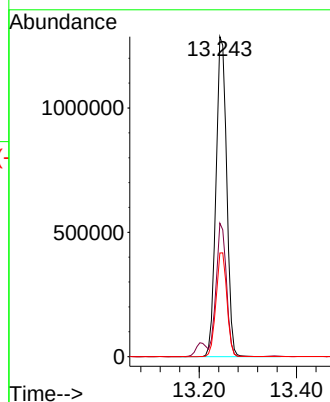
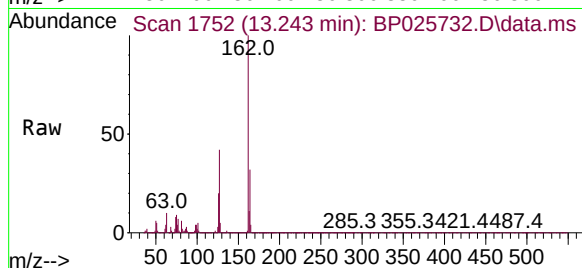
Tgt Ion:162 Resp: 1962349

Ion Ratio Lower Upper

162 100

127 41.7 32.2 48.4

164 32.4 26.5 39.7



#48

2-Nitroaniline

Concen: 83.218 ng

RT: 13.454 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

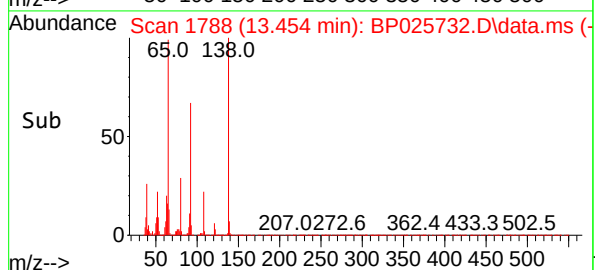
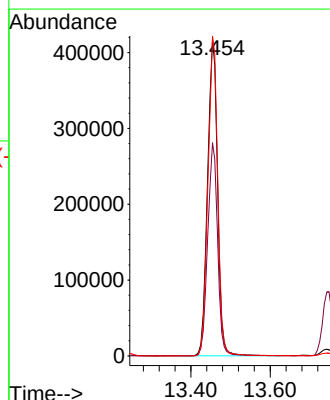
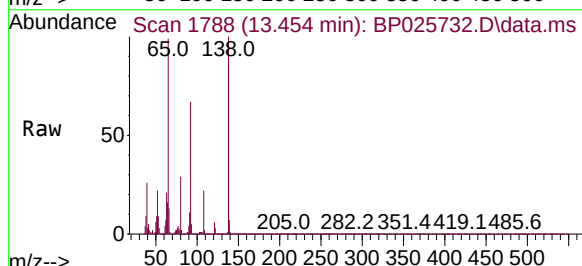
Tgt Ion: 65 Resp: 733091

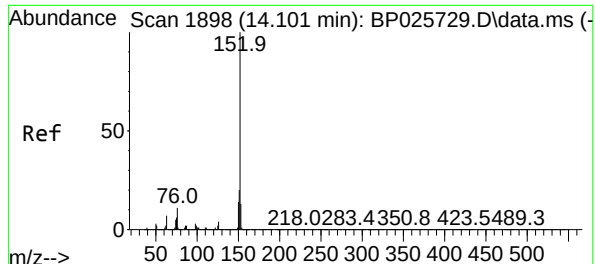
Ion Ratio Lower Upper

65 100

92 67.4 53.1 79.7

138 101.1 77.8 116.8





#49

Acenaphthylene

Concen: 75.625 ng

RT: 14.107 min Scan# 1898

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

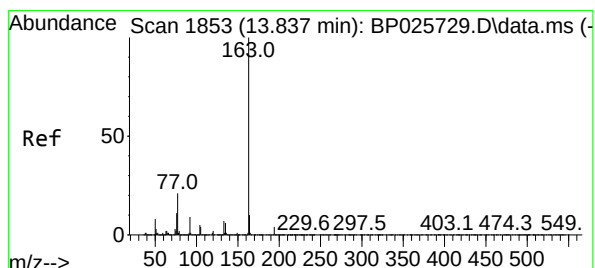
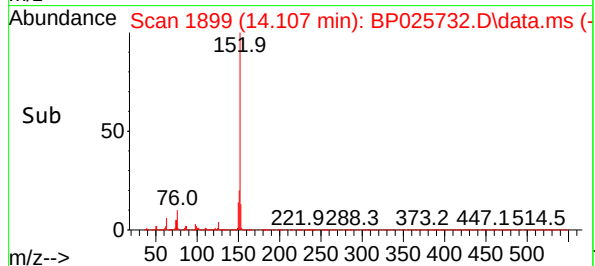
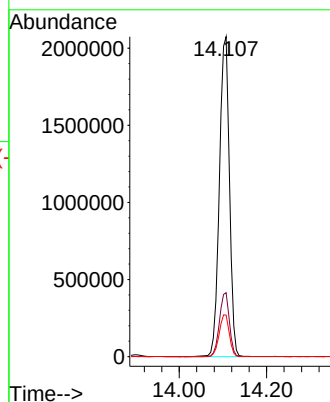
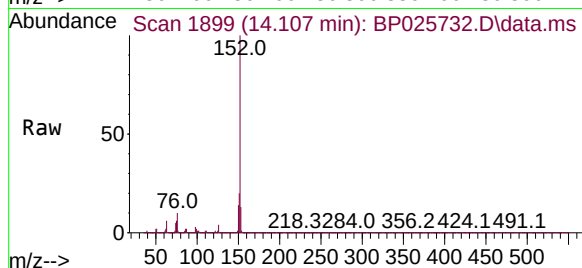
Tgt Ion:152 Resp: 3311359

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 74.909 ng

RT: 13.843 min Scan# 1854

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

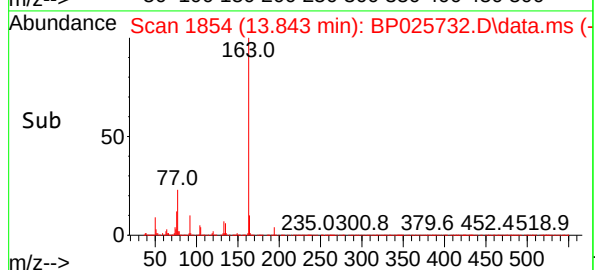
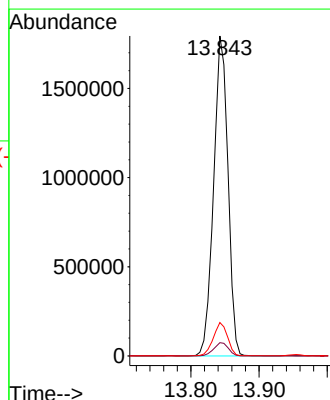
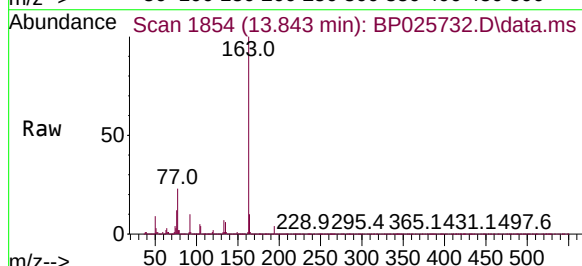
Tgt Ion:163 Resp: 2615037

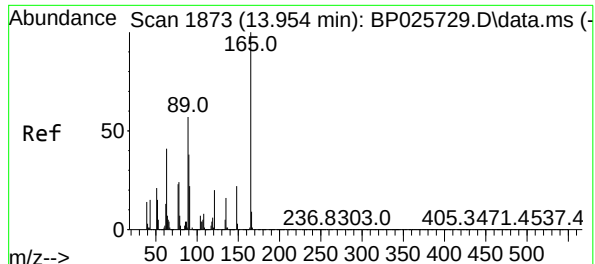
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.4 8.2 12.2

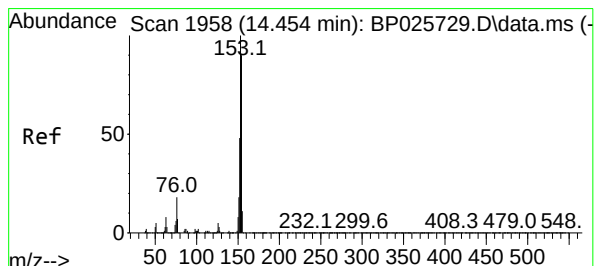
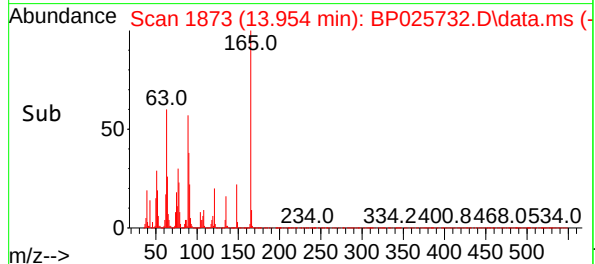
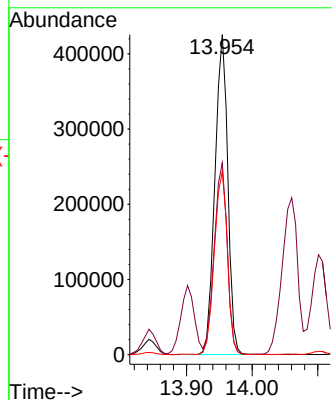
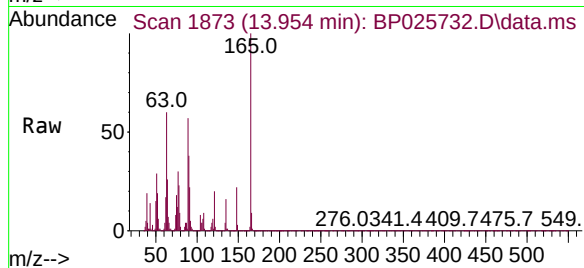




#51  
2,6-Dinitrotoluene  
Concen: 78.530 ng  
RT: 13.954 min Scan# 1873  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

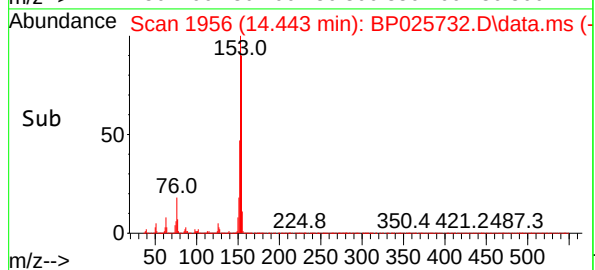
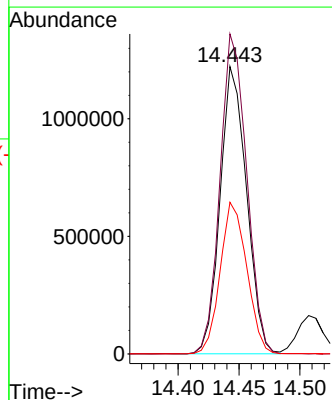
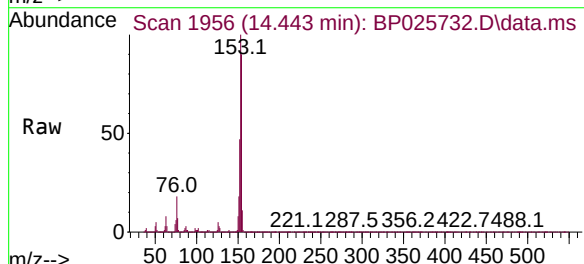
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

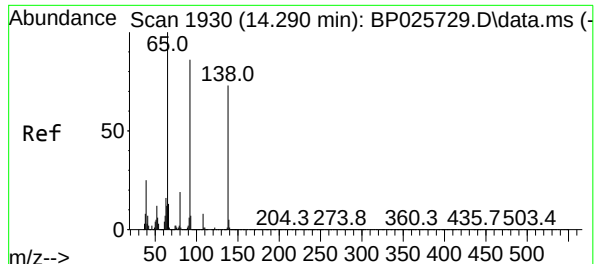
| Tgt Ion:  | 165   | Resp: | 580821 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 59.9  | 48.1  | 72.1   |
| 89        | 57.1  | 45.4  | 68.0   |



#52  
Acenaphthene  
Concen: 73.121 ng  
RT: 14.443 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

| Tgt Ion:  | 154   | Resp: | 1846398 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 154       | 100   |       |         |
| 153       | 111.4 | 89.4  | 134.0   |
| 152       | 52.8  | 42.5  | 63.7    |

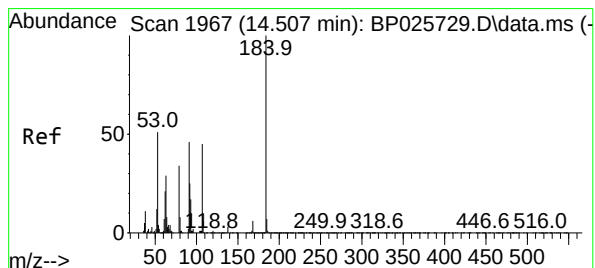
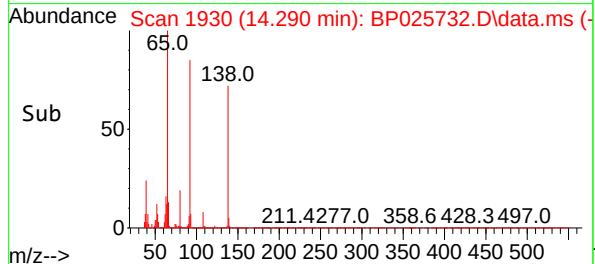
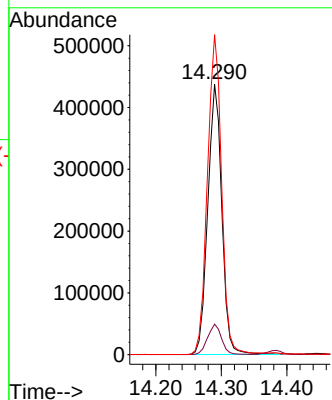
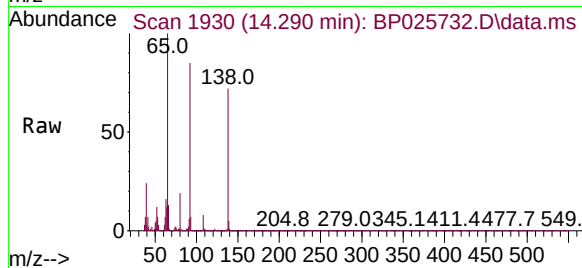




#53  
3-Nitroaniline  
Concen: 83.474 ng  
RT: 14.290 min Scan# 1930  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

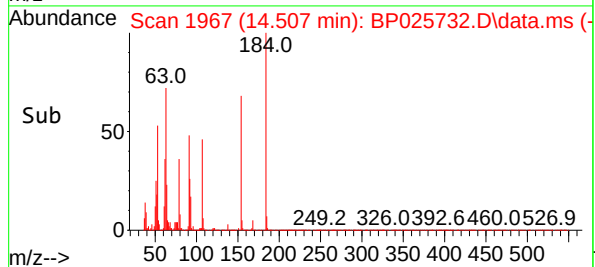
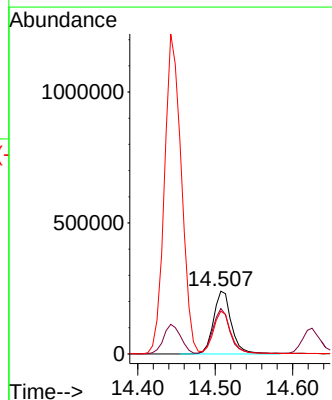
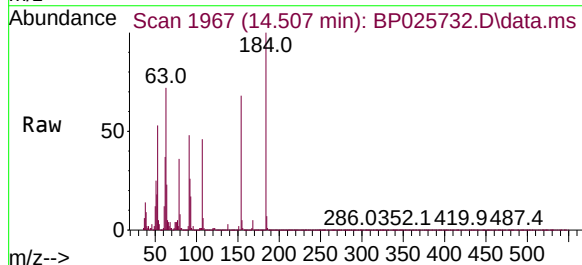
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

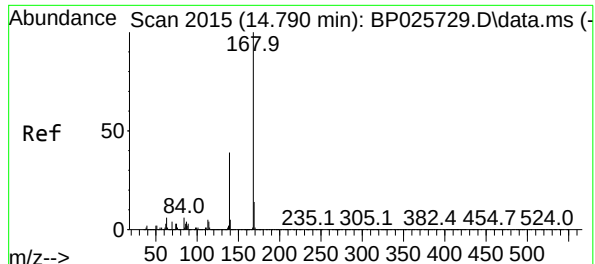
Tgt Ion:138 Resp: 649230  
Ion Ratio Lower Upper  
138 100  
108 11.3 8.7 13.1  
92 118.4 94.6 142.0



#54  
2,4-Dinitrophenol  
Concen: 79.506 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:184 Resp: 382175  
Ion Ratio Lower Upper  
184 100  
63 72.4 52.5 78.7  
154 68.1 51.5 77.3





#55

Dibenzofuran

Concen: 72.882 ng

RT: 14.790 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

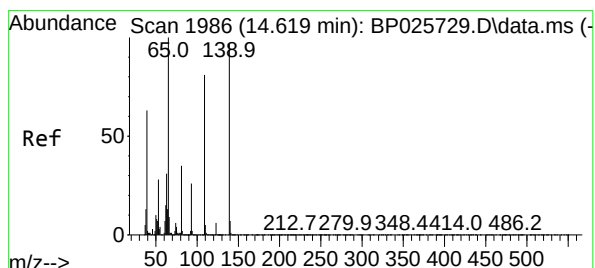
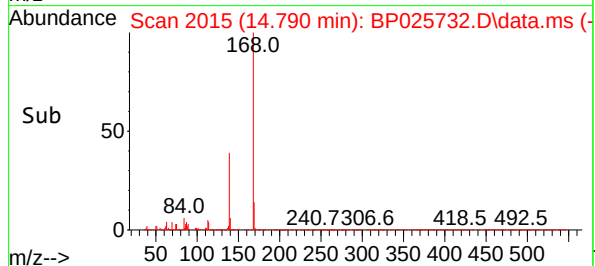
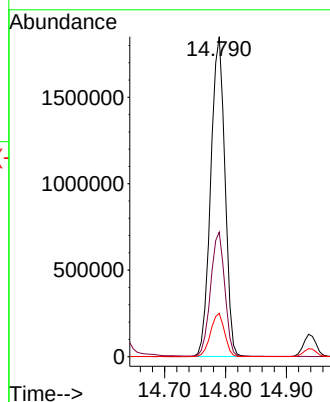
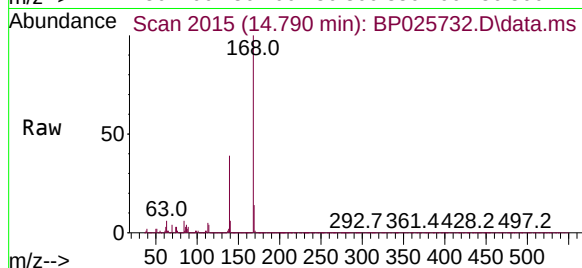
Tgt Ion:168 Resp: 2999483

Ion Ratio Lower Upper

168 100

139 39.0 31.7 47.5

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 78.823 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

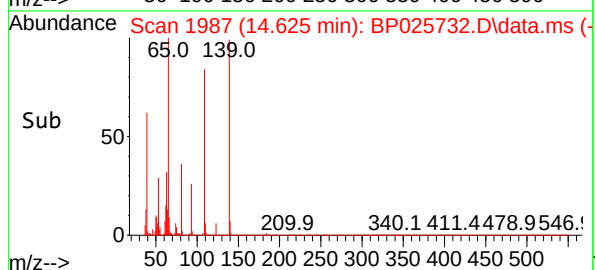
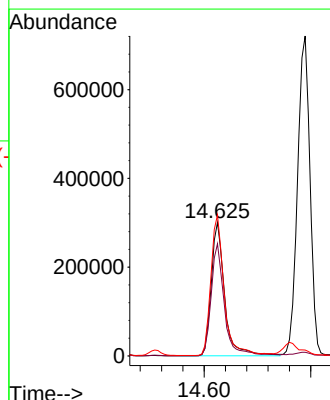
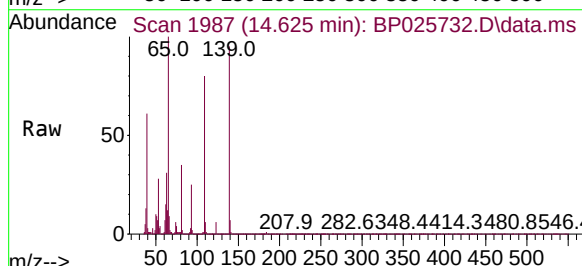
Tgt Ion:139 Resp: 527475

Ion Ratio Lower Upper

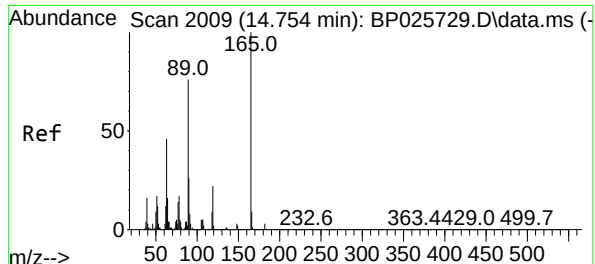
139 100

109 84.0 62.9 102.9

65 105.6 83.4 123.4



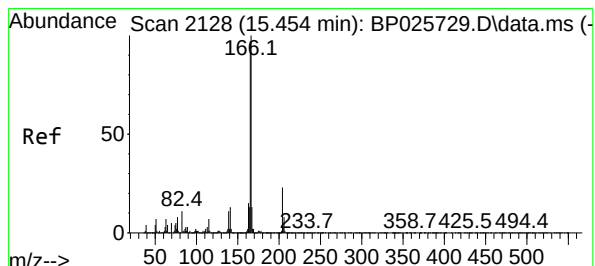
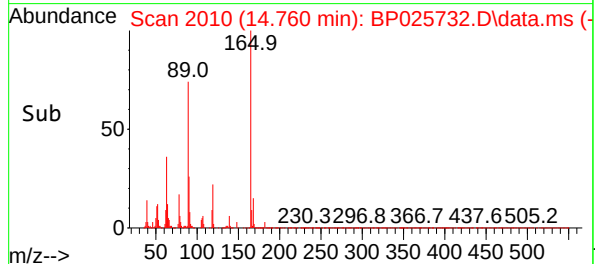
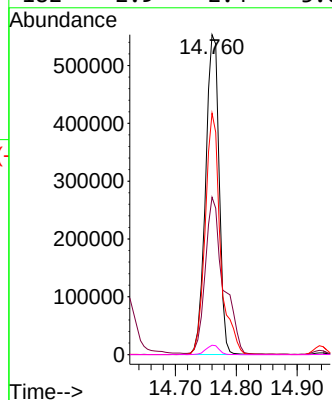
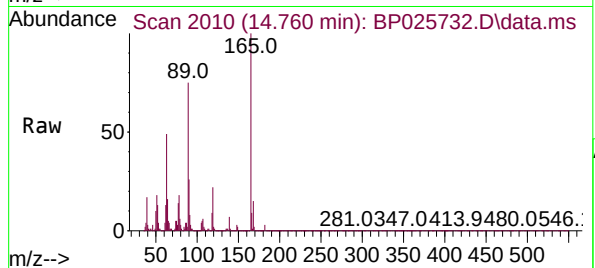




#57  
2,4-Dinitrotoluene  
Concen: 81.062 ng  
RT: 14.760 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

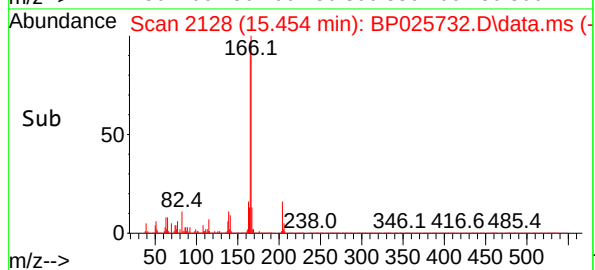
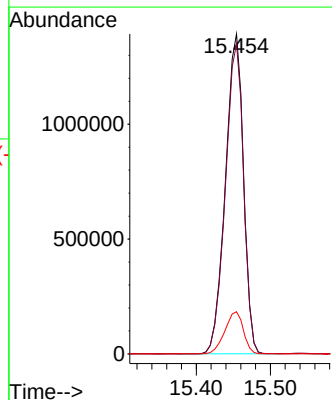
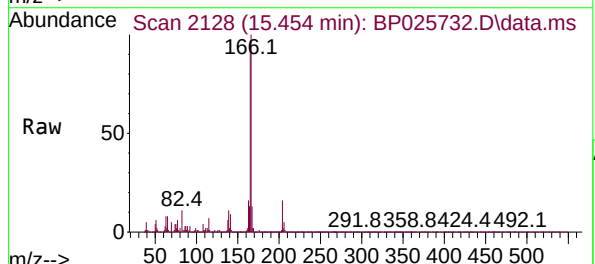
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

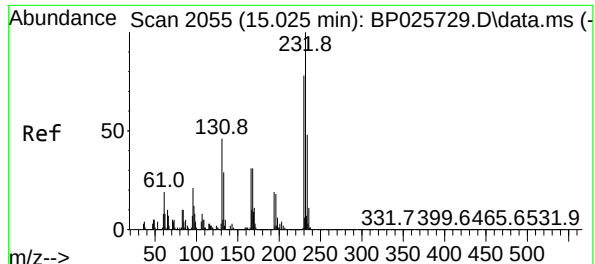
Tgt Ion:165 Resp: 853243  
Ion Ratio Lower Upper  
165 100  
63 49.2 37.7 56.5  
89 75.4 61.0 91.6  
182 2.9 2.4 3.6



#58  
Fluorene  
Concen: 72.225 ng  
RT: 15.454 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:166 Resp: 2363617  
Ion Ratio Lower Upper  
166 100  
165 97.0 77.7 116.5  
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 79.155 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 722846

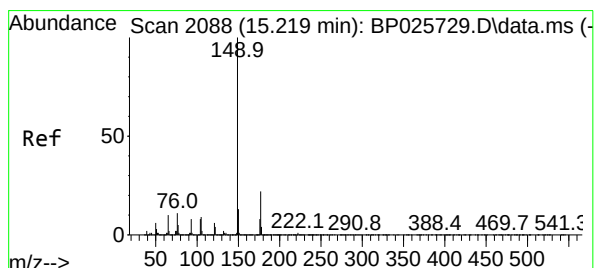
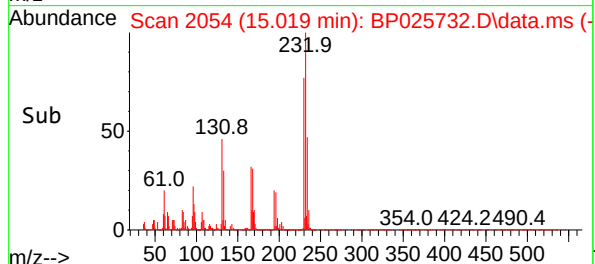
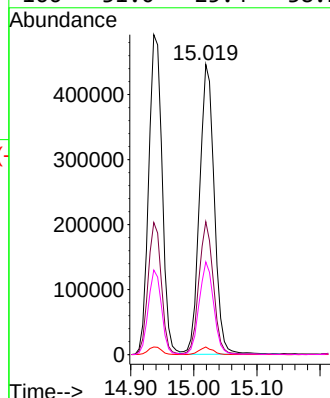
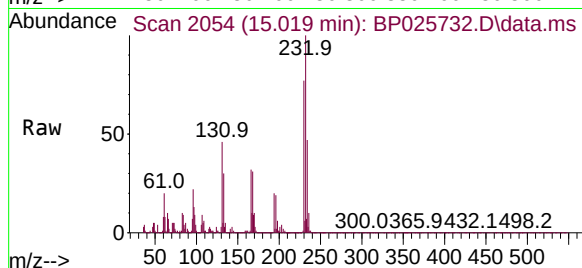
Ion Ratio Lower Upper

232 100

131 44.8 36.7 55.1

130 2.4 2.0 3.0

166 31.0 25.4 38.2



#60

Diethylphthalate

Concen: 75.646 ng

RT: 15.225 min Scan# 2089

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

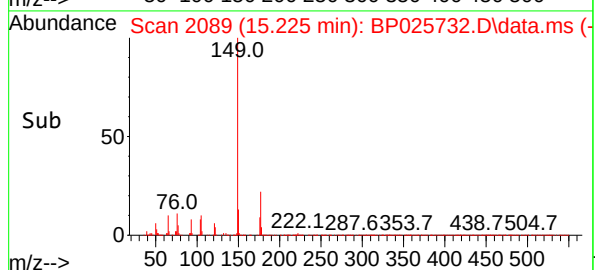
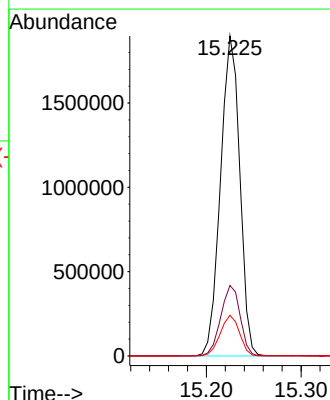
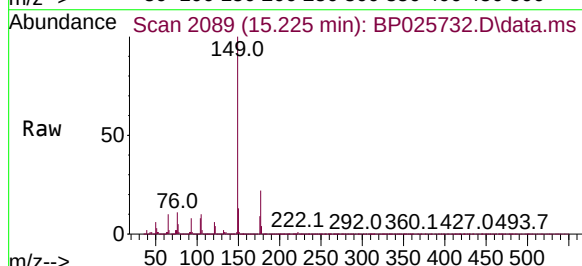
Tgt Ion:149 Resp: 2678679

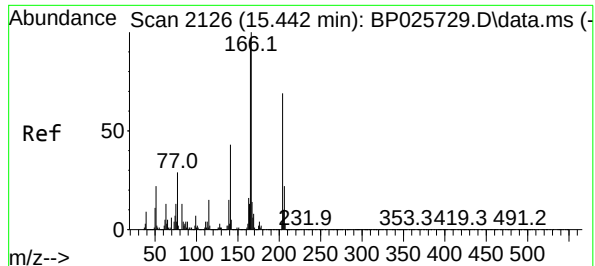
Ion Ratio Lower Upper

149 100

177 22.0 17.7 26.5

150 12.7 10.0 15.0

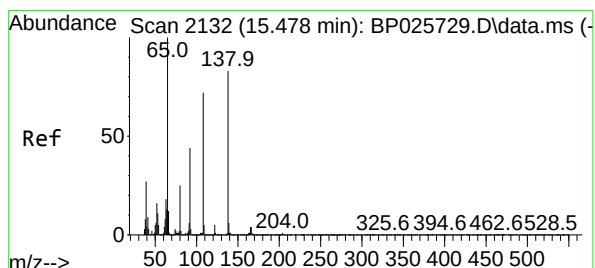
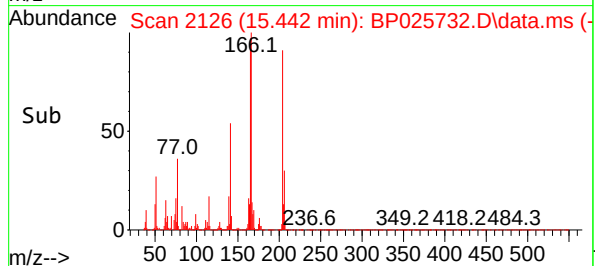
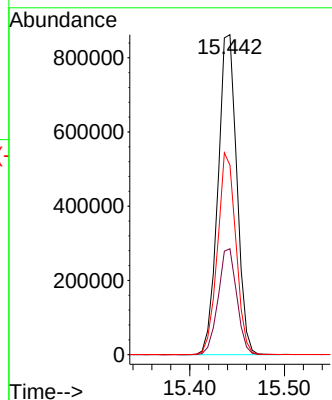
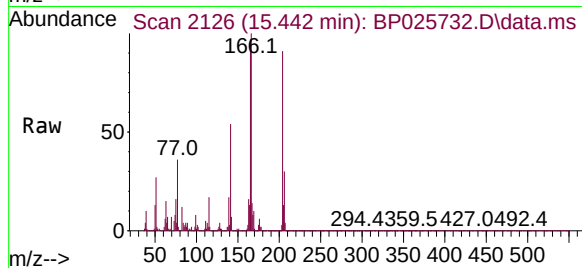




#61  
4-Chlorophenyl-phenylether  
Concen: 72.181 ng  
RT: 15.442 min Scan# 2126  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

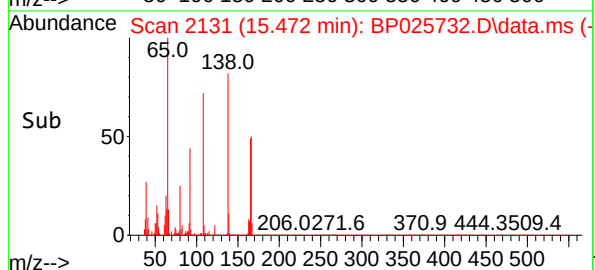
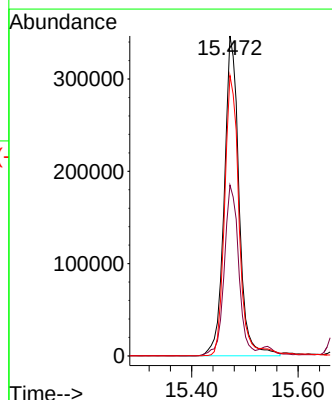
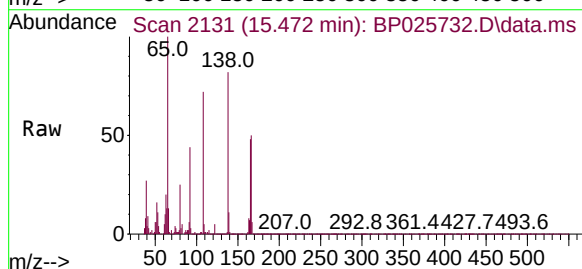
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

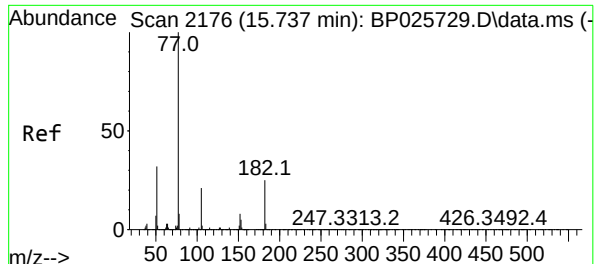
Tgt Ion:204 Resp: 1190470  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.0 39.0  
141 59.2 49.7 74.5



#62  
4-Nitroaniline  
Concen: 83.790 ng  
RT: 15.472 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:138 Resp: 667122  
Ion Ratio Lower Upper  
138 100  
92 53.4 33.3 73.3  
108 87.6 66.7 106.7

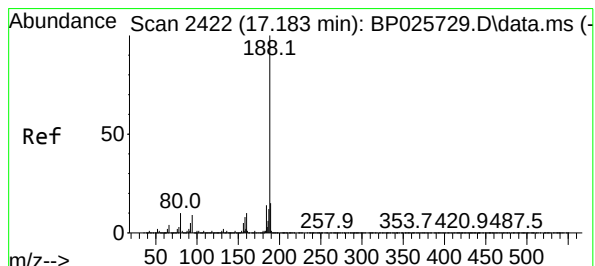
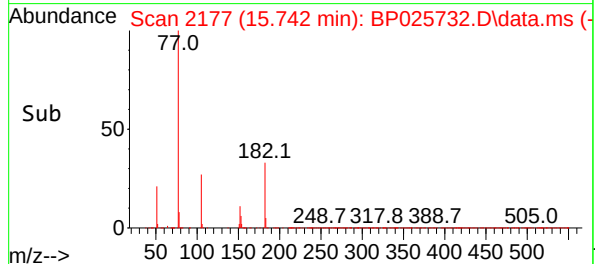
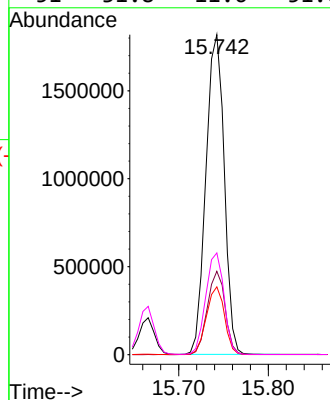
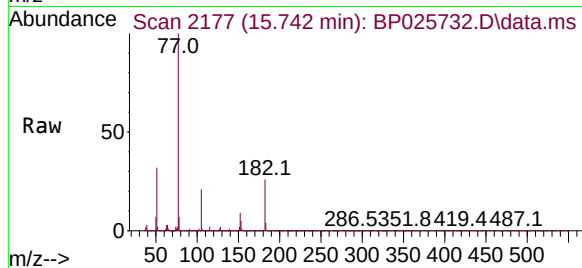




#63  
Azobenzene  
Concen: 75.299 ng  
RT: 15.742 min Scan# 2177  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

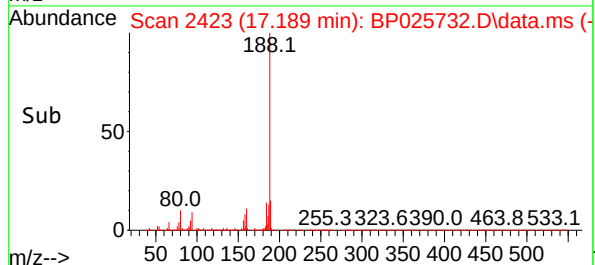
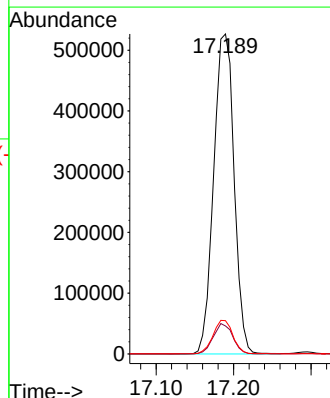
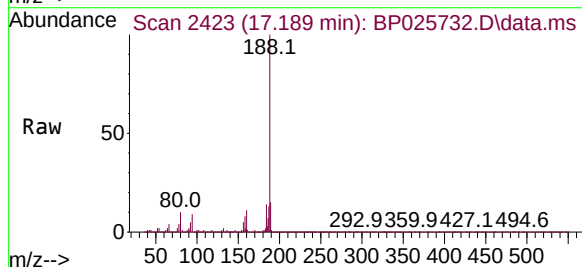
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

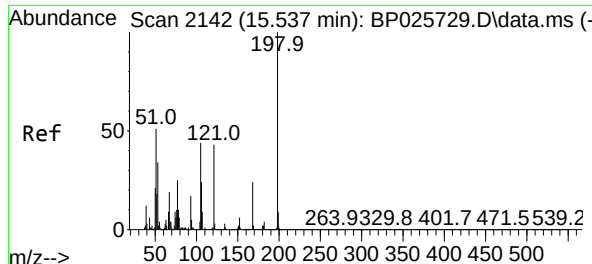
Tgt Ion: 77 Resp: 2578205  
Ion Ratio Lower Upper  
77 100  
182 26.0 5.2 45.2  
105 21.2 1.1 41.1  
51 31.8 11.6 51.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.189 min Scan# 2423  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion: 188 Resp: 963896  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.4 11.0  
80 10.4 7.7 11.5

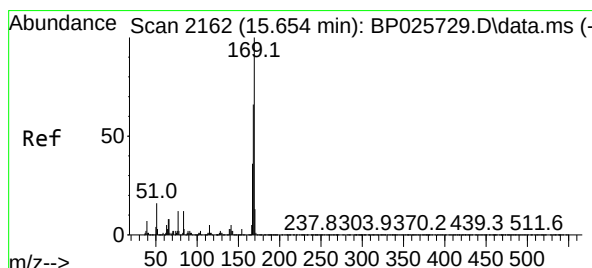
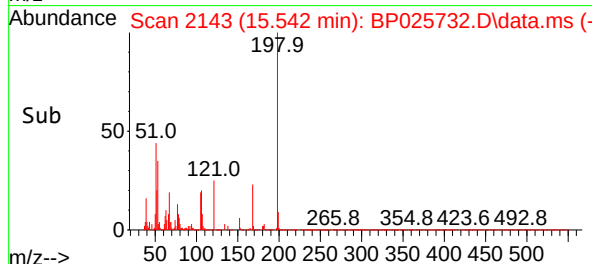
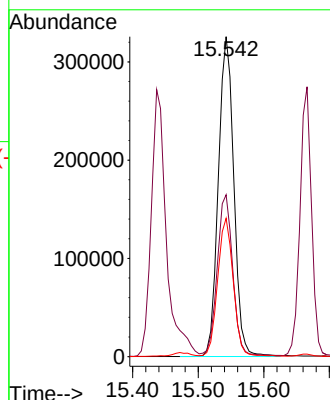
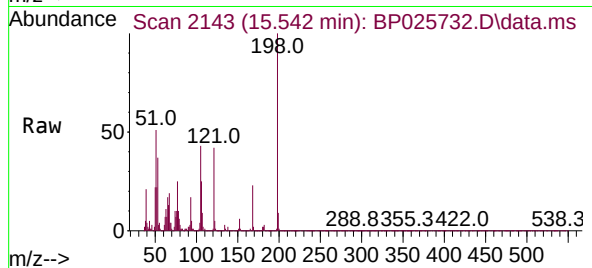




#65  
4,6-Dinitro-2-methylphenol  
Concen: 83.783 ng  
RT: 15.542 min Scan# 2142  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

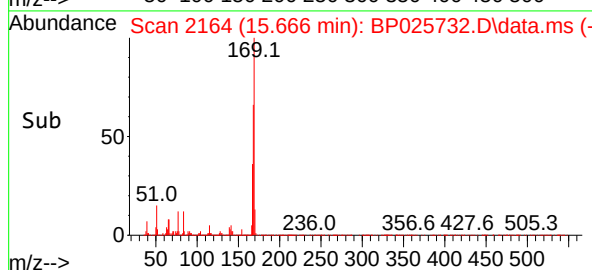
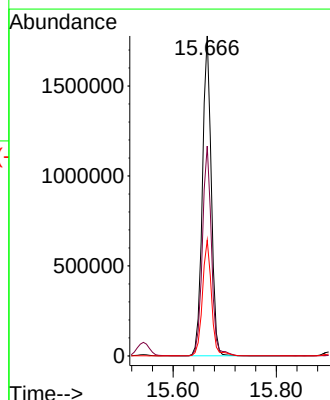
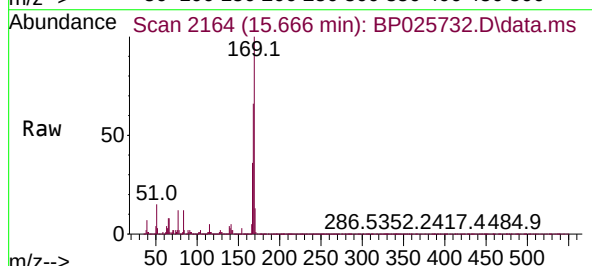
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

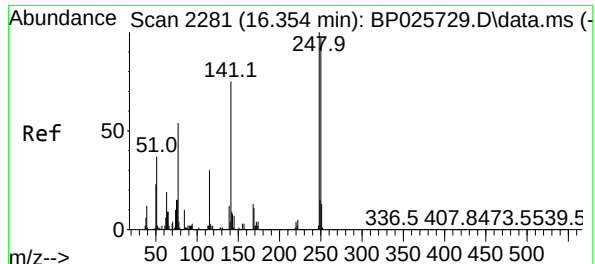
Tgt Ion:198 Resp: 537070  
Ion Ratio Lower Upper  
198 100  
51 50.6 33.4 73.4  
105 43.2 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 71.530 ng  
RT: 15.666 min Scan# 2164  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:169 Resp: 2109969  
Ion Ratio Lower Upper  
169 100  
168 65.6 52.6 78.8  
167 36.2 28.5 42.7

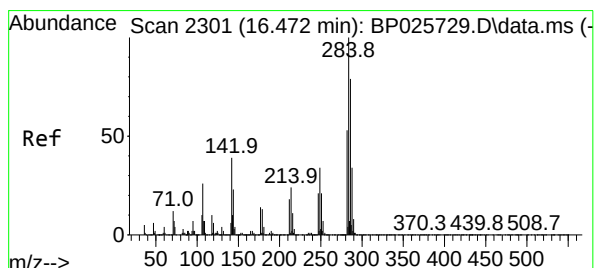
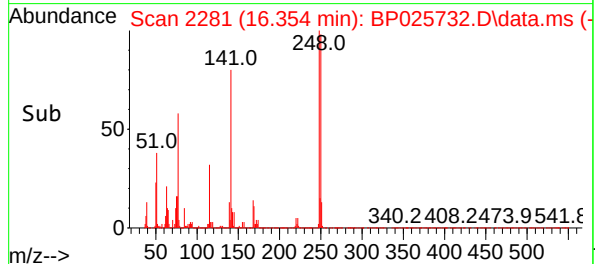
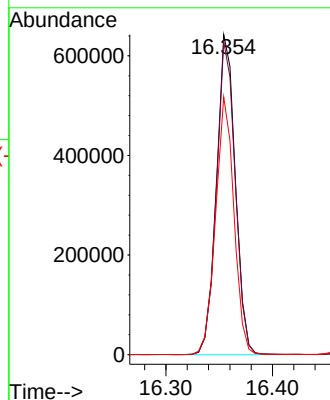
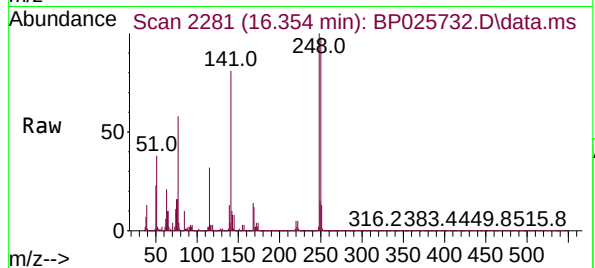




#67  
4-Bromophenyl-phenylether  
Concen: 74.816 ng  
RT: 16.354 min Scan# 2281  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

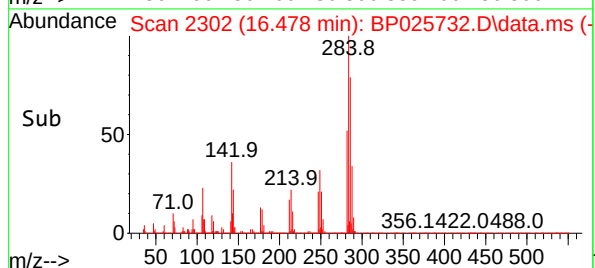
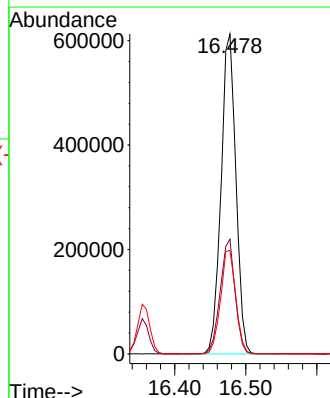
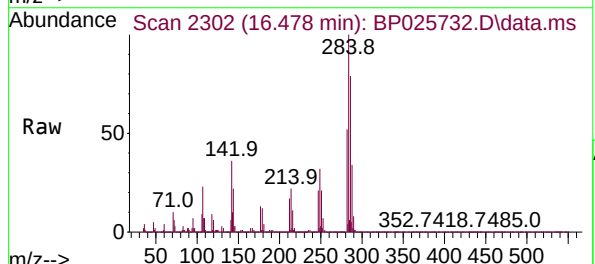
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

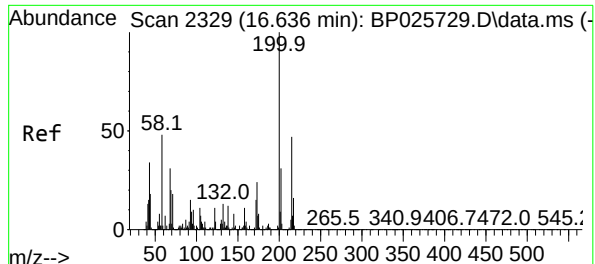
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 77.5  | 116.3 |
| 141     | 80.5  | 60.2  | 90.4  |



#68  
Hexachlorobenzene  
Concen: 75.546 ng  
RT: 16.478 min Scan# 2302  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.8  | 31.3  | 46.9  |
| 249     | 32.3  | 27.3  | 40.9  |

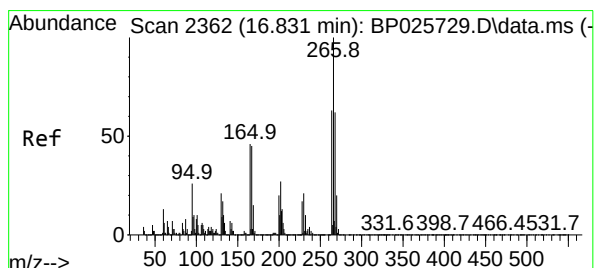
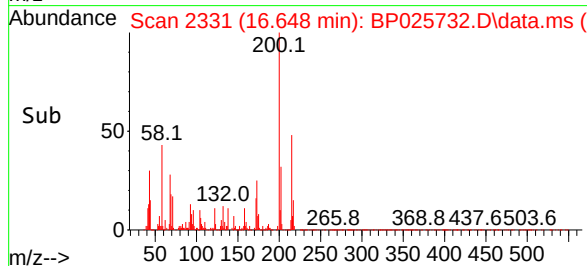
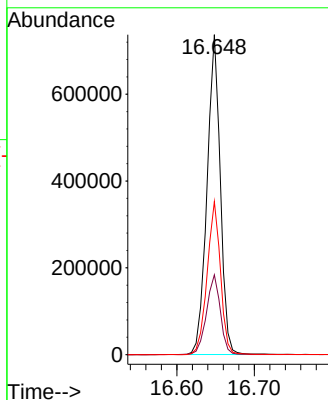
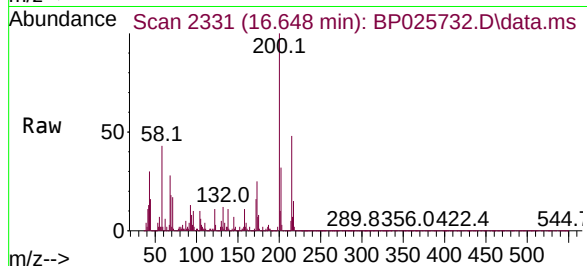




#69  
Atrazine  
Concen: 77.763 ng  
RT: 16.648 min Scan# 2331  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

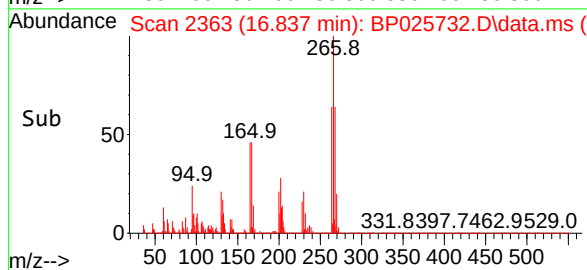
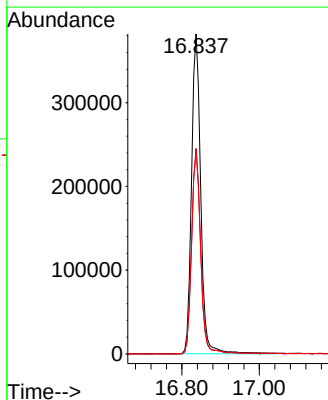
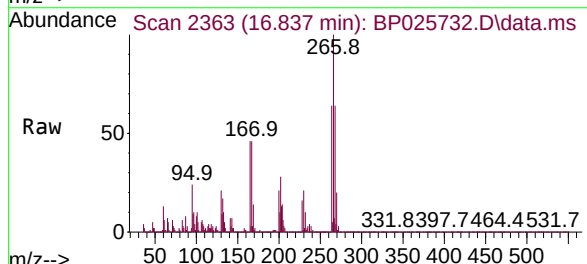
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

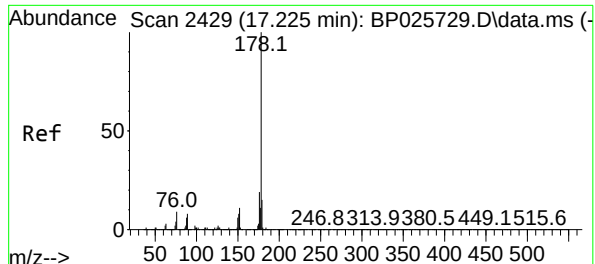
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.9  | 4.2   | 44.2  |
| 215     | 47.8  | 27.3  | 67.3  |



#70  
Pentachlorophenol  
Concen: 80.808 ng  
RT: 16.837 min Scan# 2363  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 49.8  | 74.8  |
| 264     | 63.6  | 50.2  | 75.2  |

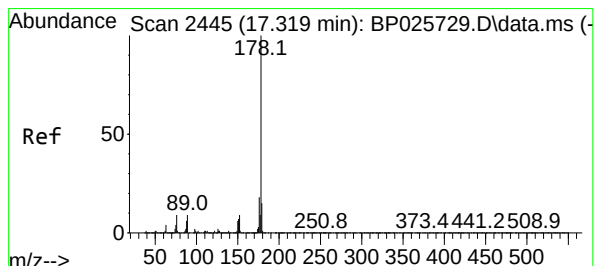
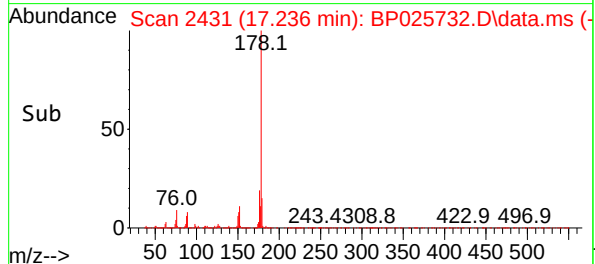
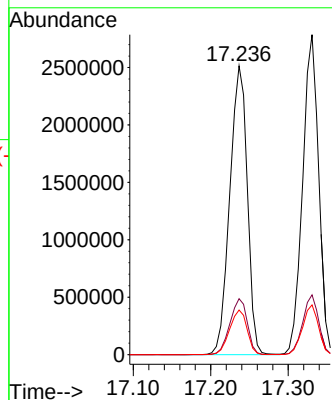
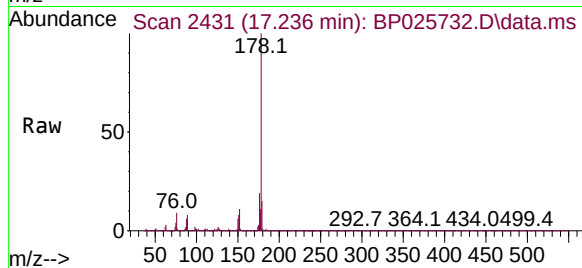




#71  
Phenanthrene  
Concen: 72.431 ng  
RT: 17.236 min Scan# 2429  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

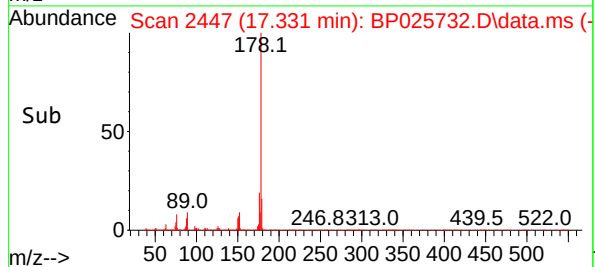
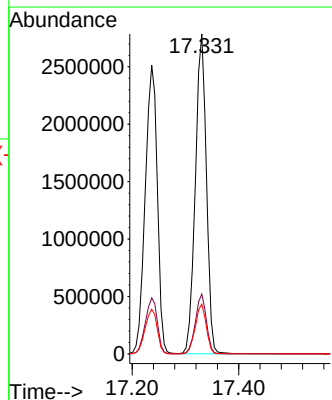
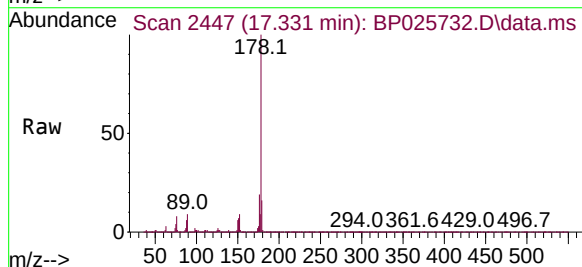
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

Tgt Ion:178 Resp: 3960390  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.5 12.2 18.4

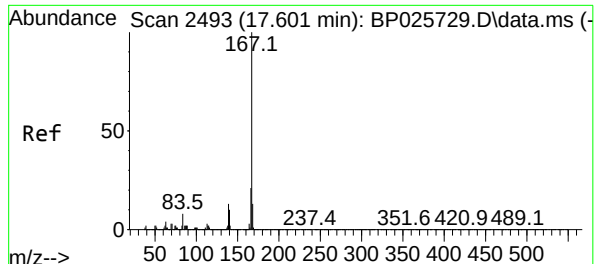


#72  
Anthracene  
Concen: 72.588 ng  
RT: 17.331 min Scan# 2447  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:178 Resp: 4027019  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.8 22.2  
179 15.5 12.2 18.4



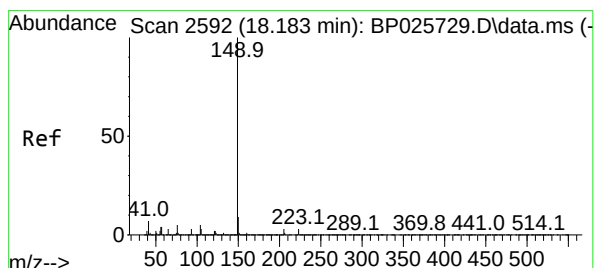
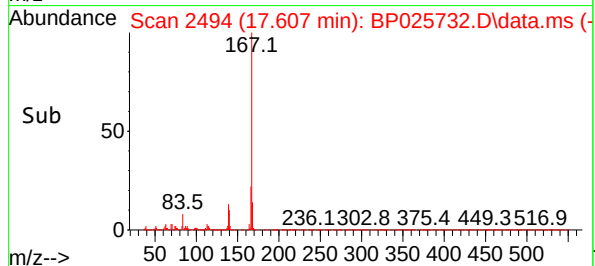
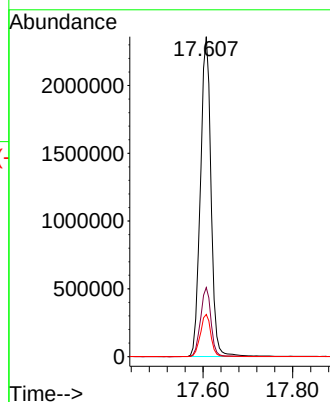
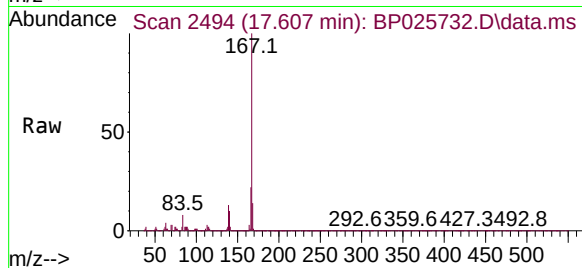




#73  
Carbazole  
Concen: 74.694 ng  
RT: 17.607 min Scan# 2493  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

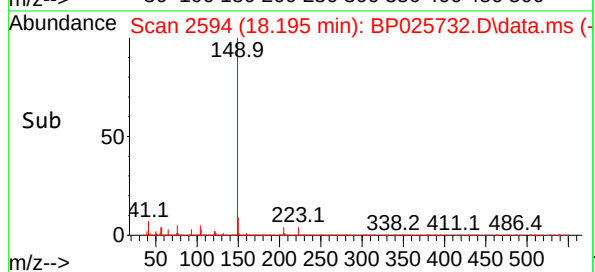
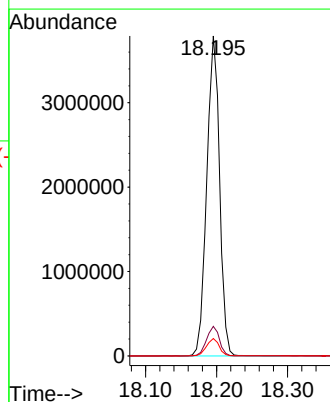
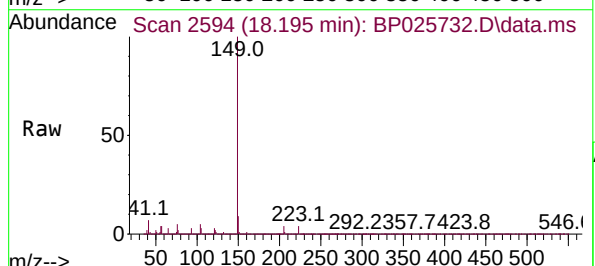
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

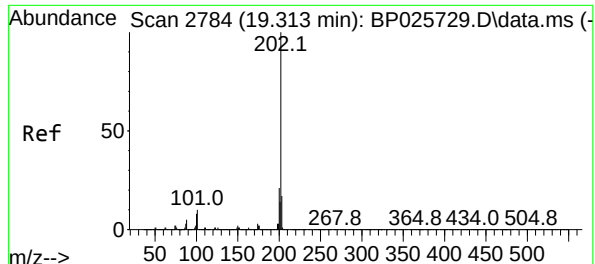
Tgt Ion:167 Resp: 3852545  
Ion Ratio Lower Upper  
167 100  
166 21.6 17.0 25.4  
139 13.2 10.6 16.0



#74  
Di-n-butylphthalate  
Concen: 74.340 ng  
RT: 18.195 min Scan# 2594  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 4705330  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.4 11.0  
104 5.4 4.3 6.5

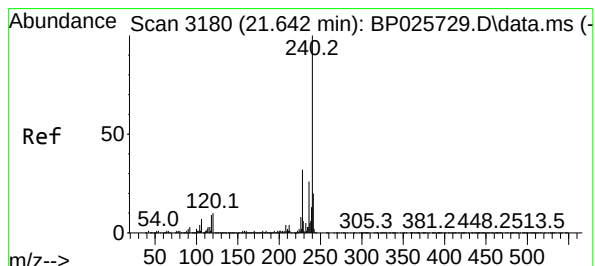
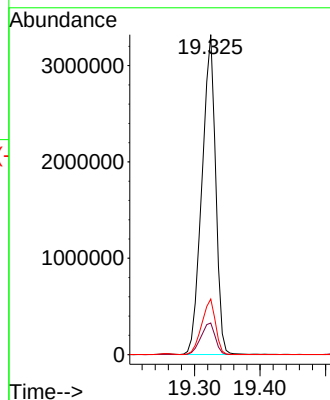
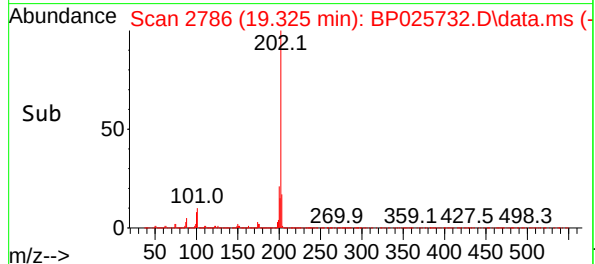
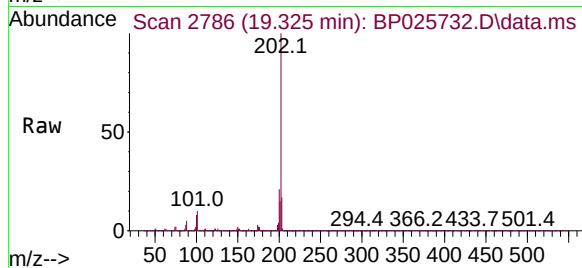




#75  
Fluoranthene  
Concen: 72.998 ng  
RT: 19.325 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

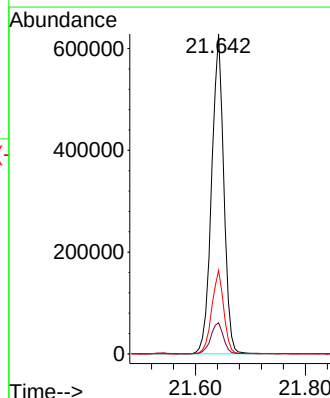
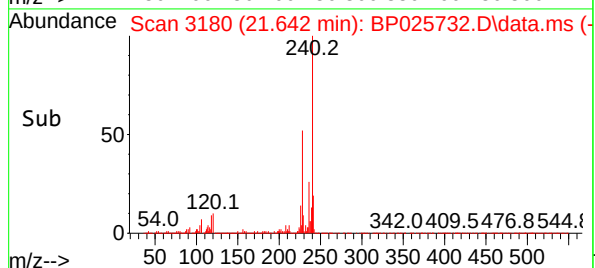
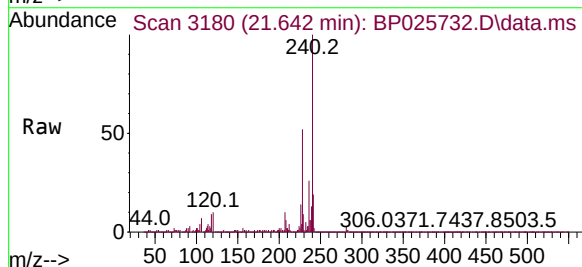
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

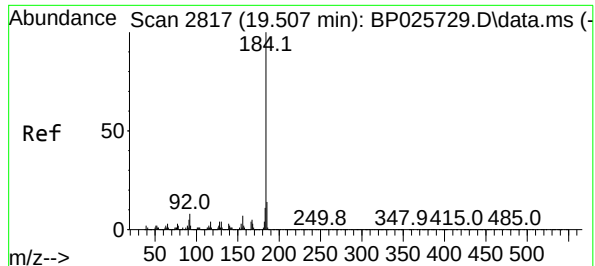
Tgt Ion:202 Resp: 4786922  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 30.4  
203 17.4 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.642 min Scan# 3180  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:240 Resp: 964091  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.0 12.0  
236 26.1 20.7 31.1

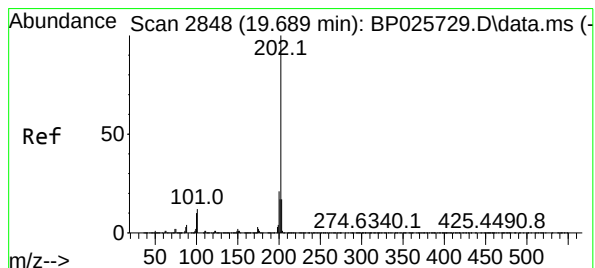
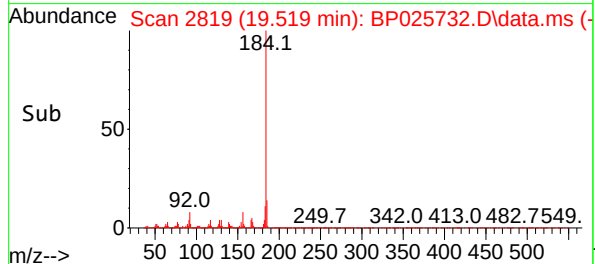
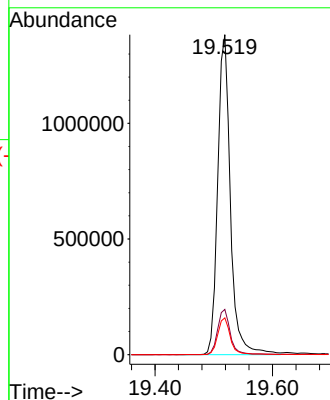
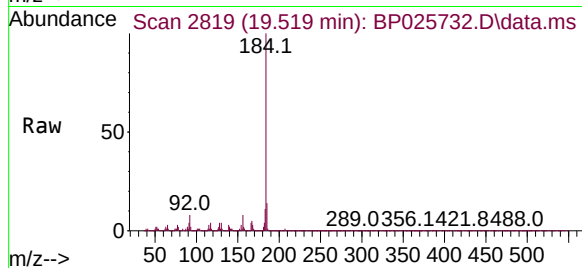




#77  
Benzidine  
Concen: 74.384 ng  
RT: 19.519 min Scan# 2819  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

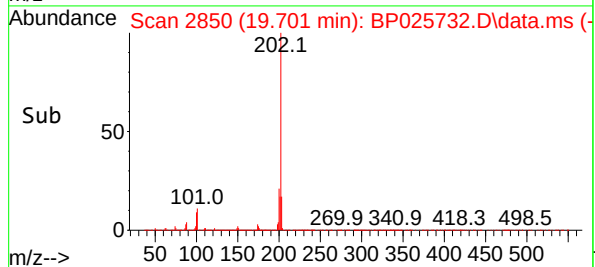
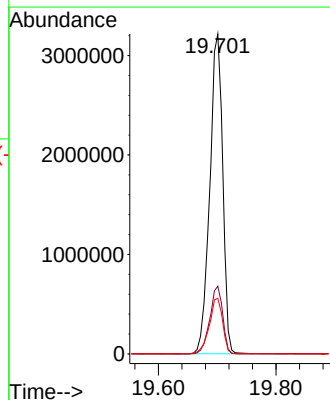
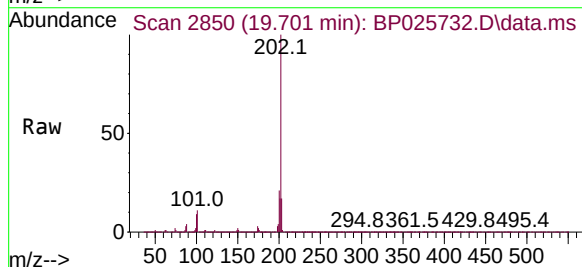
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

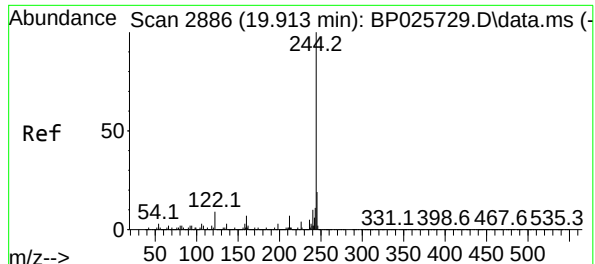
Tgt Ion:184 Resp: 2065703  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.5 17.3  
183 11.5 9.2 13.8



#78  
Pyrene  
Concen: 76.353 ng  
RT: 19.701 min Scan# 2850  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:202 Resp: 4911699  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.6  
203 17.4 13.9 20.9

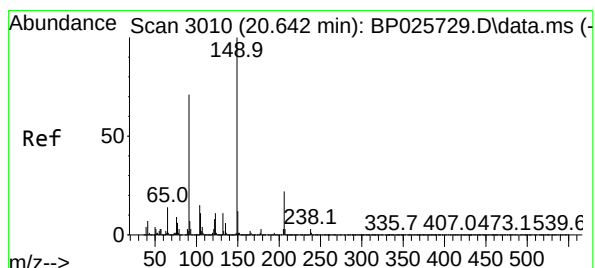
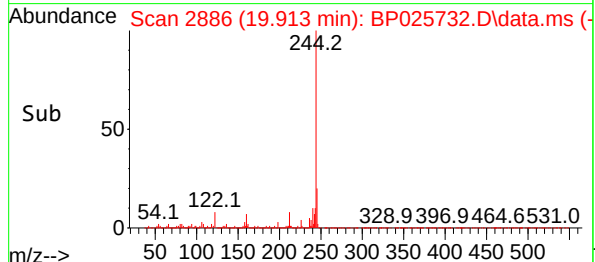
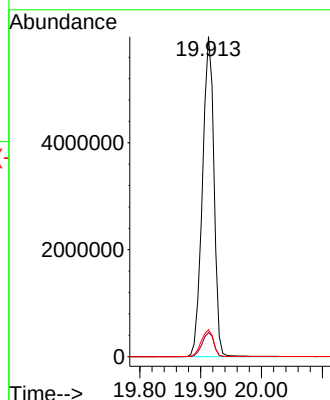
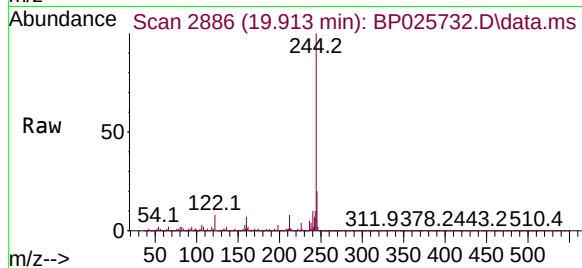




#79  
Terphenyl-d14  
Concen: 146.328 ng  
RT: 19.913 min Scan# 2886  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

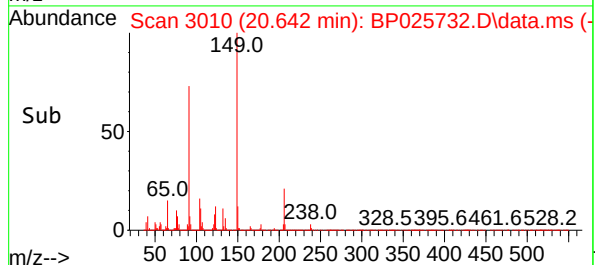
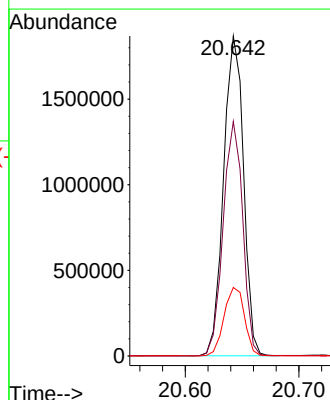
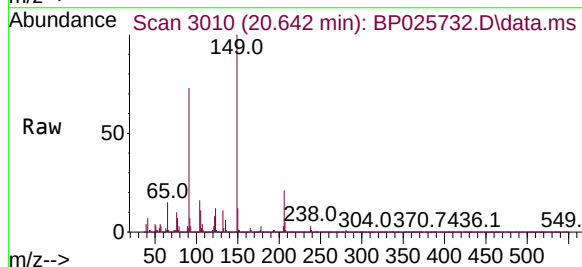
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

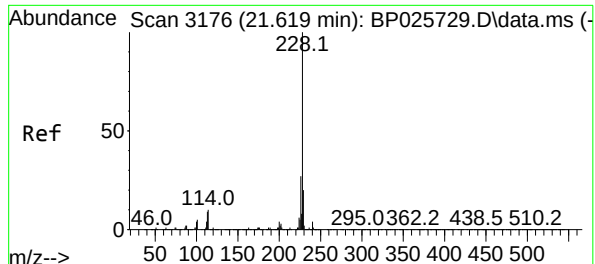
Tgt Ion:244 Resp: 7841805  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.9 8.9  
122 8.4 7.1 10.7



#80  
Butylbenzylphthalate  
Concen: 80.443 ng  
RT: 20.642 min Scan# 3010  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 2268963  
Ion Ratio Lower Upper  
149 100  
91 73.3 56.6 85.0  
206 21.4 17.4 26.0

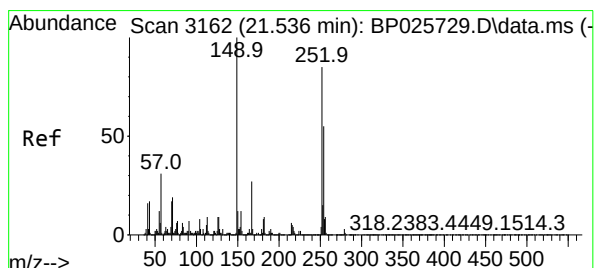
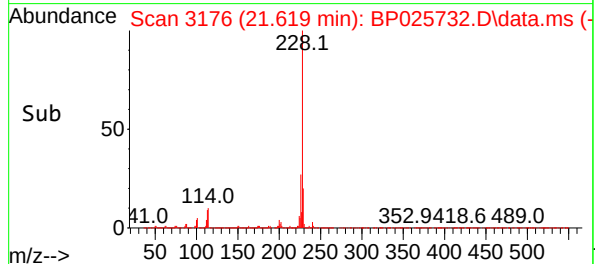
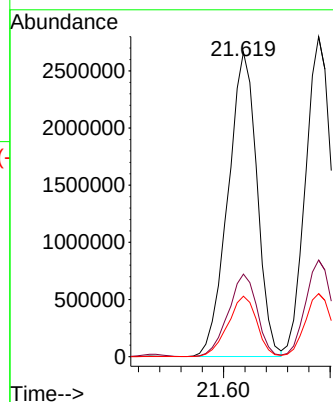
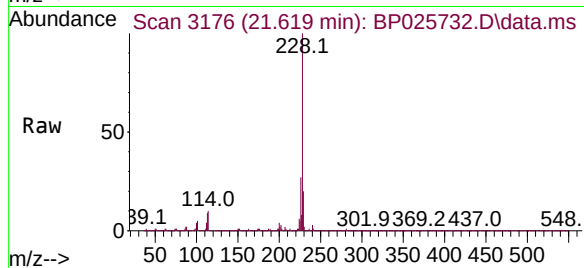




#81  
Benzo(a)anthracene  
Concen: 76.229 ng  
RT: 21.619 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

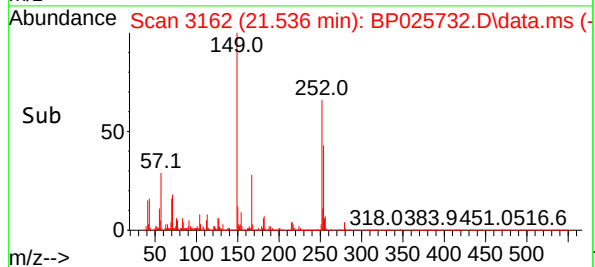
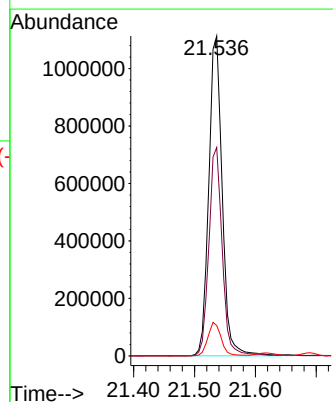
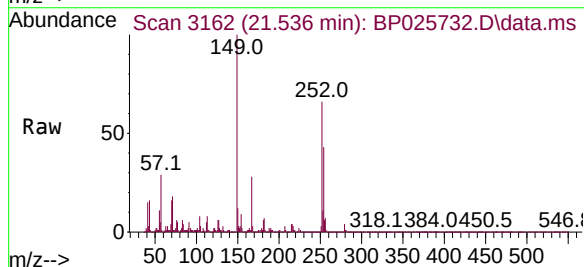
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

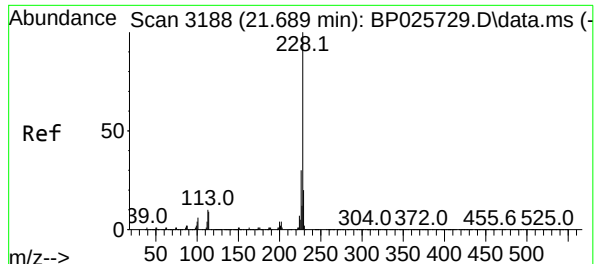
Tgt Ion:228 Resp: 5031313  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.6 32.4  
229 19.9 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 74.725 ng  
RT: 21.536 min Scan# 3162  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 1705366  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.4 77.0  
126 9.5 8.3 12.5

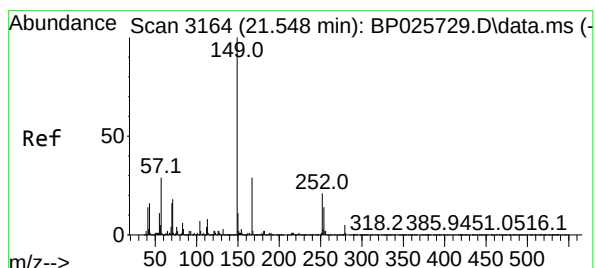
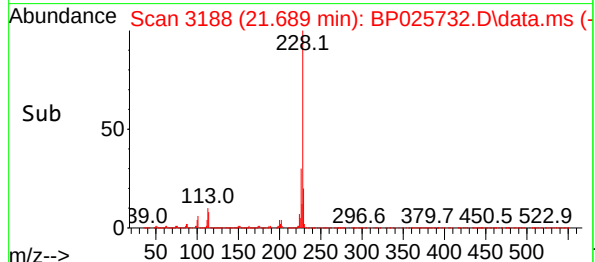
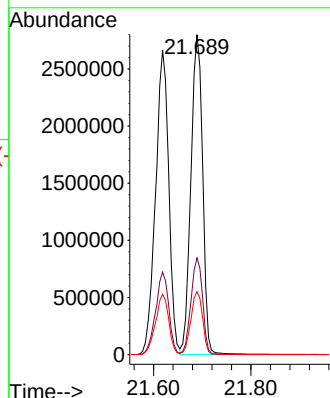
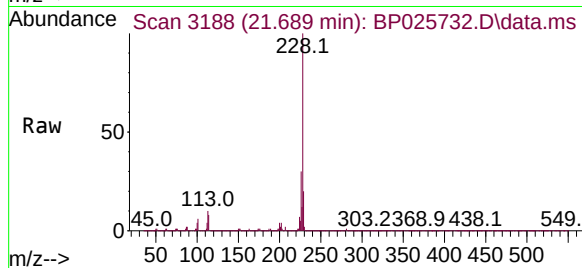




#83  
Chrysene  
Concen: 74.190 ng  
RT: 21.689 min Scan# 3188  
Delta R.T. 0.000 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

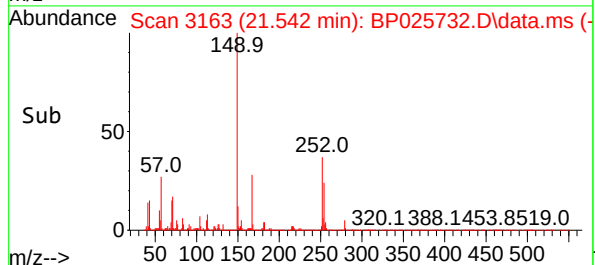
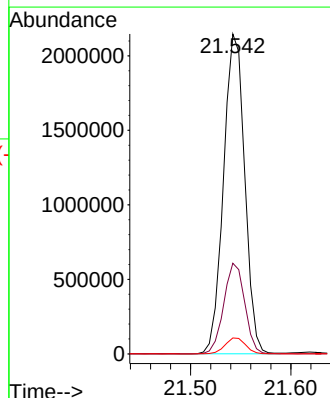
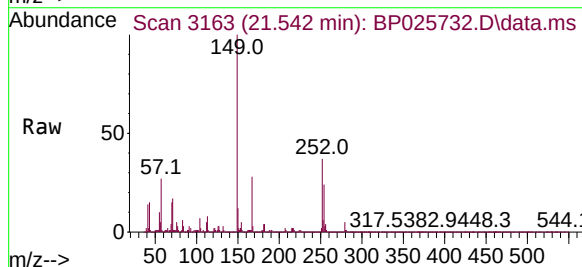
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

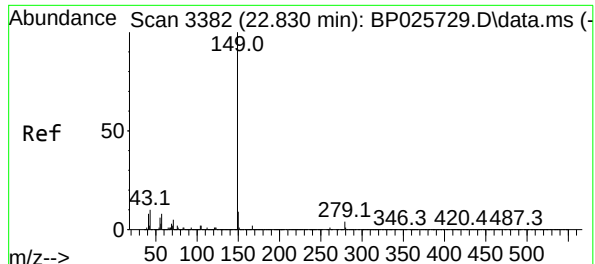
Tgt Ion:228 Resp: 4667905  
Ion Ratio Lower Upper  
228 100  
226 30.2 23.8 35.6  
229 19.7 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 76.431 ng  
RT: 21.542 min Scan# 3163  
Delta R.T. -0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 3154011  
Ion Ratio Lower Upper  
149 100  
167 28.3 22.9 34.3  
279 5.0 3.8 5.8

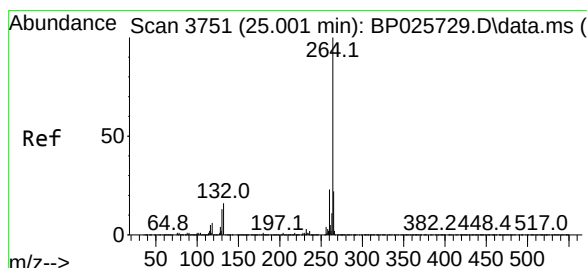
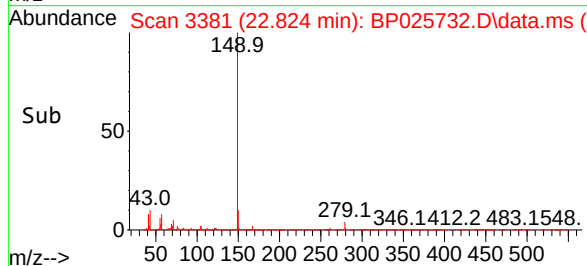
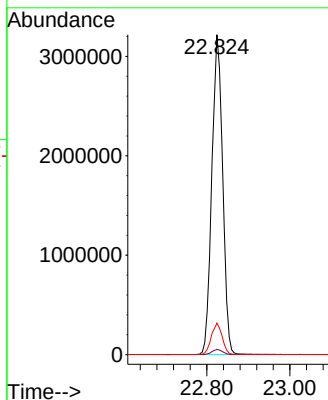
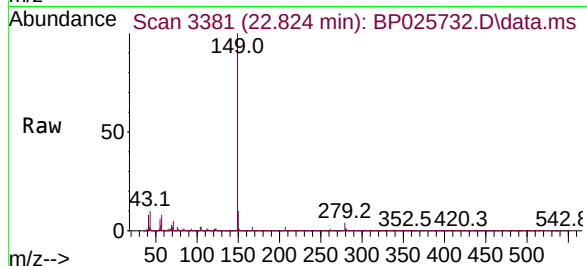




#85  
Di-n-octyl phthalate  
Concen: 79.012 ng  
RT: 22.824 min Scan# 3382  
Delta R.T. -0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

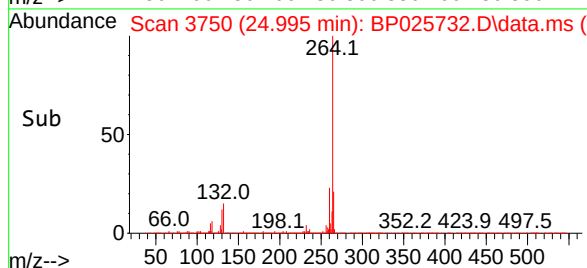
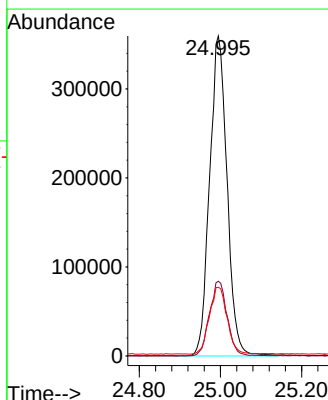
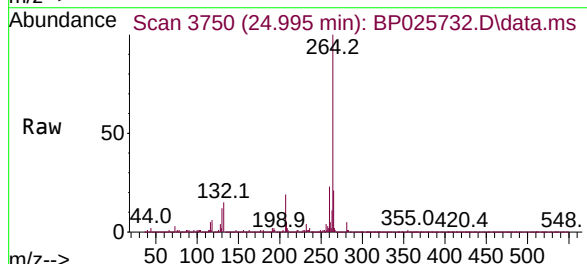
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

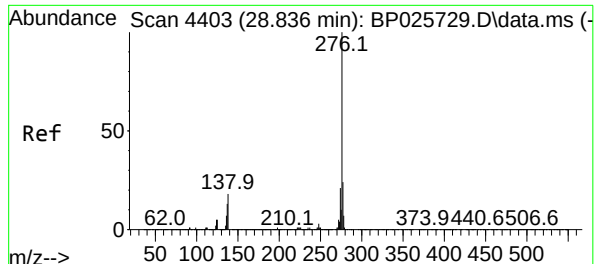
Tgt Ion:149 Resp: 5799888  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.8 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.995 min Scan# 3750  
Delta R.T. -0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:264 Resp: 1072676  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.3 27.5  
265 21.4 17.3 25.9

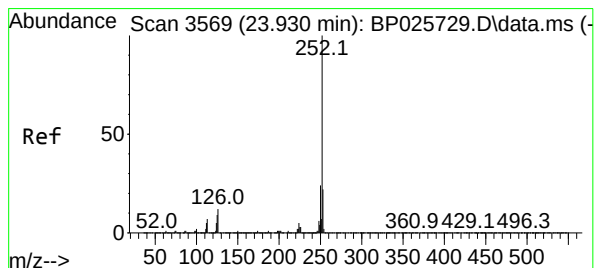
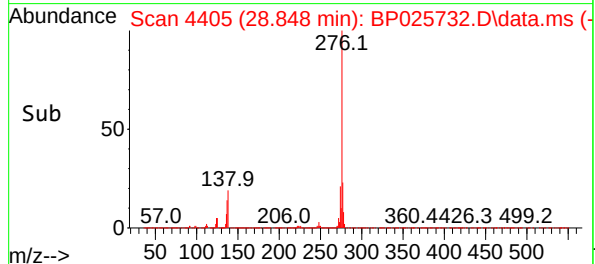
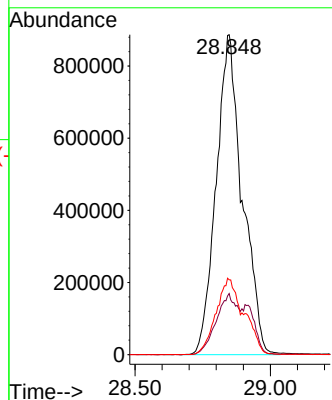
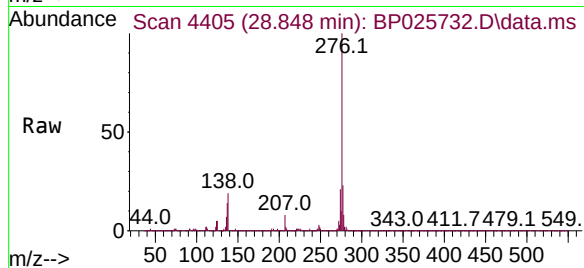




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 76.261 ng  
RT: 28.848 min Scan# 4403  
Delta R.T. 0.012 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

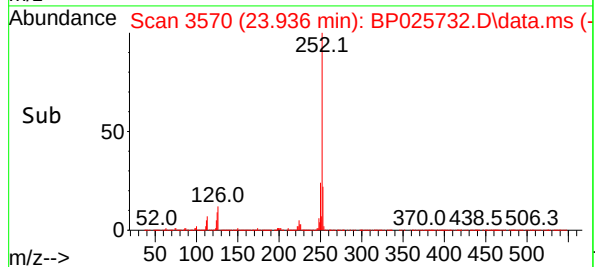
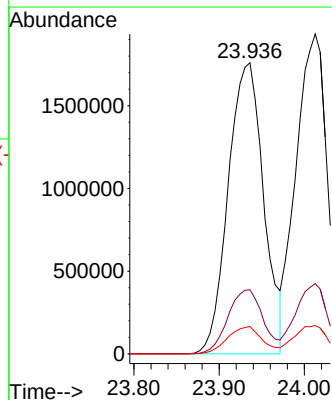
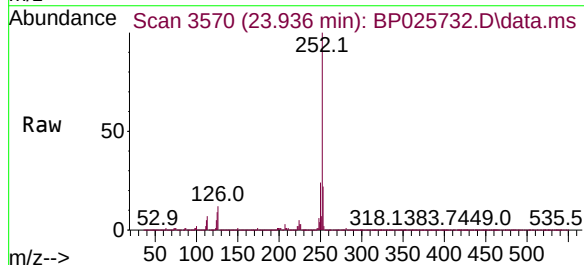
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC080

Tgt Ion:276 Resp: 5948880  
Ion Ratio Lower Upper  
276 100  
138 15.6 13.4 20.2  
277 25.4 9.1 13.7#

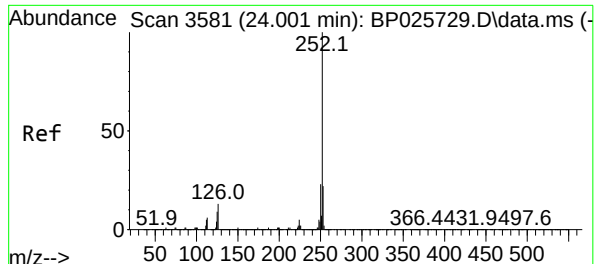


#88  
Benzo(b)fluoranthene  
Concen: 77.570 ng  
RT: 23.936 min Scan# 3570  
Delta R.T. 0.006 min  
Lab File: BP025732.D  
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 5088293  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 9.5 7.3 10.9







#89

Benzo(k)fluoranthene

Concen: 73.783 ng

RT: 24.013 min Scan# 3581

Delta R.T. 0.012 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

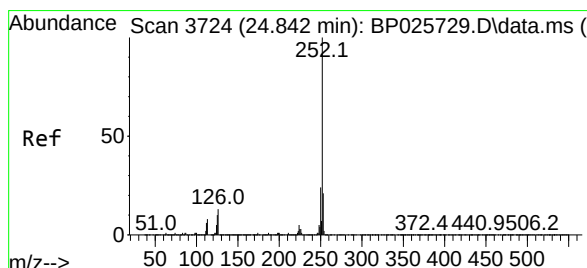
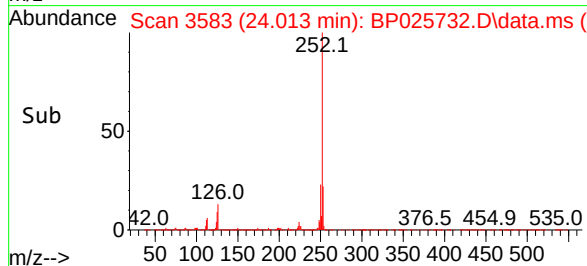
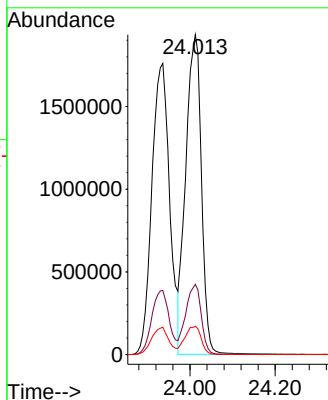
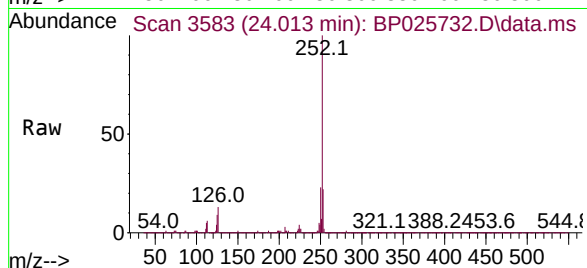
Tgt Ion:252 Resp: 4938760

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.9 7.5 11.3



#90

Benzo(a)pyrene

Concen: 76.231 ng

RT: 24.842 min Scan# 3724

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

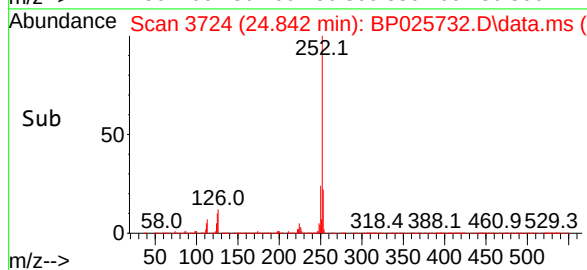
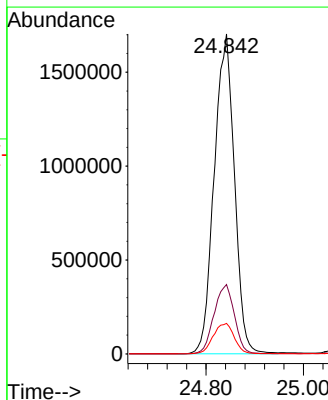
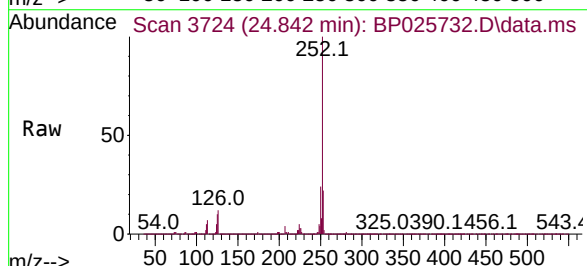
Tgt Ion:252 Resp: 4896947

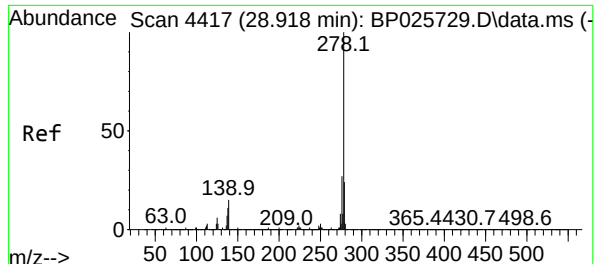
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.5 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 76.817 ng

RT: 28.918 min Scan# 4417

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA\_P

ClientSampleId :

SSTDICC080

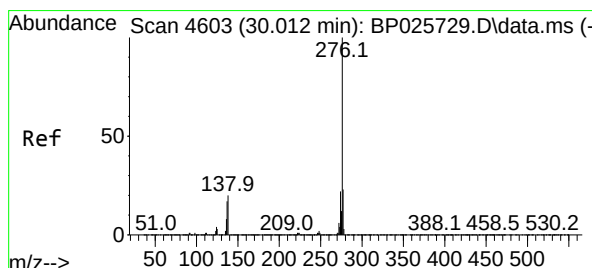
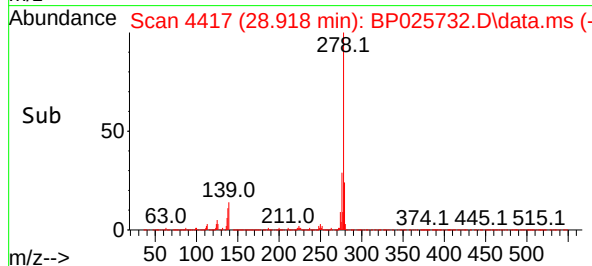
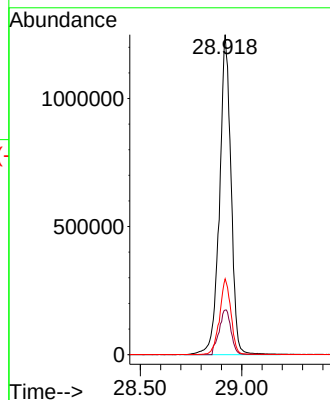
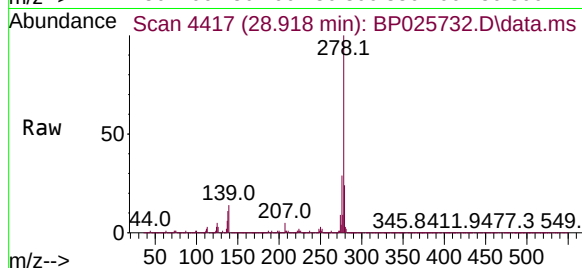
Tgt Ion:278 Resp: 4903653

Ion Ratio Lower Upper

278 100

139 13.9 12.1 18.1

279 23.7 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 76.886 ng

RT: 30.036 min Scan# 4607

Delta R.T. 0.024 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

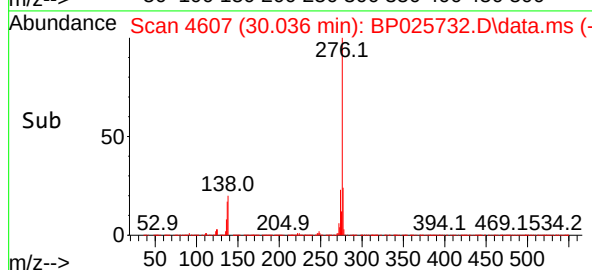
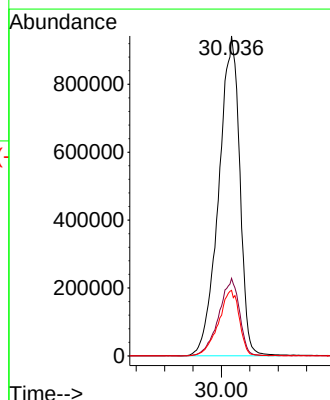
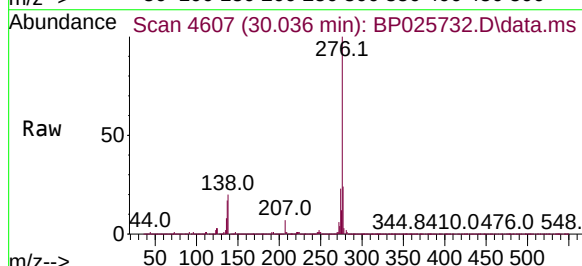
Tgt Ion:276 Resp: 4826771

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 20.5 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025733.D  
 Acq On : 11 Sep 2025 15:20  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.719  | 152  | 132227   | 20.000  | ng    | -0.04    |
| 21) Naphthalene-d8            | 10.507 | 136  | 558379   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.372 | 164  | 384529   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.178 | 188  | 764105   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 796095   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.995 | 264  | 864239   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.343  | 112  | 847611   | 103.433 | ng    | -0.04    |
| 7) Phenol-d6                  | 6.913  | 99   | 1140979  | 104.750 | ng    | -0.04    |
| 23) Nitrobenzene-d5           | 8.878  | 82   | 1303272  | 102.956 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 480931   | 100.273 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.984 | 172  | 2843494  | 98.461  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.907 | 244  | 4423580  | 99.962  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.290  | 88   | 169936   | 49.409  | ng    | 99       |
| 3) Pyridine                   | 3.684  | 79   | 483875   | 51.092  | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.590  | 42   | 224792   | 50.302  | ng    | 100      |
| 6) Aniline                    | 7.060  | 93   | 784152   | 52.443  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.296  | 128  | 466182   | 51.856  | ng    | 100      |
| 9) Benzaldehyde               | 6.878  | 77   | 398852m  | 61.160  | ng    |          |
| 10) Phenol                    | 6.937  | 94   | 601415   | 52.364  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.155  | 93   | 475247   | 51.503  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.613  | 146  | 511619   | 50.003  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.760  | 146  | 525685   | 50.438  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.072  | 146  | 509835   | 50.354  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.960  | 79   | 466422   | 51.821  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.249  | 45   | 757264   | 50.182  | ng    | 99       |
| 17) 2-Methylphenol            | 8.172  | 107  | 406974   | 52.557  | ng    | 99       |
| 18) Hexachloroethane          | 8.796  | 117  | 201387   | 50.587  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.525  | 70   | 406549   | 54.152  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.502  | 107  | 559714   | 51.612  | ng    | 99       |
| 22) Acetophenone              | 8.543  | 105  | 767098   | 51.407  | ng    | # 98     |
| 24) Nitrobenzene              | 8.919  | 77   | 583136   | 51.351  | ng    | 98       |
| 25) Isophorone                | 9.443  | 82   | 1138308  | 51.161  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.625  | 139  | 269275   | 53.408  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.690  | 122  | 456881   | 51.654  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.919  | 93   | 661544   | 51.437  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.160 | 162  | 470034   | 53.298  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.366 | 180  | 498270   | 50.132  | ng    | 99       |
| 31) Naphthalene               | 10.560 | 128  | 1513087  | 50.255  | ng    | 100      |
| 32) Benzoic acid              | 9.866  | 122  | 353386   | 53.738  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.672 | 127  | 666499   | 53.111  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.837 | 225  | 316676   | 49.495  | ng    | 99       |
| 35) Caprolactam               | 11.466 | 113  | 172043   | 50.713  | ng    | 99       |
| 36) 4-Chloro-3-methylphenol   | 11.801 | 107  | 549567   | 52.269  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.172 | 142  | 974364   | 50.386  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.390 | 142  | 1019849  | 49.456  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.543 | 216  | 583660   | 50.090  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.525 | 237  | 337711   | 53.214  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.790 | 196  | 393647   | 51.389  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025733.D  
 Acq On : 11 Sep 2025 15:20  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDICC050

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:16:10 2025  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 12.866 | 196  | 441307   | 51.765 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.190 | 154  | 1408553  | 49.905 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.237 | 162  | 1118909  | 50.347 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.448 | 65   | 383740   | 51.799 | ng    | 94       |
| 49) Acenaphthylene             | 14.095 | 152  | 1830164  | 49.702 | ng    | 100      |
| 50) Dimethylphthalate          | 13.831 | 163  | 1435428  | 48.895 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.948 | 165  | 316613   | 50.904 | ng    | 98       |
| 52) Acenaphthene               | 14.442 | 154  | 1042525  | 49.094 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.284 | 138  | 343785   | 52.561 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.507 | 184  | 193294   | 49.740 | ng    | 96       |
| 55) Dibenzofuran               | 14.784 | 168  | 1697428  | 49.045 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.613 | 139  | 261984   | 48.388 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.748 | 165  | 465265   | 52.562 | ng    | 95       |
| 58) Fluorene                   | 15.436 | 166  | 1331644  | 48.387 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.013 | 232  | 388785   | 50.625 | ng    | 100      |
| 60) Diethylphthalate           | 15.219 | 149  | 1459705  | 49.018 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.436 | 204  | 676706   | 48.790 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.472 | 138  | 358915   | 53.605 | ng    | 99       |
| 63) Azobenzene                 | 15.731 | 77   | 1452024  | 50.428 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.531 | 198  | 272418   | 53.609 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.654 | 169  | 1199673  | 51.304 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.354 | 248  | 431960   | 51.458 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.472 | 284  | 474297   | 50.667 | ng    | 96       |
| 69) Atrazine                   | 16.636 | 200  | 458144   | 51.256 | ng    | 97       |
| 70) Pentachlorophenol          | 16.825 | 266  | 318100   | 51.487 | ng    | 98       |
| 71) Phenanthrene               | 17.219 | 178  | 2161060  | 49.858 | ng    | 100      |
| 72) Anthracene                 | 17.325 | 178  | 2260277  | 51.395 | ng    | 100      |
| 73) Carbazole                  | 17.595 | 167  | 2110925  | 51.629 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.189 | 149  | 2558689  | 50.995 | ng    | 100      |
| 75) Fluoranthene               | 19.313 | 202  | 2580366  | 49.638 | ng    | 100      |
| 77) Benzidine                  | 19.513 | 184  | 1255790  | 54.762 | ng    | 100      |
| 78) Pyrene                     | 19.695 | 202  | 2660397  | 50.083 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.636 | 149  | 1209410  | 51.926 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.613 | 228  | 2742275  | 50.315 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.536 | 252  | 971634   | 51.559 | ng    | 99       |
| 83) Chrysene                   | 21.683 | 228  | 2620241  | 50.434 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.542 | 149  | 1714419  | 50.312 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.824 | 149  | 3047268  | 50.273 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.836 | 276  | 3254187  | 51.778 | ng    | # 85     |
| 88) Benzo(b)fluoranthene       | 23.942 | 252  | 2704281  | 51.169 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.007 | 252  | 2718438  | 50.407 | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.848 | 252  | 2637187  | 50.954 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.900 | 278  | 2677885  | 52.067 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.024 | 276  | 2614577  | 51.692 | ng    | 98       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025733.D  
 Acq On : 11 Sep 2025 15:20  
 Operator : CG/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

## Instrument :

BNA\_P

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025

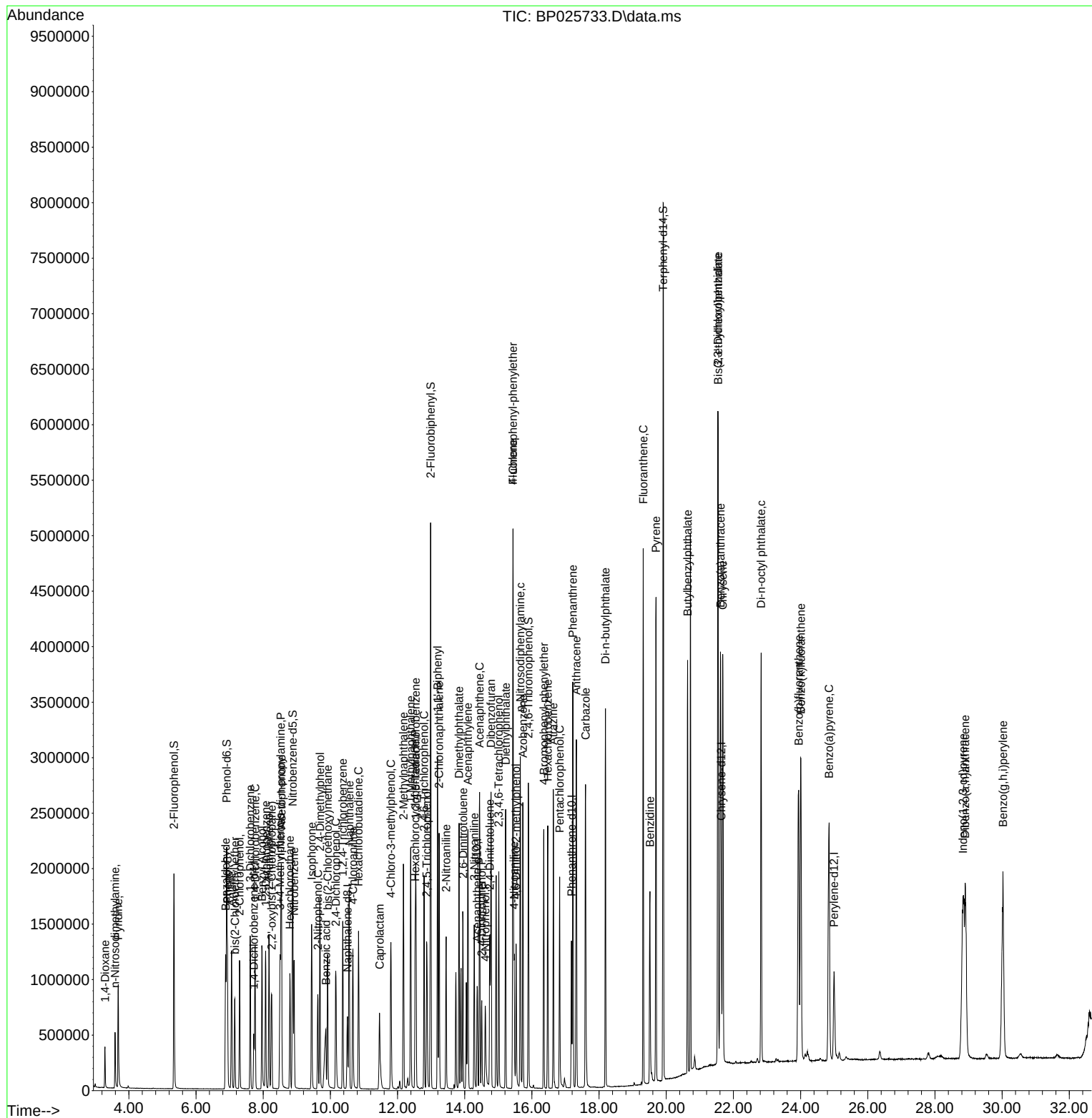
Quant Time: Sep 11 16:27:42 2025

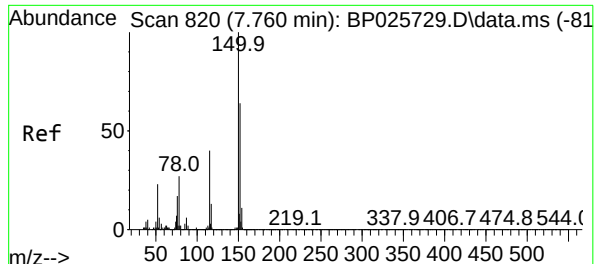
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 11 16:16:10 2025

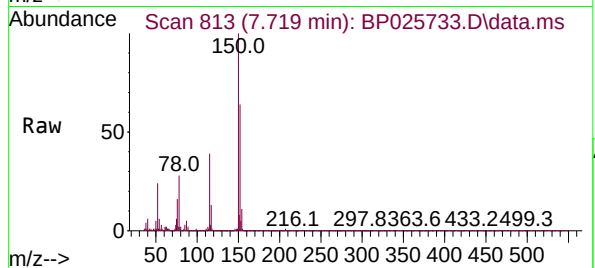
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.719 min Scan# 81  
Delta R.T. -0.041 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

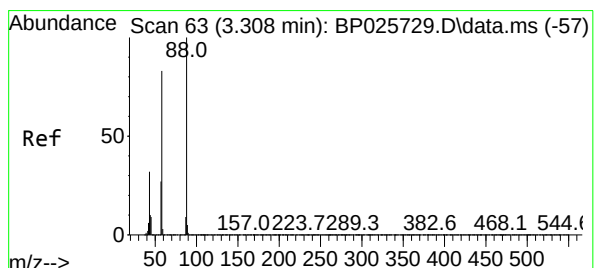
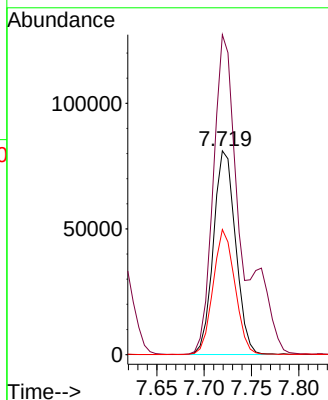
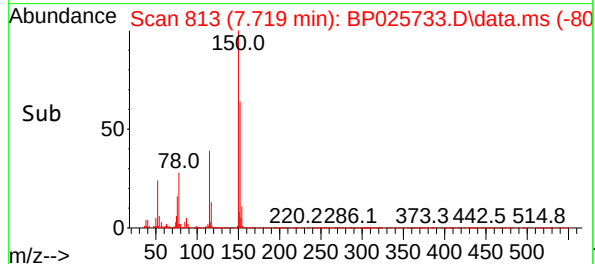
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



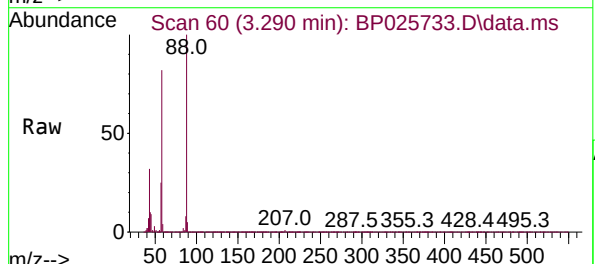
Tgt Ion: 152 Resp: 13222  
Ion Ratio Lower Upper  
152 100  
150 157.1 124.3 186.5  
115 61.4 50.3 75.5

Manual Integrations  
APPROVED

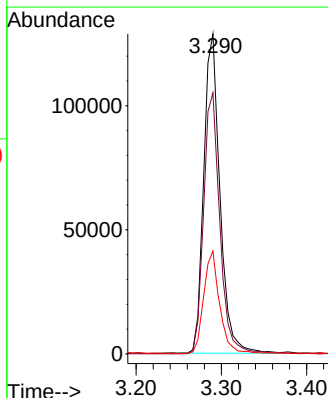
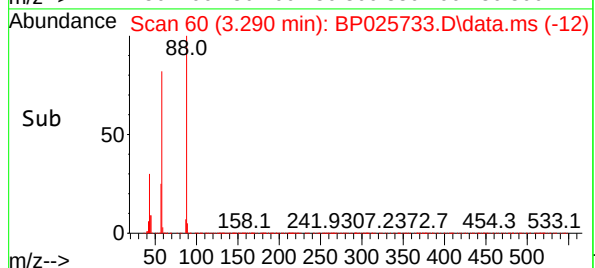
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

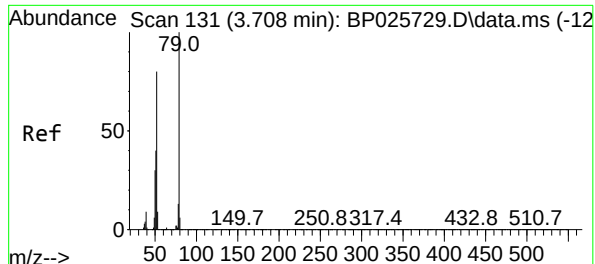


#2  
1,4-Dioxane  
Concen: 49.409 ng  
RT: 3.290 min Scan# 60  
Delta R.T. -0.018 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20



Tgt Ion: 88 Resp: 169936  
Ion Ratio Lower Upper  
88 100  
58 82.5 65.5 98.3  
43 31.6 25.2 37.8





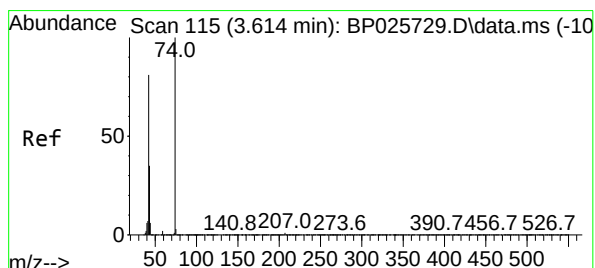
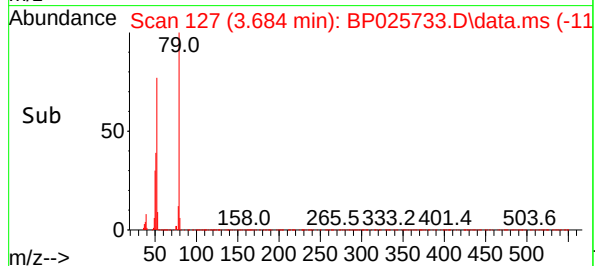
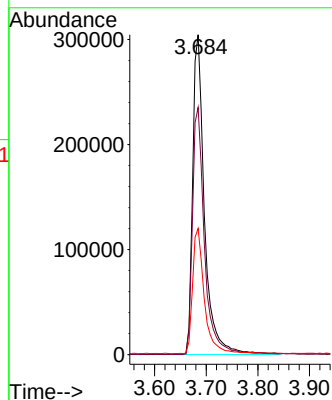
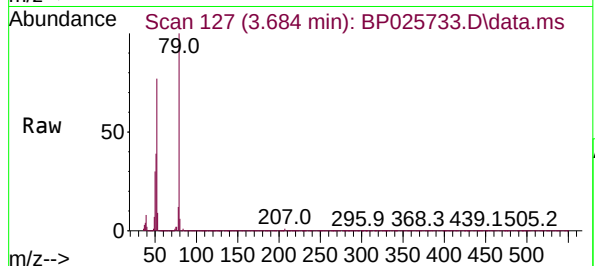
#3  
Pyridine  
Concen: 51.092 ng  
RT: 3.684 min Scan# 110  
Delta R.T. -0.024 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion: 79 Resp: 483875  
Ion Ratio Lower Upper  
79 100  
52 77.2 63.7 95.5  
51 39.4 32.4 48.6

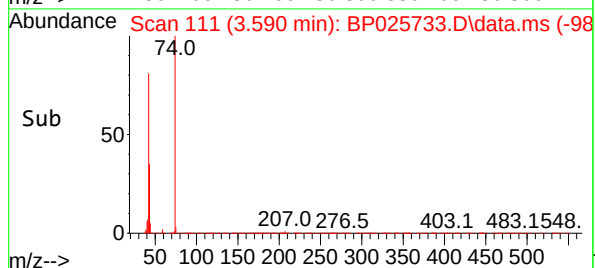
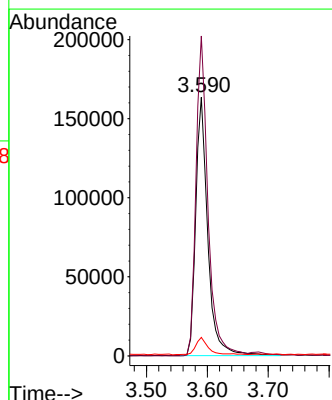
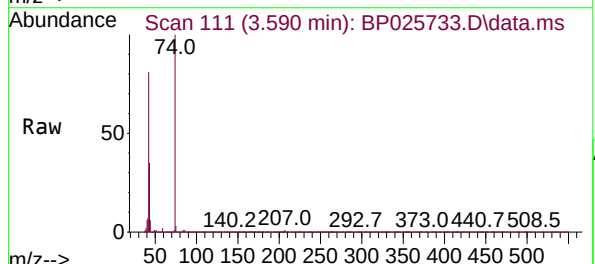
Manual Integrations  
APPROVED

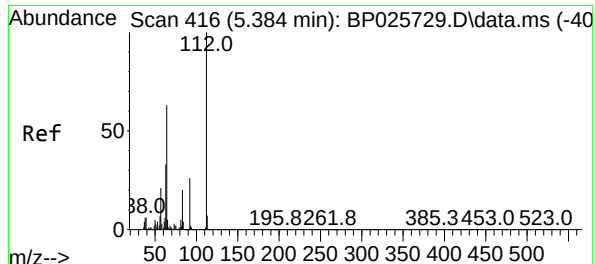
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#4  
n-Nitrosodimethylamine  
Concen: 50.302 ng  
RT: 3.590 min Scan# 111  
Delta R.T. -0.024 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion: 42 Resp: 224792  
Ion Ratio Lower Upper  
42 100  
74 123.8 99.2 148.8  
44 7.1 6.4 9.6





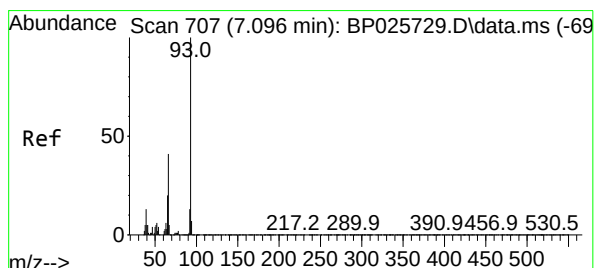
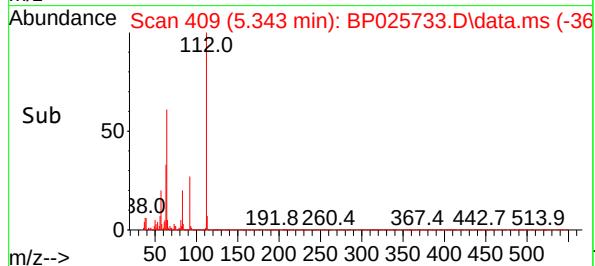
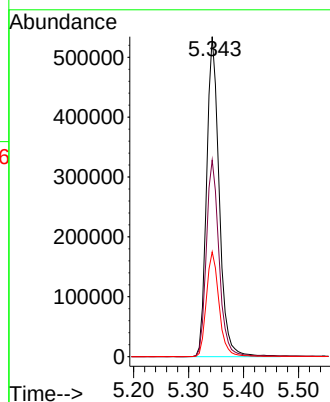
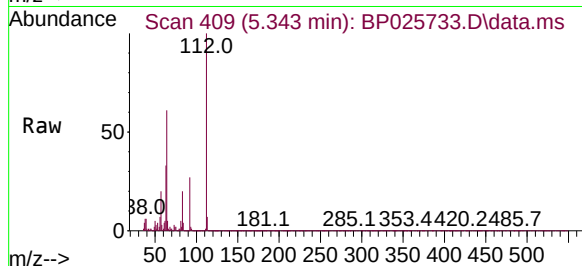
#5  
2-Fluorophenol  
Concen: 103.433 ng  
RT: 5.343 min Scan# 409  
Delta R.T. -0.041 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion: 112 Resp: 847611  
Ion Ratio Lower Upper  
112 100  
64 61.4 50.2 75.4  
63 32.7 26.7 40.1

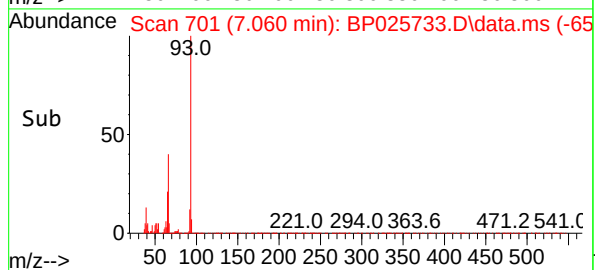
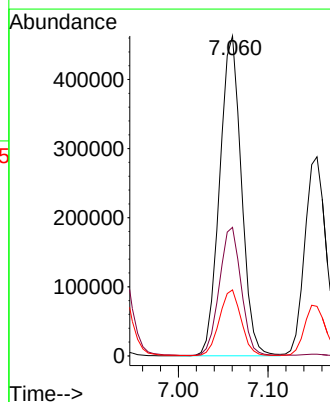
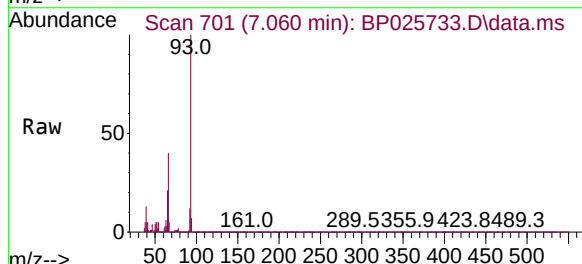
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

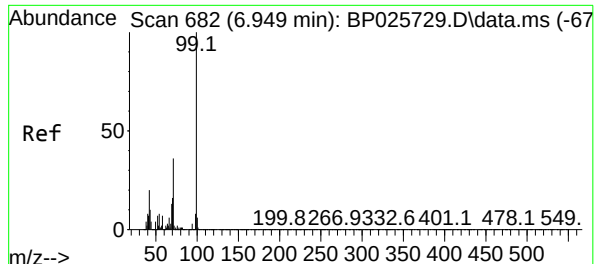


#6  
Aniline  
Concen: 52.443 ng  
RT: 7.060 min Scan# 701  
Delta R.T. -0.035 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion: 93 Resp: 784152  
Ion Ratio Lower Upper  
93 100  
66 40.2 32.6 49.0  
65 20.7 16.2 24.2

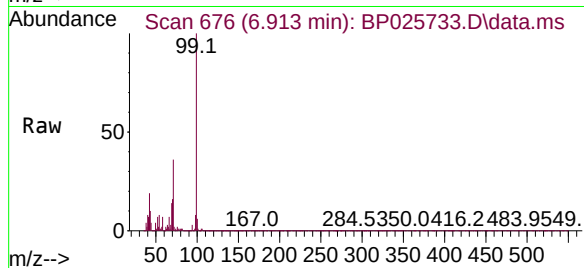






#7  
Phenol-d6  
Concen: 104.750 ng  
RT: 6.913 min Scan# 61  
Delta R.T. -0.035 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

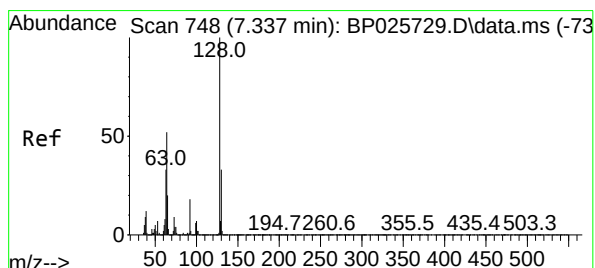
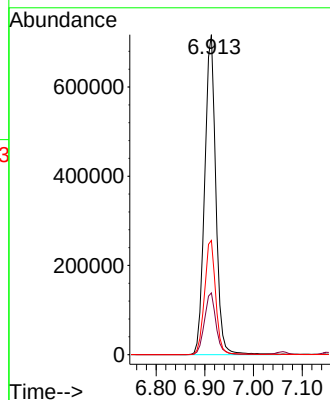
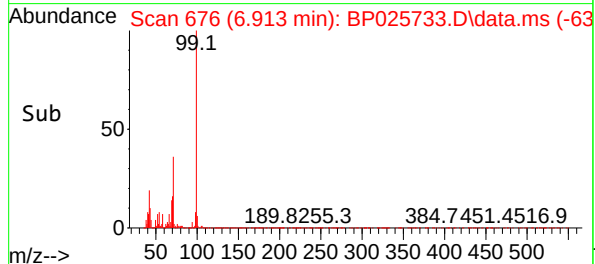
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 99 Resp: 1140979  
Ion Ratio Lower Upper  
99 100  
42 19.3 15.6 23.4  
71 35.7 28.6 43.0

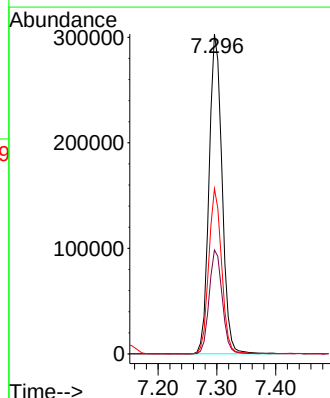
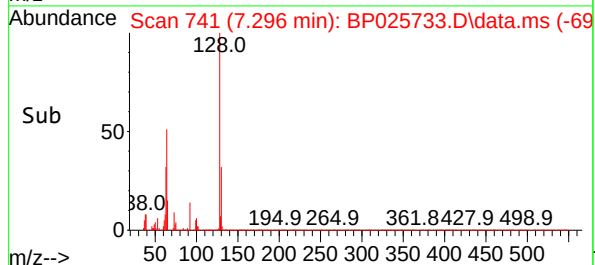
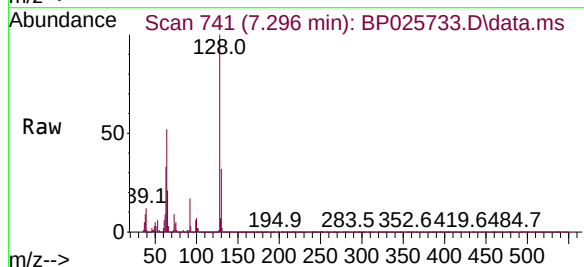
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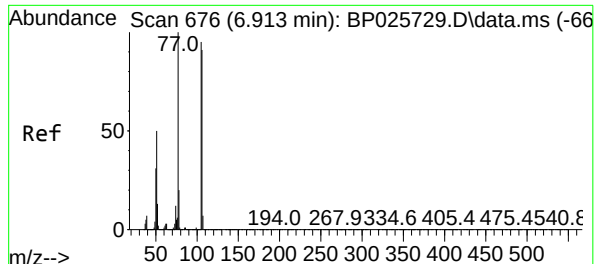
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#8  
2-Chlorophenol  
Concen: 51.856 ng  
RT: 7.296 min Scan# 741  
Delta R.T. -0.041 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:128 Resp: 466182  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.6 52.6  
64 51.6 31.6 71.6





#9

Benzaldehyde

Concen: 61.160 ng m

RT: 6.878 min Scan# 61

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 398852

Ion Ratio Lower Upper

77 100

105 95.2 75.2 115.2

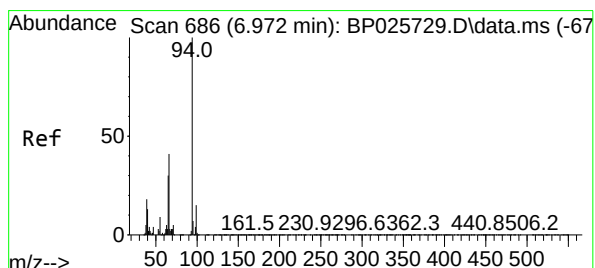
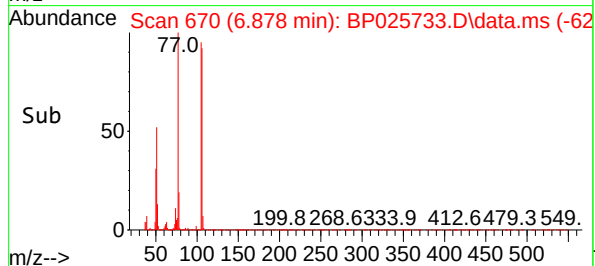
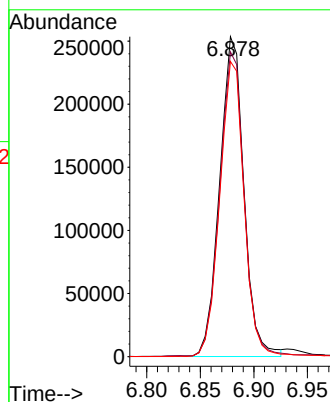
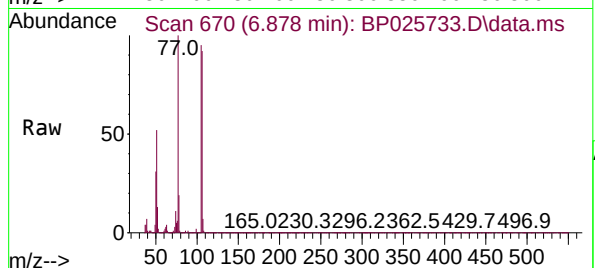
106 92.2 71.3 111.3

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#10

Phenol

Concen: 52.364 ng

RT: 6.937 min Scan# 680

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

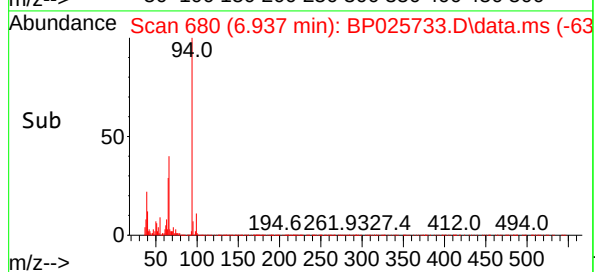
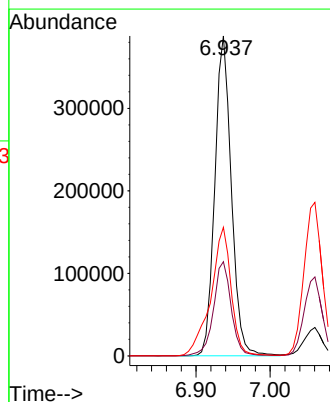
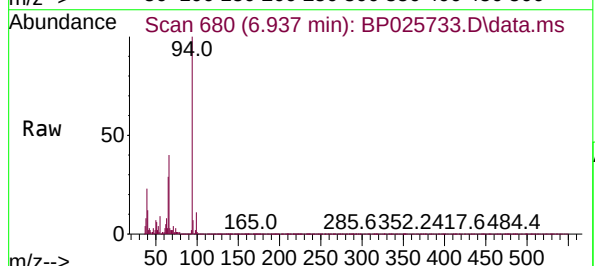
Tgt Ion: 94 Resp: 601415

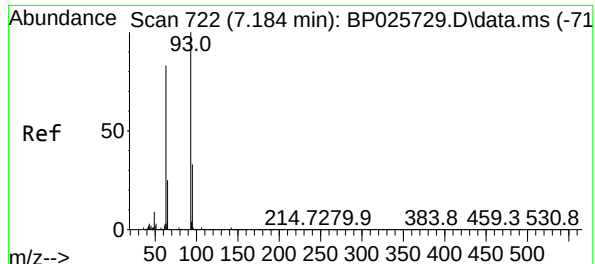
Ion Ratio Lower Upper

94 100

65 29.4 10.2 50.2

66 40.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 51.503 ng

RT: 7.155 min Scan# 71

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 47524

Ion Ratio Lower Upper

93 100

63 79.5 62.6 102.6

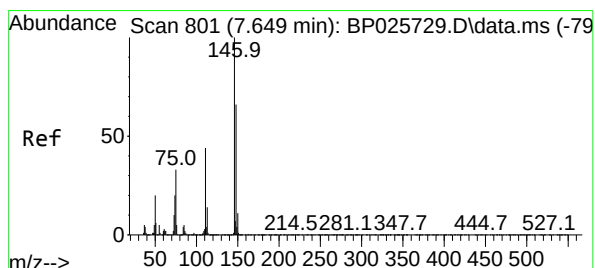
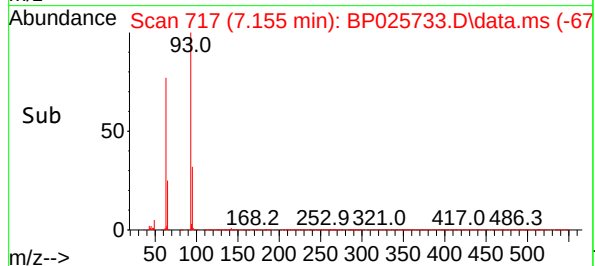
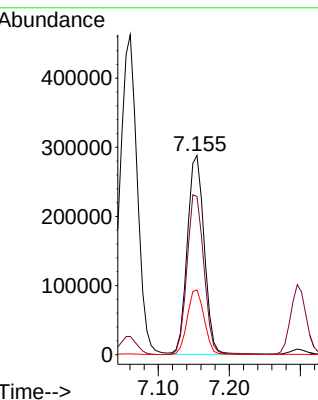
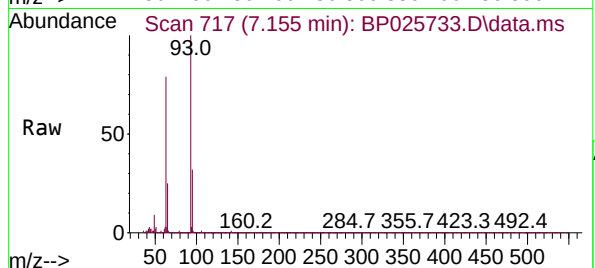
95 32.5 13.2 53.2

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 50.003 ng

RT: 7.613 min Scan# 795

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

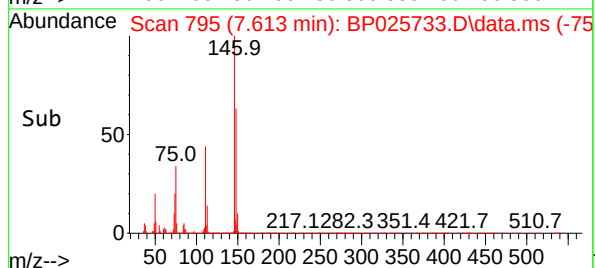
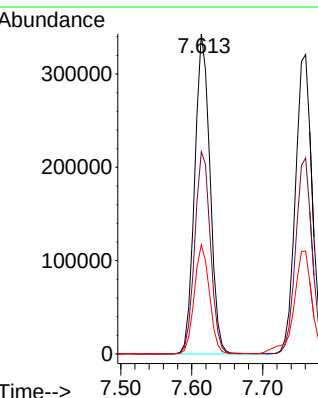
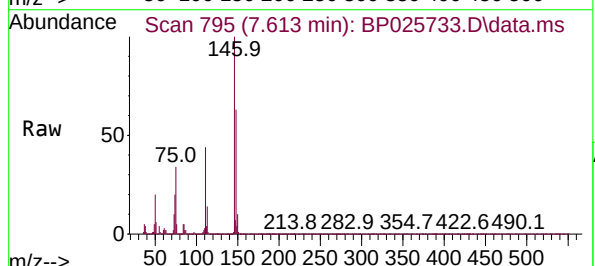
Tgt Ion:146 Resp: 511619

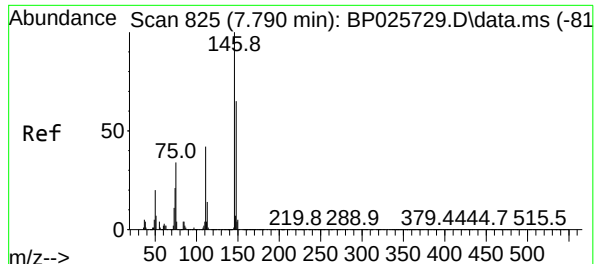
Ion Ratio Lower Upper

146 100

148 63.2 52.7 79.1

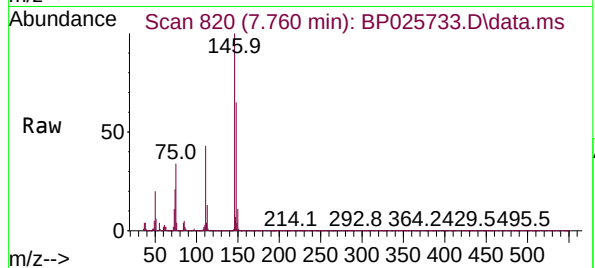
75 34.1 26.4 39.6





#13  
1,4-Dichlorobenzene  
Concen: 50.438 ng  
RT: 7.760 min Scan# 81  
Delta R.T. -0.029 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

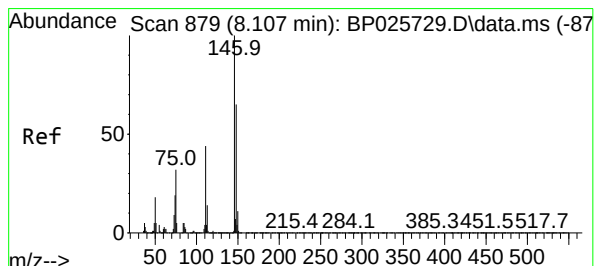
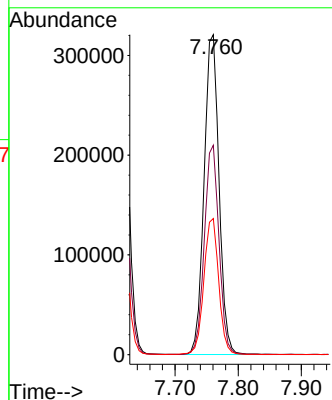
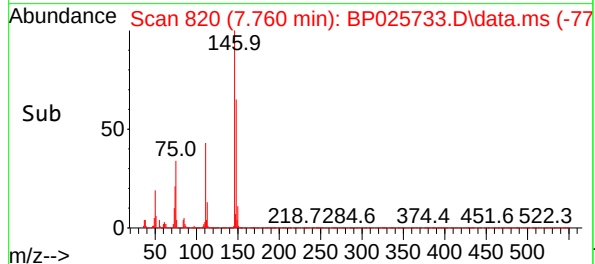
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



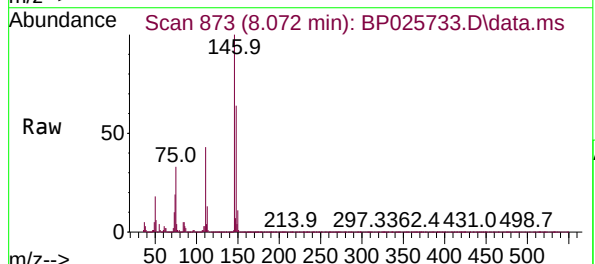
Tgt Ion:146 Resp: 525685  
Ion Ratio Lower Upper  
146 100  
148 65.4 52.0 78.0  
111 42.5 33.9 50.9

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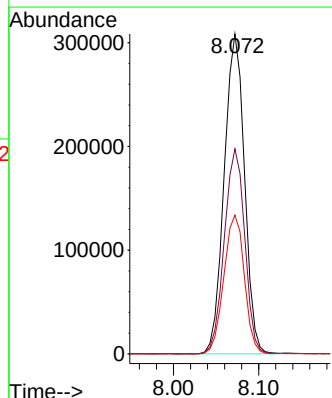
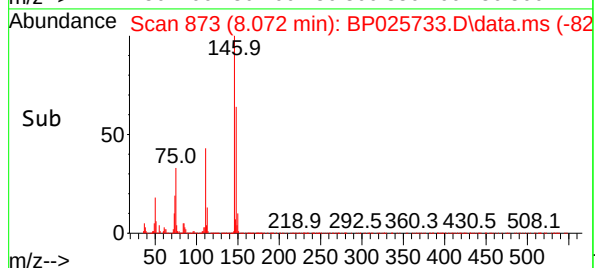
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

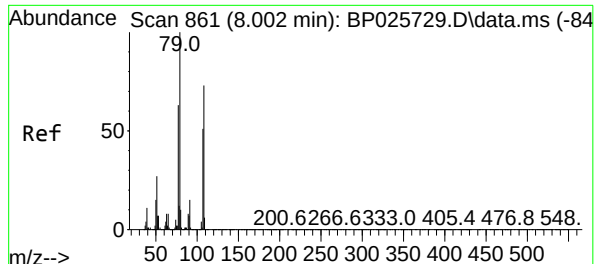


#14  
1,2-Dichlorobenzene  
Concen: 50.354 ng  
RT: 8.072 min Scan# 873  
Delta R.T. -0.035 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20



Tgt Ion:146 Resp: 509835  
Ion Ratio Lower Upper  
146 100  
148 64.1 51.7 77.5  
111 43.4 35.5 53.3





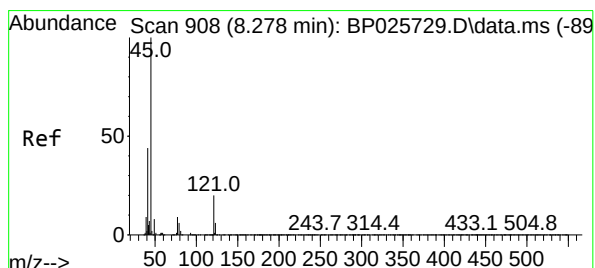
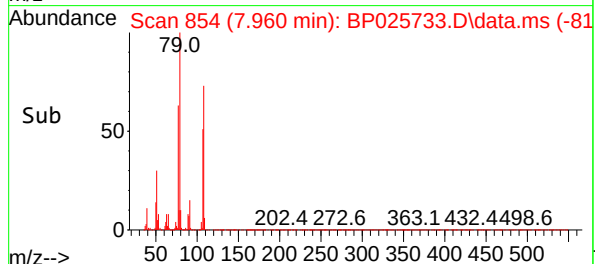
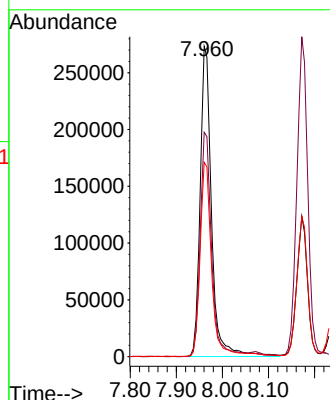
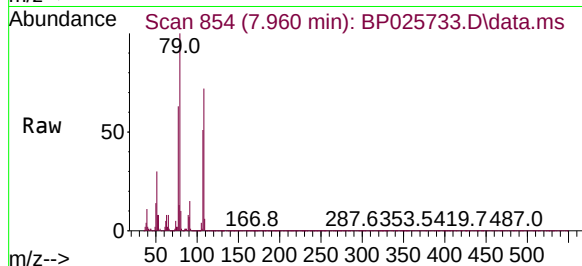
#15  
Benzyl Alcohol  
Concen: 51.821 ng  
RT: 7.960 min Scan# 81  
Delta R.T. -0.041 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion: 79 Resp: 46642  
Ion Ratio Lower Upper  
79 100  
108 72.4 58.7 88.1  
77 62.7 50.2 75.2

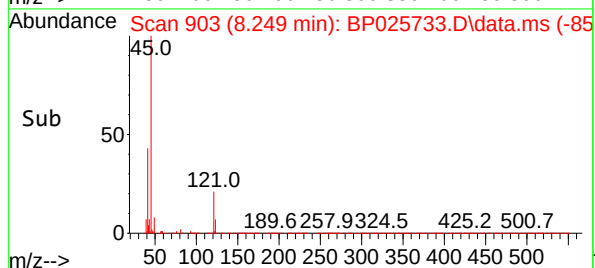
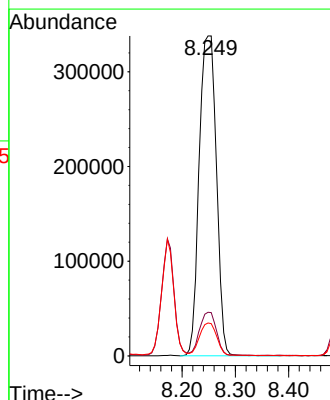
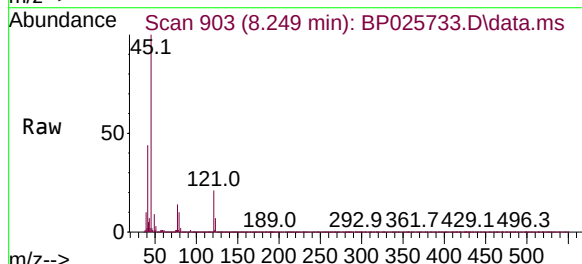
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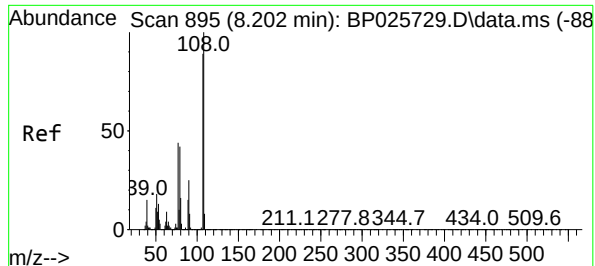
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 50.182 ng  
RT: 8.249 min Scan# 903  
Delta R.T. -0.029 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

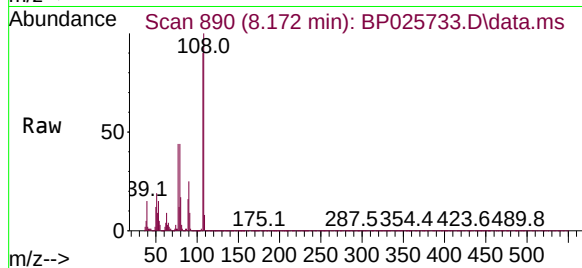
Tgt Ion: 45 Resp: 757264  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 33.1  
79 10.3 0.0 30.0





#17  
2-Methylphenol  
Concen: 52.557 ng  
RT: 8.172 min Scan# 895  
Delta R.T. -0.029 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

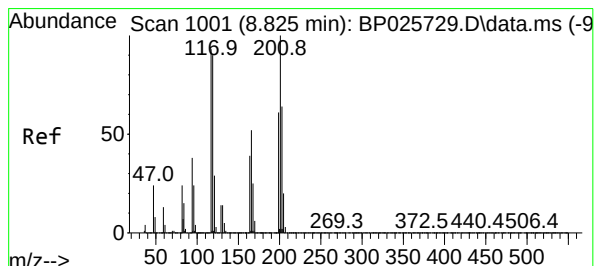
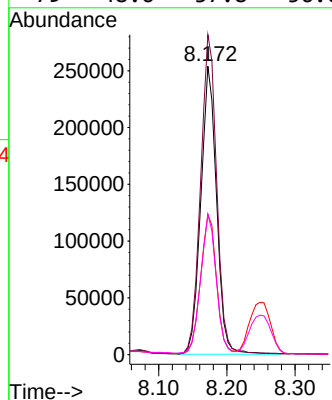
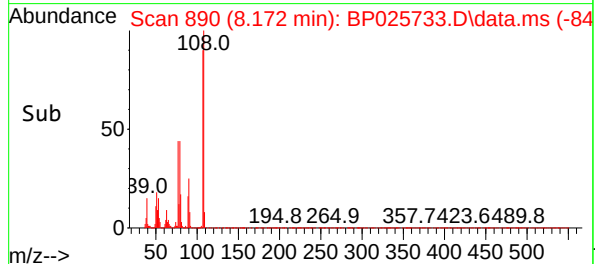
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



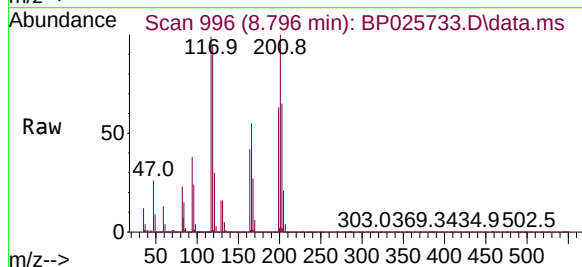
Tgt Ion:107 Resp: 406974  
Ion Ratio Lower Upper  
107 100  
108 111.0 89.6 134.4  
77 48.6 39.3 58.9  
79 48.6 37.8 56.6

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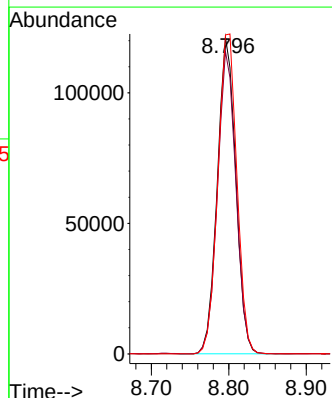
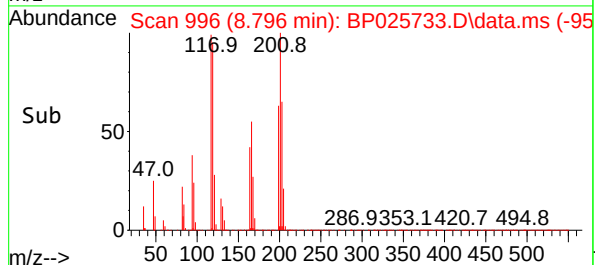
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

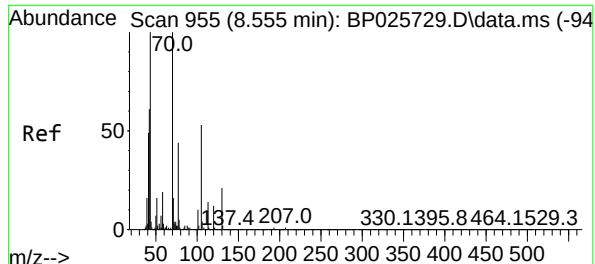


#18  
Hexachloroethane  
Concen: 50.587 ng  
RT: 8.796 min Scan# 996  
Delta R.T. -0.029 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20



Tgt Ion:117 Resp: 201387  
Ion Ratio Lower Upper  
117 100  
119 95.5 77.1 115.7  
201 100.7 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 54.152 ng

RT: 8.525 min Scan# 91

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 406549

Ion Ratio Lower Upper

70 100

42 62.4 49.0 73.4

101 9.3 7.9 11.9

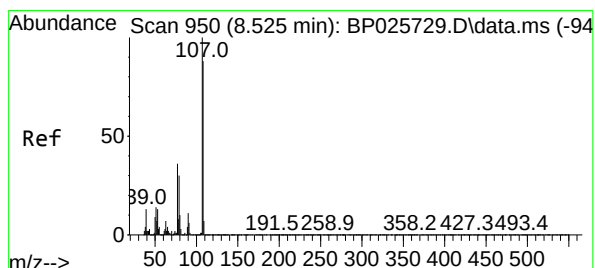
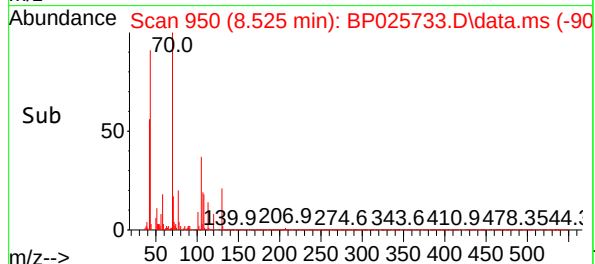
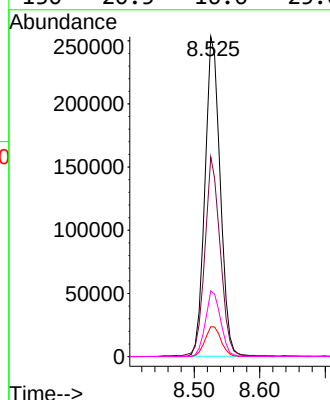
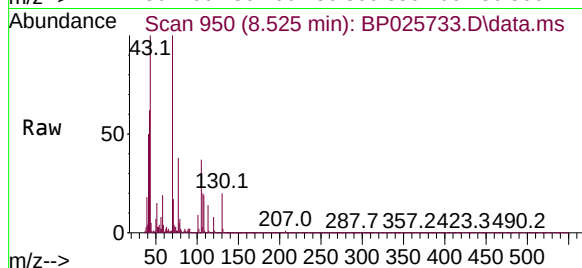
130 20.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 51.612 ng

RT: 8.502 min Scan# 946

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 559714

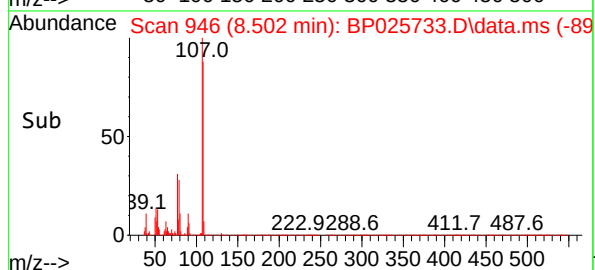
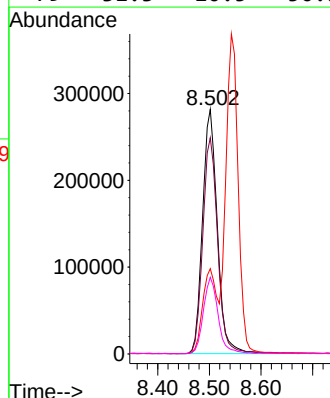
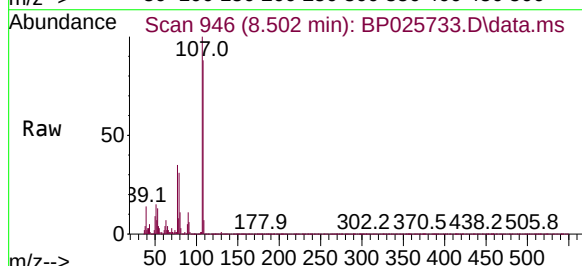
Ion Ratio Lower Upper

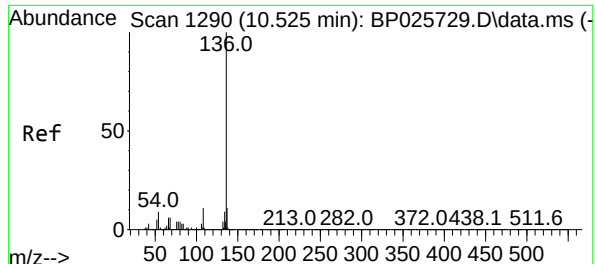
107 100

108 88.3 67.8 107.8

77 34.9 16.1 56.1

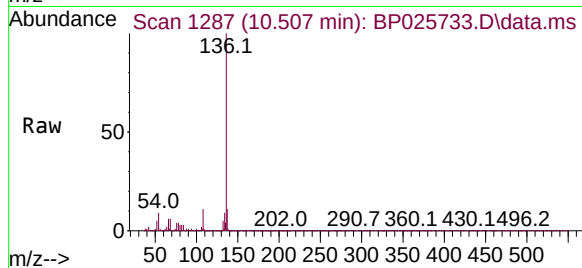
79 31.3 10.5 50.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.507 min Scan# 1290  
Delta R.T. -0.018 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

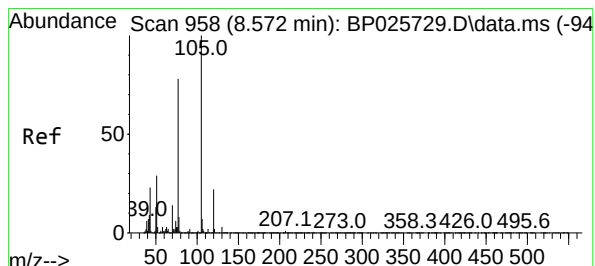
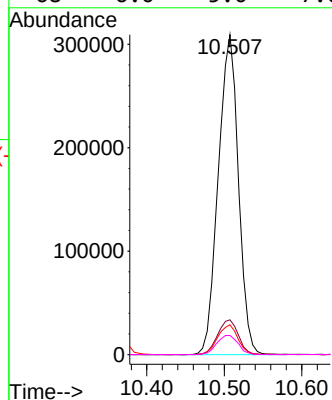
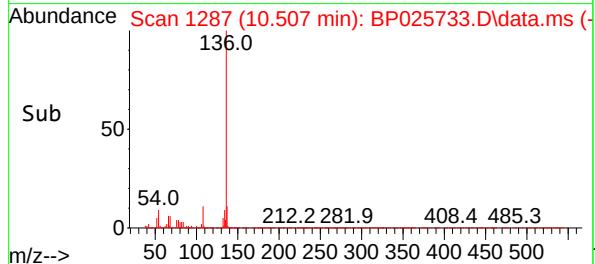
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:136 Resp: 558379  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 9.3 7.5 11.3  
68 6.0 5.0 7.6

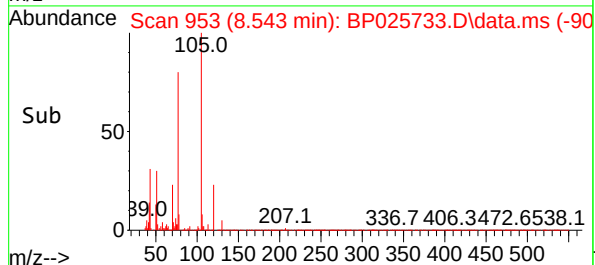
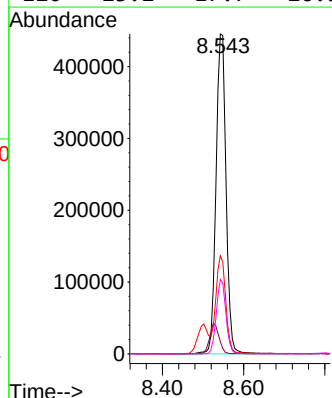
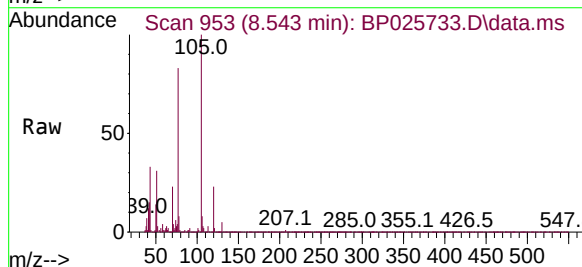
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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

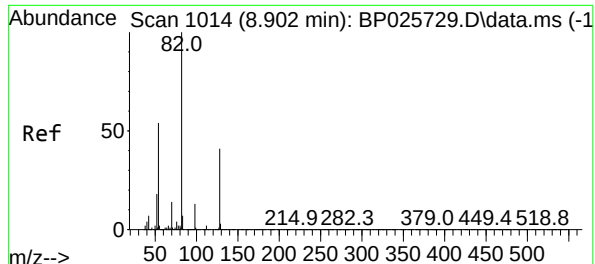


#22  
Acetophenone  
Concen: 51.407 ng  
RT: 8.543 min Scan# 953  
Delta R.T. -0.029 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:105 Resp: 767098  
Ion Ratio Lower Upper  
105 100  
71 3.8 1.8 2.8  
51 30.7 23.5 35.3  
120 23.2 17.7 26.5







#23

Nitrobenzene-d5

Concen: 102.956 ng

RT: 8.878 min Scan# 1010

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 130327

Ion Ratio Lower Upper

82 100

128 41.0 32.9 49.3

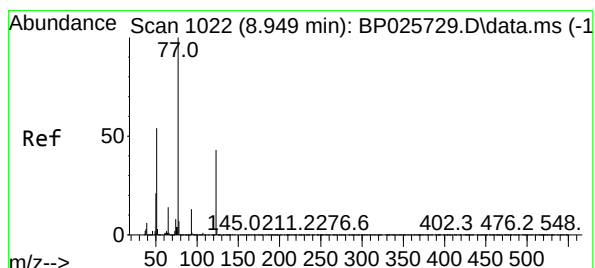
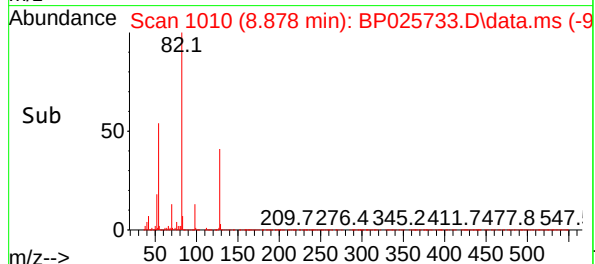
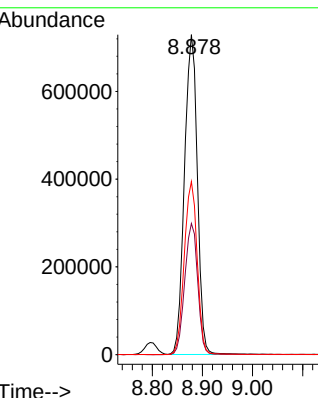
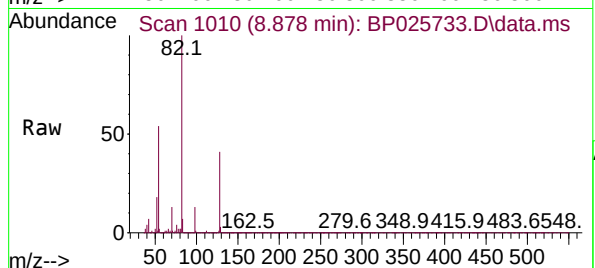
54 54.1 43.4 65.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 51.351 ng

RT: 8.919 min Scan# 1017

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

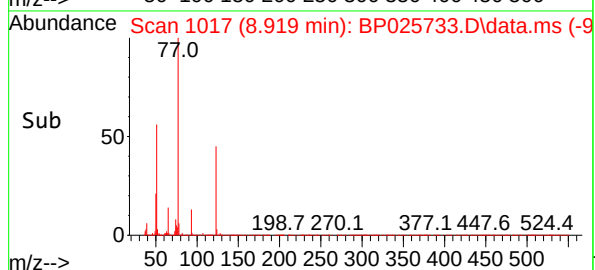
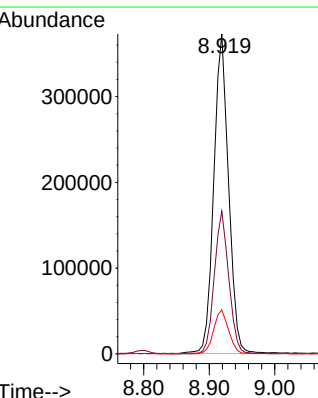
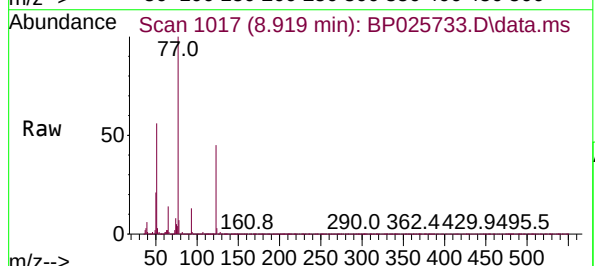
Tgt Ion: 77 Resp: 583136

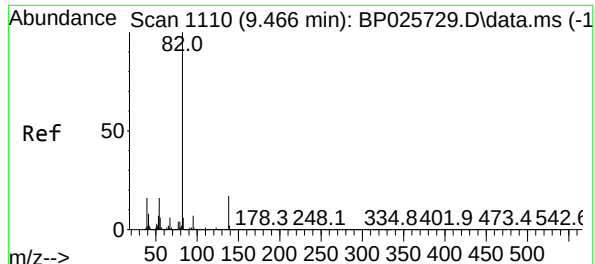
Ion Ratio Lower Upper

77 100

123 44.6 34.4 51.6

65 13.7 10.8 16.2





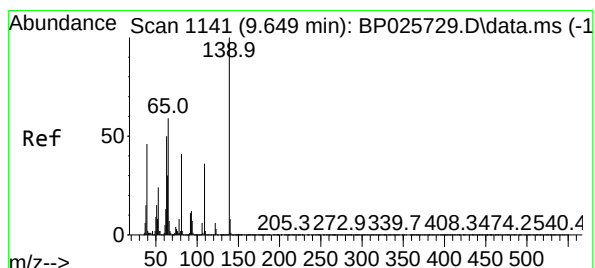
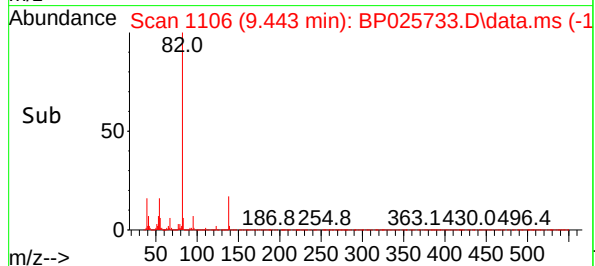
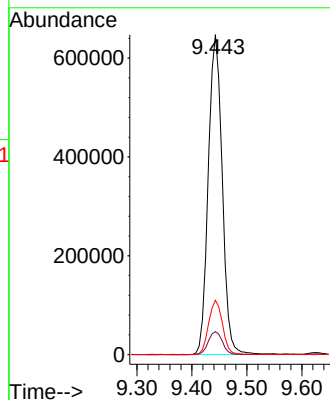
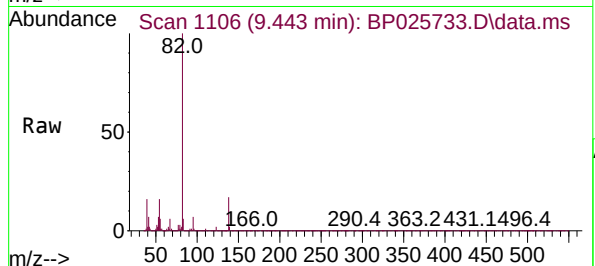
#25  
Isophorone  
Concen: 51.161 ng  
RT: 9.443 min Scan# 1106  
Delta R.T. -0.024 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion: 82 Resp: 1138308  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.8  
138 17.0 13.5 20.3

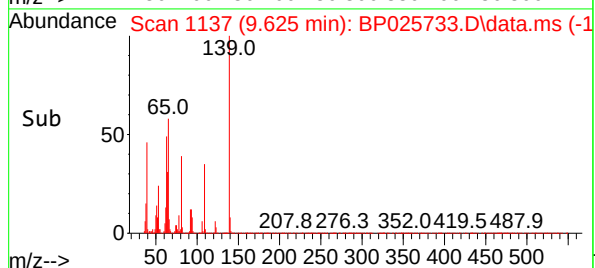
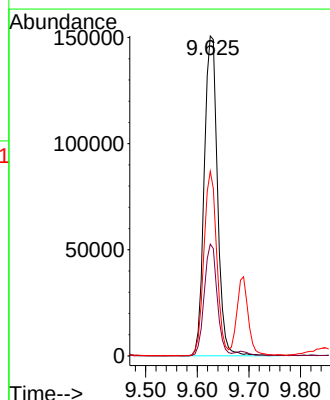
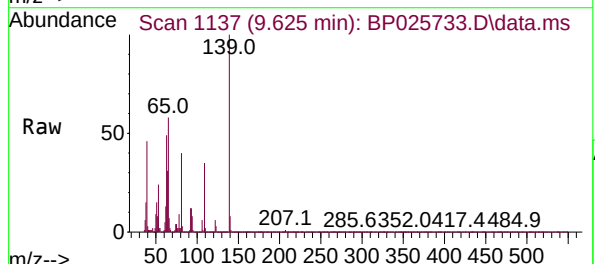
Manual Integrations  
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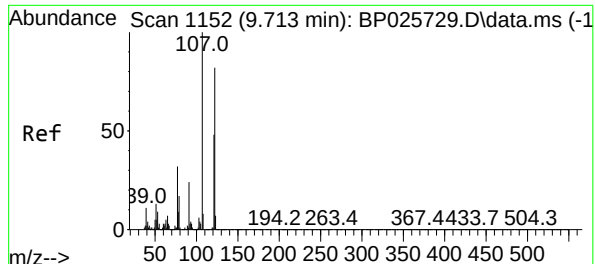
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#26  
2-Nitrophenol  
Concen: 53.408 ng  
RT: 9.625 min Scan# 1137  
Delta R.T. -0.024 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

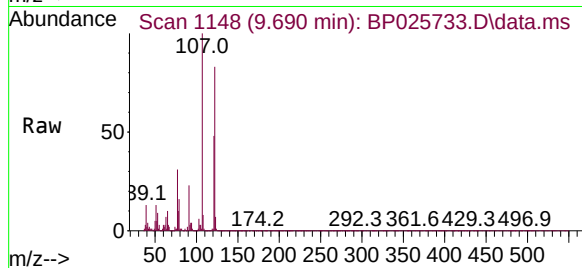
Tgt Ion:139 Resp: 269275  
Ion Ratio Lower Upper  
139 100  
109 34.9 29.0 43.4  
65 57.7 46.9 70.3





#27  
2,4-Dimethylphenol  
Concen: 51.654 ng  
RT: 9.690 min Scan# 1148  
Delta R.T. -0.024 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

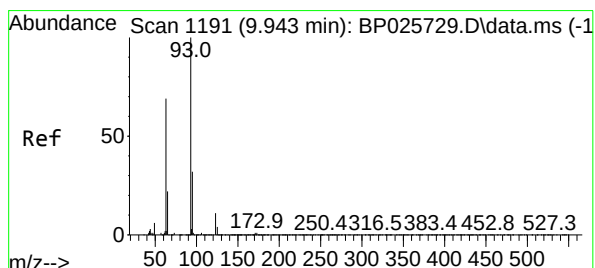
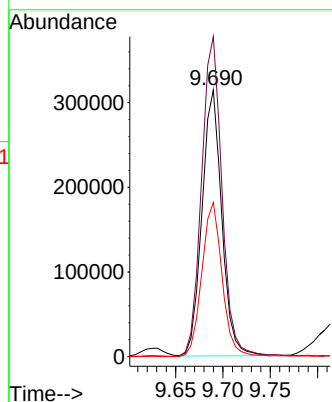
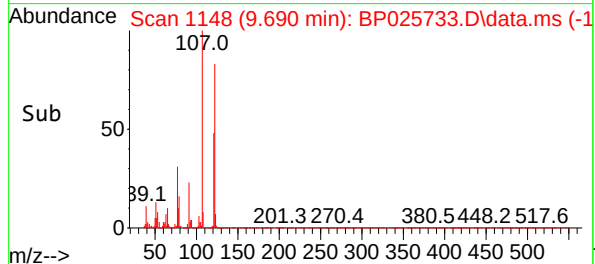
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 122 Resp: 456881  
Ion Ratio Lower Upper  
122 100  
107 120.0 97.9 146.9  
121 57.8 47.4 71.0

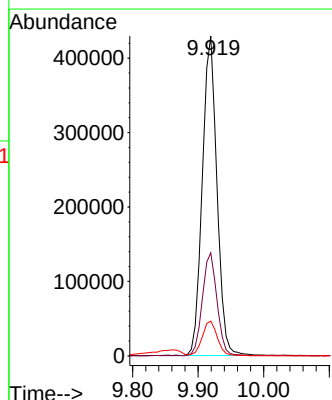
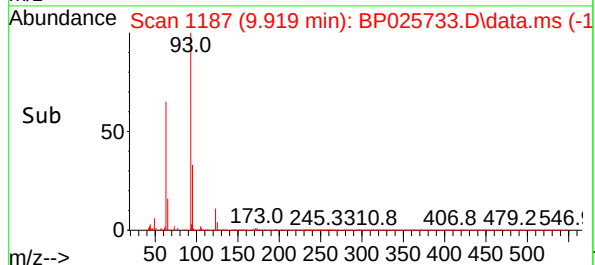
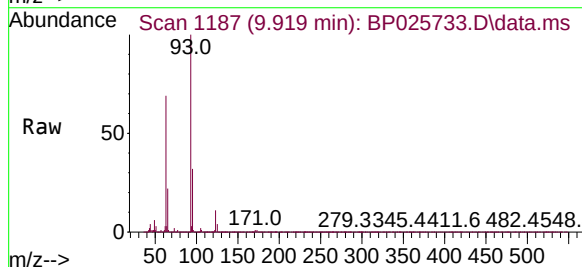
Manual Integrations  
APPROVED

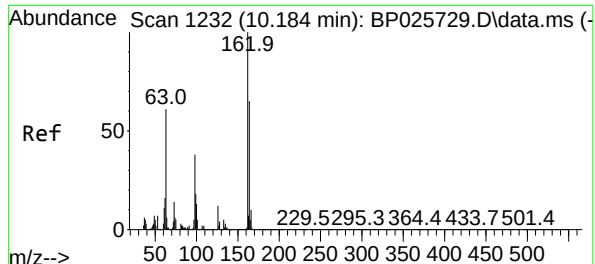
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#28  
bis(2-Chloroethoxy)methane  
Concen: 51.437 ng  
RT: 9.919 min Scan# 1187  
Delta R.T. -0.024 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion: 93 Resp: 661544  
Ion Ratio Lower Upper  
93 100  
95 32.2 25.6 38.4  
123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 53.298 ng

RT: 10.160 min Scan# 1228

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 470034

Ion Ratio Lower Upper

162 100

164 65.6 44.7 84.7

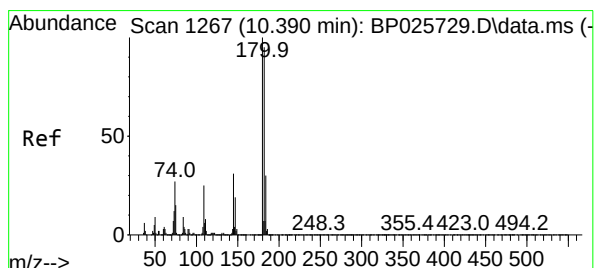
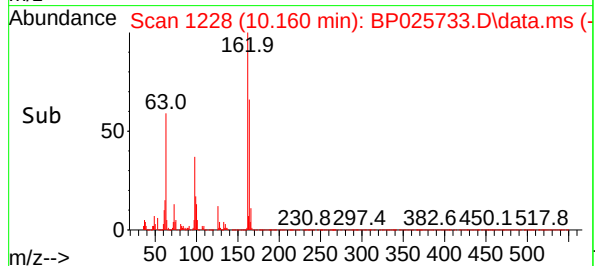
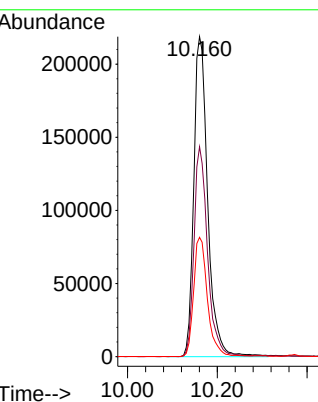
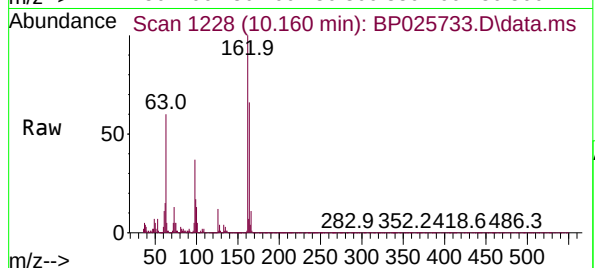
98 37.3 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.132 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

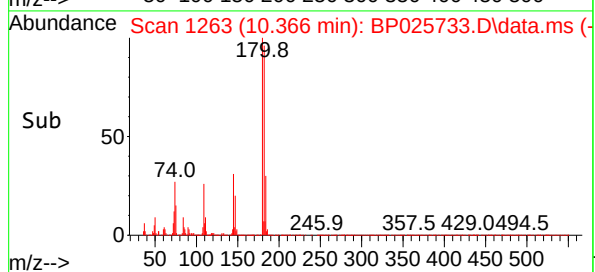
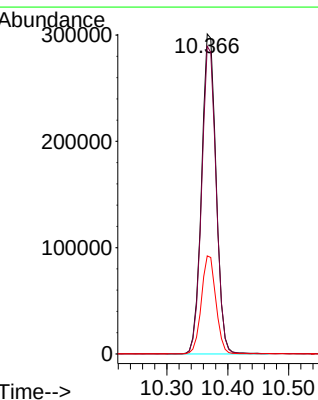
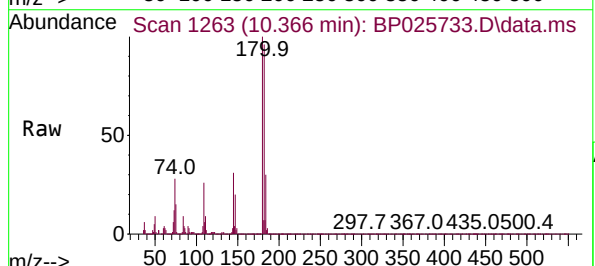
Tgt Ion:180 Resp: 498270

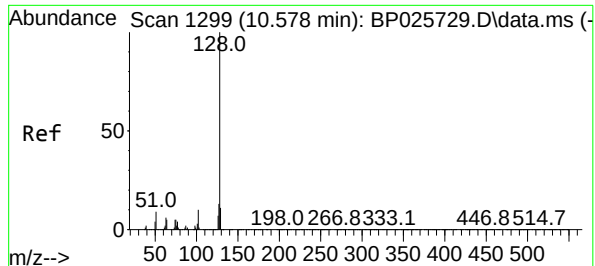
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

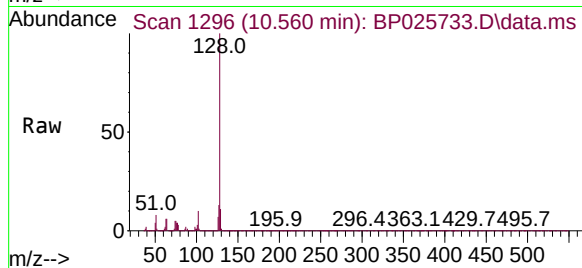
145 30.6 24.7 37.1





#31  
Naphthalene  
Concen: 50.255 ng  
RT: 10.560 min Scan# 1178  
Delta R.T. -0.018 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

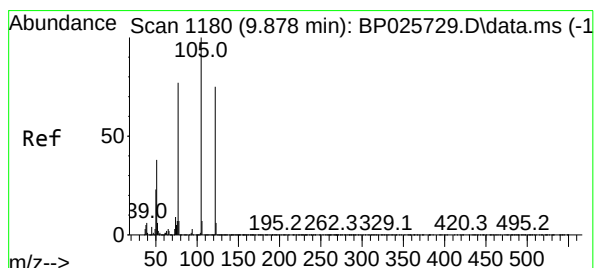
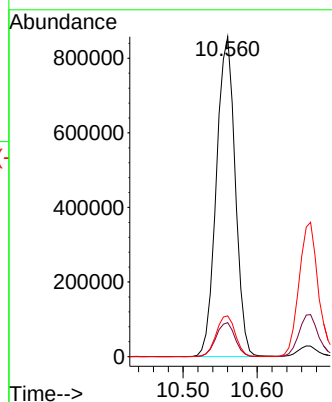
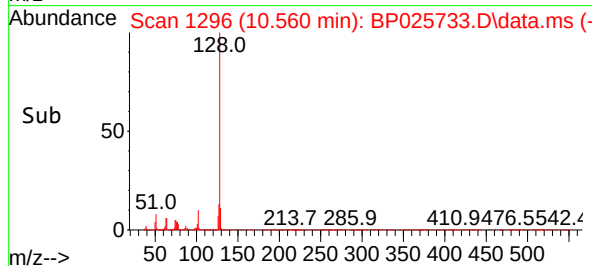
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:128 Resp: 151308  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.6 12.8  
127 12.7 10.2 15.4

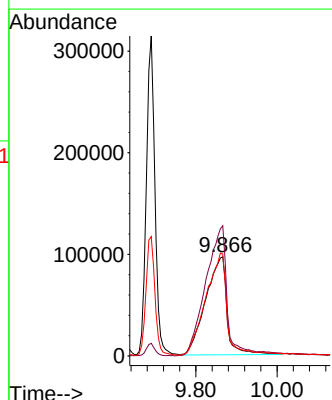
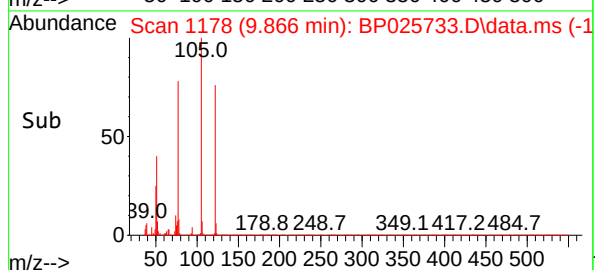
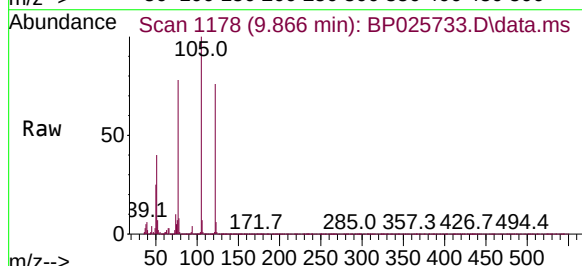
Manual Integrations  
APPROVED

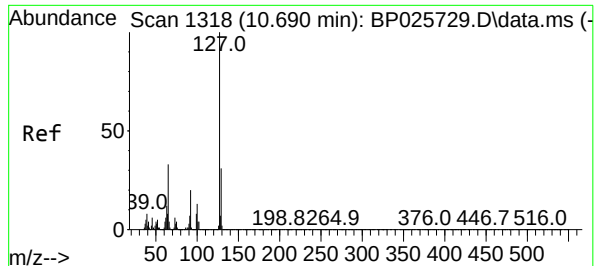
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#32  
Benzoic acid  
Concen: 53.738 ng  
RT: 9.866 min Scan# 1178  
Delta R.T. -0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:122 Resp: 353386  
Ion Ratio Lower Upper  
122 100  
105 131.2 111.5 151.5  
77 102.7 81.8 121.8





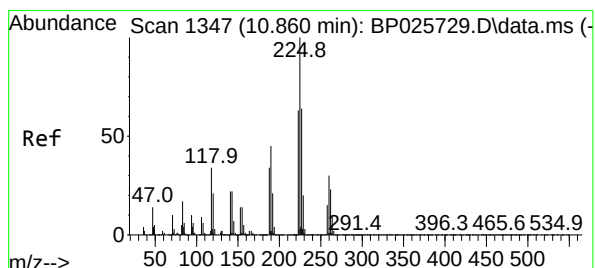
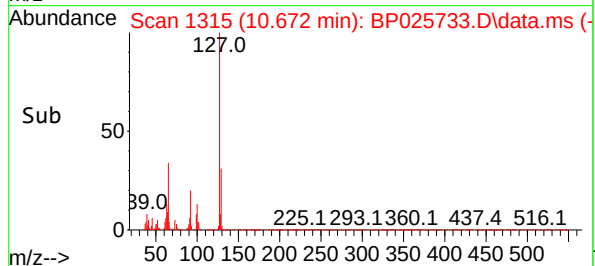
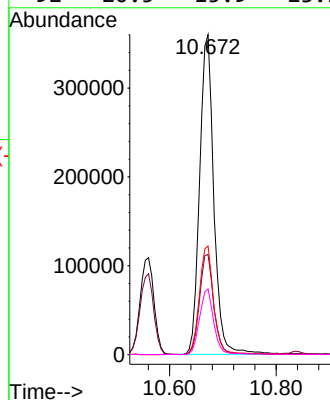
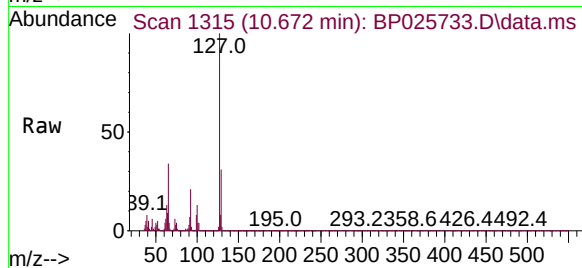
#33  
4-Chloroaniline  
Concen: 53.111 ng  
RT: 10.672 min Scan# 1315  
Delta R.T. -0.018 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:127 Resp: 666499  
Ion Ratio Lower Upper  
127 100  
129 31.3 25.1 37.7  
65 33.9 26.4 39.6  
92 20.5 15.9 23.9

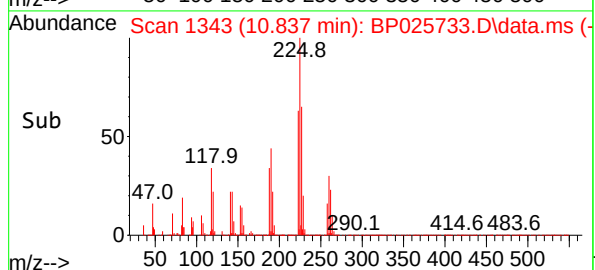
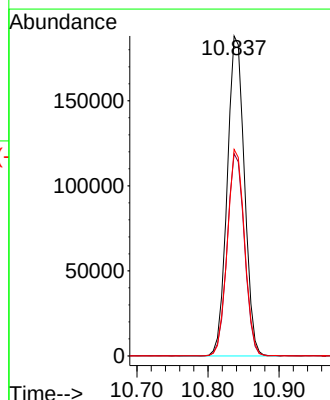
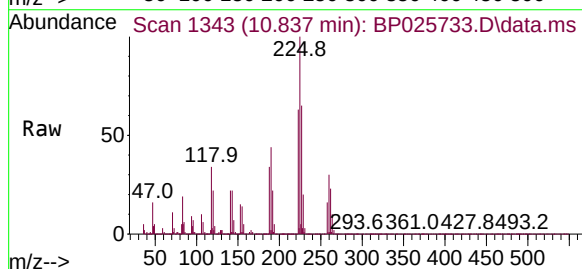
Manual Integrations  
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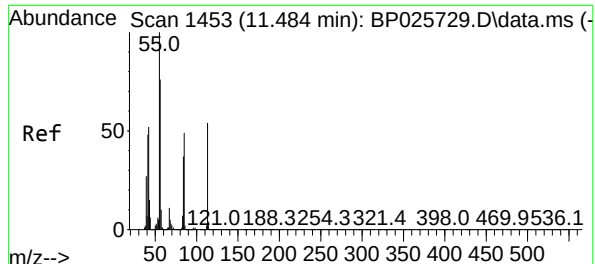
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#34  
Hexachlorobutadiene  
Concen: 49.495 ng  
RT: 10.837 min Scan# 1343  
Delta R.T. -0.024 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:225 Resp: 316676  
Ion Ratio Lower Upper  
225 100  
223 63.2 50.1 75.1  
227 64.5 51.2 76.8





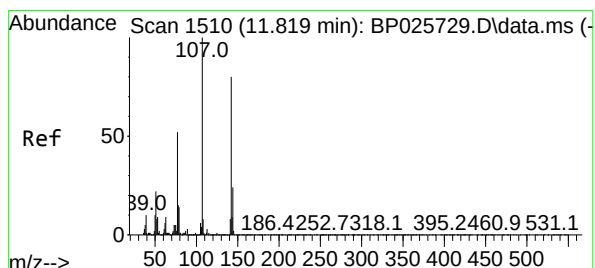
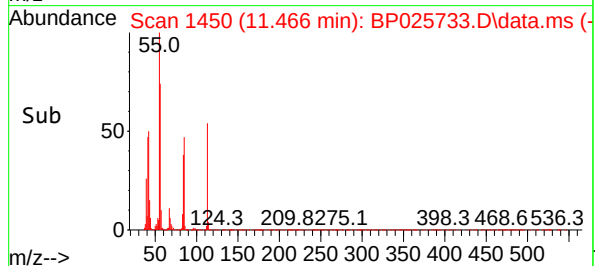
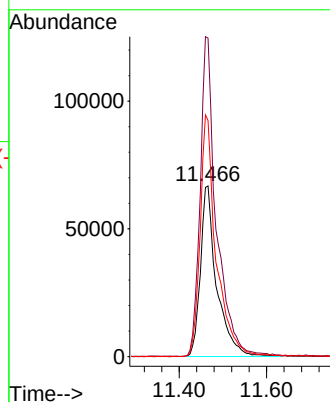
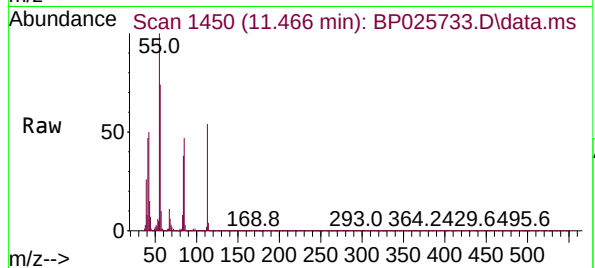
#35  
Caprolactam  
Concen: 50.713 ng  
RT: 11.466 min Scan# 14  
Delta R.T. -0.018 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:113 Resp: 172043  
Ion Ratio Lower Upper  
113 100  
55 186.5 165.5 205.5  
56 138.3 121.1 161.1

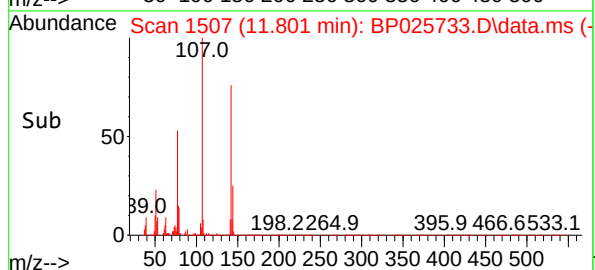
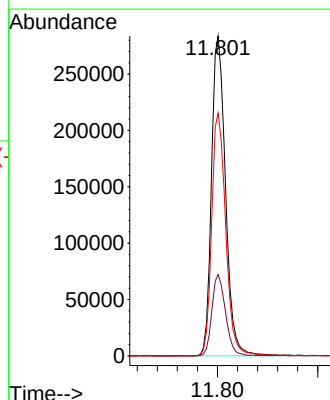
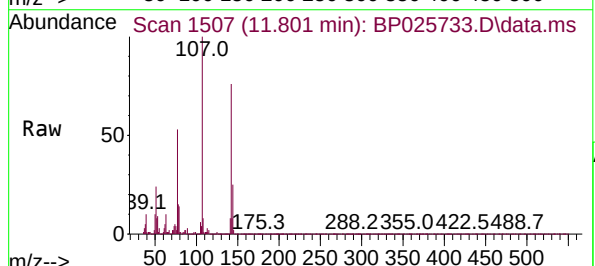
Manual Integrations  
APPROVED

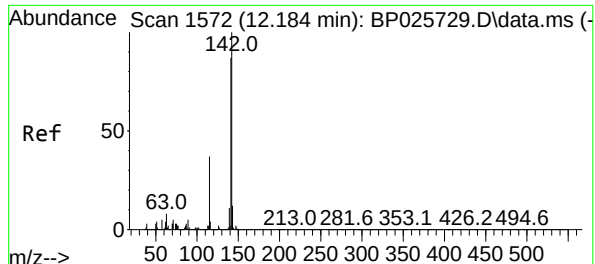
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#36  
4-Chloro-3-methylphenol  
Concen: 52.269 ng  
RT: 11.801 min Scan# 1507  
Delta R.T. -0.018 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 549567  
Ion Ratio Lower Upper  
107 100  
144 25.4 19.4 29.2  
142 75.9 63.8 95.6





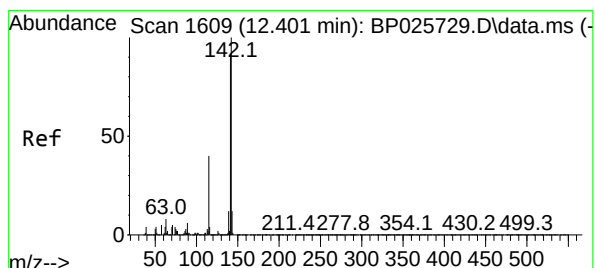
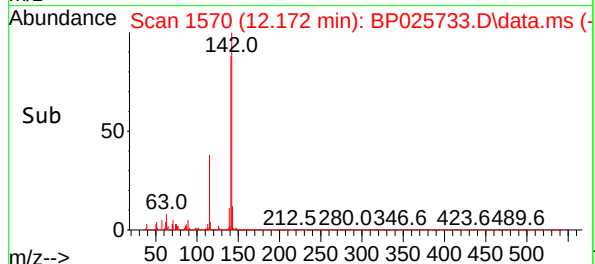
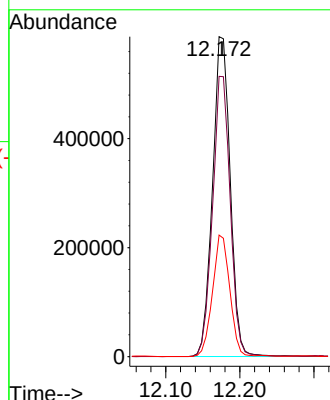
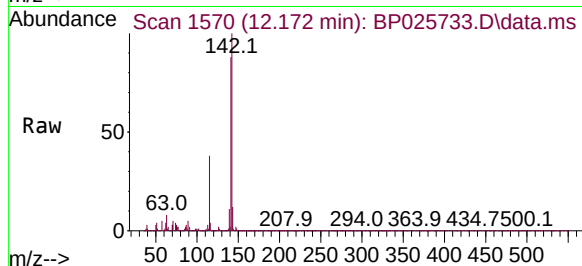
#37  
2-Methylnaphthalene  
Concen: 50.386 ng  
RT: 12.172 min Scan# 1570  
Delta R.T. -0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:142 Resp: 974364  
Ion Ratio Lower Upper  
142 100  
141 87.6 69.6 104.4  
115 38.0 30.0 45.0

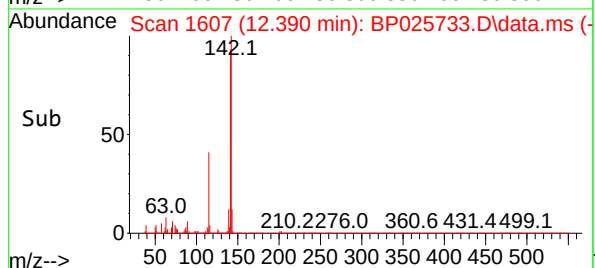
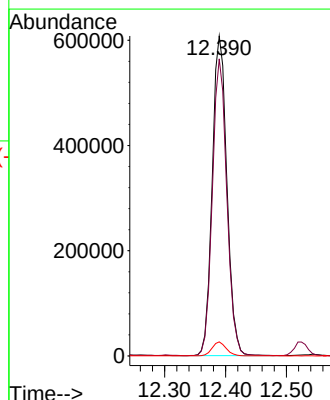
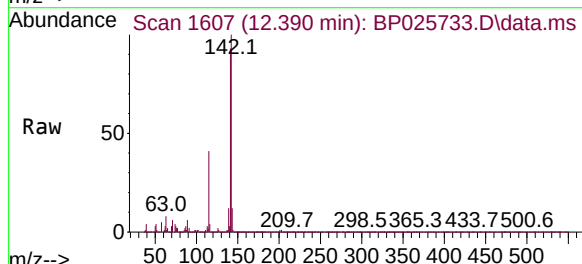
Manual Integrations  
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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

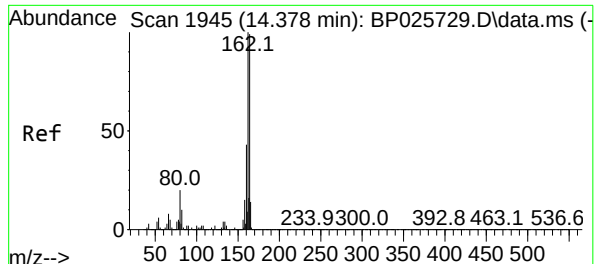


#38  
1-Methylnaphthalene  
Concen: 49.456 ng  
RT: 12.390 min Scan# 1607  
Delta R.T. -0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:142 Resp: 1019849  
Ion Ratio Lower Upper  
142 100  
141 92.8 72.7 109.1  
116 4.4 3.5 5.3







#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

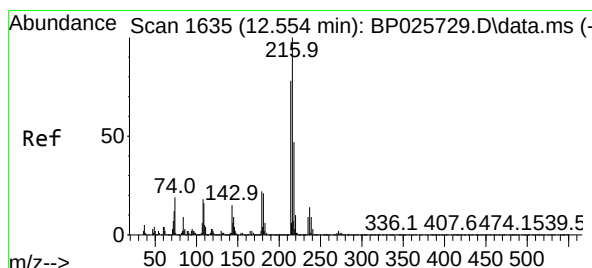
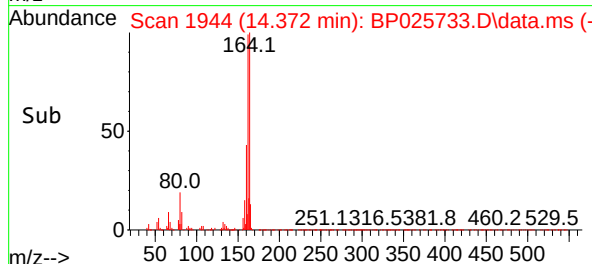
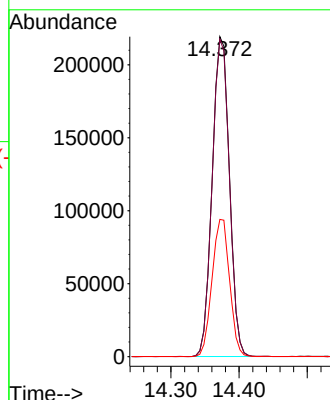
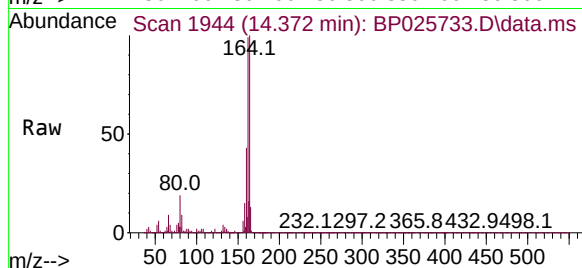
SSTDICC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 384529 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 99.2  | 80.6  | 120.8  |
| 160       | 42.9  | 35.0  | 52.6   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.090 ng

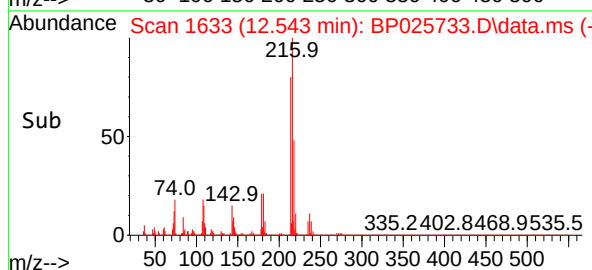
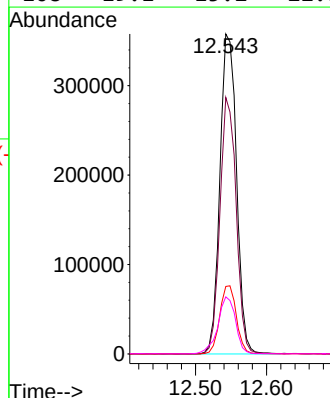
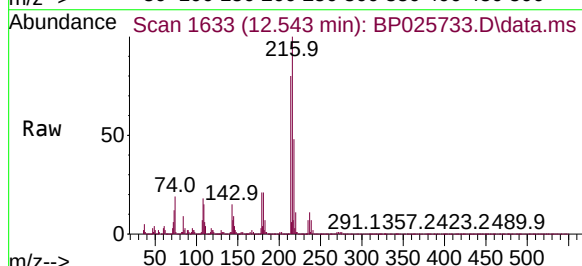
RT: 12.543 min Scan# 1633

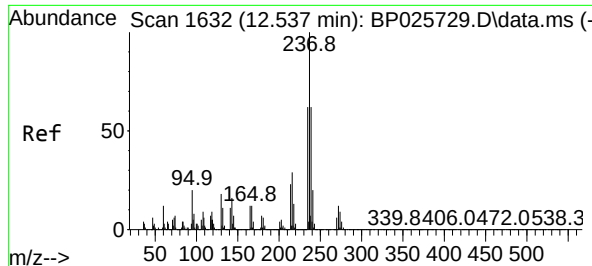
Delta R.T. -0.012 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

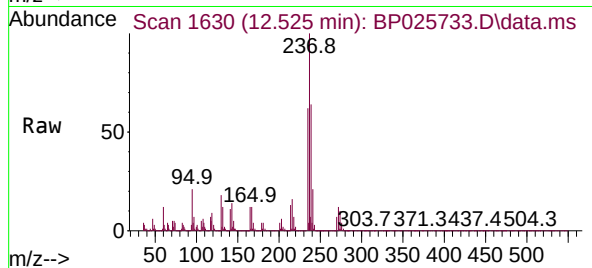
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 583660 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.4  | 62.4  | 93.6   |
| 179       | 21.3  | 17.0  | 25.6   |
| 108       | 19.1  | 15.2  | 22.8   |





#41  
Hexachlorocyclopentadiene  
Concen: 53.214 ng  
RT: 12.525 min Scan# 1630  
Delta R.T. -0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

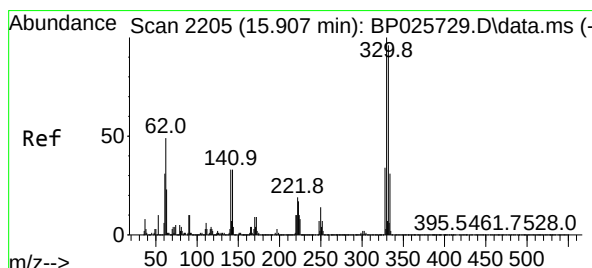
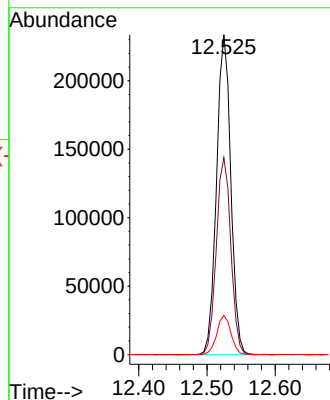
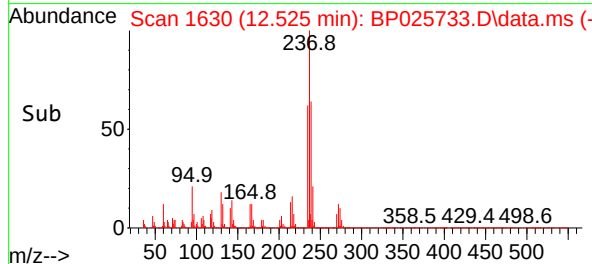
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



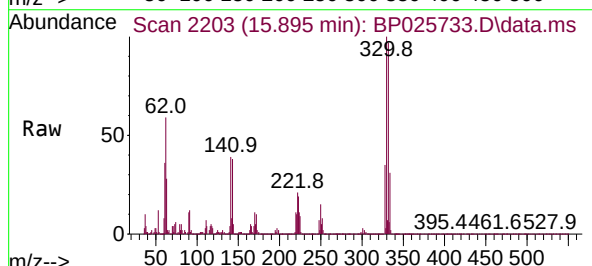
Tgt Ion: 237 Resp: 337711  
Ion Ratio Lower Upper  
237 100  
235 61.6 41.9 81.9  
272 12.2 0.0 31.8

Manual Integrations  
APPROVED

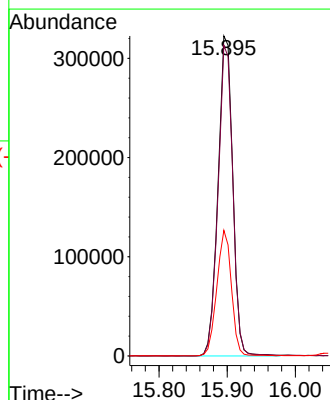
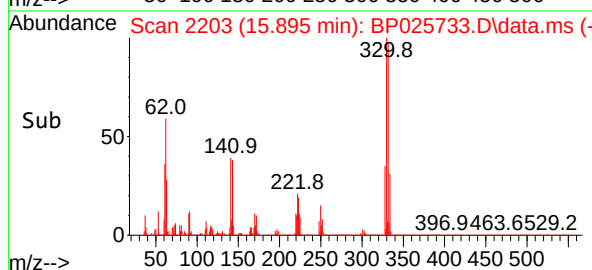
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

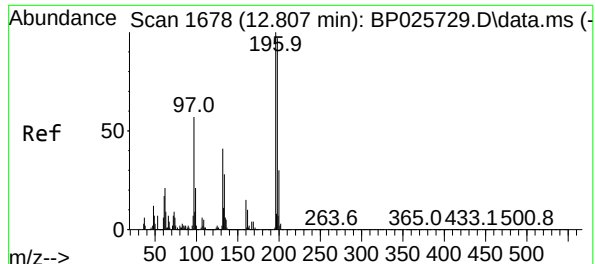


#42  
2,4,6-Tribromophenol  
Concen: 100.273 ng  
RT: 15.895 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20



Tgt Ion: 330 Resp: 480931  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.9 115.3  
141 38.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 51.389 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.018 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

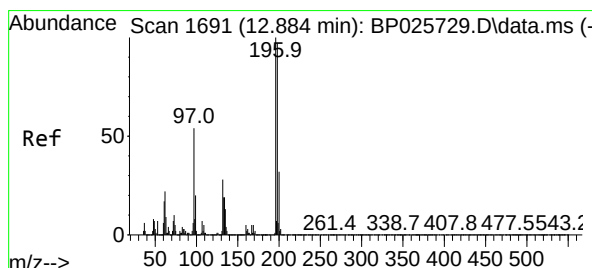
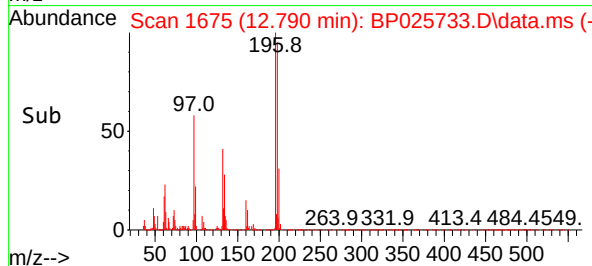
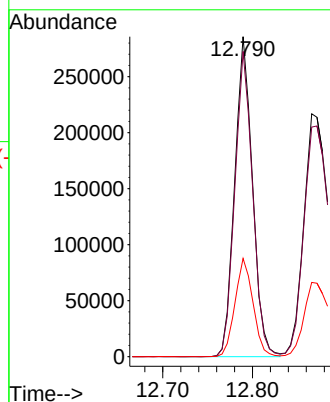
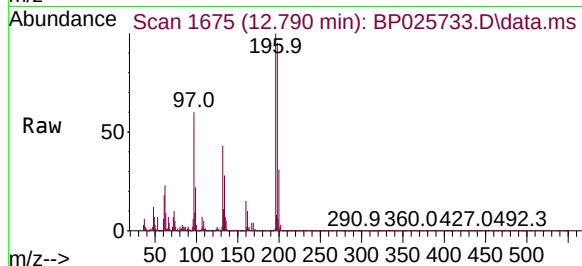
SSTDICC050

| Tgt Ion:  | 196   | Resp: | 39364 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 95.4  | 77.2  | 115.8 |
| 200       | 30.7  | 24.2  | 36.2  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 51.765 ng

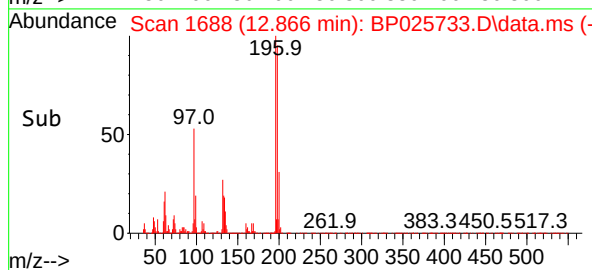
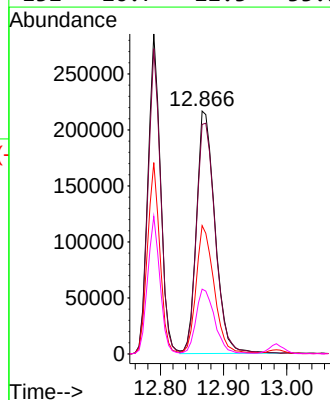
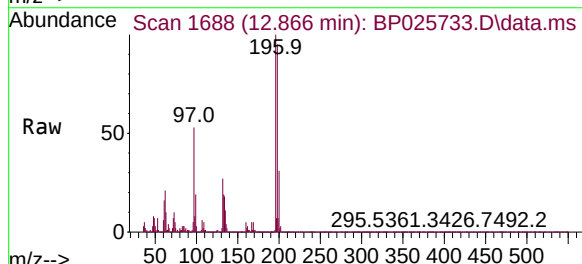
RT: 12.866 min Scan# 1688

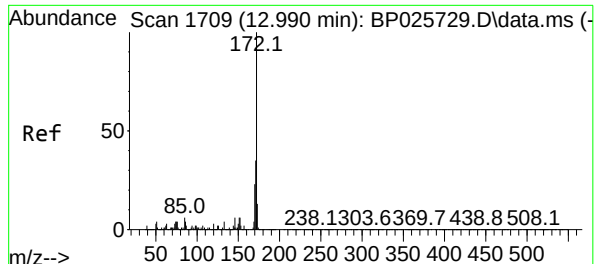
Delta R.T. -0.018 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

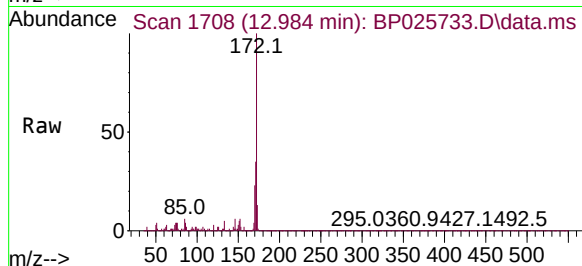
| Tgt Ion:  | 196   | Resp: | 441307 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.6  | 77.8  | 116.8  |
| 97        | 52.8  | 43.3  | 64.9   |
| 132       | 26.7  | 22.3  | 33.5   |





#45  
2-Fluorobiphenyl  
Concen: 98.461 ng  
RT: 12.984 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

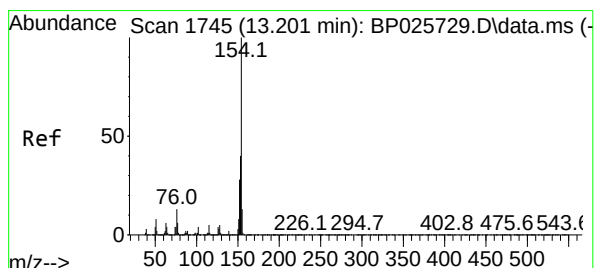
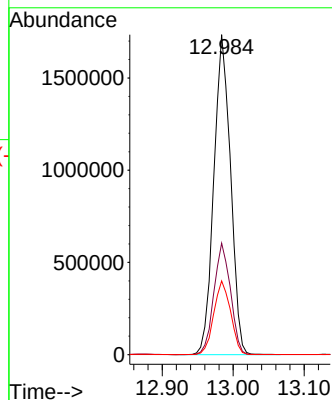
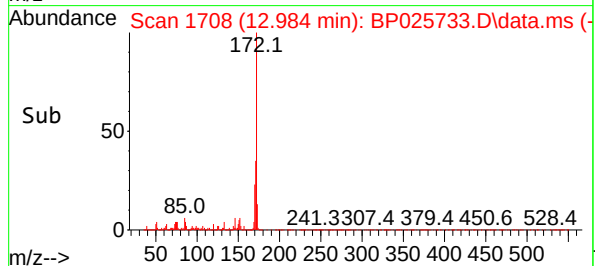
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



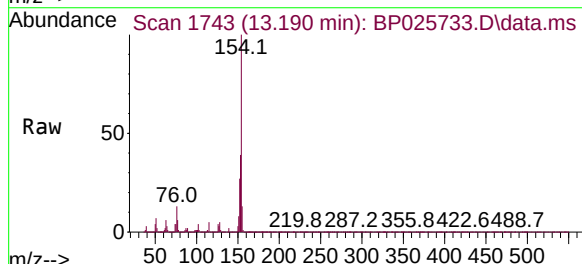
Tgt Ion:172 Resp: 2843494  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.6  
170 23.0 18.6 27.8

Manual Integrations  
APPROVED

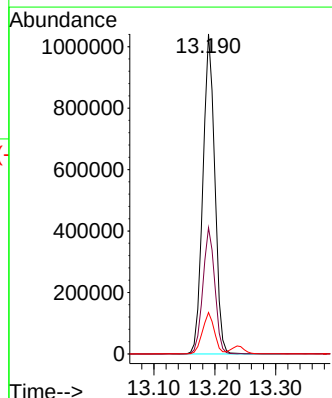
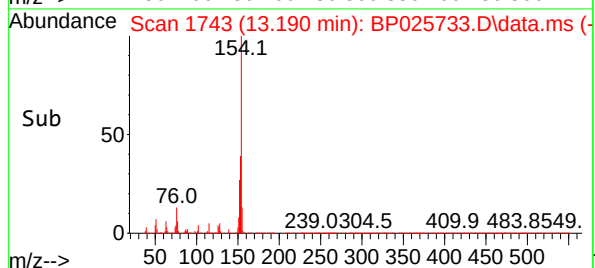
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

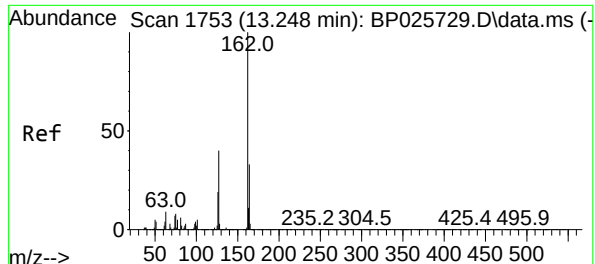


#46  
1,1'-Biphenyl  
Concen: 49.905 ng  
RT: 13.190 min Scan# 1743  
Delta R.T. -0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20



Tgt Ion:154 Resp: 1408553  
Ion Ratio Lower Upper  
154 100  
153 39.4 19.7 59.7  
76 12.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 50.347 ng

RT: 13.237 min Scan# 1751

Delta R.T. -0.012 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 1118909

Ion Ratio Lower Upper

162 100

127 41.5 32.2 48.4

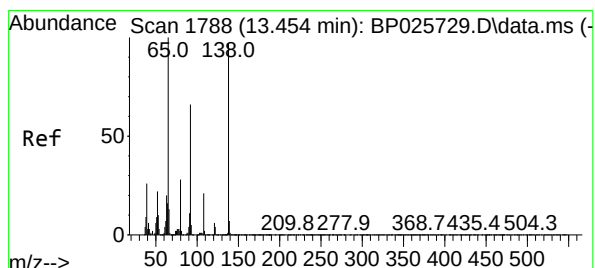
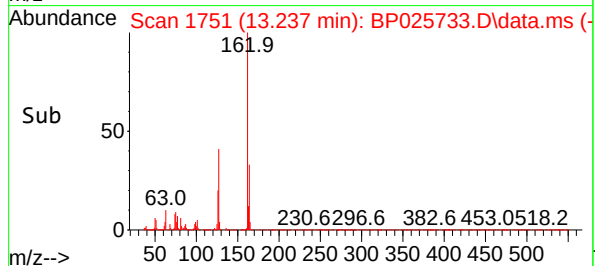
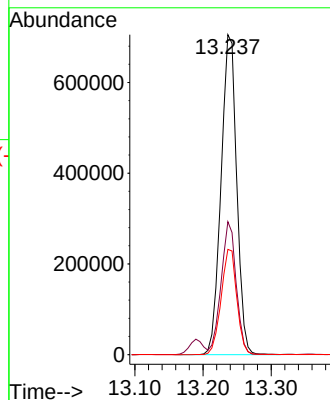
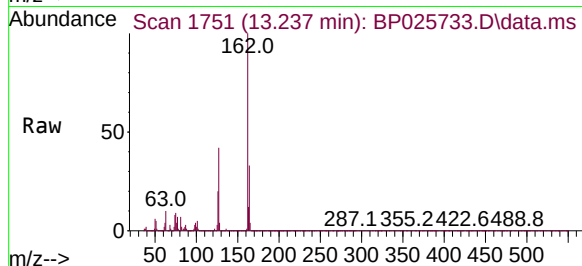
164 32.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 51.799 ng

RT: 13.448 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

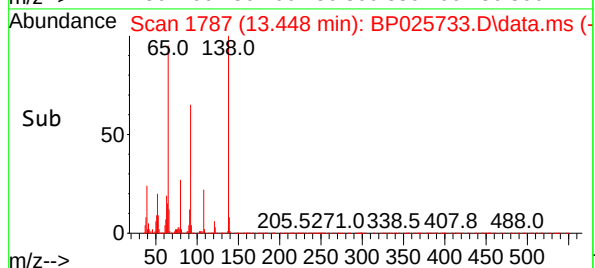
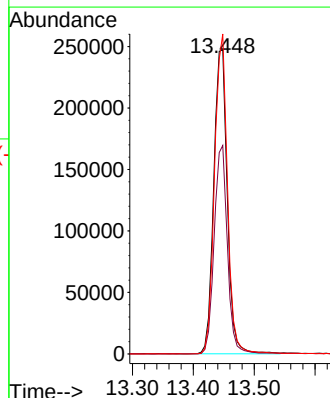
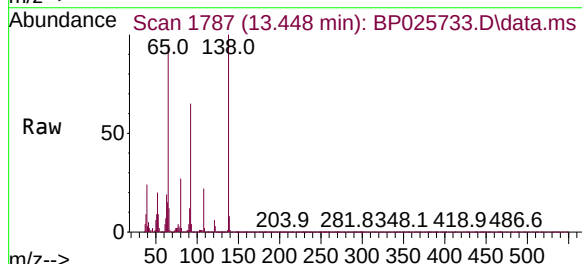
Tgt Ion: 65 Resp: 383740

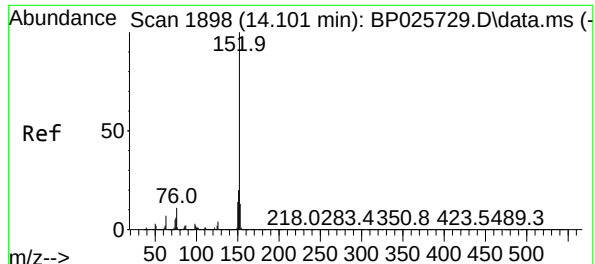
Ion Ratio Lower Upper

65 100

92 68.6 53.1 79.7

138 105.3 77.8 116.8





#49

Acenaphthylene

Concen: 49.702 ng

RT: 14.095 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 1830164

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

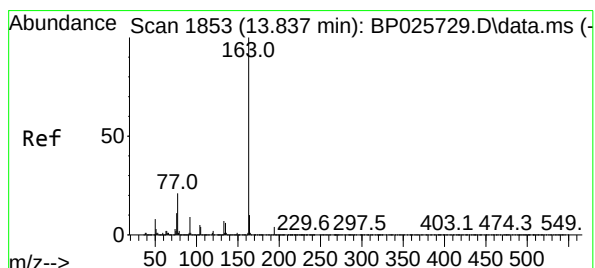
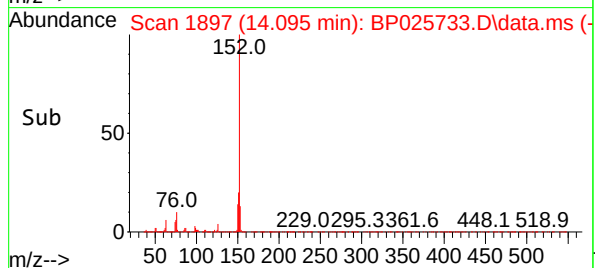
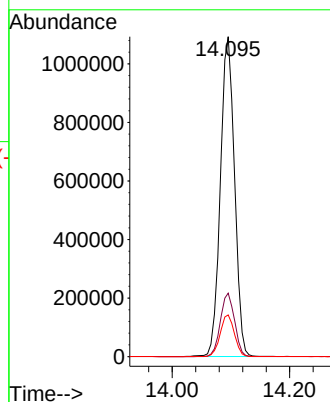
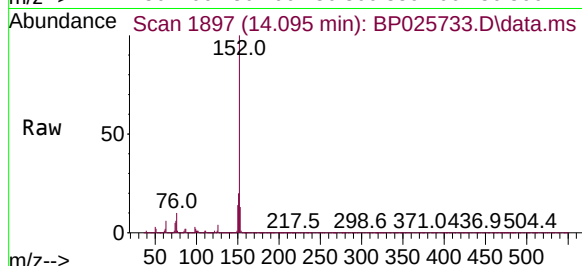
153 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 48.895 ng

RT: 13.831 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

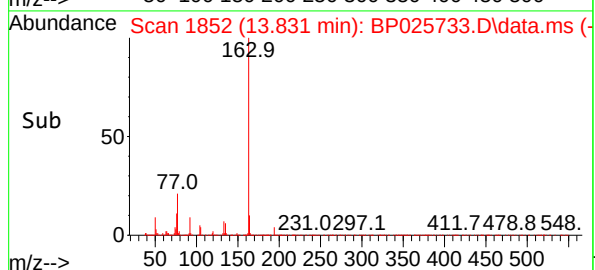
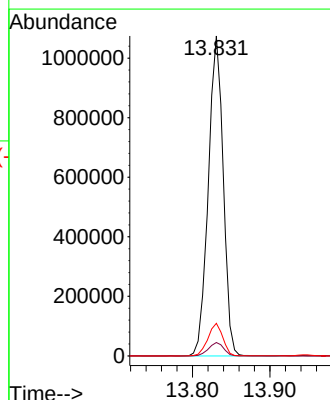
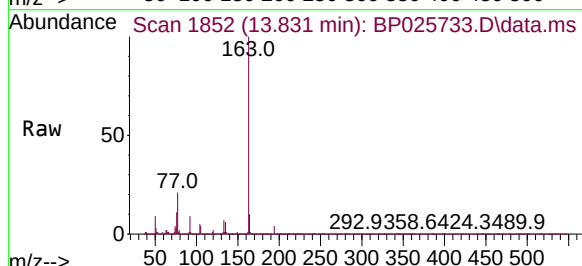
Tgt Ion:163 Resp: 1435428

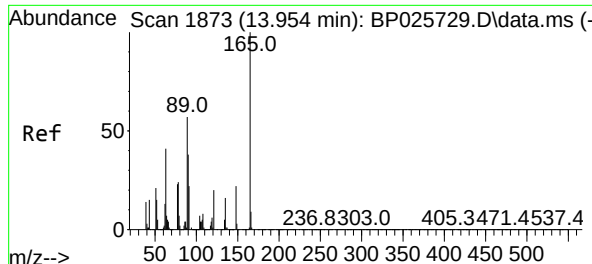
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.2 8.2 12.2





#51  
2,6-Dinitrotoluene  
Concen: 50.904 ng  
RT: 13.948 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

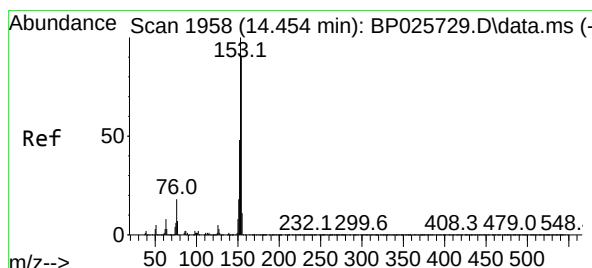
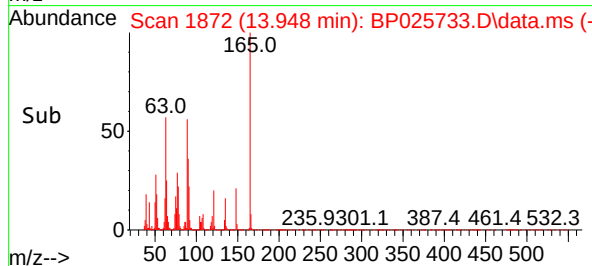
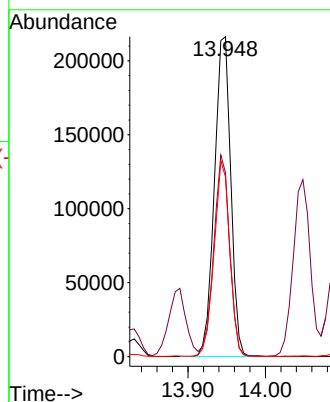
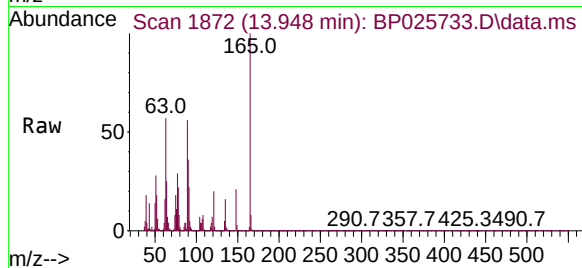
ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 316613  
Ion Ratio Lower Upper  
165 100  
63 57.5 48.1 72.1  
89 56.1 45.4 68.0

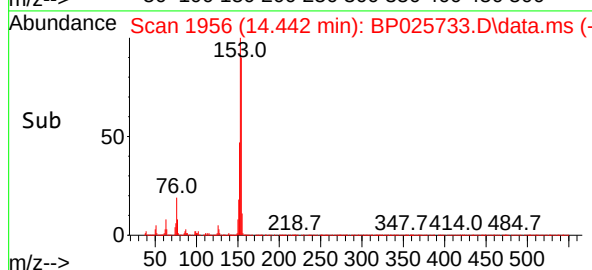
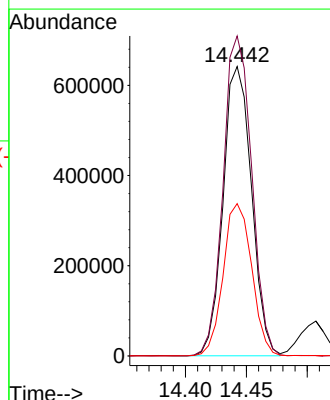
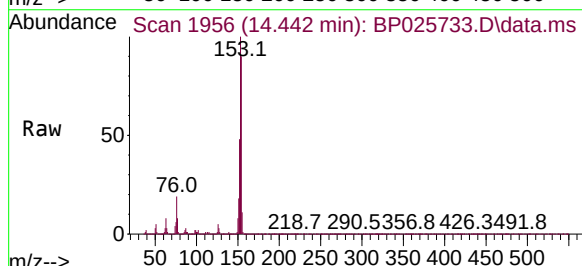
Manual Integrations  
APPROVED

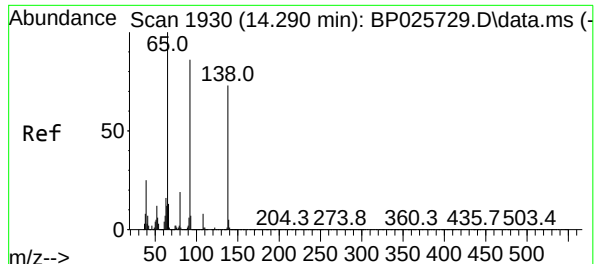
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#52  
Acenaphthene  
Concen: 49.094 ng  
RT: 14.442 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

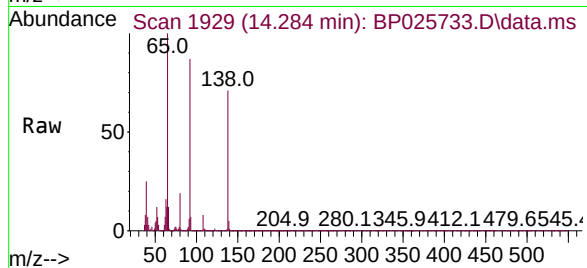
Tgt Ion:154 Resp: 1042525  
Ion Ratio Lower Upper  
154 100  
153 110.6 89.4 134.0  
152 52.6 42.5 63.7





#53  
3-Nitroaniline  
Concen: 52.561 ng  
RT: 14.284 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

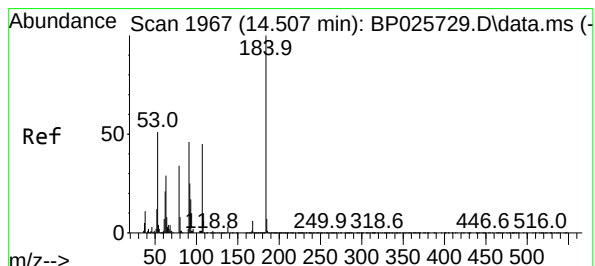
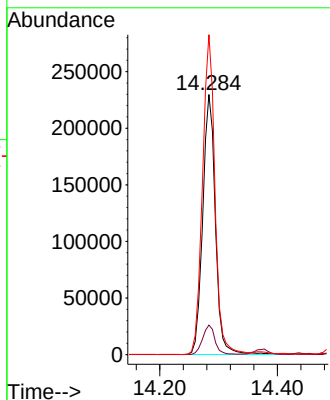
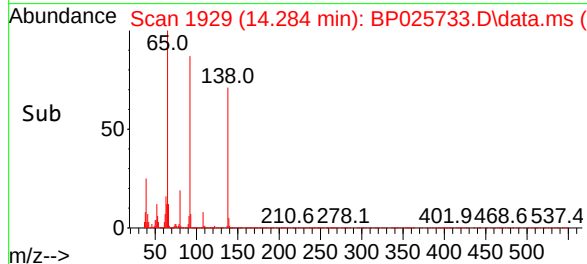
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:138 Resp: 343785  
Ion Ratio Lower Upper  
138 100  
108 11.4 8.7 13.1  
92 123.0 94.6 142.0

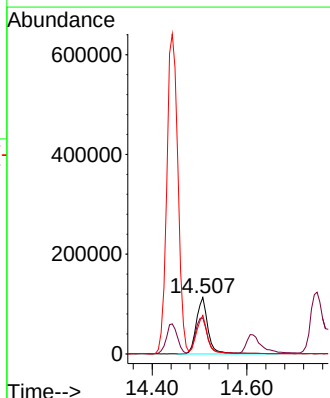
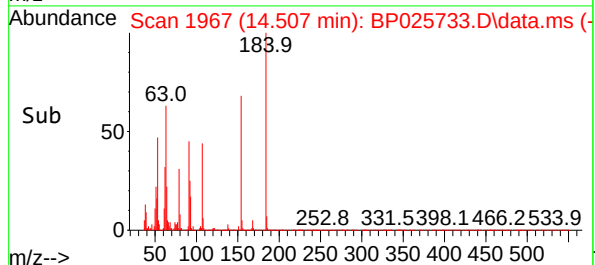
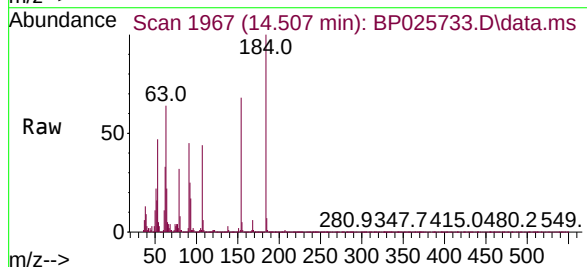
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

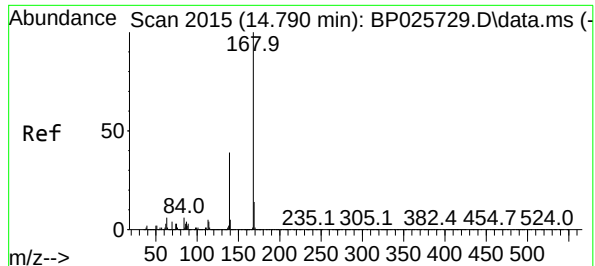


#54  
2,4-Dinitrophenol  
Concen: 49.740 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:184 Resp: 193294  
Ion Ratio Lower Upper  
184 100  
63 63.7 52.5 78.7  
154 68.1 51.5 77.3







#55

Dibenzenofuran

Concen: 49.045 ng

RT: 14.784 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 1697428

Ion Ratio Lower Upper

168 100

139 37.9 31.7 47.5

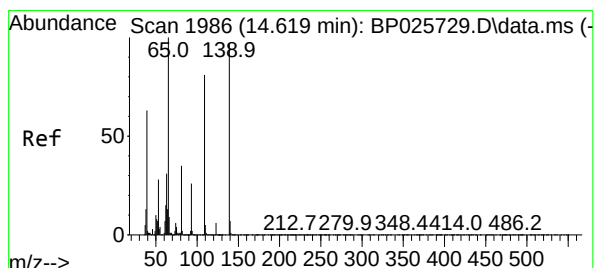
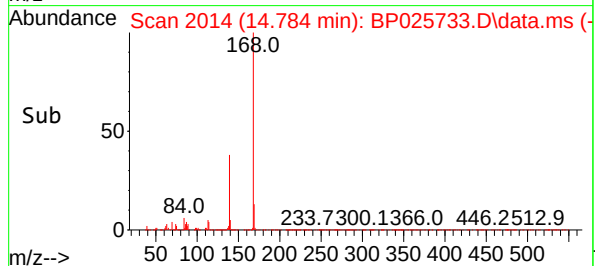
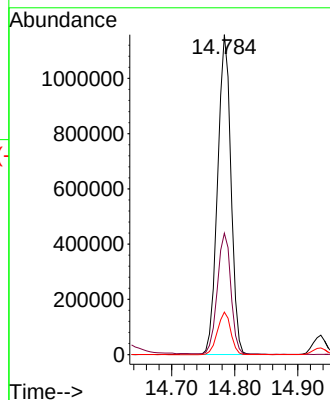
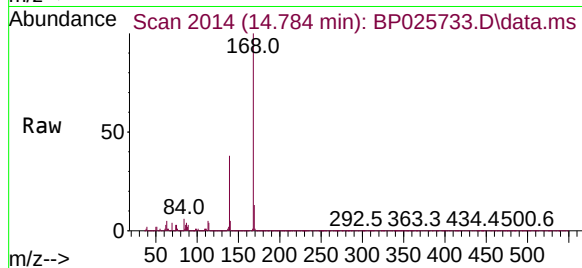
169 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#56

4-Nitrophenol

Concen: 48.388 ng

RT: 14.613 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

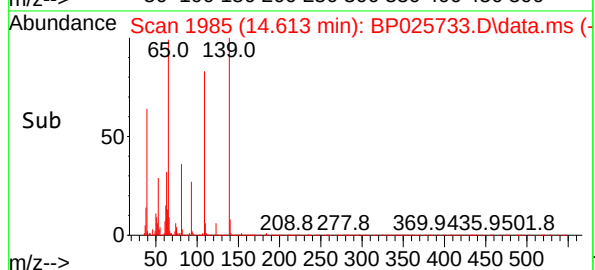
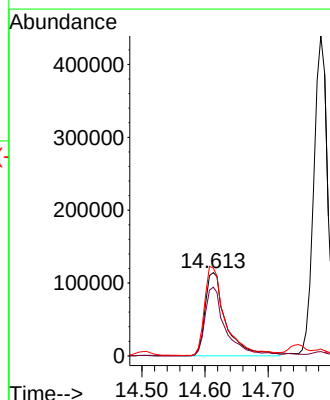
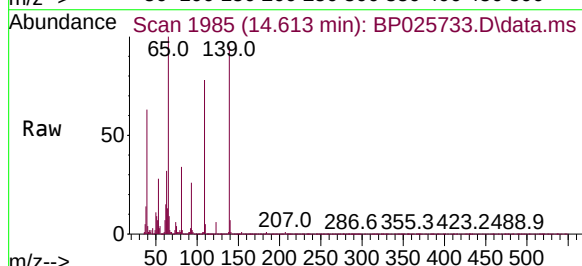
Tgt Ion:139 Resp: 261984

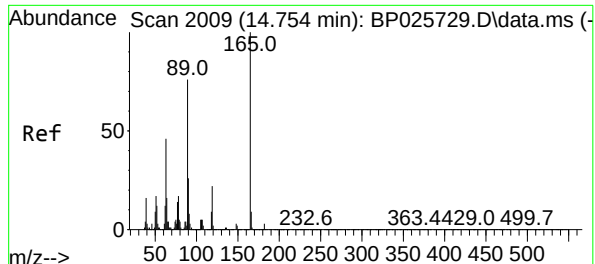
Ion Ratio Lower Upper

139 100

109 82.6 62.9 102.9

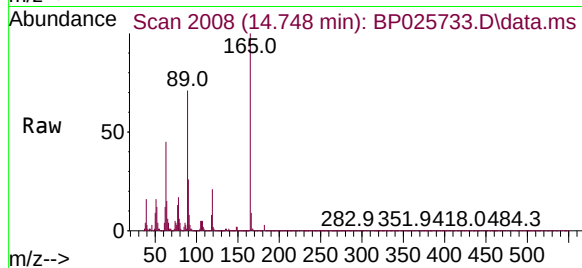
65 105.5 83.4 123.4





#57  
2,4-Dinitrotoluene  
Concen: 52.562 ng  
RT: 14.748 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

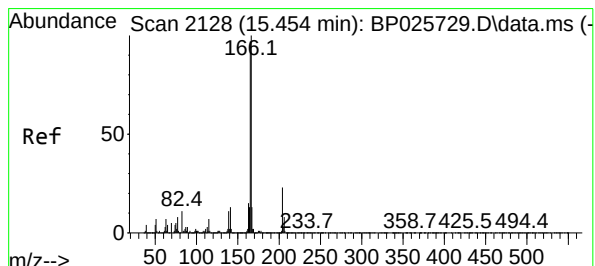
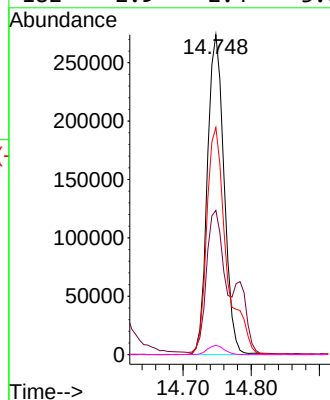
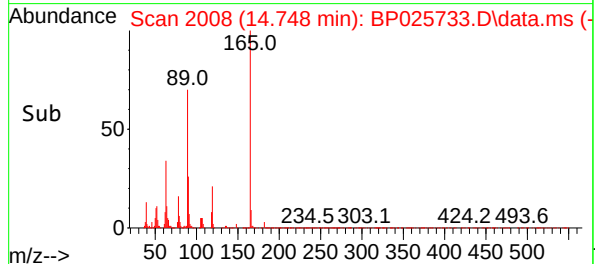
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:165 Resp: 465265  
Ion Ratio Lower Upper  
165 100  
63 45.1 37.7 56.5  
89 71.0 61.0 91.6  
182 2.9 2.4 3.6

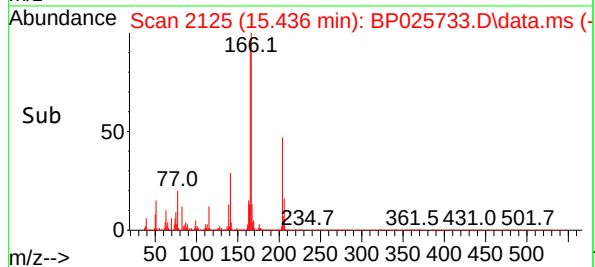
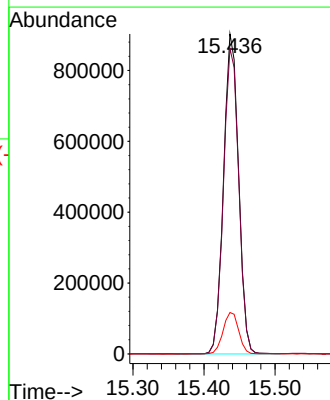
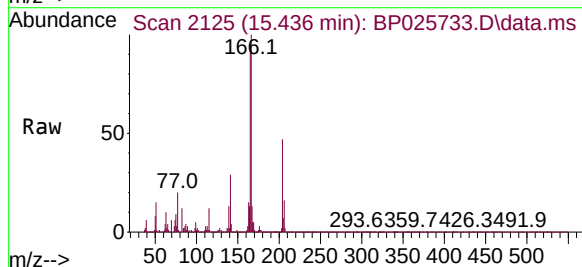
Manual Integrations  
APPROVED

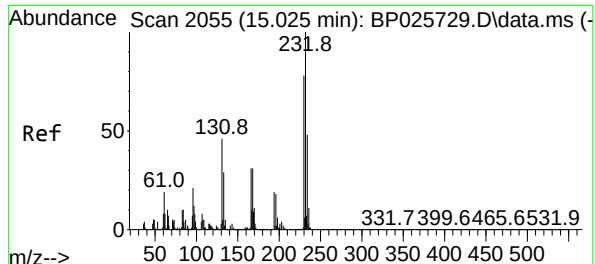
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#58  
Fluorene  
Concen: 48.387 ng  
RT: 15.436 min Scan# 2125  
Delta R.T. -0.018 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:166 Resp: 1331644  
Ion Ratio Lower Upper  
166 100  
165 95.4 77.7 116.5  
167 12.9 10.6 16.0





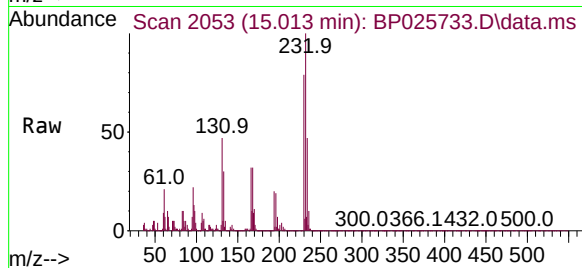
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.625 ng  
RT: 15.013 min Scan# 2053  
Delta R.T. -0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

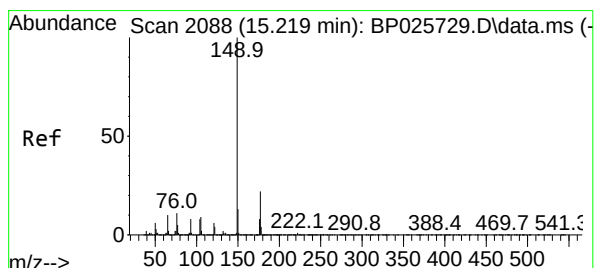
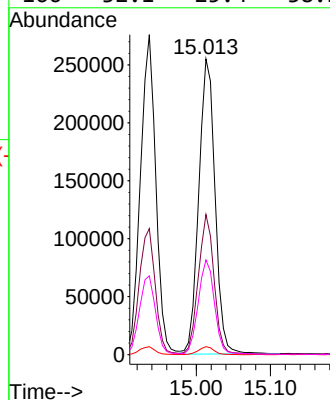
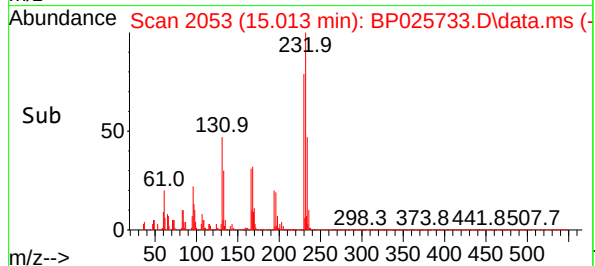


Tgt Ion:232 Resp: 388785  
Ion Ratio Lower Upper  
232 100  
131 45.7 36.7 55.1  
130 2.5 2.0 3.0  
166 32.1 25.4 38.2

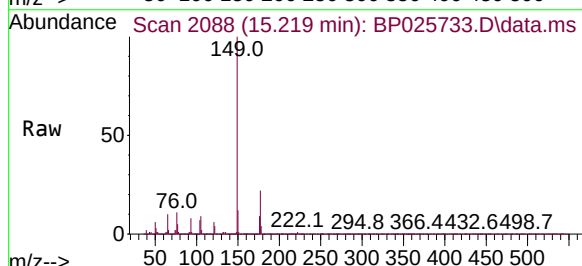
Manual Integrations

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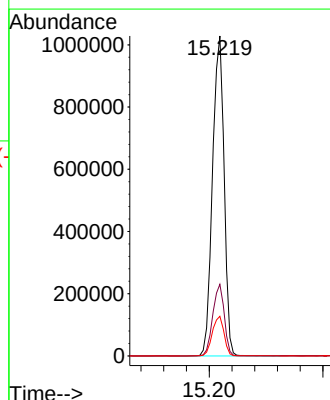
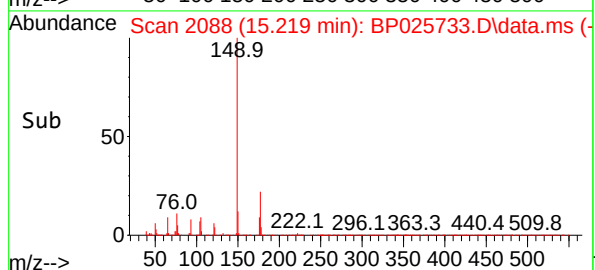
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

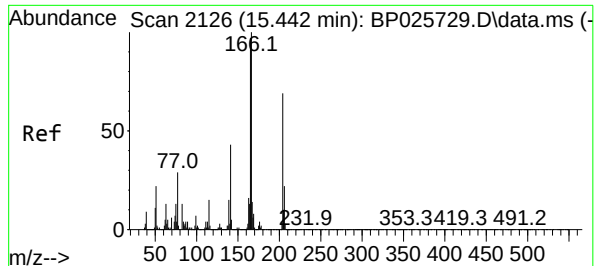


#60  
Diethylphthalate  
Concen: 49.018 ng  
RT: 15.219 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20



Tgt Ion:149 Resp: 1459705  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.7 26.5  
150 12.4 10.0 15.0





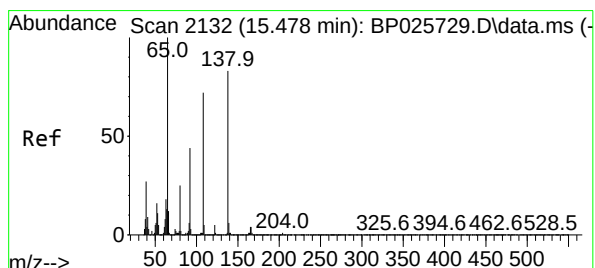
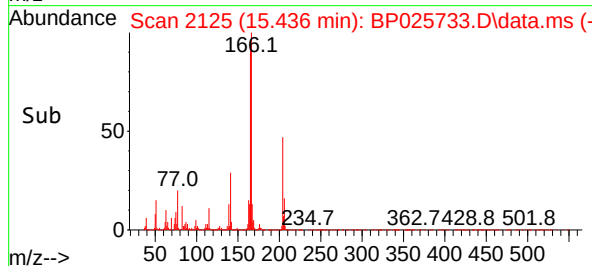
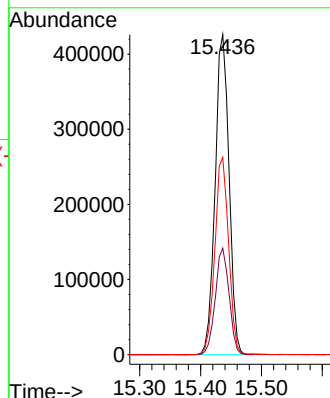
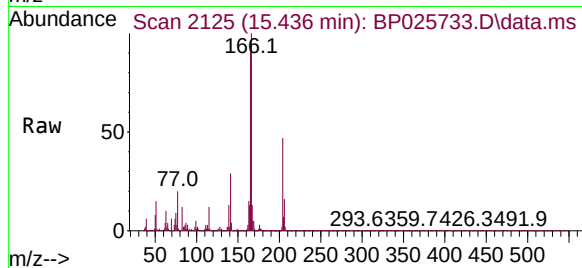
#61  
4-Chlorophenyl-phenylether  
Concen: 48.790 ng  
RT: 15.436 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:204 Resp: 676700  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.0 39.0  
141 61.6 49.7 74.5

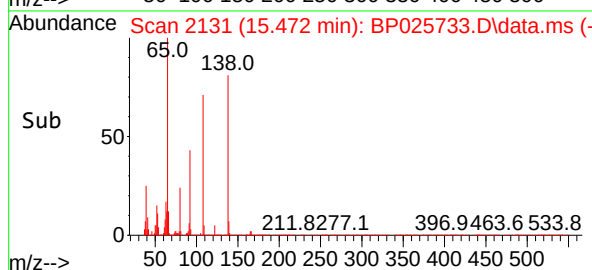
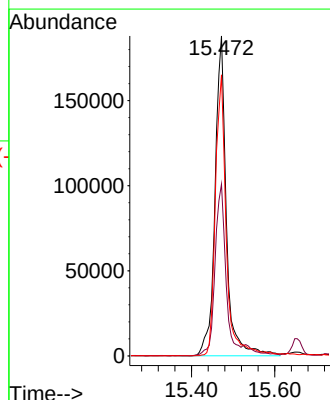
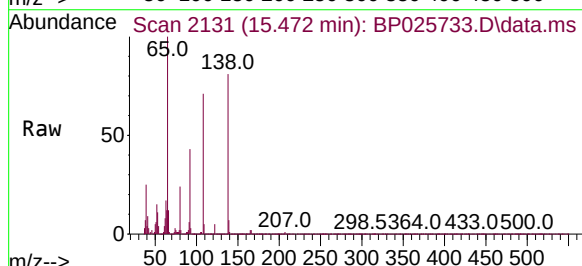
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APPROVED

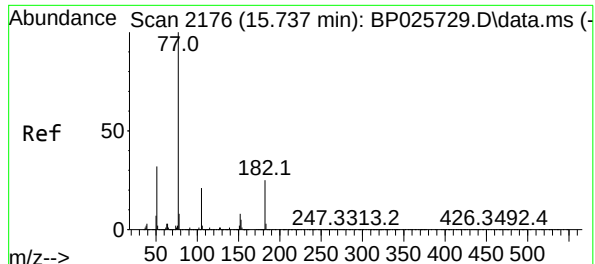
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#62  
4-Nitroaniline  
Concen: 53.605 ng  
RT: 15.472 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

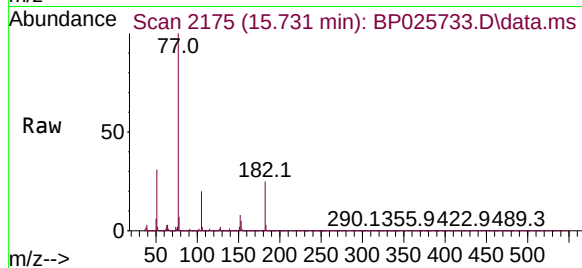
Tgt Ion:138 Resp: 358915  
Ion Ratio Lower Upper  
138 100  
92 53.7 33.3 73.3  
108 87.8 66.7 106.7





#63  
Azobenzene  
Concen: 50.428 ng  
RT: 15.731 min Scan# 2176  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

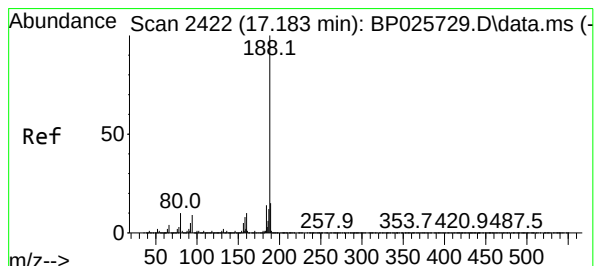
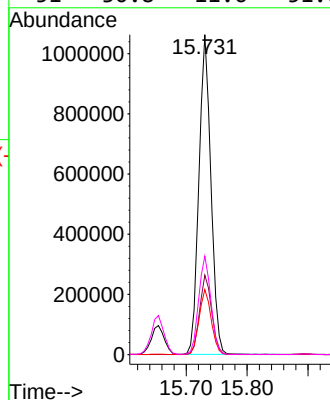
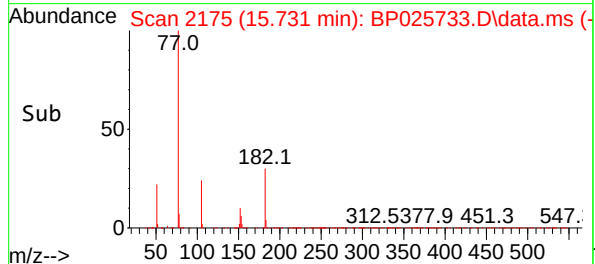
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 77 Resp: 1452024  
Ion Ratio Lower Upper  
77 100  
182 24.8 5.2 45.2  
105 20.3 1.1 41.1  
51 30.8 11.6 51.6

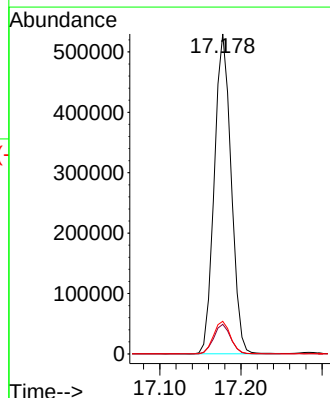
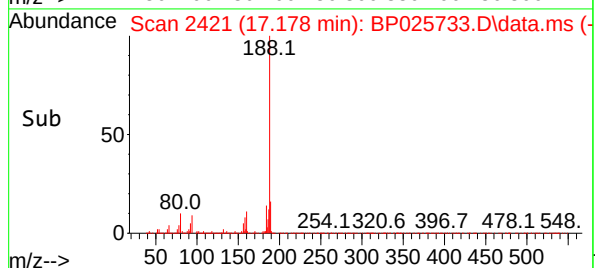
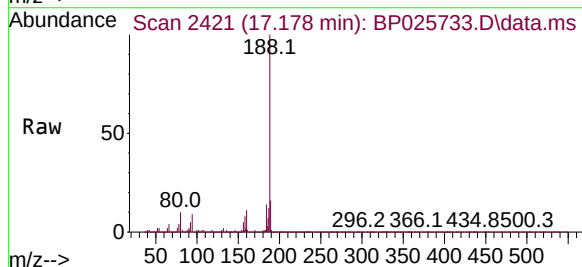
Manual Integrations  
APPROVED

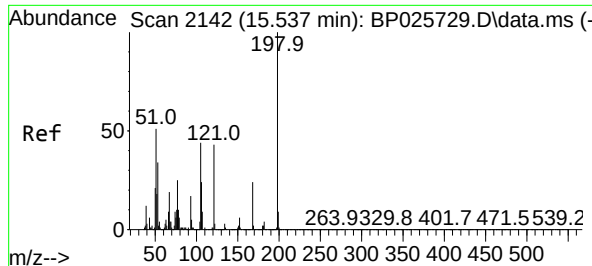
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.178 min Scan# 2421  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:188 Resp: 764105  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.4 11.0  
80 10.2 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 53.609 ng

RT: 15.531 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:198 Resp: 272418

Ion Ratio Lower Upper

198 100

51 50.9 33.4 73.4

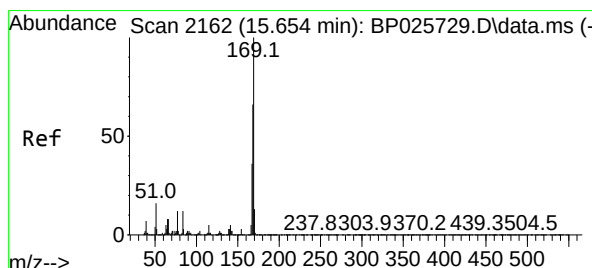
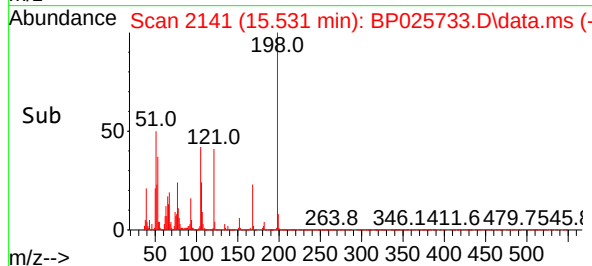
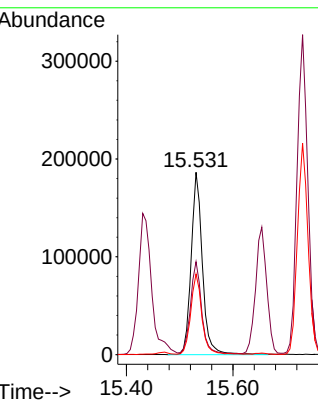
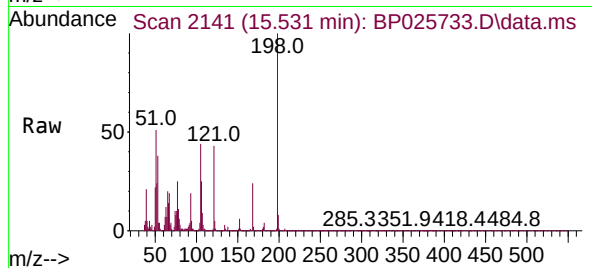
105 44.2 24.3 64.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 51.304 ng

RT: 15.654 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

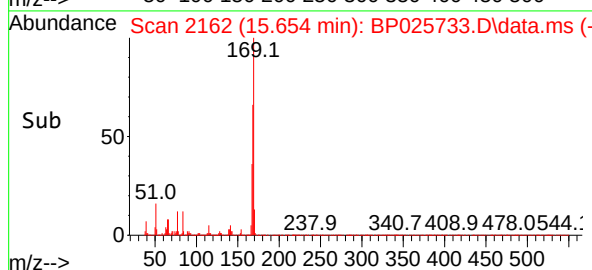
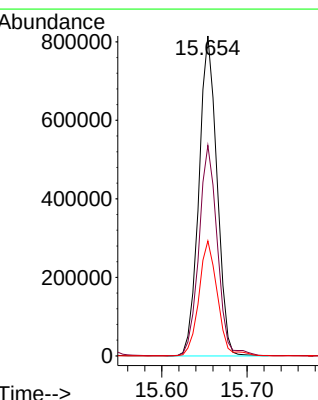
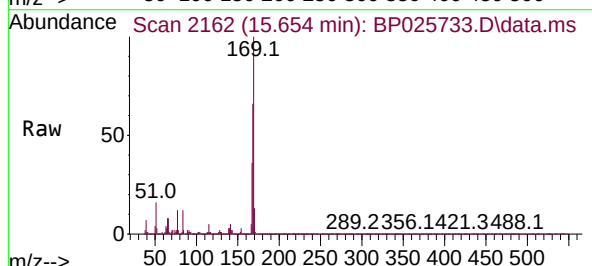
Tgt Ion:169 Resp: 1199673

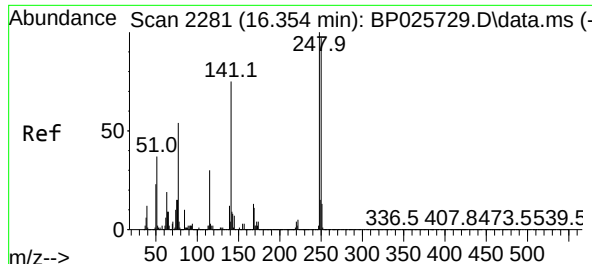
Ion Ratio Lower Upper

169 100

168 65.8 52.6 78.8

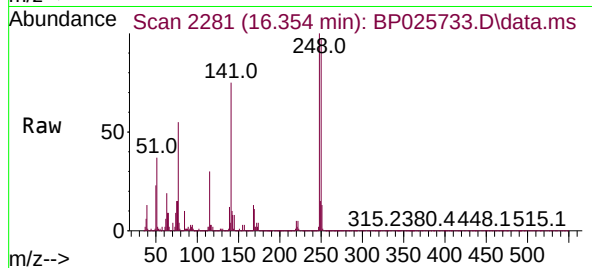
167 35.9 28.5 42.7





#67  
4-Bromophenyl-phenylether  
Concen: 51.458 ng  
RT: 16.354 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

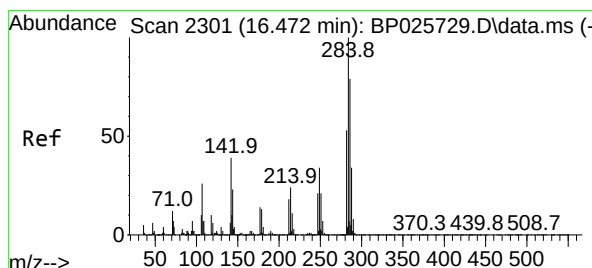
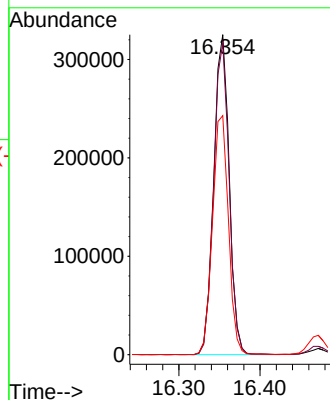
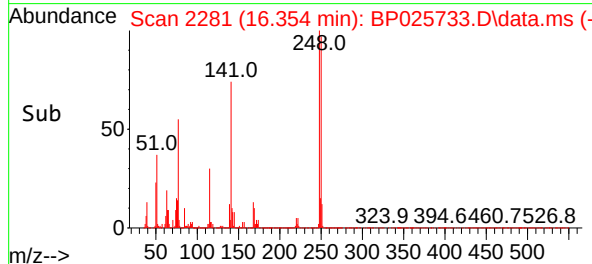
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:248 Resp: 431960  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.5 116.3  
141 74.7 60.2 90.4

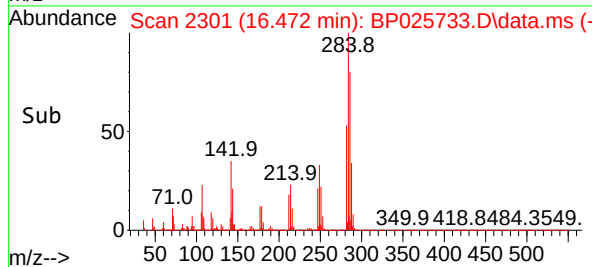
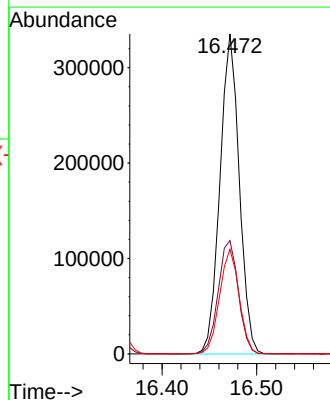
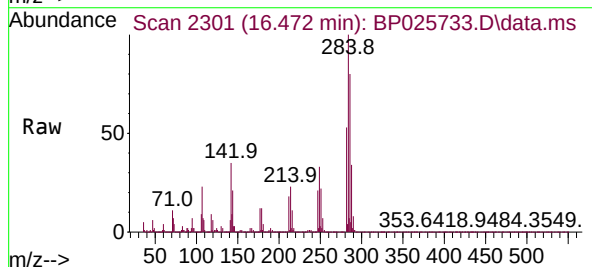
Manual Integrations  
APPROVED

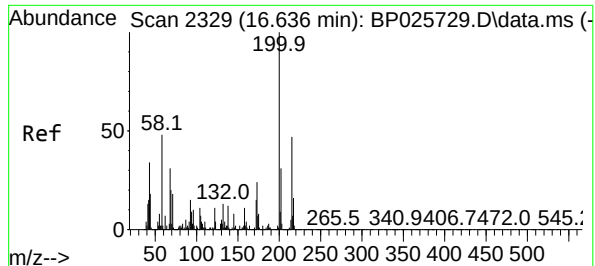
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#68  
Hexachlorobenzene  
Concen: 50.667 ng  
RT: 16.472 min Scan# 2301  
Delta R.T. -0.000 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

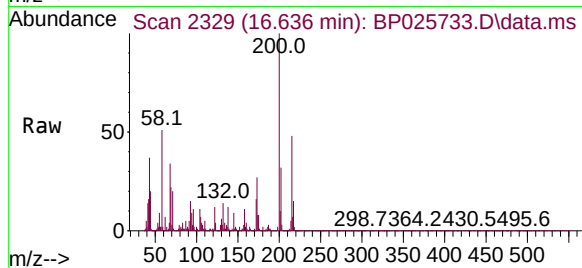
Tgt Ion:284 Resp: 474297  
Ion Ratio Lower Upper  
284 100  
142 35.4 31.3 46.9  
249 32.7 27.3 40.9





#69  
Atrazine  
Concen: 51.256 ng  
RT: 16.636 min Scan# 2329  
Delta R.T. -0.000 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

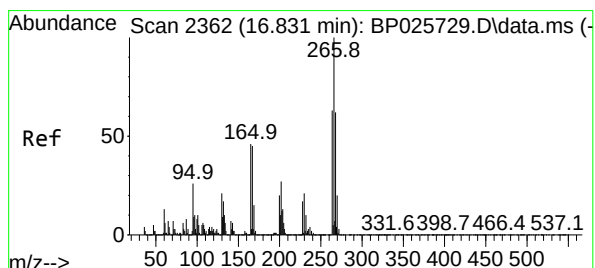
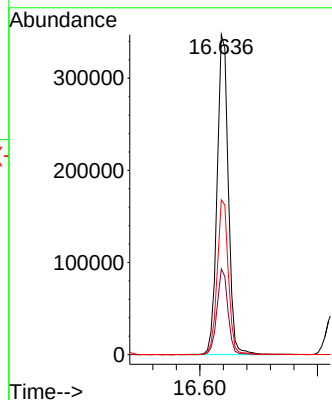
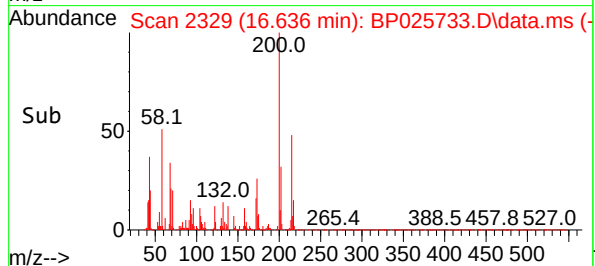
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:200 Resp: 458144  
Ion Ratio Lower Upper  
200 100  
173 26.8 4.2 44.2  
215 48.4 27.3 67.3

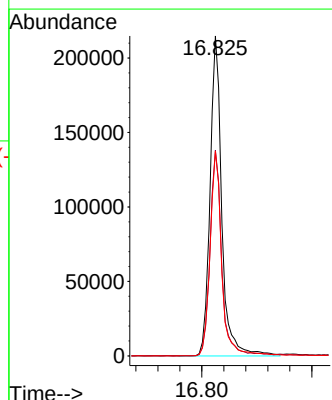
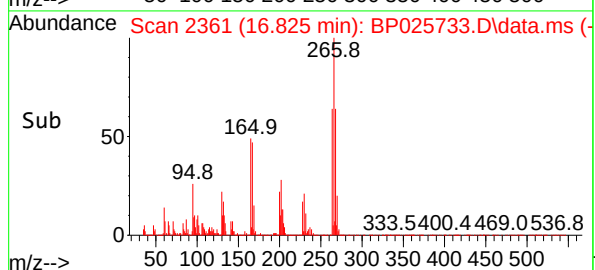
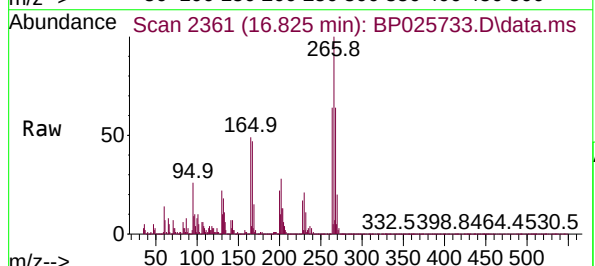
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

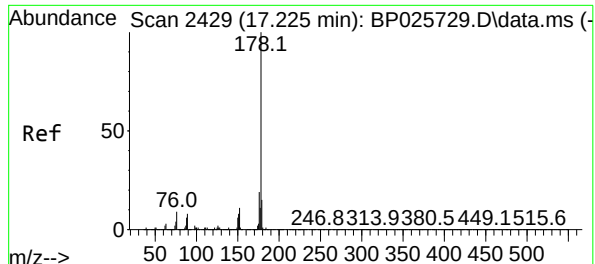


#70  
Pentachlorophenol  
Concen: 51.487 ng  
RT: 16.825 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:266 Resp: 318100  
Ion Ratio Lower Upper  
266 100  
268 64.3 49.8 74.8  
264 63.9 50.2 75.2

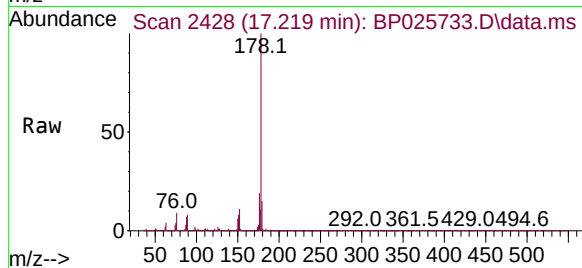






#71  
Phenanthrene  
Concen: 49.858 ng  
RT: 17.219 min Scan# 2428  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

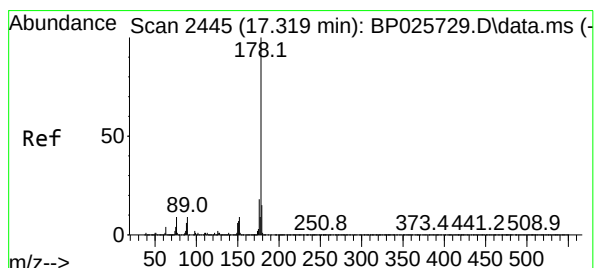
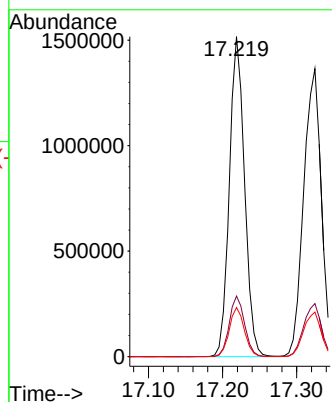
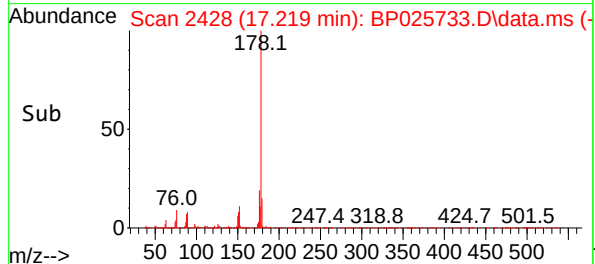
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:178 Resp: 2161060  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.2  
179 15.3 12.2 18.4

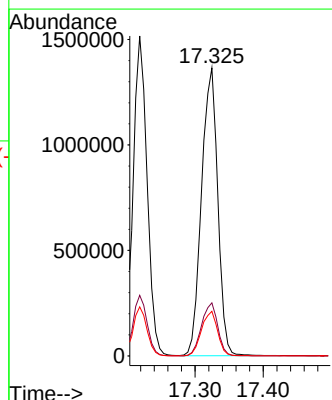
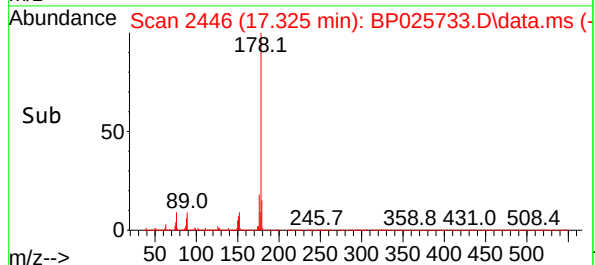
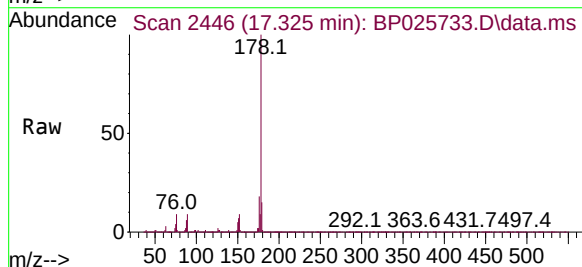
Manual Integrations  
APPROVED

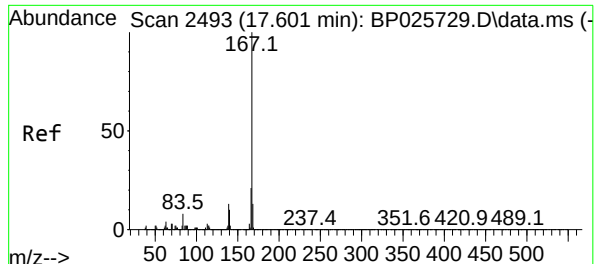
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#72  
Anthracene  
Concen: 51.395 ng  
RT: 17.325 min Scan# 2446  
Delta R.T. 0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

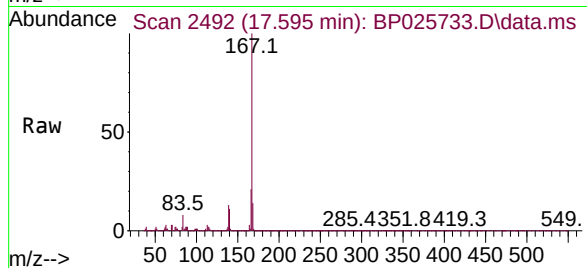
Tgt Ion:178 Resp: 2260277  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.5 12.2 18.4





#73  
Carbazole  
Concen: 51.629 ng  
RT: 17.595 min Scan# 2492  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

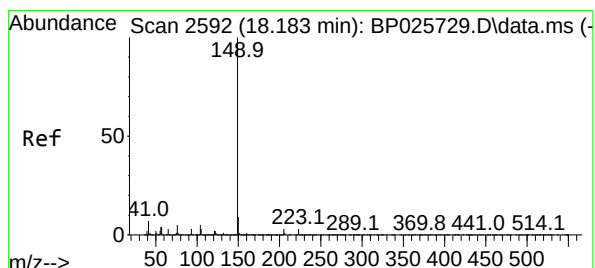
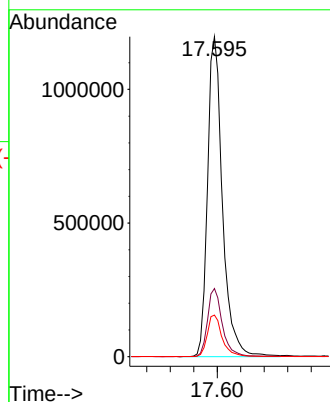
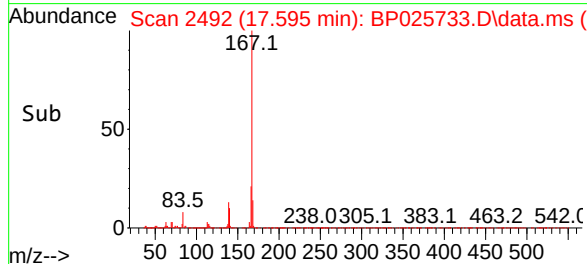
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:167 Resp: 2110925  
Ion Ratio Lower Upper  
167 100  
166 21.3 17.0 25.4  
139 13.0 10.6 16.0

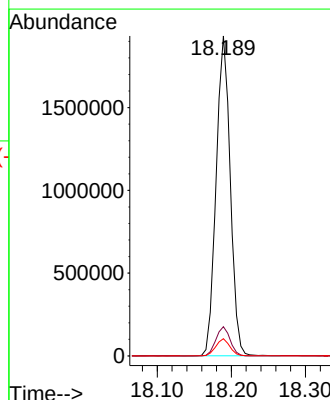
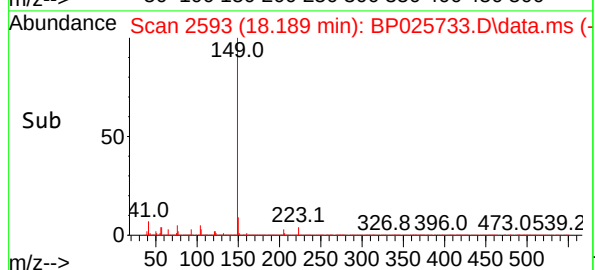
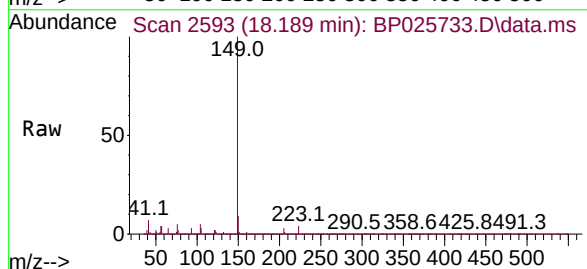
Manual Integrations  
APPROVED

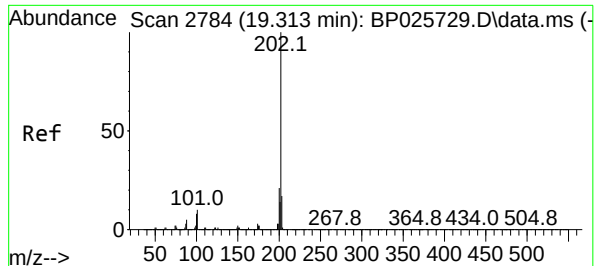
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#74  
Di-n-butylphthalate  
Concen: 50.995 ng  
RT: 18.189 min Scan# 2593  
Delta R.T. 0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

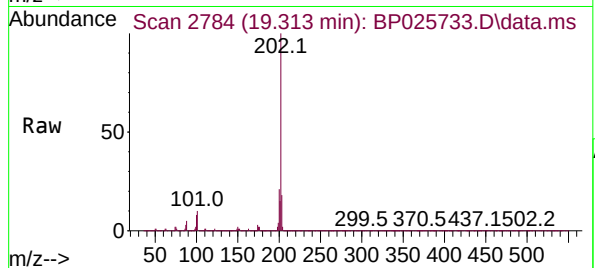
Tgt Ion:149 Resp: 2558689  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.4 11.0  
104 5.4 4.3 6.5





#75  
Fluoranthene  
Concen: 49.638 ng  
RT: 19.313 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

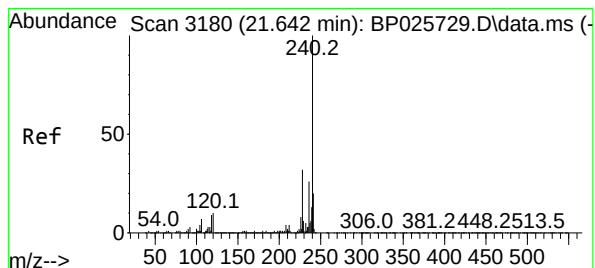
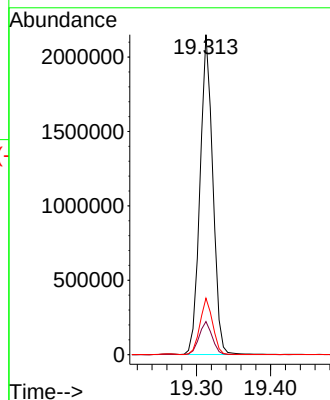
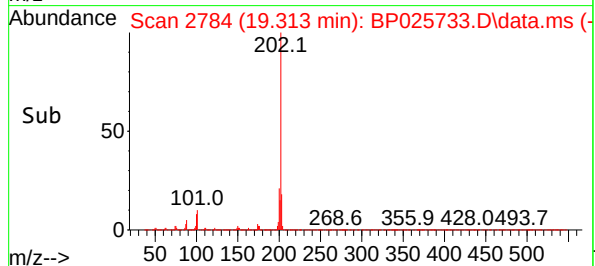
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:202 Resp: 2580366  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.4  
203 17.6 0.0 37.4

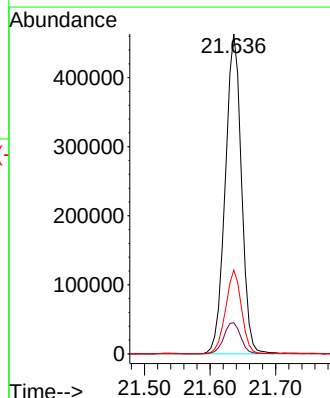
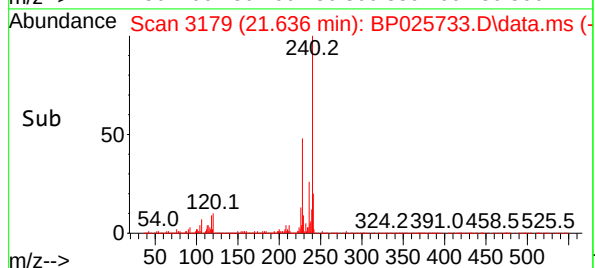
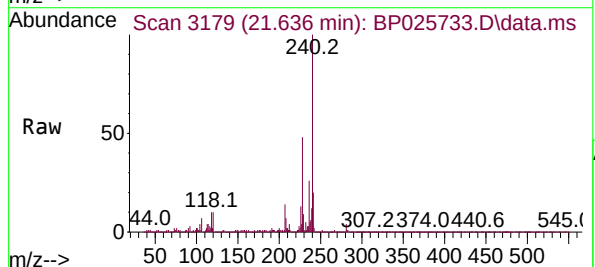
Manual Integrations  
APPROVED

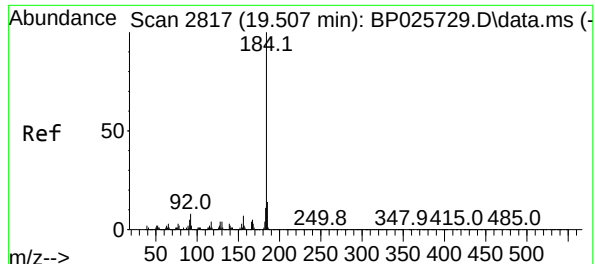
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3179  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

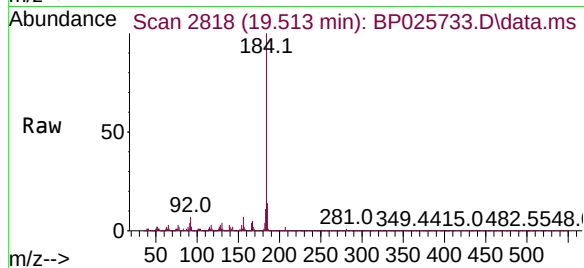
Tgt Ion:240 Resp: 796095  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.0 12.0  
236 26.2 20.7 31.1





#77  
Benzidine  
Concen: 54.762 ng  
RT: 19.513 min Scan# 2818  
Delta R.T. 0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

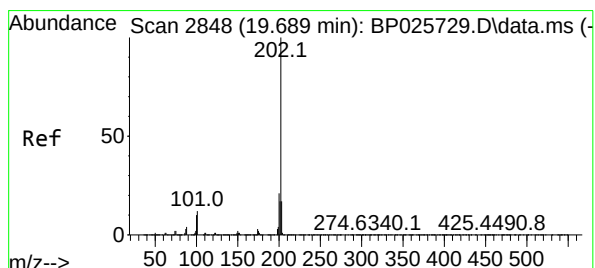
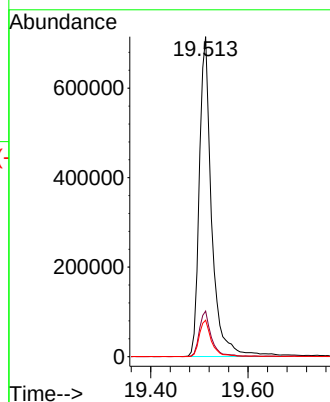
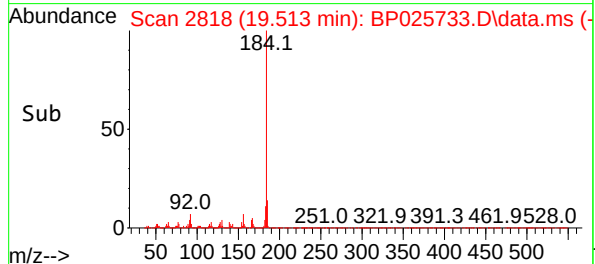
Instrument :  
BNA\_P  
Client Sample Id :  
SSTDICC050



Tgt Ion:184 Resp: 1255790  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.4 9.2 13.8

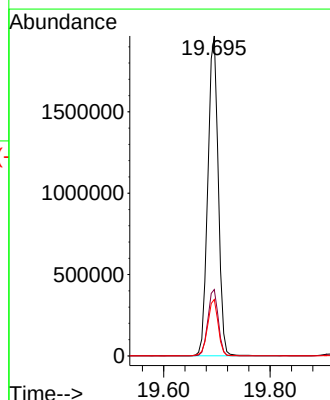
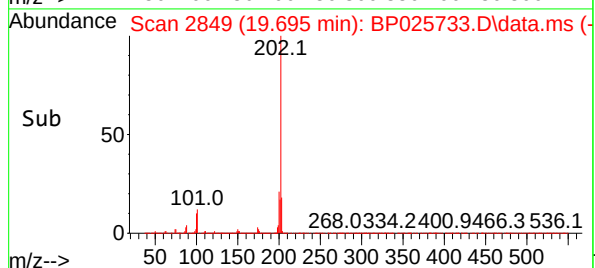
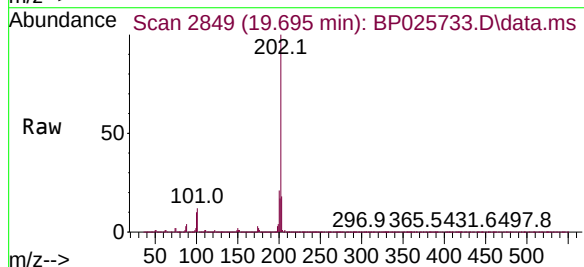
Manual Integrations  
APPROVED

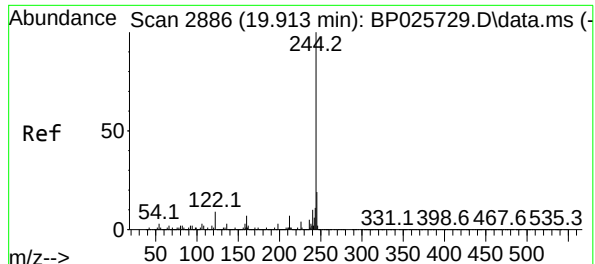
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#78  
Pyrene  
Concen: 50.083 ng  
RT: 19.695 min Scan# 2849  
Delta R.T. 0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

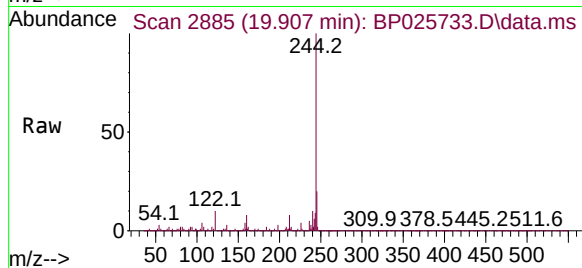
Tgt Ion:202 Resp: 2660397  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.0 25.6  
203 17.6 13.9 20.9





#79  
Terphenyl-d14  
Concen: 99.962 ng  
RT: 19.907 min Scan# 2886  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

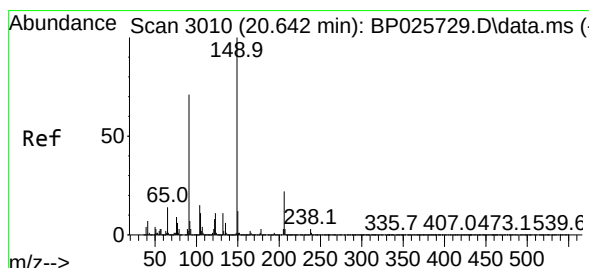
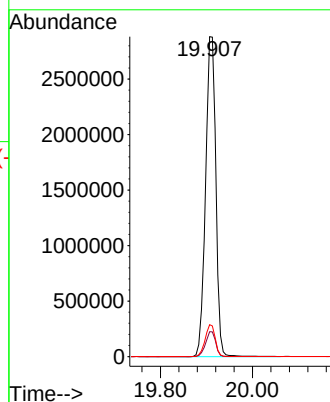
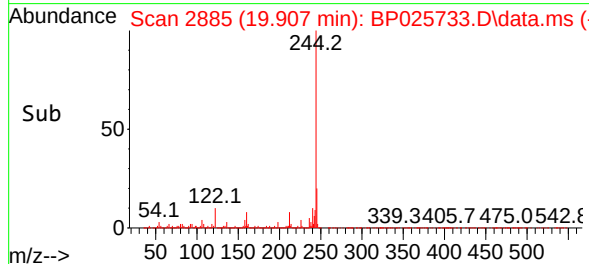
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:244 Resp: 4423586  
Ion Ratio Lower Upper  
244 100  
212 7.8 5.9 8.9  
122 10.0 7.1 10.7

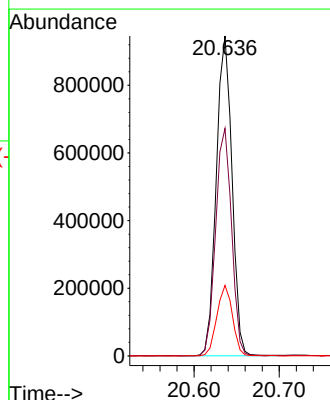
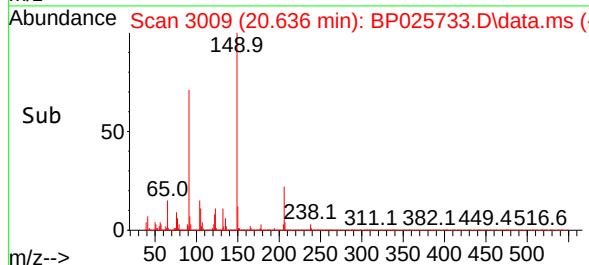
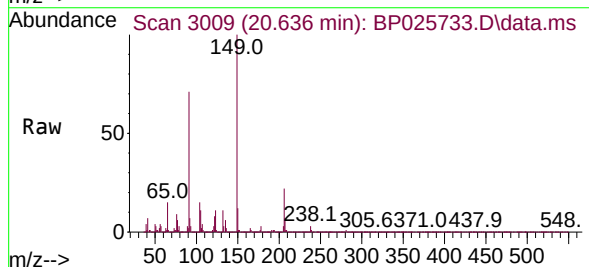
Manual Integrations  
APPROVED

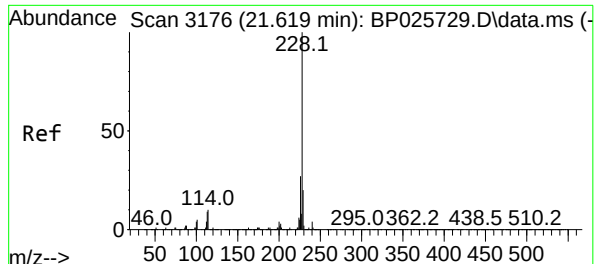
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#80  
Butylbenzylphthalate  
Concen: 51.926 ng  
RT: 20.636 min Scan# 3009  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

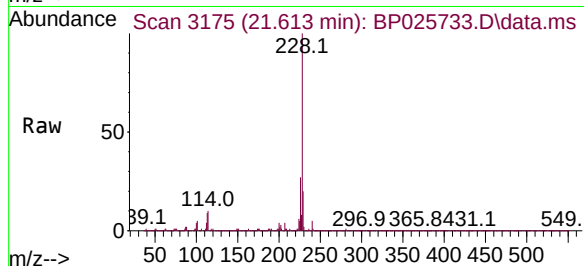
Tgt Ion:149 Resp: 1209410  
Ion Ratio Lower Upper  
149 100  
91 71.1 56.6 85.0  
206 22.0 17.4 26.0





#81  
Benzo(a)anthracene  
Concen: 50.315 ng  
RT: 21.613 min Scan# 3175  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

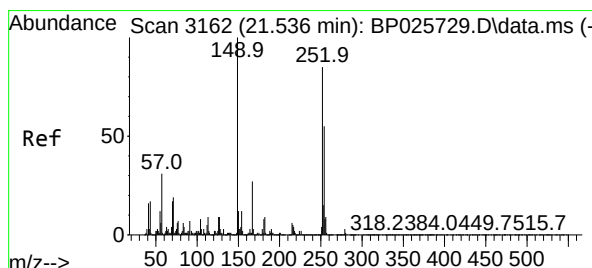
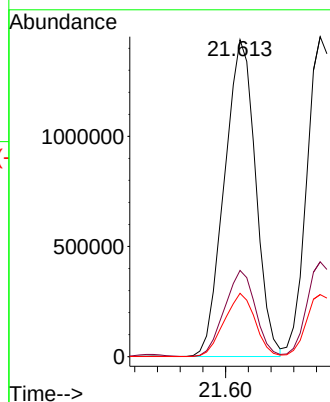
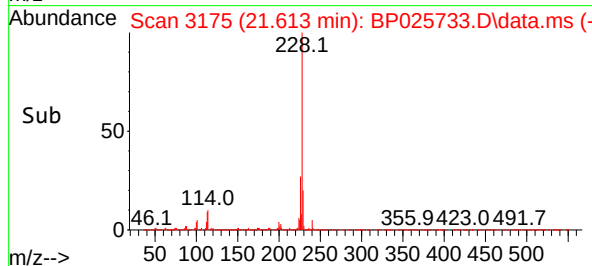
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 2742275  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.6 32.4  
229 20.0 15.7 23.5

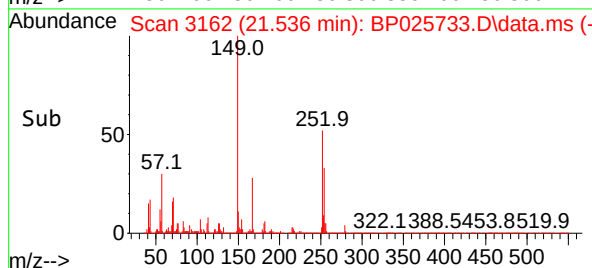
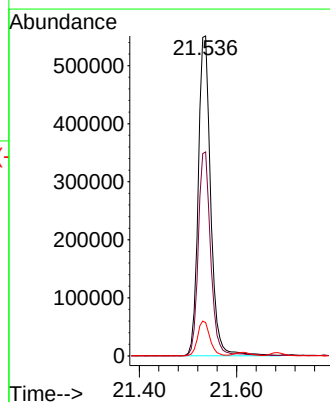
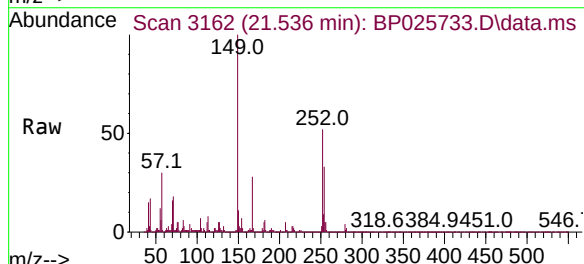
Manual Integrations  
APPROVED

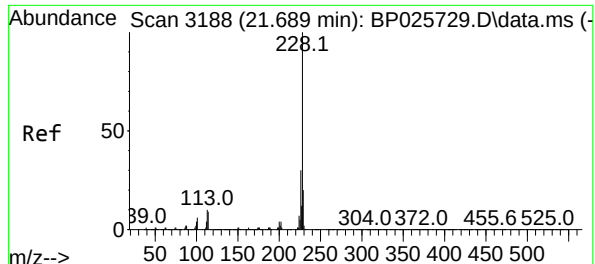
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 51.559 ng  
RT: 21.536 min Scan# 3162  
Delta R.T. -0.000 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

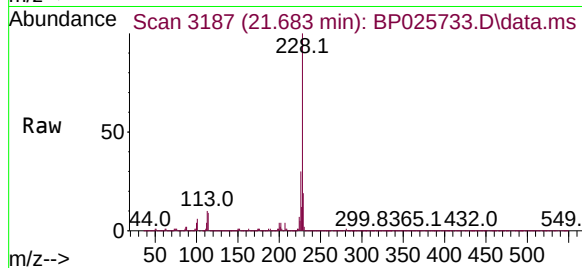
Tgt Ion:252 Resp: 971634  
Ion Ratio Lower Upper  
252 100  
254 63.7 51.4 77.0  
126 10.4 8.3 12.5





#83  
Chrysene  
Concen: 50.434 ng  
RT: 21.683 min Scan# 3187  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

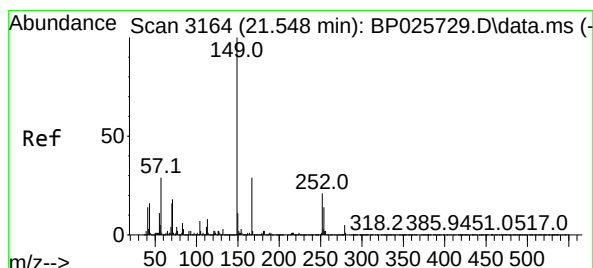
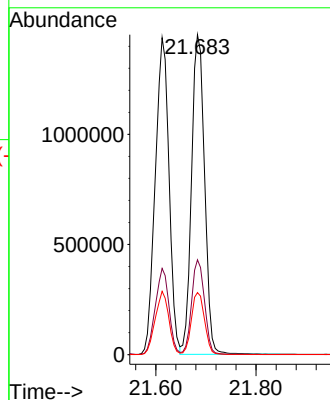
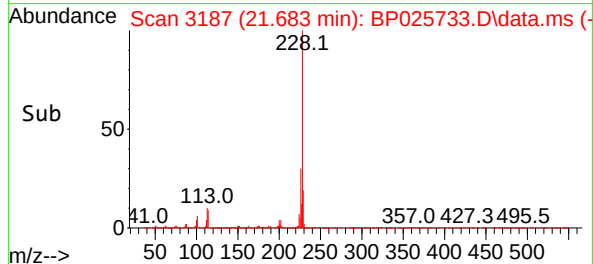
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 262024  
Ion Ratio Lower Upper  
228 100  
226 29.6 23.8 35.6  
229 19.4 15.6 23.4

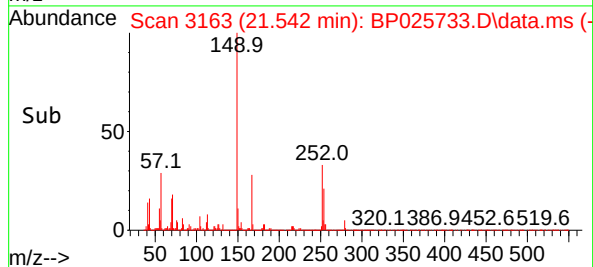
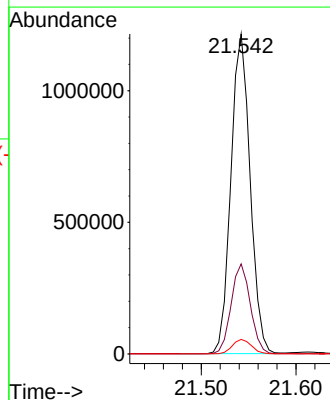
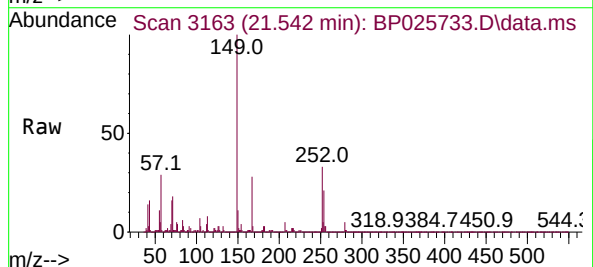
Manual Integrations  
APPROVED

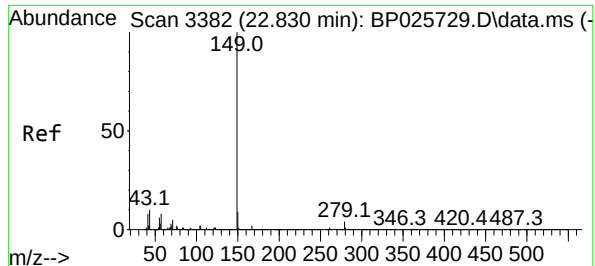
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.312 ng  
RT: 21.542 min Scan# 3163  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 1714419  
Ion Ratio Lower Upper  
149 100  
167 28.1 22.9 34.3  
279 4.5 3.8 5.8





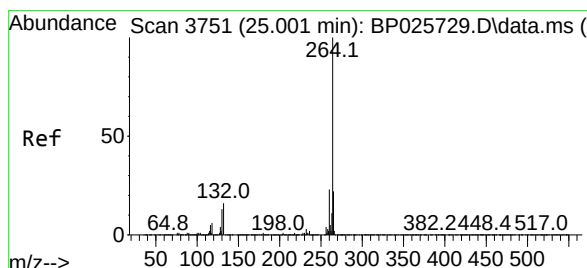
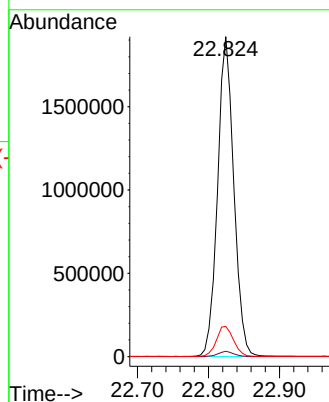
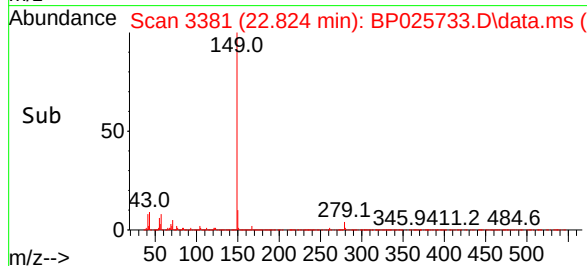
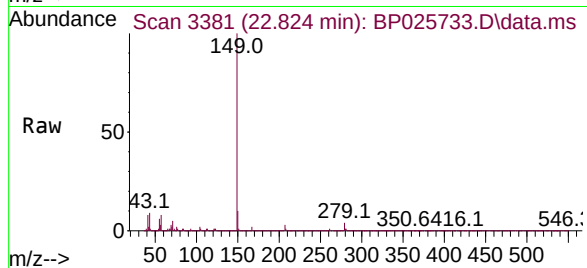
#85  
Di-n-octyl phthalate  
Concen: 50.273 ng  
RT: 22.824 min Scan# 3382  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050

Tgt Ion:149 Resp: 3047268  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.0 8.0 12.0

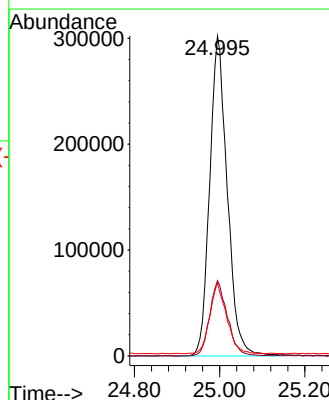
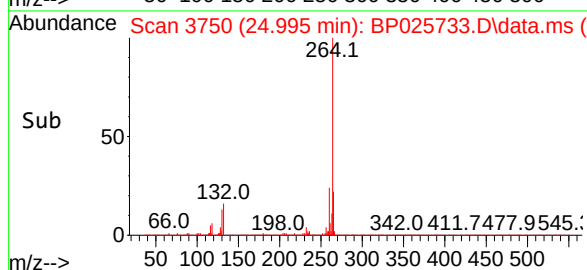
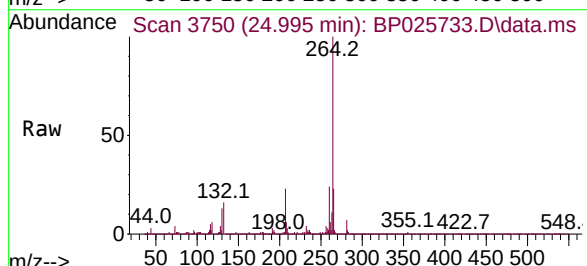
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

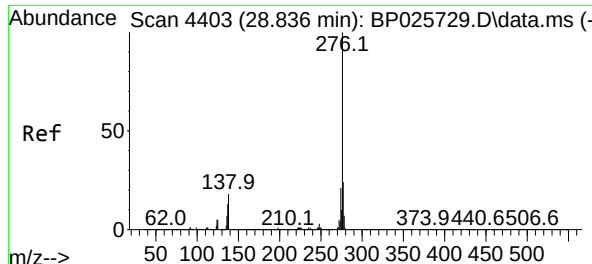


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.995 min Scan# 3750  
Delta R.T. -0.006 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion:264 Resp: 864239  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.3 27.5  
265 23.0 17.3 25.9

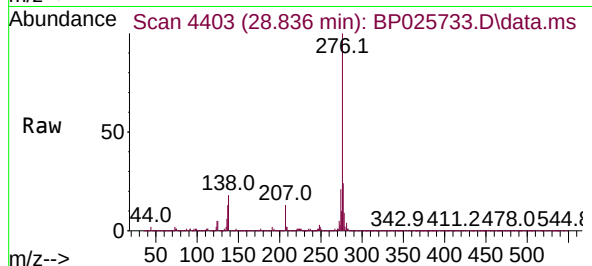






#87  
Indeno(1,2,3-cd)pyrene  
Concen: 51.778 ng  
RT: 28.836 min Scan# 4403  
Delta R.T. -0.000 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

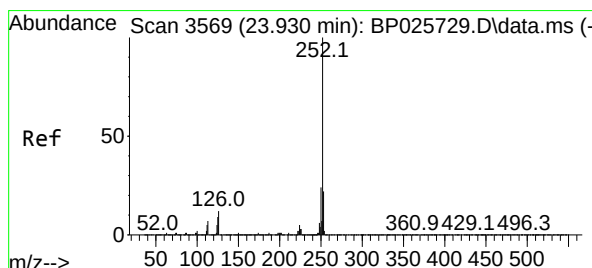
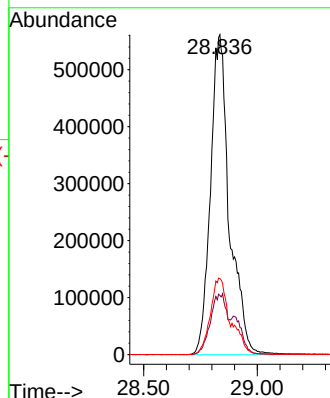
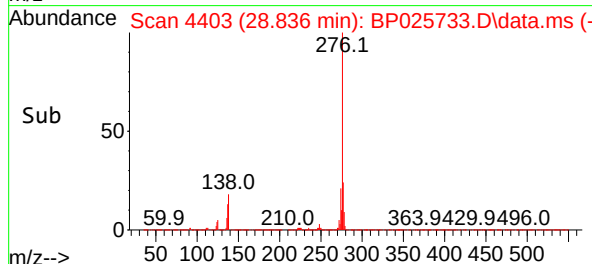
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 276 Resp: 325418  
Ion Ratio Lower Upper  
276 100  
138 17.0 13.4 20.2  
277 25.4 9.1 13.7

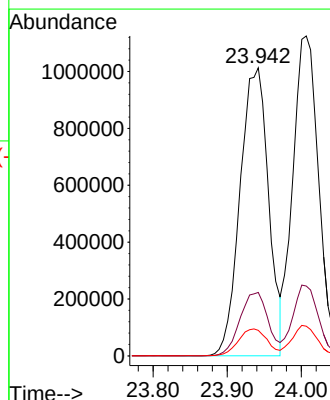
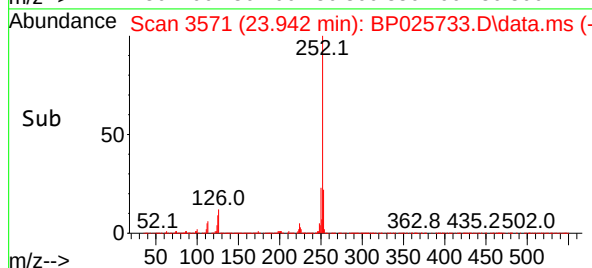
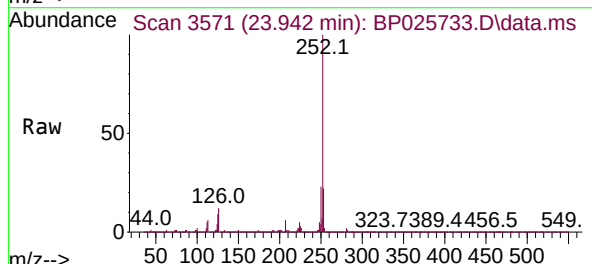
Manual Integrations  
APPROVED

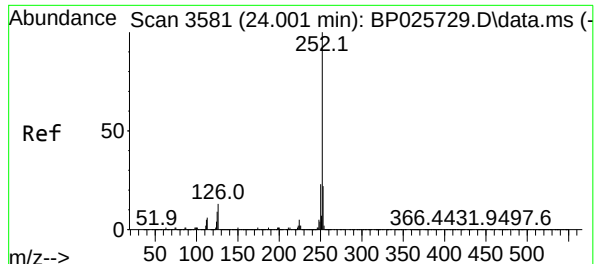
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#88  
Benzo(b)fluoranthene  
Concen: 51.169 ng  
RT: 23.942 min Scan# 3571  
Delta R.T. 0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion: 252 Resp: 2704281  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 8.9 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 50.407 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA\_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 2718438

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

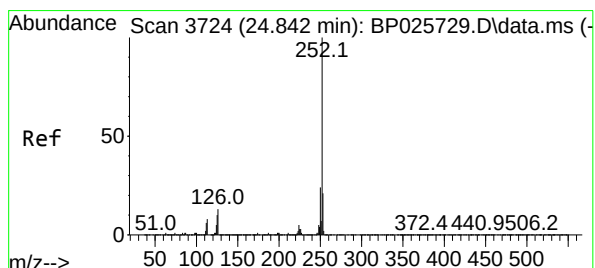
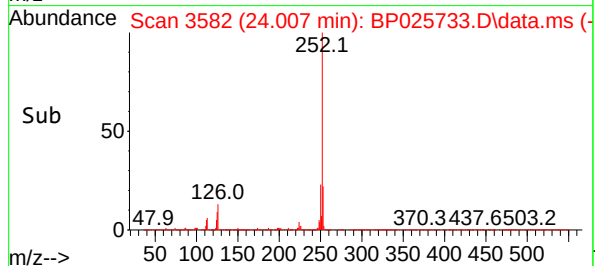
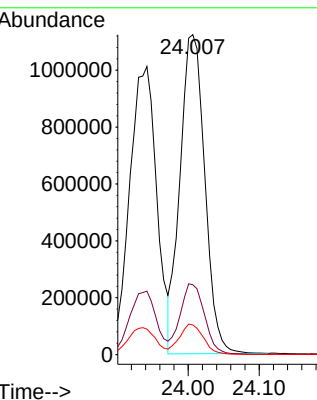
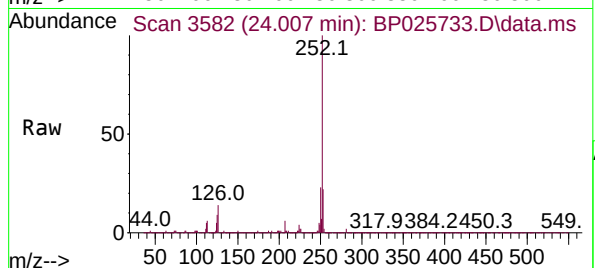
125 9.3 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 50.954 ng

RT: 24.848 min Scan# 3725

Delta R.T. 0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

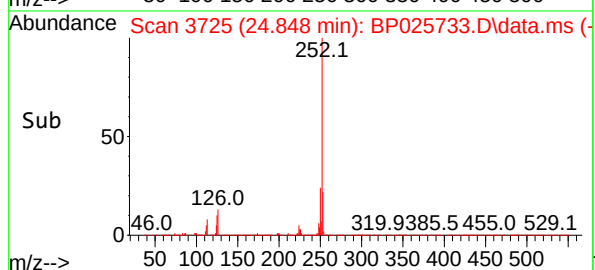
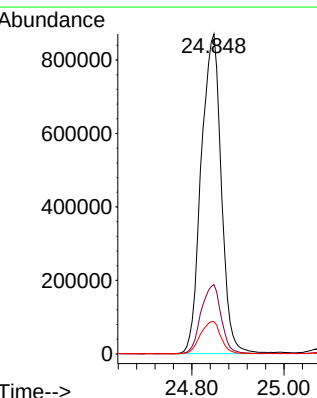
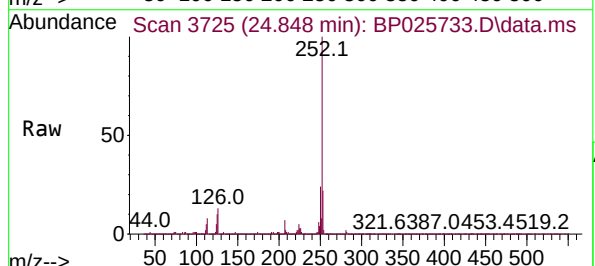
Tgt Ion:252 Resp: 2637187

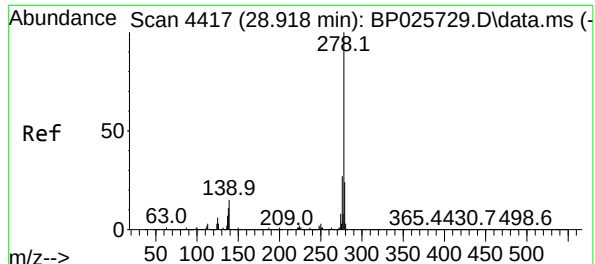
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

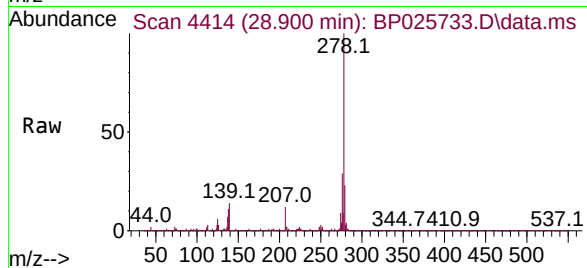
125 10.1 8.3 12.5





#91  
Dibenzo(a,h)anthracene  
Concen: 52.067 ng  
RT: 28.900 min Scan# 4417  
Delta R.T. -0.018 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

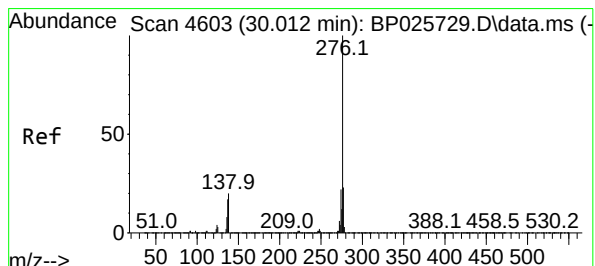
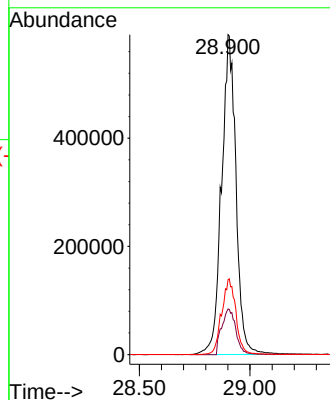
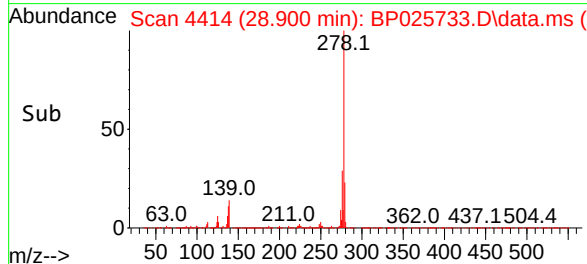
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDICC050



Tgt Ion: 278 Resp: 2677885  
Ion Ratio Lower Upper  
278 100  
139 14.3 12.1 18.1  
279 23.4 19.6 29.4

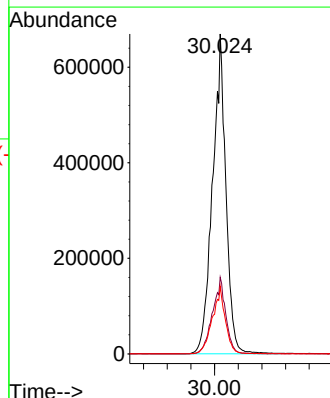
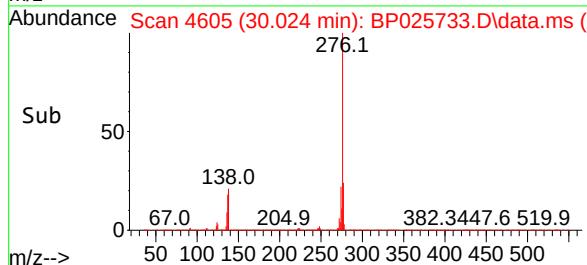
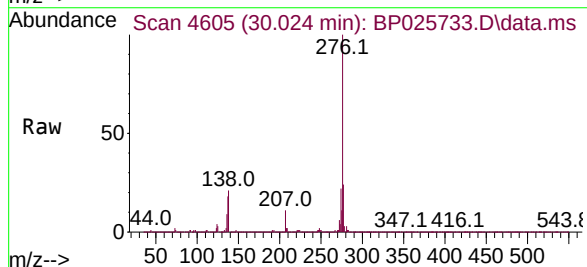
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#92  
Benzo(g,h,i)perylene  
Concen: 51.692 ng  
RT: 30.024 min Scan# 4605  
Delta R.T. 0.012 min  
Lab File: BP025733.D  
Acq: 11 Sep 2025 15:20

Tgt Ion: 276 Resp: 2614577  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.7 28.1  
138 21.1 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.754  | 152  | 124267   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.525 | 136  | 536934   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 375383   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.183 | 188  | 771844   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.636 | 240  | 780297   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.006 | 264  | 833580   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.372  | 112  | 602093   | 78.179 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.937  | 99   | 816056   | 79.719 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.895  | 82   | 840657   | 69.063 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 359192   | 76.715 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.989 | 172  | 1948137  | 69.102 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.913 | 244  | 3054578  | 70.424 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.302  | 88   | 122286   | 37.832 | ng    | 97       |
| 3) Pyridine                   | 3.702  | 79   | 354452   | 39.824 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.608  | 42   | 165978   | 39.520 | ng    | 97       |
| 6) Aniline                    | 7.084  | 93   | 582343   | 41.441 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.325  | 128  | 347453   | 41.125 | ng    | 99       |
| 9) Benzaldehyde               | 6.907  | 77   | 259870m  | 42.354 | ng    |          |
| 10) Phenol                    | 6.966  | 94   | 446406   | 41.357 | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.178  | 93   | 354776   | 40.910 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.643  | 146  | 388972   | 40.451 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.784  | 146  | 395520   | 40.380 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.101  | 146  | 380347   | 39.971 | ng    | 98       |
| 15) Benzyl Alcohol            | 7.990  | 79   | 350290   | 41.411 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.266  | 45   | 582311   | 41.060 | ng    | 100      |
| 17) 2-Methylphenol            | 8.196  | 107  | 307102   | 42.200 | ng    | 99       |
| 18) Hexachloroethane          | 8.819  | 117  | 151554   | 40.508 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.548  | 70   | 312448   | 43.761 | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.519  | 107  | 419059   | 41.117 | ng    | 99       |
| 22) Acetophenone              | 8.566  | 105  | 589415   | 41.077 | ng    | # 99     |
| 24) Nitrobenzene              | 8.937  | 77   | 442005   | 40.477 | ng    | 98       |
| 25) Isophorone                | 9.466  | 82   | 867997   | 40.570 | ng    | 99       |
| 26) 2-Nitrophenol             | 9.643  | 139  | 203715   | 42.019 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.707  | 122  | 353536   | 41.566 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 9.931  | 93   | 506887   | 40.986 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.184 | 162  | 351168   | 41.410 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.390 | 180  | 377799   | 39.530 | ng    | 97       |
| 31) Naphthalene               | 10.572 | 128  | 1147015  | 39.618 | ng    | 100      |
| 32) Benzoic acid              | 9.866  | 122  | 261084   | 41.287 | ng    | 99       |
| 33) 4-Chloroaniline           | 10.690 | 127  | 511290   | 42.370 | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.854 | 225  | 240927   | 39.159 | ng    | 100      |
| 35) Caprolactam               | 11.478 | 113  | 129656   | 39.662 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.819 | 107  | 414385   | 40.986 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.184 | 142  | 751182   | 40.396 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.401 | 142  | 804402   | 40.566 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 455659   | 40.058 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.531 | 237  | 251065   | 40.525 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.801 | 196  | 311792   | 41.695 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.878 | 196  | 335762   | 40.344 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.201 | 154  | 1121205  | 40.692 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.242 | 162  | 849751   | 39.167 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.454 | 65   | 296601   | 41.012 | ng    | 99       |
| 49) Acenaphthylene            | 14.101 | 152  | 1431405  | 39.820 | ng    | 100      |
| 50) Dimethylphthalate         | 13.836 | 163  | 1131460  | 39.480 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 245080   | 40.363 | ng    | 98       |
| 52) Acenaphthene              | 14.454 | 154  | 808647   | 39.008 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.289 | 138  | 260323   | 40.770 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.513 | 184  | 139609   | 38.055 | ng    | 98       |
| 55) Dibenzofuran              | 14.783 | 168  | 1329616  | 39.353 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.619 | 139  | 192803   | 37.582 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.754 | 165  | 353669   | 40.928 | ng    | 96       |
| 58) Fluorene                  | 15.442 | 166  | 1043250  | 38.831 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.019 | 232  | 297719   | 39.712 | ng    | 100      |
| 60) Diethylphthalate          | 15.219 | 149  | 1163950  | 40.039 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.436 | 204  | 536069   | 39.592 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.466 | 138  | 272817   | 41.707 | ng    | 99       |
| 63) Azobenzene                | 15.736 | 77   | 1114737  | 39.657 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 204888   | 39.916 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.660 | 169  | 939618   | 39.780 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.354 | 248  | 339813   | 40.075 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.472 | 284  | 375085   | 39.667 | ng    | 97       |
| 69) Atrazine                  | 16.642 | 200  | 364755   | 40.399 | ng    | 99       |
| 70) Pentachlorophenol         | 16.836 | 266  | 248287   | 39.784 | ng    | 99       |
| 71) Phenanthrene              | 17.224 | 178  | 1716732  | 39.210 | ng    | 99       |
| 72) Anthracene                | 17.319 | 178  | 1778123  | 40.026 | ng    | 100      |
| 73) Carbazole                 | 17.601 | 167  | 1614641  | 39.095 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.189 | 149  | 2015320  | 39.763 | ng    | 100      |
| 75) Fluoranthene              | 19.324 | 202  | 2020319  | 38.475 | ng    | 100      |
| 77) Benzidine                 | 19.513 | 184  | 735659m  | 32.730 | ng    |          |
| 78) Pyrene                    | 19.701 | 202  | 2122125  | 40.759 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 950670   | 41.644 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.612 | 228  | 2127849  | 39.832 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.542 | 252  | 705014   | 38.168 | ng    | 99       |
| 83) Chrysene                  | 21.689 | 228  | 2042185  | 40.103 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.548 | 149  | 1354255  | 40.547 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.836 | 149  | 2374831  | 39.973 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.836 | 276  | 2435714  | 40.180 | ng    | # 84     |
| 88) Benzo(b)fluoranthene      | 23.936 | 252  | 2038540  | 39.991 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.006 | 252  | 2155908  | 41.447 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.842 | 252  | 1988484  | 39.834 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.900 | 278  | 2021392  | 40.748 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.018 | 276  | 1934037  | 39.644 | ng    | 99       |

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

```

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On    : 11 Sep 2025  16:54
Operator  : CG/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 11    Sample Multiplier: 1

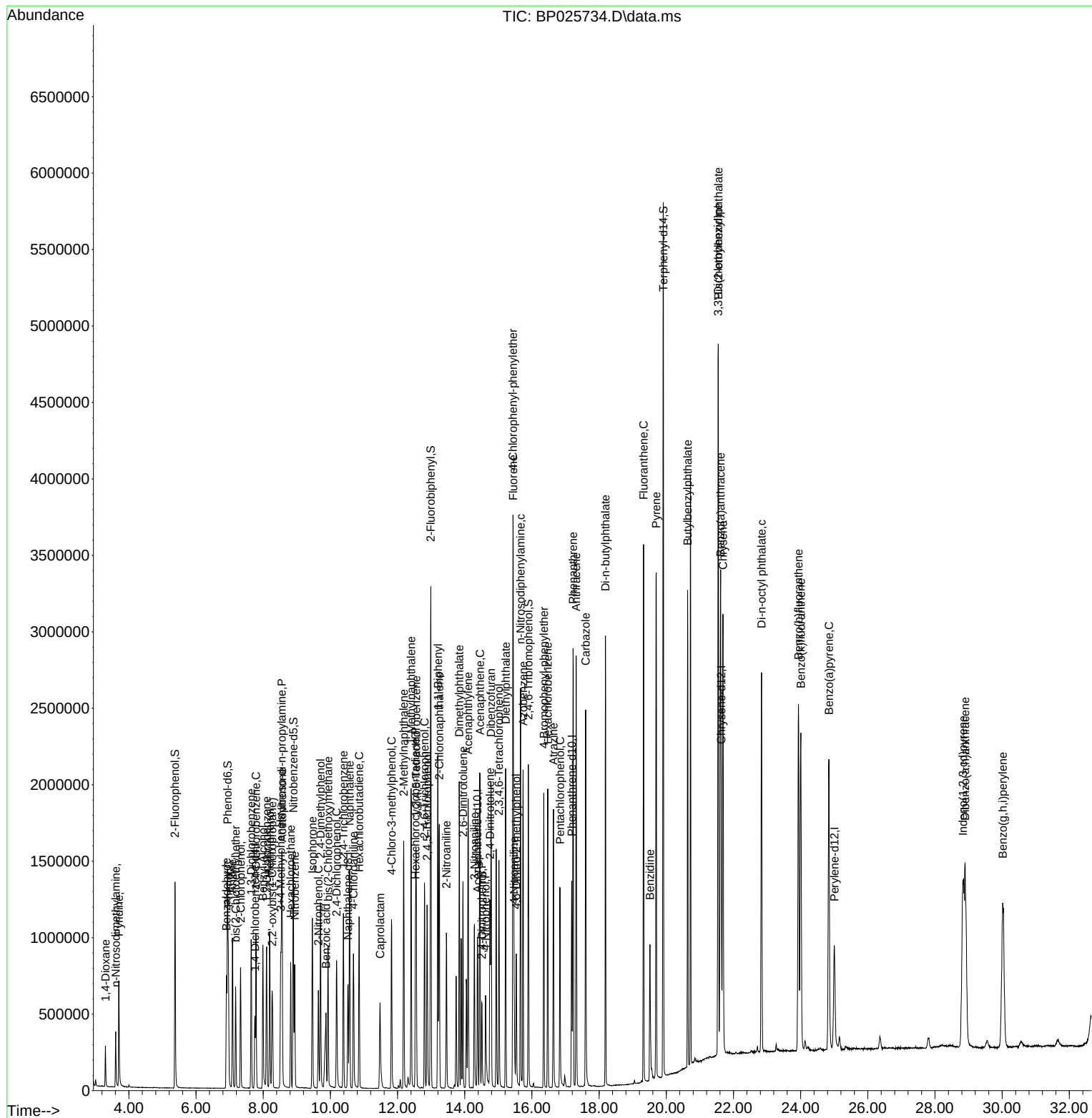
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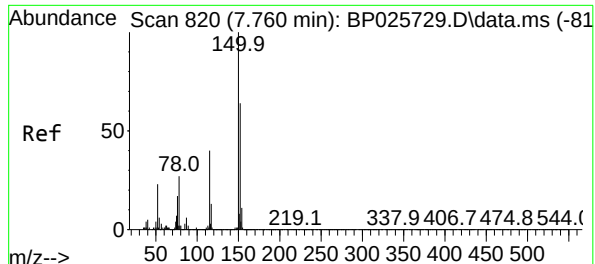
**Instrument :**  
BNA\_P  
**ClientSampleId :**  
ICVBP091225

## Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

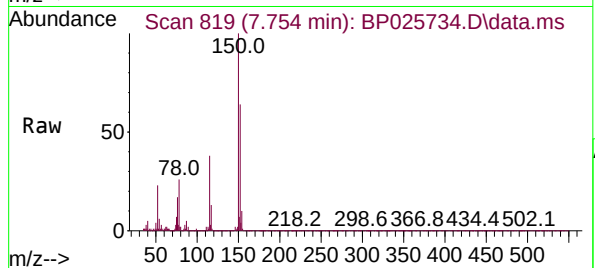
Quant Time: Sep 11 17:15:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.754 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

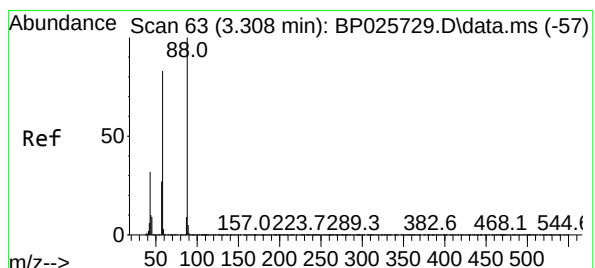
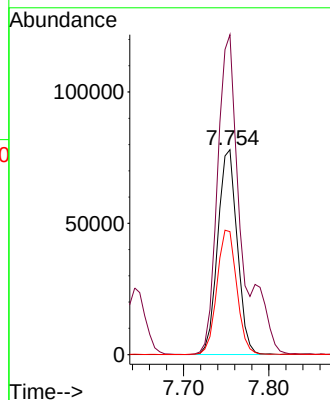
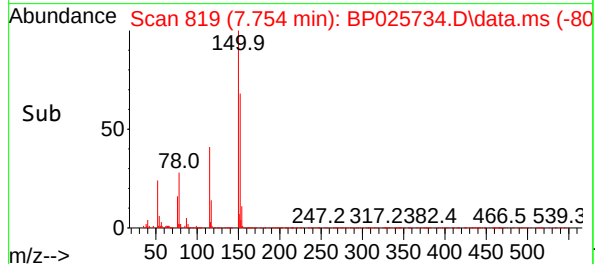
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 152 Resp: 12426  
Ion Ratio Lower Upper  
152 100  
150 156.2 124.3 186.5  
115 60.0 50.3 75.5

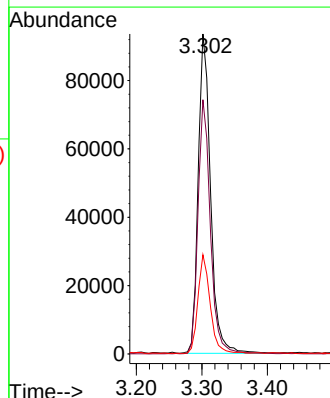
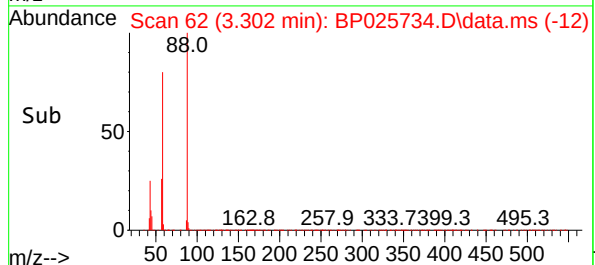
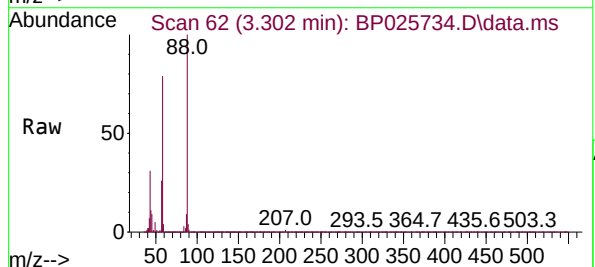
Manual Integrations  
APPROVED

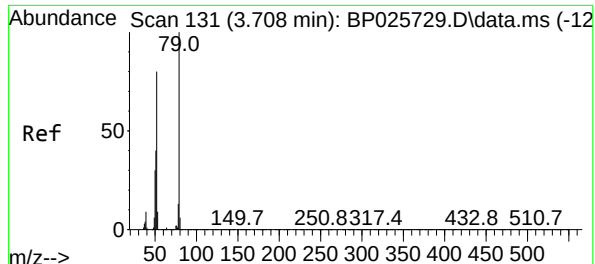
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#2  
1,4-Dioxane  
Concen: 37.832 ng  
RT: 3.302 min Scan# 62  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion: 88 Resp: 122286  
Ion Ratio Lower Upper  
88 100  
58 79.4 65.5 98.3  
43 30.4 25.2 37.8





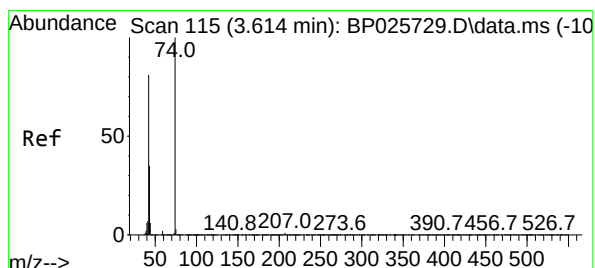
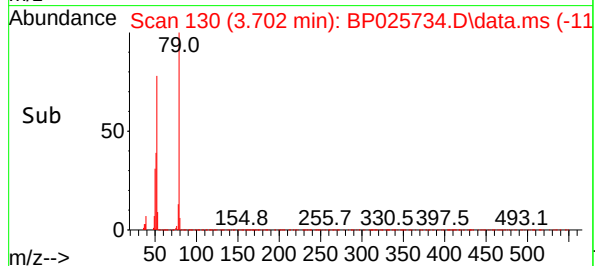
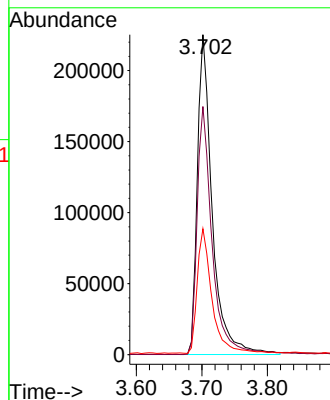
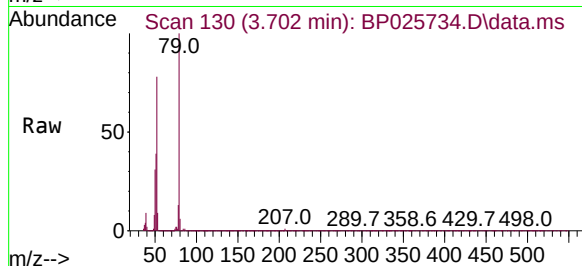
#3  
Pyridine  
Concen: 39.824 ng  
RT: 3.702 min Scan# 131  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Tgt Ion: 79 Resp: 354452  
Ion Ratio Lower Upper  
79 100  
52 77.5 63.7 95.5  
51 39.3 32.4 48.6

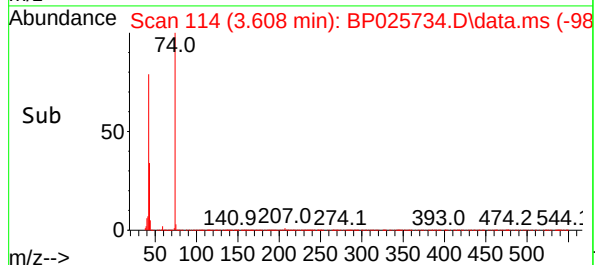
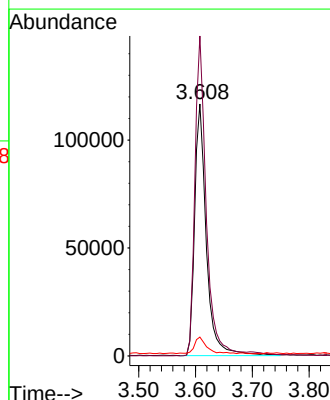
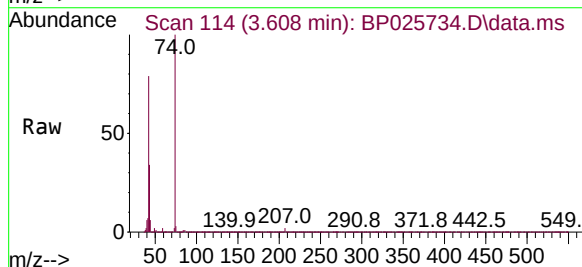
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

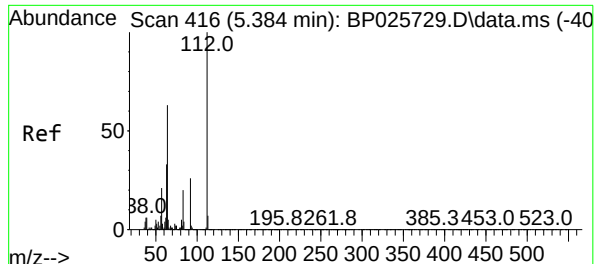


#4  
n-Nitrosodimethylamine  
Concen: 39.520 ng  
RT: 3.608 min Scan# 114  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion: 42 Resp: 165978  
Ion Ratio Lower Upper  
42 100  
74 127.0 99.2 148.8  
44 7.5 6.4 9.6

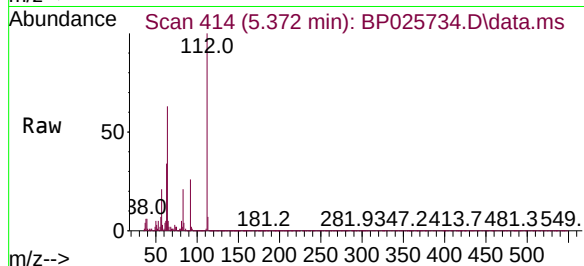






#5  
2-Fluorophenol  
Concen: 78.179 ng  
RT: 5.372 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

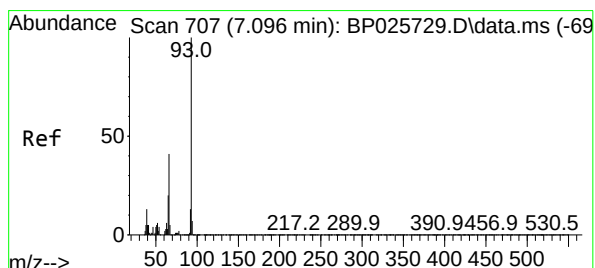
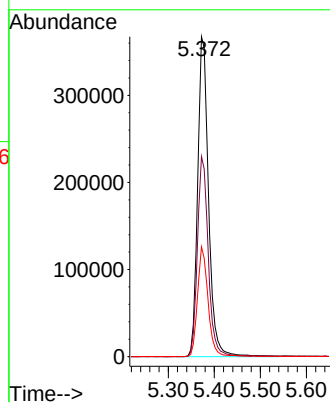
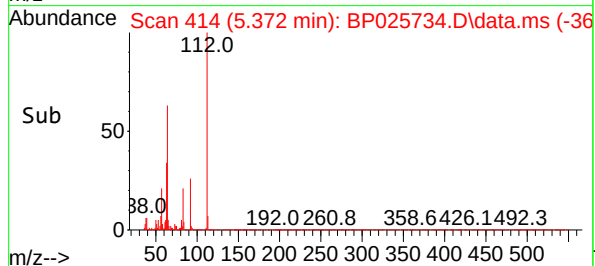
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 112 Resp: 602093  
Ion Ratio Lower Upper  
112 100  
64 62.5 50.2 75.4  
63 34.3 26.7 40.1

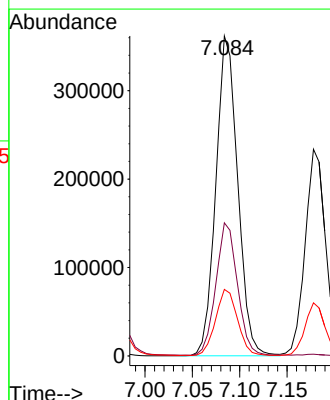
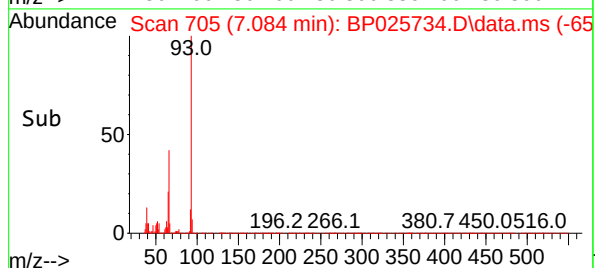
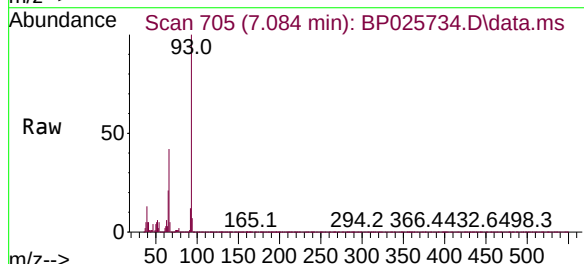
Manual Integrations  
APPROVED

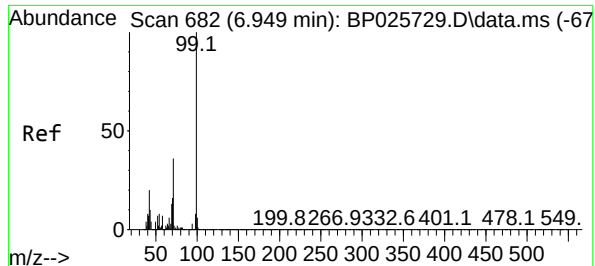
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#6  
Aniline  
Concen: 41.441 ng  
RT: 7.084 min Scan# 705  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

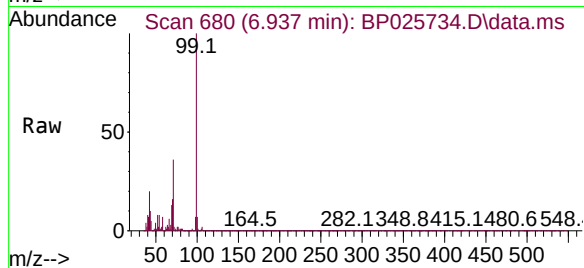
Tgt Ion: 93 Resp: 582343  
Ion Ratio Lower Upper  
93 100  
66 41.6 32.6 49.0  
65 20.8 16.2 24.2





#7  
Phenol-d6  
Concen: 79.719 ng  
RT: 6.937 min Scan# 681  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

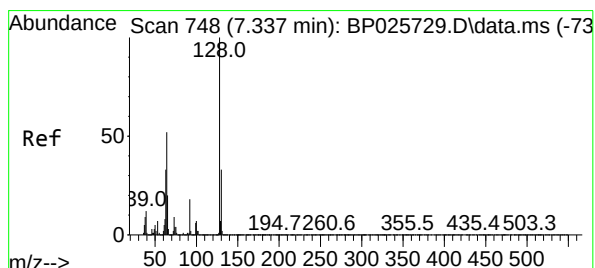
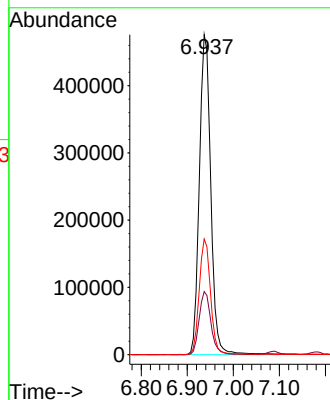
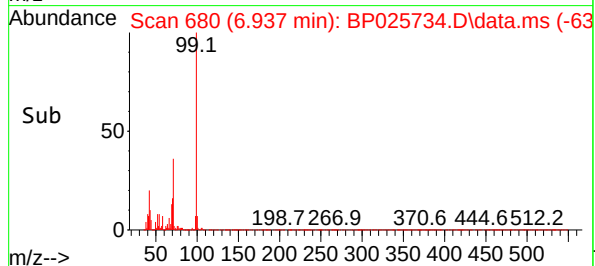
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 99 Resp: 816056  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.6 23.4  
71 36.1 28.6 43.0

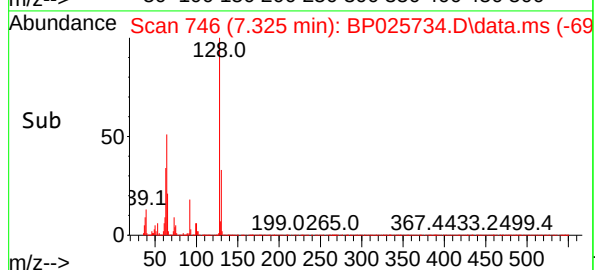
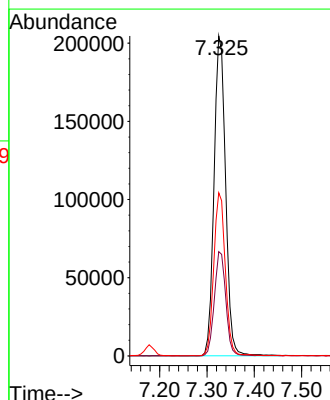
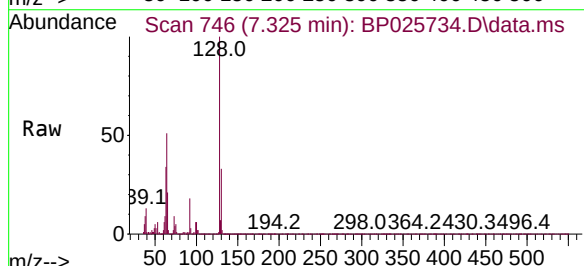
Manual Integrations  
APPROVED

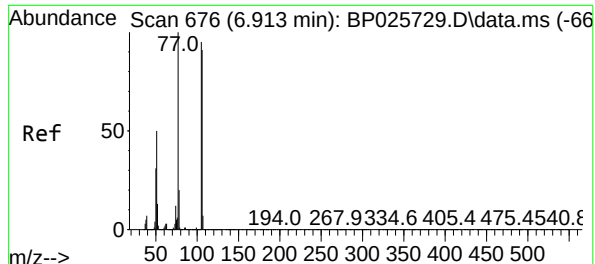
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#8  
2-Chlorophenol  
Concen: 41.125 ng  
RT: 7.325 min Scan# 746  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

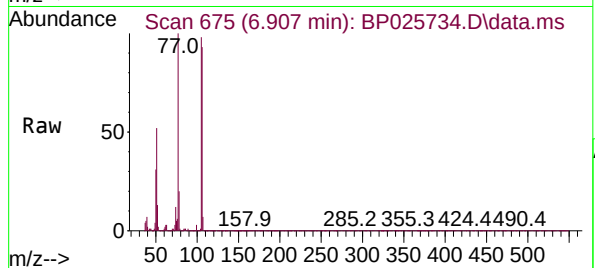
Tgt Ion:128 Resp: 347453  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.6 52.6  
64 51.0 31.6 71.6





#9  
Benzaldehyde  
Concen: 42.354 ng m  
RT: 6.907 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

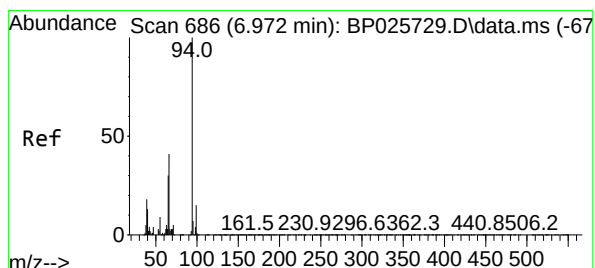
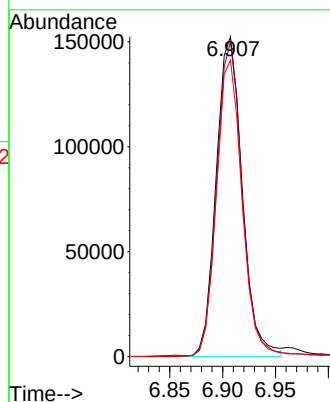
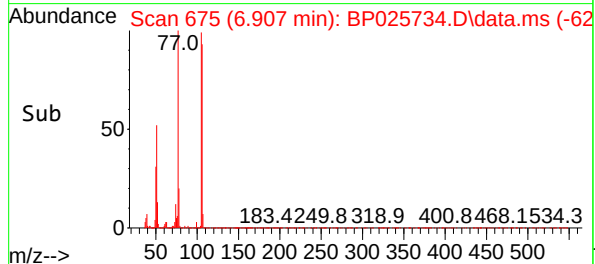
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 77 Resp: 259876  
Ion Ratio Lower Upper  
77 100  
105 98.4 75.2 115.2  
106 92.7 71.3 111.3

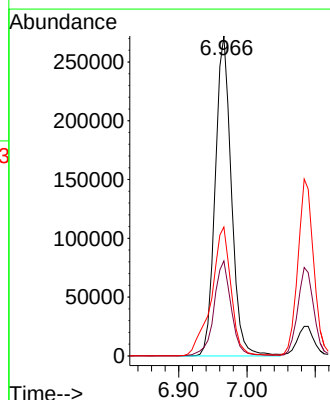
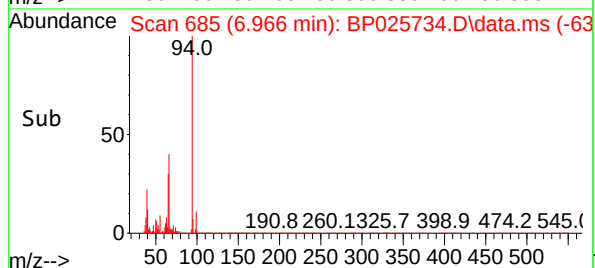
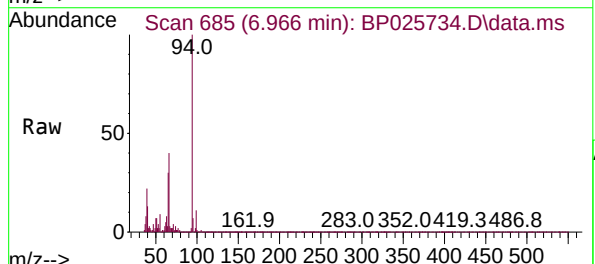
Manual Integrations  
APPROVED

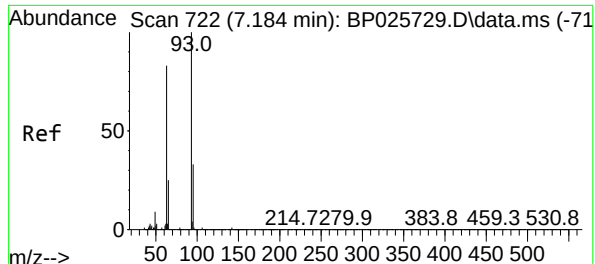
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#10  
Phenol  
Concen: 41.357 ng  
RT: 6.966 min Scan# 685  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

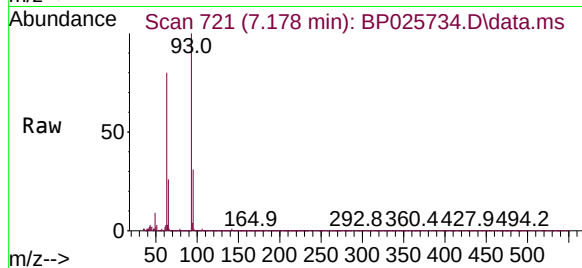
Tgt Ion: 94 Resp: 446406  
Ion Ratio Lower Upper  
94 100  
65 29.7 10.2 50.2  
66 40.3 21.4 61.4





#11  
bis(2-Chloroethyl)ether  
Concen: 40.910 ng  
RT: 7.178 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

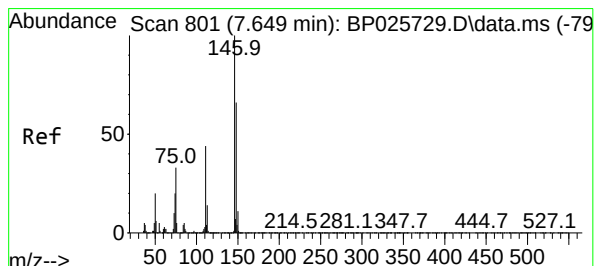
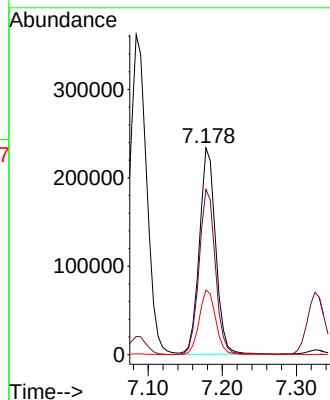
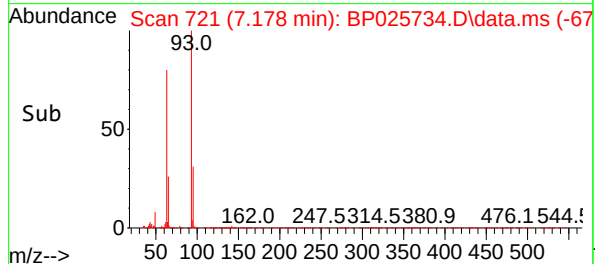
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 93 Resp: 354776  
Ion Ratio Lower Upper  
93 100  
63 80.0 62.6 102.6  
95 31.3 13.2 53.2

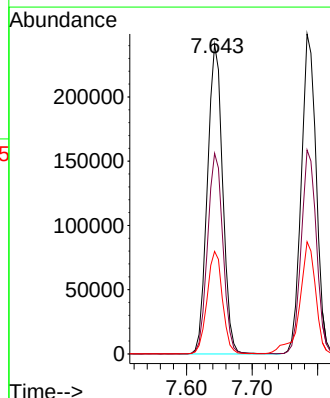
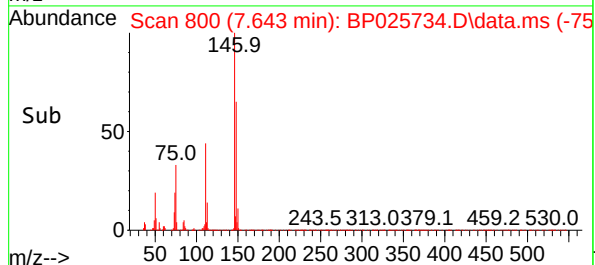
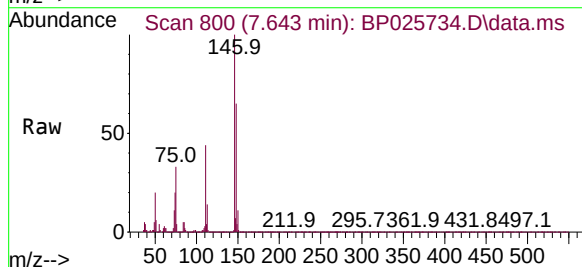
Manual Integrations  
APPROVED

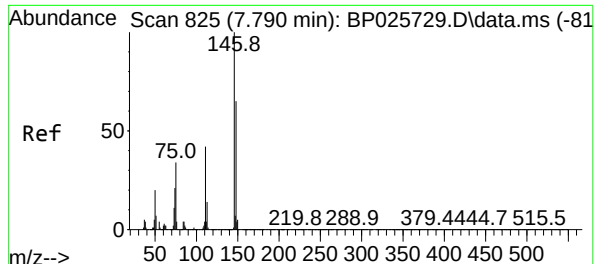
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#12  
1,3-Dichlorobenzene  
Concen: 40.451 ng  
RT: 7.643 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:146 Resp: 388972  
Ion Ratio Lower Upper  
146 100  
148 64.8 52.7 79.1  
75 33.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 40.380 ng

RT: 7.784 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion:146 Resp: 395520

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

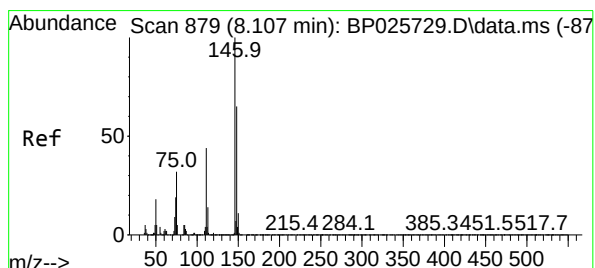
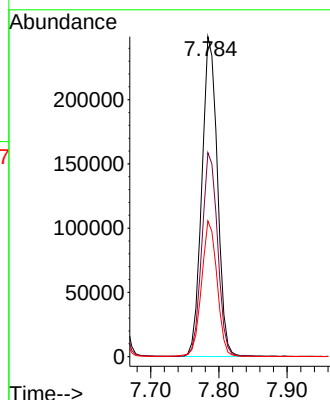
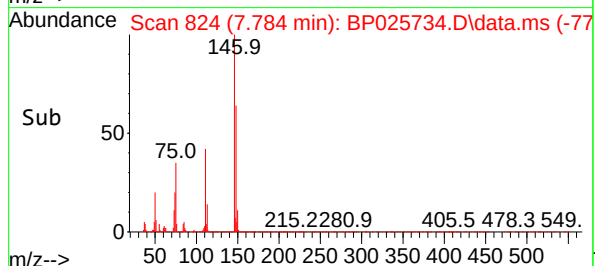
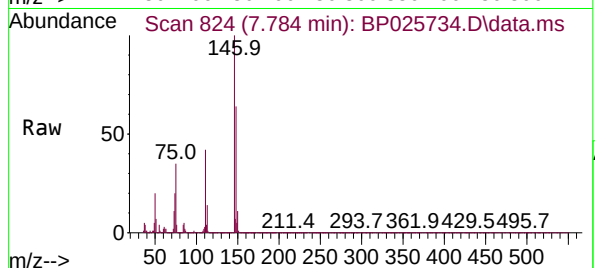
111 42.4 33.9 50.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 39.971 ng

RT: 8.101 min Scan# 878

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

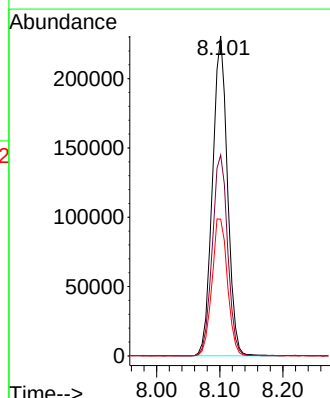
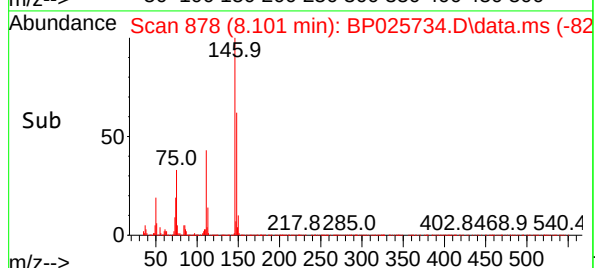
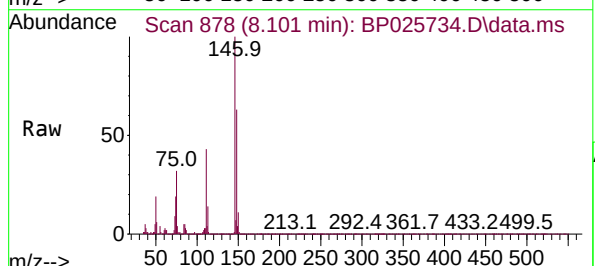
Tgt Ion:146 Resp: 380347

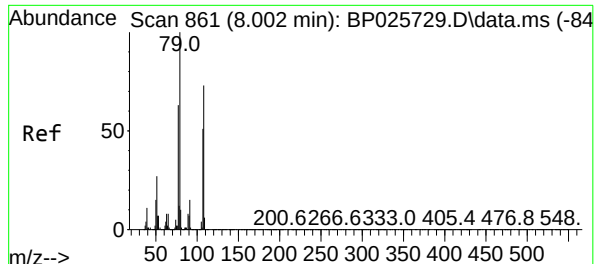
Ion Ratio Lower Upper

146 100

148 62.8 51.7 77.5

111 42.7 35.5 53.3





#15

Benzyl Alcohol

Concen: 41.411 ng

RT: 7.990 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion: 79 Resp: 350290

Ion Ratio Lower Upper

79 100

108 72.9 58.7 88.1

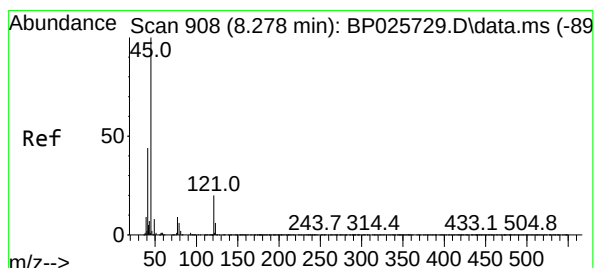
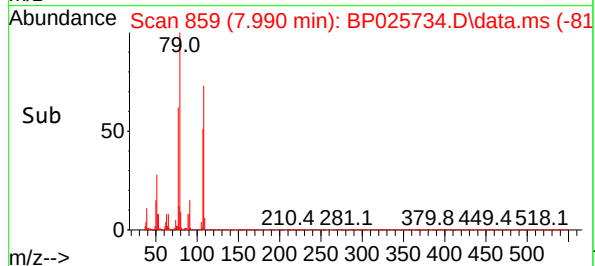
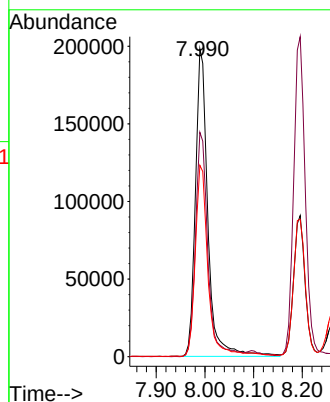
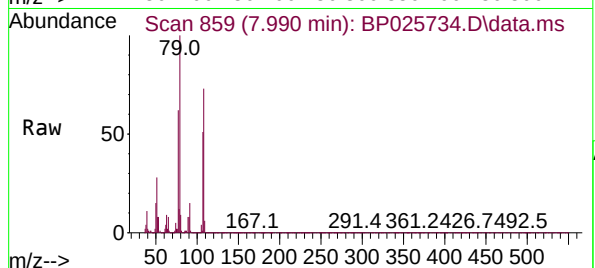
77 62.1 50.2 75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.060 ng

RT: 8.266 min Scan# 906

Delta R.T. -0.012 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

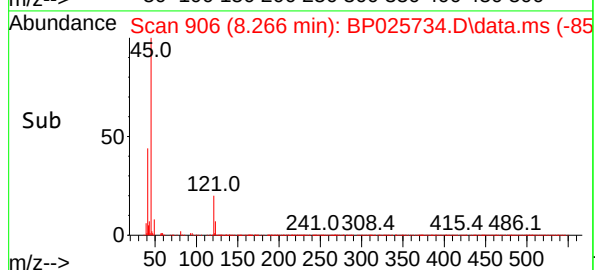
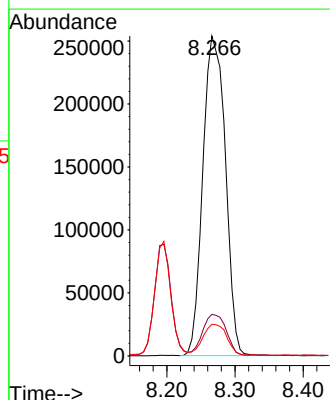
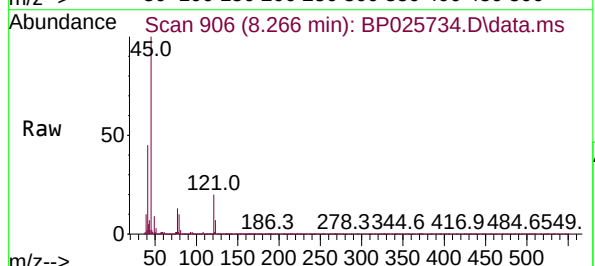
Tgt Ion: 45 Resp: 582311

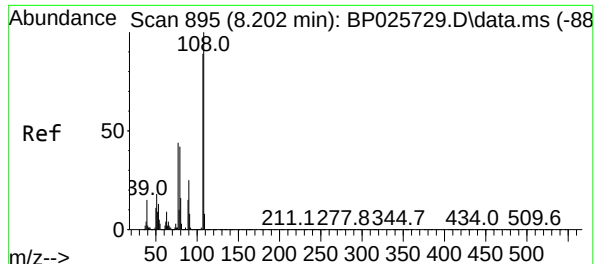
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.1

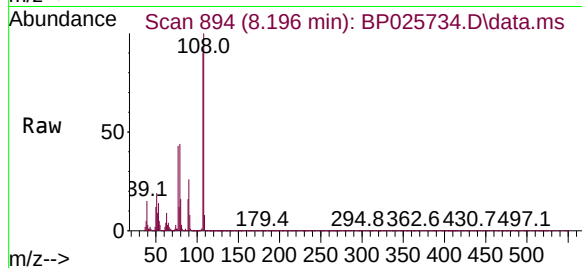
79 9.9 0.0 30.0





#17  
2-Methylphenol  
Concen: 42.200 ng  
RT: 8.196 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

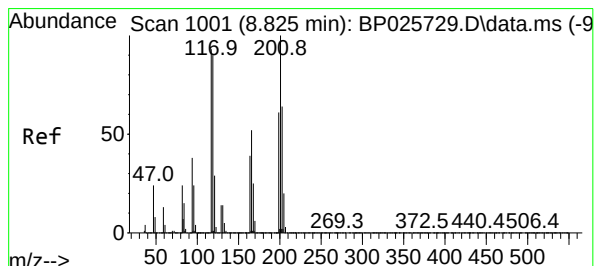
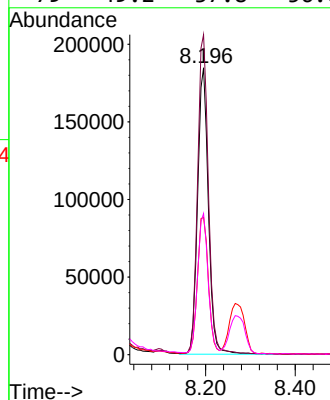
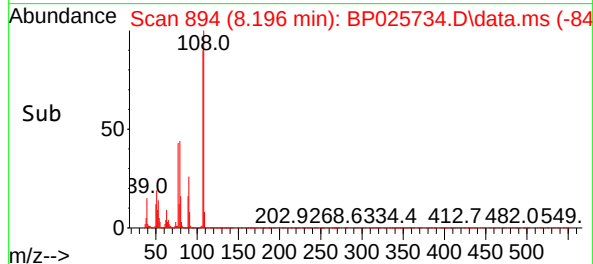
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



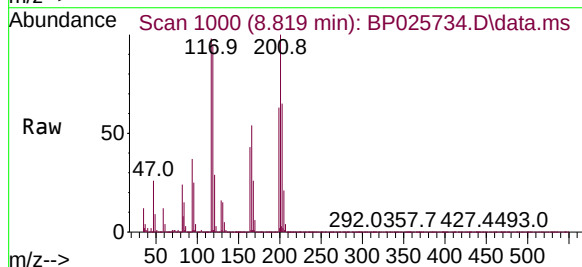
Tgt Ion:107 Resp: 307102  
Ion Ratio Lower Upper  
107 100  
108 111.6 89.6 134.4  
77 47.9 39.3 58.9  
79 49.2 37.8 56.6

Manual Integrations  
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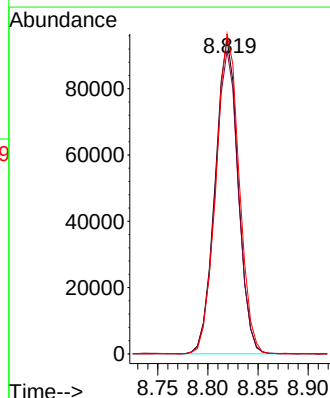
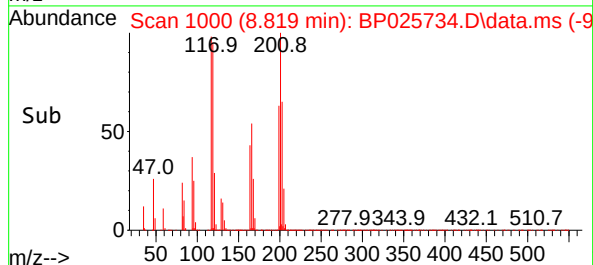
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

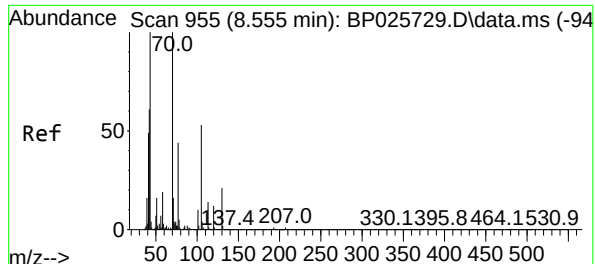


#18  
Hexachloroethane  
Concen: 40.508 ng  
RT: 8.819 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54



Tgt Ion:117 Resp: 151554  
Ion Ratio Lower Upper  
117 100  
119 96.2 77.1 115.7  
201 101.5 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.761 ng

RT: 8.548 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion: 70 Resp: 312448

Ion Ratio Lower Upper

70 100

42 62.0 49.0 73.4

101 10.0 7.9 11.9

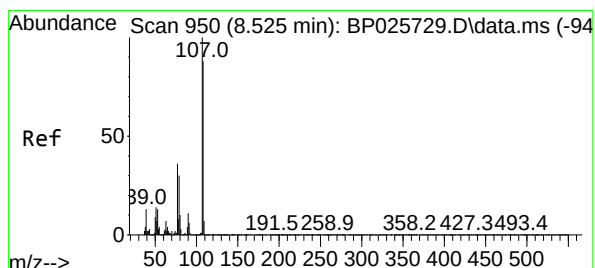
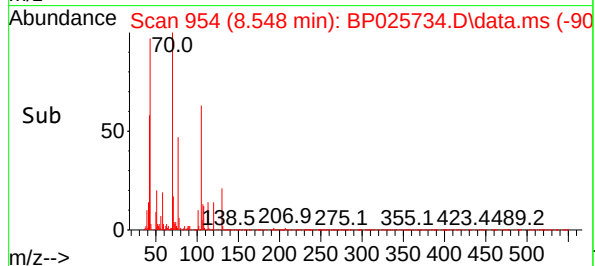
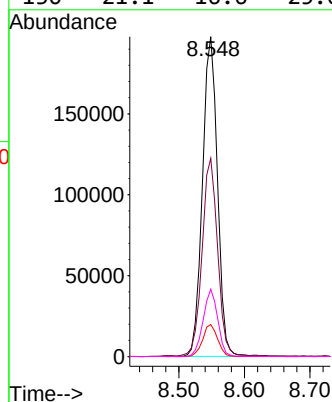
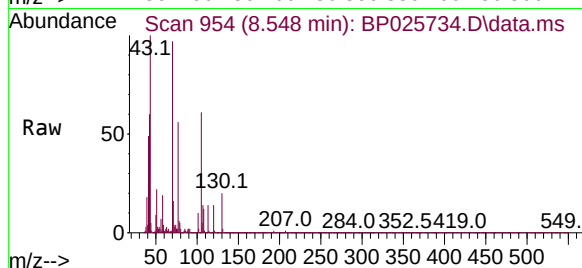
130 21.1 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 41.117 ng

RT: 8.519 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 419059

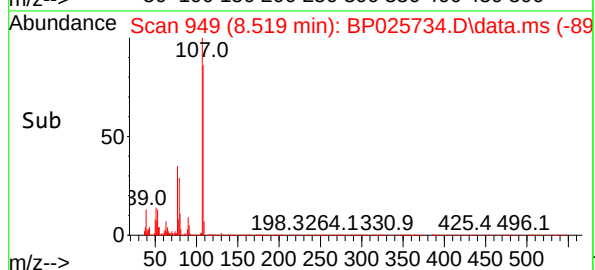
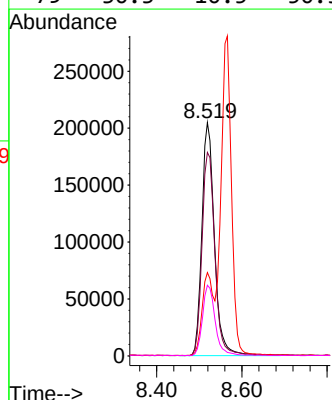
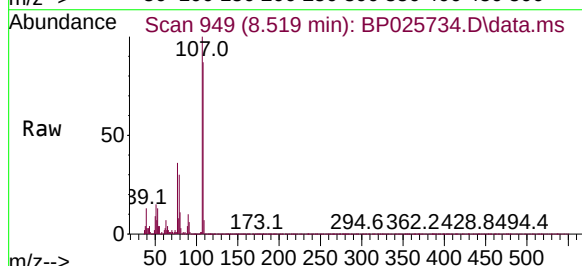
Ion Ratio Lower Upper

107 100

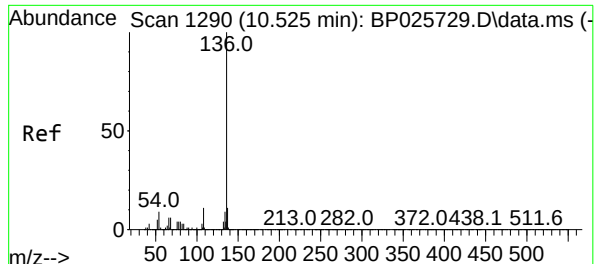
108 87.2 67.8 107.8

77 35.7 16.1 56.1

79 30.3 10.5 50.5







#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.525 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion:136 Resp: 536934

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.0 7.5 11.3

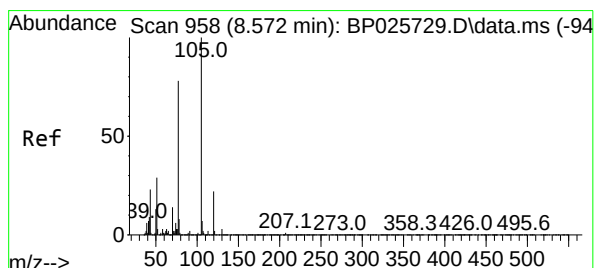
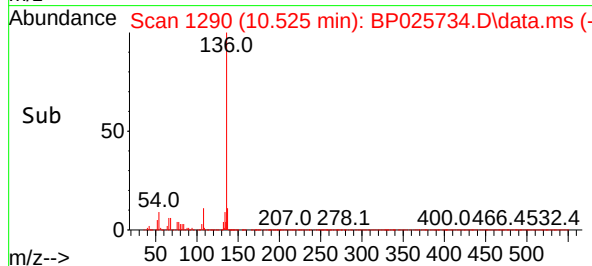
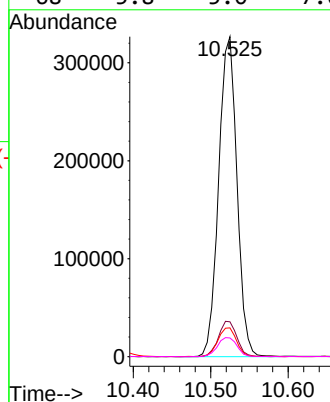
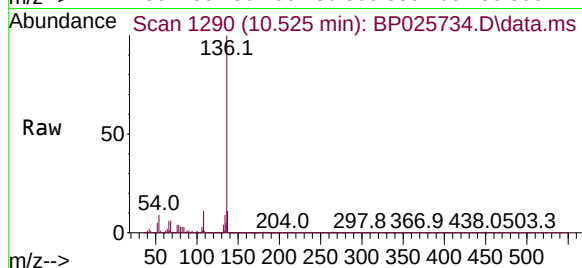
68 5.8 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 41.077 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:105 Resp: 589415

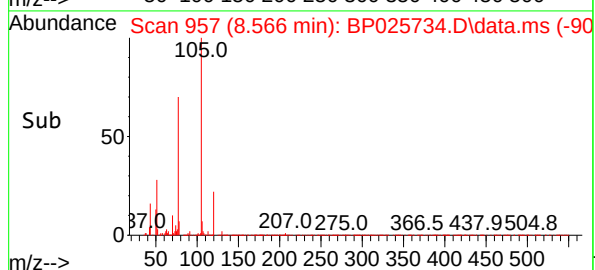
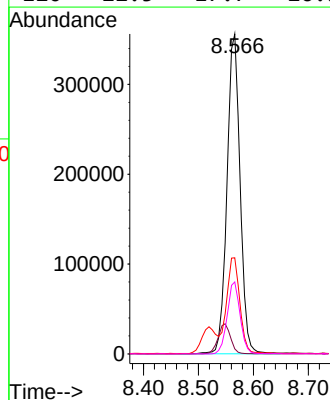
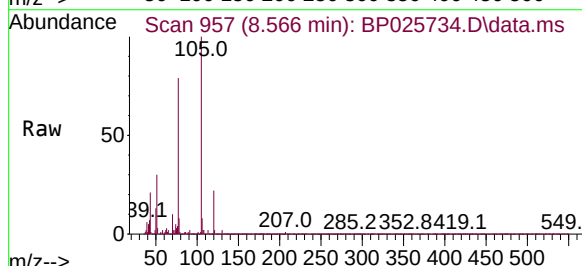
Ion Ratio Lower Upper

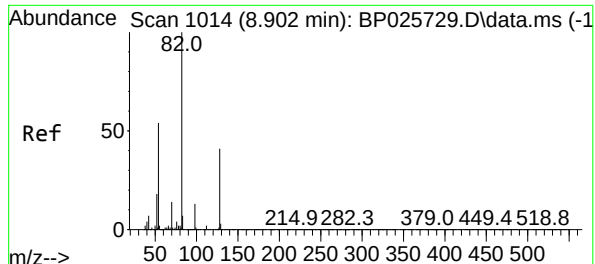
105 100

71 1.6 1.8 2.8

51 30.0 23.5 35.3

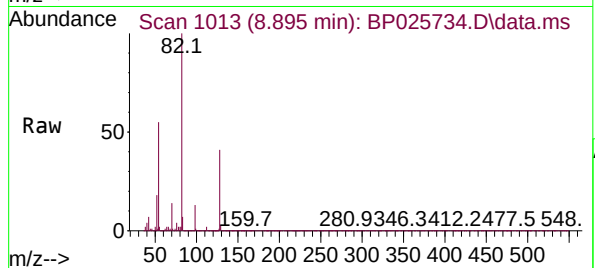
120 22.5 17.7 26.5





#23  
Nitrobenzene-d5  
Concen: 69.063 ng  
RT: 8.895 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

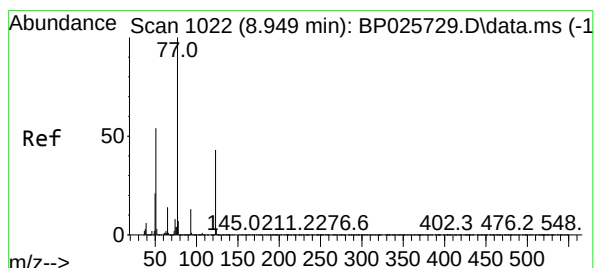
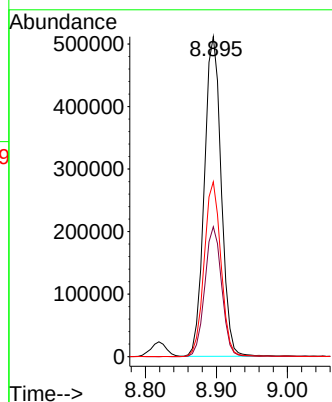
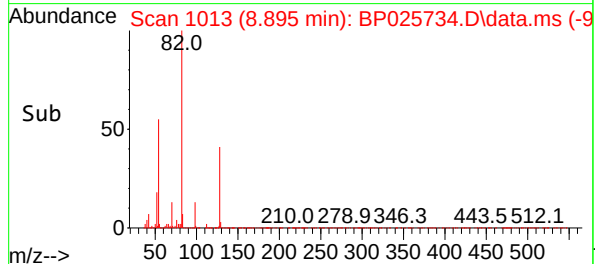
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 82 Resp: 840652  
Ion Ratio Lower Upper  
82 100  
128 40.6 32.9 49.3  
54 54.6 43.4 65.2

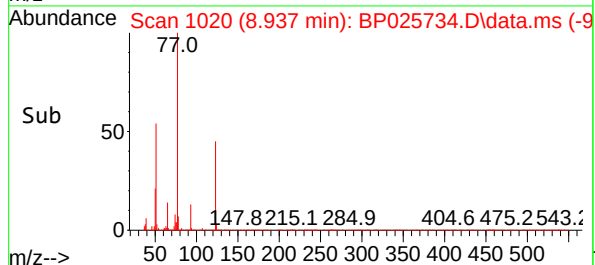
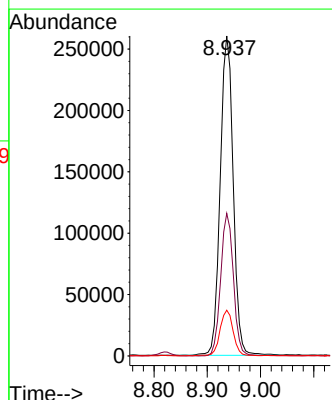
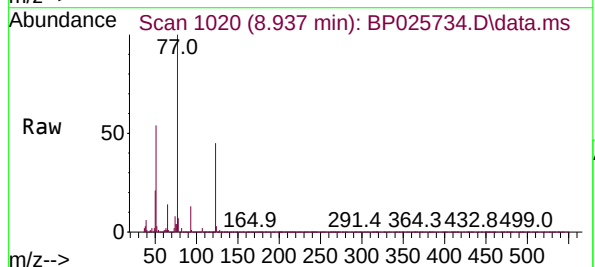
Manual Integrations  
APPROVED

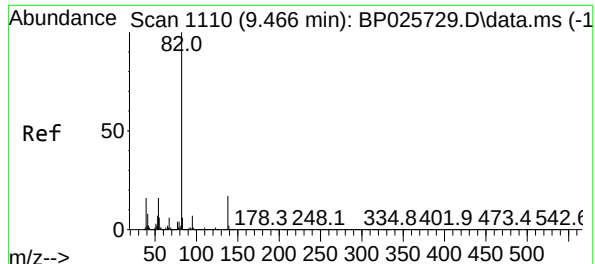
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#24  
Nitrobenzene  
Concen: 40.477 ng  
RT: 8.937 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

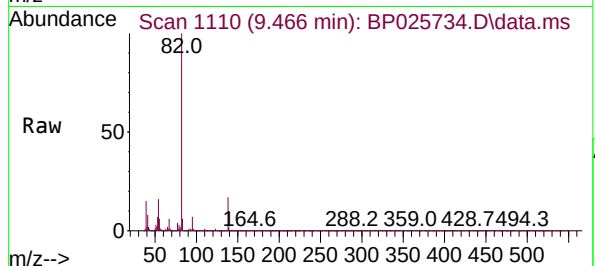
Tgt Ion: 77 Resp: 442005  
Ion Ratio Lower Upper  
77 100  
123 44.5 34.4 51.6  
65 14.3 10.8 16.2





#25  
Isophorone  
Concen: 40.570 ng  
RT: 9.466 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

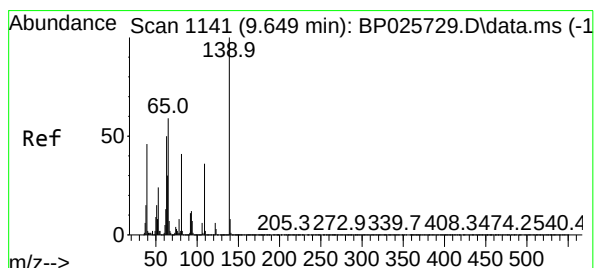
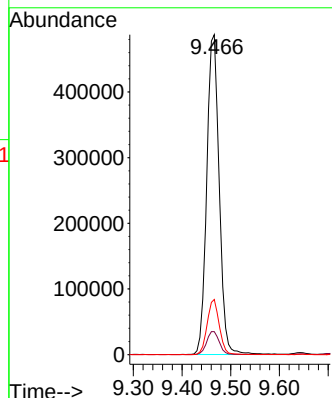
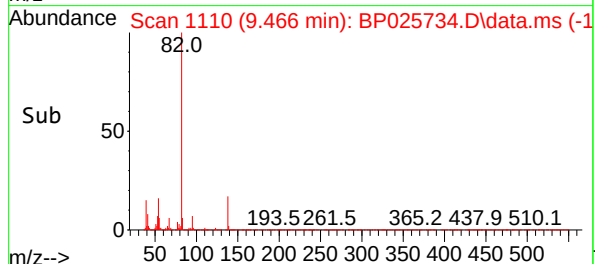
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 82 Resp: 867997  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.8  
138 17.2 13.5 20.3

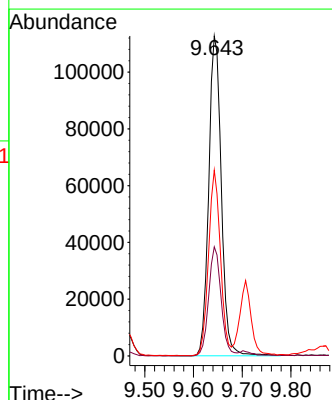
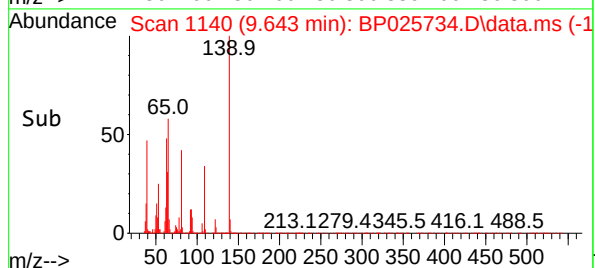
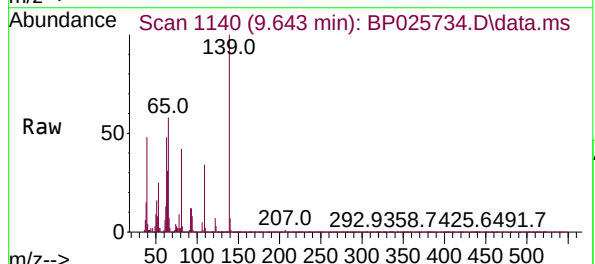
Manual Integrations  
APPROVED

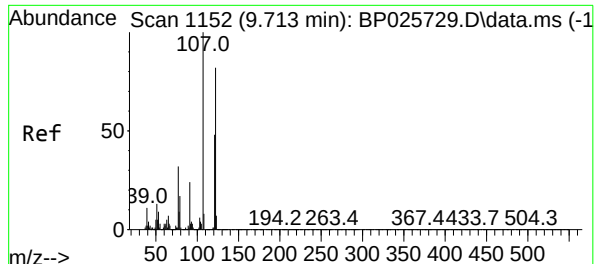
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#26  
2-Nitrophenol  
Concen: 42.019 ng  
RT: 9.643 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:139 Resp: 203715  
Ion Ratio Lower Upper  
139 100  
109 34.1 29.0 43.4  
65 58.0 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 41.566 ng

RT: 9.707 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion:122 Resp: 353536

Ion Ratio Lower Upper

122 100

107 122.9 97.9 146.9

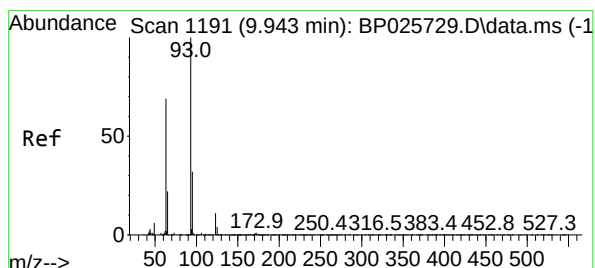
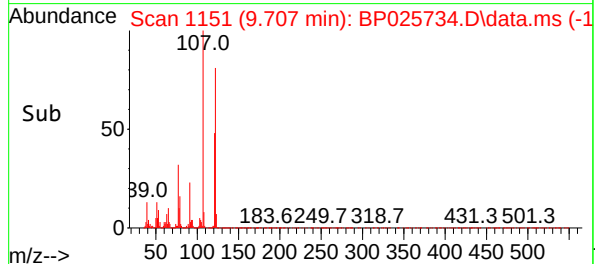
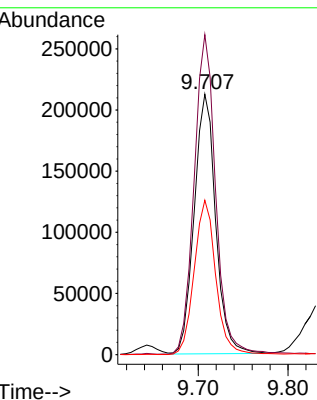
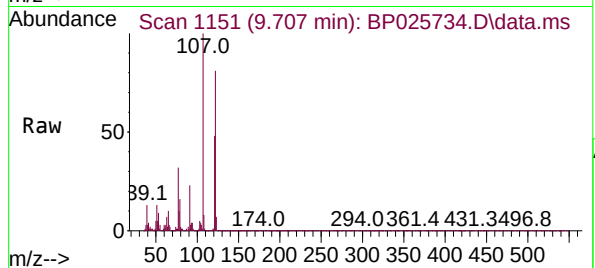
121 59.3 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.986 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

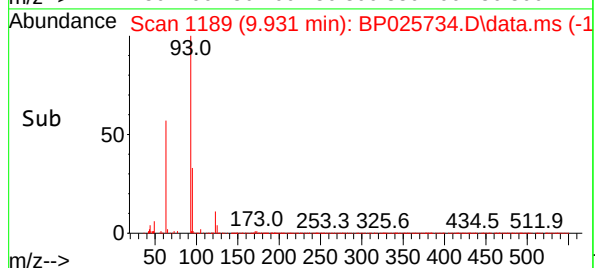
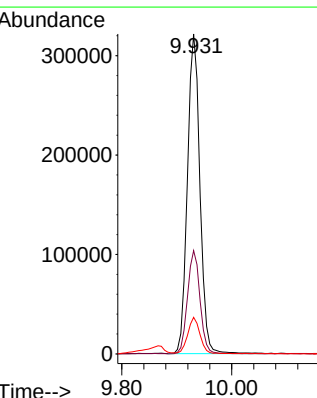
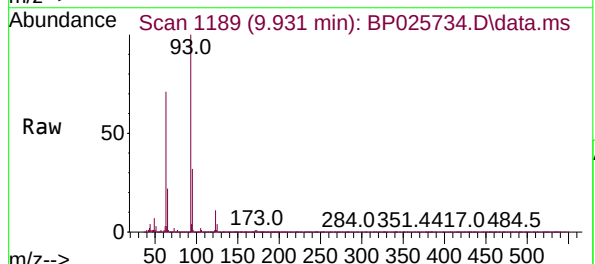
Tgt Ion: 93 Resp: 506887

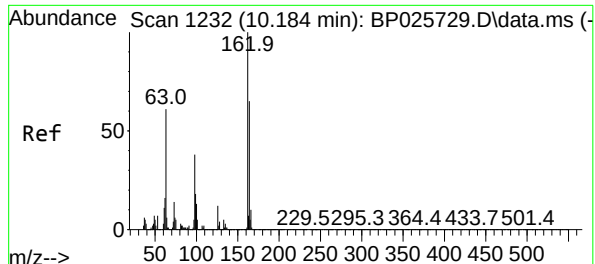
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.410 ng

RT: 10.184 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion:162 Resp: 351168

Ion Ratio Lower Upper

162 100

164 63.7 44.7 84.7

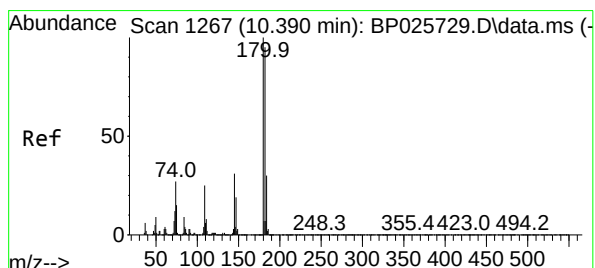
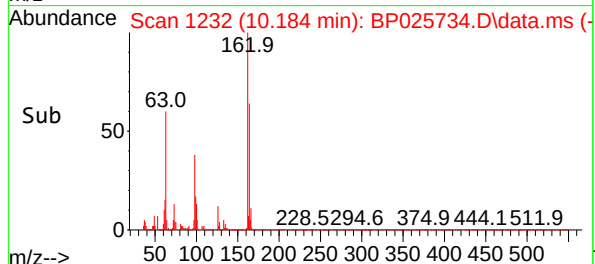
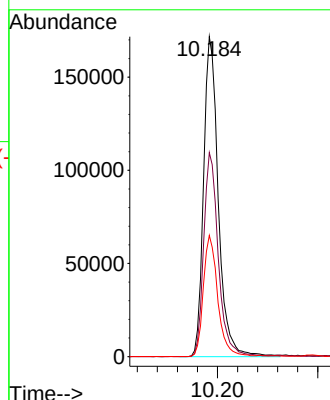
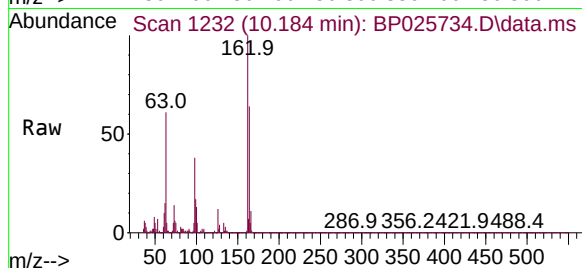
98 37.9 18.1 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.530 ng

RT: 10.390 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

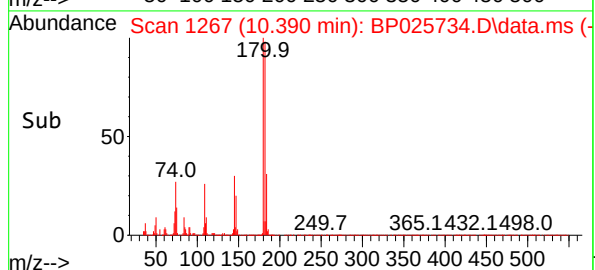
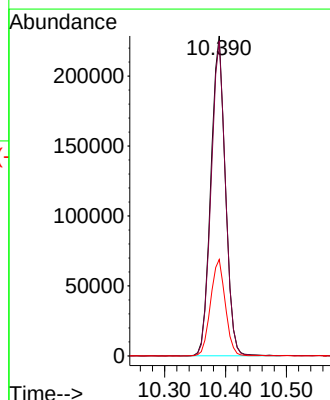
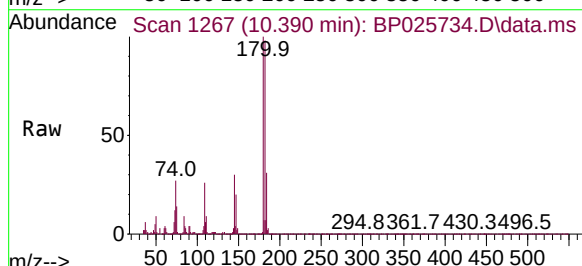
Tgt Ion:180 Resp: 377799

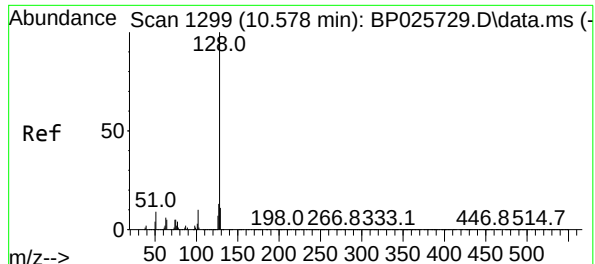
Ion Ratio Lower Upper

180 100

182 98.5 76.0 114.0

145 30.1 24.7 37.1





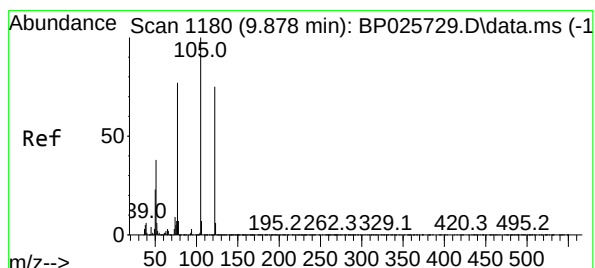
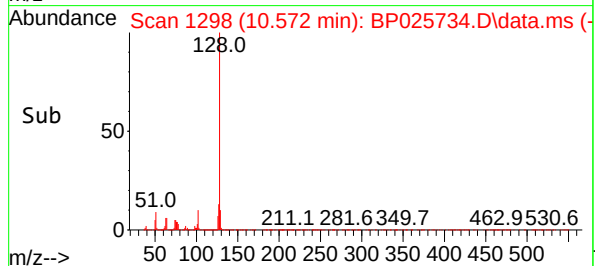
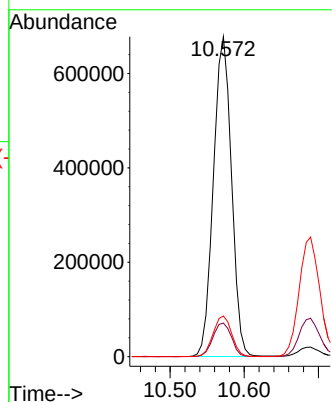
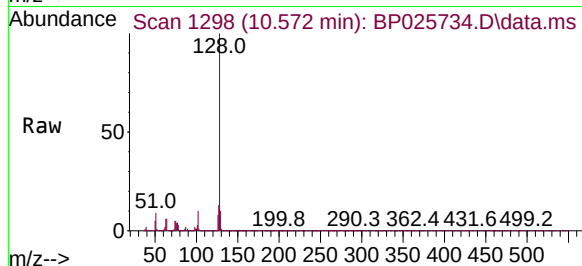
#31  
Naphthalene  
Concen: 39.618 ng  
RT: 10.572 min Scan# 1178  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Tgt Ion:128 Resp: 1147015  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.6 12.8  
127 12.7 10.2 15.4

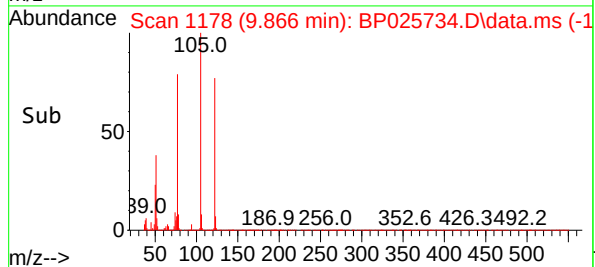
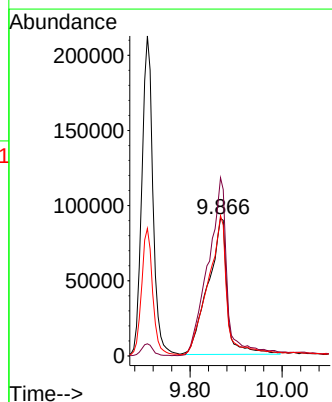
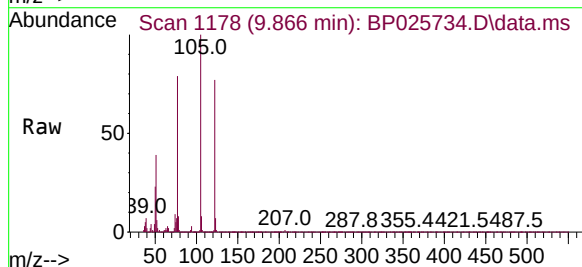
Manual Integrations  
APPROVED

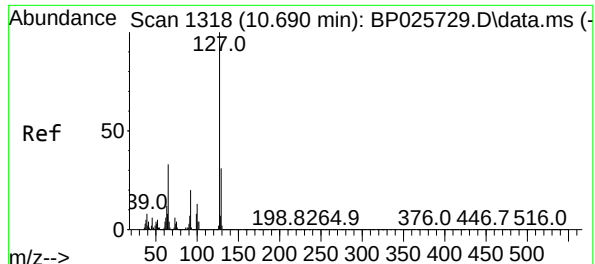
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#32  
Benzoic acid  
Concen: 41.287 ng  
RT: 9.866 min Scan# 1178  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

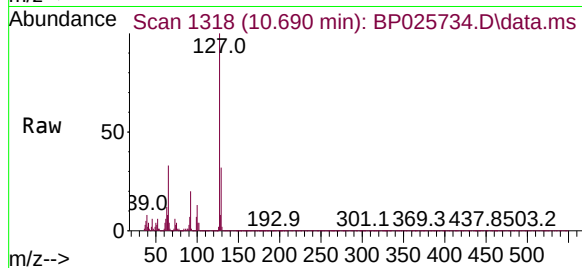
Tgt Ion:122 Resp: 261084  
Ion Ratio Lower Upper  
122 100  
105 129.7 111.5 151.5  
77 102.2 81.8 121.8





#33  
4-Chloroaniline  
Concen: 42.370 ng  
RT: 10.690 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

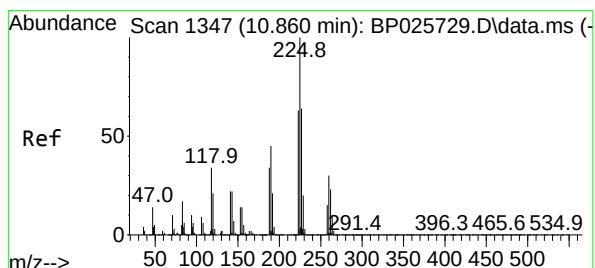
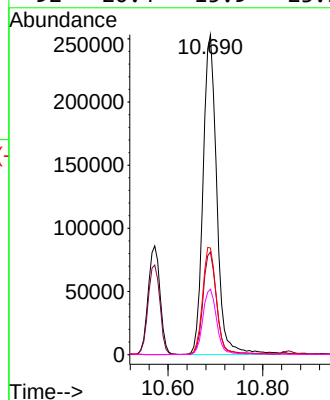
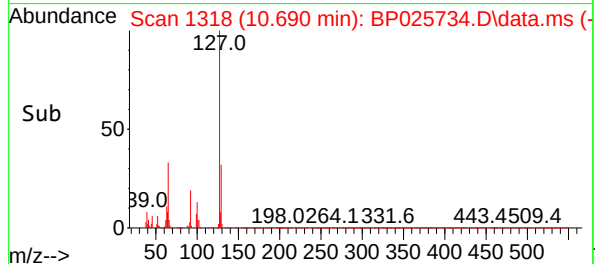
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



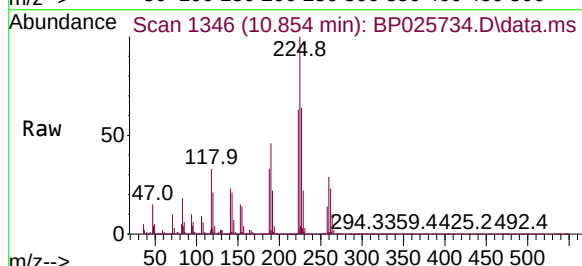
Tgt Ion:127 Resp: 511290  
Ion Ratio Lower Upper  
127 100  
129 32.1 25.1 37.7  
65 33.3 26.4 39.6  
92 20.4 15.9 23.9

Manual Integrations  
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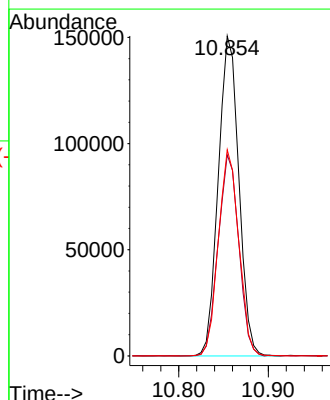
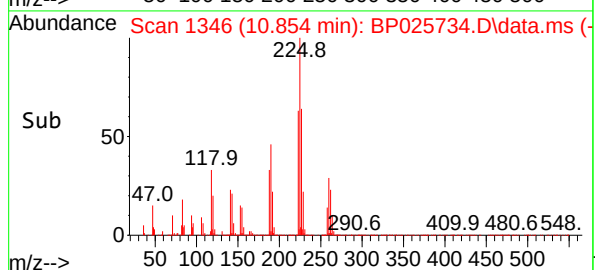
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

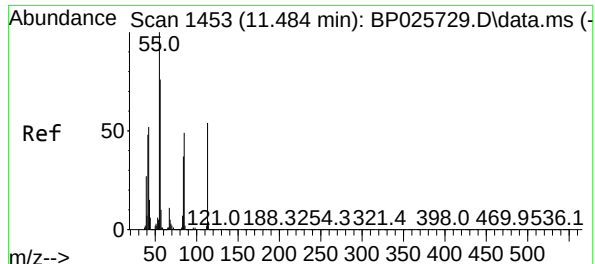


#34  
Hexachlorobutadiene  
Concen: 39.159 ng  
RT: 10.854 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54



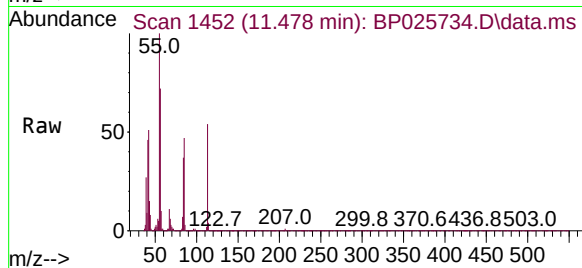
Tgt Ion:225 Resp: 240927  
Ion Ratio Lower Upper  
225 100  
223 62.8 50.1 75.1  
227 64.4 51.2 76.8





#35  
Caprolactam  
Concen: 39.662 ng  
RT: 11.478 min Scan# 1453  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

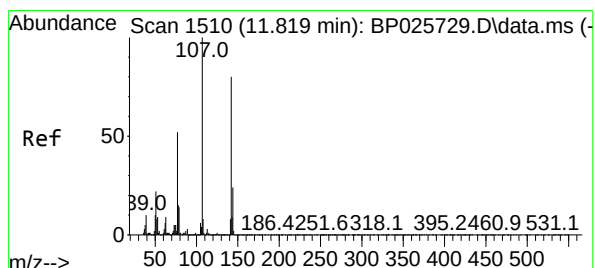
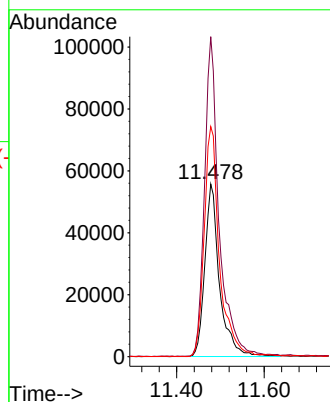
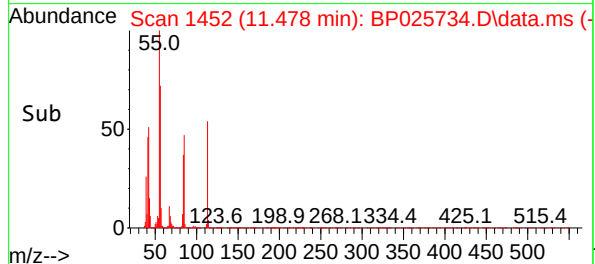
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:113 Resp: 129656  
Ion Ratio Lower Upper  
113 100  
55 185.4 165.5 205.5  
56 133.3 121.1 161.1

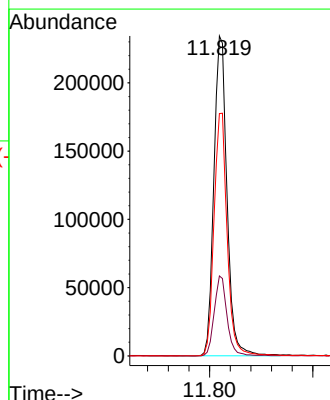
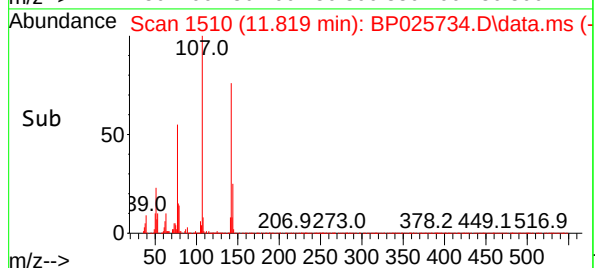
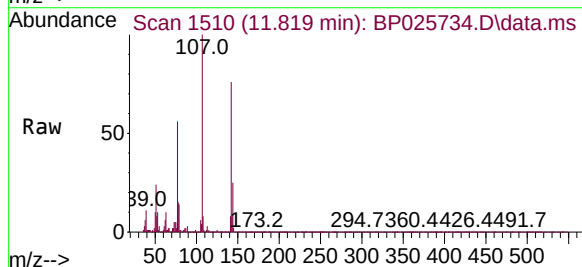
Manual Integrations  
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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

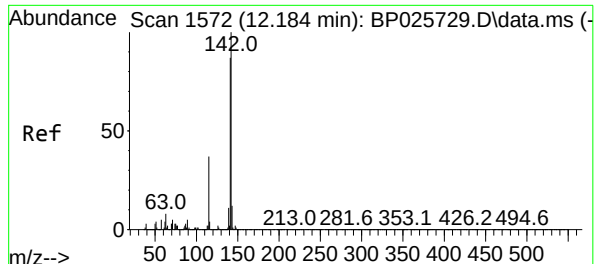


#36  
4-Chloro-3-methylphenol  
Concen: 40.986 ng  
RT: 11.819 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 414385  
Ion Ratio Lower Upper  
107 100  
144 25.0 19.4 29.2  
142 75.7 63.8 95.6

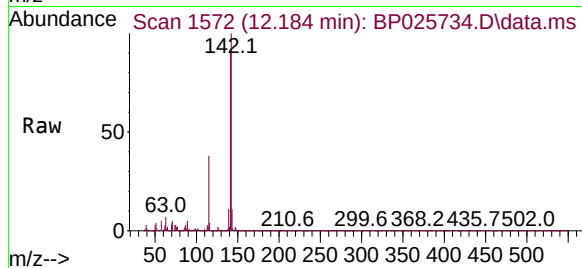






#37  
2-Methylnaphthalene  
Concen: 40.396 ng  
RT: 12.184 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

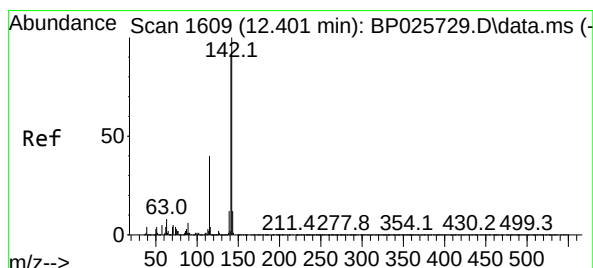
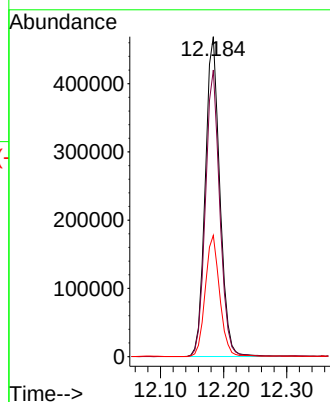
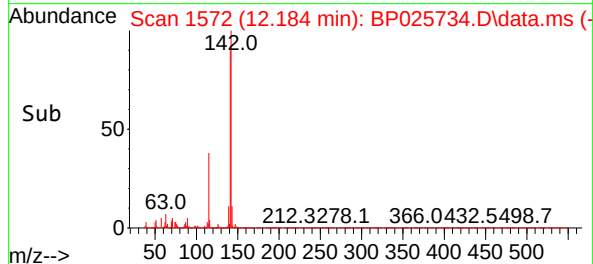
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:142 Resp: 751182  
Ion Ratio Lower Upper  
142 100  
141 89.6 69.6 104.4  
115 37.9 30.0 45.0

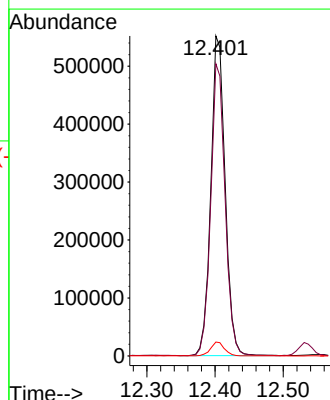
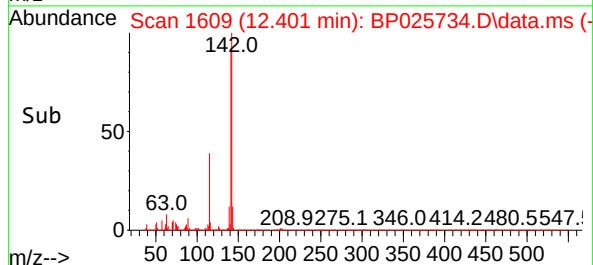
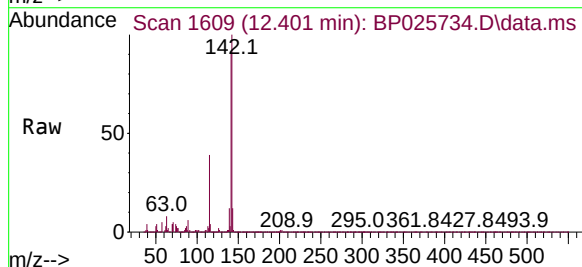
Manual Integrations  
APPROVED

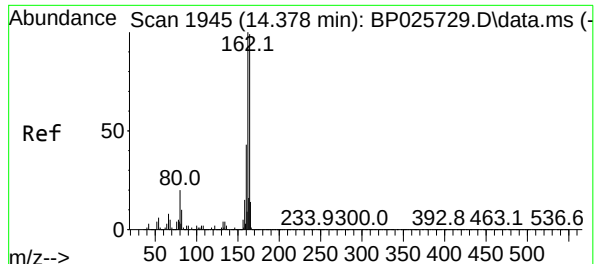
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#38  
1-Methylnaphthalene  
Concen: 40.566 ng  
RT: 12.401 min Scan# 1609  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

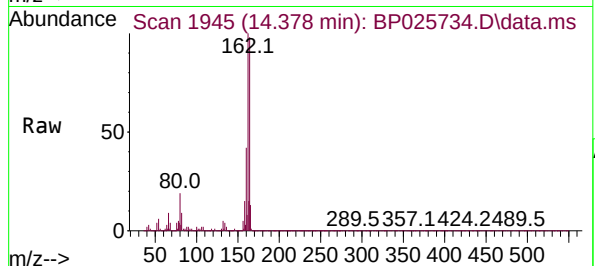
Tgt Ion:142 Resp: 804402  
Ion Ratio Lower Upper  
142 100  
141 91.3 72.7 109.1  
116 4.3 3.5 5.3





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.378 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

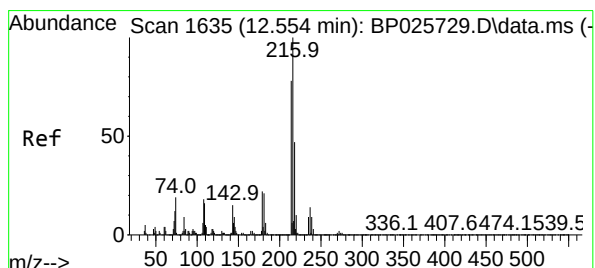
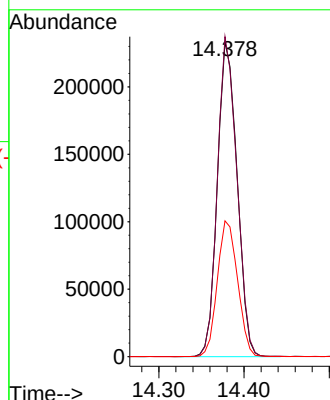
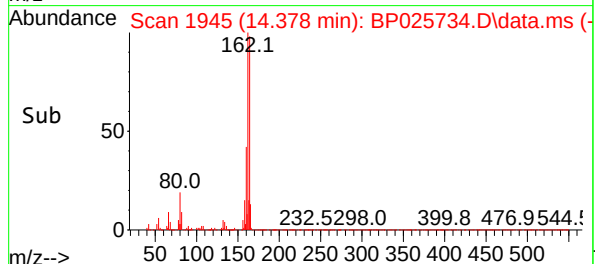
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



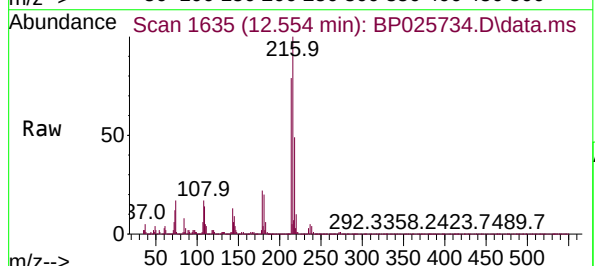
Tgt Ion:164 Resp: 375383  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.6 120.8  
160 43.1 35.0 52.6

Manual Integrations  
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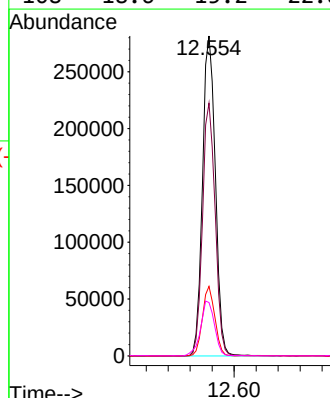
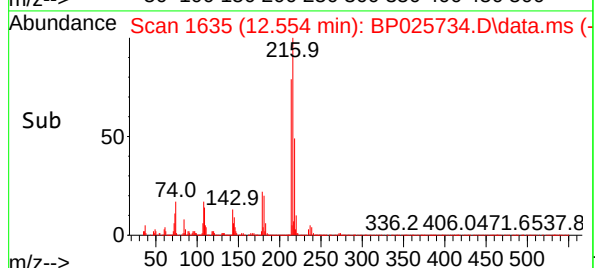
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

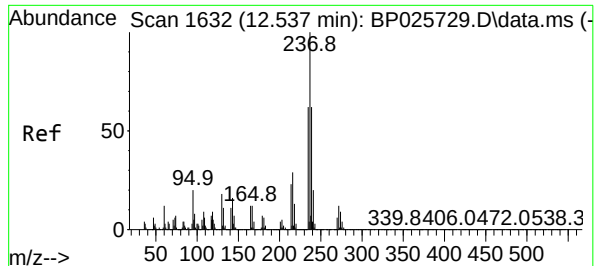


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.058 ng  
RT: 12.554 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54



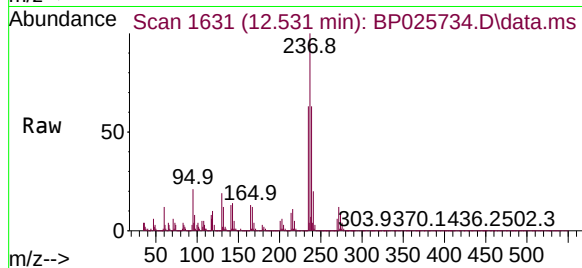
Tgt Ion:216 Resp: 455659  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.4 93.6  
179 21.0 17.0 25.6  
108 18.6 15.2 22.8





#41  
Hexachlorocyclopentadiene  
Concen: 40.525 ng  
RT: 12.531 min Scan# 1632  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

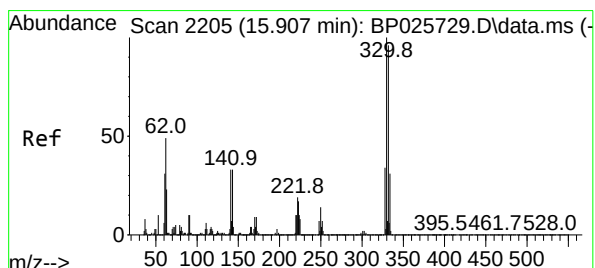
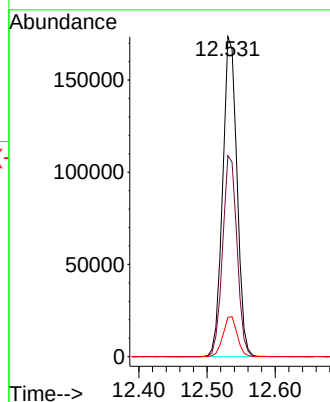
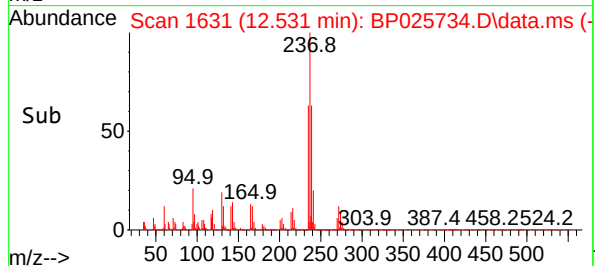
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 237 Resp: 251065  
Ion Ratio Lower Upper  
237 100  
235 62.8 41.9 81.9  
272 12.3 0.0 31.8

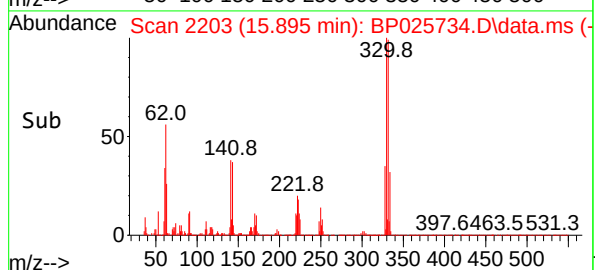
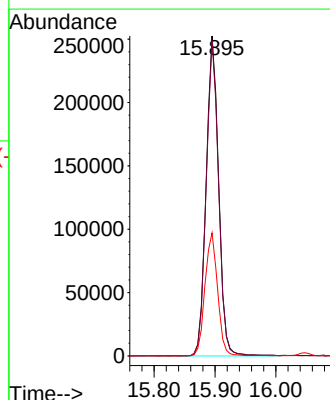
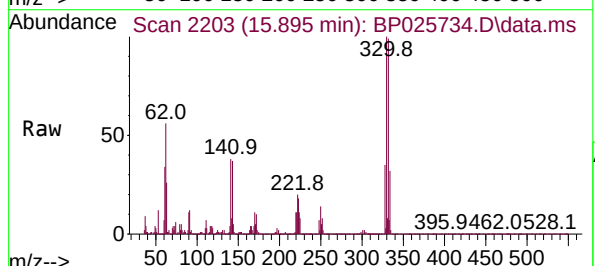
Manual Integrations  
APPROVED

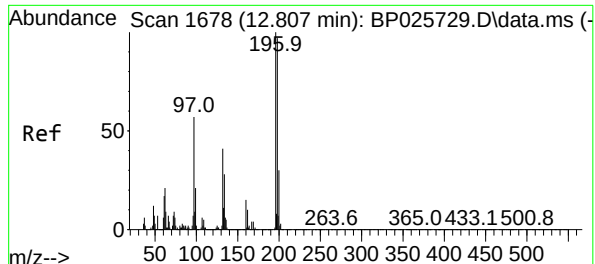
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#42  
2,4,6-Tribromophenol  
Concen: 76.715 ng  
RT: 15.895 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion: 330 Resp: 359192  
Ion Ratio Lower Upper  
330 100  
332 97.4 76.9 115.3  
141 39.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.695 ng

RT: 12.801 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

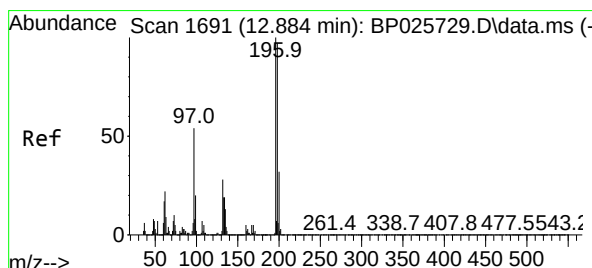
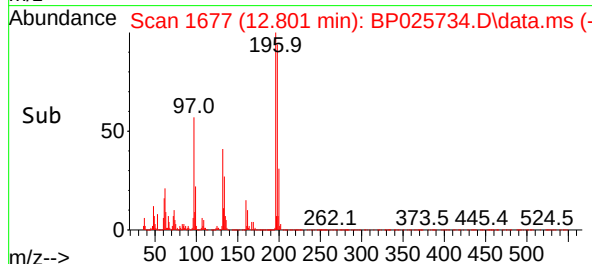
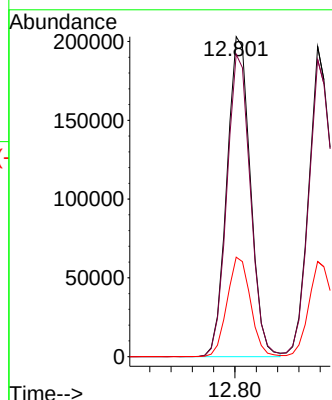
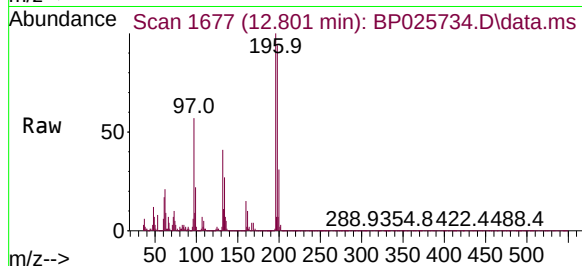
ICVBP091225

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 311792     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 94.5  | 77.2 115.8 |
| 200         | 31.1  | 24.2 36.2  |

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 40.344 ng

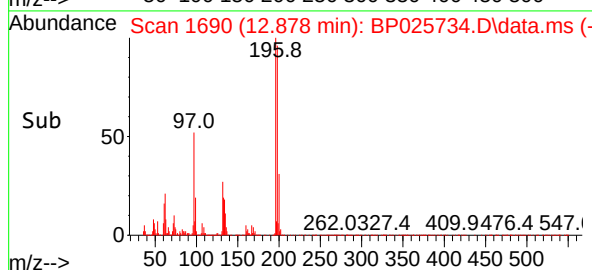
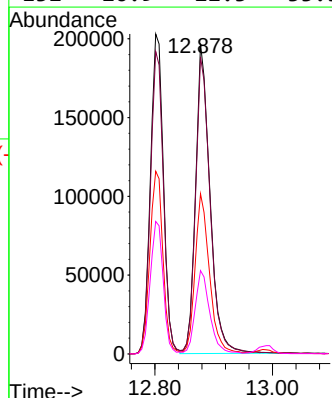
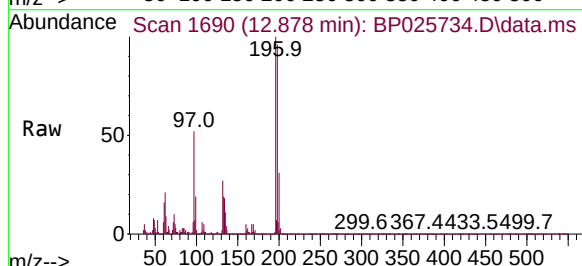
RT: 12.878 min Scan# 1690

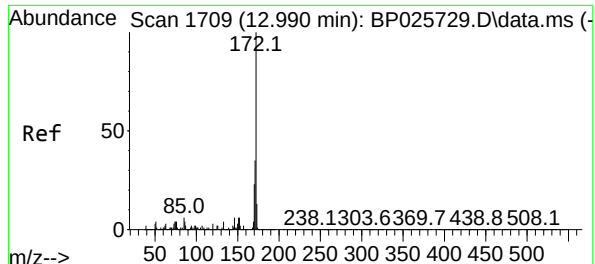
Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

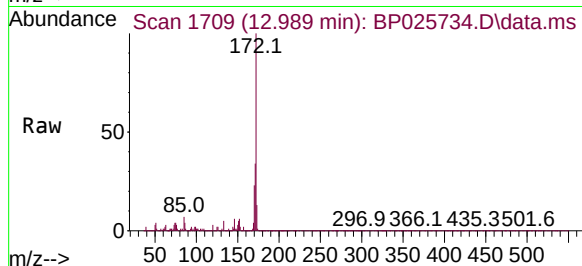
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 335762     |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 95.8  | 77.8 116.8 |
| 97          | 51.6  | 43.3 64.9  |
| 132         | 26.9  | 22.3 33.5  |





#45  
2-Fluorobiphenyl  
Concen: 69.102 ng  
RT: 12.989 min Scan# 1709  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

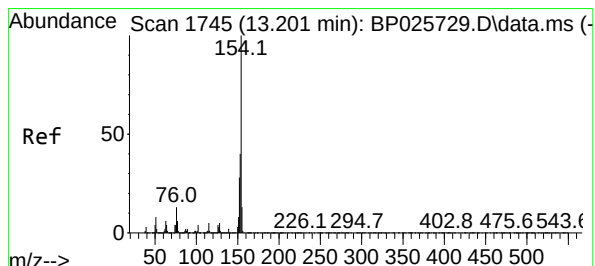
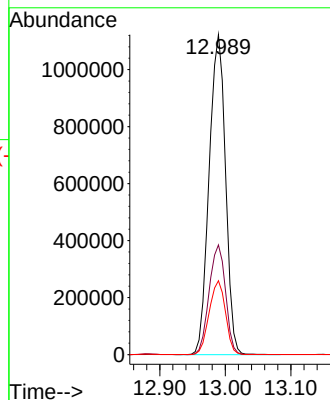
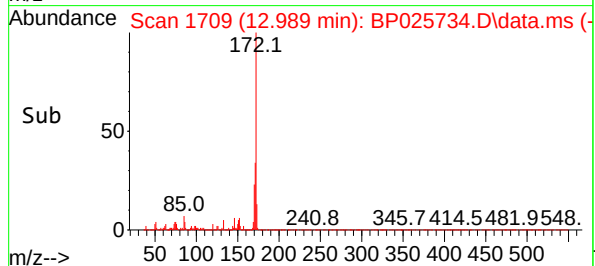
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:172 Resp: 1948137  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.8 41.6  
170 23.1 18.6 27.8

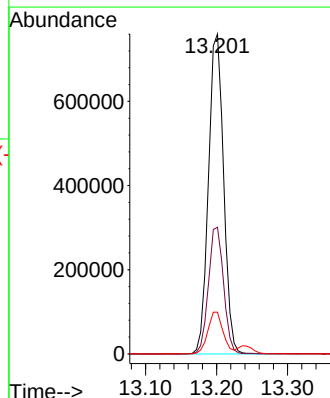
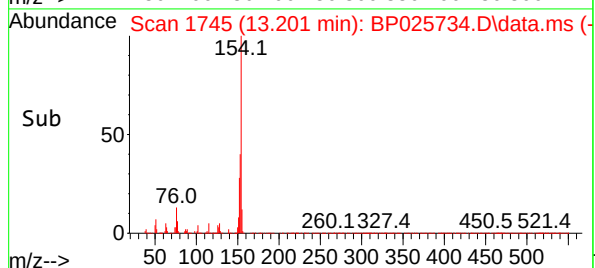
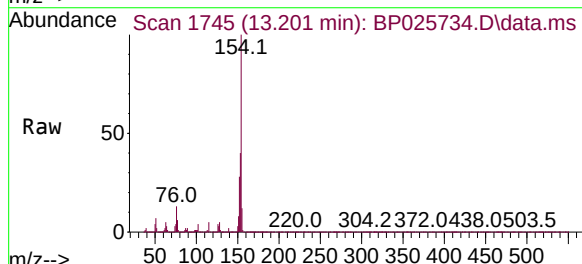
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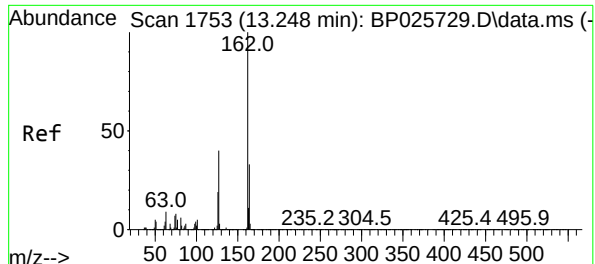
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#46  
1,1'-Biphenyl  
Concen: 40.692 ng  
RT: 13.201 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:154 Resp: 1121205  
Ion Ratio Lower Upper  
154 100  
153 39.6 19.7 59.7  
76 13.0 0.0 33.3





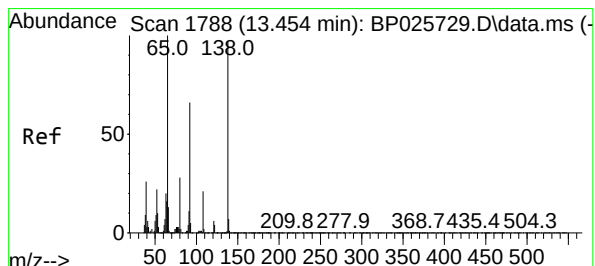
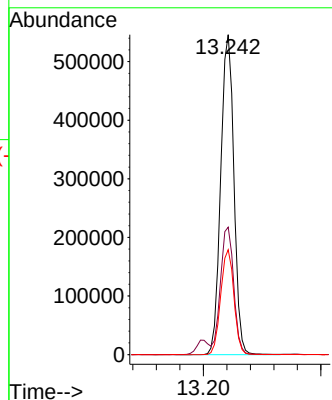
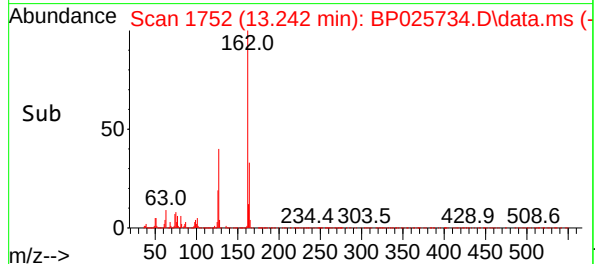
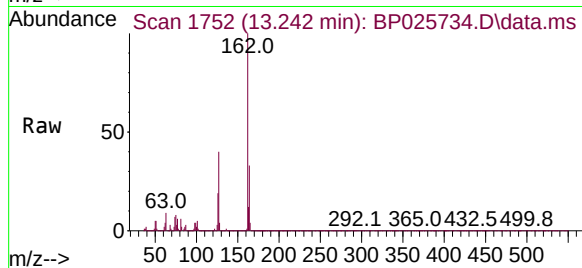
#47  
2-Chloronaphthalene  
Concen: 39.167 ng  
RT: 13.242 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Tgt Ion:162 Resp: 849753  
Ion Ratio Lower Upper  
162 100  
127 39.8 32.2 48.4  
164 32.8 26.5 39.7

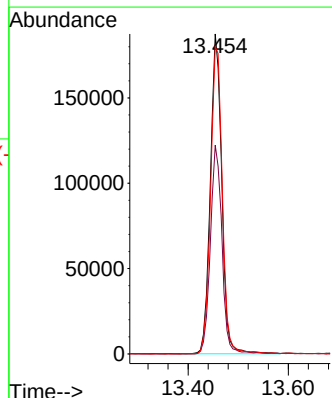
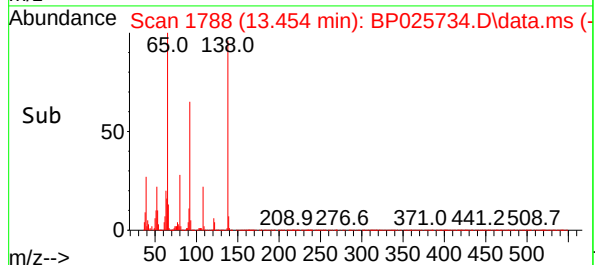
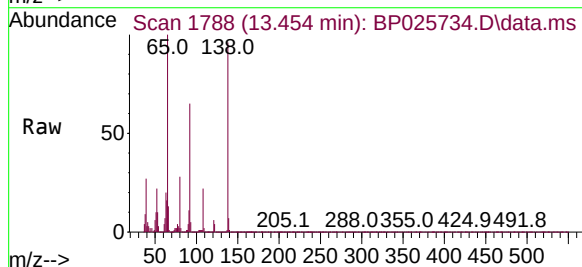
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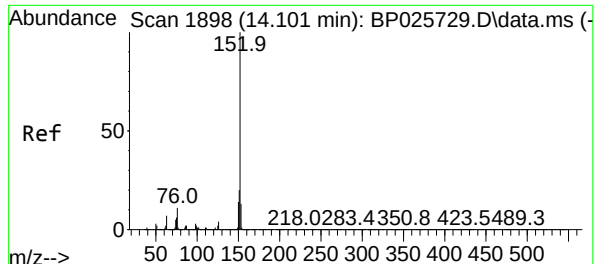
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#48  
2-Nitroaniline  
Concen: 41.012 ng  
RT: 13.454 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion: 65 Resp: 296601  
Ion Ratio Lower Upper  
65 100  
92 65.3 53.1 79.7  
138 96.0 77.8 116.8





#49

Acenaphthylene

Concen: 39.820 ng

RT: 14.101 min Scan# 1898

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion:152 Resp: 1431405

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

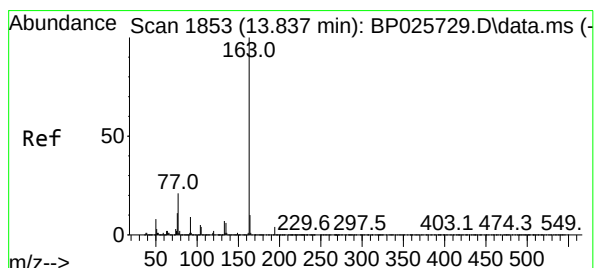
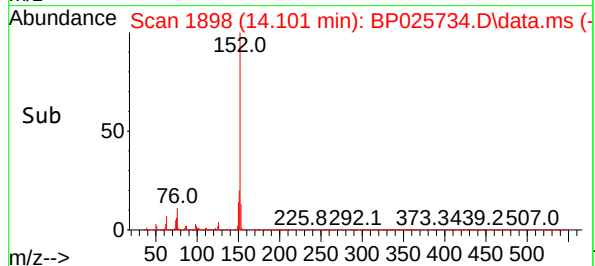
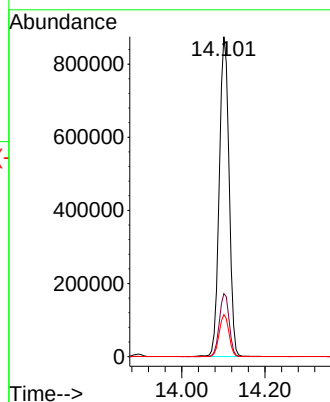
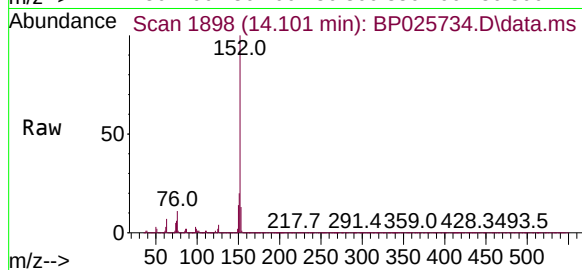
153 13.1 10.5 15.7

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 39.480 ng

RT: 13.836 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

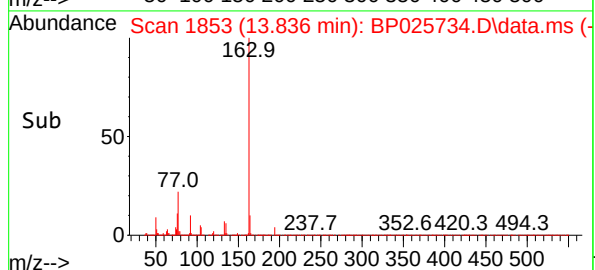
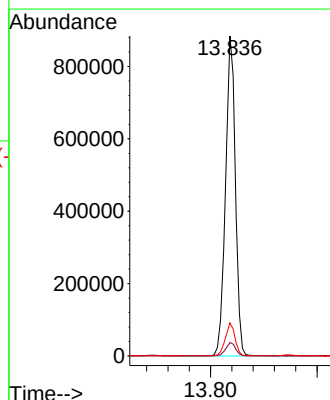
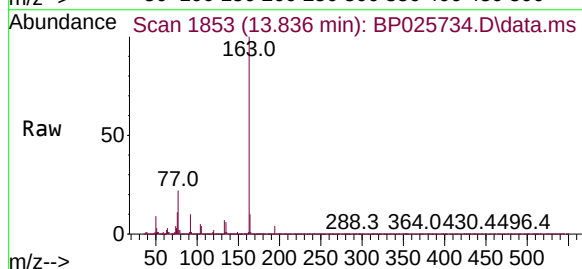
Tgt Ion:163 Resp: 1131460

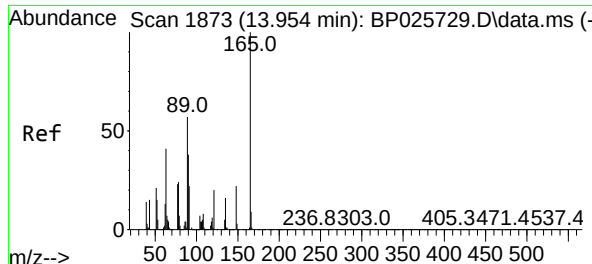
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.3 8.2 12.2





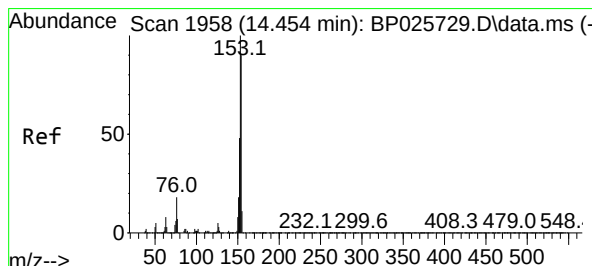
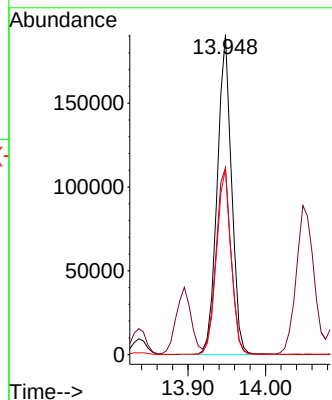
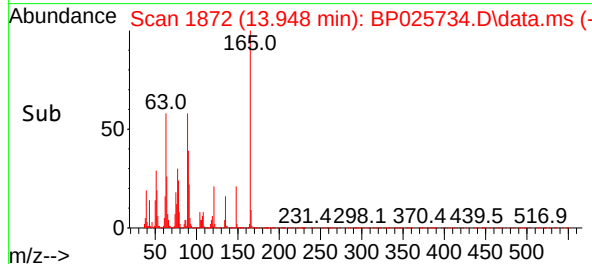
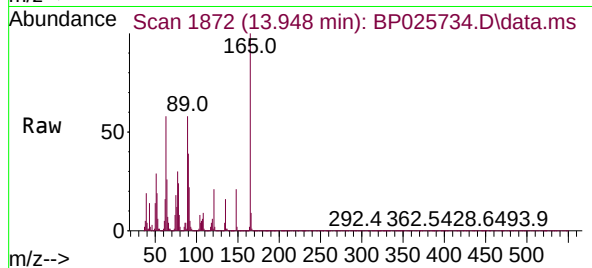
#51  
2,6-Dinitrotoluene  
Concen: 40.363 ng  
RT: 13.948 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Tgt Ion:165 Resp: 245080  
Ion Ratio Lower Upper  
165 100  
63 58.4 48.1 72.1  
89 58.1 45.4 68.0

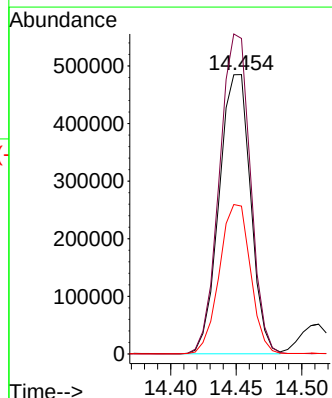
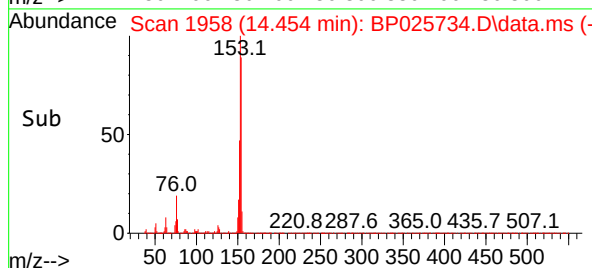
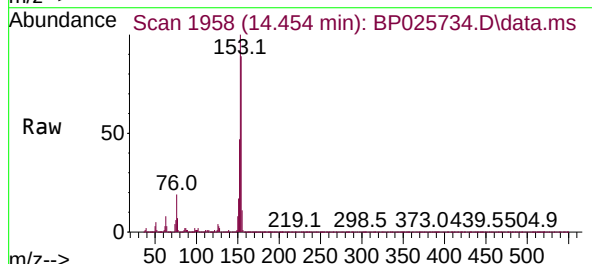
Manual Integrations  
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Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

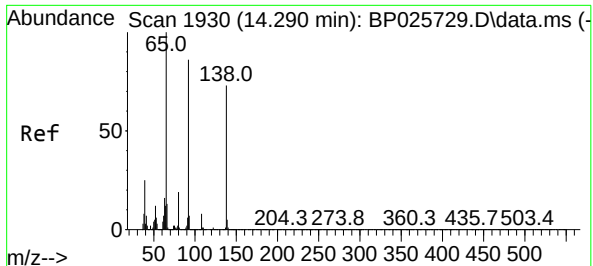


#52  
Acenaphthene  
Concen: 39.008 ng  
RT: 14.454 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:154 Resp: 808647  
Ion Ratio Lower Upper  
154 100  
153 112.9 89.4 134.0  
152 52.9 42.5 63.7

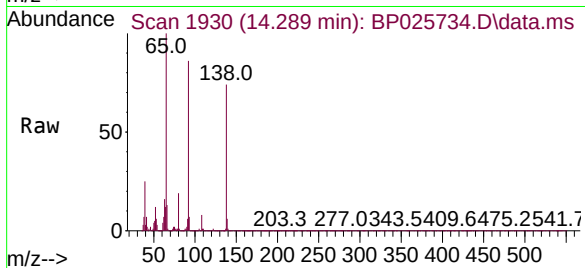






#53  
3-Nitroaniline  
Concen: 40.770 ng  
RT: 14.289 min Scan# 1930  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

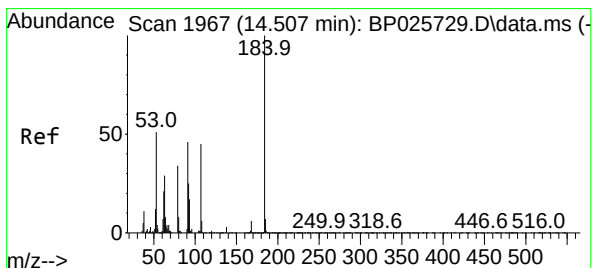
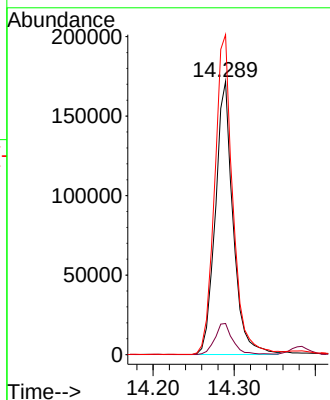
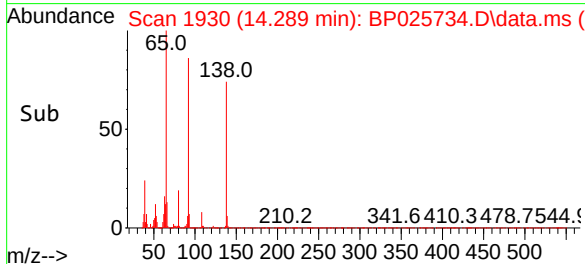
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:138 Resp: 260323  
Ion Ratio Lower Upper  
138 100  
108 11.4 8.7 13.1  
92 117.1 94.6 142.0

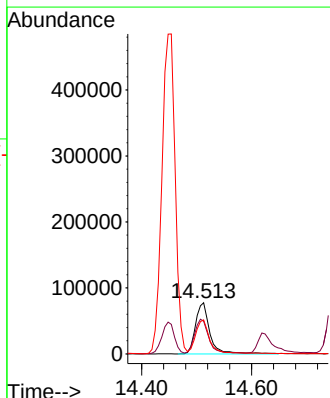
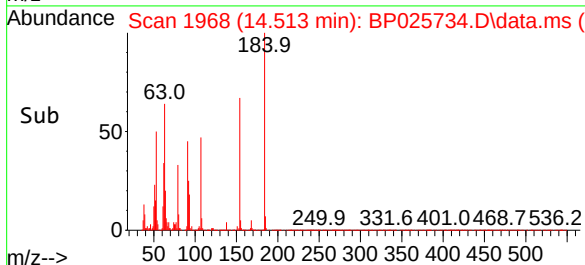
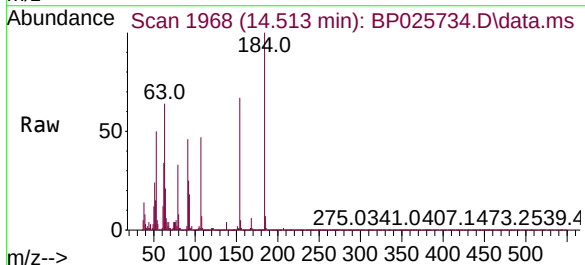
Manual Integrations  
APPROVED

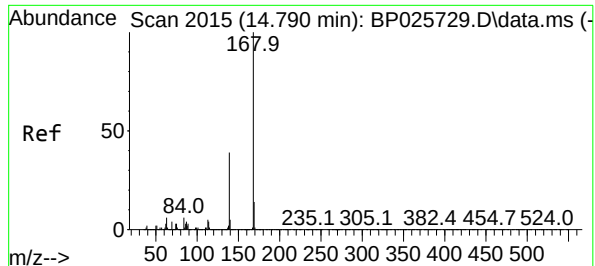
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#54  
2,4-Dinitrophenol  
Concen: 38.055 ng  
RT: 14.513 min Scan# 1968  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

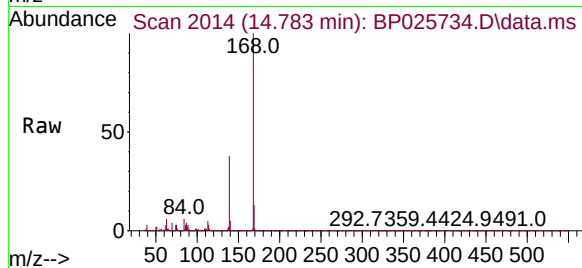
Tgt Ion:184 Resp: 139609  
Ion Ratio Lower Upper  
184 100  
63 64.0 52.5 78.7  
154 66.5 51.5 77.3





#55  
Dibenzenofuran  
Concen: 39.353 ng  
RT: 14.783 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

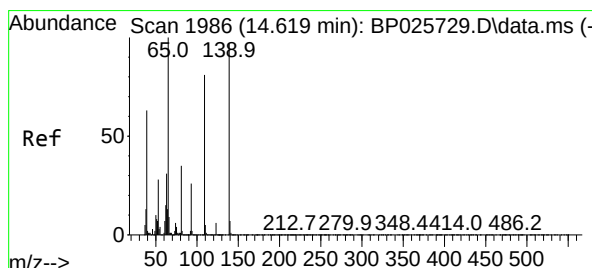
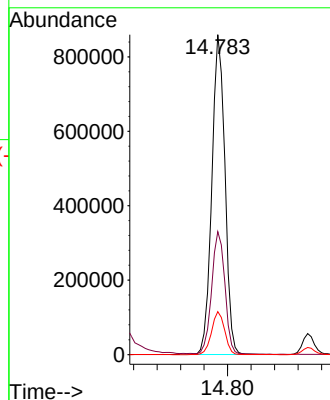
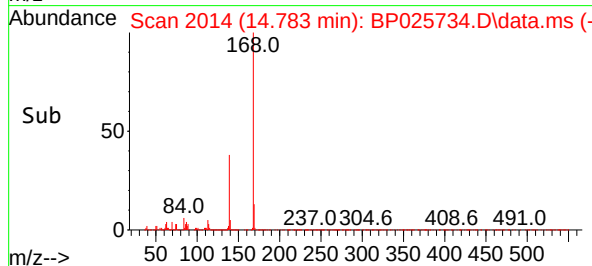
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:168 Resp: 1329616  
Ion Ratio Lower Upper  
168 100  
139 38.4 31.7 47.5  
169 13.4 10.8 16.2

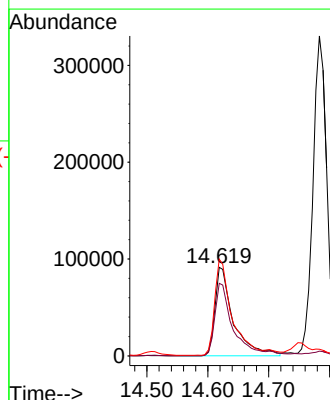
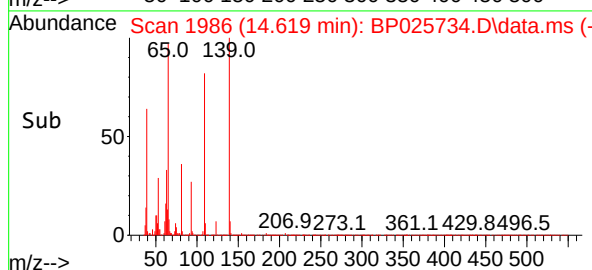
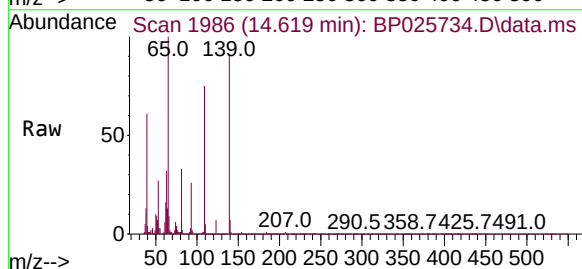
Manual Integrations  
APPROVED

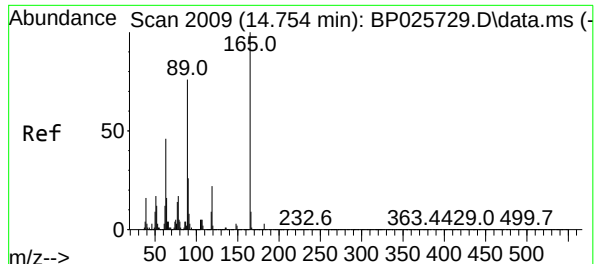
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#56  
4-Nitrophenol  
Concen: 37.582 ng  
RT: 14.619 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

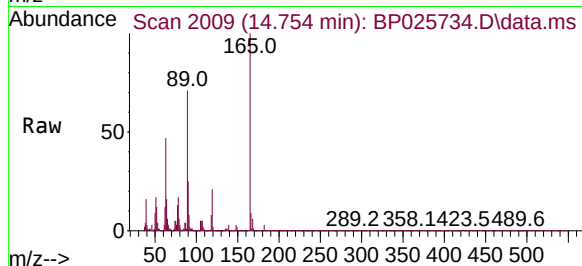
Tgt Ion:139 Resp: 192803  
Ion Ratio Lower Upper  
139 100  
109 81.9 62.9 102.9  
65 109.3 83.4 123.4





#57  
2,4-Dinitrotoluene  
Concen: 40.928 ng  
RT: 14.754 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

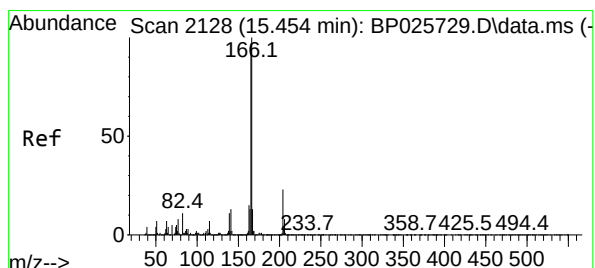
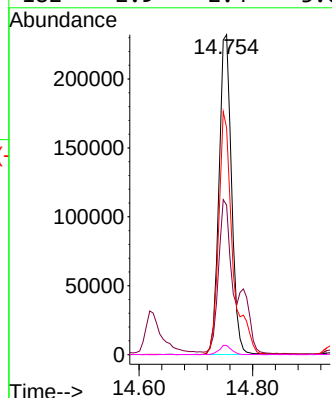
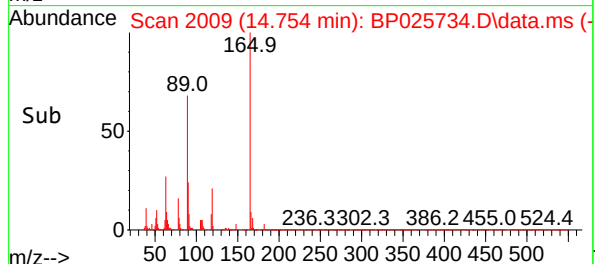
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:165 Resp: 353669  
Ion Ratio Lower Upper  
165 100  
63 46.7 37.7 56.5  
89 70.8 61.0 91.6  
182 2.9 2.4 3.6

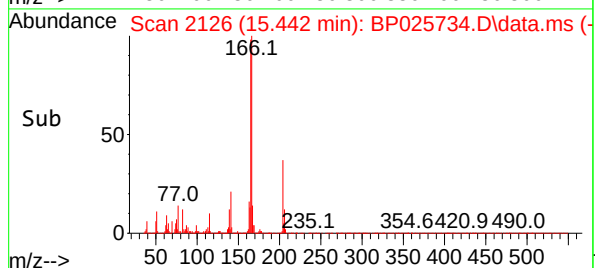
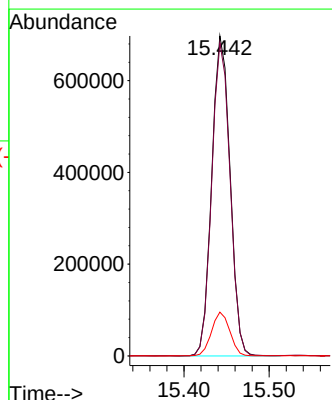
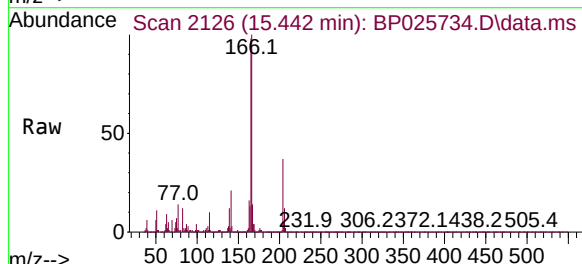
Manual Integrations  
APPROVED

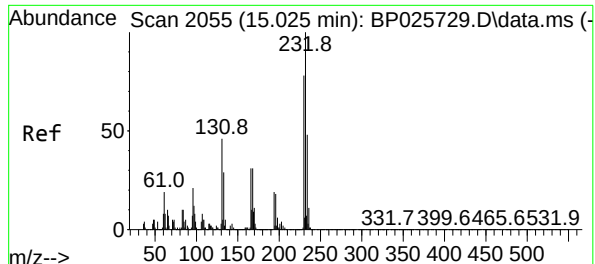
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#58  
Fluorene  
Concen: 38.831 ng  
RT: 15.442 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

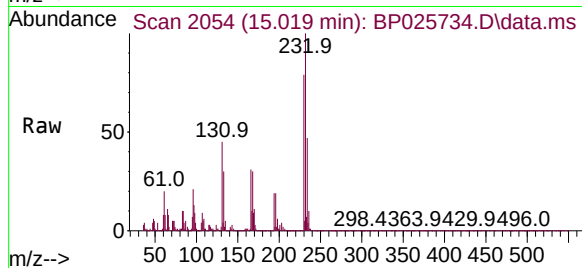
Tgt Ion:166 Resp: 1043250  
Ion Ratio Lower Upper  
166 100  
165 97.8 77.7 116.5  
167 13.7 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.712 ng  
RT: 15.019 min Scan# 2054  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

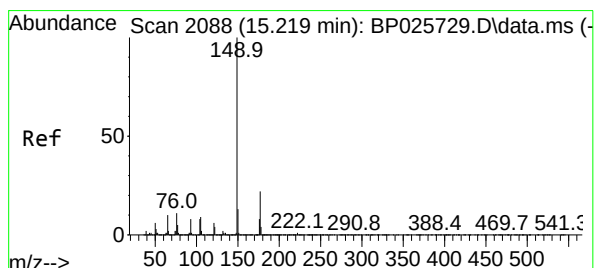
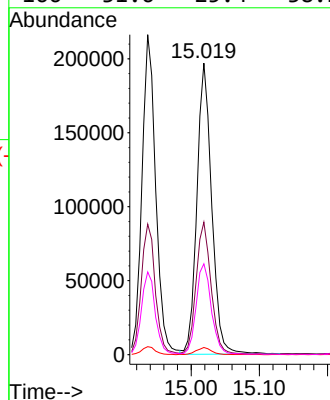
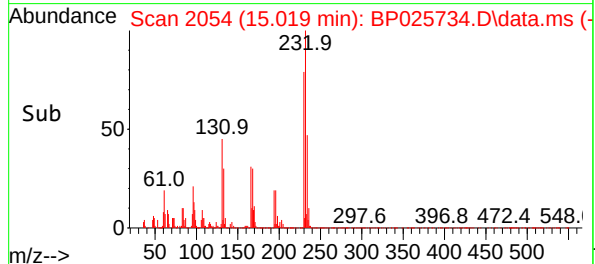
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:232 Resp: 297719  
Ion Ratio Lower Upper  
232 100  
131 45.5 36.7 55.1  
130 2.6 2.0 3.0  
166 31.6 25.4 38.2

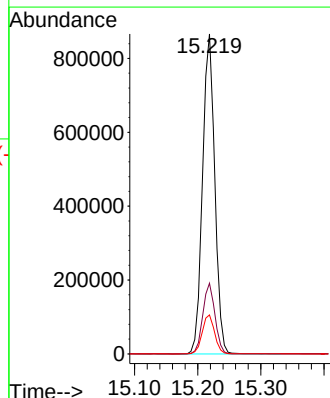
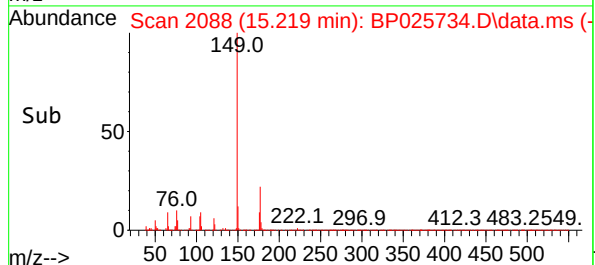
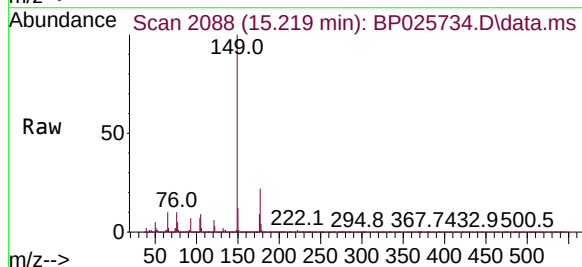
Manual Integrations  
APPROVED

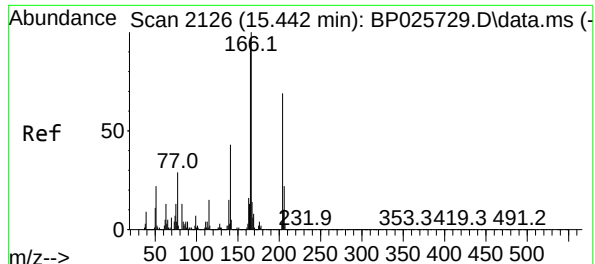
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#60  
Diethylphthalate  
Concen: 40.039 ng  
RT: 15.219 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 1163950  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.7 26.5  
150 12.2 10.0 15.0





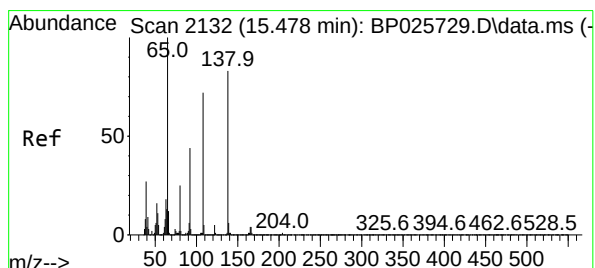
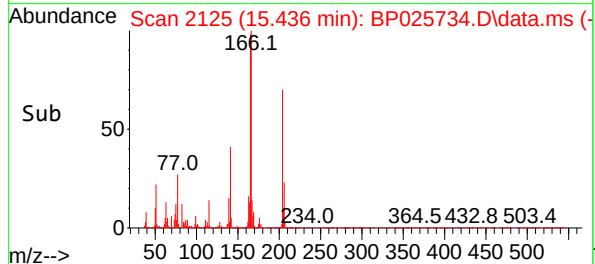
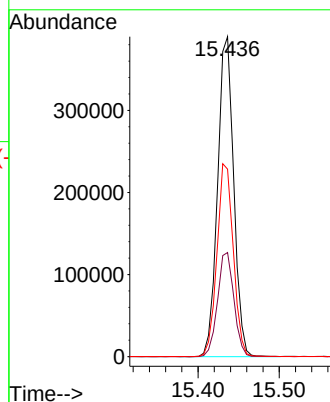
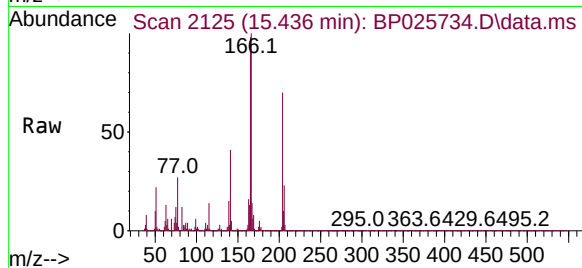
#61  
4-Chlorophenyl-phenylether  
Concen: 39.592 ng  
RT: 15.436 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Tgt Ion:204 Resp: 536069  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.0 39.0  
141 58.6 49.7 74.5

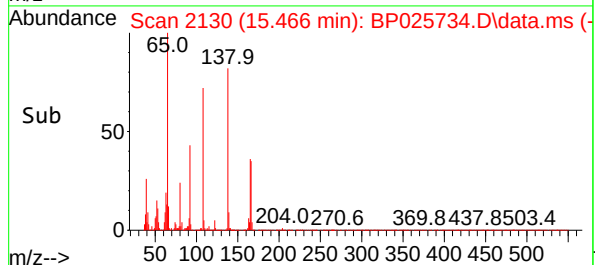
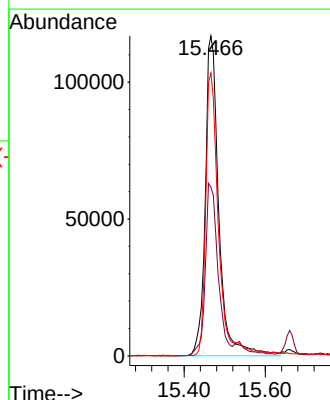
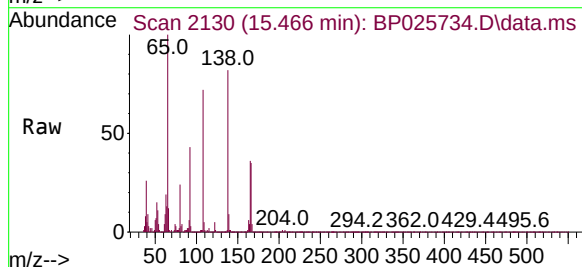
Manual Integrations  
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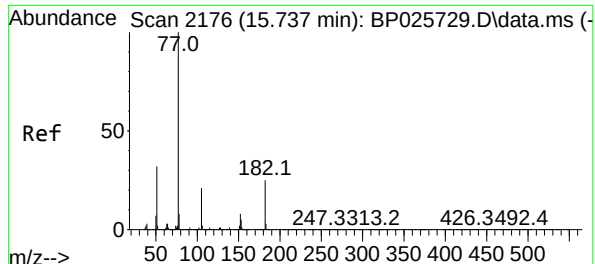
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#62  
4-Nitroaniline  
Concen: 41.707 ng  
RT: 15.466 min Scan# 2130  
Delta R.T. -0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

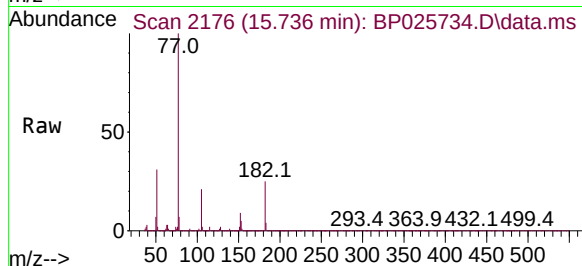
Tgt Ion:138 Resp: 272817  
Ion Ratio Lower Upper  
138 100  
92 52.7 33.3 73.3  
108 88.4 66.7 106.7





#63  
Azobenzene  
Concen: 39.657 ng  
RT: 15.736 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

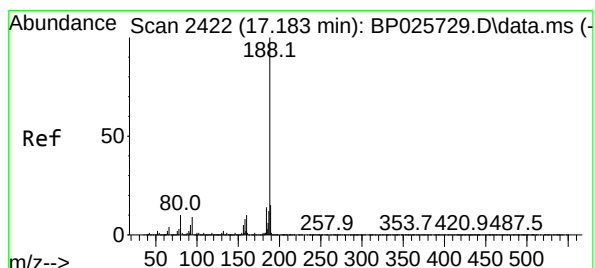
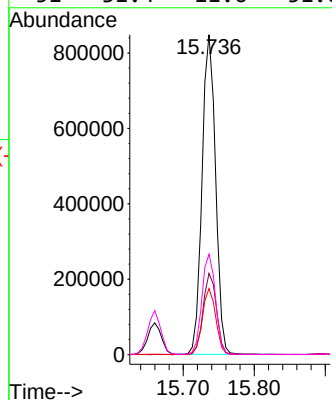
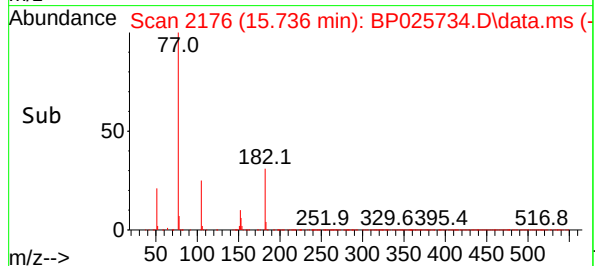
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 77 Resp: 111473  
Ion Ratio Lower Upper  
77 100  
182 25.4 5.2 45.2  
105 20.6 1.1 41.1  
51 31.4 11.6 51.6

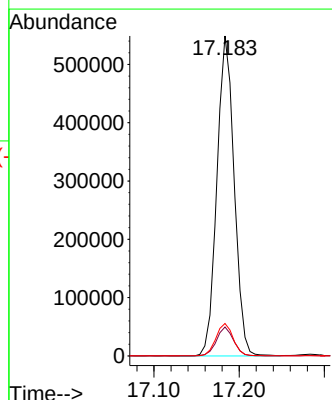
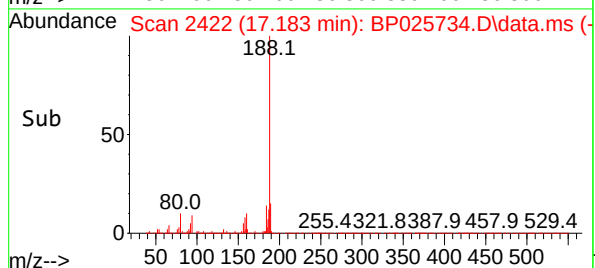
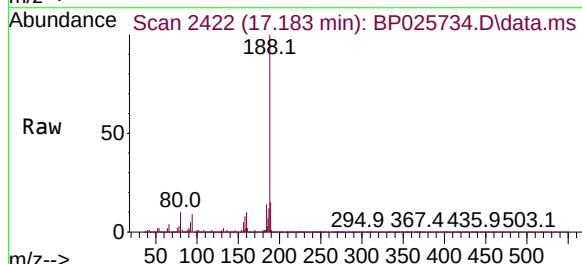
Manual Integrations  
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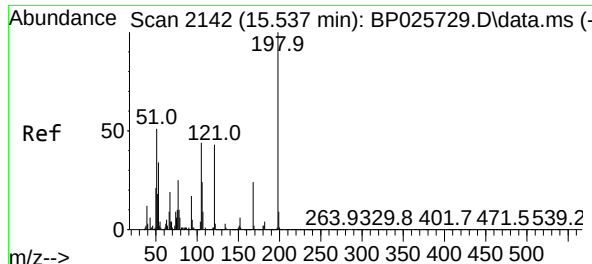
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.183 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:188 Resp: 771844  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.4 11.0  
80 10.1 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 39.916 ng

RT: 15.536 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion:198 Resp: 204888

Ion Ratio Lower Upper

198 100

51 50.3 33.4 73.4

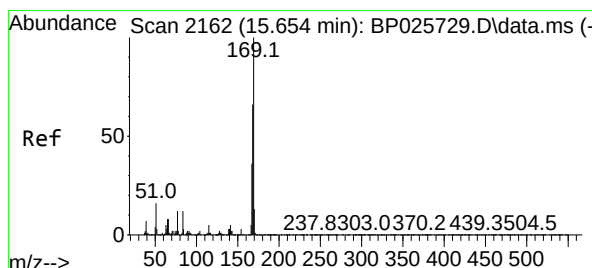
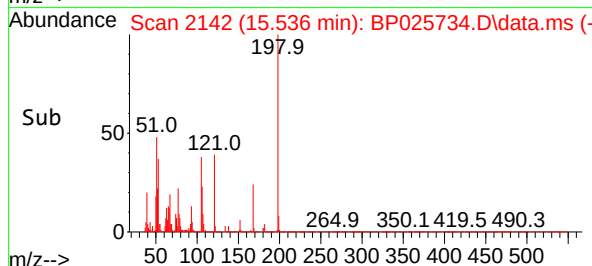
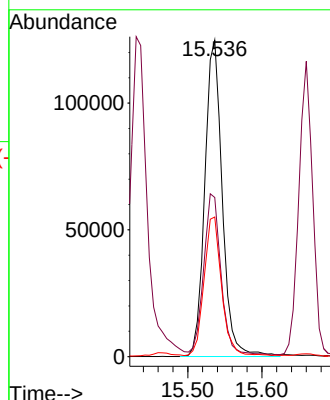
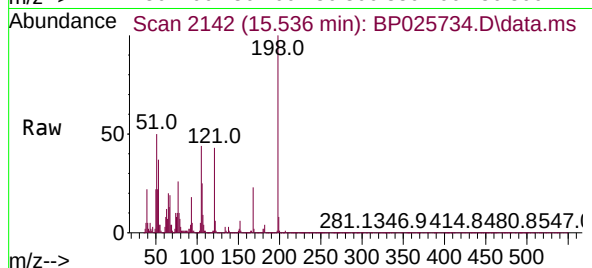
105 44.1 24.3 64.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 39.780 ng

RT: 15.660 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

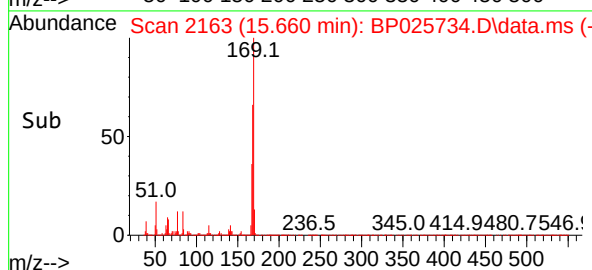
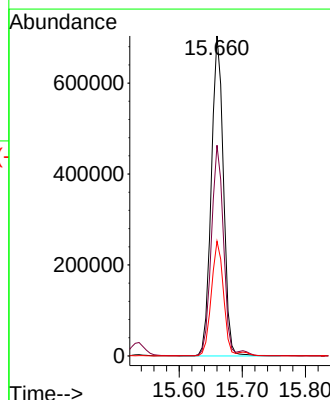
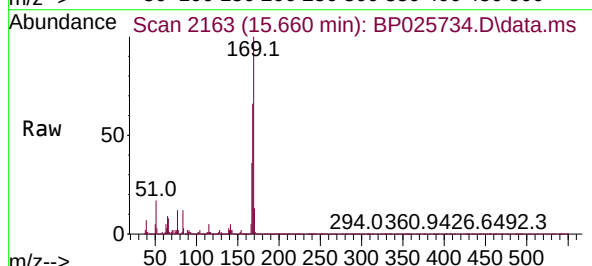
Tgt Ion:169 Resp: 939618

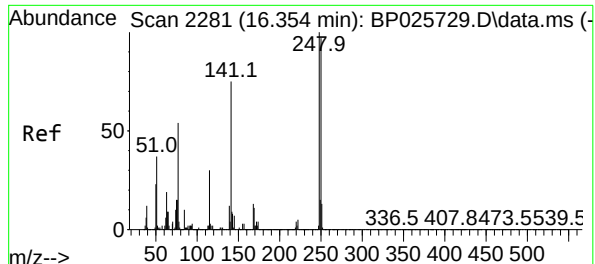
Ion Ratio Lower Upper

169 100

168 65.8 52.6 78.8

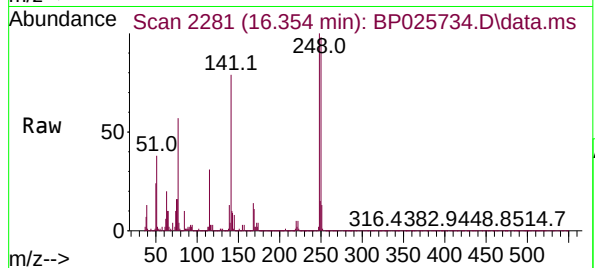
167 35.8 28.5 42.7





#67  
4-Bromophenyl-phenylether  
Concen: 40.075 ng  
RT: 16.354 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

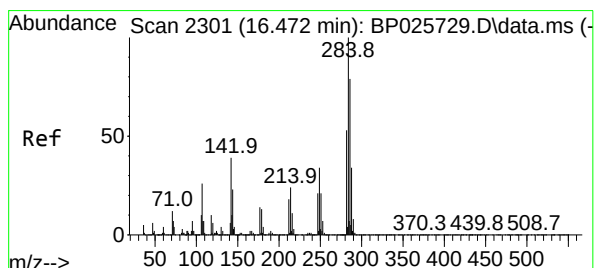
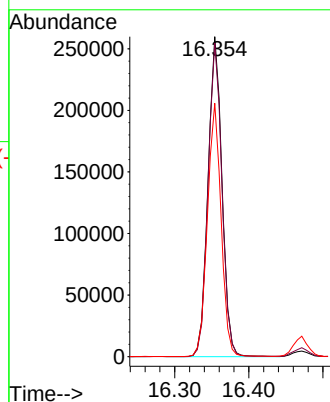
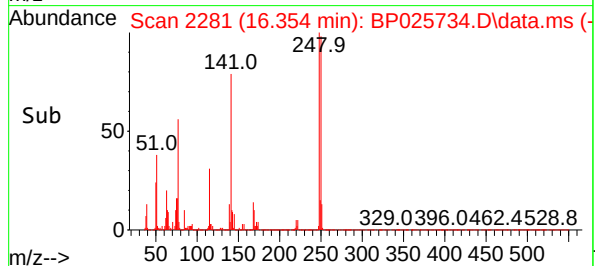
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:248 Resp: 339813  
Ion Ratio Lower Upper  
248 100  
250 98.0 77.5 116.3  
141 79.2 60.2 90.4

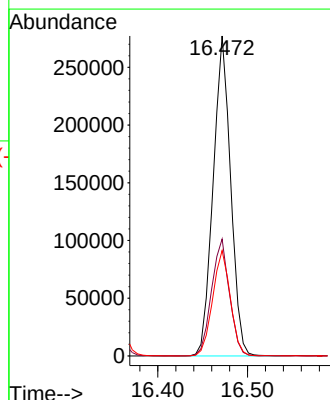
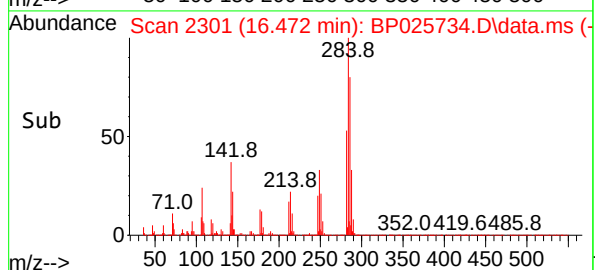
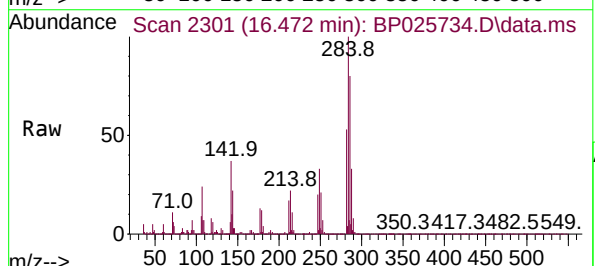
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Supervised By :Jagrut Upadhyay 09/12/2025

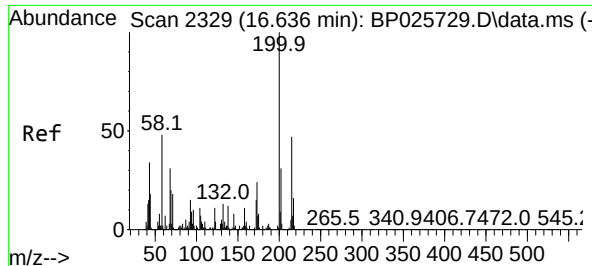


#68  
Hexachlorobenzene  
Concen: 39.667 ng  
RT: 16.472 min Scan# 2301  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:284 Resp: 375085  
Ion Ratio Lower Upper  
284 100  
142 36.5 31.3 46.9  
249 32.9 27.3 40.9

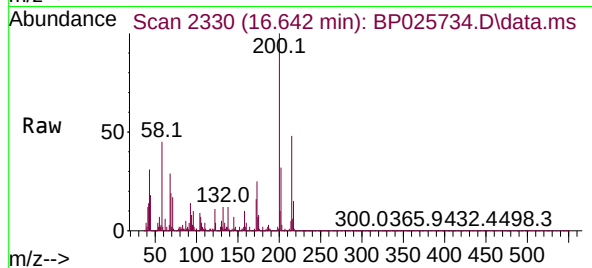






#69  
Atrazine  
Concen: 40.399 ng  
RT: 16.642 min Scan# 2330  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

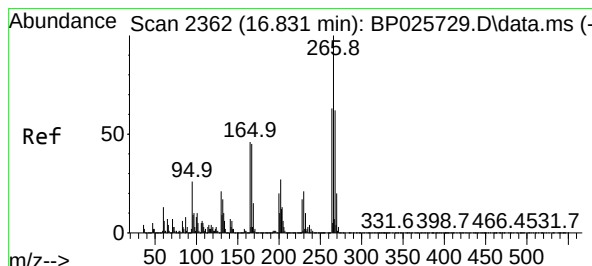
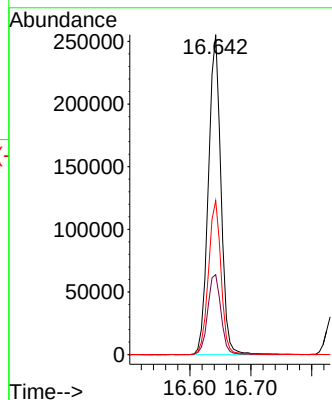
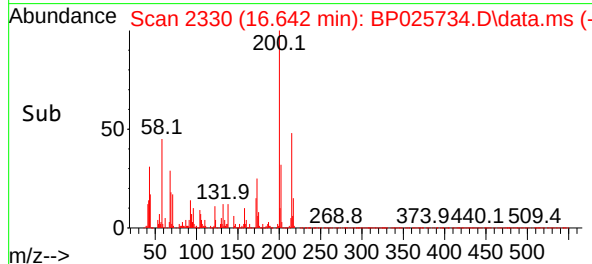
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:200 Resp: 364755  
Ion Ratio Lower Upper  
200 100  
173 25.0 4.2 44.2  
215 48.1 27.3 67.3

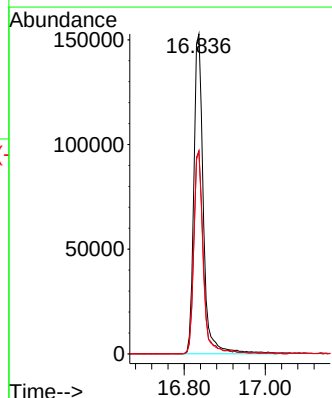
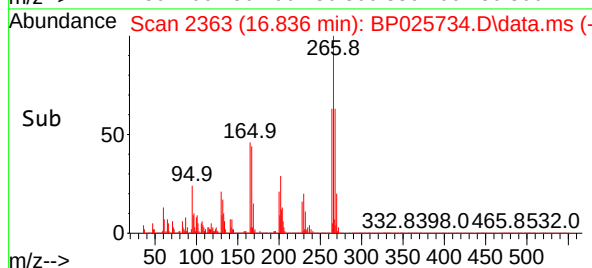
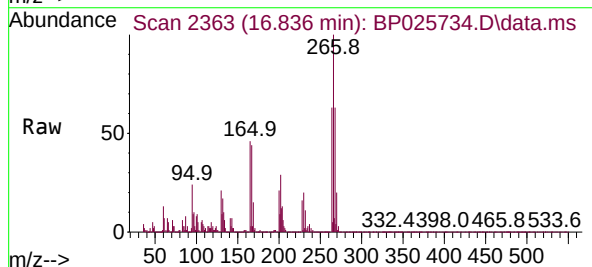
Manual Integrations  
APPROVED

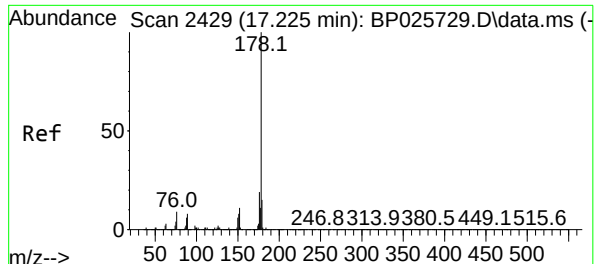
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#70  
Pentachlorophenol  
Concen: 39.784 ng  
RT: 16.836 min Scan# 2363  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

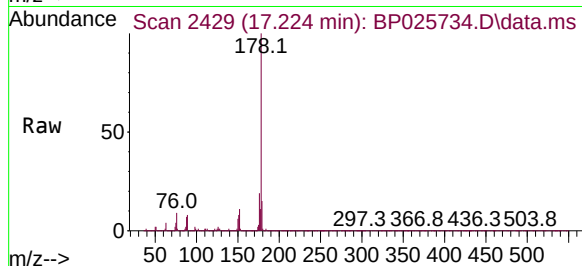
Tgt Ion:266 Resp: 248287  
Ion Ratio Lower Upper  
266 100  
268 63.5 49.8 74.8  
264 63.2 50.2 75.2





#71  
Phenanthrene  
Concen: 39.210 ng  
RT: 17.224 min Scan# 2429  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

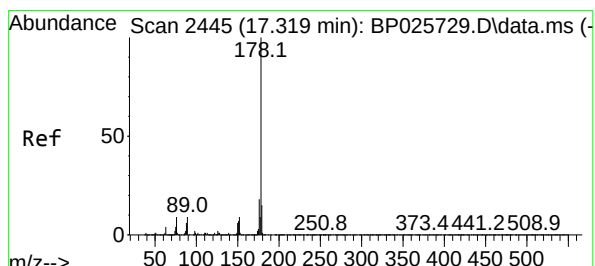
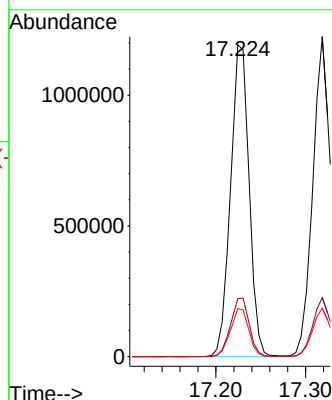
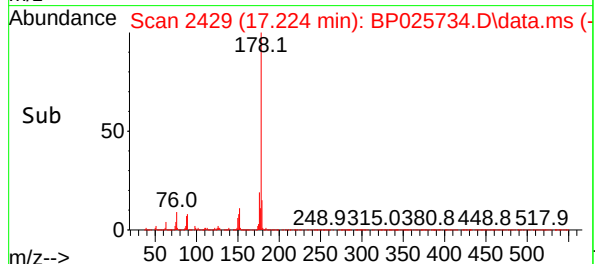
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



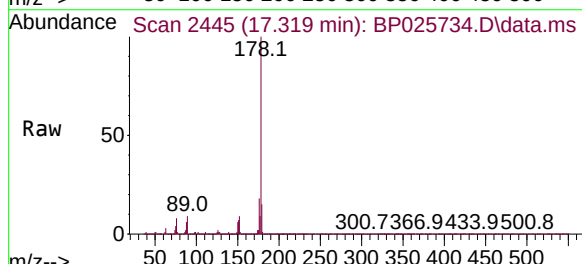
Tgt Ion:178 Resp: 1716732  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.4 23.2  
179 15.5 12.2 18.4

Manual Integrations  
APPROVED

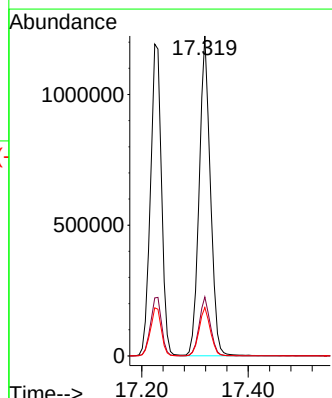
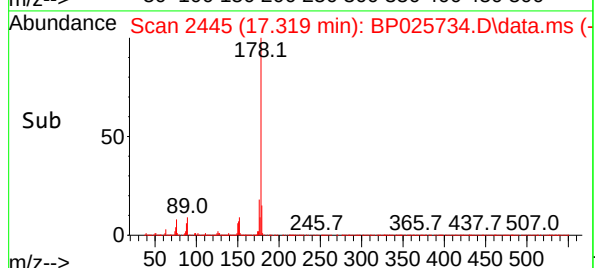
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

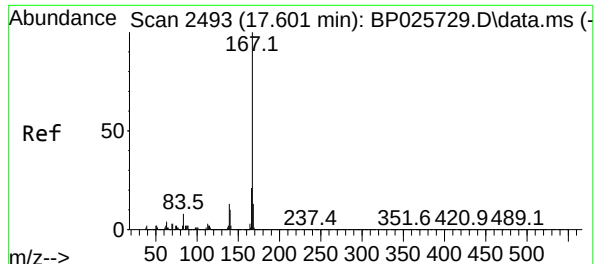


#72  
Anthracene  
Concen: 40.026 ng  
RT: 17.319 min Scan# 2445  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54



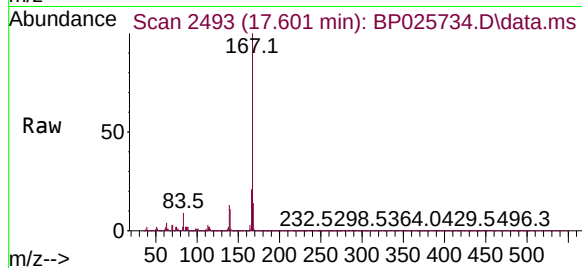
Tgt Ion:178 Resp: 1778123  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 15.1 12.2 18.4





#73  
Carbazole  
Concen: 39.095 ng  
RT: 17.601 min Scan# 2493  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

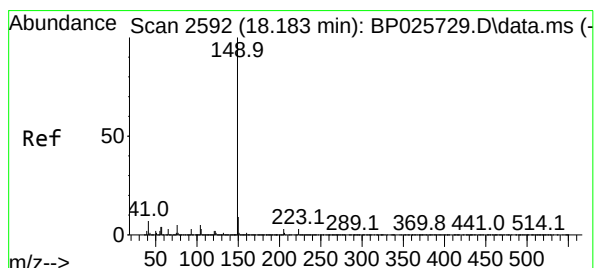
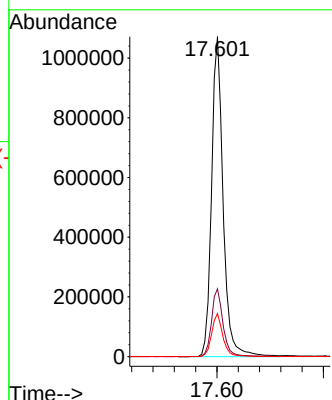
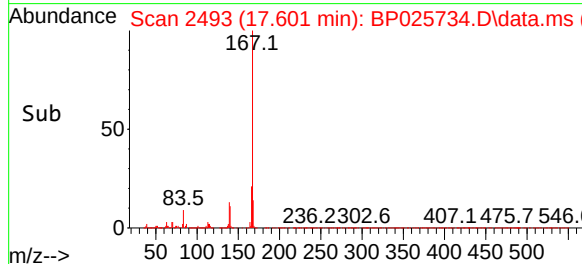
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:167 Resp: 161464  
Ion Ratio Lower Upper  
167 100  
166 21.2 17.0 25.4  
139 13.5 10.6 16.0

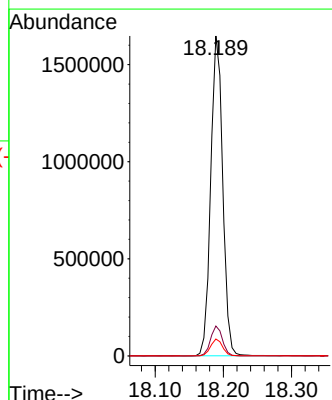
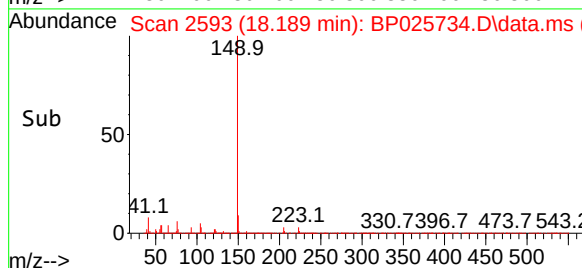
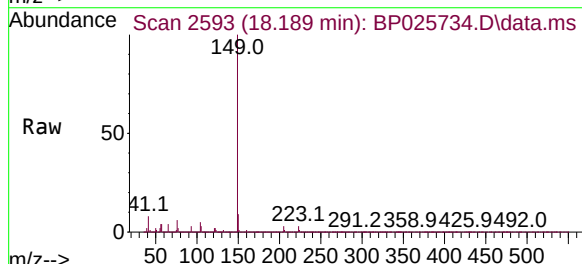
Manual Integrations  
APPROVED

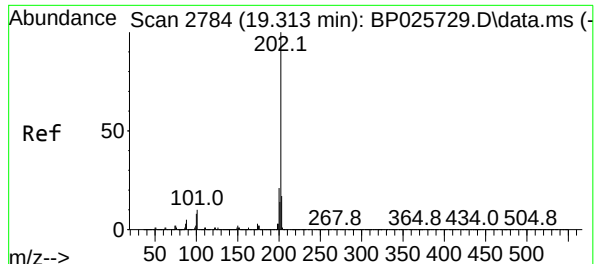
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#74  
Di-n-butylphthalate  
Concen: 39.763 ng  
RT: 18.189 min Scan# 2593  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 2015320  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.0  
104 5.3 4.3 6.5





#75  
Fluoranthene  
Concen: 38.475 ng  
RT: 19.324 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

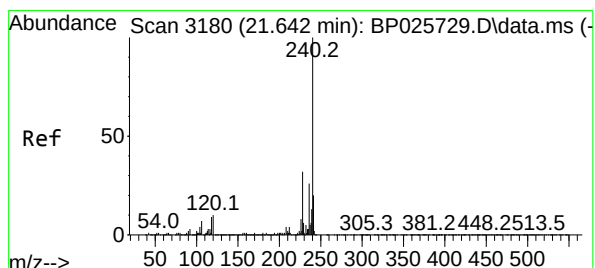
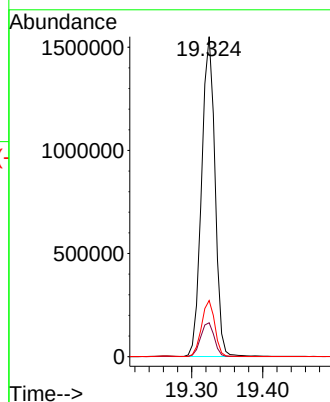
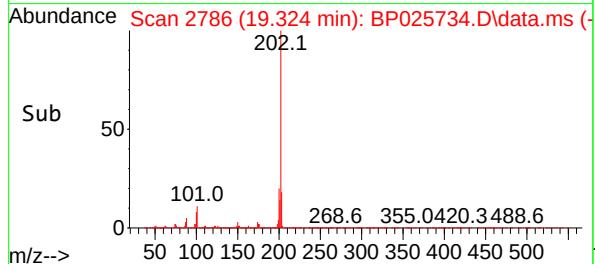
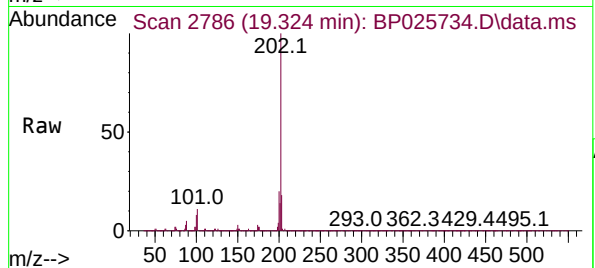
ICVBP091225

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.6  | 0.0   | 30.4  |
| 203     | 17.6  | 0.0   | 37.4  |

Manual Integrations

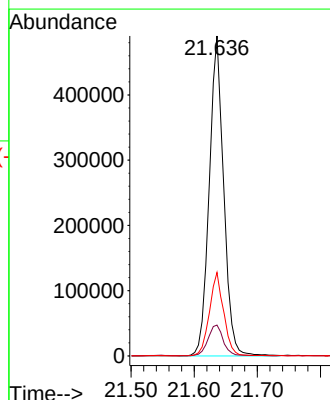
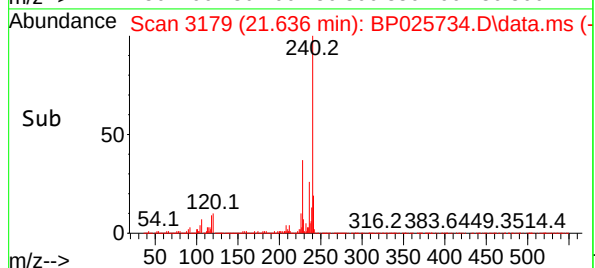
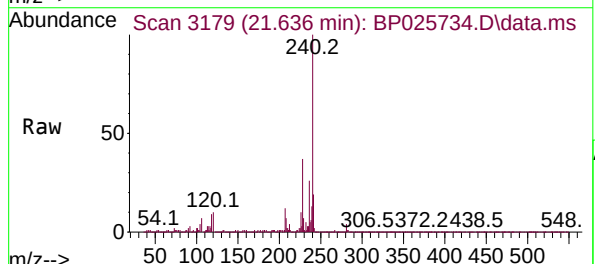
APPROVED

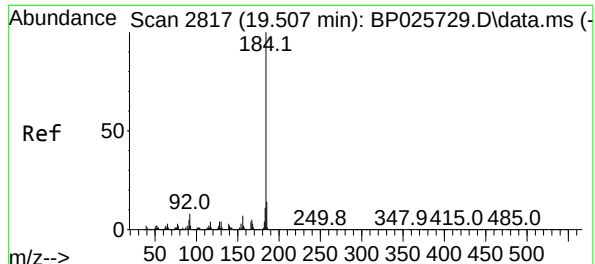
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3179  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.6   | 8.0   | 12.0  |
| 236     | 26.1  | 20.7  | 31.1  |





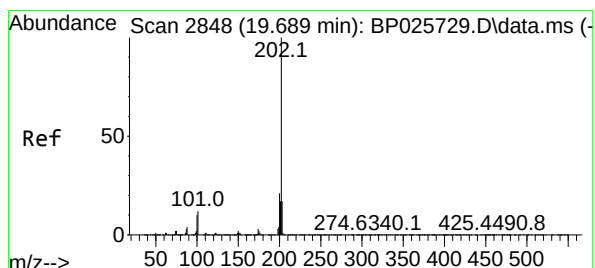
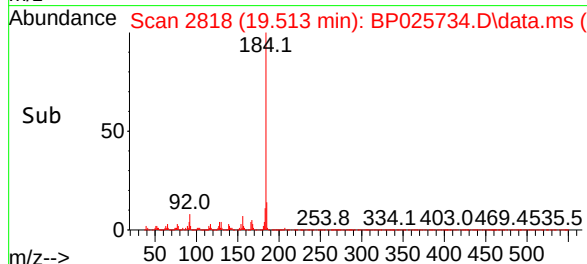
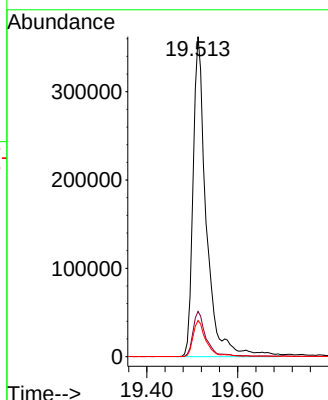
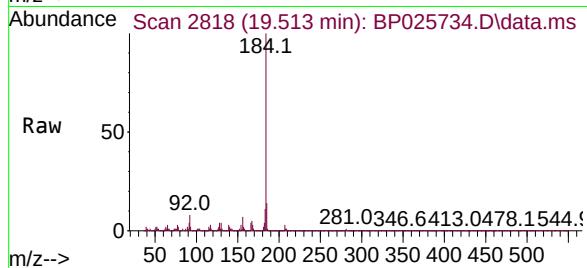
#77  
Benzidine  
Concen: 32.730 ng m  
RT: 19.513 min Scan# 2818  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Tgt Ion:184 Resp: 735659  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.5 17.3  
183 11.3 9.2 13.8

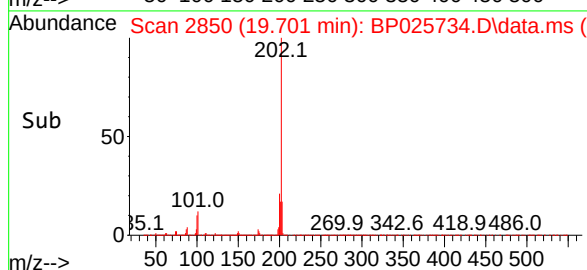
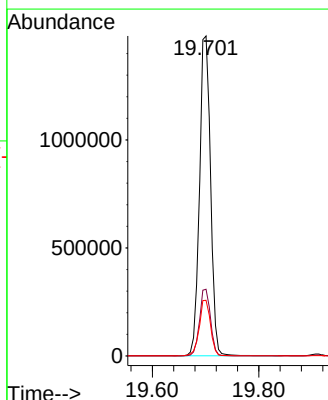
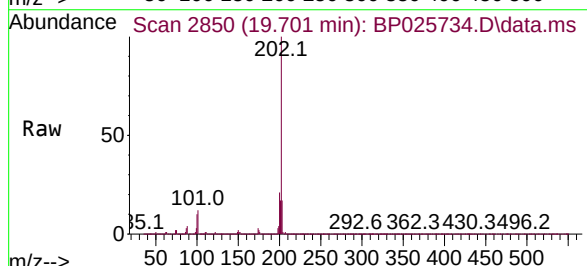
Manual Integrations  
APPROVED

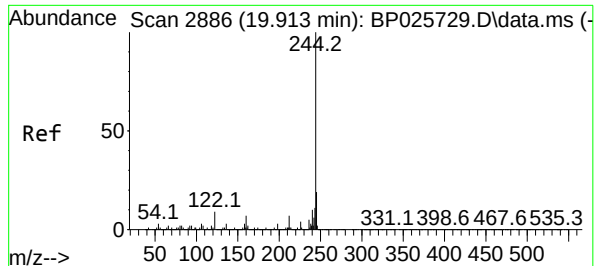
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#78  
Pyrene  
Concen: 40.759 ng  
RT: 19.701 min Scan# 2850  
Delta R.T. 0.012 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:202 Resp: 2122125  
Ion Ratio Lower Upper  
202 100  
200 20.8 17.0 25.6  
203 17.4 13.9 20.9





#79  
Terphenyl-d14  
Concen: 70.424 ng  
RT: 19.913 min Scan# 2886  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

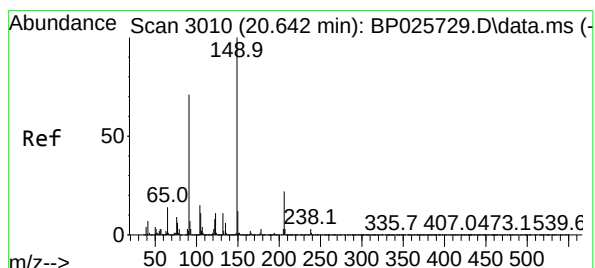
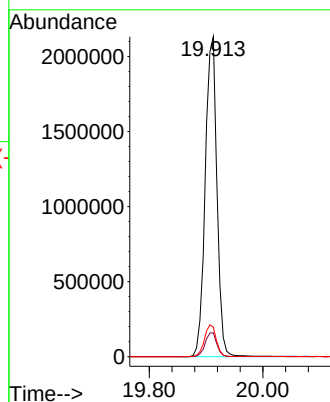
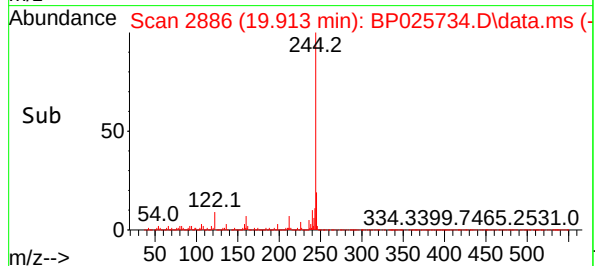
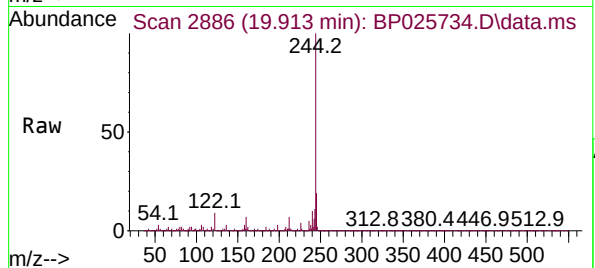
ICVBP091225

Tgt Ion:244 Resp: 3054578  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.9 8.9  
122 9.2 7.1 10.7

Manual Integrations

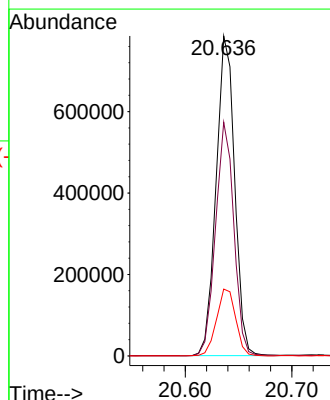
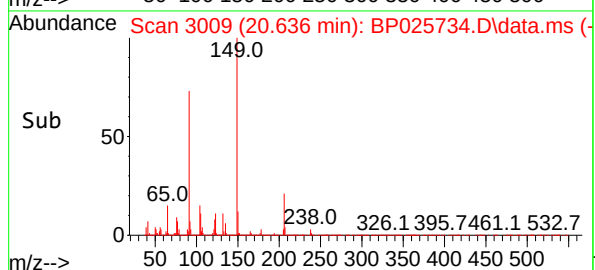
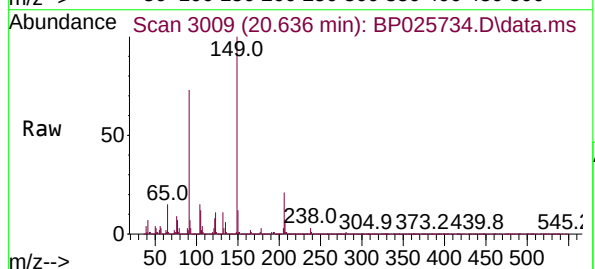
APPROVED

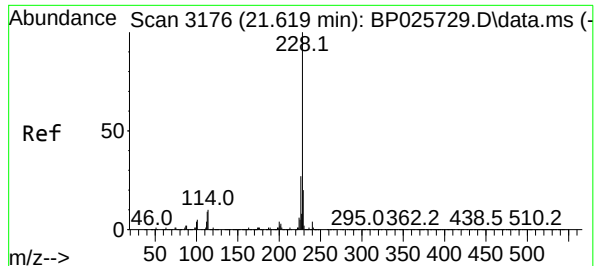
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#80  
Butylbenzylphthalate  
Concen: 41.644 ng  
RT: 20.636 min Scan# 3009  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 950670  
Ion Ratio Lower Upper  
149 100  
91 73.0 56.6 85.0  
206 20.9 17.4 26.0





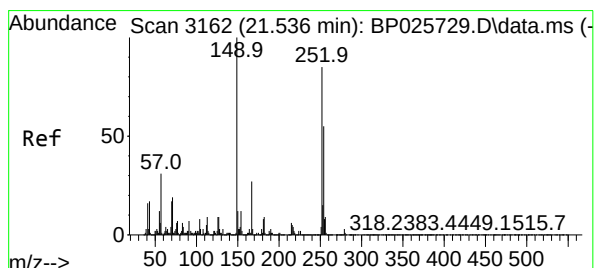
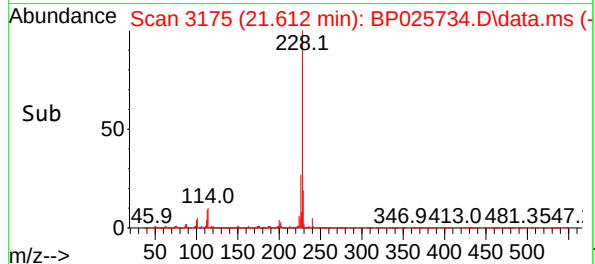
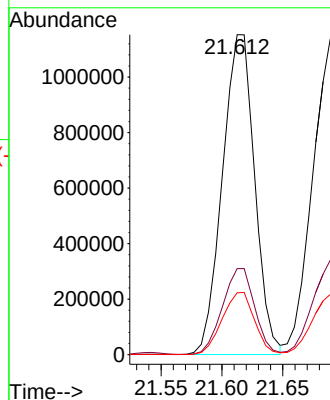
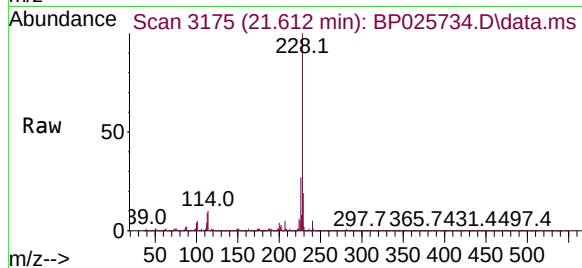
#81  
Benzo(a)anthracene  
Concen: 39.832 ng  
RT: 21.612 min Scan# 3175  
Delta R.T. -0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Tgt Ion:228 Resp: 2127849  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.6 32.4  
229 19.3 15.7 23.5

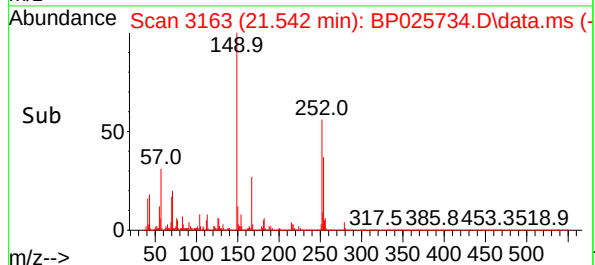
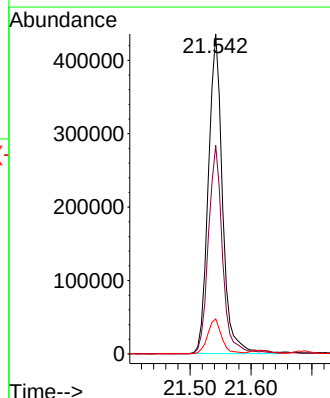
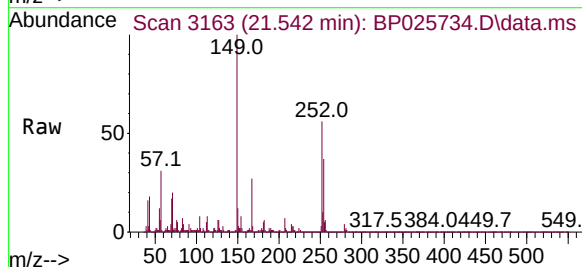
Manual Integrations  
APPROVED

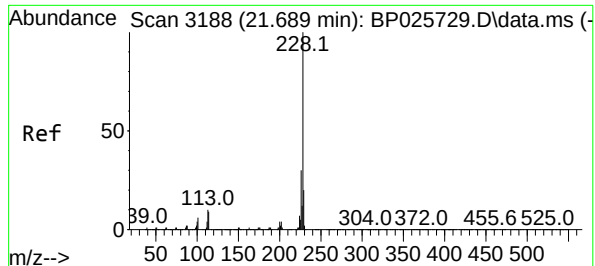
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#82  
3,3'-Dichlorobenzidine  
Concen: 38.168 ng  
RT: 21.542 min Scan# 3163  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

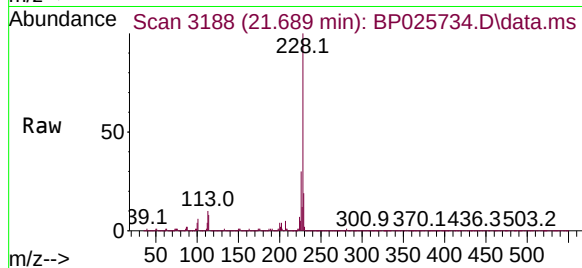
Tgt Ion:252 Resp: 705014  
Ion Ratio Lower Upper  
252 100  
254 65.1 51.4 77.0  
126 10.9 8.3 12.5





#83  
Chrysene  
Concen: 40.103 ng  
RT: 21.689 min Scan# 3188  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

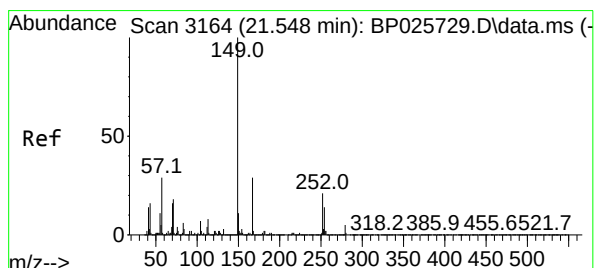
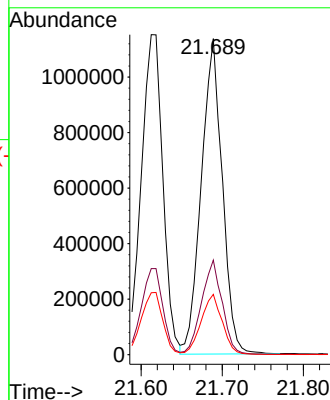
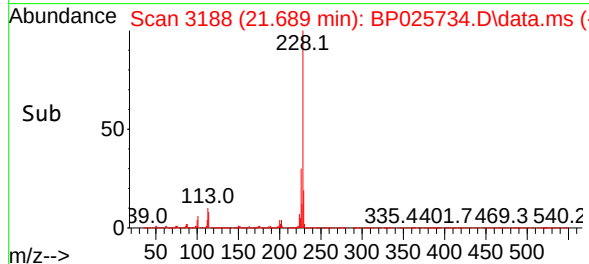
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:228 Resp: 2042185  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.8 35.6  
229 19.1 15.6 23.4

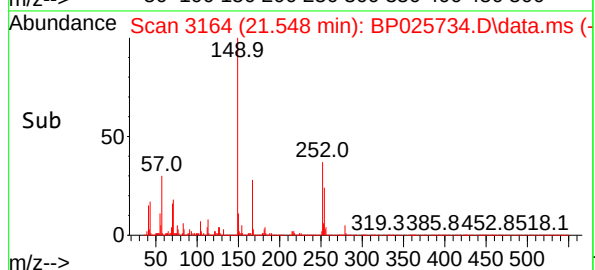
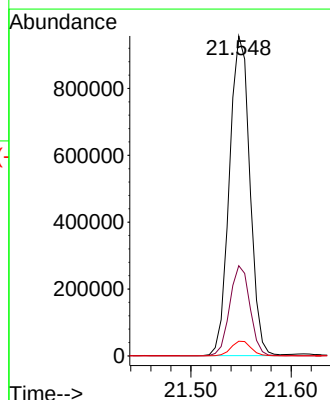
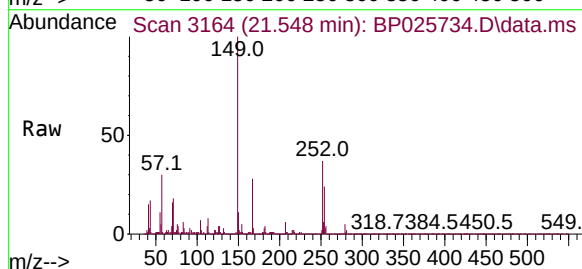
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025

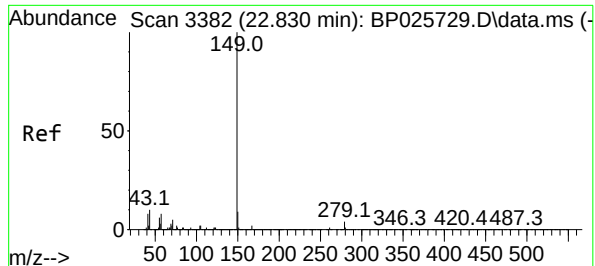


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.547 ng  
RT: 21.548 min Scan# 3164  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion:149 Resp: 1354255  
Ion Ratio Lower Upper  
149 100  
167 28.2 22.9 34.3  
279 4.6 3.8 5.8

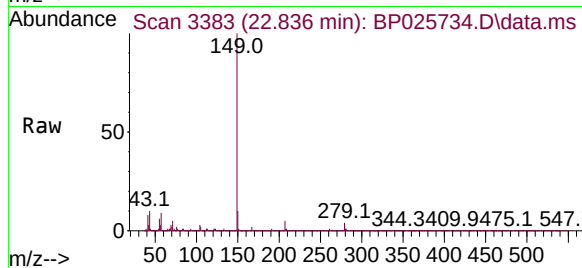






#85  
Di-n-octyl phthalate  
Concen: 39.973 ng  
RT: 22.836 min Scan# 3382  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

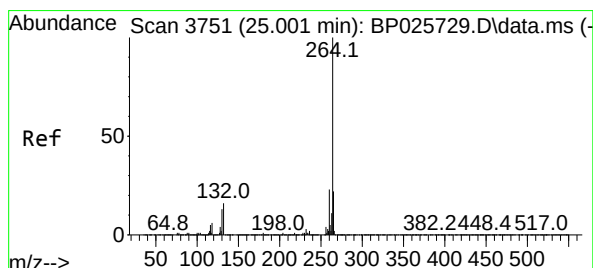
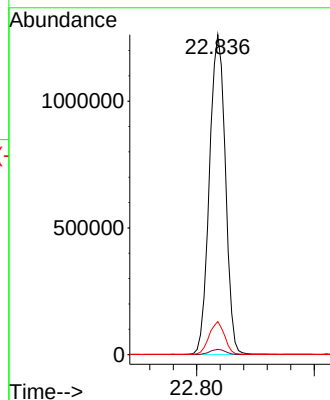
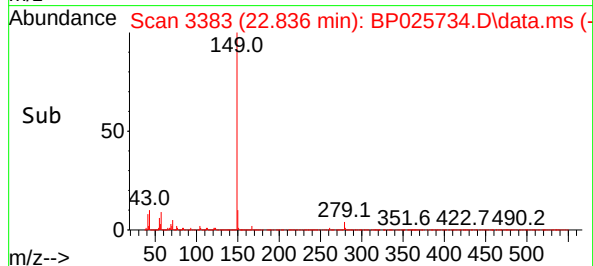
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion:149 Resp: 2374831  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.0 8.0 12.0

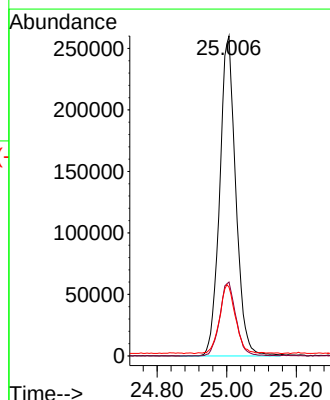
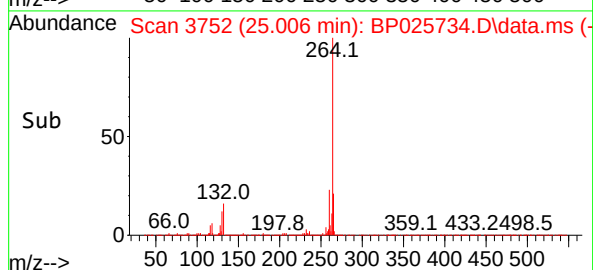
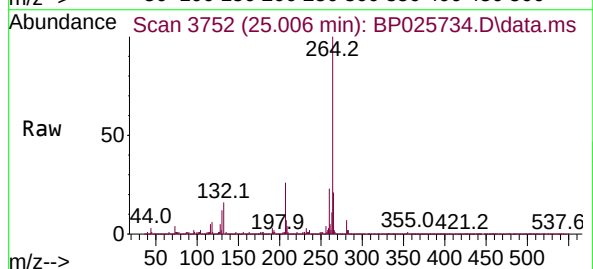
Manual Integrations  
APPROVED

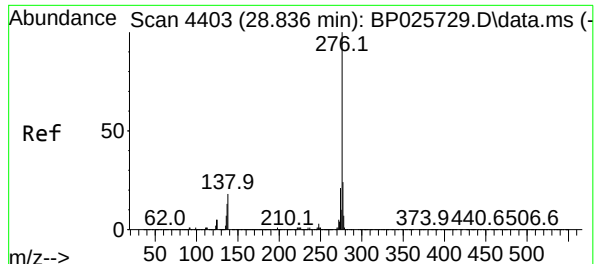
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.006 min Scan# 3752  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

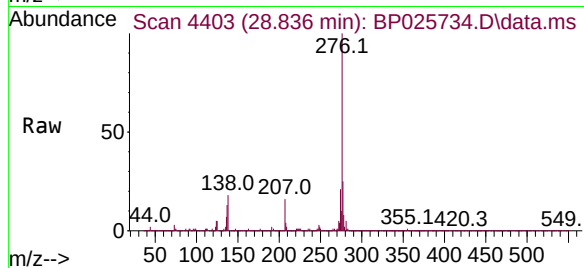
Tgt Ion:264 Resp: 833580  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.3 27.5  
265 21.5 17.3 25.9





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 40.180 ng  
RT: 28.836 min Scan# 4403  
Delta R.T. -0.000 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

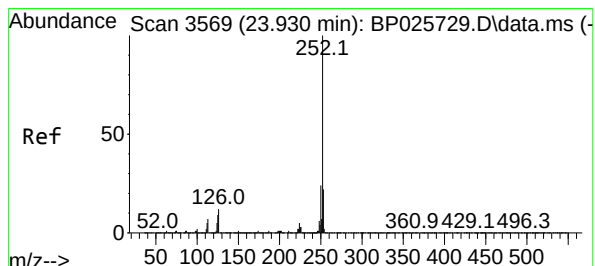
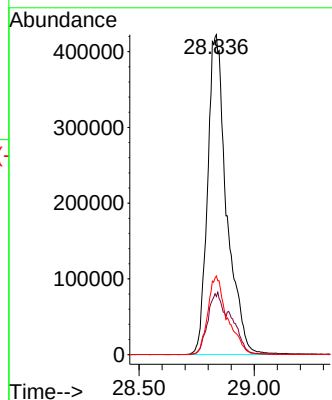
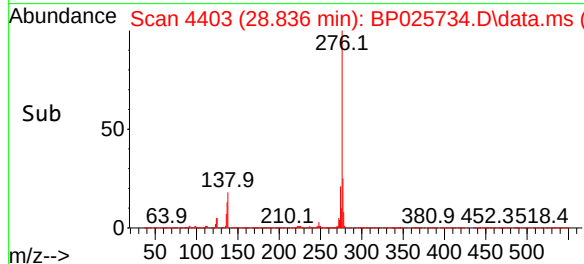
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 276 Resp: 2435714  
Ion Ratio Lower Upper  
276 100  
138 15.7 13.4 20.2  
277 25.1 9.1 13.7

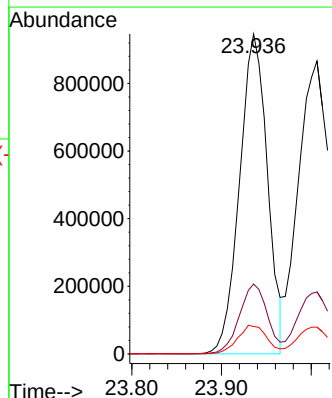
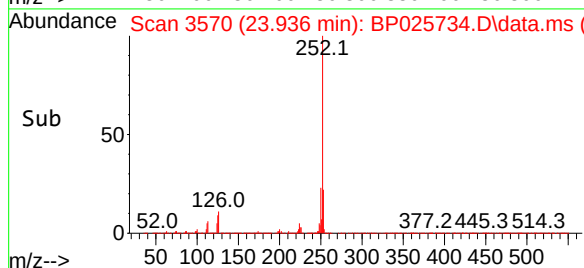
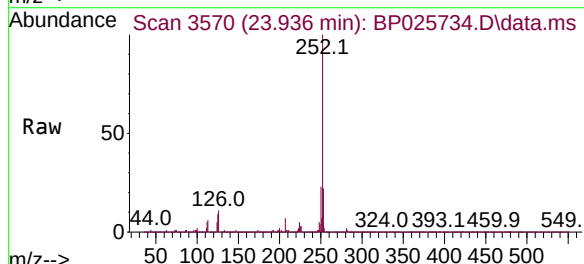
Manual Integrations  
APPROVED

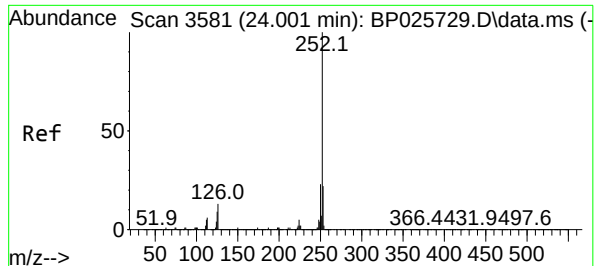
Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#88  
Benzo(b)fluoranthene  
Concen: 39.991 ng  
RT: 23.936 min Scan# 3570  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion: 252 Resp: 2038540  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.9 26.9  
125 8.6 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 41.447 ng

RT: 24.006 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA\_P

ClientSampleId :

ICVBP091225

Tgt Ion:252 Resp: 2155908

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

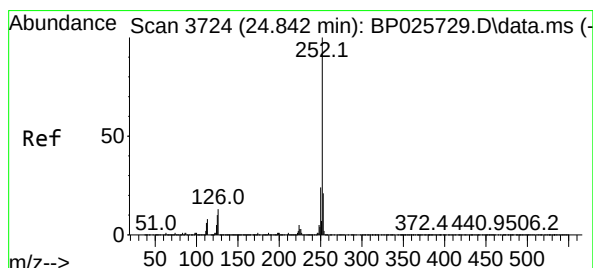
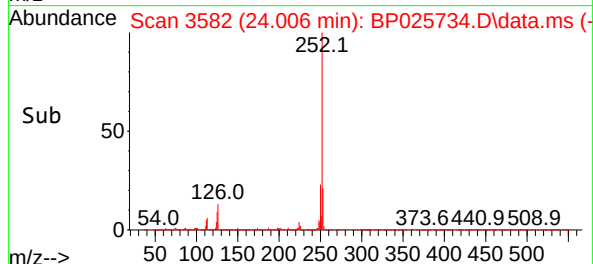
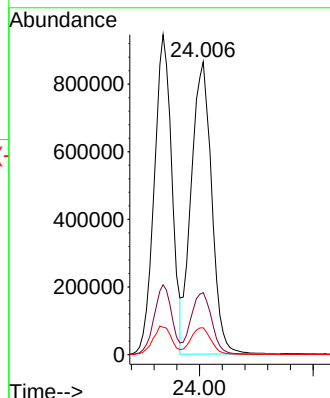
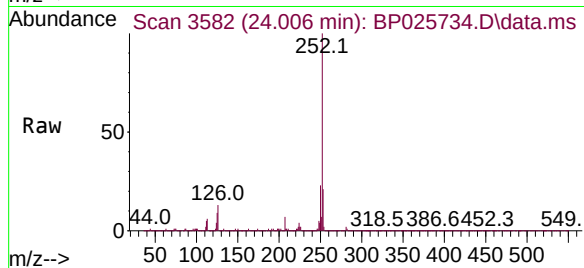
125 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 39.834 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

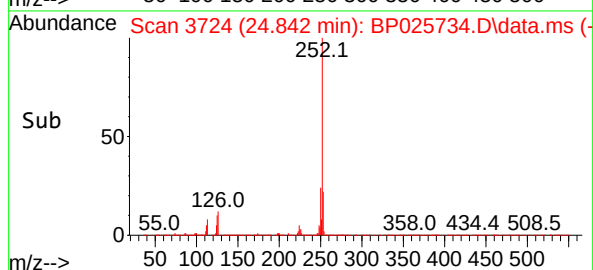
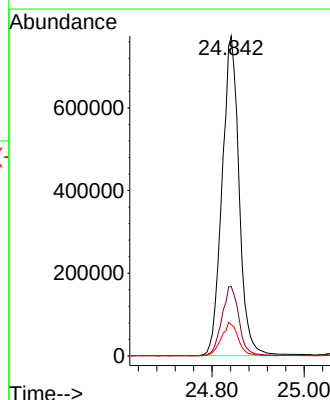
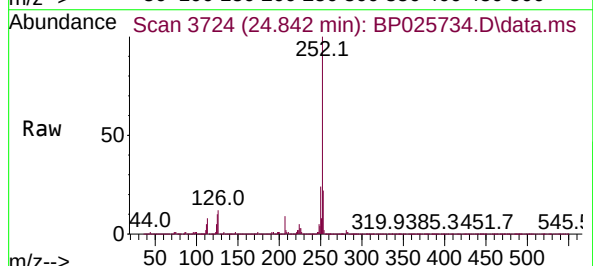
Tgt Ion:252 Resp: 1988484

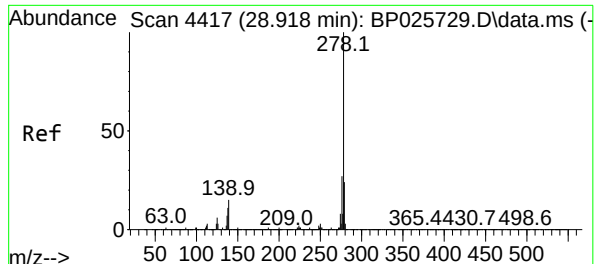
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

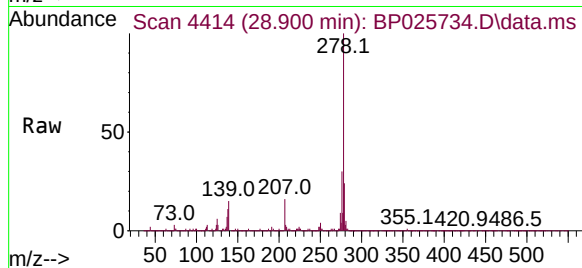
125 9.8 8.3 12.5





#91  
Dibenzo(a,h)anthracene  
Concen: 40.748 ng  
RT: 28.900 min Scan# 4417  
Delta R.T. -0.018 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

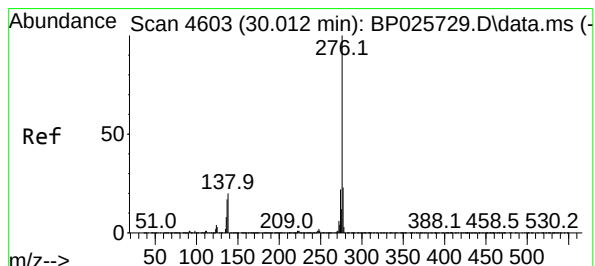
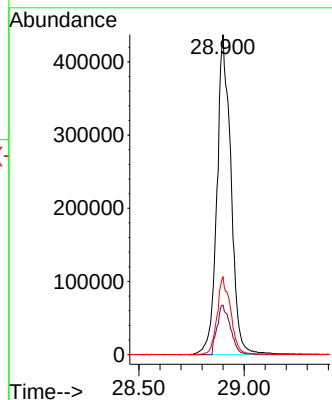
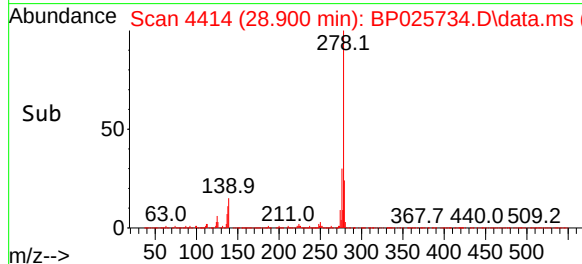
Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225



Tgt Ion: 278 Resp: 2021392  
Ion Ratio Lower Upper  
278 100  
139 15.4 12.1 18.1  
279 24.2 19.6 29.4

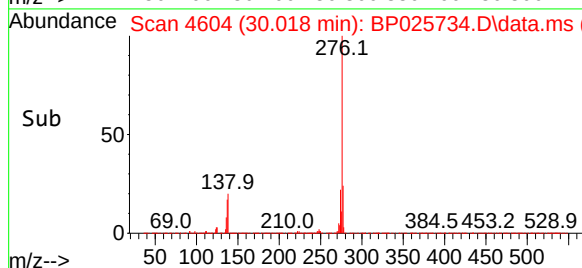
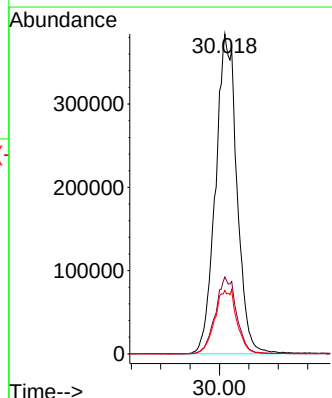
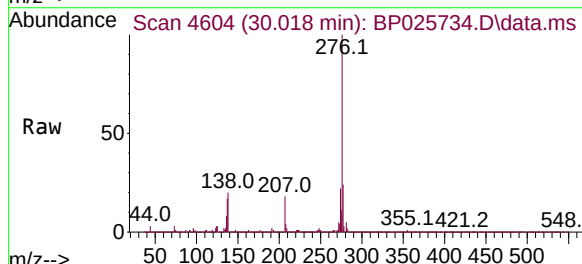
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 09/12/2025  
Supervised By :Jagrut Upadhyay 09/12/2025



#92  
Benzo(g,h,i)perylene  
Concen: 39.644 ng  
RT: 30.018 min Scan# 4604  
Delta R.T. 0.006 min  
Lab File: BP025734.D  
Acq: 11 Sep 2025 16:54

Tgt Ion: 276 Resp: 1934037  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.7 28.1  
138 19.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|-----------------------------|-------|-------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0  | 86    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.520 | 0.492 | 5.4  | 77    | 0.00     |
| 3    | Pyridine                    | 1.432 | 1.426 | 0.4  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.676 | 0.668 | 1.2  | 80    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.240 | 1.211 | 2.3  | 76    | -0.01    |
| 6    | Aniline                     | 2.262 | 2.343 | -3.6 | 80    | -0.01    |
| 7 S  | Phenol-d6                   | 1.648 | 1.642 | 0.4  | 76    | -0.01    |
| 8    | 2-Chlorophenol              | 1.360 | 1.398 | -2.8 | 80    | -0.01    |
| 9    | Benzaldehyde                | 0.987 | 1.046 | -6.0 | 103   | 0.00     |
| 10 C | Phenol                      | 1.737 | 1.796 | -3.4 | 79    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.396 | 1.427 | -2.2 | 79    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.548 | 1.565 | -1.1 | 80    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.576 | 1.591 | -1.0 | 81    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.531 | 1.530 | 0.1  | 80    | 0.00     |
| 15   | Benzyl Alcohol              | 1.361 | 1.409 | -3.5 | 80    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.282 | 2.343 | -2.7 | 81    | -0.01    |
| 17   | 2-Methylphenol              | 1.171 | 1.236 | -5.6 | 80    | 0.00     |
| 18   | Hexachloroethane            | 0.602 | 0.610 | -1.3 | 81    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.149 | 1.257 | -9.4 | 82    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.640 | 1.686 | -2.8 | 80    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 87    | 0.00     |
| 22   | Acetophenone                | 0.534 | 0.549 | -2.8 | 81    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.453 | 0.391 | 13.7 | 69    | 0.00     |
| 24   | Nitrobenzene                | 0.407 | 0.412 | -1.2 | 80    | -0.01    |
| 25   | Isophorone                  | 0.797 | 0.808 | -1.4 | 82    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.181 | 0.190 | -5.0 | 81    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.317 | 0.329 | -3.8 | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.461 | 0.472 | -2.4 | 82    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.316 | 0.327 | -3.5 | 81    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.352 | 1.1  | 81    | 0.00     |
| 31   | Naphthalene                 | 1.078 | 1.068 | 0.9  | 81    | 0.00     |
| 32   | Benzoic acid                | 0.236 | 0.243 | -3.0 | 81    | -0.01    |
| 33   | 4-Chloroaniline             | 0.449 | 0.476 | -6.0 | 81    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.229 | 0.224 | 2.2  | 81    | 0.00     |
| 35   | Caprolactam                 | 0.122 | 0.121 | 0.8  | 80    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.377 | 0.386 | -2.4 | 81    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.693 | 0.700 | -1.0 | 81    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.739 | 0.749 | -1.4 | 81    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 90    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.606 | 0.607 | -0.2 | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.330 | 0.334 | -1.2 | 79    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.249 | 0.239 | 4.0  | 78    | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 0.398 | 0.415 | -4.3 | 84    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.443 | 0.447 | -0.9 | 80    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.502 | 1.297 | 13.6 | 73    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.468 | 1.493 | -1.7 | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.156 | 1.132 | 2.1  | 82    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 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             | 0.385 | 0.395 | -2.6 | 81    | 0.00     |
| 49   | Acenaphthylene             | 1.915 | 1.907 | 0.4  | 83    | 0.00     |
| 50   | Dimethylphthalate          | 1.527 | 1.507 | 1.3  | 82    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.326 | -0.6 | 82    | 0.00     |
| 52 C | Acenaphthene               | 1.104 | 1.077 | 2.4  | 81    | 0.00     |
| 53   | 3-Nitroaniline             | 0.340 | 0.347 | -2.1 | 79    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.183 | 0.186 | -1.6 | 80    | 0.00     |
| 55   | Dibenzofuran               | 1.800 | 1.771 | 1.6  | 83    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.258 | 0.257 | 0.4  | 75    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.460 | 0.471 | -2.4 | 81    | 0.00     |
| 58   | Fluorene                   | 1.431 | 1.390 | 2.9  | 81    | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.399 | 0.397 | 0.5  | 80    | 0.00     |
| 60   | Diethylphthalate           | 1.549 | 1.550 | -0.1 | 85    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.721 | 0.714 | 1.0  | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 0.349 | 0.363 | -4.0 | 81    | -0.01    |
| 63   | Azobenzene                 | 1.498 | 1.485 | 0.9  | 81    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 89    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.133 | 0.133 | 0.0  | 78    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.612 | 0.609 | 0.5  | 81    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.220 | 0.220 | 0.0  | 82    | 0.00     |
| 68   | Hexachlorobenzene          | 0.245 | 0.243 | 0.8  | 83    | 0.00     |
| 69   | Atrazine                   | 0.234 | 0.236 | -0.9 | 81    | 0.00     |
| 70 C | Pentachlorophenol          | 0.162 | 0.161 | 0.6  | 80    | 0.00     |
| 71   | Phenanthrene               | 1.135 | 1.112 | 2.0  | 81    | 0.00     |
| 72   | Anthracene                 | 1.151 | 1.152 | -0.1 | 83    | 0.00     |
| 73   | Carbazole                  | 1.070 | 1.046 | 2.2  | 79    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.313 | 1.306 | 0.5  | 81    | 0.00     |
| 75 C | Fluoranthene               | 1.361 | 1.309 | 3.8  | 80    | 0.01     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 84    | 0.00     |
| 77   | Benzydine                  | 0.576 | 0.471 | 18.2 | 61    | 0.00     |
| 78   | Pyrene                     | 1.335 | 1.360 | -1.9 | 80    | 0.01     |
| 79 S | Terphenyl-d14              | 1.112 | 0.979 | 12.0 | 70    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.585 | 0.609 | -4.1 | 79    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.369 | 1.363 | 0.4  | 79    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.473 | 0.452 | 4.4  | 73    | 0.00     |
| 83   | Chrysene                   | 1.305 | 1.309 | -0.3 | 80    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.856 | 0.868 | -1.4 | 77    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.523 | 1.522 | 0.1  | 77    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 83    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.454 | 1.461 | -0.5 | 76    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.223 | 1.223 | 0.0  | 76    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.248 | 1.293 | -3.6 | 80    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.198 | 1.193 | 0.4  | 76    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.190 | 1.212 | -1.8 | 78    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 1.170 | 1.160 | 0.9  | 76    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025734.D  
Acq On : 11 Sep 2025 16:54  
Operator : CG/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                    | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|-----------------------------|--------|--------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0  | 86    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.832 | 5.4  | 77    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.824 | 0.4  | 78    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.520 | 1.2  | 80    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.179 | 2.3  | 76    | -0.01    |
| 6    | Aniline                     | 40.000 | 41.441 | -3.6 | 80    | -0.01    |
| 7 S  | Phenol-d6                   | 80.000 | 79.719 | 0.4  | 76    | -0.01    |
| 8    | 2-Chlorophenol              | 40.000 | 41.125 | -2.8 | 80    | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 42.354 | -5.9 | 103   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.357 | -3.4 | 79    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.910 | -2.3 | 79    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.451 | -1.1 | 80    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.380 | -1.0 | 81    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.971 | 0.1  | 80    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.411 | -3.5 | 80    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.060 | -2.7 | 81    | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 42.200 | -5.5 | 80    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.508 | -1.3 | 81    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 43.761 | -9.4 | 82    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.117 | -2.8 | 80    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 87    | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.077 | -2.7 | 81    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 69.063 | 13.7 | 69    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.477 | -1.2 | 80    | -0.01    |
| 25   | Isophorone                  | 40.000 | 40.570 | -1.4 | 82    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.019 | -5.0 | 81    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.566 | -3.9 | 80    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.986 | -2.5 | 82    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.410 | -3.5 | 81    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.530 | 1.2  | 81    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.618 | 1.0  | 81    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.287 | -3.2 | 81    | -0.01    |
| 33   | 4-Chloroaniline             | 40.000 | 42.370 | -5.9 | 81    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.159 | 2.1  | 81    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.662 | 0.8  | 80    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.986 | -2.5 | 81    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.396 | -1.0 | 81    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.566 | -1.4 | 81    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 90    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.058 | -0.1 | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.525 | -1.3 | 79    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 76.715 | 4.1  | 78    | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.695 | -4.2 | 84    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.344 | -0.9 | 80    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 69.102 | 13.6 | 73    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.692 | -1.7 | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.167 | 2.1  | 82    | 0.00     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
 Data File : BP025734.D  
 Acq On : 11 Sep 2025 16:54  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|----------------------------|--------|--------|------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 41.012 | -2.5 | 81    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.820 | 0.4  | 83    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.480 | 1.3  | 82    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.363 | -0.9 | 82    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.008 | 2.5  | 81    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.770 | -1.9 | 79    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 38.055 | 4.9  | 80    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.353 | 1.6  | 83    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 37.582 | 6.0  | 75    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.928 | -2.3 | 81    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.831 | 2.9  | 81    | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.712 | 0.7  | 80    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.039 | -0.1 | 85    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.592 | 1.0  | 83    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.707 | -4.3 | 81    | -0.01    |
| 63   | Azobenzene                 | 40.000 | 39.657 | 0.9  | 81    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 89    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.916 | 0.2  | 78    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.780 | 0.5  | 81    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.075 | -0.2 | 82    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.667 | 0.8  | 83    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.399 | -1.0 | 81    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 39.784 | 0.5  | 80    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.210 | 2.0  | 81    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.026 | -0.1 | 83    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.095 | 2.3  | 79    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.763 | 0.6  | 81    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.475 | 3.8  | 80    | 0.01     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 84    | 0.00     |
| 77   | Benzydine                  | 40.000 | 32.730 | 18.2 | 61    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.759 | -1.9 | 80    | 0.01     |
| 79 S | Terphenyl-d14              | 80.000 | 70.424 | 12.0 | 70    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.644 | -4.1 | 79    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.832 | 0.4  | 79    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.168 | 4.6  | 73    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.103 | -0.3 | 80    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.547 | -1.4 | 77    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.973 | 0.1  | 77    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 83    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.180 | -0.4 | 76    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.991 | 0.0  | 76    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.447 | -3.6 | 80    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.834 | 0.4  | 76    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.748 | -1.9 | 78    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.644 | 0.9  | 76    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025734.D  
Acq On : 11 Sep 2025 16:54  
Operator : CG/JU  
Sample : SSTDICV040  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
ICVBP091225

Quant Time: Sep 11 17:15:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 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: Alliance Contract: POWE02  
 Lab Code: ACE SDG No.: Q3155  
 Instrument ID: BNA\_G Calibration Date/Time: 09/23/2025 11:28  
 Lab File ID: BG064435.D Init. Calib. Date(s): 08/28/2025 08/28/2025  
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:51 16:16  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                 | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|--------------------------|-------|--------|------------|------|-------|
| 2-Fluorophenol           | 1.115 | 1.208  |            | 8.3  |       |
| Phenol-d6                | 1.532 | 1.674  |            | 9.3  |       |
| Nitrobenzene-d5          | 0.359 | 0.435  |            | 21.2 |       |
| Naphthalene              | 1.037 | 1.186  |            | 14.4 |       |
| 2-Fluorobiphenyl         | 1.310 | 1.533  |            | 17.0 |       |
| Fluorene                 | 1.473 | 1.709  |            | 16.0 |       |
| 2,4,6-Tribromophenol     | 0.265 | 0.388  |            | 46.4 |       |
| Phenanthrene             | 1.055 | 1.188  |            | 12.6 |       |
| Anthracene               | 1.073 | 1.209  |            | 12.7 |       |
| Pyrene                   | 1.260 | 1.378  |            | 9.4  |       |
| Terphenyl-d14            | 0.959 | 1.118  |            | 16.6 |       |
| Benzo (a) anthracene     | 1.280 | 1.410  |            | 10.2 |       |
| Chrysene                 | 1.228 | 1.336  |            | 8.8  |       |
| Benzo (b) fluoranthene   | 1.129 | 1.311  |            | 16.1 |       |
| Benzo (a) pyrene         | 1.050 | 1.205  |            | 14.8 | 20.0  |
| Indeno (1,2,3-cd) pyrene | 1.366 | 1.588  |            | 16.3 |       |
| Benzo (g,h,i) perylene   | 1.067 | 1.217  |            | 14.1 |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064435.D  
 Acq On : 23 Sep 2025 11:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.843  | 152  | 19841    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 10.628 | 136  | 85807    | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.465 | 164  | 61310    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.203 | 188  | 146814   | 20.000  | ng    | #-0.02   |
| 76) Chrysene-d12              | 21.433 | 240  | 160877   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 24.430 | 264  | 172846   | 20.000  | ng    | -0.03    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 95861    | 86.681  | ng    | -0.02    |
| 7) Phenol-d6                  | 7.009  | 99   | 132874   | 87.456  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 8.995  | 82   | 149270   | 97.018  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 95168    | 117.191 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.090 | 172  | 375917   | 93.587  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.823 | 244  | 719174   | 93.267  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.337  | 88   | 16144    | 35.023  | ng    | 93       |
| 3) Pyridine                   | 3.730  | 79   | 48380    | 35.655  | ng    | # 58     |
| 4) n-Nitrosodimethylamine     | 3.648  | 42   | 37781    | 42.096  | ng    | 93       |
| 6) Aniline                    | 7.168  | 93   | 83816    | 39.893  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.403  | 128  | 59636    | 44.129  | ng    | 97       |
| 9) Benzaldehyde               | 6.980  | 77   | 43289    | 34.622  | ng    | 95       |
| 10) Phenol                    | 7.038  | 94   | 68349    | 40.804  | ng    | 75       |
| 11) bis(2-Chloroethyl)ether   | 7.262  | 93   | 47142    | 37.452  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.726  | 146  | 67522    | 46.966  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.873  | 146  | 67758    | 46.699  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.190  | 146  | 63914    | 45.641  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.072  | 79   | 61202    | 43.651  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.360  | 45   | 85434    | 29.728  | ng    | 97       |
| 17) 2-Methylphenol            | 8.278  | 107  | 50988    | 40.842  | ng    | 97       |
| 18) Hexachloroethane          | 8.913  | 117  | 25521    | 45.060  | ng    | # 79     |
| 19) n-Nitroso-di-n-propyla... | 8.642  | 70   | 44827    | 38.551  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.607  | 107  | 68622    | 39.559  | ng    | 96       |
| 22) Acetophenone              | 8.654  | 105  | 95348    | 43.922  | ng    | 95       |
| 24) Nitrobenzene              | 9.030  | 77   | 73460    | 45.698  | ng    | 99       |
| 25) Isophorone                | 9.553  | 82   | 130989   | 40.964  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.741  | 139  | 34984    | 50.365  | ng    | # 80     |
| 27) 2,4-Dimethylphenol        | 9.806  | 122  | 53695    | 44.030  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.041 | 93   | 68073    | 39.481  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.282 | 162  | 64493    | 50.122  | ng    | 89       |
| 30) 1,2,4-Trichlorobenzene    | 10.493 | 180  | 71689    | 52.840  | ng    | 92       |
| 31) Naphthalene               | 10.675 | 128  | 203475   | 45.729  | ng    | 97       |
| 32) Benzoic acid              | 9.964  | 122  | 39791    | 41.105  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.781 | 127  | 75475    | 43.765  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.963 | 225  | 57372    | 57.207  | ng    | 91       |
| 35) Caprolactam               | 11.557 | 113  | 20381    | 40.907  | ng    | # 91     |
| 36) 4-Chloro-3-methylphenol   | 11.915 | 107  | 75258    | 45.079  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.285 | 142  | 152650   | 46.155  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.502 | 142  | 147398m  | 45.120  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.655 | 216  | 90585    | 51.207  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.638 | 237  | 45757    | 54.425  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.896 | 196  | 59079    | 49.967  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064435.D  
 Acq On : 23 Sep 2025 11:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

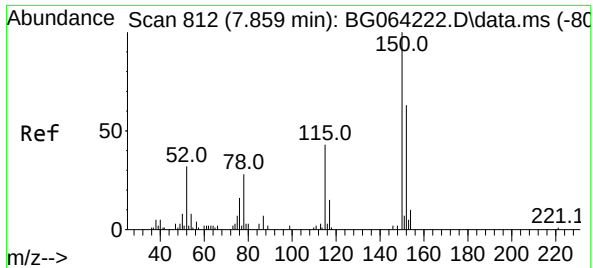
Quant Time: Sep 23 12:06:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.967 | 196  | 63228    | 49.297 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.296 | 154  | 202926   | 45.443 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.337 | 162  | 152064   | 45.296 | ng    | 96       |
| 48) 2-Nitroaniline            | 13.542 | 65   | 53499    | 46.755 | ng    | 95       |
| 49) Acenaphthylene            | 14.183 | 152  | 228909   | 46.127 | ng    | 97       |
| 50) Dimethylphthalate         | 13.918 | 163  | 206493   | 44.496 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.036 | 165  | 43621    | 48.554 | ng    | 94       |
| 52) Acenaphthene              | 14.530 | 154  | 159646   | 45.585 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.365 | 138  | 41971    | 44.599 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.577 | 184  | 25017    | 45.261 | ng    | 90       |
| 55) Dibenzofuran              | 14.864 | 168  | 255440   | 46.371 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.682 | 139  | 33883    | 43.892 | ng    | # 84     |
| 57) 2,4-Dinitrotoluene        | 14.829 | 165  | 67977    | 50.042 | ng    | 96       |
| 58) Fluorene                  | 15.511 | 166  | 209603   | 46.424 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.094 | 232  | 64424    | 52.224 | ng    | 95       |
| 60) Diethylphthalate          | 15.287 | 149  | 224725   | 45.248 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.505 | 204  | 110447   | 49.063 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.528 | 138  | 48161    | 50.153 | ng    | 89       |
| 63) Azobenzene                | 15.799 | 77   | 186535   | 42.140 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.593 | 198  | 44376    | 52.647 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.722 | 169  | 181478   | 44.935 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.398 | 248  | 78700    | 50.470 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.515 | 284  | 89717    | 51.811 | ng    | 93       |
| 69) Atrazine                  | 16.674 | 200  | 79061    | 46.883 | ng    | 97       |
| 70) Pentachlorophenol         | 16.862 | 266  | 56001    | 53.336 | ng    | 92       |
| 71) Phenanthrene              | 17.250 | 178  | 348877   | 45.054 | ng    | 98       |
| 72) Anthracene                | 17.338 | 178  | 355120   | 45.084 | ng    | 98       |
| 73) Carbazole                 | 17.608 | 167  | 315052   | 45.403 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.172 | 149  | 377556   | 45.289 | ng    | 98       |
| 75) Fluoranthene              | 19.259 | 202  | 428708   | 47.086 | ng    | 97       |
| 77) Benzidine                 | 19.441 | 184  | 137880   | 40.741 | ng    | 97       |
| 78) Pyrene                    | 19.618 | 202  | 443391   | 43.746 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.517 | 149  | 172501   | 45.124 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.416 | 228  | 453601   | 44.072 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.339 | 252  | 159732   | 47.653 | ng    | 97       |
| 83) Chrysene                  | 21.480 | 228  | 429890   | 43.507 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 252616   | 44.014 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.473 | 149  | 428781   | 42.876 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.808 | 276  | 548833   | 46.496 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.490 | 252  | 453364   | 46.474 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.554 | 252  | 447814   | 45.059 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 24.295 | 252  | 416575   | 45.906 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 27.861 | 278  | 449883   | 47.469 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 28.872 | 276  | 420723   | 45.621 | ng    | # 94     |

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

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
SSTDCCC040

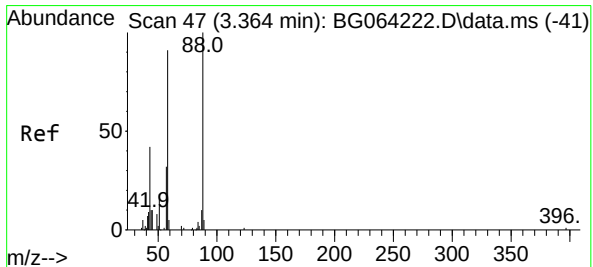
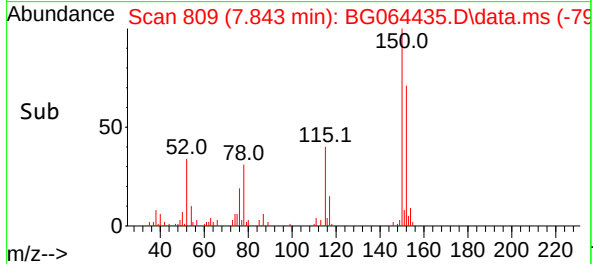
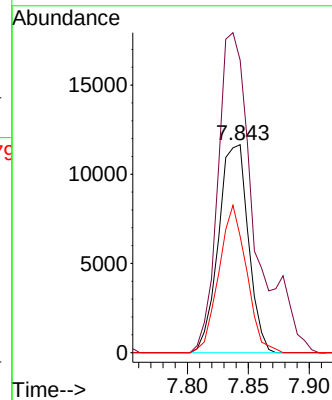
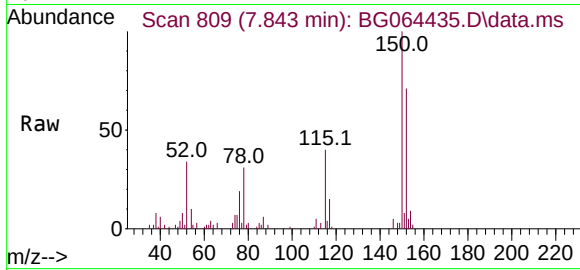
[illegible]



#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.843 min Scan# 80  
 Delta R.T. -0.016 min  
 Lab File: BG064435.D  
 Acq: 23 Sep 2025 11:28

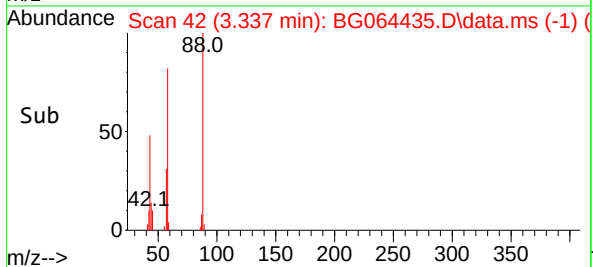
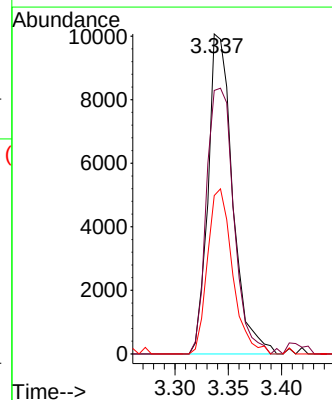
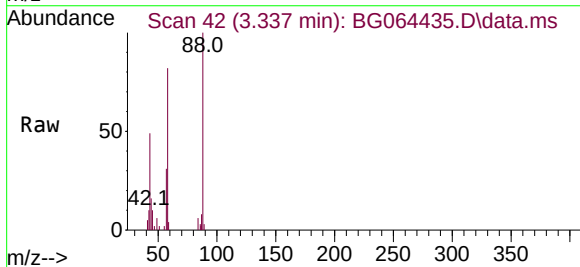
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

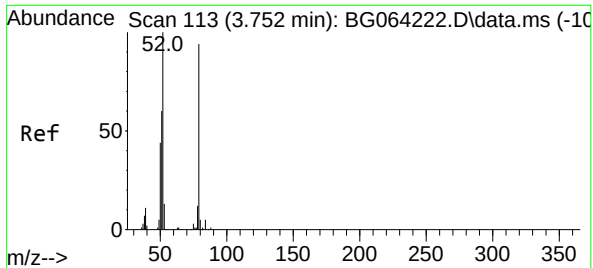
Tgt Ion:152 Resp: 19841  
 Ion Ratio Lower Upper  
 152 100  
 150 140.6 128.0 192.0  
 115 55.9 55.7 83.5



#2  
 1,4-Dioxane  
 Concen: 35.023 ng  
 RT: 3.337 min Scan# 42  
 Delta R.T. -0.022 min  
 Lab File: BG064435.D  
 Acq: 23 Sep 2025 11:28

Tgt Ion: 88 Resp: 16144  
 Ion Ratio Lower Upper  
 88 100  
 58 91.8 80.8 121.2  
 43 52.3 40.3 60.5

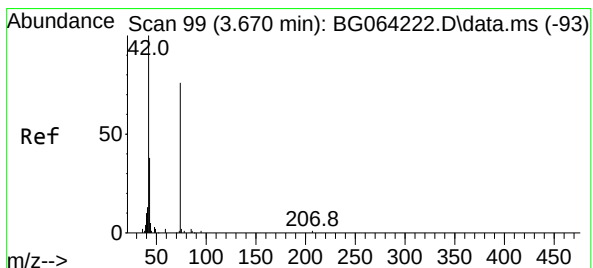
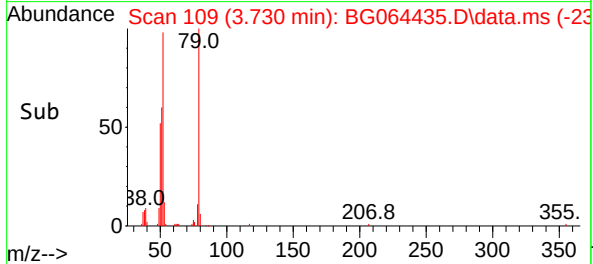
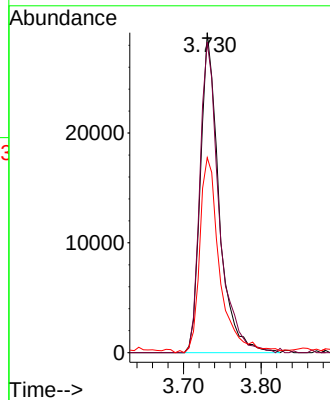
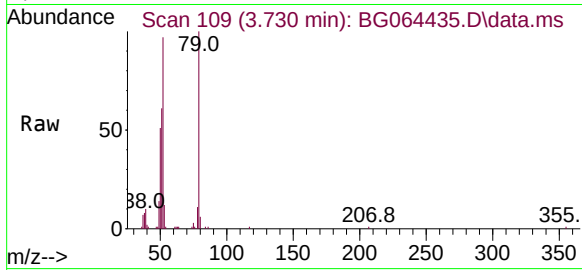




#3  
Pyridine  
Concen: 35.655 ng  
RT: 3.730 min Scan# 10  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

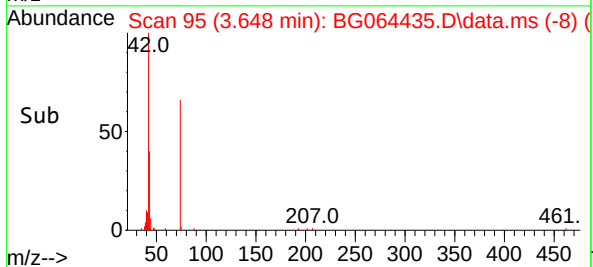
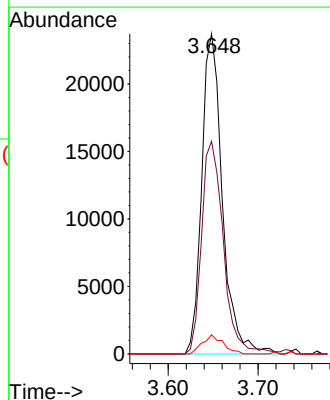
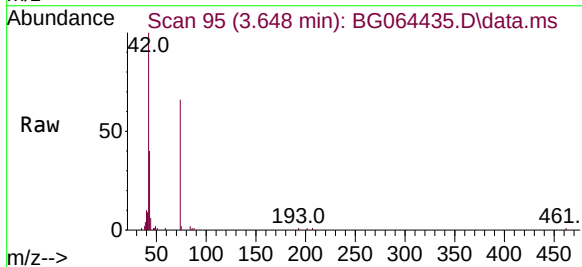
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 48380  
Ion Ratio Lower Upper  
79 100  
52 97.0 86.6 129.8  
51 60.9 114.1 171.1#

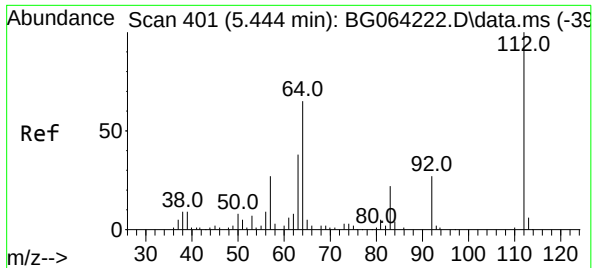


#4  
n-Nitrosodimethylamine  
Concen: 42.096 ng  
RT: 3.648 min Scan# 95  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion: 42 Resp: 37781  
Ion Ratio Lower Upper  
42 100  
74 66.4 58.0 87.0  
44 6.0 5.5 8.3



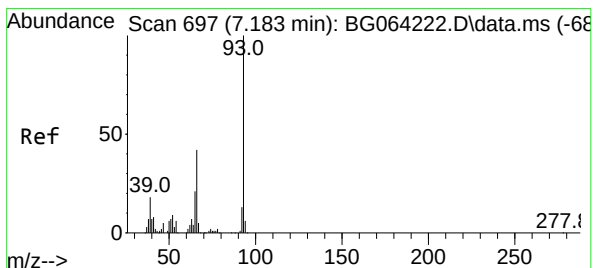
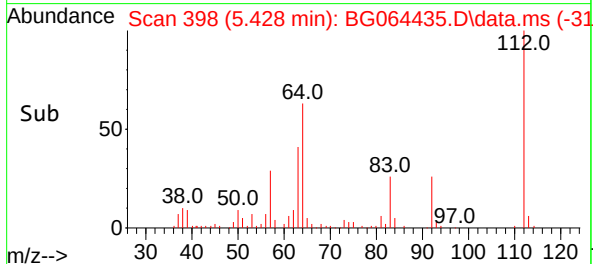
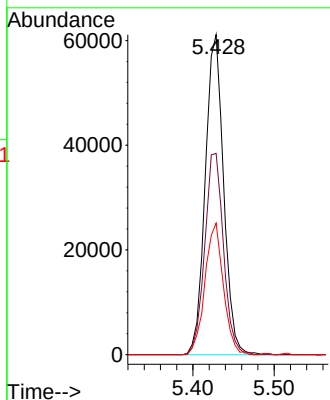
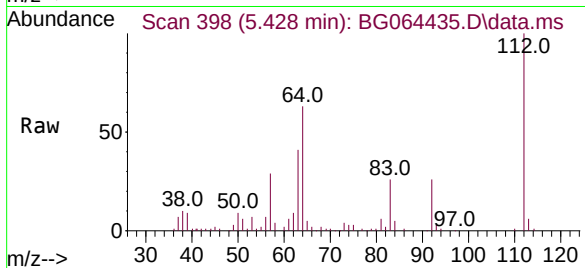




#5  
2-Fluorophenol  
Concen: 86.681 ng  
RT: 5.428 min Scan# 39  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

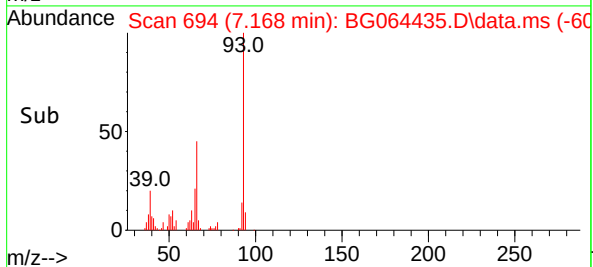
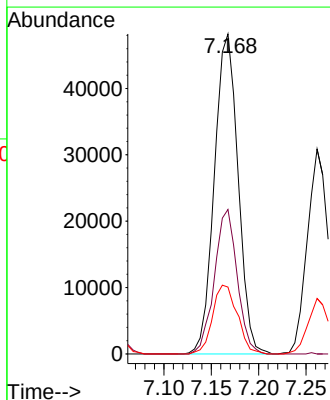
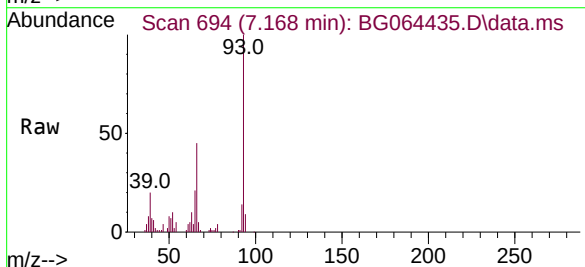
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

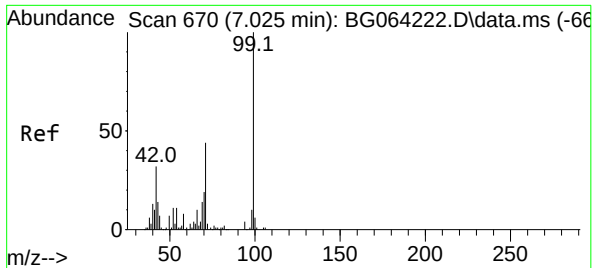
Tgt Ion:112 Resp: 95861  
Ion Ratio Lower Upper  
112 100  
64 62.9 51.8 77.6  
63 41.1 30.6 45.8



#6  
Aniline  
Concen: 39.893 ng  
RT: 7.168 min Scan# 694  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion: 93 Resp: 83816  
Ion Ratio Lower Upper  
93 100  
66 45.1 33.8 50.8  
65 20.9 16.9 25.3

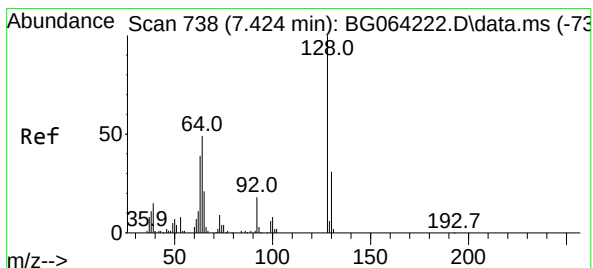
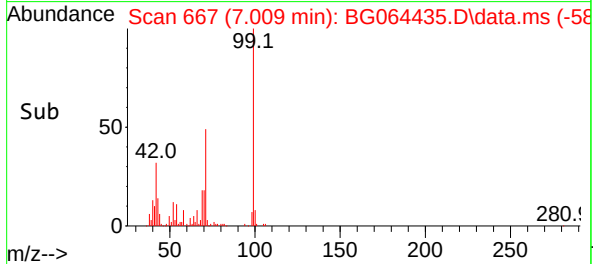
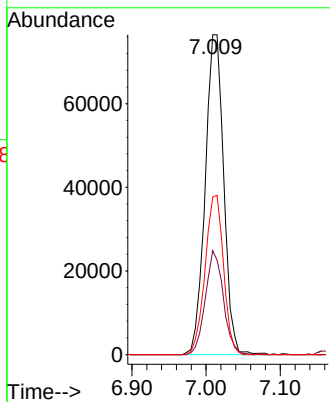
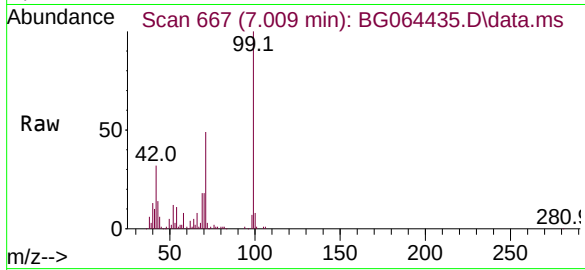




#7  
Phenol-d6  
Concen: 87.456 ng  
RT: 7.009 min Scan# 60  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

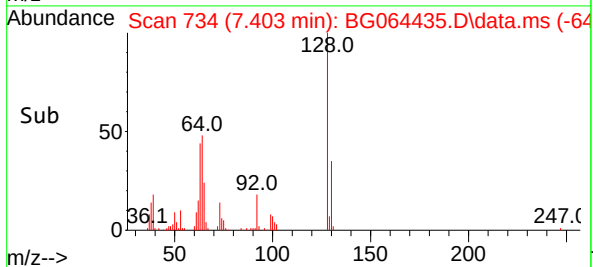
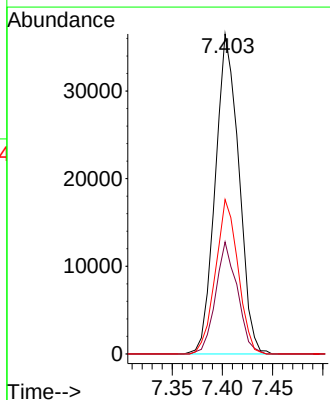
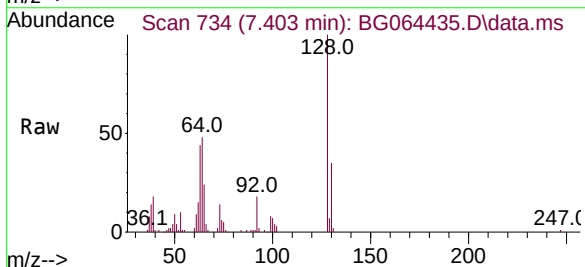
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

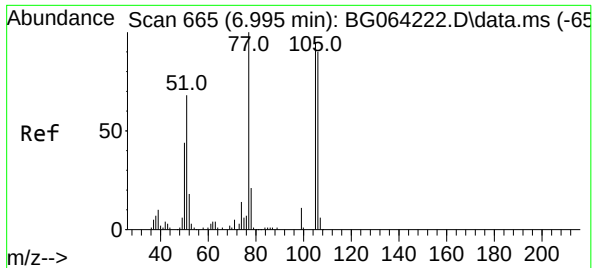
Tgt Ion: 99 Resp: 132874  
Ion Ratio Lower Upper  
99 100  
42 32.5 25.8 38.8  
71 49.3 35.2 52.8



#8  
2-Chlorophenol  
Concen: 44.129 ng  
RT: 7.403 min Scan# 734  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion: 128 Resp: 59636  
Ion Ratio Lower Upper  
128 100  
130 35.0 10.9 50.9  
64 48.2 28.7 68.7

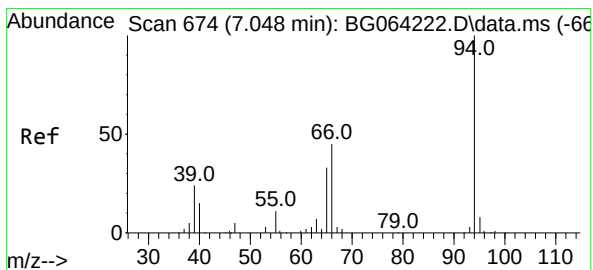
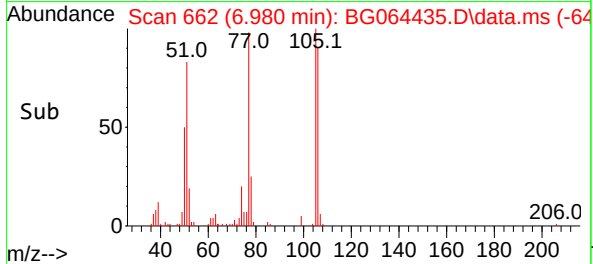
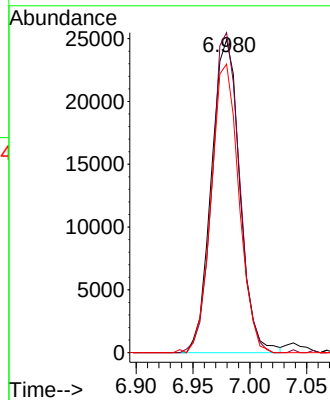
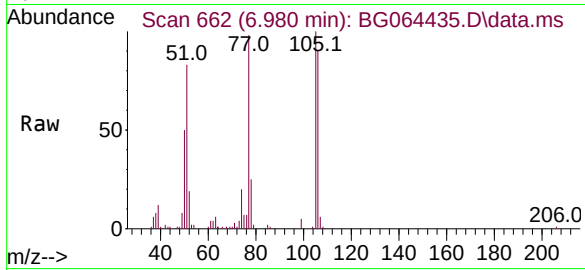




#9  
Benzaldehyde  
Concen: 34.622 ng  
RT: 6.980 min Scan# 662  
Delta R.T. -0.015 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

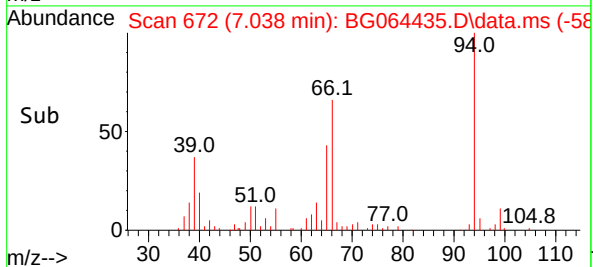
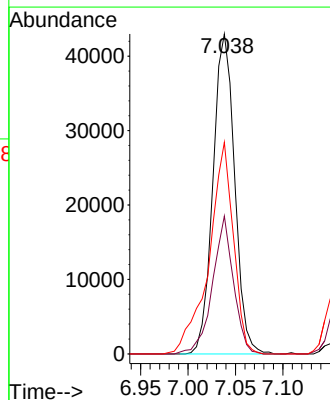
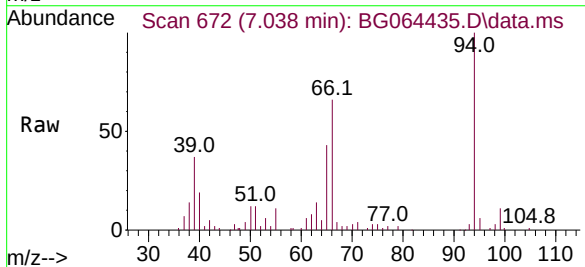
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

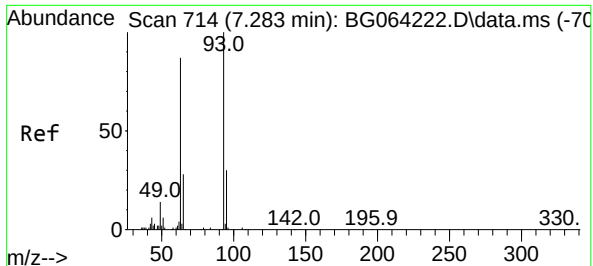
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 102.3 | 75.2  | 115.2 |
| 106     | 92.2  | 69.6  | 109.6 |



#10  
Phenol  
Concen: 40.804 ng  
RT: 7.038 min Scan# 672  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 43.1  | 13.5  | 53.5  |
| 66      | 66.1  | 26.2  | 66.2  |





#11

bis(2-Chloroethyl)ether

Concen: 37.452 ng

RT: 7.262 min Scan# 714

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

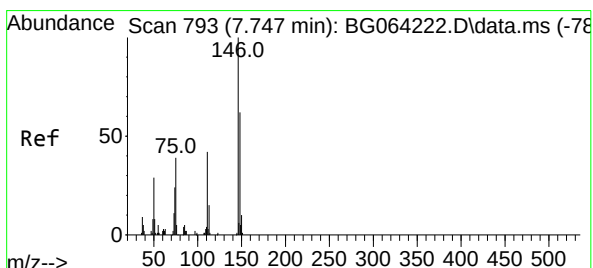
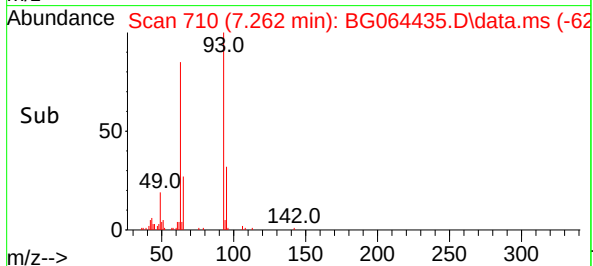
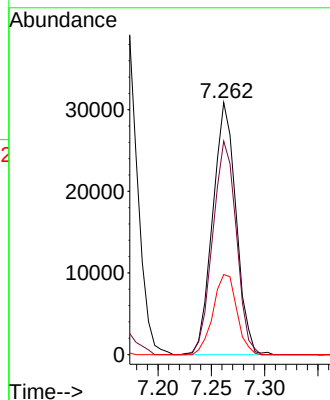
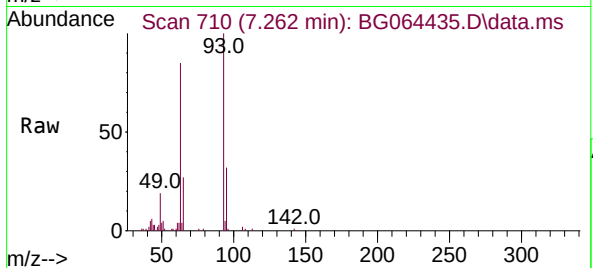
Tgt Ion: 93 Resp: 47142

Ion Ratio Lower Upper

93 100

63 84.7 66.2 106.2

95 31.8 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 46.966 ng

RT: 7.726 min Scan# 789

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

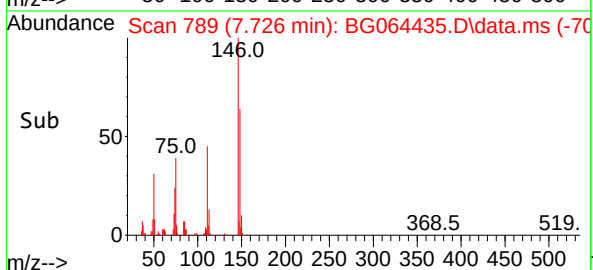
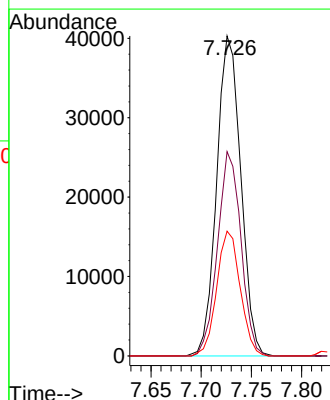
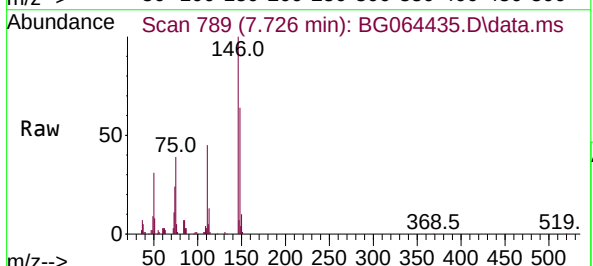
Tgt Ion:146 Resp: 67522

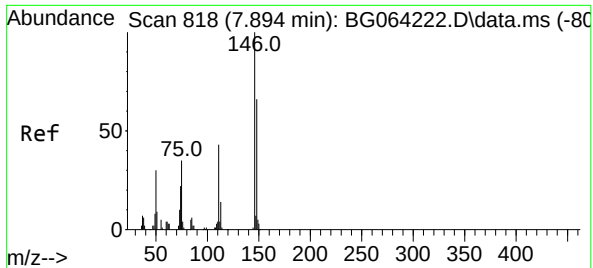
Ion Ratio Lower Upper

146 100

148 63.8 49.6 74.4

75 39.0 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 46.699 ng

RT: 7.873 min Scan# 81

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

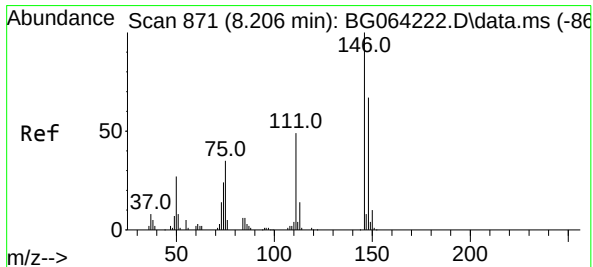
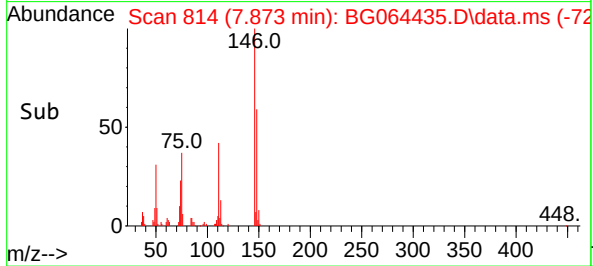
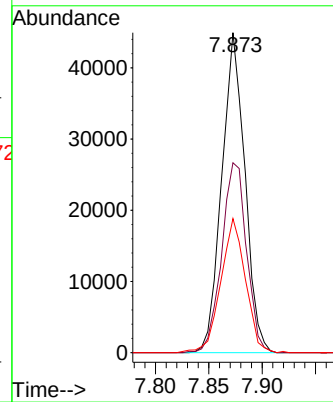
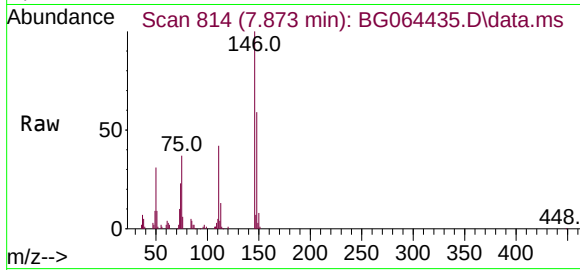
Tgt Ion:146 Resp: 67758

Ion Ratio Lower Upper

146 100

148 59.3 52.8 79.2

111 41.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 45.641 ng

RT: 8.190 min Scan# 868

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

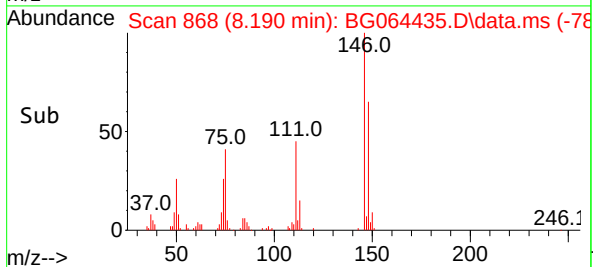
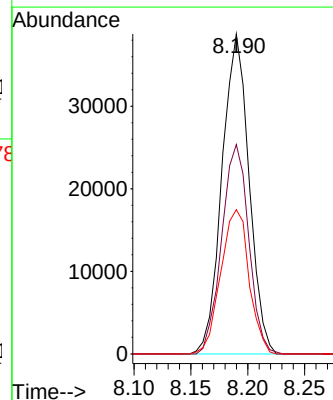
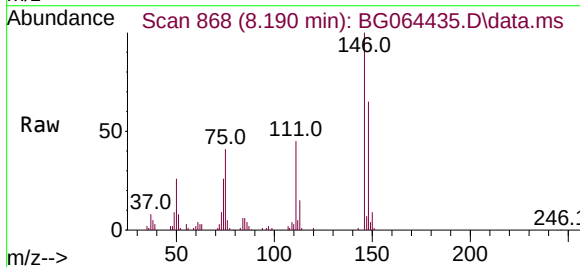
Tgt Ion:146 Resp: 63914

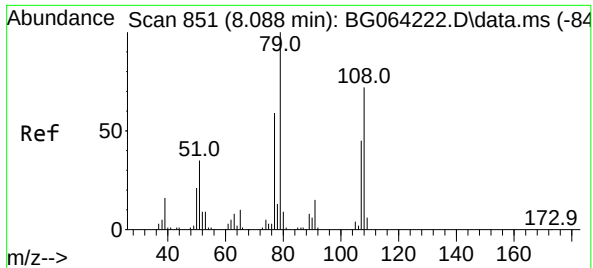
Ion Ratio Lower Upper

146 100

148 65.4 53.4 80.0

111 45.1 39.1 58.7





#15

Benzyl Alcohol

Concen: 43.651 ng

RT: 8.072 min Scan# 84

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

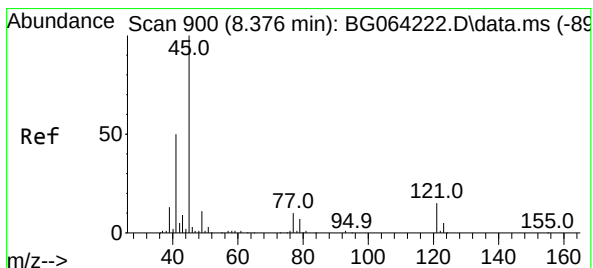
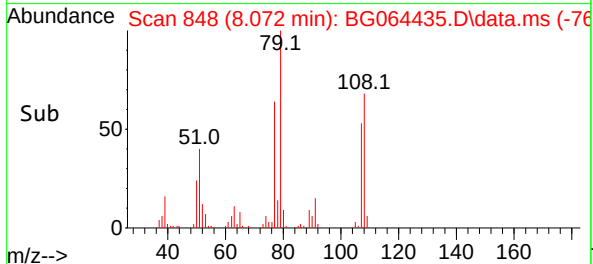
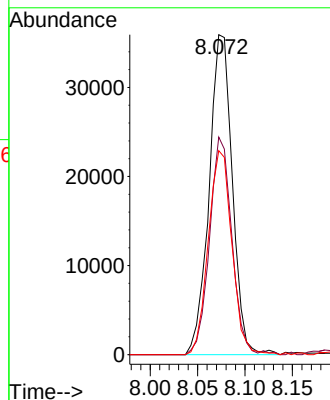
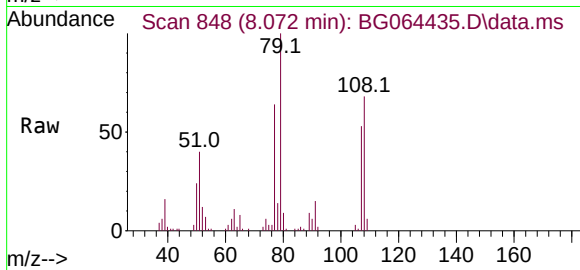
Tgt Ion: 79 Resp: 61202

Ion Ratio Lower Upper

79 100

108 68.0 57.4 86.0

77 63.7 47.2 70.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.728 ng

RT: 8.360 min Scan# 897

Delta R.T. -0.016 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

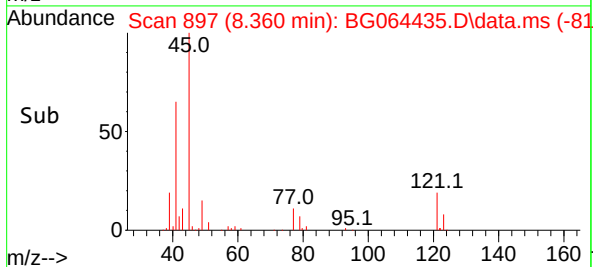
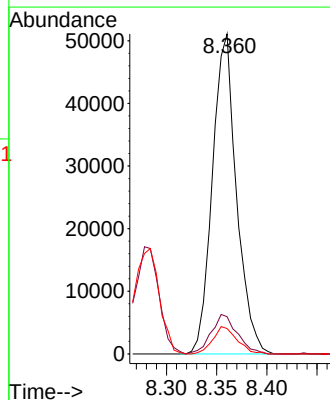
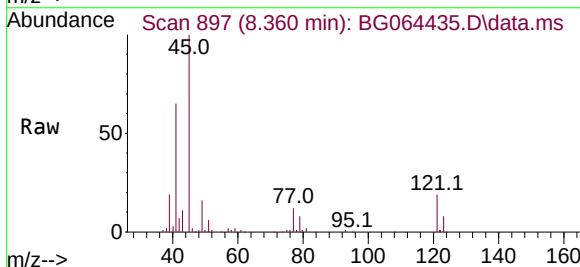
Tgt Ion: 45 Resp: 85434

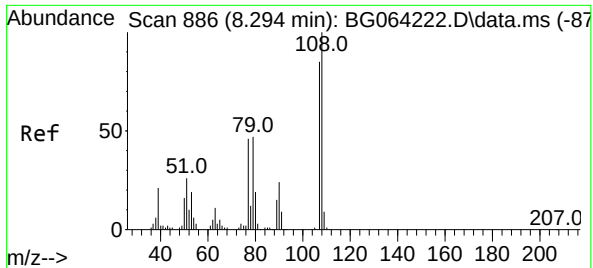
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.0

79 8.5 0.0 27.9

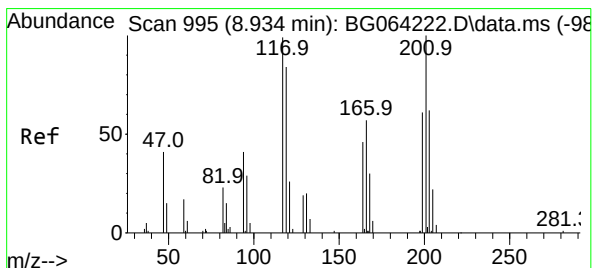
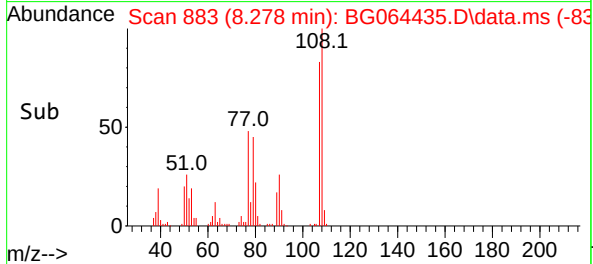
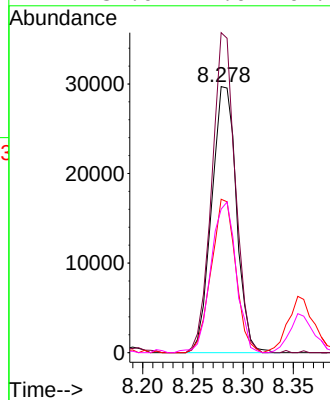
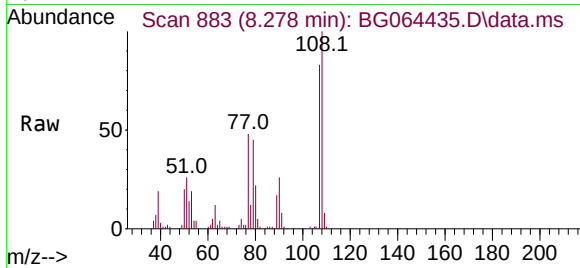




#17  
2-Methylphenol  
Concen: 40.842 ng  
RT: 8.278 min Scan# 886  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

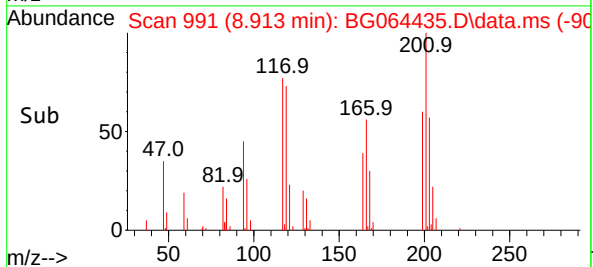
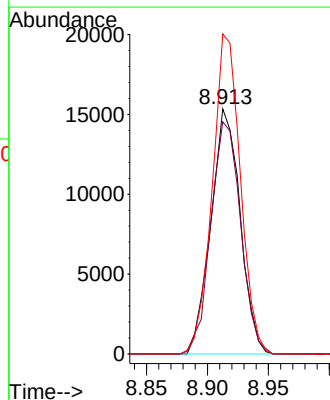
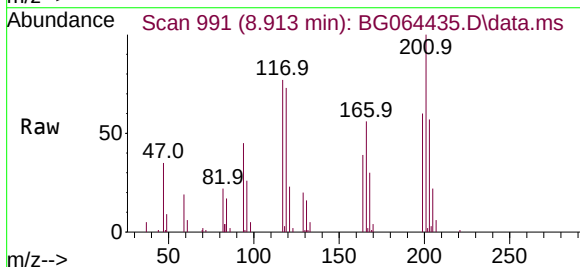
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

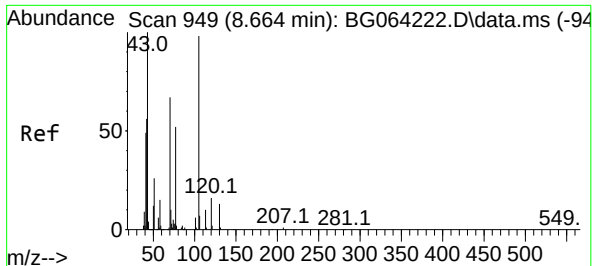
Tgt Ion:107 Resp: 50988  
Ion Ratio Lower Upper  
107 100  
108 120.3 94.6 141.8  
77 57.6 43.7 65.5  
79 54.0 44.6 67.0



#18  
Hexachloroethane  
Concen: 45.060 ng  
RT: 8.913 min Scan# 991  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:117 Resp: 25521  
Ion Ratio Lower Upper  
117 100  
119 94.7 67.9 101.9  
201 130.6 80.5 120.7#

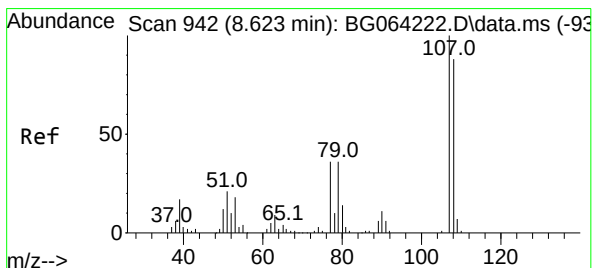
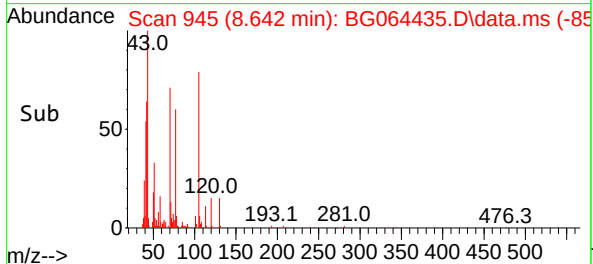
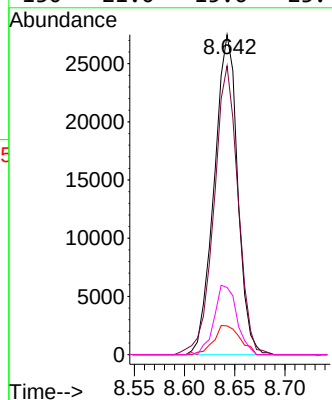
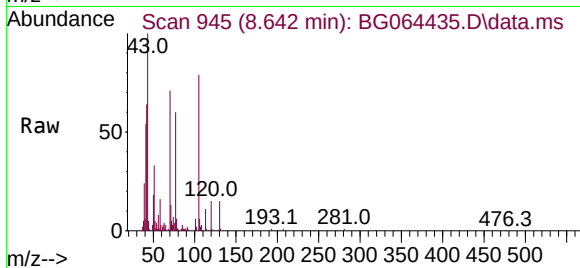




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.551 ng  
RT: 8.642 min Scan# 94  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

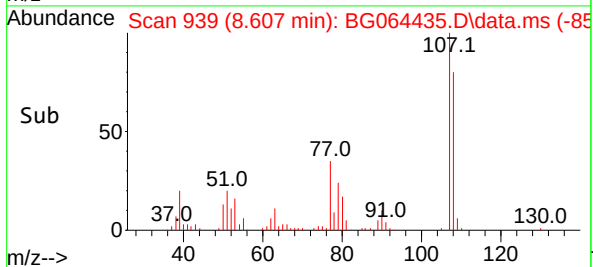
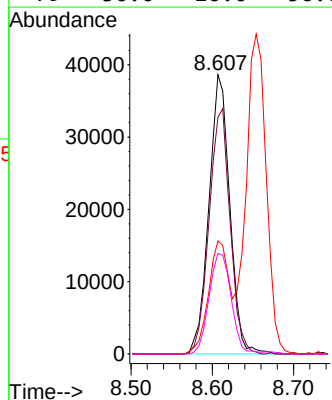
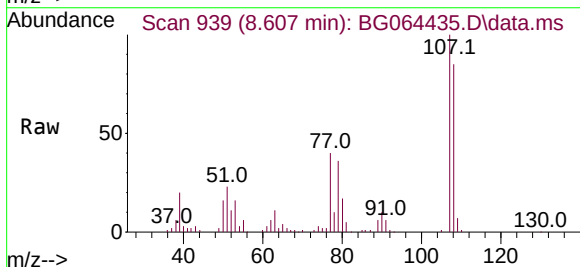
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 44827  
Ion Ratio Lower Upper  
70 100  
42 90.2 67.9 101.9  
101 9.0 7.3 10.9  
130 21.0 15.6 23.4

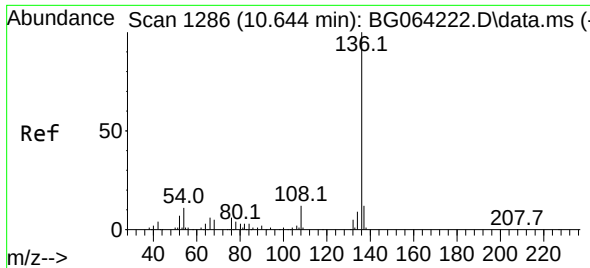


#20  
3+4-Methylphenols  
Concen: 39.559 ng  
RT: 8.607 min Scan# 939  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion: 107 Resp: 68622  
Ion Ratio Lower Upper  
107 100  
108 84.8 68.1 108.1  
77 40.5 15.9 55.9  
79 36.0 16.0 56.0



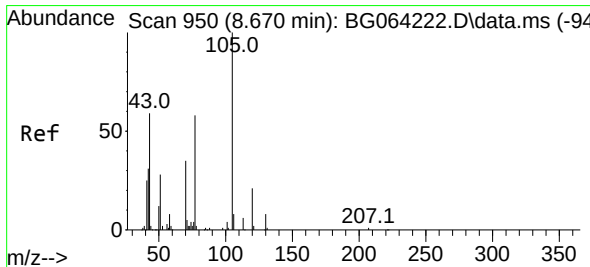
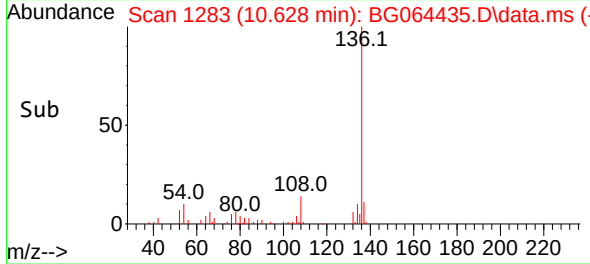
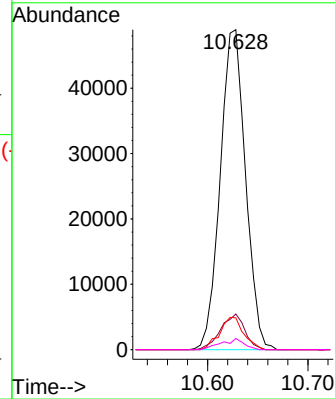
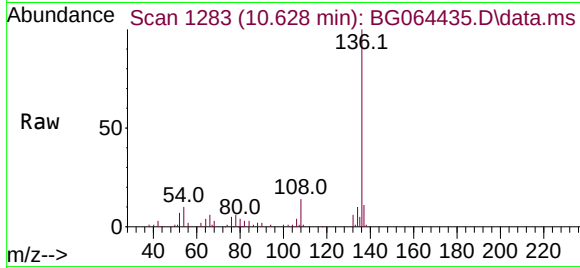




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.628 min Scan# 11  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

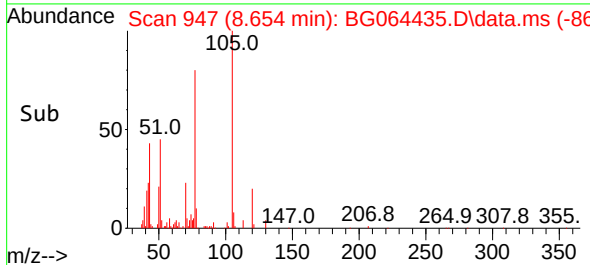
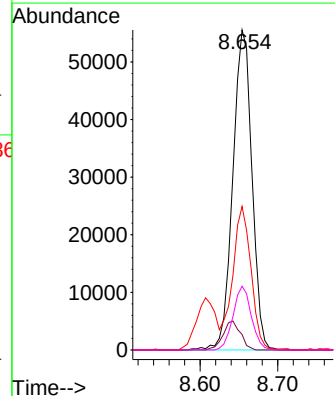
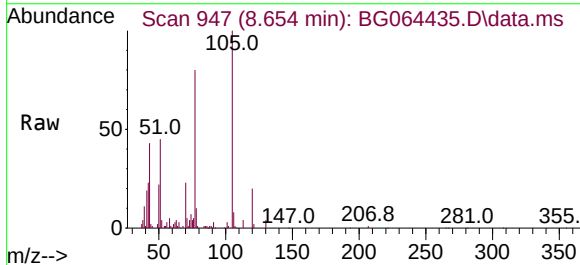
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

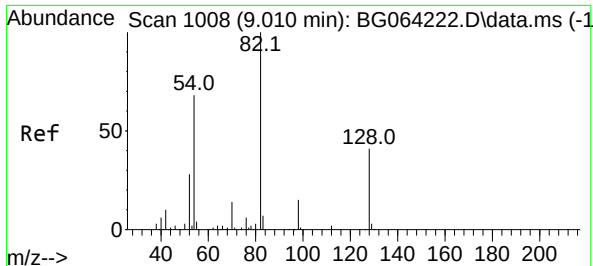
Tgt Ion:136 Resp: 85807  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.6 14.4  
54 9.9 8.8 13.2  
68 3.5 4.1 6.1#



#22  
Acetophenone  
Concen: 43.922 ng  
RT: 8.654 min Scan# 947  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:105 Resp: 95348  
Ion Ratio Lower Upper  
105 100  
71 4.8 4.3 6.5  
51 44.8 32.4 48.6  
120 19.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 97.018 ng

RT: 8.995 min Scan# 1005

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

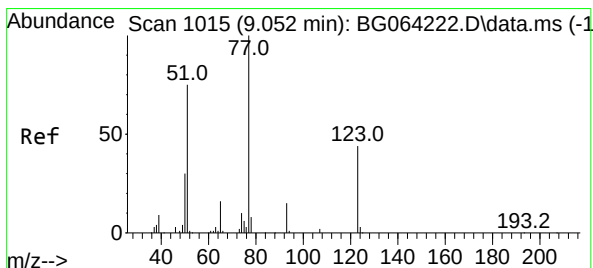
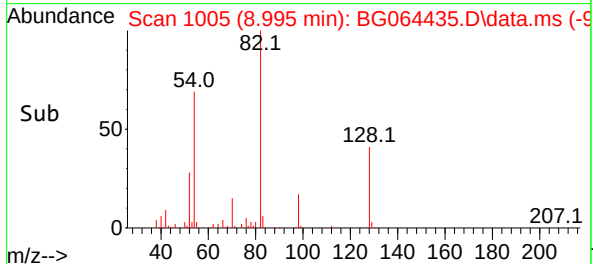
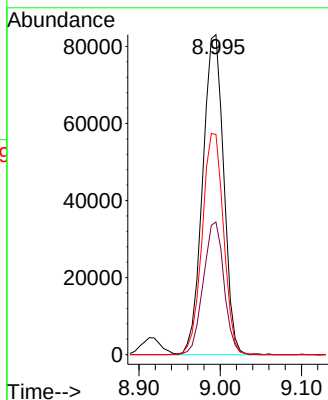
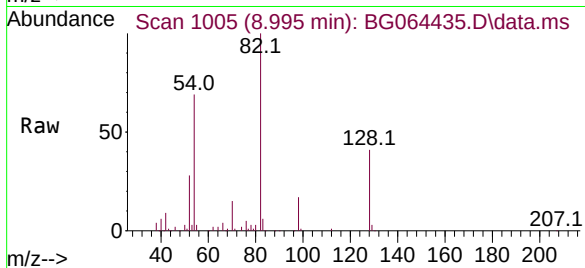
Tgt Ion: 82 Resp: 149270

Ion Ratio Lower Upper

82 100

128 41.4 32.6 48.8

54 68.8 54.7 82.1



#24

Nitrobenzene

Concen: 45.698 ng

RT: 9.030 min Scan# 1011

Delta R.T. -0.028 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

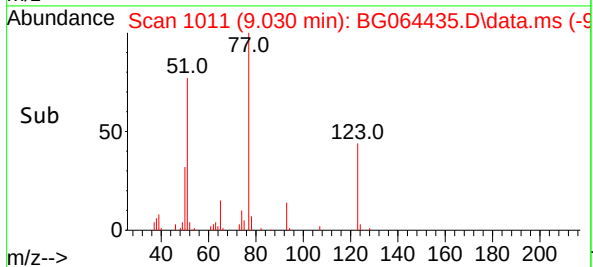
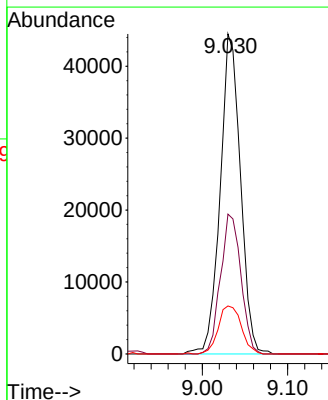
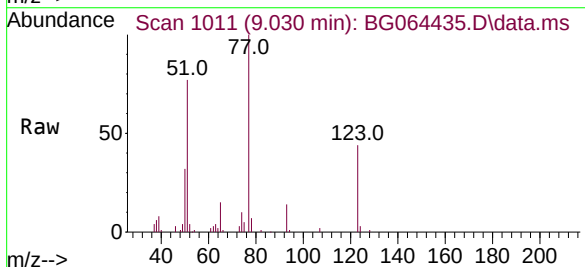
Tgt Ion: 77 Resp: 73460

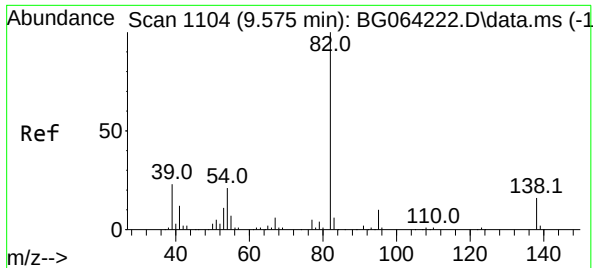
Ion Ratio Lower Upper

77 100

123 43.7 35.2 52.8

65 15.0 12.6 19.0





#25

Isophorone

Concen: 40.964 ng

RT: 9.553 min Scan# 1104

Delta R.T. -0.034 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

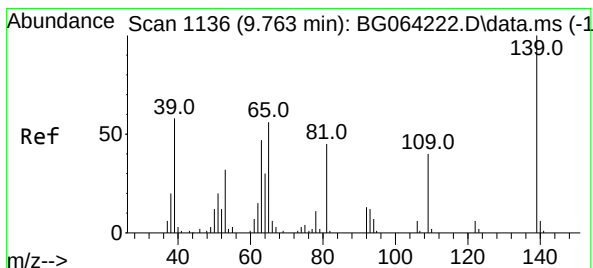
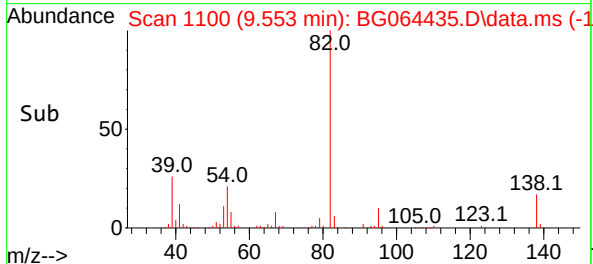
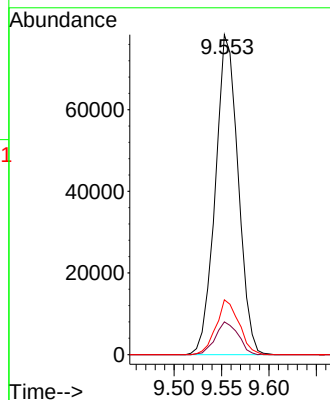
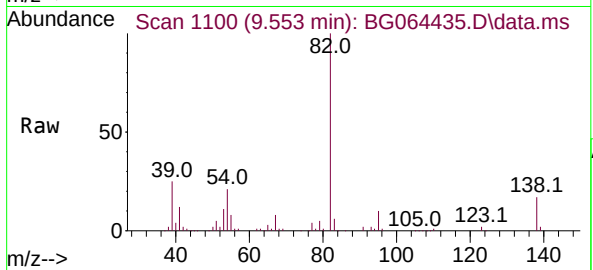
Tgt Ion: 82 Resp: 130989

Ion Ratio Lower Upper

82 100

95 10.2 7.9 11.9

138 17.1 13.0 19.4



#26

2-Nitrophenol

Concen: 50.365 ng

RT: 9.741 min Scan# 1132

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

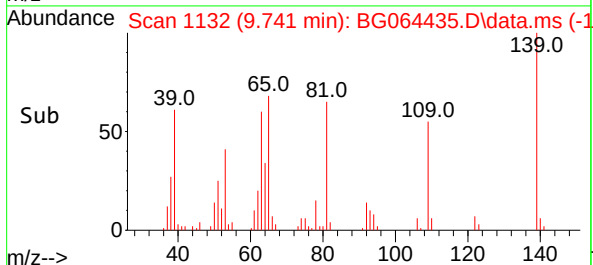
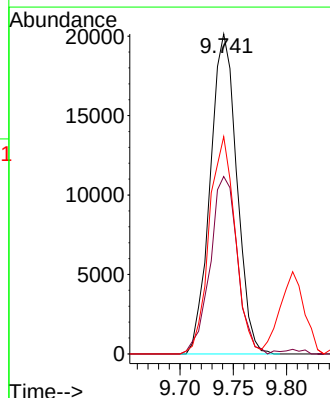
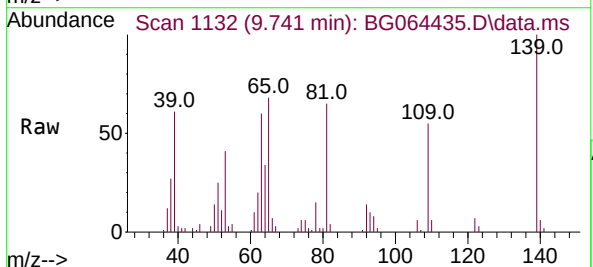
Tgt Ion: 139 Resp: 34984

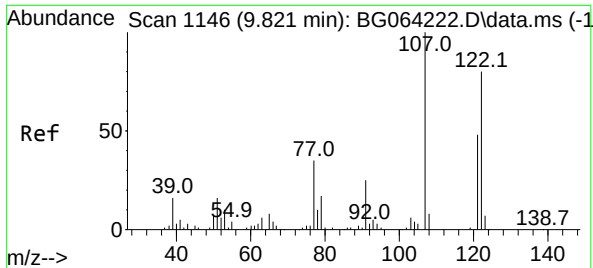
Ion Ratio Lower Upper

139 100

109 55.4 32.4 48.6#

65 67.9 44.6 67.0#

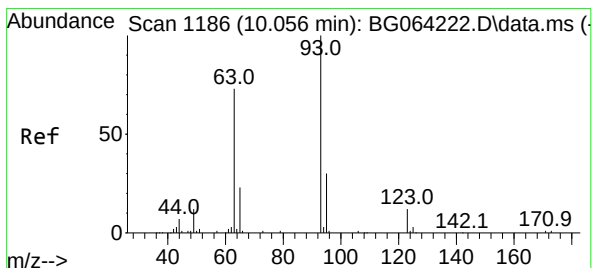
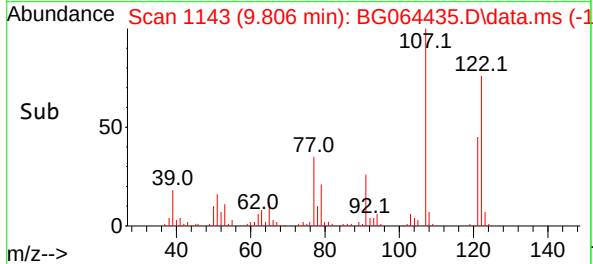
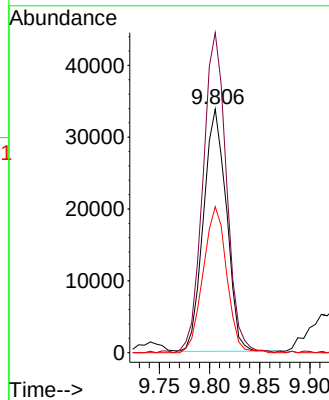
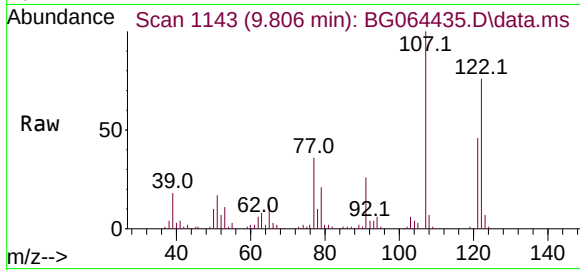




#27  
2,4-Dimethylphenol  
Concen: 44.030 ng  
RT: 9.806 min Scan# 1146  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

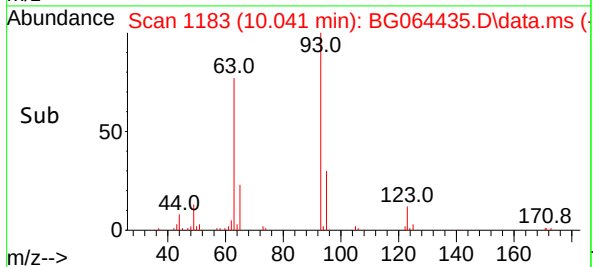
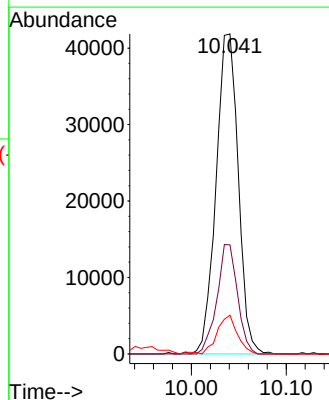
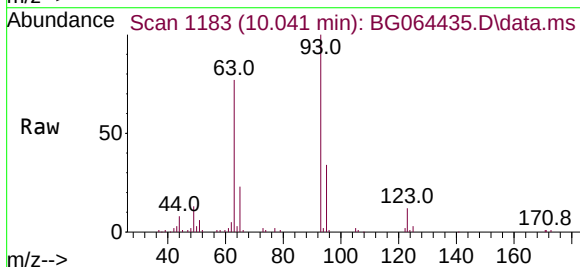
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

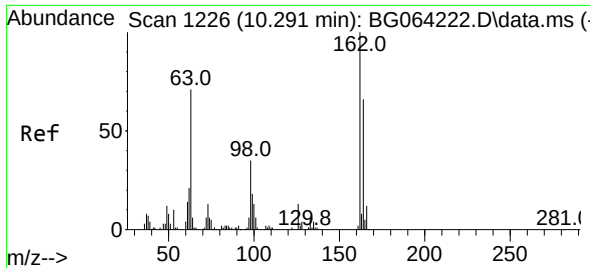
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 131.4 | 99.9  | 149.9 |
| 121     | 59.9  | 48.6  | 72.8  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.481 ng  
RT: 10.041 min Scan# 1183  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.1  | 23.9  | 35.9  |
| 123     | 12.1  | 9.6   | 14.4  |





#29

2,4-Dichlorophenol

Concen: 50.122 ng

RT: 10.282 min Scan# 11

Delta R.T. -0.016 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

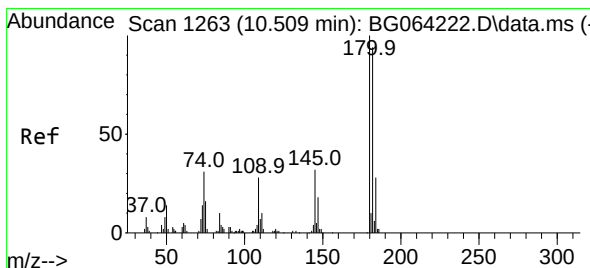
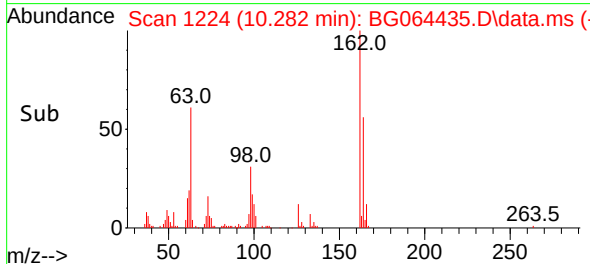
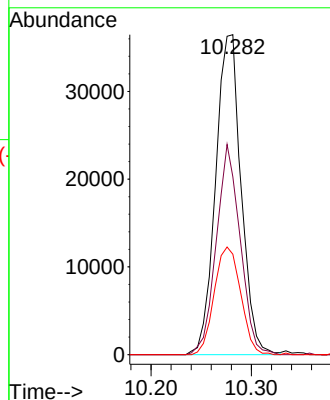
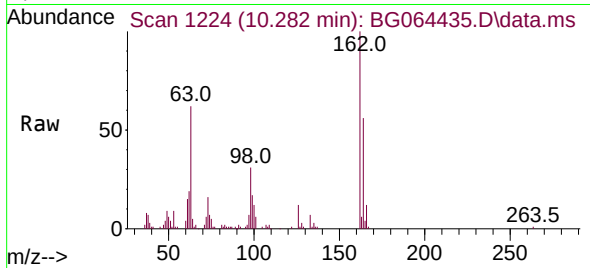
Tgt Ion:162 Resp: 64493

Ion Ratio Lower Upper

162 100

164 55.6 45.8 85.8

98 31.4 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 52.840 ng

RT: 10.493 min Scan# 1260

Delta R.T. -0.016 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

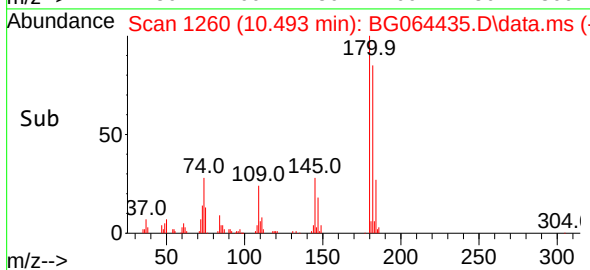
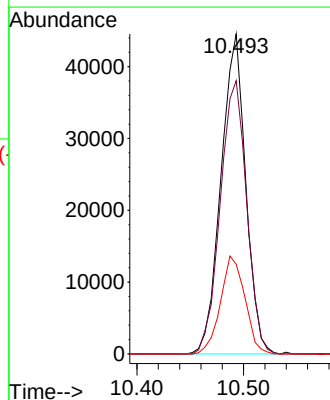
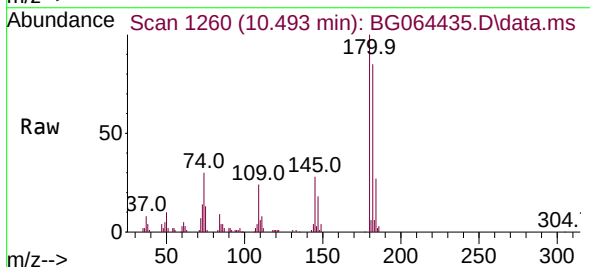
Tgt Ion:180 Resp: 71689

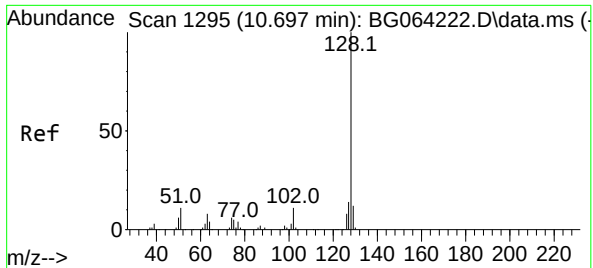
Ion Ratio Lower Upper

180 100

182 85.4 75.0 112.6

145 28.0 25.4 38.0

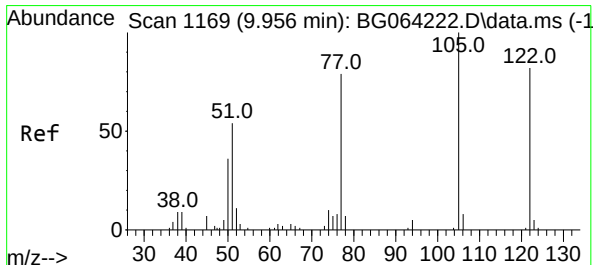
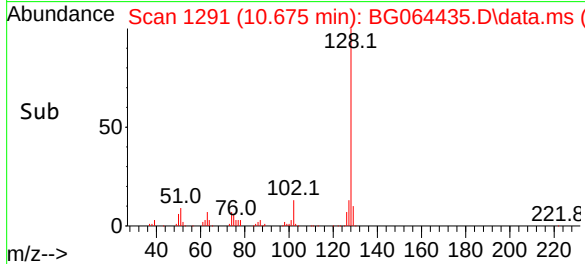
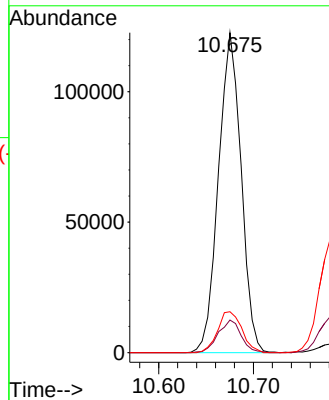
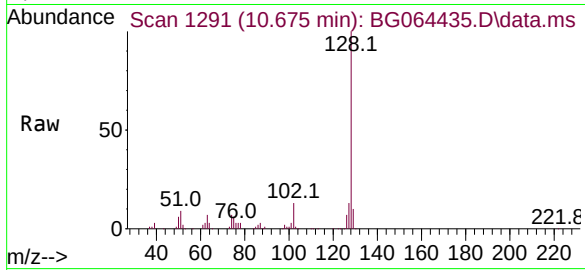




#31  
Naphthalene  
Concen: 45.729 ng  
RT: 10.675 min Scan# 1170  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

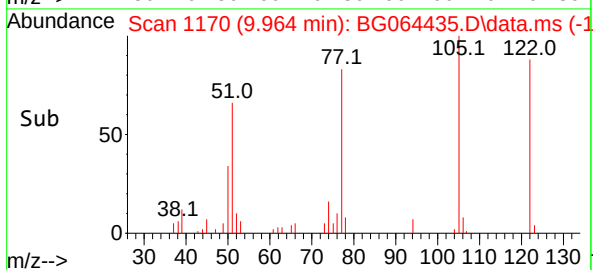
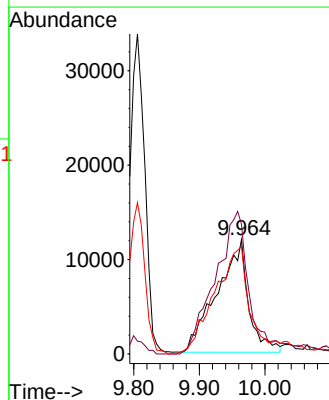
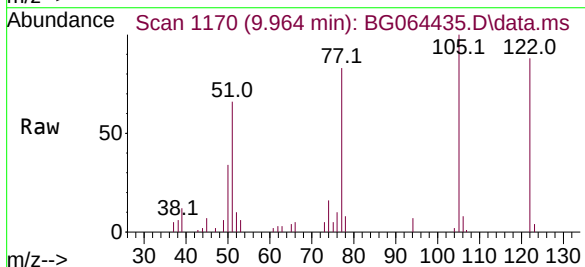
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

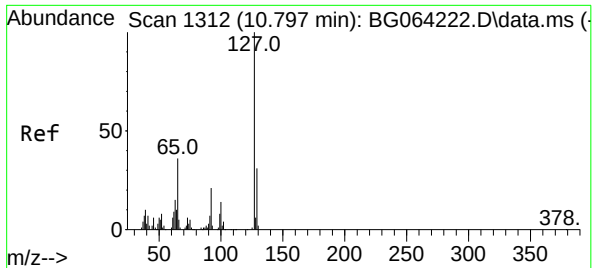
Tgt Ion:128 Resp: 203475  
Ion Ratio Lower Upper  
128 100  
129 10.2 9.4 14.2  
127 12.8 10.9 16.3



#32  
Benzoic acid  
Concen: 41.105 ng  
RT: 9.964 min Scan# 1170  
Delta R.T. -0.051 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:122 Resp: 39791  
Ion Ratio Lower Upper  
122 100  
105 113.4 98.5 138.5  
77 94.1 74.6 114.6

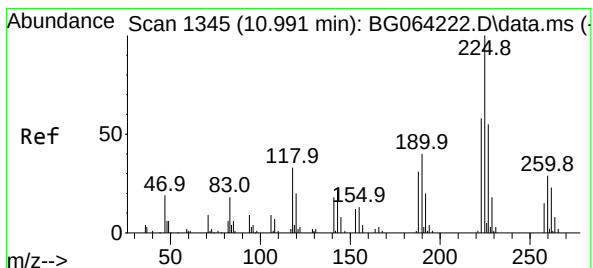
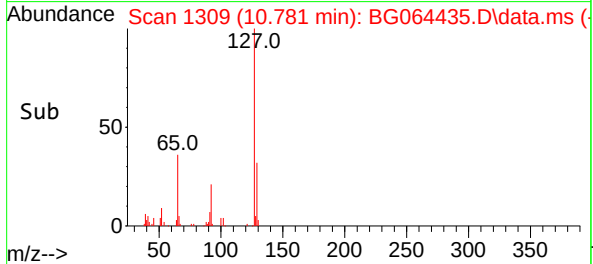
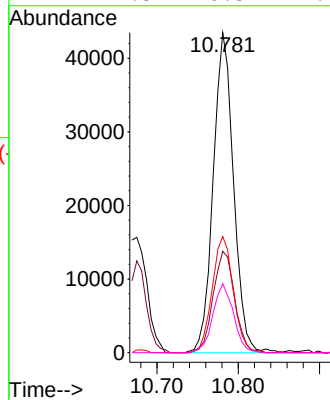
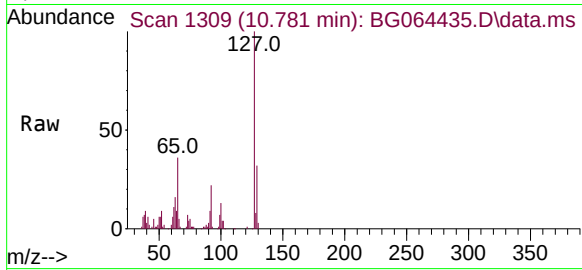




#33  
4-Chloroaniline  
Concen: 43.765 ng  
RT: 10.781 min Scan# 1309  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

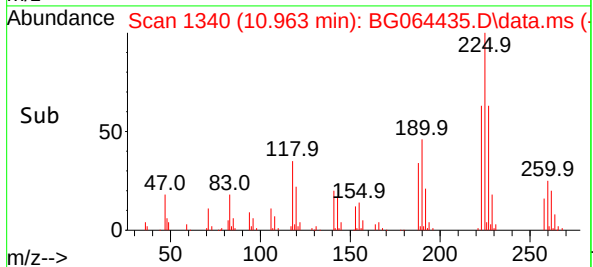
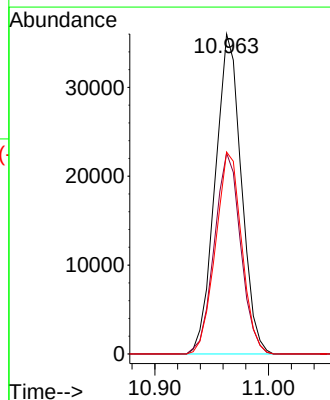
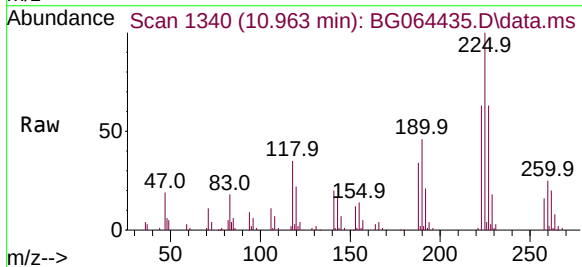
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

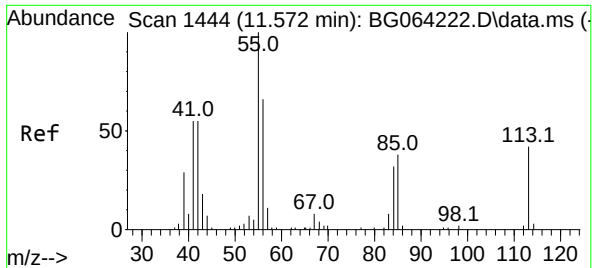
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 75475 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.7  | 25.0  | 37.4  |
| 65       | 36.3  | 28.7  | 43.1  |
| 92       | 21.5  | 16.5  | 24.7  |



#34  
Hexachlorobutadiene  
Concen: 57.207 ng  
RT: 10.963 min Scan# 1340  
Delta R.T. -0.028 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 57372 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.8  | 46.5  | 69.7  |
| 227      | 63.1  | 44.1  | 66.1  |

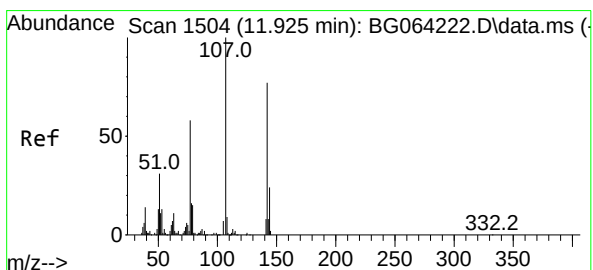
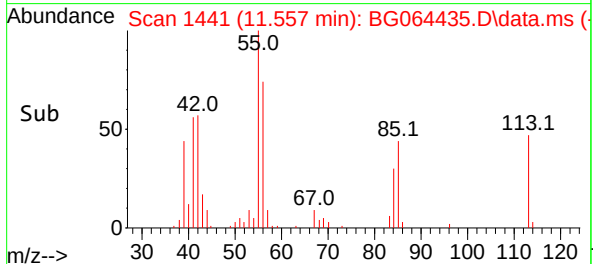
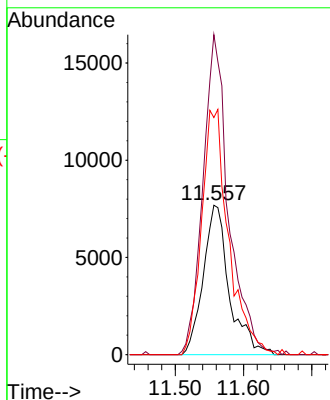
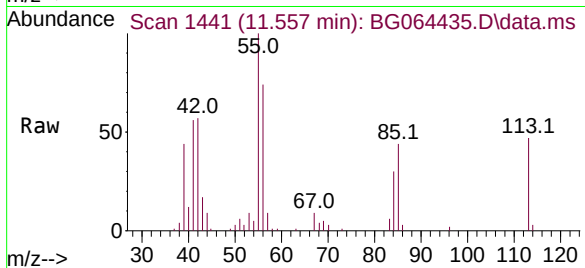




#35  
Caprolactam  
Concen: 40.907 ng  
RT: 11.557 min Scan# 14  
Delta R.T. -0.045 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

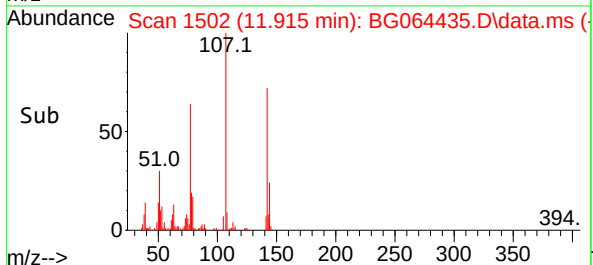
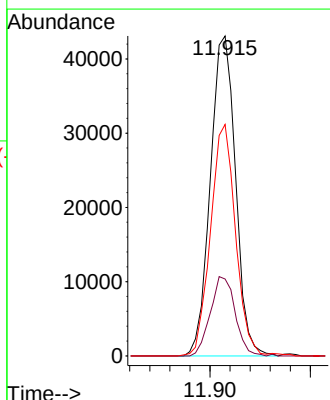
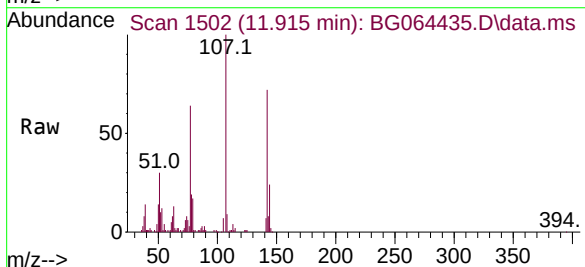
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:113 Resp: 20381  
Ion Ratio Lower Upper  
113 100  
55 214.3 218.5 258.5#  
56 158.7 138.5 178.5

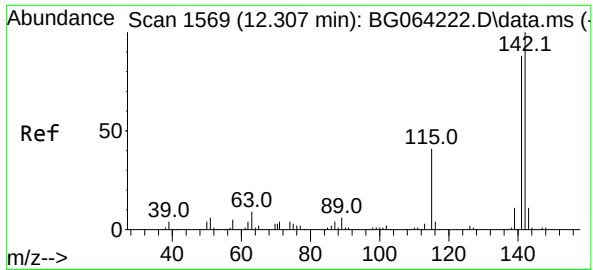


#36  
4-Chloro-3-methylphenol  
Concen: 45.079 ng  
RT: 11.915 min Scan# 1502  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:107 Resp: 75258  
Ion Ratio Lower Upper  
107 100  
144 24.0 19.5 29.3  
142 72.3 62.0 93.0



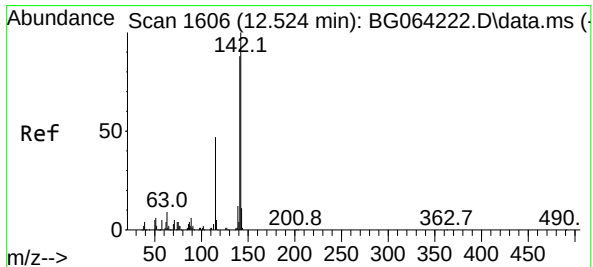
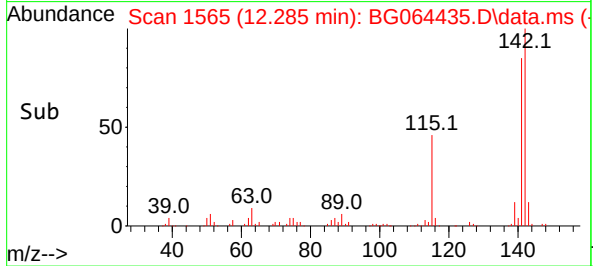
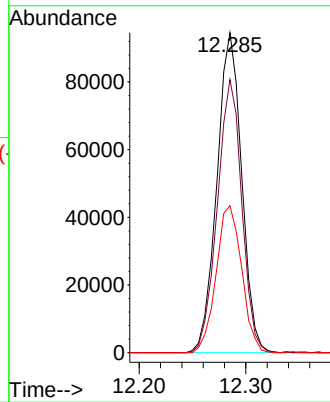
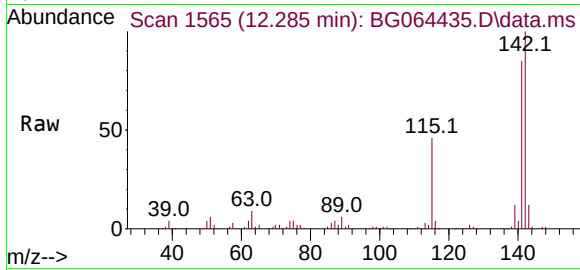




#37  
2-Methylnaphthalene  
Concen: 46.155 ng  
RT: 12.285 min Scan# 11  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

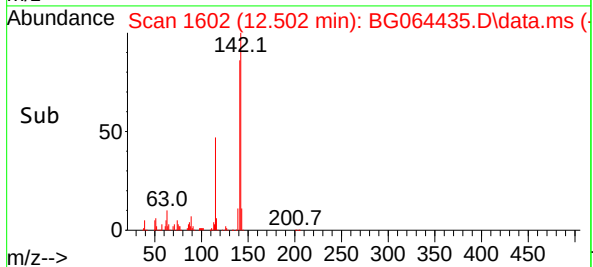
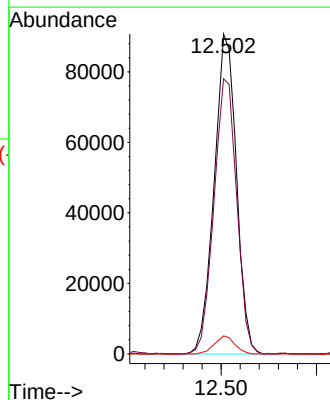
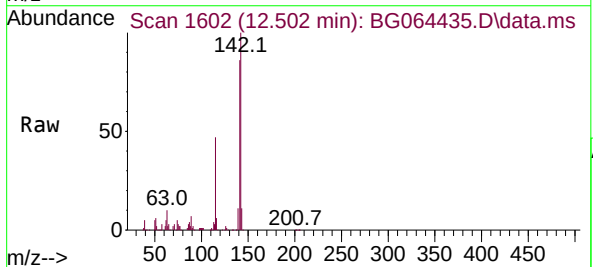
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

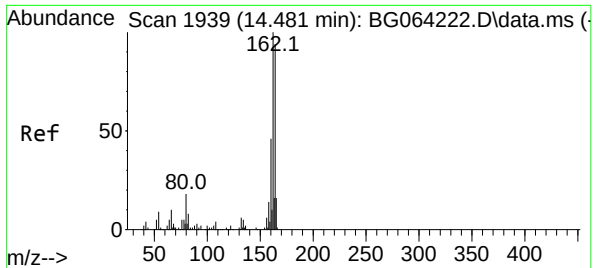
Tgt Ion:142 Resp: 152650  
Ion Ratio Lower Upper  
142 100  
141 85.3 70.1 105.1  
115 45.9 33.1 49.7



#38  
1-Methylnaphthalene  
Concen: 45.120 ng m  
RT: 12.502 min Scan# 1602  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:142 Resp: 147398  
Ion Ratio Lower Upper  
142 100  
141 86.0 70.3 105.5  
116 5.6 3.7 5.5#

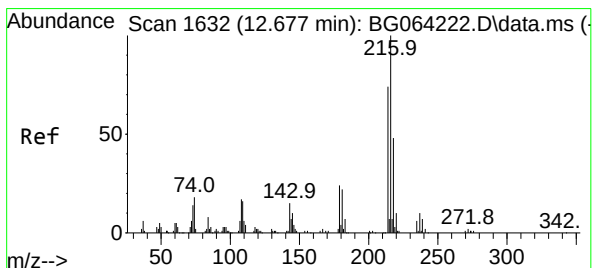
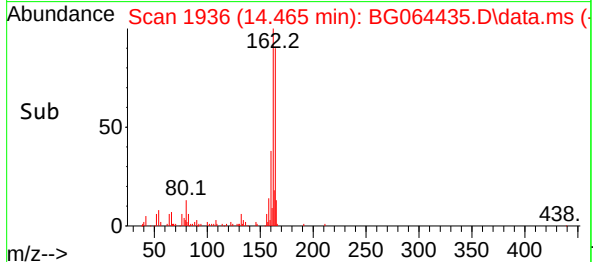
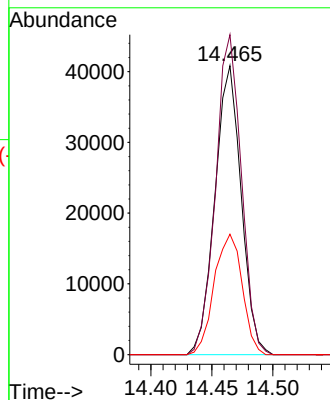
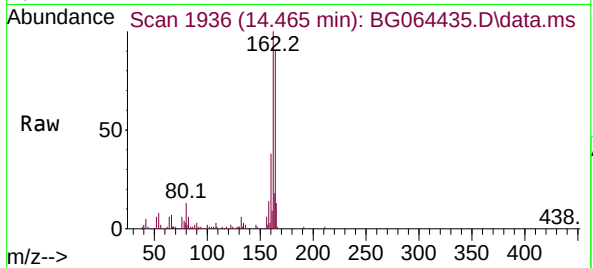




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.465 min Scan# 1936  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

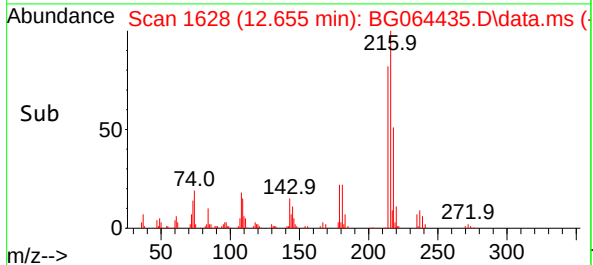
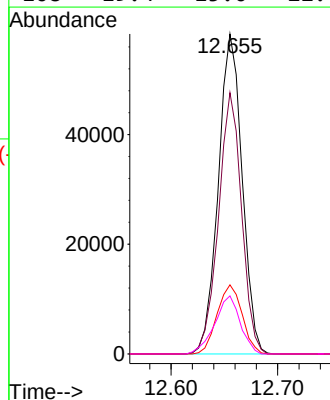
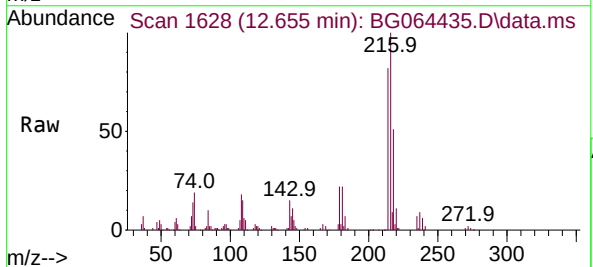
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

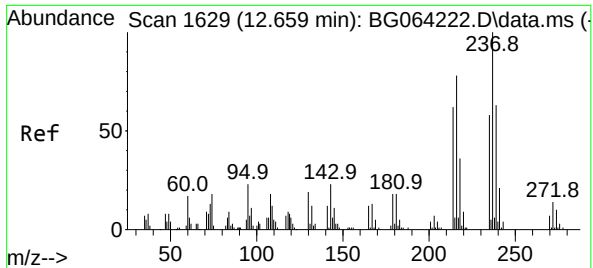
Tgt Ion:164 Resp: 61310  
Ion Ratio Lower Upper  
164 100  
162 110.8 85.4 128.0  
160 41.7 39.2 58.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.207 ng  
RT: 12.655 min Scan# 1628  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

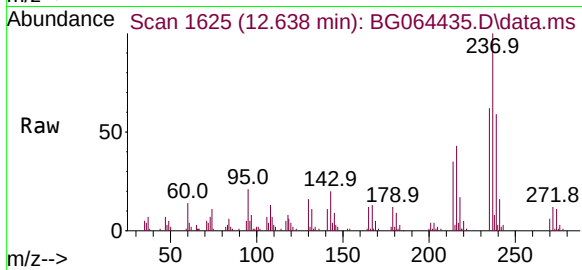
Tgt Ion:216 Resp: 90585  
Ion Ratio Lower Upper  
216 100  
214 79.1 61.9 92.9  
179 22.6 17.9 26.9  
108 19.4 15.0 22.4



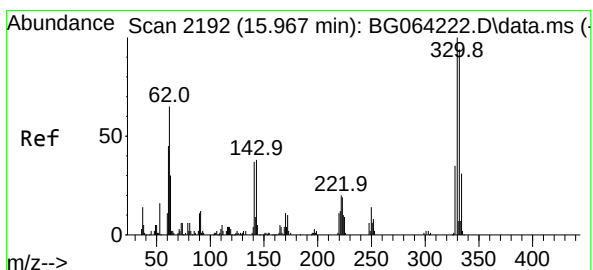
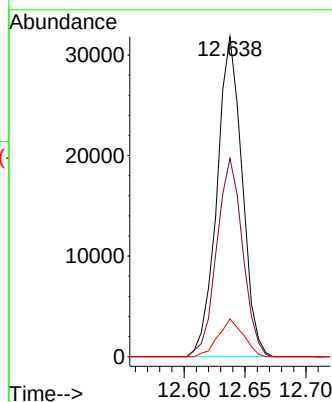
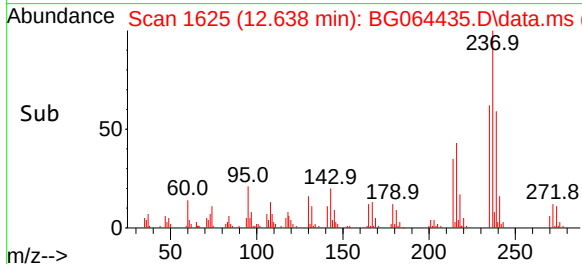


#41  
Hexachlorocyclopentadiene  
Concen: 54.425 ng  
RT: 12.638 min Scan# 1625  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

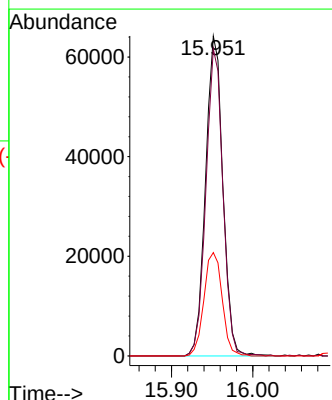
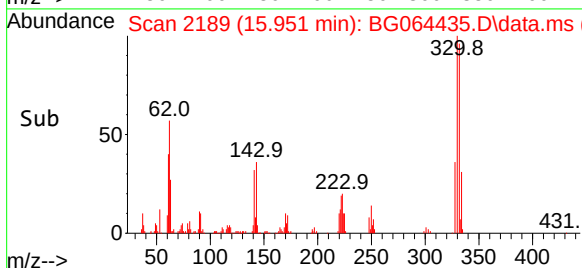
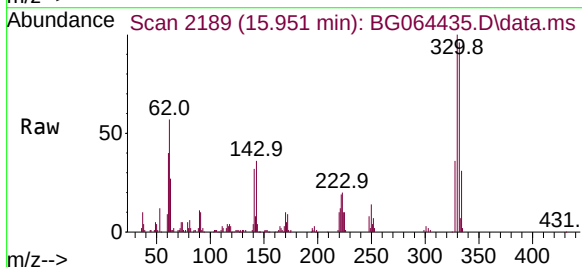


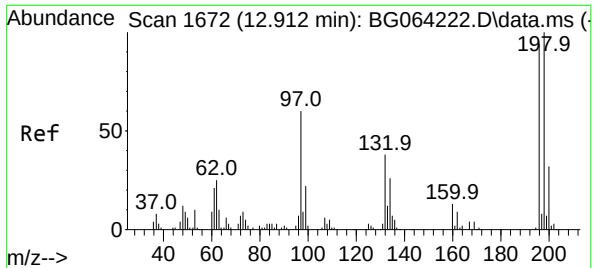
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.0  | 37.9  | 77.9  |
| 272     | 11.8  | 0.0   | 33.8  |



#42  
2,4,6-Tribromophenol  
Concen: 117.191 ng  
RT: 15.951 min Scan# 2189  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.3  | 77.6  | 116.4 |
| 141     | 34.0  | 29.8  | 44.6  |

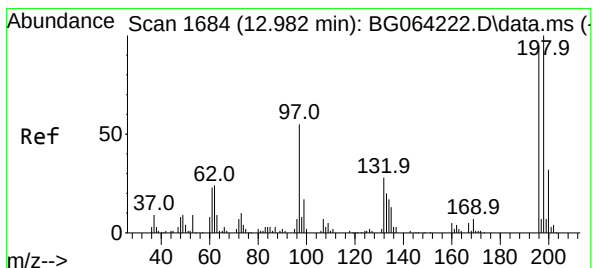
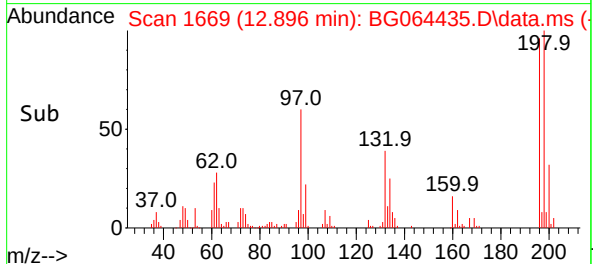
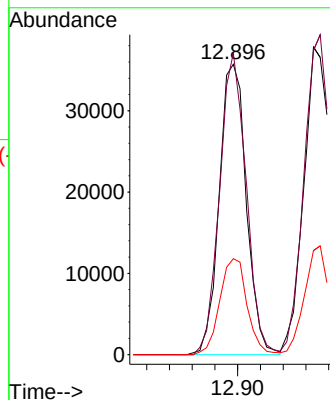
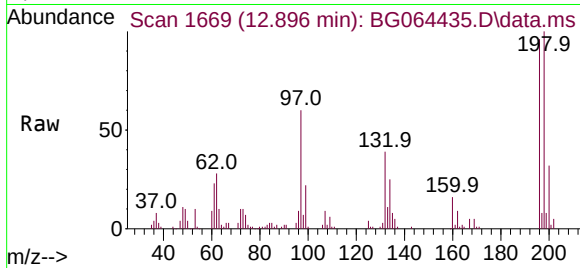




#43  
2,4,6-Trichlorophenol  
Concen: 49.967 ng  
RT: 12.896 min Scan# 1669  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

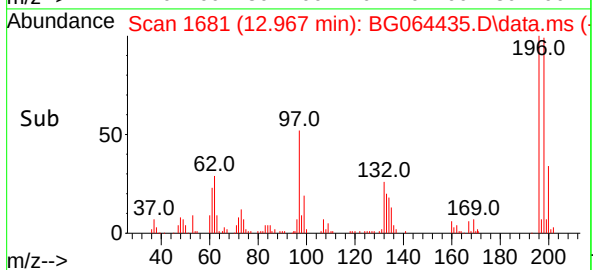
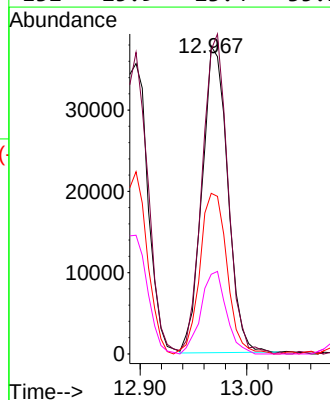
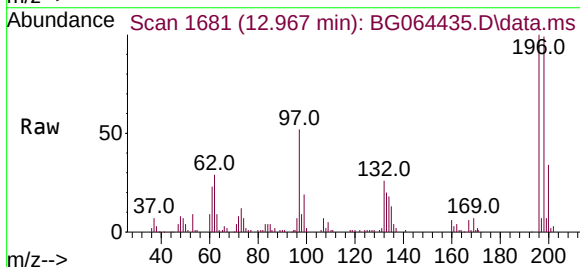
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

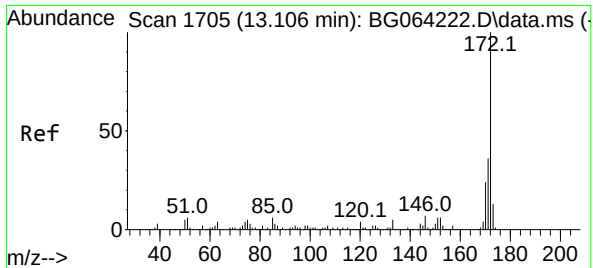
| Tgt Ion   | 196   | Resp: | 59079 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 103.8 | 85.4  | 128.2 |
| 200       | 33.0  | 27.3  | 40.9  |



#44  
2,4,5-Trichlorophenol  
Concen: 49.297 ng  
RT: 12.967 min Scan# 1681  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

| Tgt Ion   | 196   | Resp: | 63228 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 98.9  | 84.5  | 126.7 |
| 97        | 52.2  | 46.8  | 70.2  |
| 132       | 25.9  | 23.4  | 35.2  |





#45

2-Fluorobiphenyl

Concen: 93.587 ng

RT: 13.090 min Scan# 1705

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

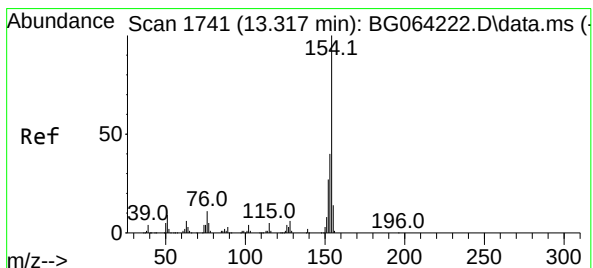
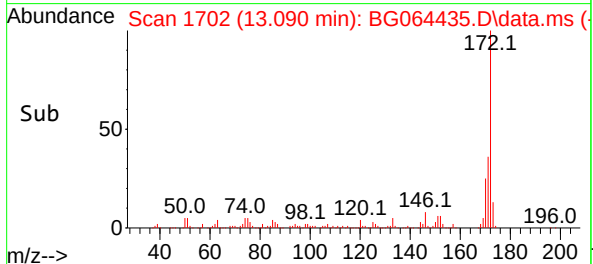
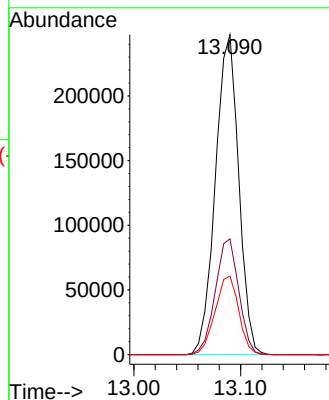
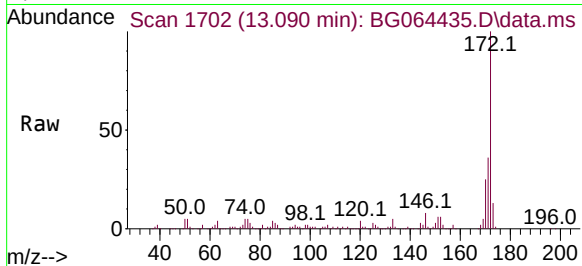
Tgt Ion:172 Resp: 375917

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.443 ng

RT: 13.296 min Scan# 1737

Delta R.T. -0.022 min

Lab File: BG064435.D

Acq: 23 Sep 2025 11:28

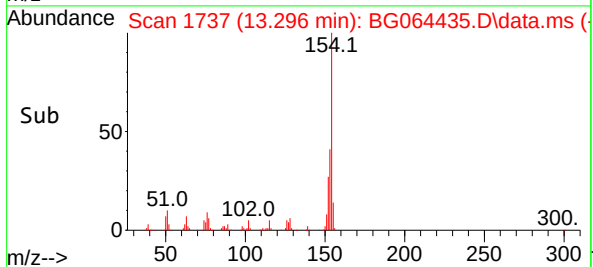
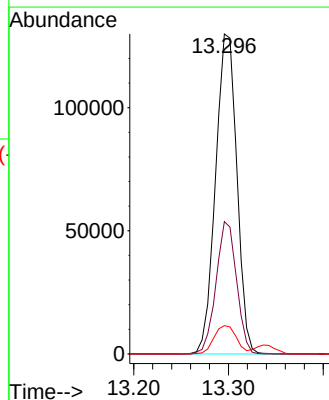
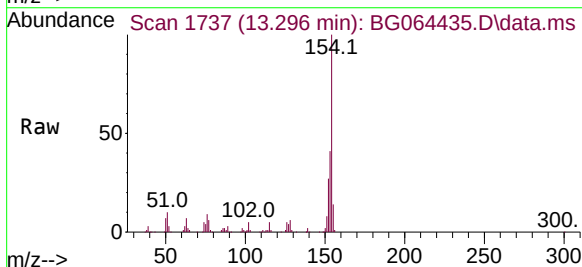
Tgt Ion:154 Resp: 202926

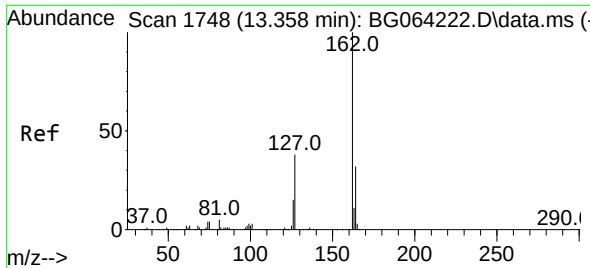
Ion Ratio Lower Upper

154 100

153 41.3 19.9 59.9

76 8.9 0.0 30.9

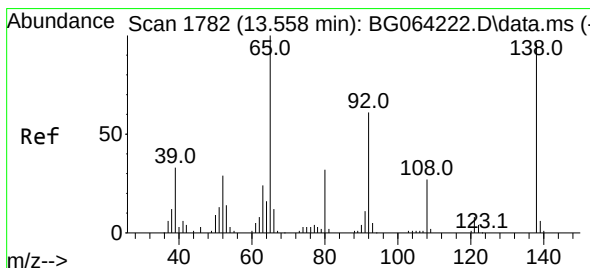
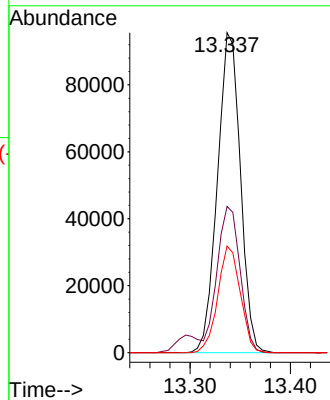
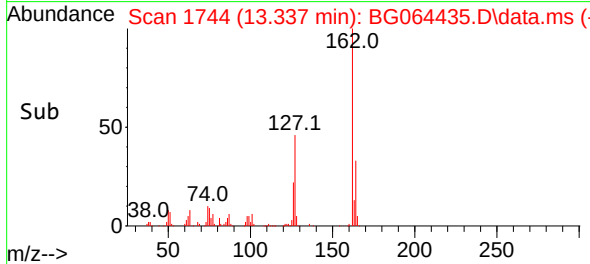
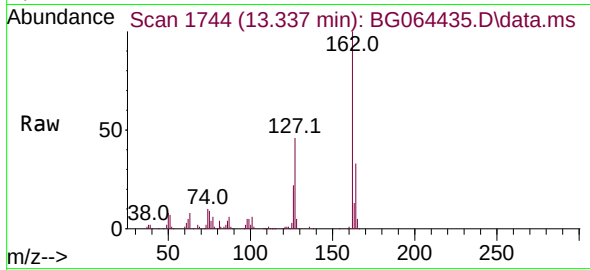




#47  
2-Chloronaphthalene  
Concen: 45.296 ng  
RT: 13.337 min Scan# 1744  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

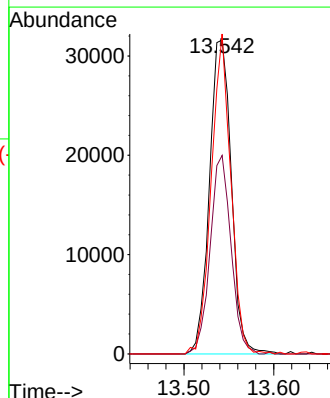
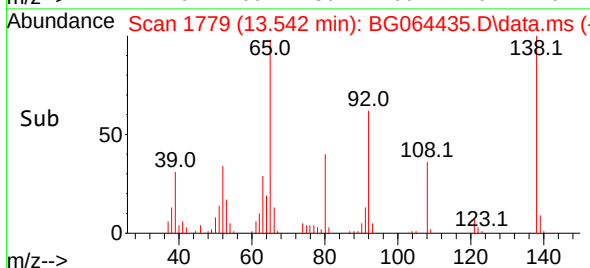
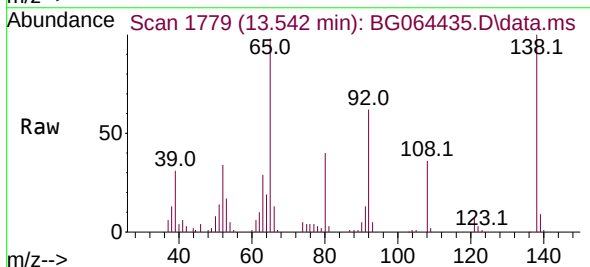
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

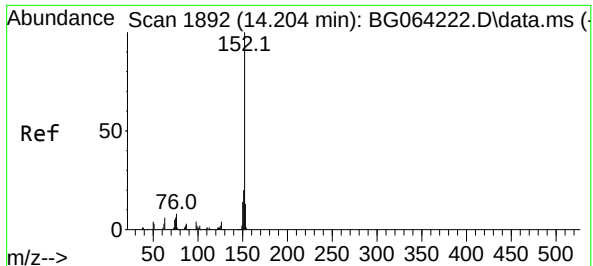
Tgt Ion:162 Resp: 152064  
Ion Ratio Lower Upper  
162 100  
127 45.7 33.9 50.9  
164 33.3 25.4 38.2



#48  
2-Nitroaniline  
Concen: 46.755 ng  
RT: 13.542 min Scan# 1779  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion: 65 Resp: 53499  
Ion Ratio Lower Upper  
65 100  
92 63.2 49.2 73.8  
138 101.9 76.8 115.2

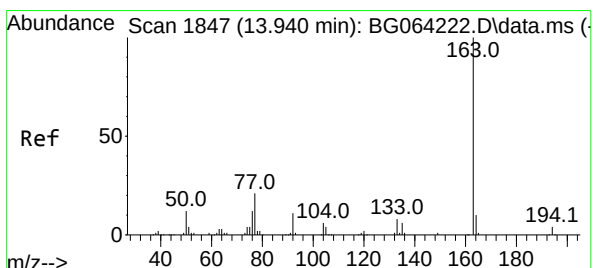
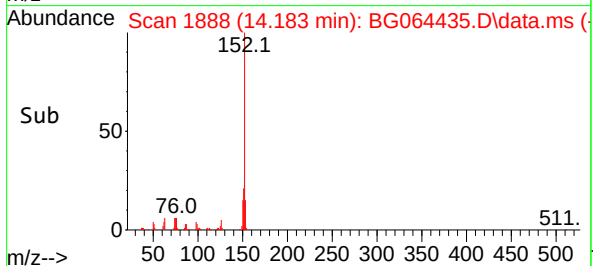
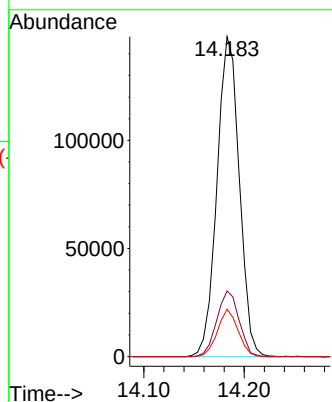
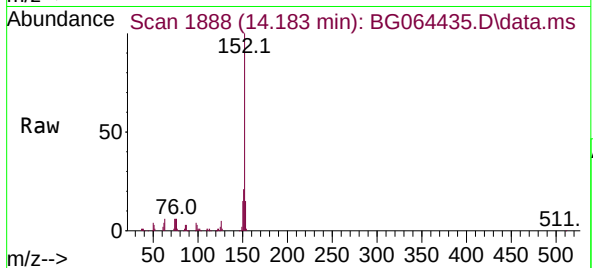




#49  
Acenaphthylene  
Concen: 46.127 ng  
RT: 14.183 min Scan# 1888  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

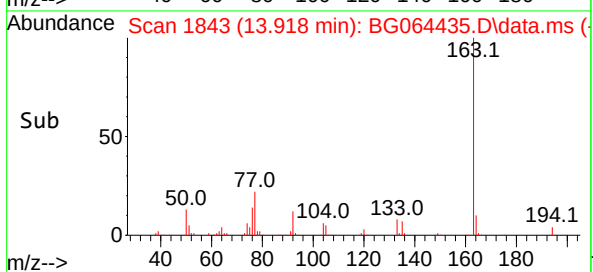
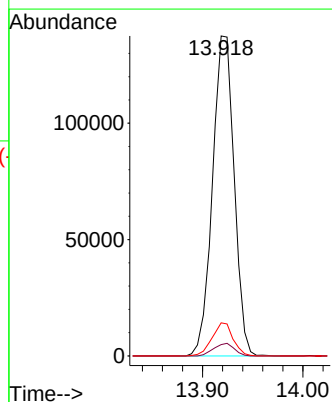
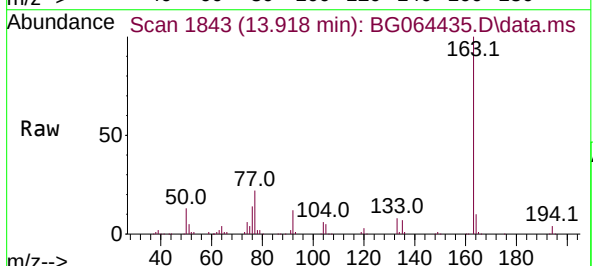
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

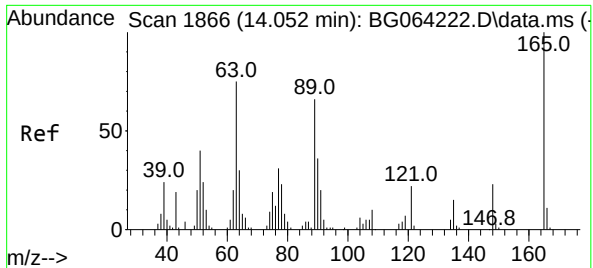
Tgt Ion:152 Resp: 228909  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.2 24.2  
153 14.8 10.1 15.1



#50  
Dimethylphthalate  
Concen: 44.496 ng  
RT: 13.918 min Scan# 1843  
Delta R.T. -0.028 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:163 Resp: 206493  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.4  
164 10.3 7.9 11.9

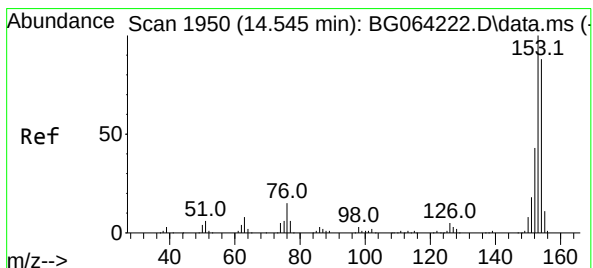
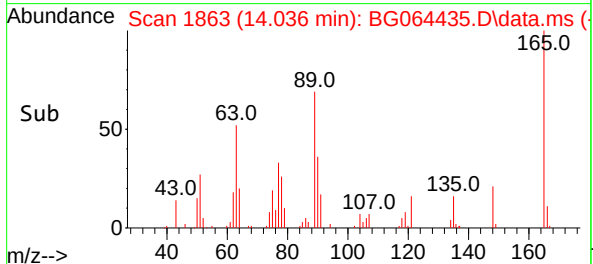
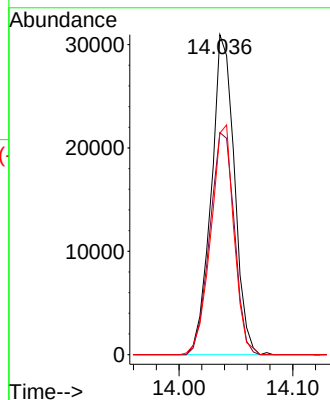
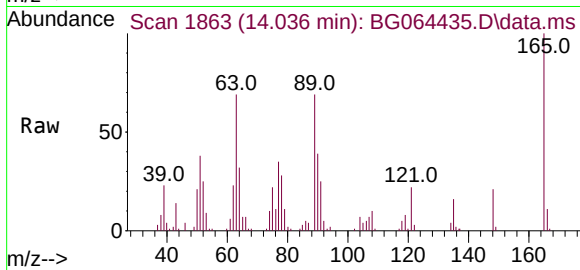




#51  
2,6-Dinitrotoluene  
Concen: 48.554 ng  
RT: 14.036 min Scan# 1866  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

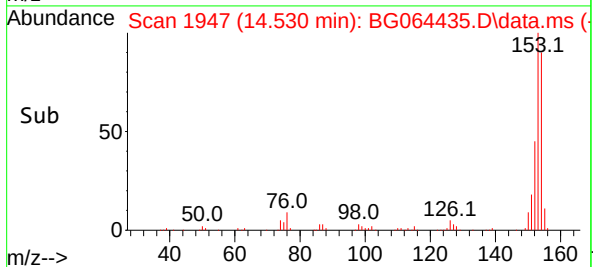
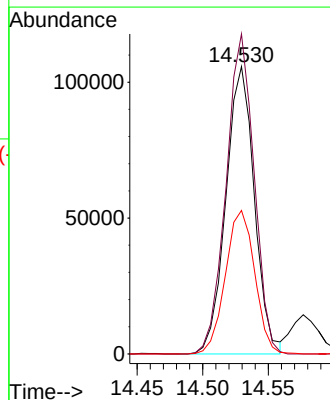
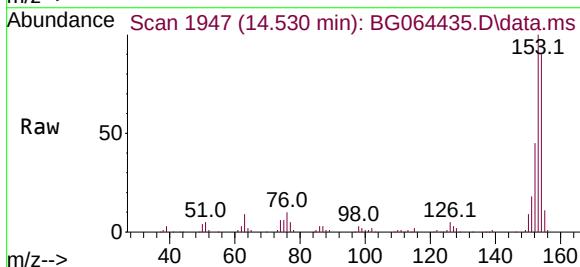
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | 165  | Ratio | 100  | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 63      | 69.4 | 60.3  | 90.5 |       |       |
| 89      | 69.2 | 52.9  | 79.3 |       |       |

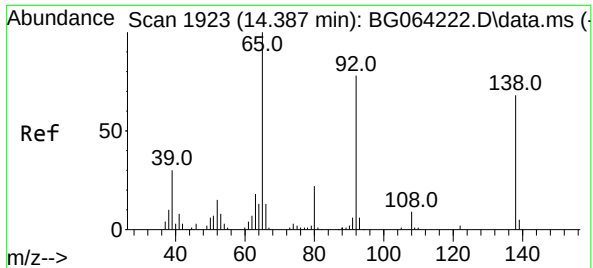


#52  
Acenaphthene  
Concen: 45.585 ng  
RT: 14.530 min Scan# 1947  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

| Tgt Ion | 154   | Ratio | 100   | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 153     | 111.4 | 91.1  | 136.7 |       |       |
| 152     | 49.9  | 39.6  | 59.4  |       |       |



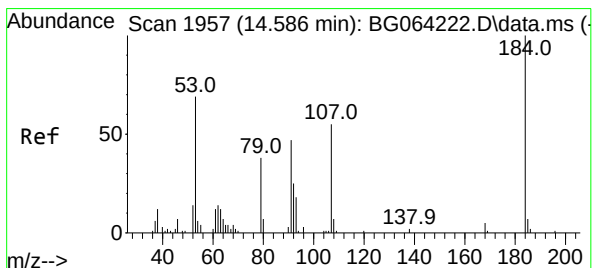
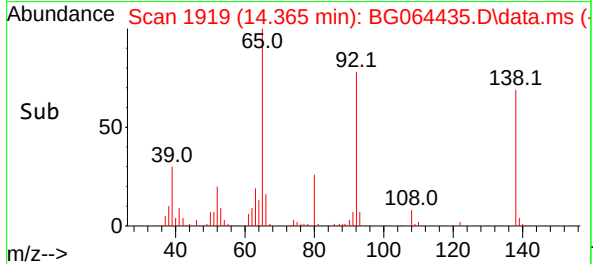
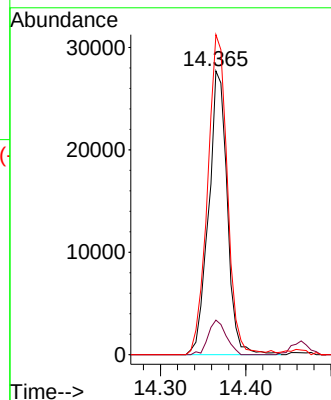
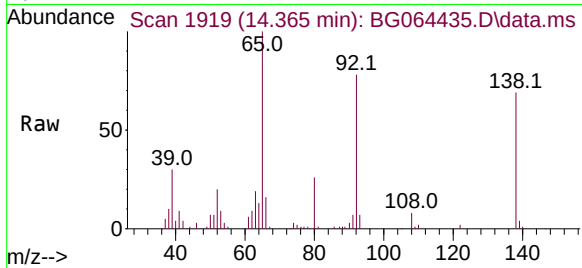




#53  
3-Nitroaniline  
Concen: 44.599 ng  
RT: 14.365 min Scan# 1919  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

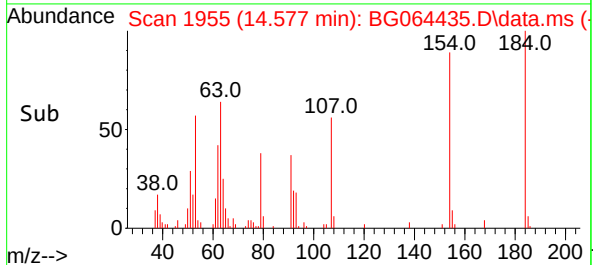
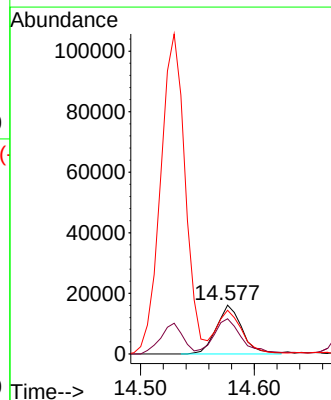
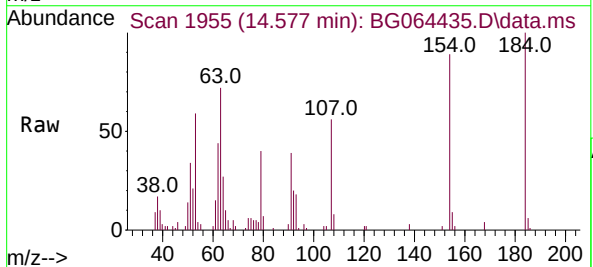
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

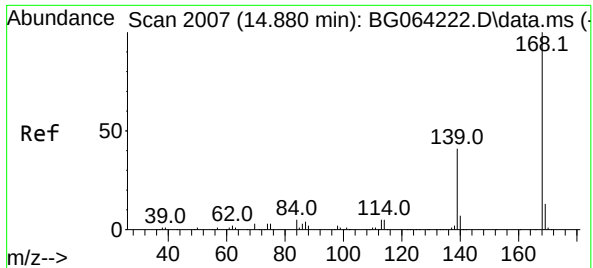
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 12.2  | 11.0  | 16.6  |
| 92      | 112.9 | 91.4  | 137.0 |



#54  
2,4-Dinitrophenol  
Concen: 45.261 ng  
RT: 14.577 min Scan# 1955  
Delta R.T. -0.015 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 72.1  | 60.1  | 90.1  |
| 154     | 89.5  | 59.8  | 89.8  |

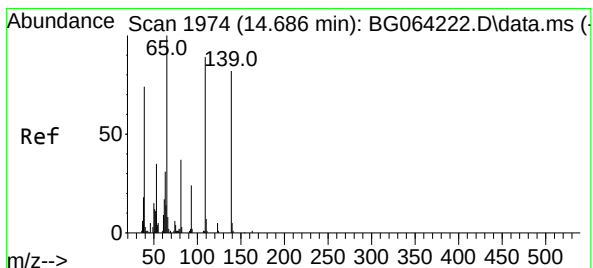
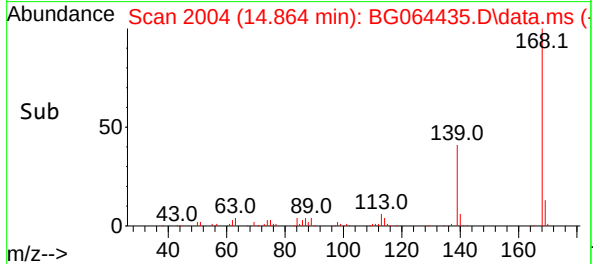
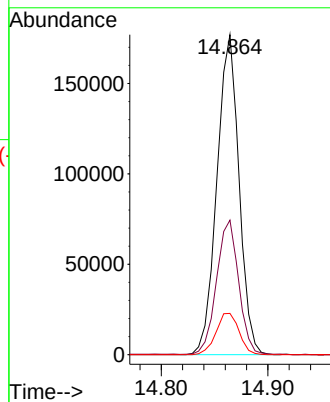
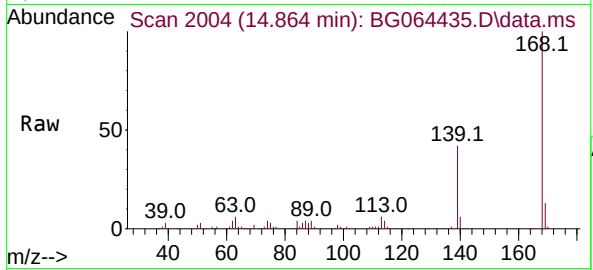




#55  
Dibenzofuran  
Concen: 46.371 ng  
RT: 14.864 min Scan# 2007  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

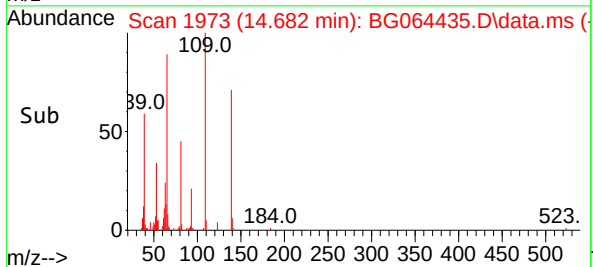
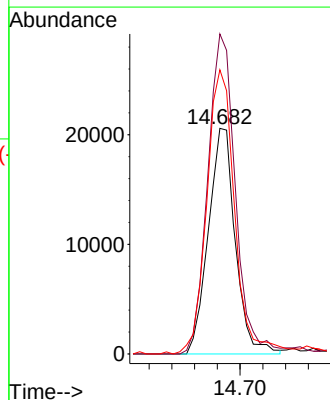
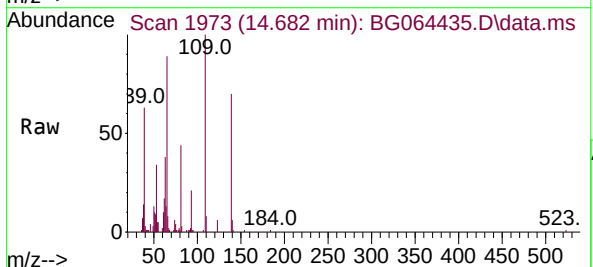
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

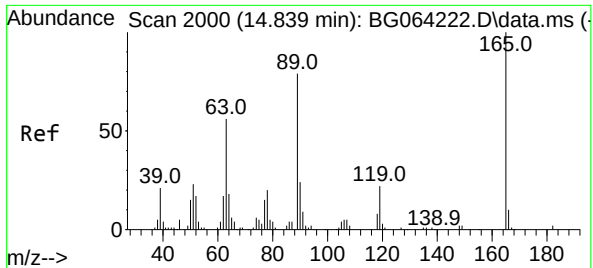
Tgt Ion:168 Resp: 255440  
Ion Ratio Lower Upper  
168 100  
139 42.0 33.2 49.8  
169 12.9 10.4 15.6



#56  
4-Nitrophenol  
Concen: 43.892 ng  
RT: 14.682 min Scan# 1973  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:139 Resp: 33883  
Ion Ratio Lower Upper  
139 100  
109 141.9 89.1 129.1#  
65 126.0 102.9 142.9

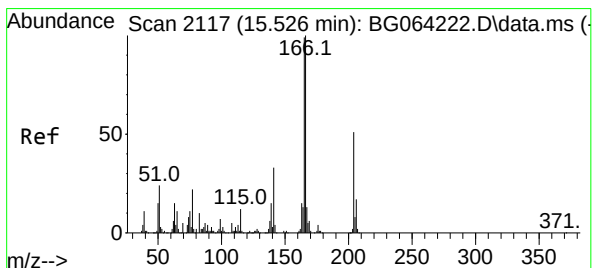
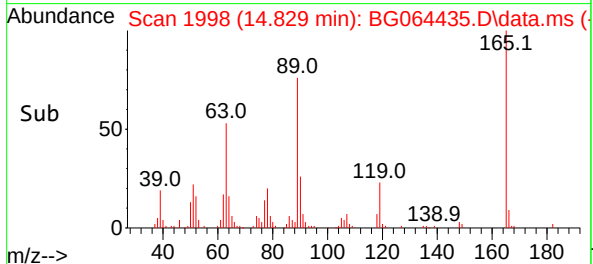
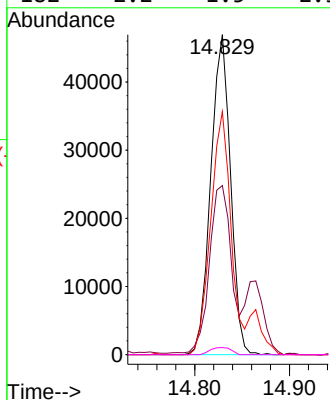
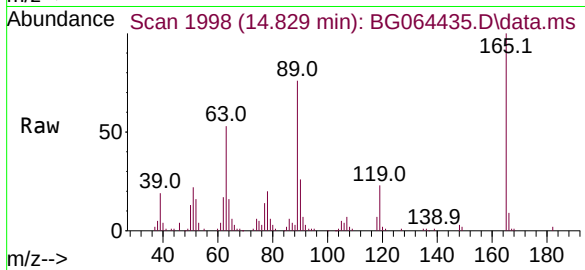




#57  
2,4-Dinitrotoluene  
Concen: 50.042 ng  
RT: 14.829 min Scan# 1998  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

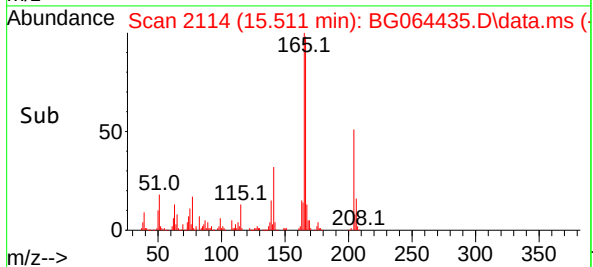
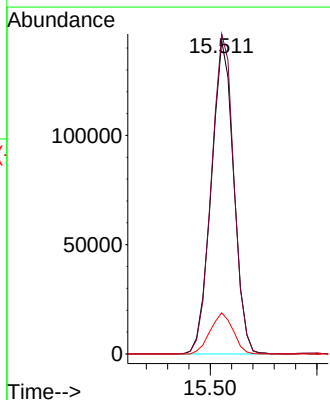
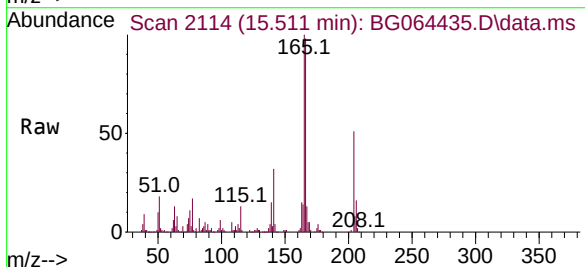
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

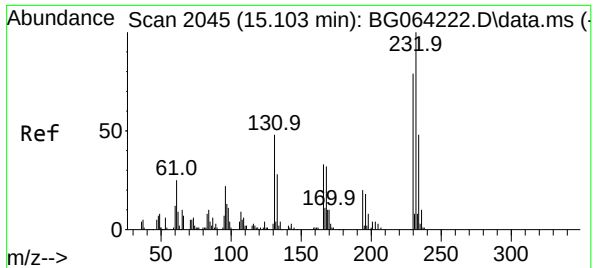
Tgt Ion:165 Resp: 67977  
Ion Ratio Lower Upper  
165 100  
63 52.8 44.6 67.0  
89 75.9 63.0 94.4  
182 2.2 1.5 2.3



#58  
Fluorene  
Concen: 46.424 ng  
RT: 15.511 min Scan# 2114  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:166 Resp: 209603  
Ion Ratio Lower Upper  
166 100  
165 102.2 79.1 118.7  
167 13.1 10.2 15.4

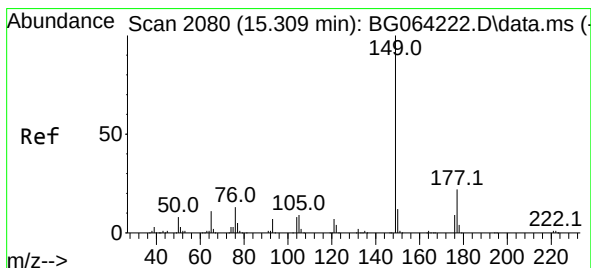
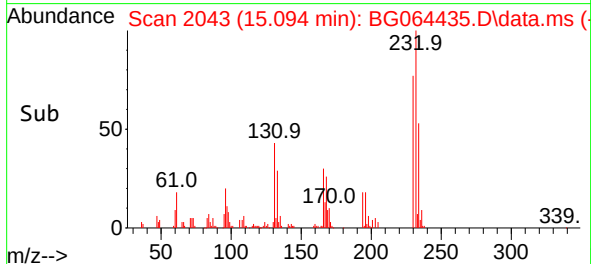
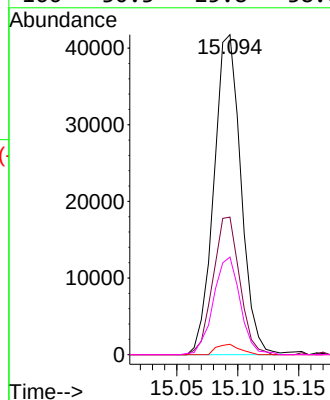
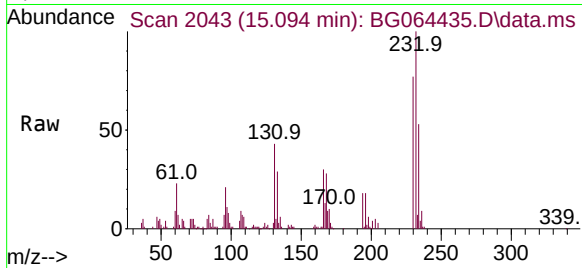




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.224 ng  
RT: 15.094 min Scan# 2043  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

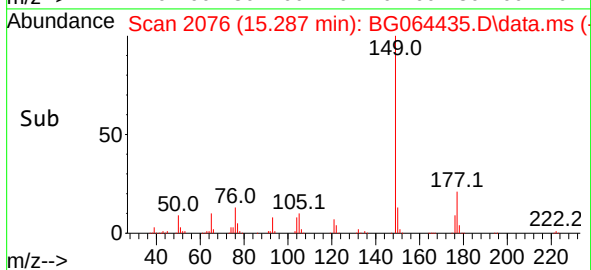
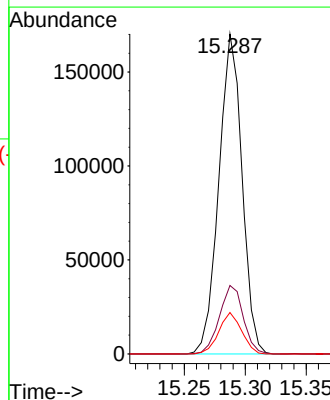
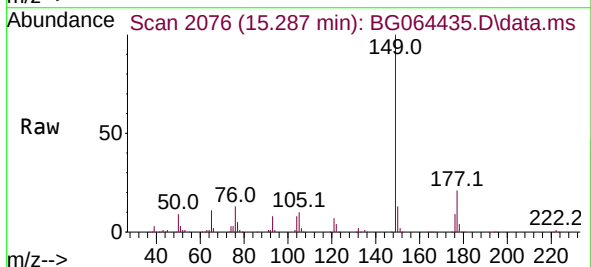
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

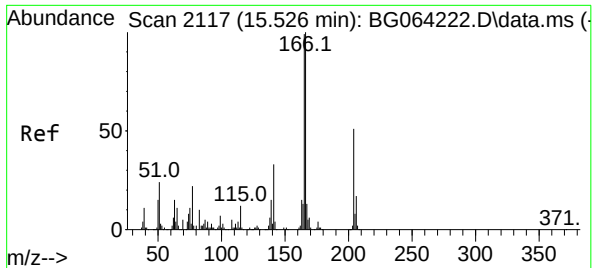
Tgt Ion:232 Resp: 64424  
Ion Ratio Lower Upper  
232 100  
131 42.4 37.1 55.7  
130 2.8 2.6 3.8  
166 30.3 25.8 38.6



#60  
Diethylphthalate  
Concen: 45.248 ng  
RT: 15.287 min Scan# 2076  
Delta R.T. -0.028 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:149 Resp: 224725  
Ion Ratio Lower Upper  
149 100  
177 21.4 17.5 26.3  
150 12.9 9.9 14.9

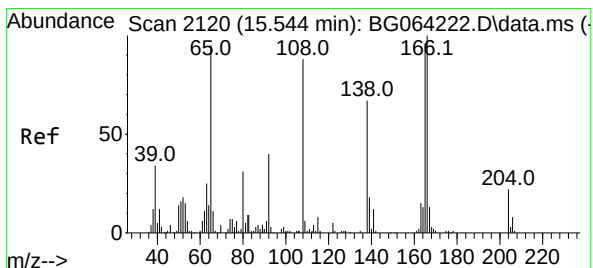
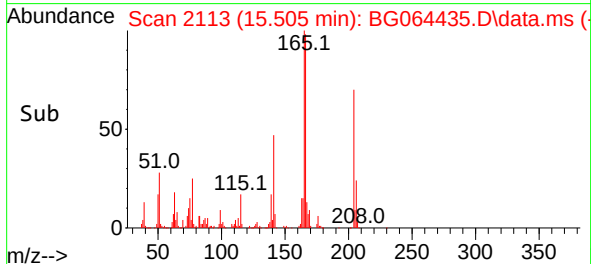
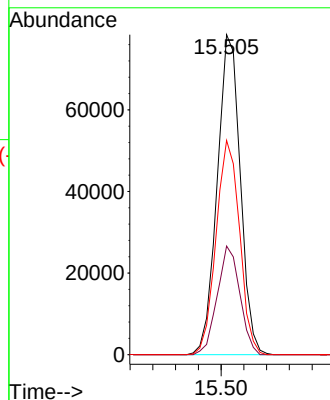
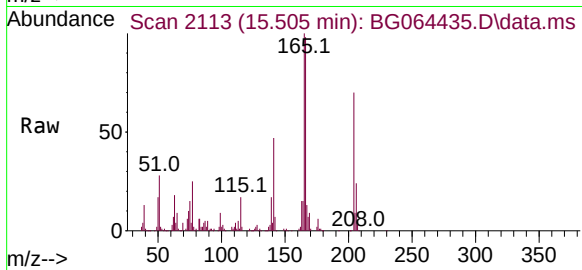




#61  
4-Chlorophenyl-phenylether  
Concen: 49.063 ng  
RT: 15.505 min Scan# 2113  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

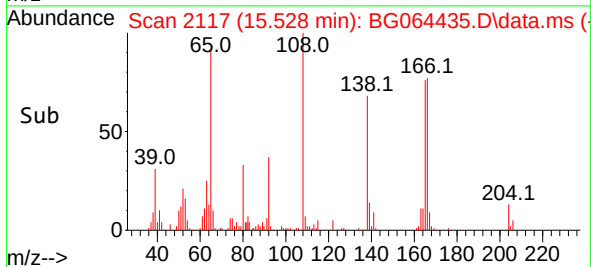
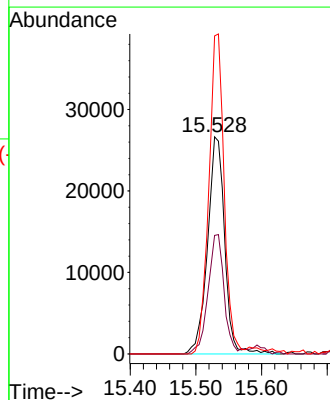
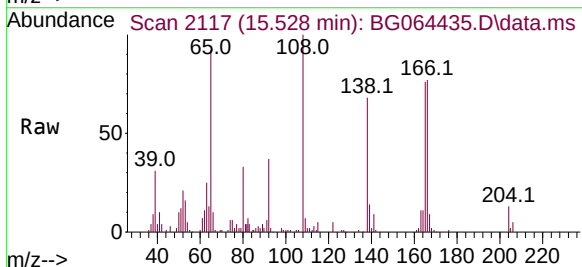
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

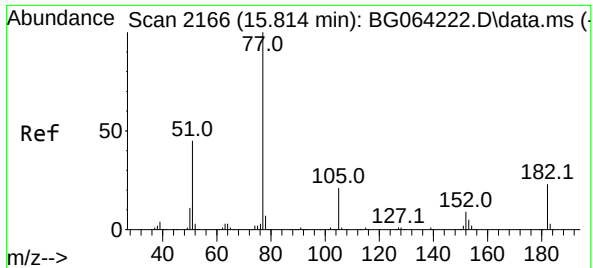
| Tgt Ion   | 204   | Resp  | 110447 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.9  | 26.2  | 39.4   |
| 141       | 66.9  | 51.9  | 77.9   |



#62  
4-Nitroaniline  
Concen: 50.153 ng  
RT: 15.528 min Scan# 2117  
Delta R.T. -0.028 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

| Tgt Ion   | 138   | Resp  | 48161 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 54.6  | 39.1  | 79.1  |
| 108       | 146.6 | 111.3 | 151.3 |

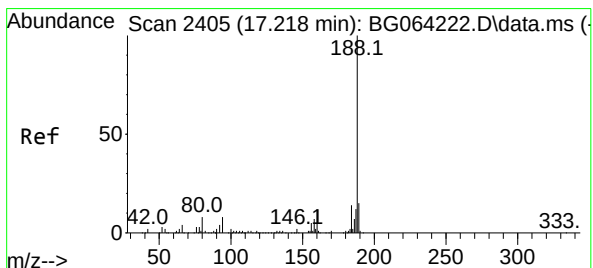
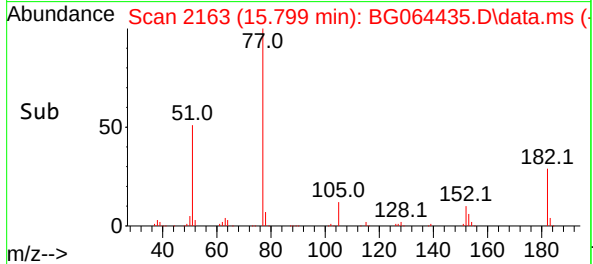
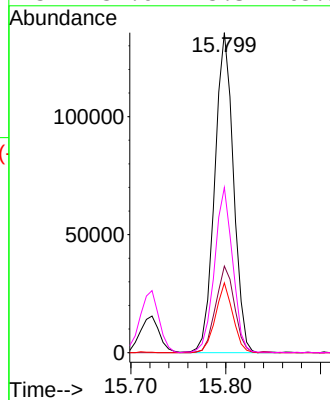
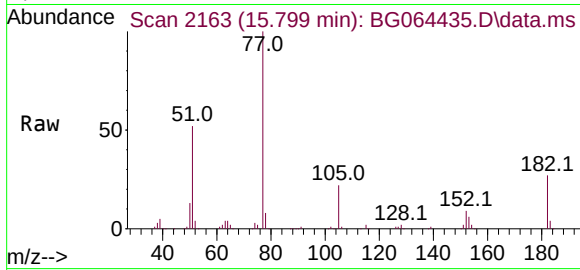




#63  
Azobenzene  
Concen: 42.140 ng  
RT: 15.799 min Scan# 2163  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

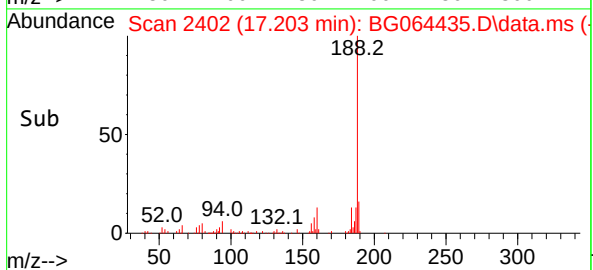
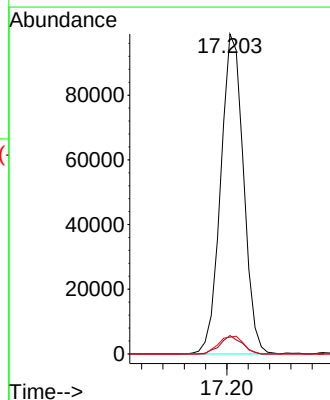
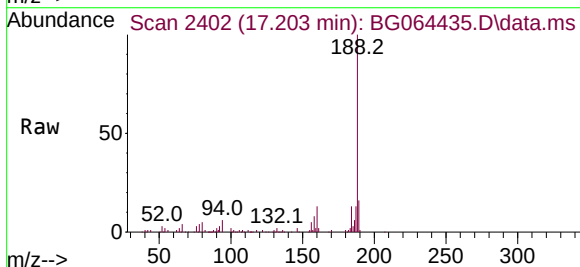
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

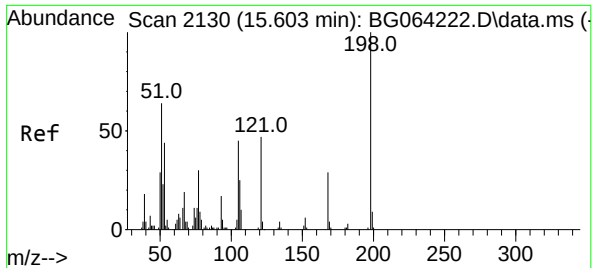
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 186535 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 27.1  | 3.3   | 43.3   |
| 105       | 21.8  | 0.6   | 40.6   |
| 51        | 51.6  | 25.3  | 65.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.203 min Scan# 2402  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 146814 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 5.7   | 6.2   | 9.4#   |
| 80        | 5.2   | 6.8   | 10.2#  |

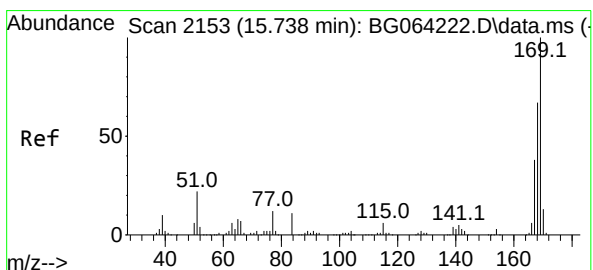
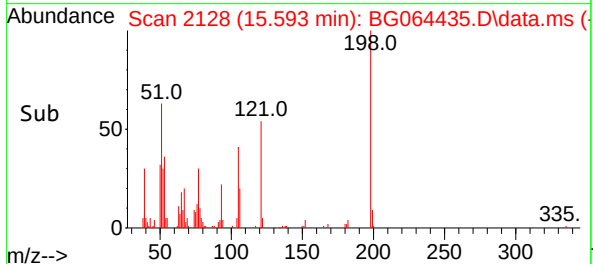
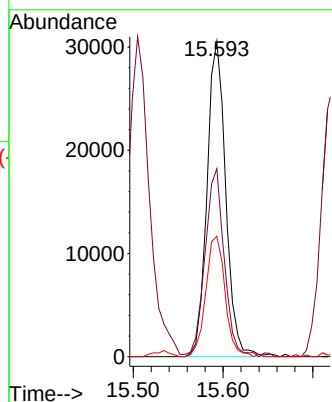
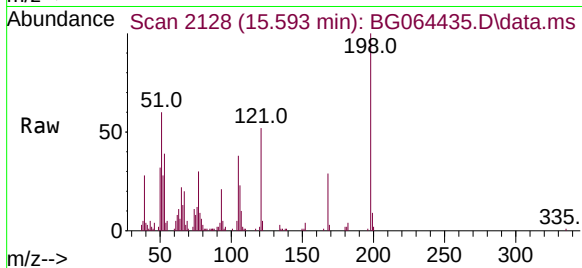




#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.647 ng  
RT: 15.593 min Scan# 2130  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

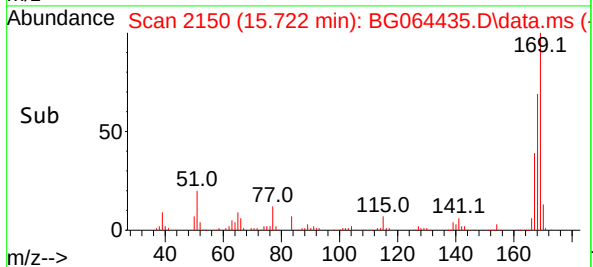
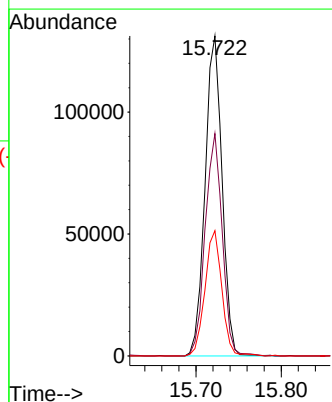
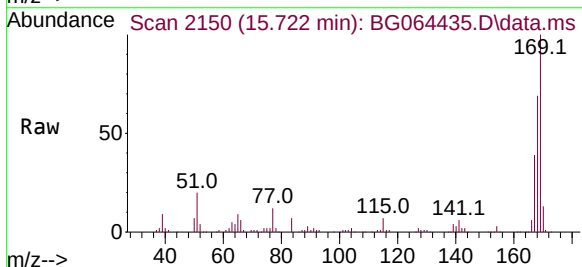
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

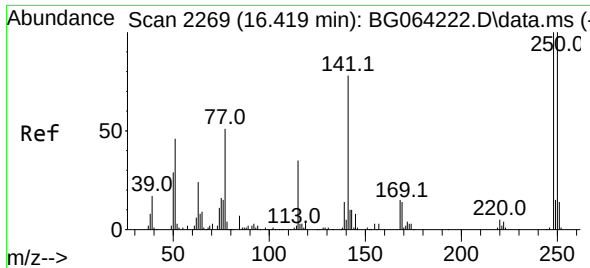
| Tgt Ion | 198   | 51   | 105  |
|---------|-------|------|------|
| Resp:   | 44376 |      |      |
| Ratio   | 100   | 59.6 | 38.2 |
| Lower   |       | 46.2 | 25.0 |
| Upper   |       | 86.2 | 65.0 |



#66  
n-Nitrosodiphenylamine  
Concen: 44.935 ng  
RT: 15.722 min Scan# 2150  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

| Tgt Ion | 169    | 168  | 167  |
|---------|--------|------|------|
| Resp:   | 181478 |      |      |
| Ratio   | 100    | 69.5 | 39.1 |
| Lower   |        | 53.8 | 30.2 |
| Upper   |        | 80.8 | 45.2 |

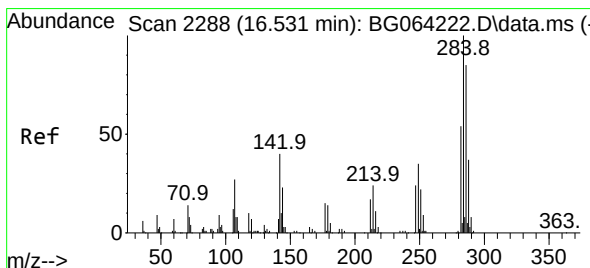
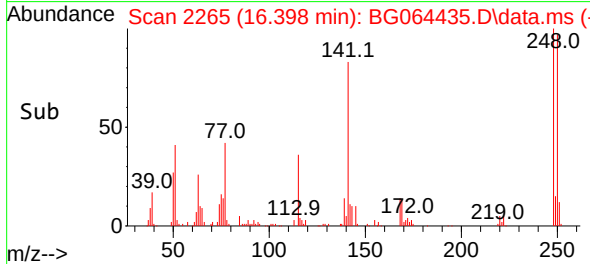
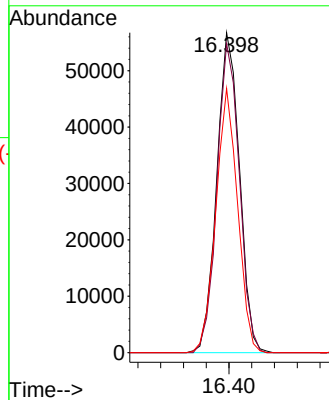
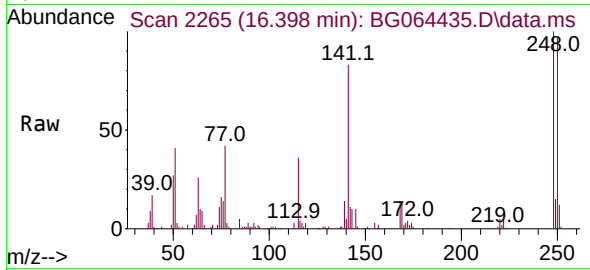




#67  
4-Bromophenyl-phenylether  
Concen: 50.470 ng  
RT: 16.398 min Scan# 21  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

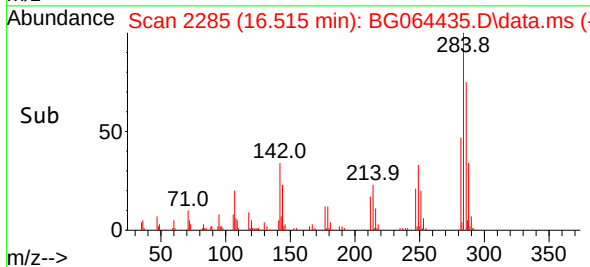
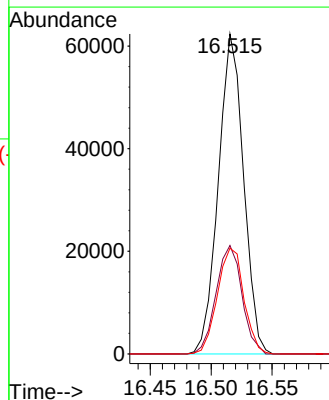
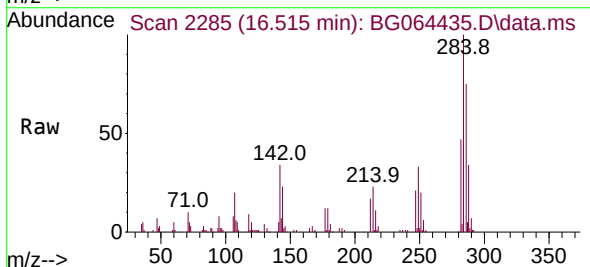
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 78700  
Ion Ratio Lower Upper  
248 100  
250 96.6 80.2 120.4  
141 82.5 62.4 93.6

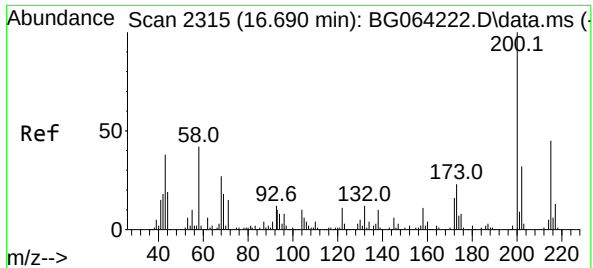


#68  
Hexachlorobenzene  
Concen: 51.811 ng  
RT: 16.515 min Scan# 2285  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:284 Resp: 89717  
Ion Ratio Lower Upper  
284 100  
142 33.9 32.1 48.1  
249 33.0 28.3 42.5



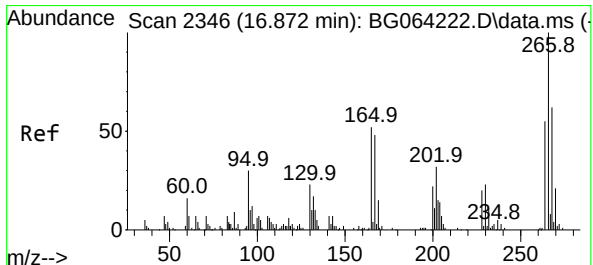
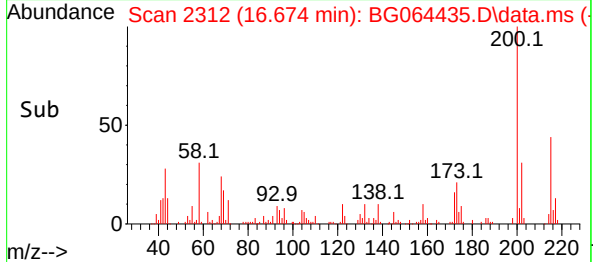
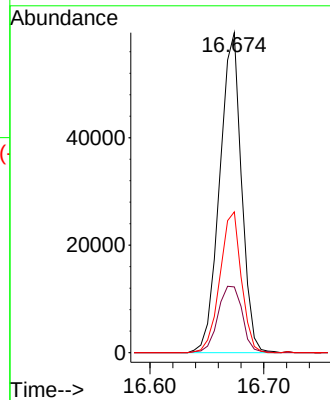
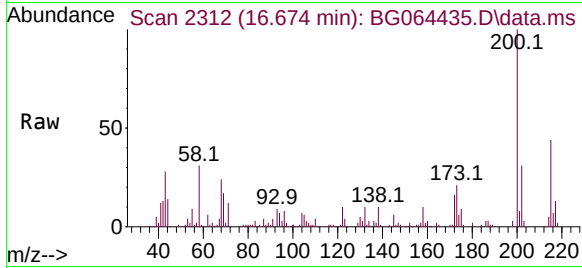




#69  
 Atrazine  
 Concen: 46.883 ng  
 RT: 16.674 min Scan# 2312  
 Delta R.T. -0.022 min  
 Lab File: BG064435.D  
 Acq: 23 Sep 2025 11:28

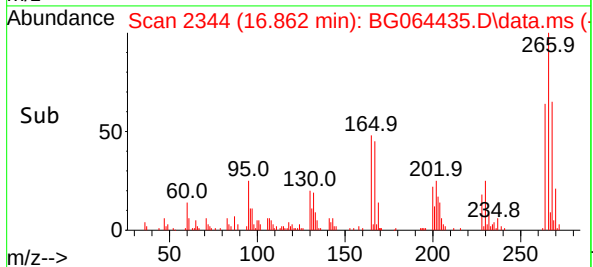
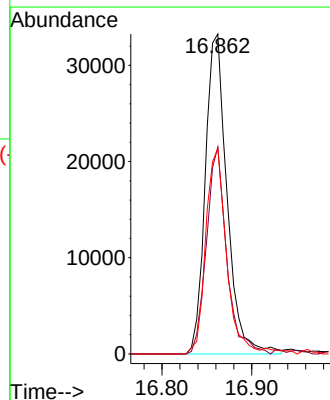
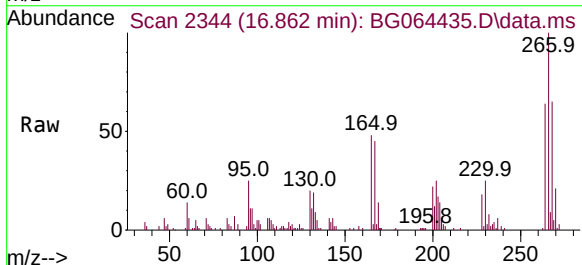
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

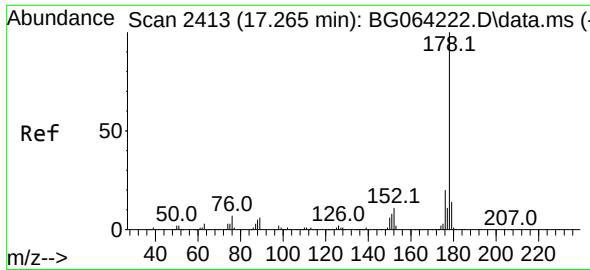
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 20.5  | 3.5   | 43.5  |
| 215     | 44.0  | 24.8  | 64.8  |



#70  
 Pentachlorophenol  
 Concen: 53.336 ng  
 RT: 16.862 min Scan# 2344  
 Delta R.T. -0.016 min  
 Lab File: BG064435.D  
 Acq: 23 Sep 2025 11:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.6  | 49.4  | 74.0  |
| 264     | 64.2  | 44.3  | 66.5  |

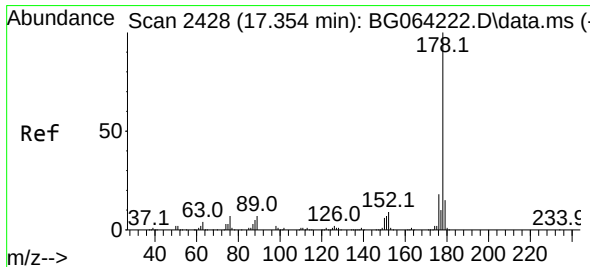
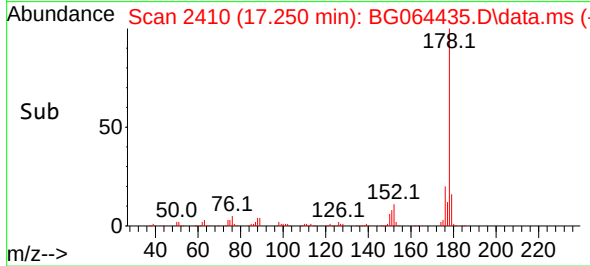
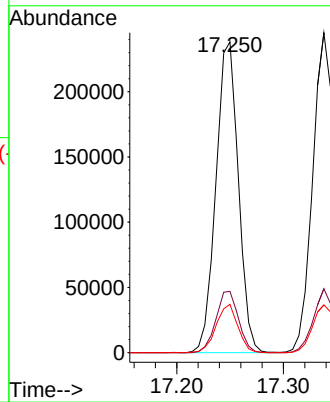
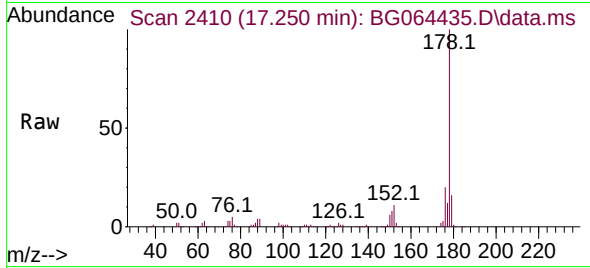




#71  
Phenanthrene  
Concen: 45.054 ng  
RT: 17.250 min Scan# 2413  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

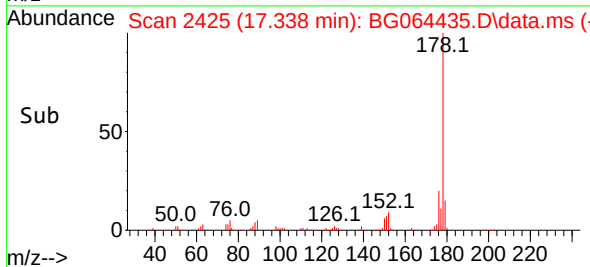
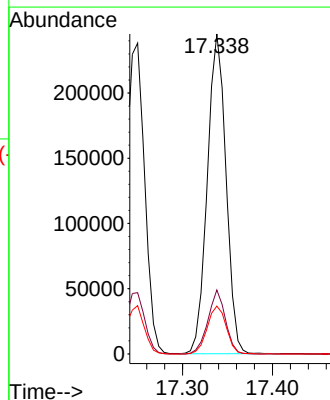
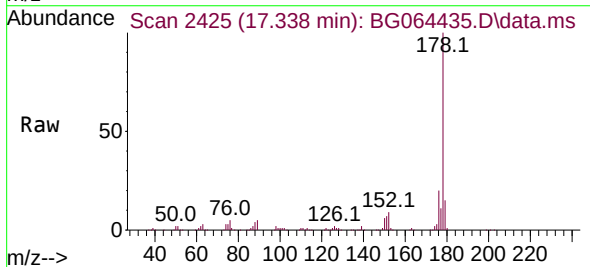
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

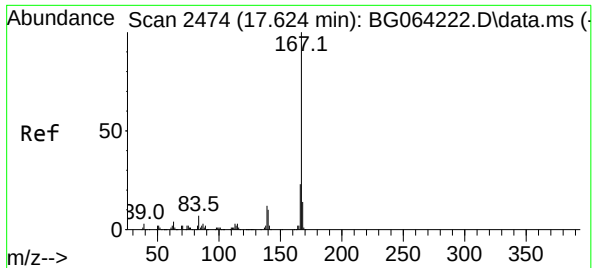
Tgt Ion:178 Resp: 348877  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.9 23.9  
179 15.5 11.4 17.2



#72  
Anthracene  
Concen: 45.084 ng  
RT: 17.338 min Scan# 2425  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:178 Resp: 355120  
Ion Ratio Lower Upper  
178 100  
176 20.0 14.7 22.1  
179 14.9 12.1 18.1

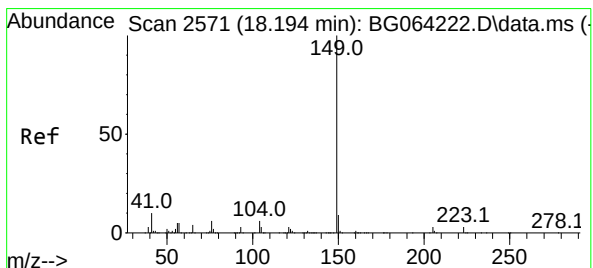
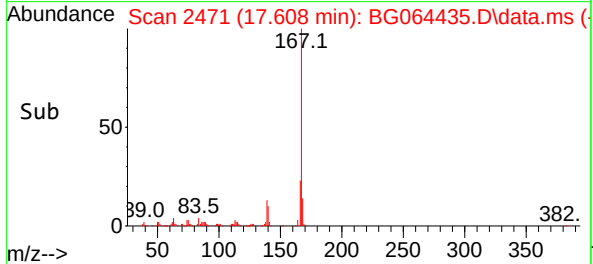
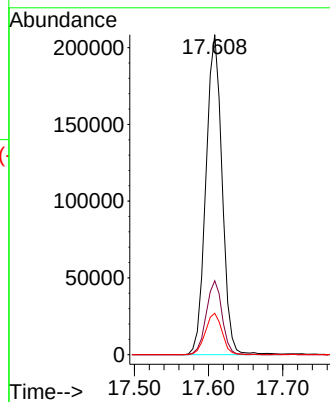
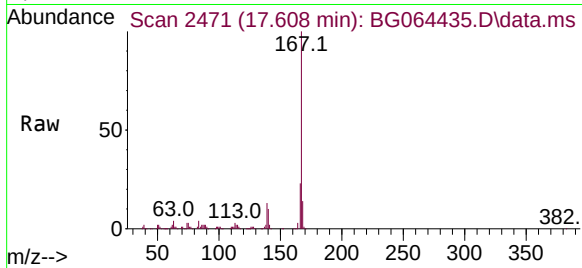




#73  
Carbazole  
Concen: 45.403 ng  
RT: 17.608 min Scan# 2474  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

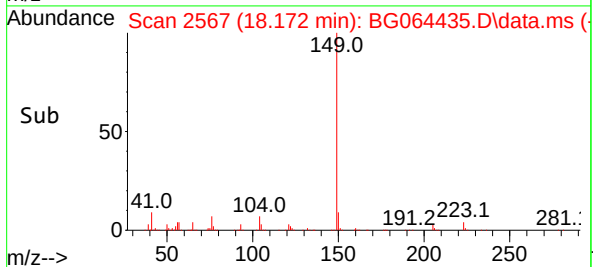
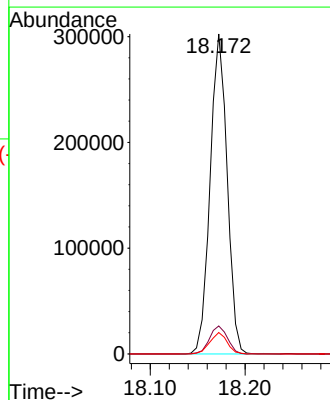
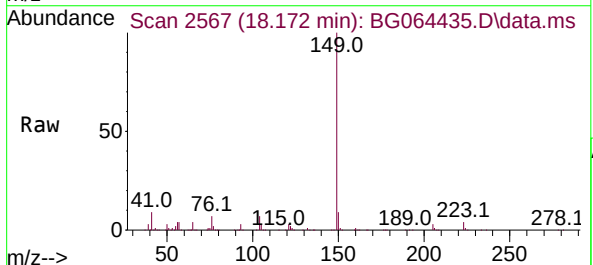
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

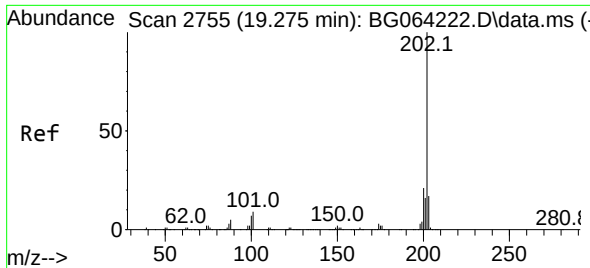
Tgt Ion:167 Resp: 315052  
Ion Ratio Lower Upper  
167 100  
166 23.1 18.2 27.2  
139 13.0 9.8 14.6



#74  
Di-n-butylphthalate  
Concen: 45.289 ng  
RT: 18.172 min Scan# 2567  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:149 Resp: 377556  
Ion Ratio Lower Upper  
149 100  
150 8.7 7.5 11.3  
104 6.7 4.6 7.0

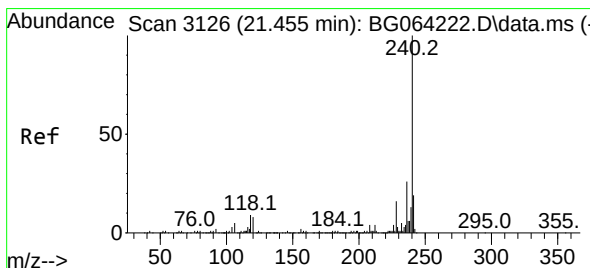
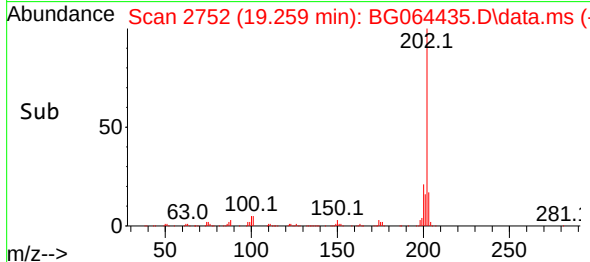
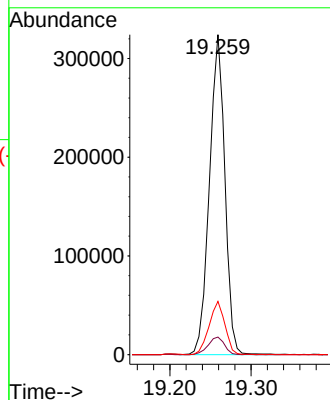
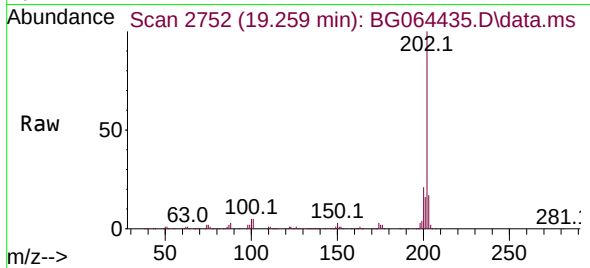




#75  
Fluoranthene  
Concen: 47.086 ng  
RT: 19.259 min Scan# 21  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

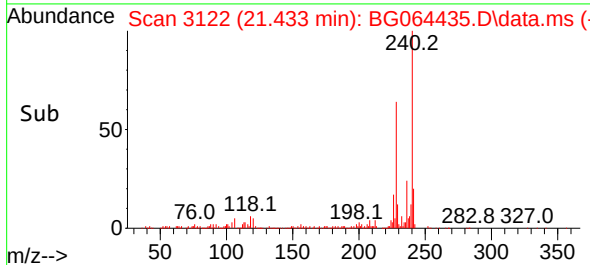
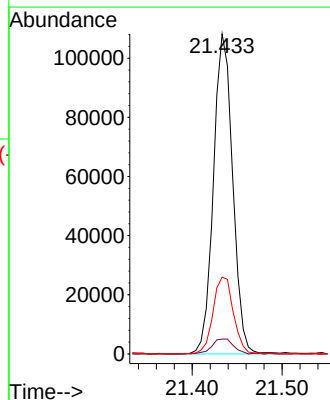
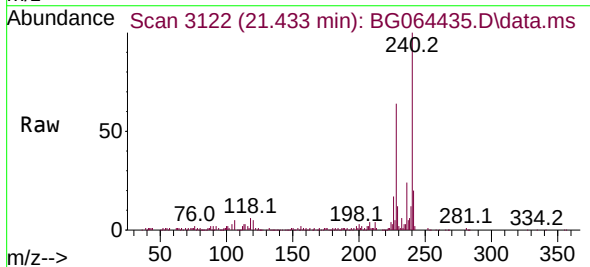
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

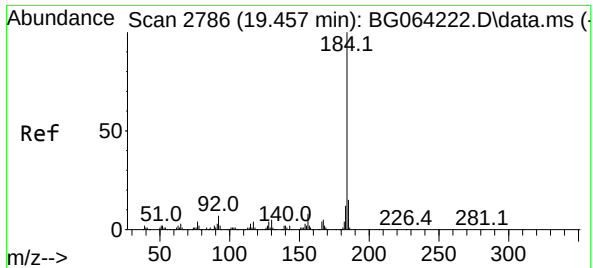
Tgt Ion:202 Resp: 428708  
Ion Ratio Lower Upper  
202 100  
101 5.5 0.0 28.7  
203 16.6 0.0 36.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.433 min Scan# 3122  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:240 Resp: 160877  
Ion Ratio Lower Upper  
240 100  
120 4.6 6.2 9.4#  
236 24.0 20.5 30.7

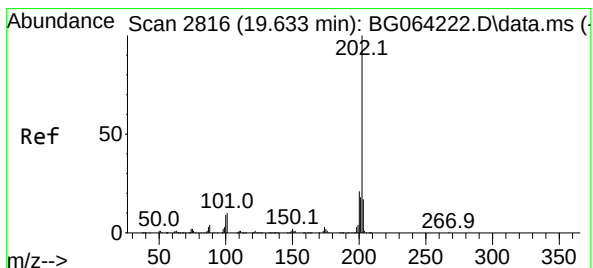
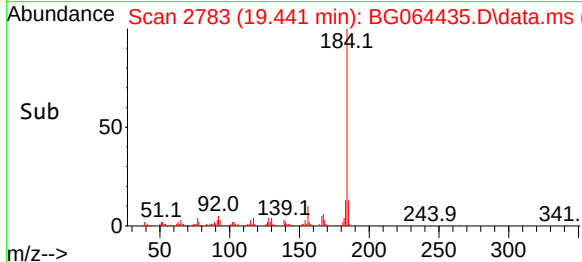
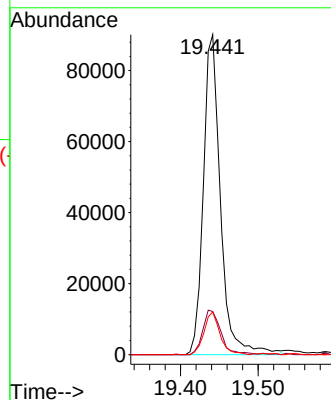
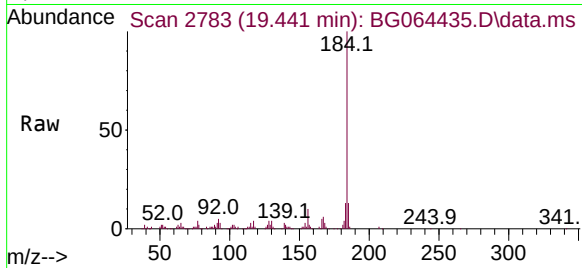




#77  
Benzidine  
Concen: 40.741 ng  
RT: 19.441 min Scan# 21  
Delta R.T. -0.016 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

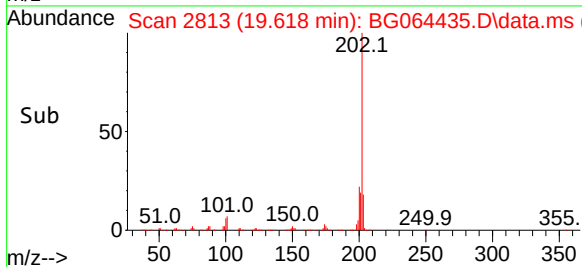
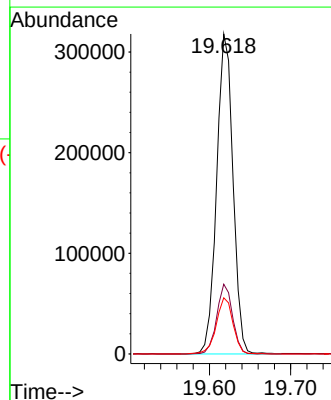
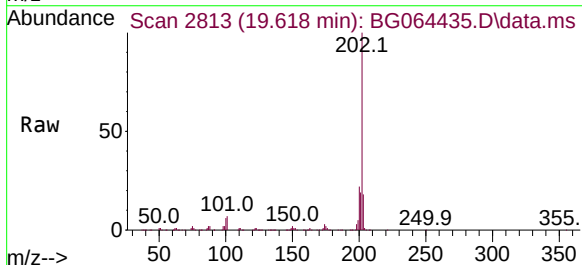
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

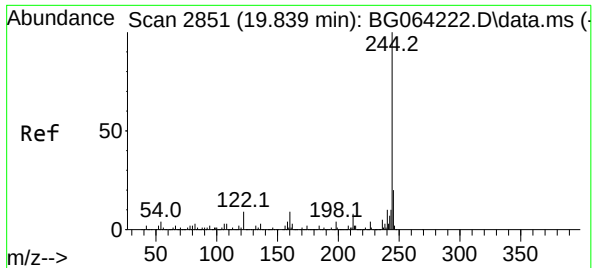
Tgt Ion:184 Resp: 137880  
Ion Ratio Lower Upper  
184 100  
185 13.5 11.7 17.5  
183 13.3 9.7 14.5



#78  
Pyrene  
Concen: 43.746 ng  
RT: 19.618 min Scan# 2813  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:202 Resp: 443391  
Ion Ratio Lower Upper  
202 100  
200 21.8 16.9 25.3  
203 17.5 13.8 20.8

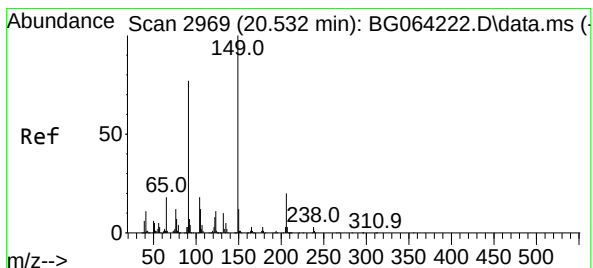
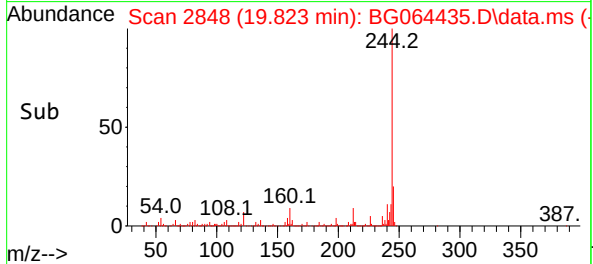
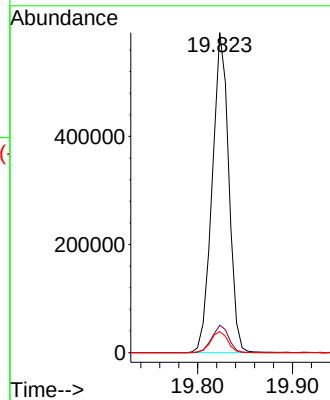
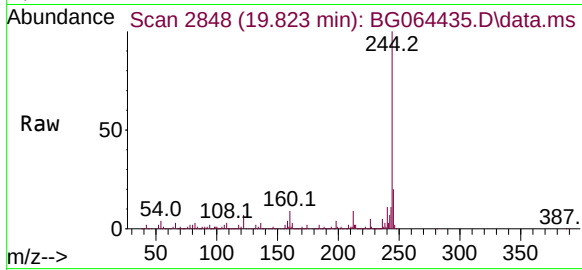




#79  
 Terphenyl-d14  
 Concen: 93.267 ng  
 RT: 19.823 min Scan# 2848  
 Delta R.T. -0.022 min  
 Lab File: BG064435.D  
 Acq: 23 Sep 2025 11:28

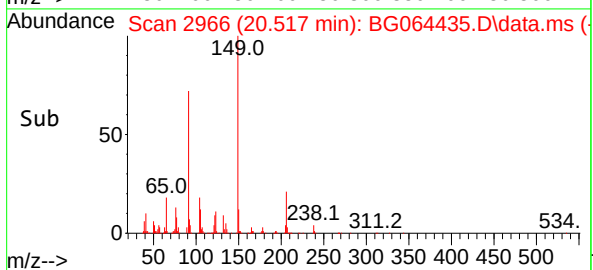
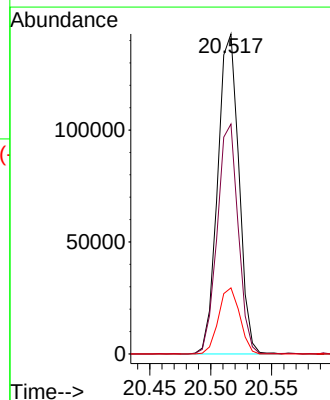
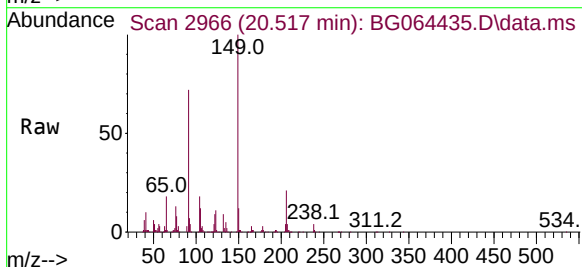
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

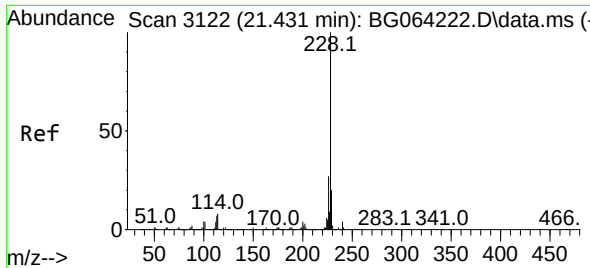
Tgt Ion:244 Resp: 719174  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.6 10.0  
 122 6.6 7.0 10.6#



#80  
 Butylbenzylphthalate  
 Concen: 45.124 ng  
 RT: 20.517 min Scan# 2966  
 Delta R.T. -0.016 min  
 Lab File: BG064435.D  
 Acq: 23 Sep 2025 11:28

Tgt Ion:149 Resp: 172501  
 Ion Ratio Lower Upper  
 149 100  
 91 71.8 61.4 92.0  
 206 20.6 15.8 23.6

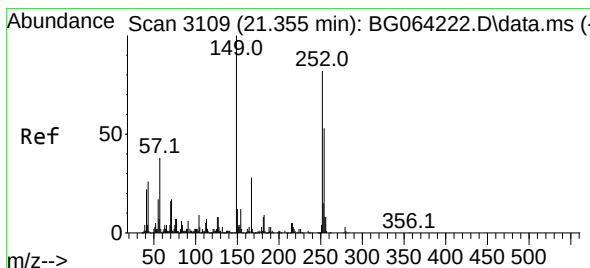
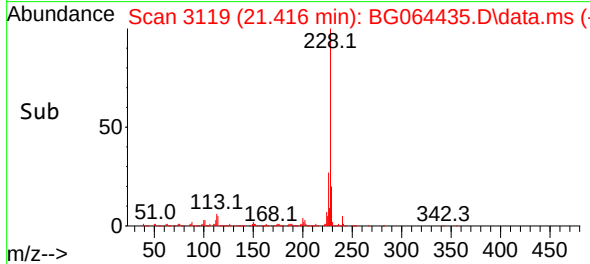
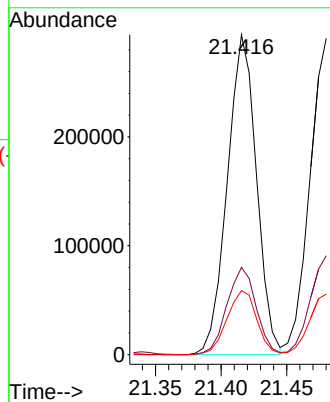
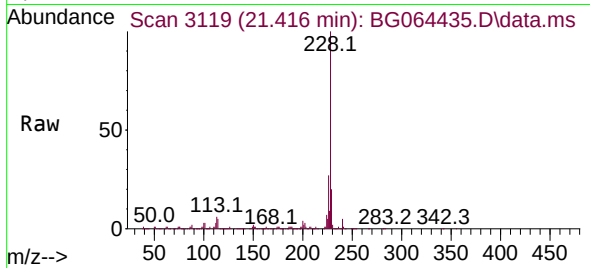




#81  
Benzo(a)anthracene  
Concen: 44.072 ng  
RT: 21.416 min Scan# 3119  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

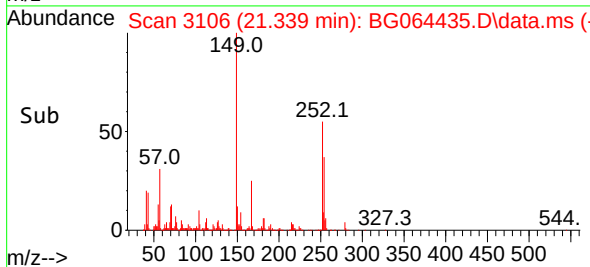
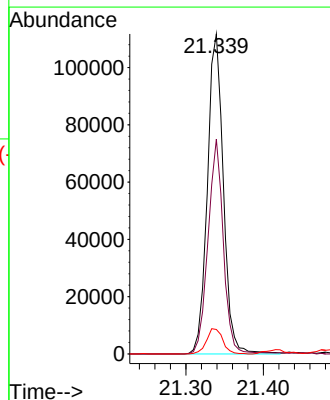
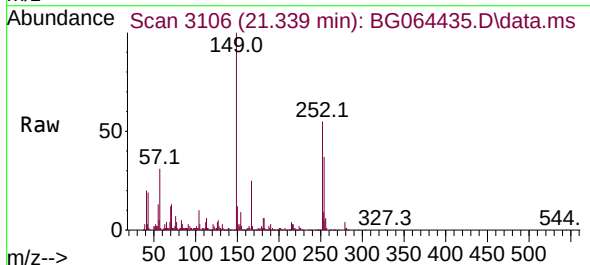
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

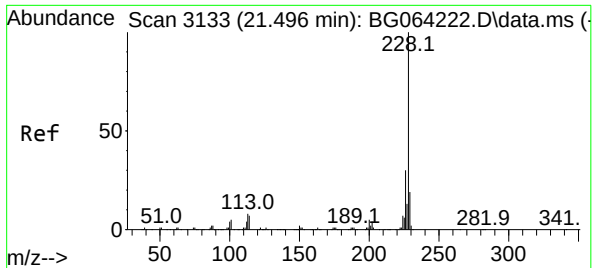
Tgt Ion:228 Resp: 453601  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.7 32.5  
229 20.0 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 47.653 ng  
RT: 21.339 min Scan# 3106  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:252 Resp: 159732  
Ion Ratio Lower Upper  
252 100  
254 67.1 51.9 77.9  
126 7.6 7.6 11.4

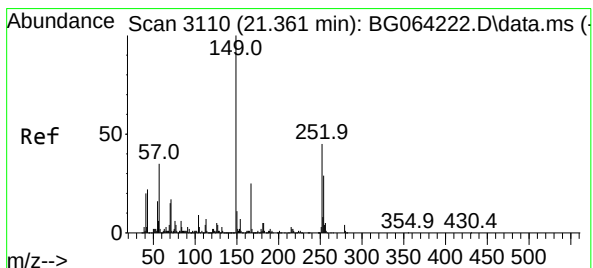
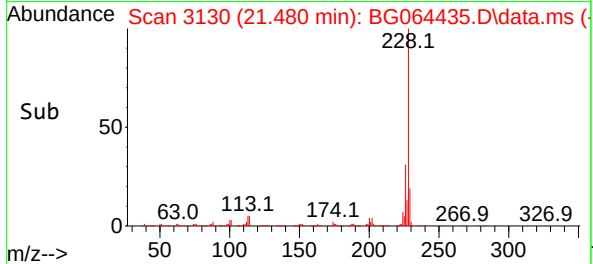
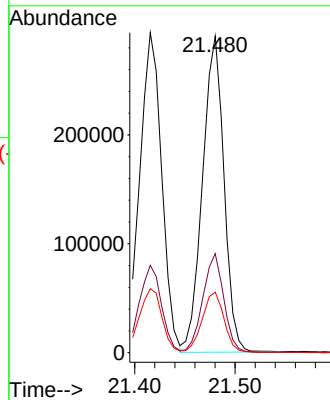
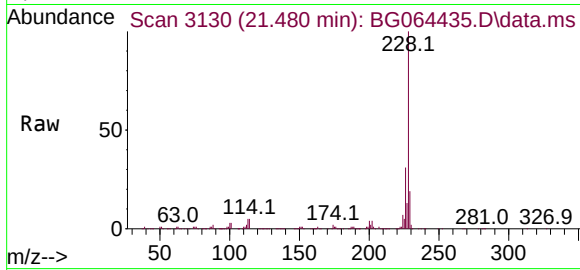




#83  
Chrysene  
Concen: 43.507 ng  
RT: 21.480 min Scan# 31  
Delta R.T. -0.022 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

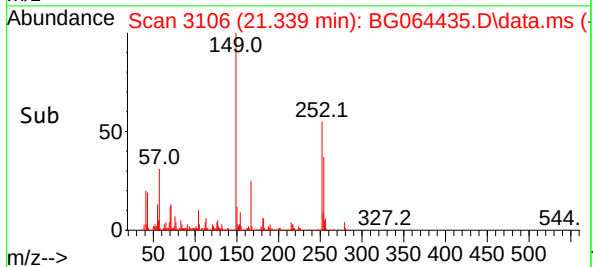
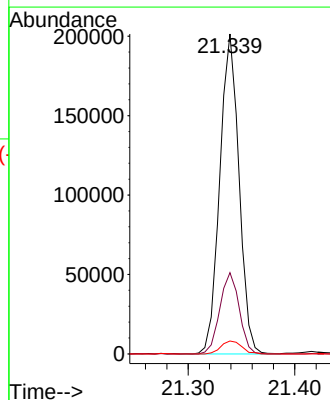
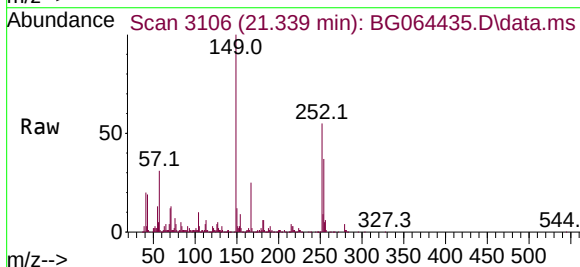
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:228 Resp: 429890  
Ion Ratio Lower Upper  
228 100  
226 31.3 24.2 36.2  
229 19.1 15.4 23.2

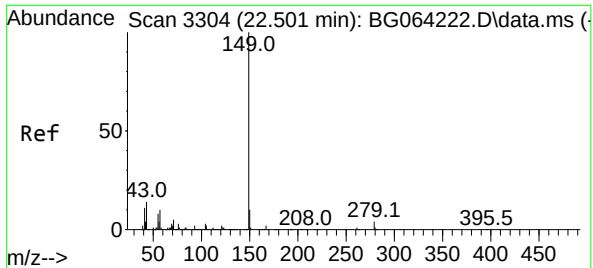


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.014 ng  
RT: 21.339 min Scan# 3106  
Delta R.T. -0.028 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:149 Resp: 252616  
Ion Ratio Lower Upper  
149 100  
167 25.4 20.0 30.0  
279 4.0 3.0 4.4



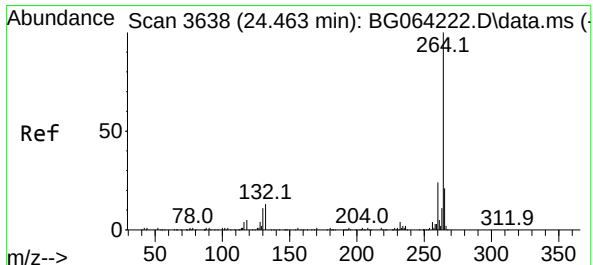
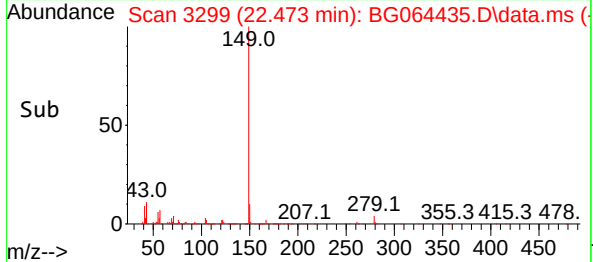
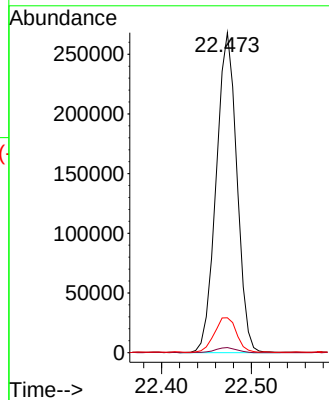
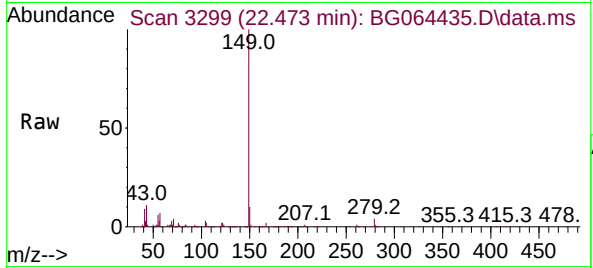




#85  
Di-n-octyl phthalate  
Concen: 42.876 ng  
RT: 22.473 min Scan# 31  
Delta R.T. -0.034 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

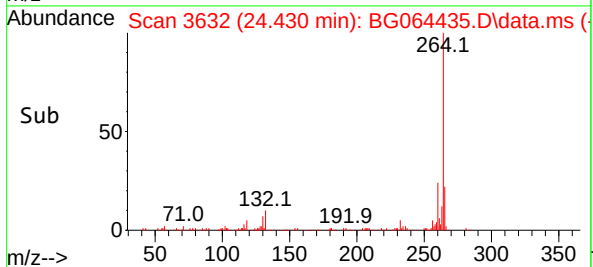
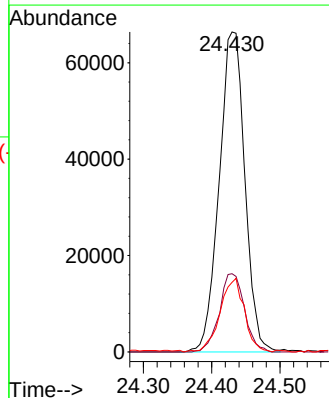
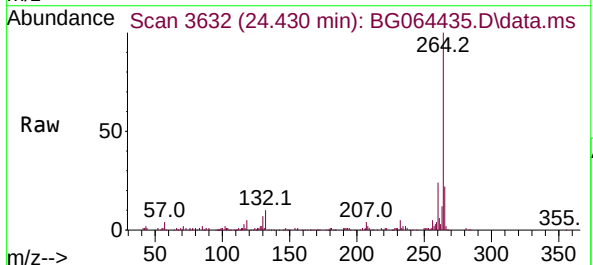
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

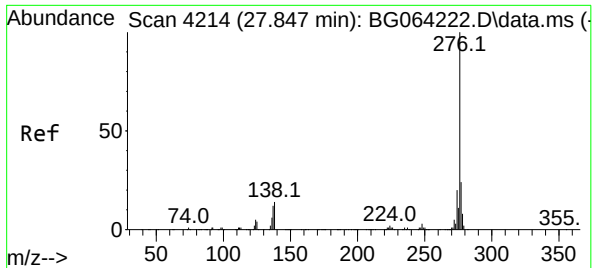
Tgt Ion:149 Resp: 428781  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.6 10.8 16.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.430 min Scan# 3632  
Delta R.T. -0.034 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:264 Resp: 172846  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.9 28.3  
265 21.7 16.7 25.1

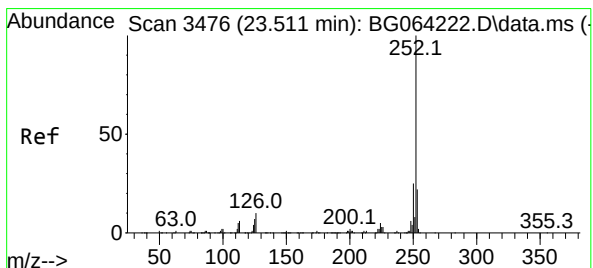
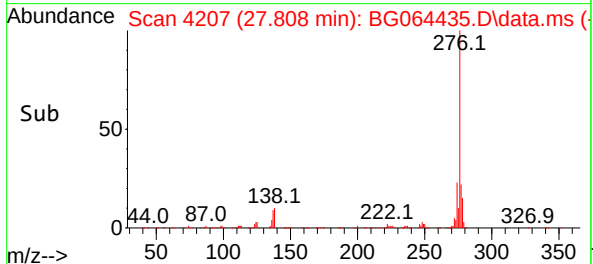
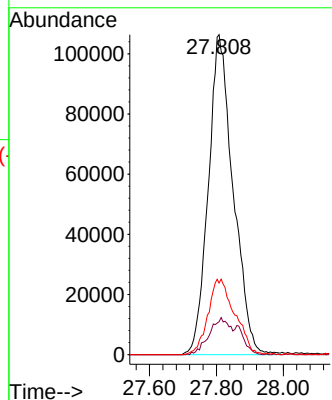
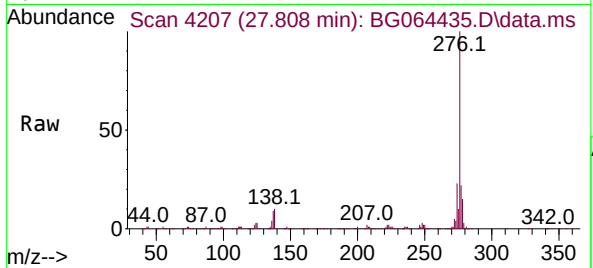




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.496 ng  
RT: 27.808 min Scan# 41  
Delta R.T. -0.063 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

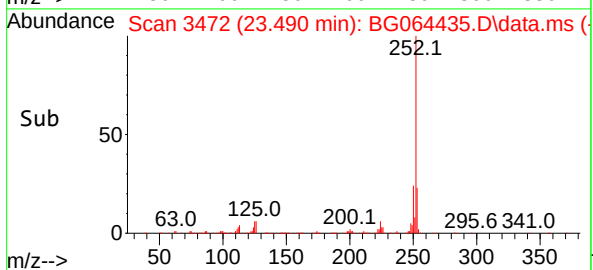
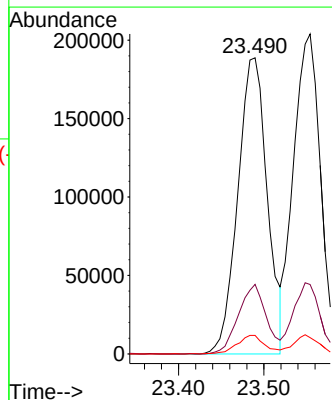
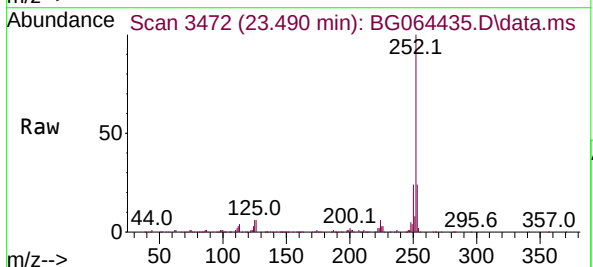
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

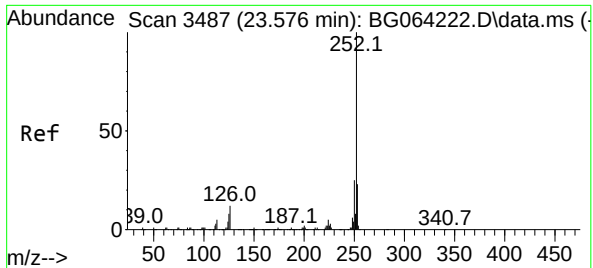
Tgt Ion:276 Resp: 548833  
Ion Ratio Lower Upper  
276 100  
138 9.7 7.4 11.0  
277 25.4 20.5 30.7



#88  
Benzo(b)fluoranthene  
Concen: 46.474 ng  
RT: 23.490 min Scan# 3472  
Delta R.T. -0.028 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:252 Resp: 453364  
Ion Ratio Lower Upper  
252 100  
253 23.5 17.5 26.3  
125 6.3 5.9 8.9

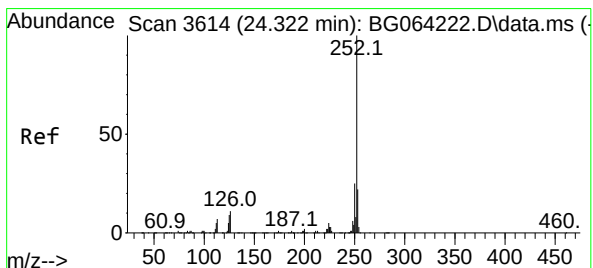
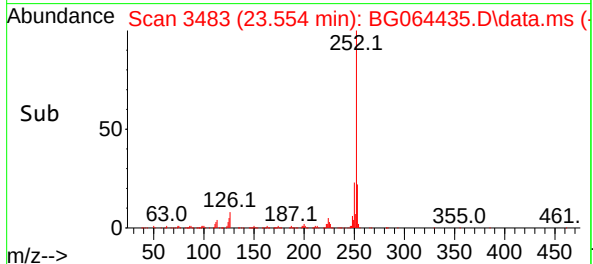
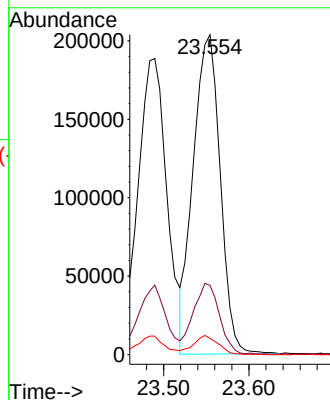
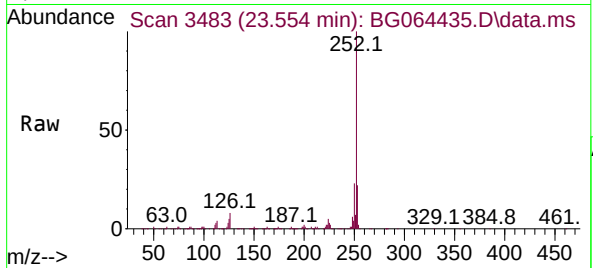




#89  
Benzo(k)fluoranthene  
Concen: 45.059 ng  
RT: 23.554 min Scan# 3487  
Delta R.T. -0.034 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

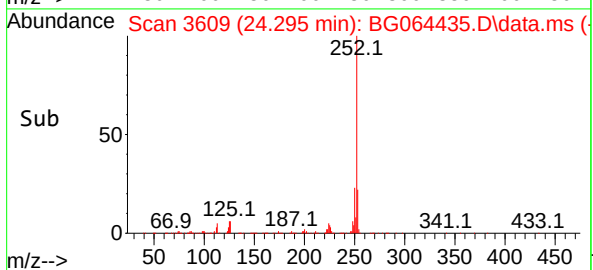
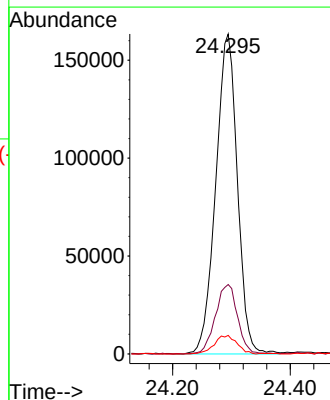
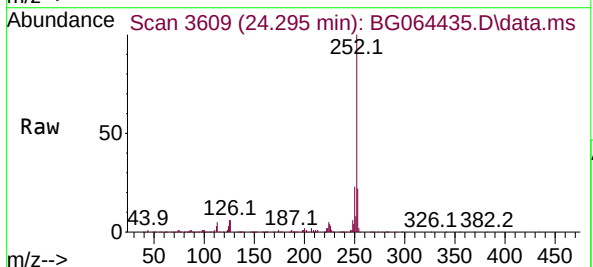
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

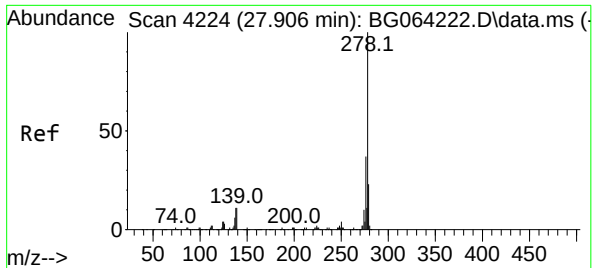
Tgt Ion:252 Resp: 447814  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.2 27.4  
125 5.1 7.0 10.4#



#90  
Benzo(a)pyrene  
Concen: 45.906 ng  
RT: 24.295 min Scan# 3609  
Delta R.T. -0.034 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:252 Resp: 416575  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.2  
125 5.8 7.0 10.6#

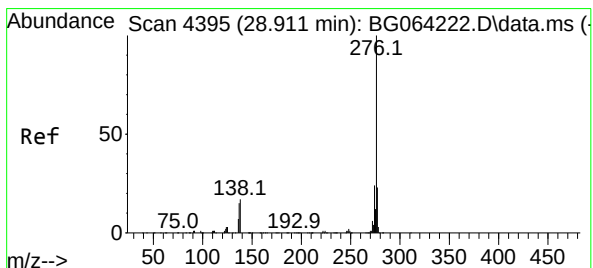
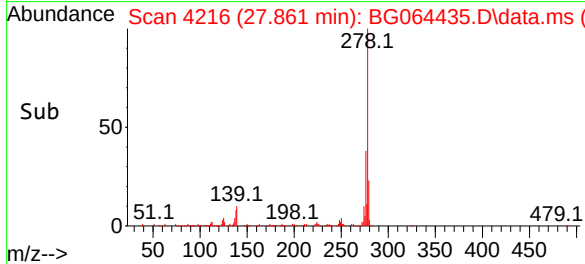
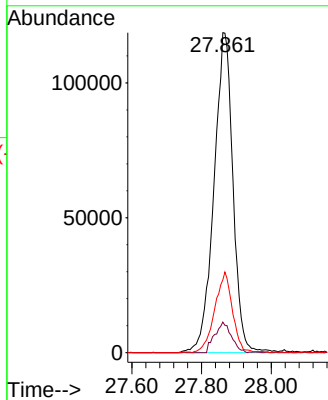
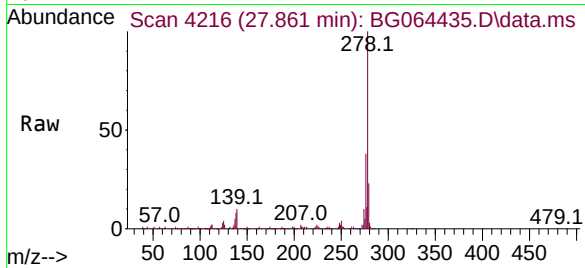




#91  
Dibenzo(a,h)anthracene  
Concen: 47.469 ng  
RT: 27.861 min Scan# 41  
Delta R.T. -0.063 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

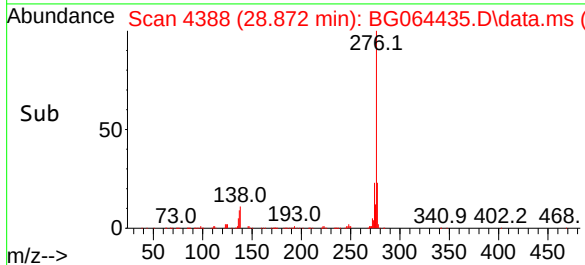
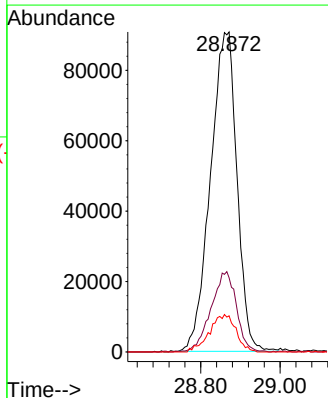
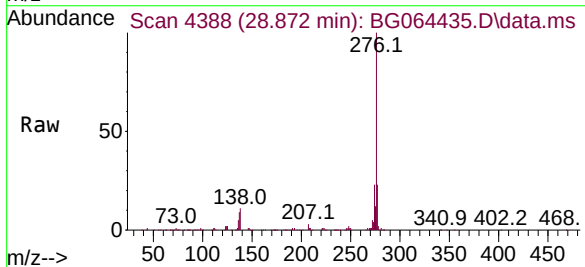
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 449883  
Ion Ratio Lower Upper  
278 100  
139 9.5 9.0 13.4  
279 22.7 18.8 28.2



#92  
Benzo(g,h,i)perylene  
Concen: 45.621 ng  
RT: 28.872 min Scan# 4388  
Delta R.T. -0.063 min  
Lab File: BG064435.D  
Acq: 23 Sep 2025 11:28

Tgt Ion:276 Resp: 420723  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.2 27.4  
138 11.3 13.3 19.9#



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064435.D  
 Acq On : 23 Sep 2025 11:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 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    | 74    | -0.02    |
| 2    | 1,4-Dioxane                 | 40.000 | 35.023  | 12.4   | 78    | -0.02    |
| 3    | Pyridine                    | 40.000 | 35.655  | 10.9   | 68    | -0.02    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 42.096  | -5.2   | 77    | -0.02    |
| 5 S  | 2-Fluorophenol              | 80.000 | 86.681  | -8.4   | 81    | -0.02    |
| 6    | Aniline                     | 40.000 | 39.893  | 0.3    | 74    | -0.02    |
| 7 S  | Phenol-d6                   | 80.000 | 87.456  | -9.3   | 82    | -0.02    |
| 8    | 2-Chlorophenol              | 40.000 | 44.129  | -10.3  | 79    | -0.02    |
| 9    | Benzaldehyde                | 40.000 | 34.622  | 13.4   | 59    | -0.02    |
| 10 C | Phenol                      | 40.000 | 40.804  | -2.0   | 77    | -0.02    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.452  | 6.4    | 69    | -0.02    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 46.966  | -17.4  | 86    | -0.02    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 46.699  | -16.7  | 87    | -0.02    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 45.641  | -14.1  | 85    | -0.02    |
| 15   | Benzyl Alcohol              | 40.000 | 43.651  | -9.1   | 80    | -0.02    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 29.728  | 25.7#  | 55    | -0.02    |
| 17   | 2-Methylphenol              | 40.000 | 40.842  | -2.1   | 76    | -0.02    |
| 18   | Hexachloroethane            | 40.000 | 45.060  | -12.7  | 82    | -0.02    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.551  | 3.6    | 70    | -0.02    |
| 20   | 3+4-Methylphenols           | 40.000 | 39.559  | 1.1    | 76    | -0.02    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000  | 0.0    | 68    | -0.02    |
| 22   | Acetophenone                | 40.000 | 43.922  | -9.8   | 75    | -0.02    |
| 23 S | Nitrobenzene-d5             | 80.000 | 97.018  | -21.3  | 81    | -0.02    |
| 24   | Nitrobenzene                | 40.000 | 45.698  | -14.2  | 75    | -0.03    |
| 25   | Isophorone                  | 40.000 | 40.964  | -2.4   | 69    | -0.03    |
| 26 C | 2-Nitrophenol               | 40.000 | 50.365  | -25.9# | 81    | -0.02    |
| 27   | 2,4-Dimethylphenol          | 40.000 | 44.030  | -10.1  | 72    | -0.02    |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.481  | 1.3    | 65    | -0.02    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 50.122  | -25.3# | 83    | -0.02    |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 52.840  | -32.1# | 89    | -0.02    |
| 31   | Naphthalene                 | 40.000 | 45.729  | -14.3  | 78    | -0.02    |
| 32   | Benzoic acid                | 40.000 | 41.105  | -2.8   | 66    | -0.05    |
| 33   | 4-Chloroaniline             | 40.000 | 43.765  | -9.4   | 71    | -0.02    |
| 34 C | Hexachlorobutadiene         | 40.000 | 57.207  | -43.0# | 96    | -0.03    |
| 35   | Caprolactam                 | 40.000 | 40.907  | -2.3   | 65    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 45.079  | -12.7  | 75    | -0.02    |
| 37   | 2-Methylnaphthalene         | 40.000 | 46.155  | -15.4  | 77    | -0.02    |
| 38   | 1-Methylnaphthalene         | 40.000 | 45.120  | -12.8  | 75    | -0.02    |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000  | 0.0    | 68    | -0.02    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 51.207  | -28.0# | 86    | -0.02    |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 54.425  | -36.1# | 92    | -0.02    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 117.191 | -46.5# | 96    | -0.02    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 49.967  | -24.9# | 83    | -0.02    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 49.297  | -23.2  | 81    | -0.02    |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 93.587  | -17.0  | 79    | -0.02    |
| 46   | 1,1'-Biphenyl               | 40.000 | 45.443  | -13.6  | 75    | -0.02    |
| 47   | 2-Chloronaphthalene         | 40.000 | 45.296  | -13.2  | 76    | -0.02    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064435.D  
 Acq On : 23 Sep 2025 11:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 2025  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 46.755 | -16.9  | 72    | -0.02    |
| 49   | Acenaphthylene             | 40.000 | 46.127 | -15.3  | 76    | -0.02    |
| 50   | Dimethylphthalate          | 40.000 | 44.496 | -11.2  | 74    | -0.03    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 48.554 | -21.4  | 75    | -0.02    |
| 52 C | Acenaphthene               | 40.000 | 45.585 | -14.0  | 75    | -0.02    |
| 53   | 3-Nitroaniline             | 40.000 | 44.599 | -11.5  | 70    | -0.02    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 45.261 | -13.2  | 78    | -0.02    |
| 55   | Dibenzofuran               | 40.000 | 46.371 | -15.9  | 77    | -0.02    |
| 56 P | 4-Nitrophenol              | 40.000 | 43.892 | -9.7   | 66    | -0.02    |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 50.042 | -25.1# | 78    | -0.02    |
| 58   | Fluorene                   | 40.000 | 46.424 | -16.1  | 76    | -0.02    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 52.224 | -30.6# | 85    | -0.02    |
| 60   | Diethylphthalate           | 40.000 | 45.248 | -13.1  | 74    | -0.03    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 49.063 | -22.7  | 81    | -0.02    |
| 62   | 4-Nitroaniline             | 40.000 | 50.153 | -25.4# | 76    | -0.03    |
| 63   | Azobenzene                 | 40.000 | 42.140 | -5.4   | 69    | -0.02    |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 68    | -0.02    |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 52.647 | -31.6# | 87    | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 44.935 | -12.3  | 75    | -0.02    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 50.470 | -26.2# | 84    | -0.02    |
| 68   | Hexachlorobenzene          | 40.000 | 51.811 | -29.5# | 91    | -0.02    |
| 69   | Atrazine                   | 40.000 | 46.883 | -17.2  | 76    | -0.02    |
| 70 C | Pentachlorophenol          | 40.000 | 53.336 | -33.3# | 85    | -0.02    |
| 71   | Phenanthrene               | 40.000 | 45.054 | -12.6  | 74    | -0.02    |
| 72   | Anthracene                 | 40.000 | 45.084 | -12.7  | 74    | -0.02    |
| 73   | Carbazole                  | 40.000 | 45.403 | -13.5  | 73    | -0.02    |
| 74   | Di-n-butylphthalate        | 40.000 | 45.289 | -13.2  | 72    | -0.02    |
| 75 C | Fluoranthene               | 40.000 | 47.086 | -17.7  | 76    | -0.02    |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 70    | -0.02    |
| 77   | Benzydine                  | 40.000 | 40.741 | -1.9   | 67    | -0.02    |
| 78   | Pyrene                     | 40.000 | 43.746 | -9.4   | 74    | -0.02    |
| 79 S | Terphenyl-d14              | 80.000 | 93.267 | -16.6  | 79    | -0.02    |
| 80   | Butylbenzylphthalate       | 40.000 | 45.124 | -12.8  | 76    | -0.02    |
| 81   | Benzo(a)anthracene         | 40.000 | 44.072 | -10.2  | 76    | -0.02    |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 47.653 | -19.1  | 81    | -0.02    |
| 83   | Chrysene                   | 40.000 | 43.507 | -8.8   | 75    | -0.02    |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 44.014 | -10.0  | 75    | -0.03    |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.876 | -7.2   | 73    | -0.03    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 69    | -0.03    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 46.496 | -16.2  | 78    | -0.06    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 46.474 | -16.2  | 77    | -0.03    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 45.059 | -12.6  | 78    | -0.03    |
| 90 C | Benzo(a)pyrene             | 40.000 | 45.906 | -14.8  | 77    | -0.03    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 47.469 | -18.7  | 79    | -0.06    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 45.621 | -14.1  | 78    | -0.06    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
Data File : BG064435.D  
Acq On : 23 Sep 2025 11:28  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 23 12:06:38 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 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 = 5

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064435.D  
 Acq On : 23 Sep 2025 11:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 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    | 74    | -0.02    |
| 2    | 1,4-Dioxane                 | 0.465 | 0.407 | 12.5   | 78    | -0.02    |
| 3    | Pyridine                    | 1.368 | 1.219 | 10.9   | 68    | -0.02    |
| 4    | n-Nitrosodimethylamine      | 0.905 | 0.952 | -5.2   | 77    | -0.02    |
| 5 S  | 2-Fluorophenol              | 1.115 | 1.208 | -8.3   | 81    | -0.02    |
| 6    | Aniline                     | 2.118 | 2.112 | 0.3    | 74    | -0.02    |
| 7 S  | Phenol-d6                   | 1.532 | 1.674 | -9.3   | 82    | -0.02    |
| 8    | 2-Chlorophenol              | 1.362 | 1.503 | -10.4  | 79    | -0.02    |
| 9    | Benzaldehyde                | 1.260 | 1.091 | 13.4   | 59    | -0.02    |
| 10 C | Phenol                      | 1.688 | 1.722 | -2.0   | 77    | -0.02    |
| 11   | bis(2-Chloroethyl)ether     | 1.269 | 1.188 | 6.4    | 69    | -0.02    |
| 12   | 1,3-Dichlorobenzene         | 1.449 | 1.702 | -17.5  | 86    | -0.02    |
| 13 C | 1,4-Dichlorobenzene         | 1.463 | 1.708 | -16.7  | 87    | -0.02    |
| 14   | 1,2-Dichlorobenzene         | 1.412 | 1.611 | -14.1  | 85    | -0.02    |
| 15   | Benzyl Alcohol              | 1.413 | 1.542 | -9.1   | 80    | -0.02    |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.897 | 2.153 | 25.7#  | 55    | -0.02    |
| 17   | 2-Methylphenol              | 1.258 | 1.285 | -2.1   | 76    | -0.02    |
| 18   | Hexachloroethane            | 0.571 | 0.643 | -12.6  | 82    | -0.02    |
| 19 P | n-Nitroso-di-n-propylamine  | 1.172 | 1.130 | 3.6    | 70    | -0.02    |
| 20   | 3+4-Methylphenols           | 1.749 | 1.729 | 1.1    | 76    | -0.02    |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 68    | -0.02    |
| 22   | Acetophenone                | 0.506 | 0.556 | -9.9   | 75    | -0.02    |
| 23 S | Nitrobenzene-d5             | 0.359 | 0.435 | -21.2  | 81    | -0.02    |
| 24   | Nitrobenzene                | 0.375 | 0.428 | -14.1  | 75    | -0.03    |
| 25   | Isophorone                  | 0.745 | 0.763 | -2.4   | 69    | -0.03    |
| 26 C | 2-Nitrophenol               | 0.162 | 0.204 | -25.9# | 81    | -0.02    |
| 27   | 2,4-Dimethylphenol          | 0.284 | 0.313 | -10.2  | 72    | -0.02    |
| 28   | bis(2-Chloroethoxy)methane  | 0.402 | 0.397 | 1.2    | 65    | -0.02    |
| 29 C | 2,4-Dichlorophenol          | 0.300 | 0.376 | -25.3# | 83    | -0.02    |
| 30   | 1,2,4-Trichlorobenzene      | 0.316 | 0.418 | -32.3# | 89    | -0.02    |
| 31   | Naphthalene                 | 1.037 | 1.186 | -14.4  | 78    | -0.02    |
| 32   | Benzoic acid                | 0.226 | 0.232 | -2.7   | 66    | -0.05    |
| 33   | 4-Chloroaniline             | 0.402 | 0.440 | -9.5   | 71    | -0.02    |
| 34 C | Hexachlorobutadiene         | 0.234 | 0.334 | -42.7# | 96    | -0.03    |
| 35   | Caprolactam                 | 0.116 | 0.119 | -2.6   | 65    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 0.389 | 0.439 | -12.9  | 75    | -0.02    |
| 37   | 2-Methylnaphthalene         | 0.771 | 0.889 | -15.3  | 77    | -0.02    |
| 38   | 1-Methylnaphthalene         | 0.761 | 0.859 | -12.9  | 75    | -0.02    |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 68    | -0.02    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.577 | 0.739 | -28.1# | 86    | -0.02    |
| 41 P | Hexachlorocyclopentadiene   | 0.274 | 0.373 | -36.1# | 92    | -0.02    |
| 42 S | 2,4,6-Tribromophenol        | 0.265 | 0.388 | -46.4# | 96    | -0.02    |
| 43 C | 2,4,6-Trichlorophenol       | 0.386 | 0.482 | -24.9# | 83    | -0.02    |
| 44   | 2,4,5-Trichlorophenol       | 0.418 | 0.516 | -23.4  | 81    | -0.02    |
| 45 S | 2-Fluorobiphenyl            | 1.310 | 1.533 | -17.0  | 79    | -0.02    |
| 46   | 1,1'-Biphenyl               | 1.457 | 1.655 | -13.6  | 75    | -0.02    |
| 47   | 2-Chloronaphthalene         | 1.095 | 1.240 | -13.2  | 76    | -0.02    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
 Data File : BG064435.D  
 Acq On : 23 Sep 2025 11:28  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 12:06:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 28 17:41:58 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             | 0.373 | 0.436 | -16.9  | 72    | -0.02    |
| 49   | Acenaphthylene             | 1.619 | 1.867 | -15.3  | 76    | -0.02    |
| 50   | Dimethylphthalate          | 1.514 | 1.684 | -11.2  | 74    | -0.03    |
| 51   | 2,6-Dinitrotoluene         | 0.293 | 0.356 | -21.5  | 75    | -0.02    |
| 52 C | Acenaphthene               | 1.142 | 1.302 | -14.0  | 75    | -0.02    |
| 53   | 3-Nitroaniline             | 0.307 | 0.342 | -11.4  | 70    | -0.02    |
| 54 P | 2,4-Dinitrophenol          | 0.163 | 0.204 | -25.2# | 78    | -0.02    |
| 55   | Dibenzofuran               | 1.797 | 2.083 | -15.9  | 77    | -0.02    |
| 56 P | 4-Nitrophenol              | 0.252 | 0.276 | -9.5   | 66    | -0.02    |
| 57   | 2,4-Dinitrotoluene         | 0.443 | 0.554 | -25.1# | 78    | -0.02    |
| 58   | Fluorene                   | 1.473 | 1.709 | -16.0  | 76    | -0.02    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.402 | 0.525 | -30.6# | 85    | -0.02    |
| 60   | Diethylphthalate           | 1.620 | 1.833 | -13.1  | 74    | -0.03    |
| 61   | 4-Chlorophenyl-phenylether | 0.734 | 0.901 | -22.8  | 81    | -0.02    |
| 62   | 4-Nitroaniline             | 0.313 | 0.393 | -25.6# | 76    | -0.03    |
| 63   | Azobenzene                 | 1.444 | 1.521 | -5.3   | 69    | -0.02    |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 68    | -0.02    |
| 65   | 4,6-Dinitro-2-methylphenol | 0.115 | 0.151 | -31.3# | 87    | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 0.550 | 0.618 | -12.4  | 75    | -0.02    |
| 67   | 4-Bromophenyl-phenylether  | 0.212 | 0.268 | -26.4# | 84    | -0.02    |
| 68   | Hexachlorobenzene          | 0.236 | 0.306 | -29.7# | 91    | -0.02    |
| 69   | Atrazine                   | 0.230 | 0.269 | -17.0  | 76    | -0.02    |
| 70 C | Pentachlorophenol          | 0.143 | 0.191 | -33.6# | 85    | -0.02    |
| 71   | Phenanthrene               | 1.055 | 1.188 | -12.6  | 74    | -0.02    |
| 72   | Anthracene                 | 1.073 | 1.209 | -12.7  | 74    | -0.02    |
| 73   | Carbazole                  | 0.945 | 1.073 | -13.5  | 73    | -0.02    |
| 74   | Di-n-butylphthalate        | 1.136 | 1.286 | -13.2  | 72    | -0.02    |
| 75 C | Fluoranthene               | 1.240 | 1.460 | -17.7  | 76    | -0.02    |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 70    | -0.02    |
| 77   | Benzydine                  | 0.421 | 0.429 | -1.9   | 67    | -0.02    |
| 78   | Pyrene                     | 1.260 | 1.378 | -9.4   | 74    | -0.02    |
| 79 S | Terphenyl-d14              | 0.959 | 1.118 | -16.6  | 79    | -0.02    |
| 80   | Butylbenzylphthalate       | 0.475 | 0.536 | -12.8  | 76    | -0.02    |
| 81   | Benzo(a)anthracene         | 1.280 | 1.410 | -10.2  | 76    | -0.02    |
| 82   | 3,3'-Dichlorobenzidine     | 0.417 | 0.496 | -18.9  | 81    | -0.02    |
| 83   | Chrysene                   | 1.228 | 1.336 | -8.8   | 75    | -0.02    |
| 84   | Bis(2-ethylhexyl)phthalate | 0.714 | 0.785 | -9.9   | 75    | -0.03    |
| 85 c | Di-n-octyl phthalate       | 1.243 | 1.333 | -7.2   | 73    | -0.03    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 69    | -0.03    |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.366 | 1.588 | -16.3  | 78    | -0.06    |
| 88   | Benzo(b)fluoranthene       | 1.129 | 1.311 | -16.1  | 77    | -0.03    |
| 89   | Benzo(k)fluoranthene       | 1.150 | 1.295 | -12.6  | 78    | -0.03    |
| 90 C | Benzo(a)pyrene             | 1.050 | 1.205 | -14.8  | 77    | -0.03    |
| 91   | Dibenzo(a,h)anthracene     | 1.097 | 1.301 | -18.6  | 79    | -0.06    |
| 92   | Benzo(g,h,i)perylene       | 1.067 | 1.217 | -14.1  | 78    | -0.06    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
Data File : BG064435.D  
Acq On : 23 Sep 2025 11:28  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 23 12:06:38 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 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 = 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: POWE02  
 Lab Code: ACE SDG No.: Q3155  
 Instrument ID: BNA\_P Calibration Date/Time: 09/23/2025 11:03  
 Lab File ID: BP025824.D Init. Calib. Date(s): 09/11/2025 09/11/2025  
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                 | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|--------------------------|-------|--------|------------|-------|-------|
| 2-Fluorophenol           | 1.240 | 1.206  |            | -2.7  |       |
| Phenol-d6                | 1.648 | 1.633  |            | -0.9  |       |
| Nitrobenzene-d5          | 0.453 | 0.430  |            | -5.1  |       |
| Naphthalene              | 1.078 | 1.001  |            | -7.1  |       |
| 2-Fluorobiphenyl         | 1.502 | 1.396  |            | -7.1  |       |
| Fluorene                 | 1.431 | 1.345  |            | -6.0  |       |
| 2,4,6-Tribromophenol     | 0.249 | 0.260  |            | 4.4   |       |
| Phenanthrene             | 1.135 | 1.040  |            | -8.4  |       |
| Anthracene               | 1.151 | 1.047  |            | -9.0  |       |
| Pyrene                   | 1.335 | 1.221  |            | -8.5  |       |
| Terphenyl-d14            | 1.112 | 0.988  |            | -11.2 |       |
| Benzo (a) anthracene     | 1.369 | 1.272  |            | -7.1  |       |
| Chrysene                 | 1.305 | 1.192  |            | -8.7  |       |
| Benzo (b) fluoranthene   | 1.223 | 1.198  |            | -2.0  |       |
| Benzo (a) pyrene         | 1.198 | 1.117  |            | -6.8  | 20.0  |
| Indeno (1,2,3-cd) pyrene | 1.454 | 1.226  |            | -15.7 |       |
| Benzo (g,h,i) perylene   | 1.171 | 0.928  |            | -20.8 |       |

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025824.D  
 Acq On : 23 Sep 2025 11:03  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.755  | 152  | 220036   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.519 | 136  | 921644   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 640458   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.178 | 188  | 1402357  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 1584555  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12              | 25.007 | 264  | 1726843  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.390  | 112  | 1061729  | 77.858 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.955  | 99   | 1436927  | 79.275 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.902  | 82   | 1585779  | 75.897 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 667252   | 83.527 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.984 | 172  | 3575606  | 74.336 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.907 | 244  | 6261661  | 71.090 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.302  | 88   | 205285   | 35.867 | ng    | 99       |
| 3) Pyridine                   | 3.702  | 79   | 593406   | 37.653 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.608  | 42   | 273722   | 36.808 | ng    | 97       |
| 6) Aniline                    | 7.090  | 93   | 963366   | 38.718 | ng    | 99       |
| 8) 2-Chlorophenol             | 7.331  | 128  | 585815   | 39.159 | ng    | 100      |
| 9) Benzaldehyde               | 6.908  | 77   | 584867   | 53.834 | ng    | 98       |
| 10) Phenol                    | 6.984  | 94   | 750633   | 39.274 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.178  | 93   | 584333   | 38.054 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.643  | 146  | 640982   | 37.646 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.790  | 146  | 652360   | 37.614 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.102  | 146  | 631418   | 37.475 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.996  | 79   | 573313   | 38.277 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.266  | 45   | 922143   | 36.722 | ng    | 99       |
| 17) 2-Methylphenol            | 8.207  | 107  | 505819   | 39.254 | ng    | 99       |
| 18) Hexachloroethane          | 8.813  | 117  | 248818   | 37.559 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.549  | 70   | 494558   | 39.119 | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.537  | 107  | 690109   | 38.241 | ng    | 97       |
| 22) Acetophenone              | 8.566  | 105  | 949454   | 38.549 | ng    | 99       |
| 24) Nitrobenzene              | 8.943  | 77   | 712120   | 37.992 | ng    | 97       |
| 25) Isophorone                | 9.460  | 82   | 1414869  | 38.527 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.643  | 139  | 346627   | 41.652 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.707  | 122  | 574336   | 39.339 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.931  | 93   | 822701   | 38.755 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.196 | 162  | 575405   | 39.529 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.384 | 180  | 621445   | 37.881 | ng    | 98       |
| 31) Naphthalene               | 10.572 | 128  | 1845082  | 37.128 | ng    | 100      |
| 32) Benzoic acid              | 9.901  | 122  | 436495   | 40.214 | ng    | 98       |
| 33) 4-Chloroaniline           | 10.678 | 127  | 828104   | 39.979 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.854 | 225  | 396965   | 37.589 | ng    | 99       |
| 35) Caprolactam               | 11.501 | 113  | 285853   | 50.943 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.831 | 107  | 678445   | 39.093 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.178 | 142  | 1223450  | 38.330 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.395 | 142  | 1276709  | 37.509 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.554 | 216  | 743526   | 38.311 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.531 | 237  | 406967   | 38.502 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.801 | 196  | 510135   | 39.984 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025824.D  
 Acq On : 23 Sep 2025 11:03  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

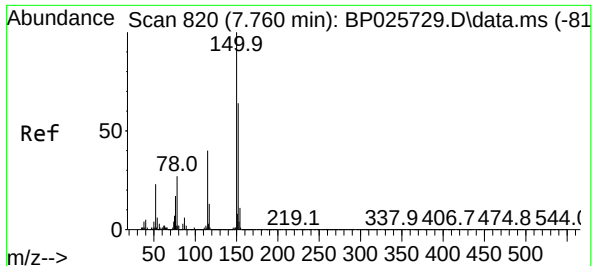
Quant Time: Sep 23 11:40:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.895 | 196  | 559153   | 39.379 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.195 | 154  | 1771502  | 37.684 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.242 | 162  | 1384278  | 37.397 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.448 | 65   | 490839   | 39.780 | ng    | 97       |
| 49) Acenaphthylene            | 14.095 | 152  | 2321959  | 37.860 | ng    | 99       |
| 50) Dimethylphthalate         | 13.831 | 163  | 1889211  | 38.637 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.954 | 165  | 416994   | 40.252 | ng    | 98       |
| 52) Acenaphthene              | 14.442 | 154  | 1301580  | 36.800 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.290 | 138  | 457492   | 41.995 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 272913   | 42.899 | ng    | 99       |
| 55) Dibenzofuran              | 14.784 | 168  | 2117510  | 36.734 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.666 | 139  | 453699   | 50.134 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.760 | 165  | 605241   | 41.052 | ng    | 93       |
| 58) Fluorene                  | 15.442 | 166  | 1722462  | 37.577 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.025 | 232  | 515744   | 40.321 | ng    | 97       |
| 60) Diethylphthalate          | 15.207 | 149  | 1946579  | 39.246 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.436 | 204  | 871831   | 37.740 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.478 | 138  | 491635   | 44.052 | ng    | 97       |
| 63) Azobenzene                | 15.736 | 77   | 1853147  | 38.641 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 404632   | 43.387 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.654 | 169  | 1585806  | 36.952 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.348 | 248  | 584559   | 37.943 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.478 | 284  | 651073   | 37.896 | ng    | 95       |
| 69) Atrazine                  | 16.631 | 200  | 645026   | 39.320 | ng    | 97       |
| 70) Pentachlorophenol         | 16.836 | 266  | 424480   | 37.435 | ng    | 99       |
| 71) Phenanthrene              | 17.225 | 178  | 2917571  | 36.676 | ng    | 99       |
| 72) Anthracene                | 17.319 | 178  | 2936929  | 36.387 | ng    | 100      |
| 73) Carbazole                 | 17.601 | 167  | 2865218  | 38.183 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.183 | 149  | 3721772  | 40.416 | ng    | 100      |
| 75) Fluoranthene              | 19.307 | 202  | 3657440  | 38.336 | ng    | 100      |
| 77) Benzidine                 | 19.507 | 184  | 2023181  | 44.326 | ng    | 100      |
| 78) Pyrene                    | 19.683 | 202  | 3869246  | 36.596 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.636 | 149  | 1884621  | 40.653 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.613 | 228  | 4031152  | 37.160 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.524 | 252  | 1491956  | 39.775 | ng    | 99       |
| 83) Chrysene                  | 21.677 | 228  | 3776225  | 36.517 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.536 | 149  | 2760305  | 40.698 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.813 | 149  | 5110532  | 42.360 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.853 | 276  | 4233442  | 33.711 | ng    | # 76     |
| 88) Benzo(b)fluoranthene      | 23.936 | 252  | 4136561  | 39.172 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.013 | 252  | 3957661  | 36.727 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.842 | 252  | 3858917  | 37.315 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.906 | 278  | 3509249  | 34.148 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.024 | 276  | 3204332  | 31.706 | ng    | 98       |

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

**Instrument :**  
BNA\_P  
**ClientSampleId :**  
SSTDCCC040

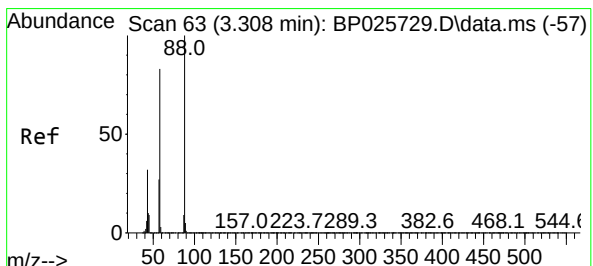
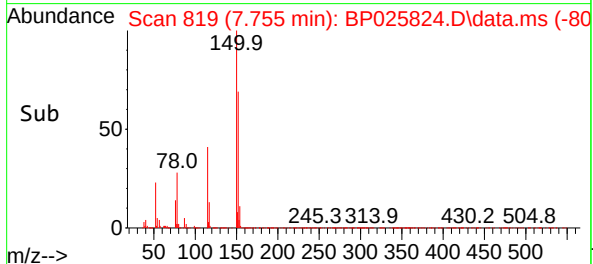
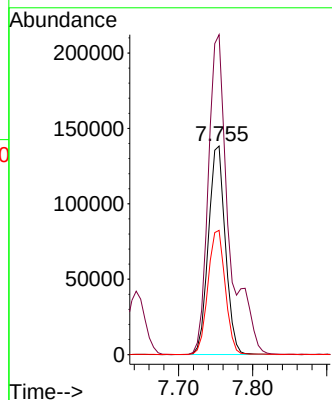
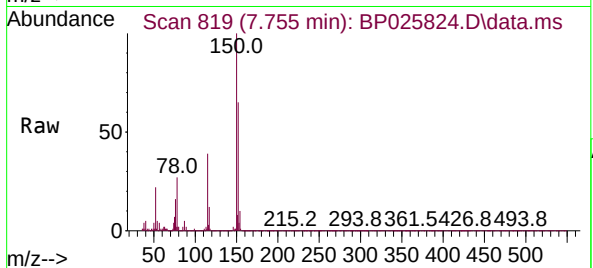
[illegible]



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.755 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

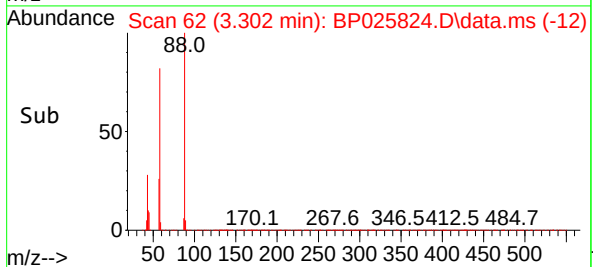
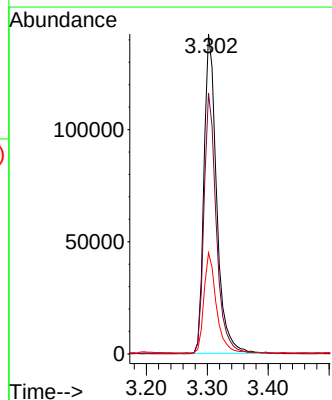
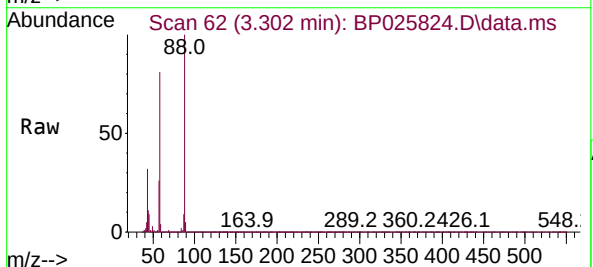
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

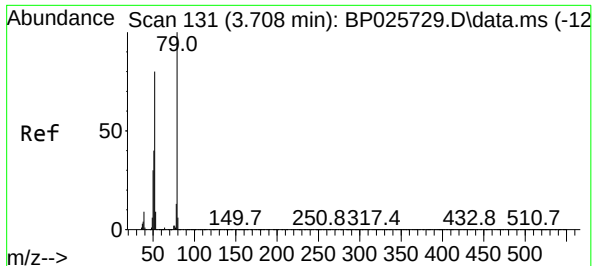
Tgt Ion:152 Resp: 220036  
Ion Ratio Lower Upper  
152 100  
150 153.4 124.3 186.5  
115 59.6 50.3 75.5



#2  
1,4-Dioxane  
Concen: 35.867 ng  
RT: 3.302 min Scan# 62  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 88 Resp: 205285  
Ion Ratio Lower Upper  
88 100  
58 80.4 65.5 98.3  
43 31.4 25.2 37.8

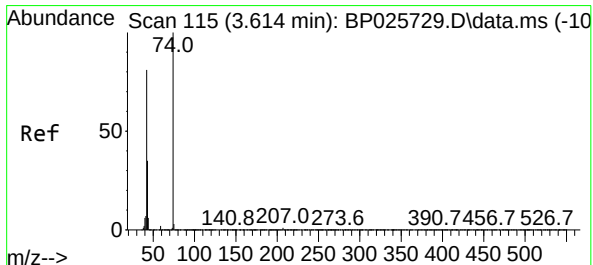
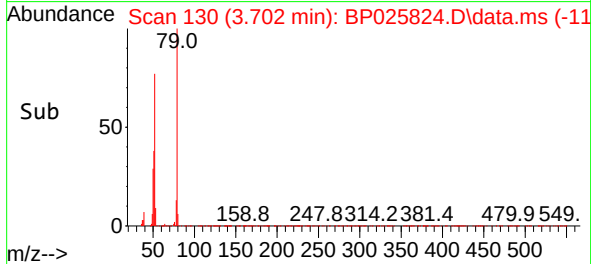
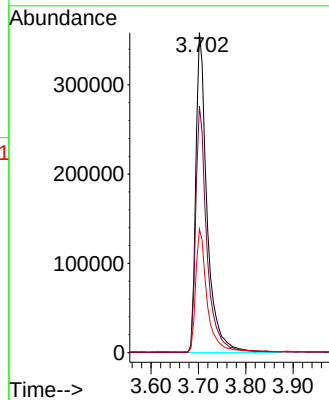
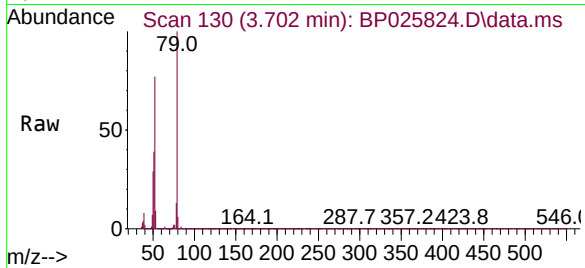




#3  
Pyridine  
Concen: 37.653 ng  
RT: 3.702 min Scan# 131  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

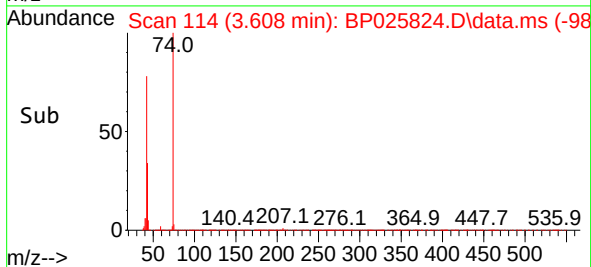
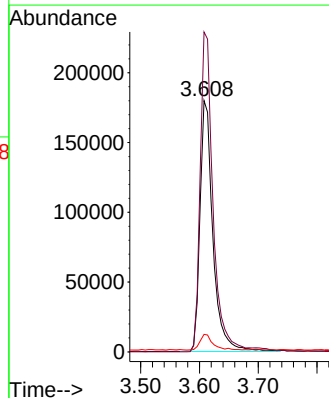
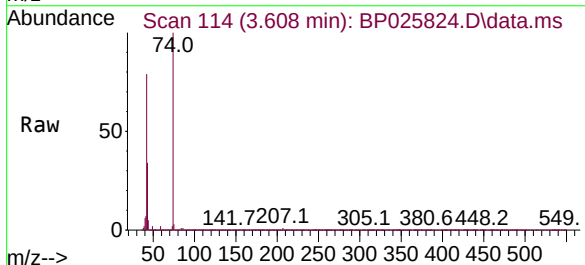
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 593406  
Ion Ratio Lower Upper  
79 100  
52 77.1 63.7 95.5  
51 38.6 32.4 48.6

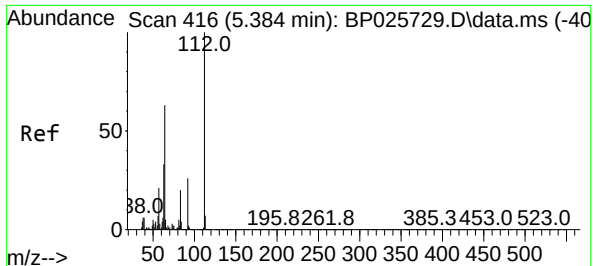


#4  
n-Nitrosodimethylamine  
Concen: 36.808 ng  
RT: 3.608 min Scan# 114  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 42 Resp: 273722  
Ion Ratio Lower Upper  
42 100  
74 127.4 99.2 148.8  
44 7.0 6.4 9.6



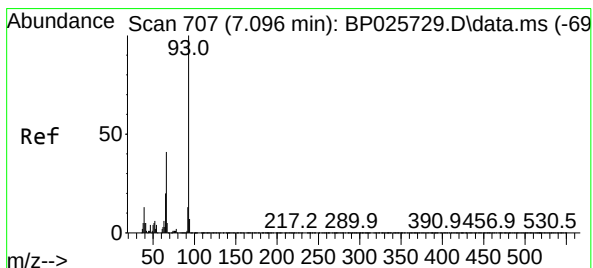
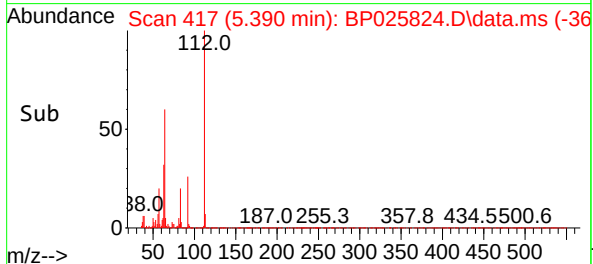
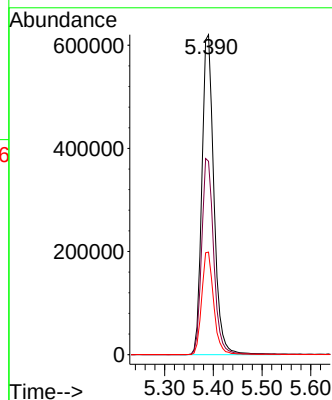
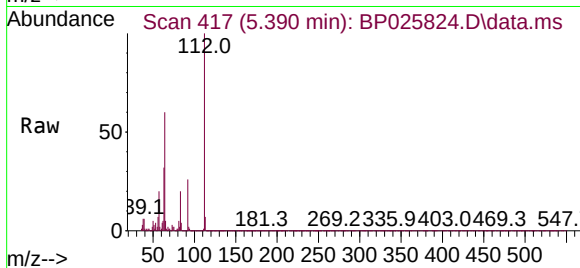




#5  
2-Fluorophenol  
Concen: 77.858 ng  
RT: 5.390 min Scan# 416  
Delta R.T. 0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

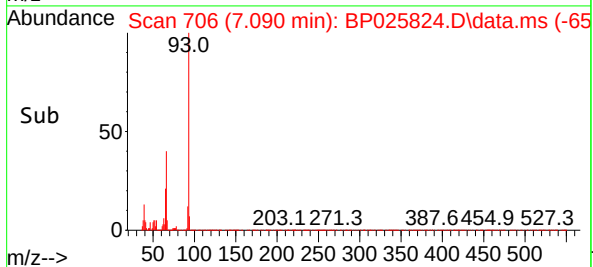
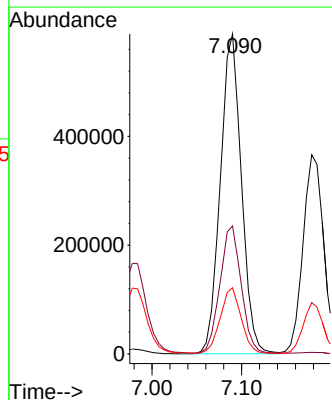
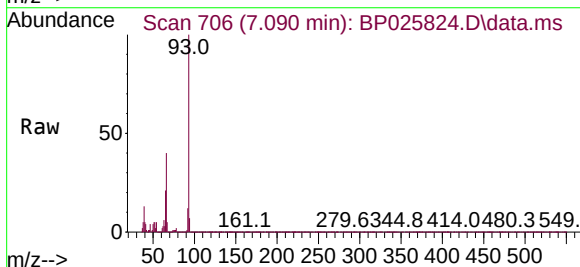
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

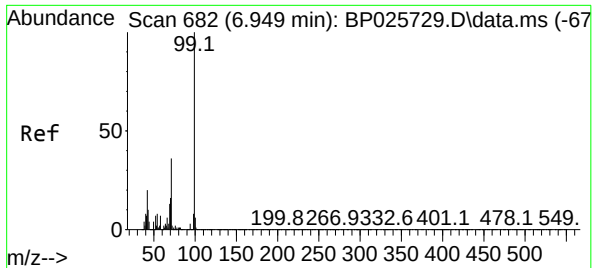
Tgt Ion:112 Resp: 1061729  
Ion Ratio Lower Upper  
112 100  
64 60.4 50.2 75.4  
63 32.0 26.7 40.1



#6  
Aniline  
Concen: 38.718 ng  
RT: 7.090 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 93 Resp: 963366  
Ion Ratio Lower Upper  
93 100  
66 40.0 32.6 49.0  
65 20.7 16.2 24.2



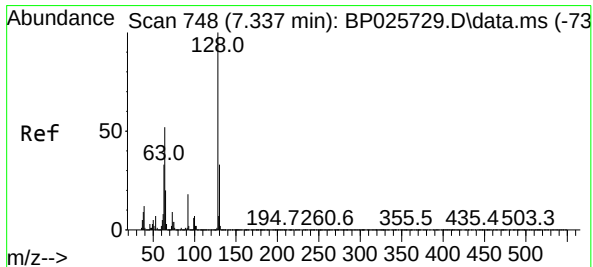
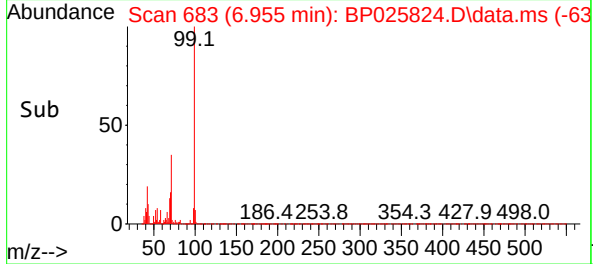
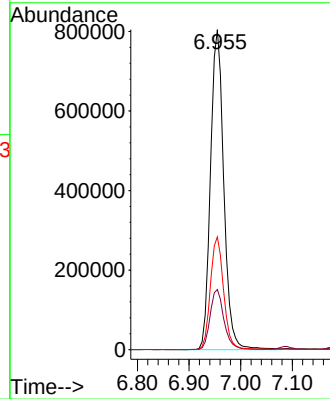
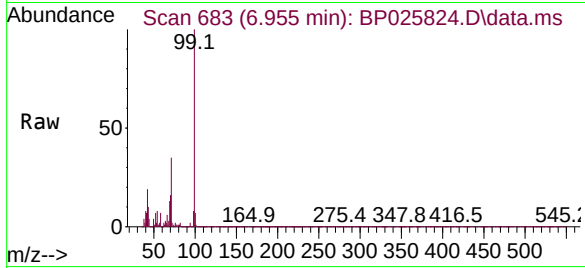


#7  
Phenol-d6  
Concen: 79.275 ng  
RT: 6.955 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 1436927

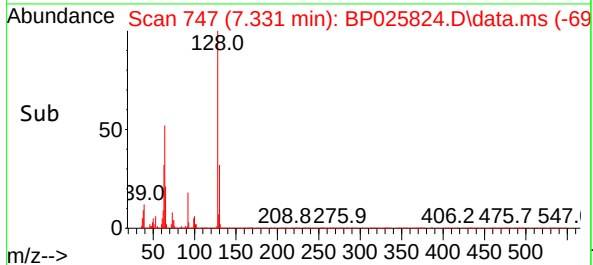
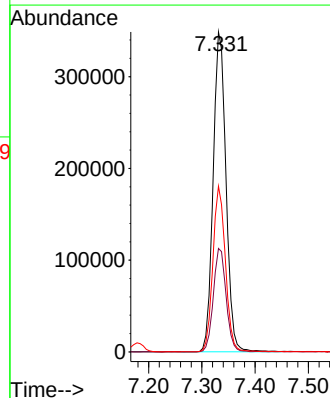
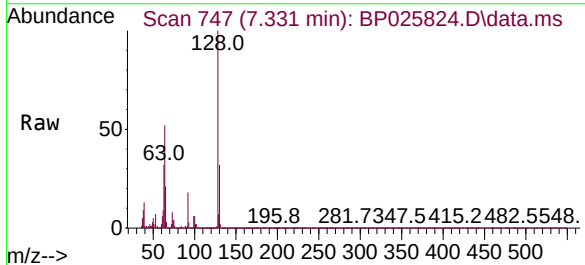
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.8  | 15.6  | 23.4  |
| 71  | 35.2  | 28.6  | 43.0  |

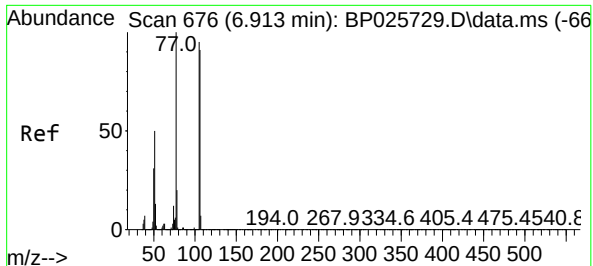


#8  
2-Chlorophenol  
Concen: 39.159 ng  
RT: 7.331 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 128 Resp: 585815

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.4  | 12.6  | 52.6  |
| 64  | 51.8  | 31.6  | 71.6  |

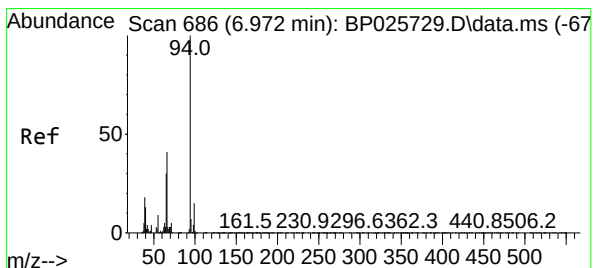
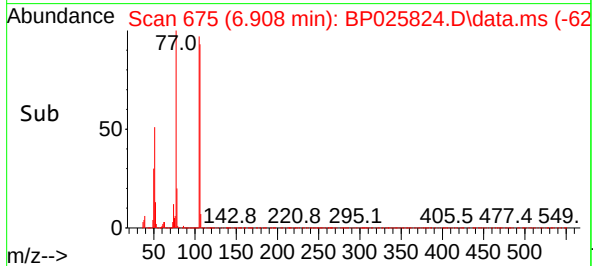
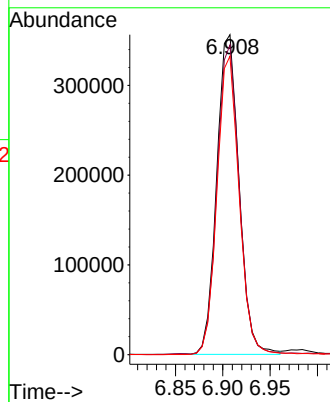
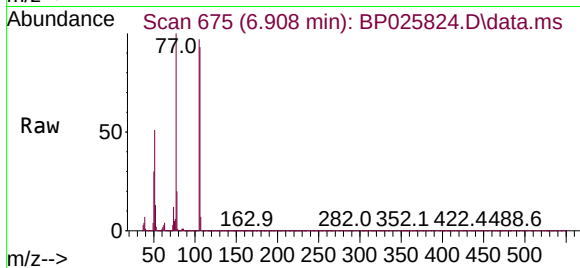




#9  
Benzaldehyde  
Concen: 53.834 ng  
RT: 6.908 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

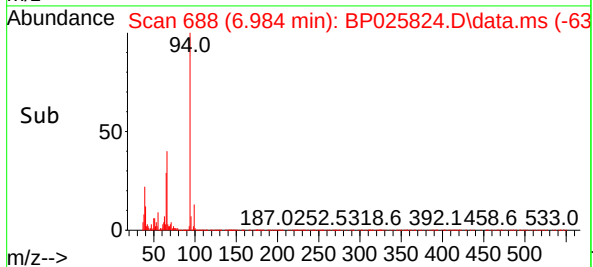
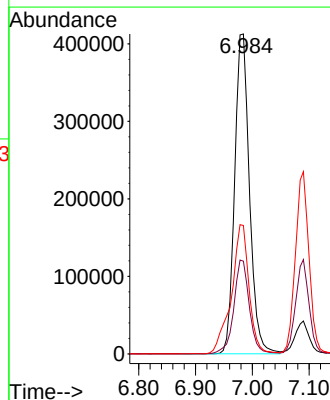
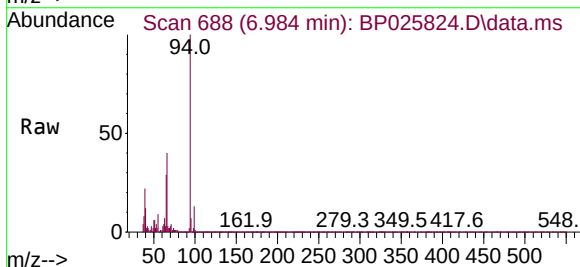
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

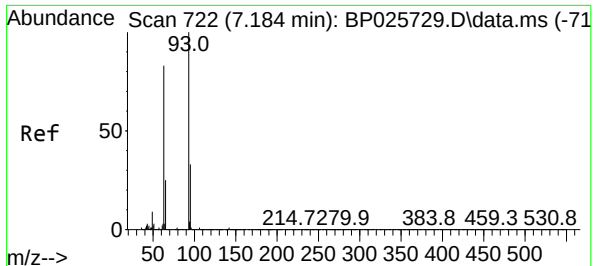
Tgt Ion: 77 Resp: 584867  
Ion Ratio Lower Upper  
77 100  
105 96.8 75.2 115.2  
106 93.3 71.3 111.3



#10  
Phenol  
Concen: 39.274 ng  
RT: 6.984 min Scan# 688  
Delta R.T. 0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 94 Resp: 750633  
Ion Ratio Lower Upper  
94 100  
65 29.0 10.2 50.2  
66 40.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 38.054 ng

RT: 7.178 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

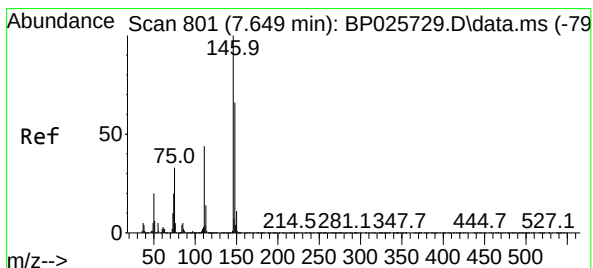
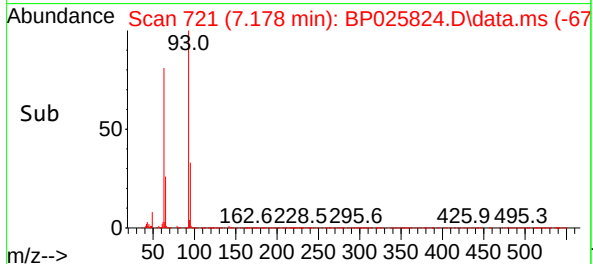
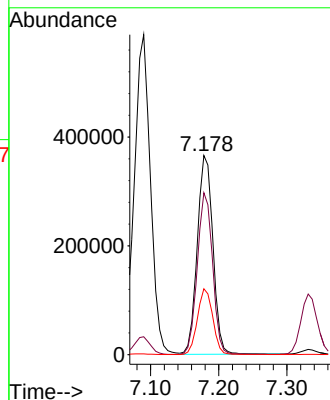
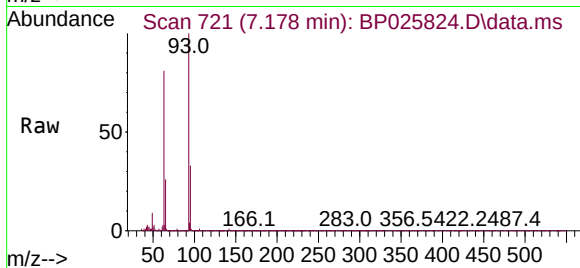
Tgt Ion: 93 Resp: 584333

Ion Ratio Lower Upper

93 100

63 81.3 62.6 102.6

95 33.1 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 37.646 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

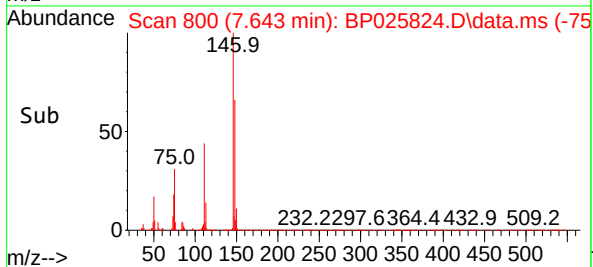
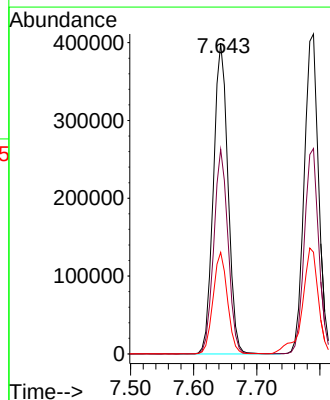
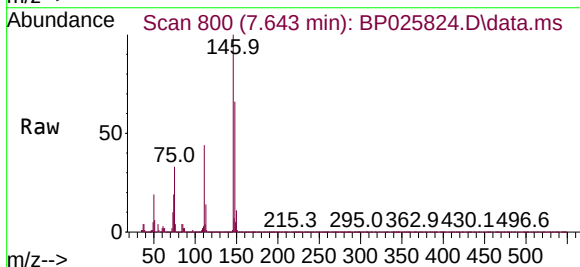
Tgt Ion:146 Resp: 640982

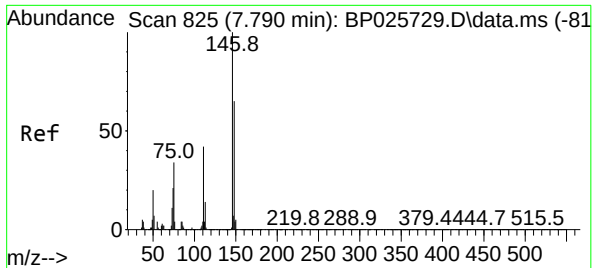
Ion Ratio Lower Upper

146 100

148 65.9 52.7 79.1

75 32.7 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 37.614 ng

RT: 7.790 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

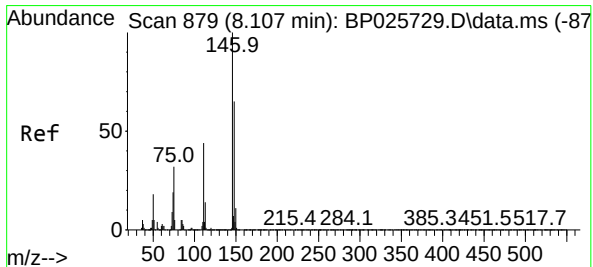
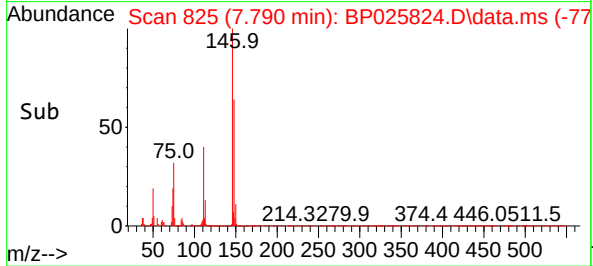
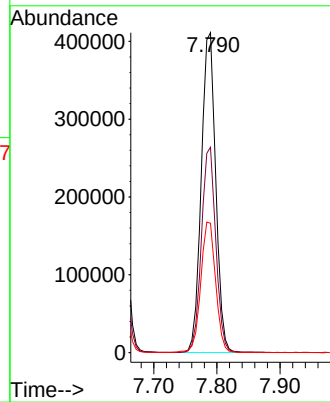
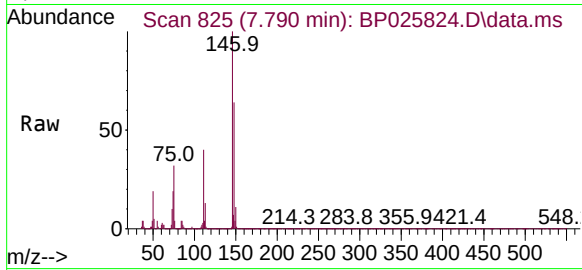
Tgt Ion:146 Resp: 652360

Ion Ratio Lower Upper

146 100

148 64.2 52.0 78.0

111 40.4 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 37.475 ng

RT: 8.102 min Scan# 878

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

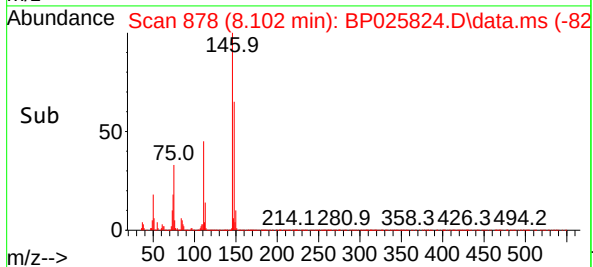
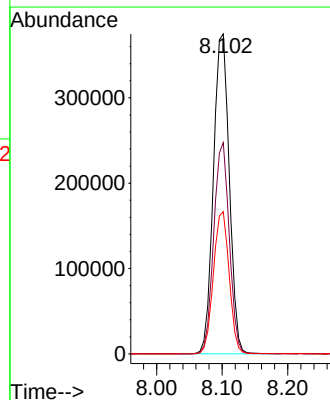
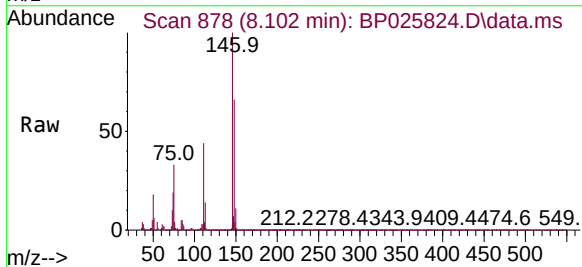
Tgt Ion:146 Resp: 631418

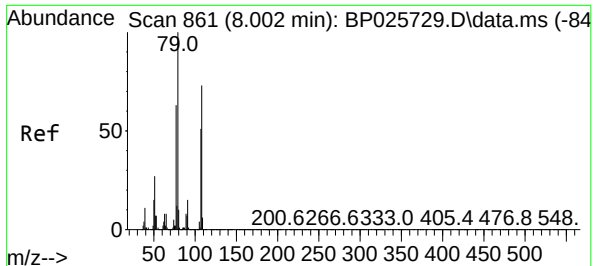
Ion Ratio Lower Upper

146 100

148 66.0 51.7 77.5

111 44.4 35.5 53.3

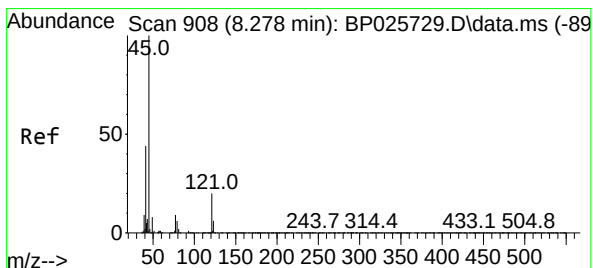
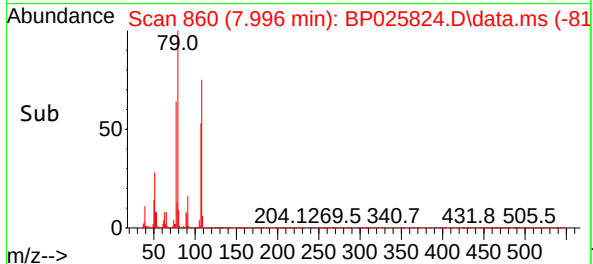
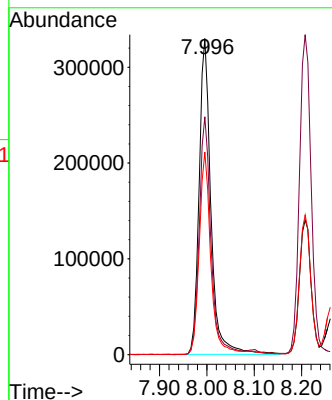
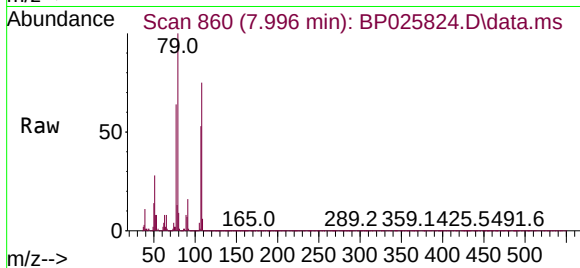




#15  
Benzyl Alcohol  
Concen: 38.277 ng  
RT: 7.996 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

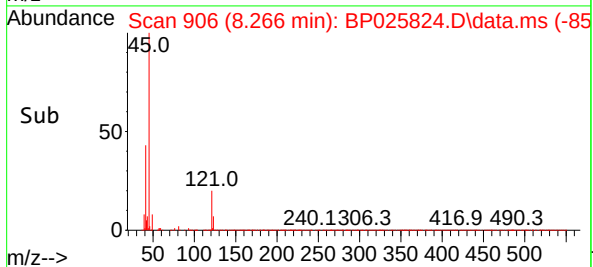
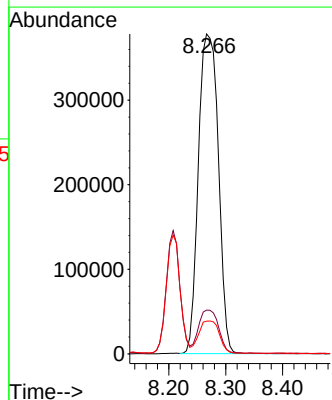
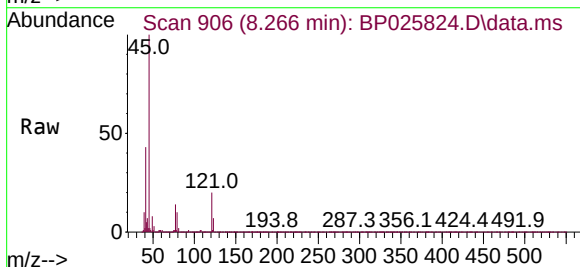
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

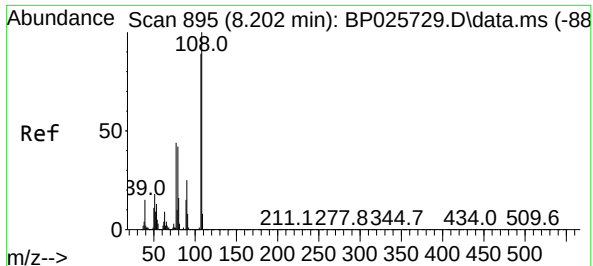
Tgt Ion: 79 Resp: 573313  
Ion Ratio Lower Upper  
79 100  
108 75.3 58.7 88.1  
77 64.1 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.722 ng  
RT: 8.266 min Scan# 906  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 45 Resp: 922143  
Ion Ratio Lower Upper  
45 100  
77 13.7 0.0 33.1  
79 10.2 0.0 30.0

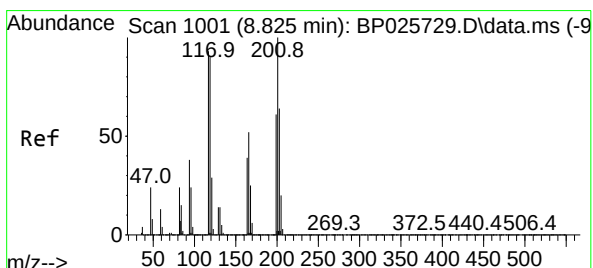
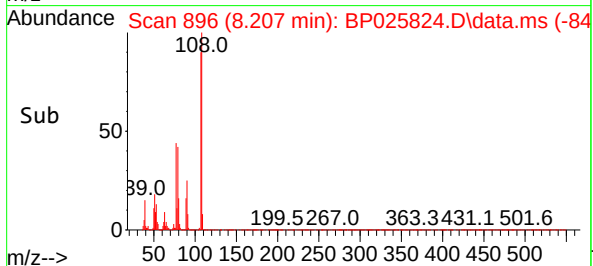
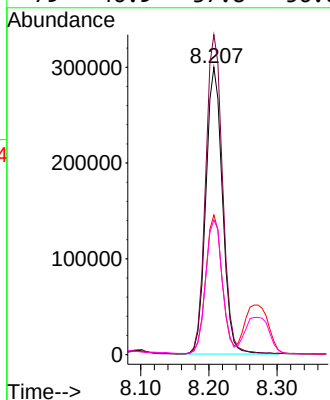
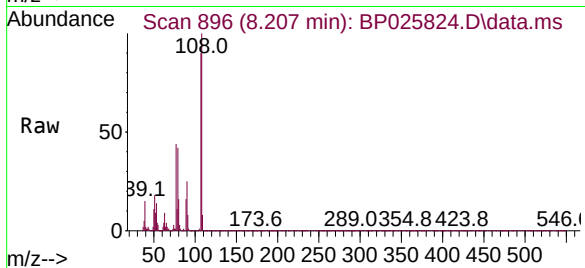




#17  
2-Methylphenol  
Concen: 39.254 ng  
RT: 8.207 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

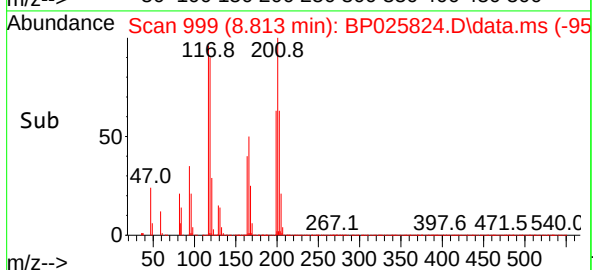
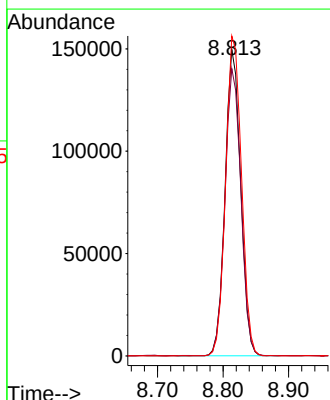
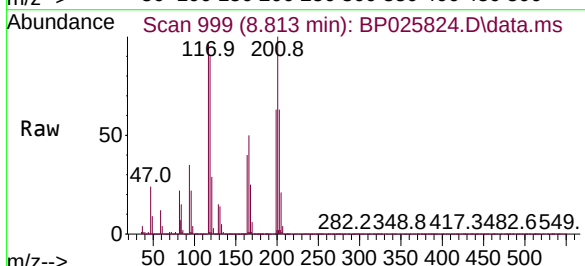
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

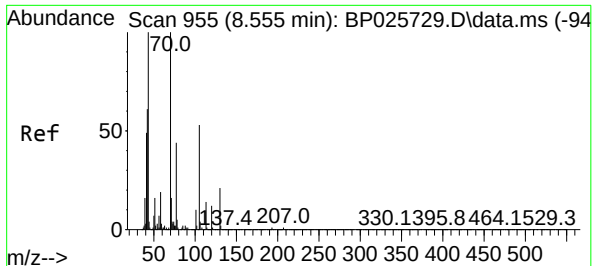
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 505819 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.4 | 89.6  | 134.4  |
| 77       | 48.6  | 39.3  | 58.9   |
| 79       | 46.9  | 37.8  | 56.6   |



#18  
Hexachloroethane  
Concen: 37.559 ng  
RT: 8.813 min Scan# 999  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 248818 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.8  | 77.1  | 115.7  |
| 201      | 104.5 | 85.6  | 128.4  |





#19

n-Nitroso-di-n-propylamine

Concen: 39.119 ng

RT: 8.549 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025824.D

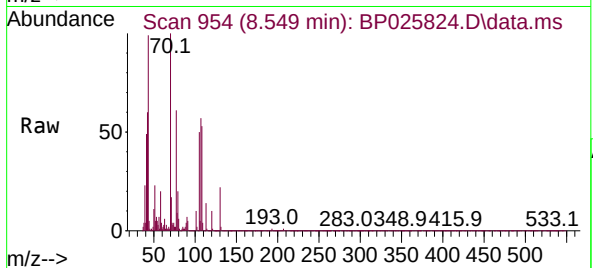
Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 494558

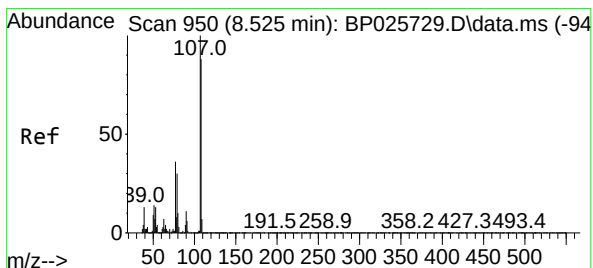
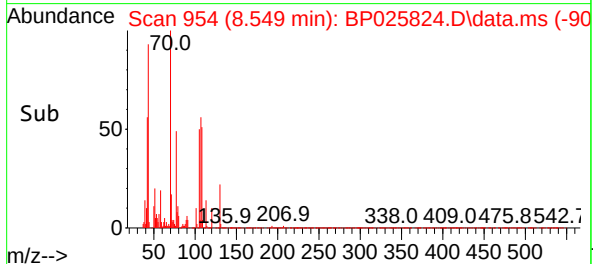
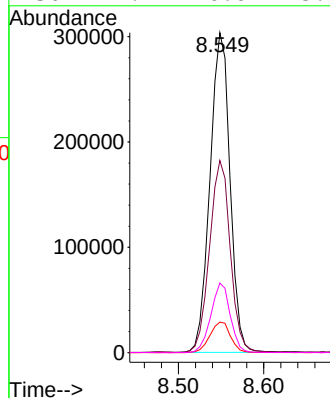
Ion Ratio Lower Upper

70 100

42 60.0 49.0 73.4

101 9.5 7.9 11.9

130 21.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.241 ng

RT: 8.537 min Scan# 952

Delta R.T. 0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Tgt Ion: 107 Resp: 690109

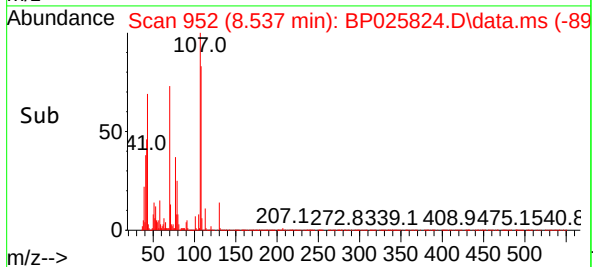
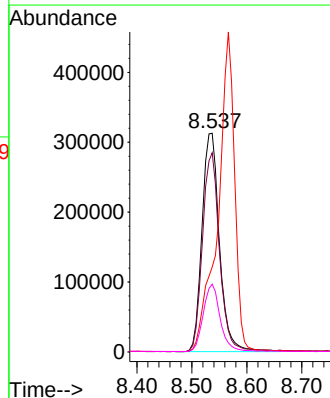
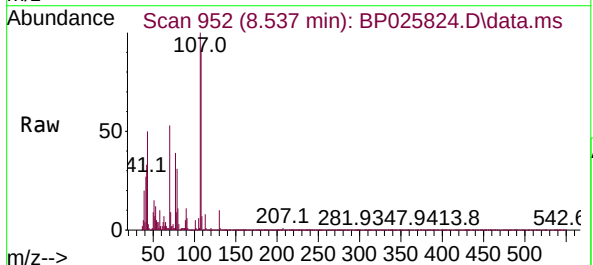
Ion Ratio Lower Upper

107 100

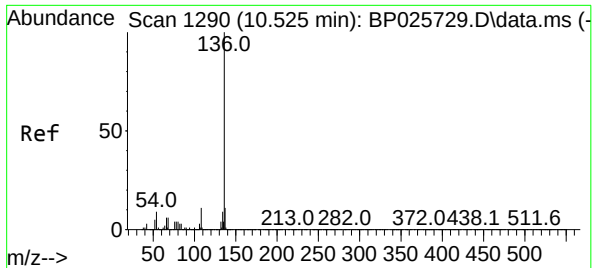
108 91.0 67.8 107.8

77 38.8 16.1 56.1

79 30.9 10.5 50.5







#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.519 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 921644

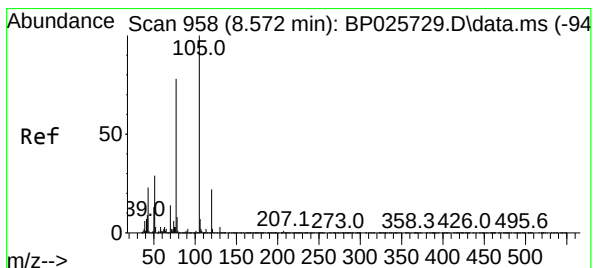
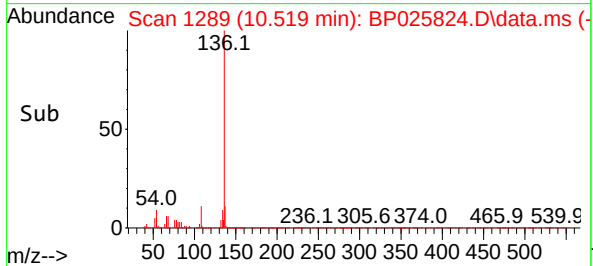
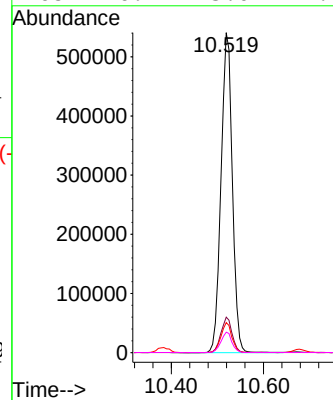
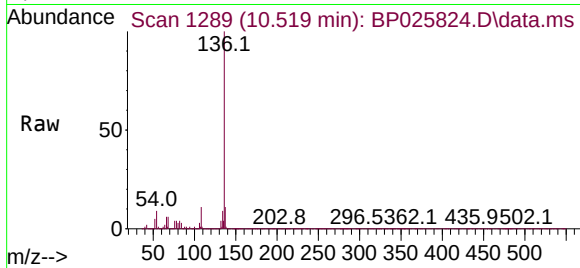
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.4 7.5 11.3

68 6.4 5.0 7.6



#22

Acetophenone

Concen: 38.549 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Tgt Ion:105 Resp: 949454

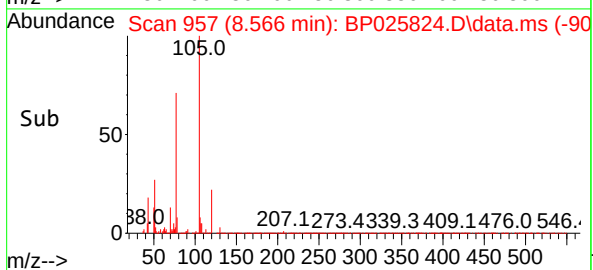
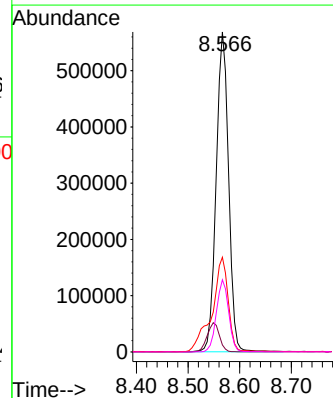
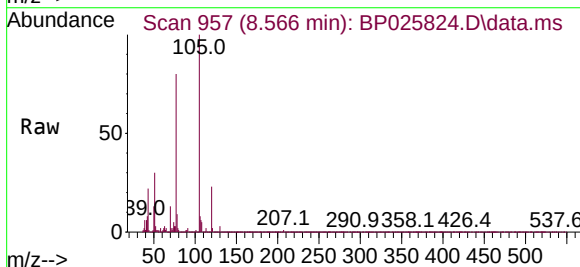
Ion Ratio Lower Upper

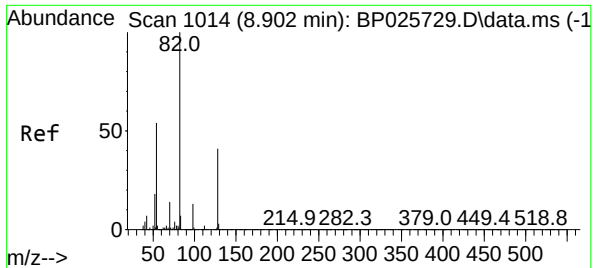
105 100

71 2.2 1.8 2.8

51 29.6 23.5 35.3

120 22.5 17.7 26.5

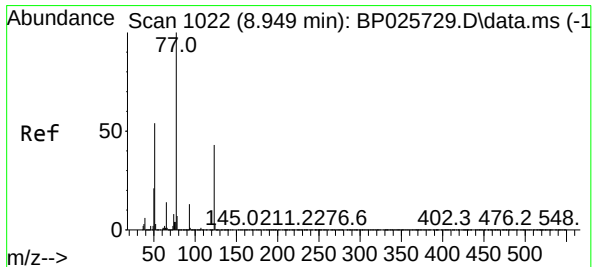
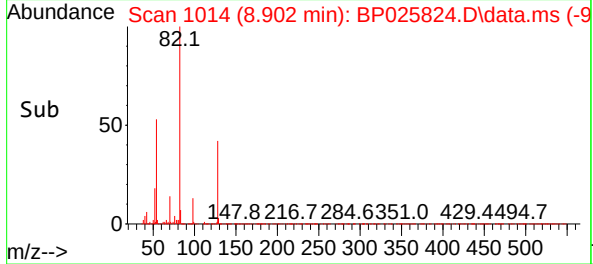
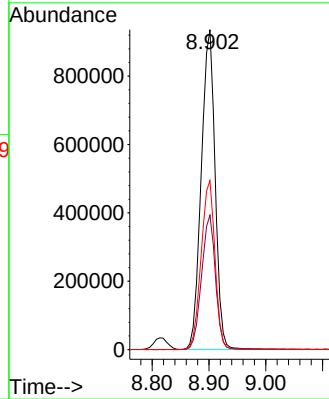
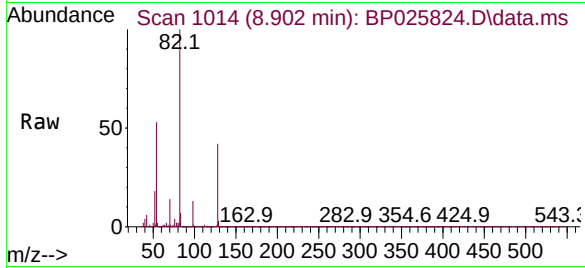




#23  
Nitrobenzene-d5  
Concen: 75.897 ng  
RT: 8.902 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

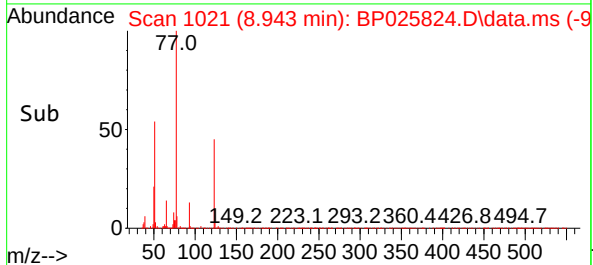
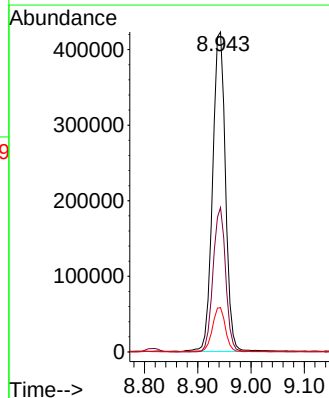
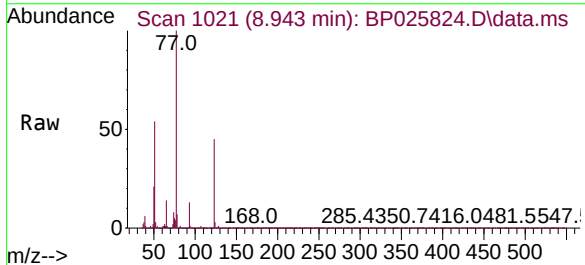
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

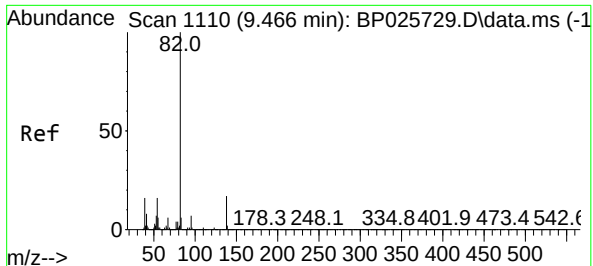
Tgt Ion: 82 Resp: 1585779  
Ion Ratio Lower Upper  
82 100  
128 42.0 32.9 49.3  
54 52.8 43.4 65.2



#24  
Nitrobenzene  
Concen: 37.992 ng  
RT: 8.943 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 77 Resp: 712120  
Ion Ratio Lower Upper  
77 100  
123 45.1 34.4 51.6  
65 13.8 10.8 16.2

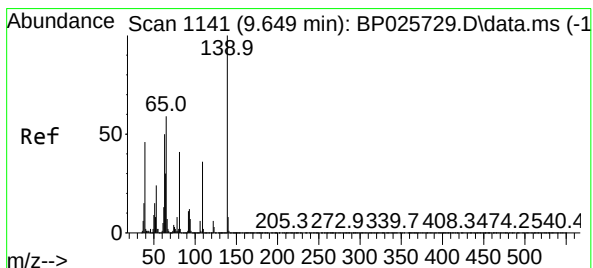
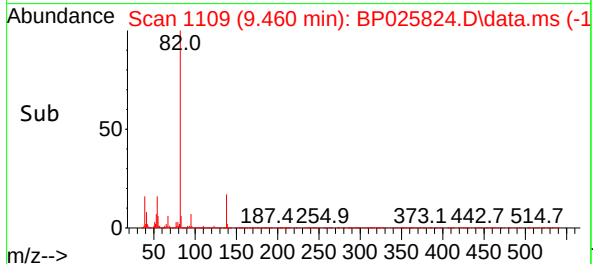
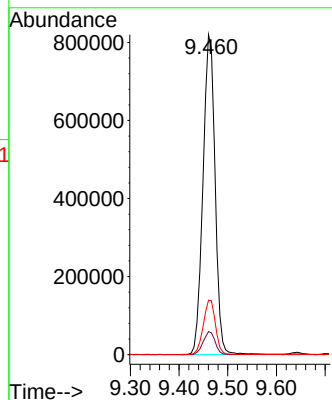
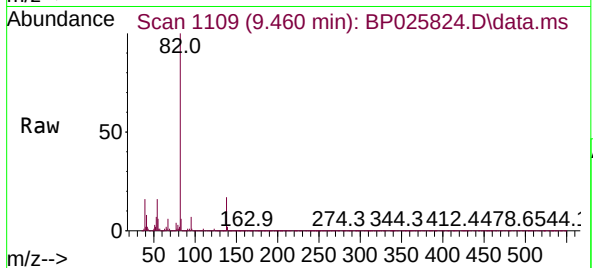




#25  
Isophorone  
Concen: 38.527 ng  
RT: 9.460 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

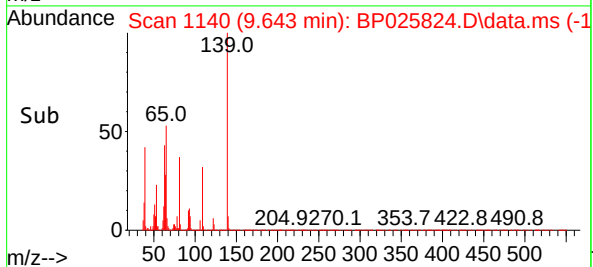
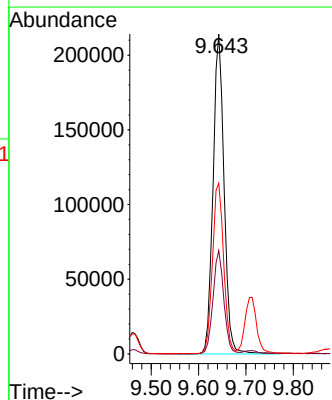
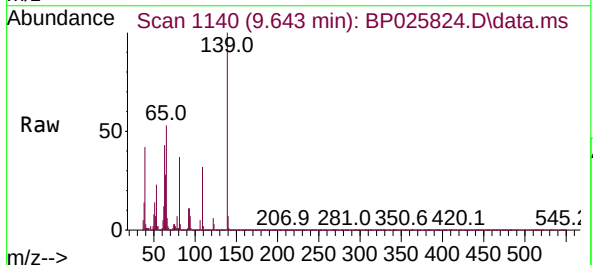
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

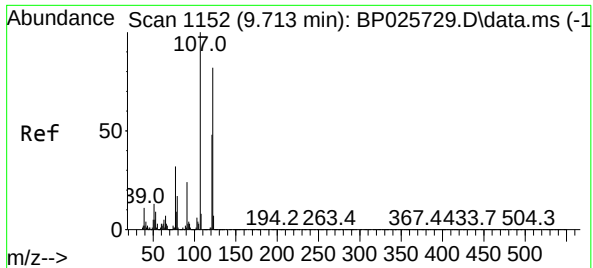
Tgt Ion: 82 Resp: 1414869  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.8 8.8  
138 17.0 13.5 20.3



#26  
2-Nitrophenol  
Concen: 41.652 ng  
RT: 9.643 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 139 Resp: 346627  
Ion Ratio Lower Upper  
139 100  
109 32.3 29.0 43.4  
65 53.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 39.339 ng

RT: 9.707 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

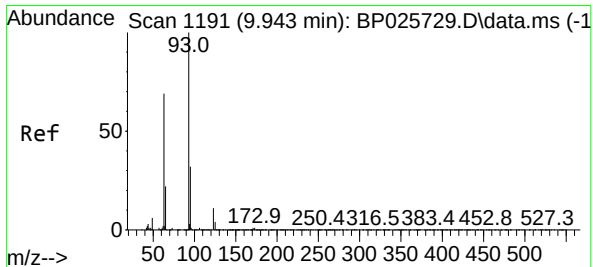
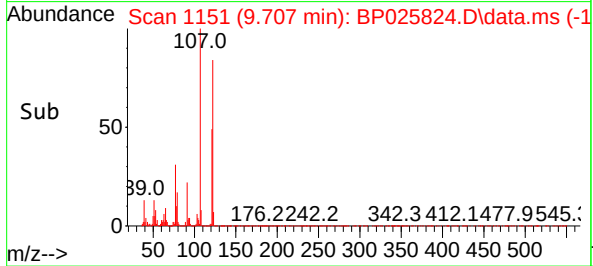
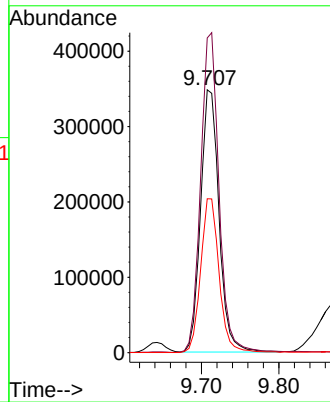
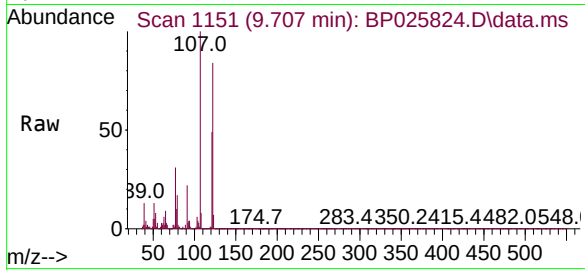
Tgt Ion:122 Resp: 574336

Ion Ratio Lower Upper

122 100

107 119.7 97.9 146.9

121 58.5 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.755 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

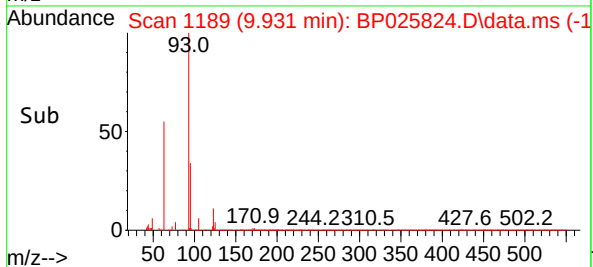
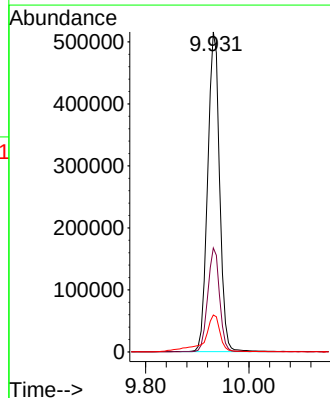
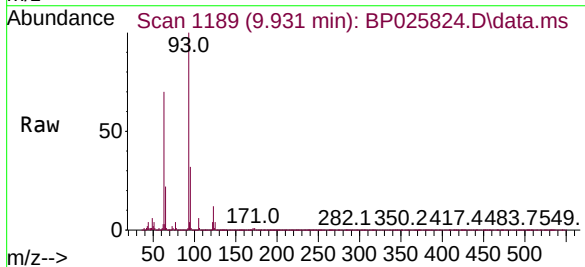
Tgt Ion: 93 Resp: 822701

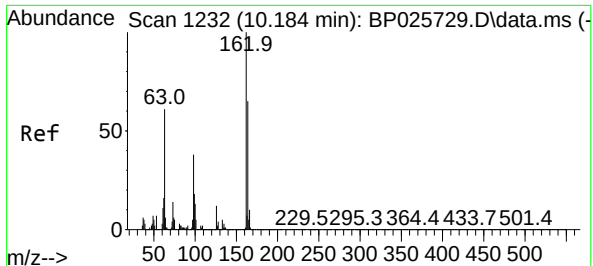
Ion Ratio Lower Upper

93 100

95 32.5 25.6 38.4

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.529 ng

RT: 10.196 min Scan# 1232

Delta R.T. 0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

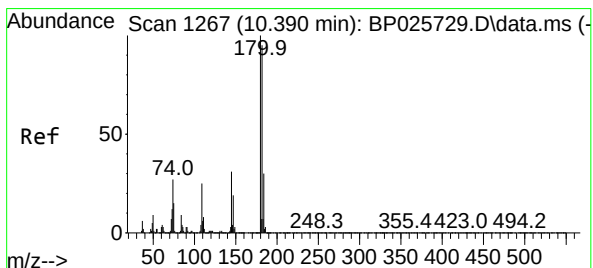
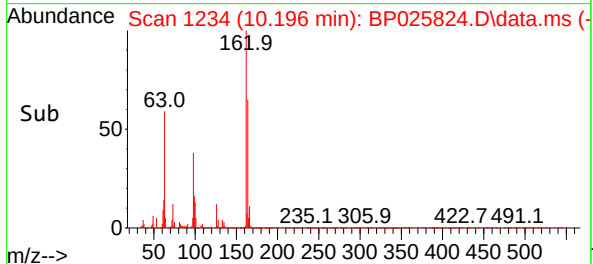
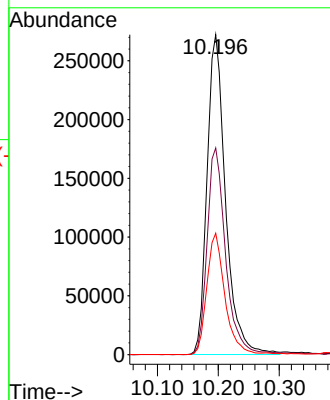
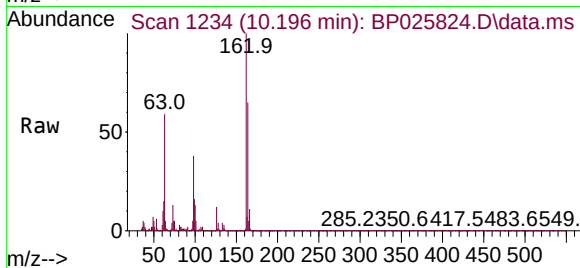
Tgt Ion:162 Resp: 575405

Ion Ratio Lower Upper

162 100

164 64.6 44.7 84.7

98 37.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 37.881 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

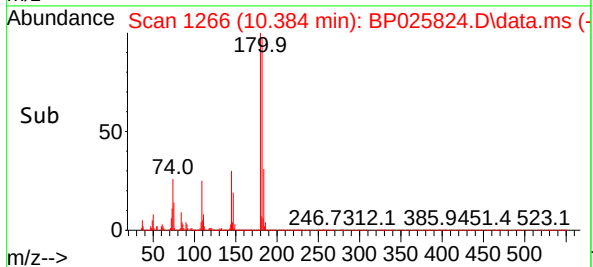
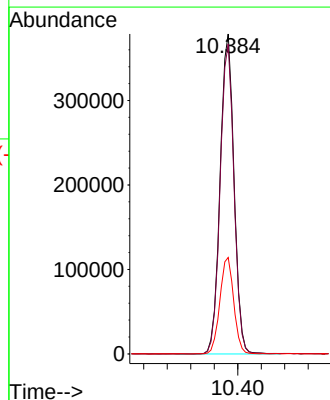
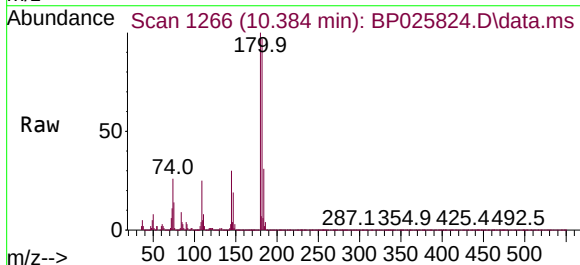
Tgt Ion:180 Resp: 621445

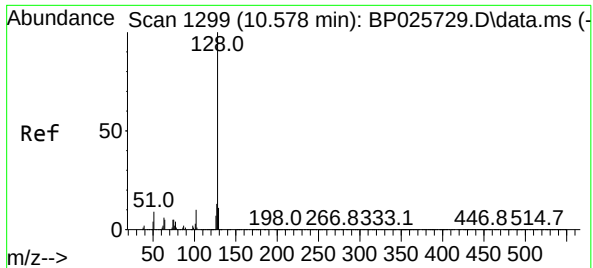
Ion Ratio Lower Upper

180 100

182 96.9 76.0 114.0

145 30.1 24.7 37.1

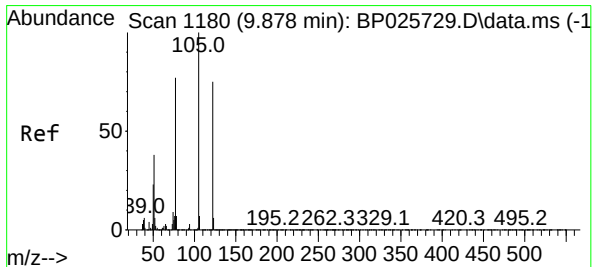
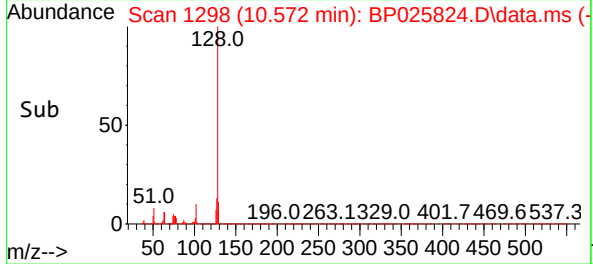
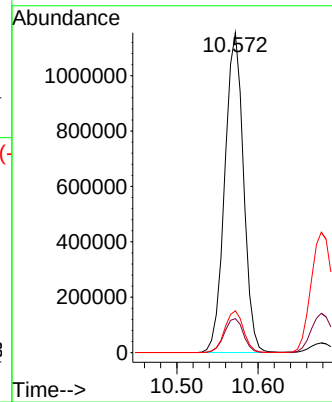
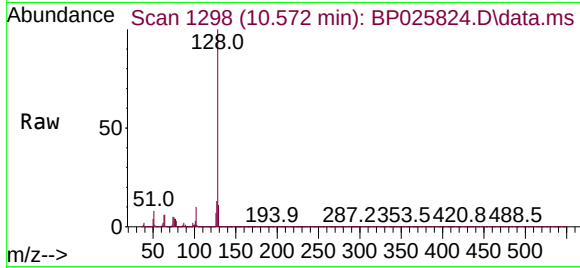




#31  
Naphthalene  
Concen: 37.128 ng  
RT: 10.572 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

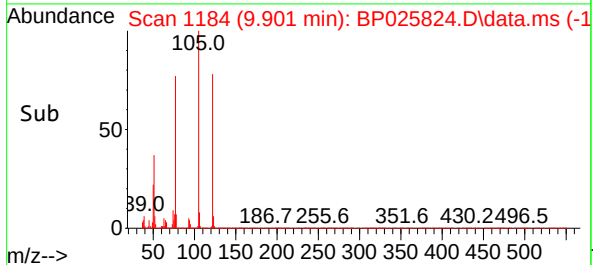
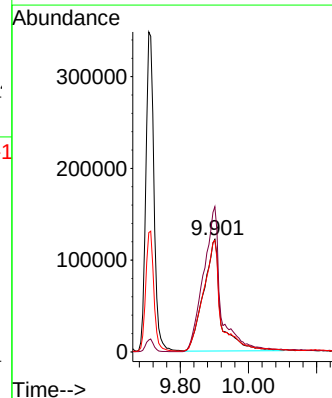
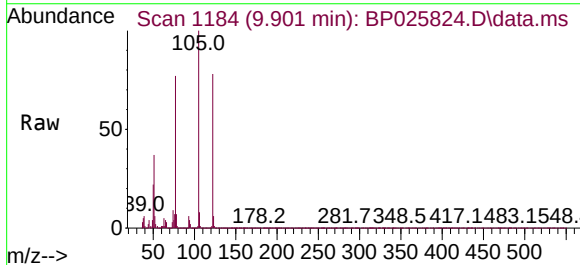
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

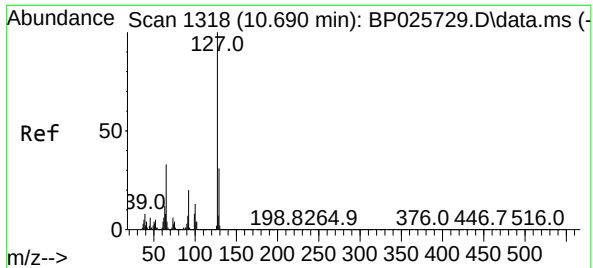
Tgt Ion:128 Resp: 1845082  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.6 12.8  
127 13.1 10.2 15.4



#32  
Benzoic acid  
Concen: 40.214 ng  
RT: 9.901 min Scan# 1184  
Delta R.T. 0.023 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:122 Resp: 436495  
Ion Ratio Lower Upper  
122 100  
105 129.0 111.5 151.5  
77 99.1 81.8 121.8

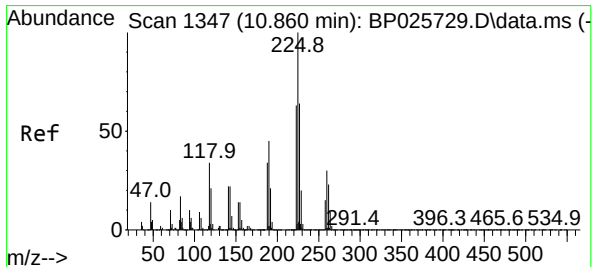
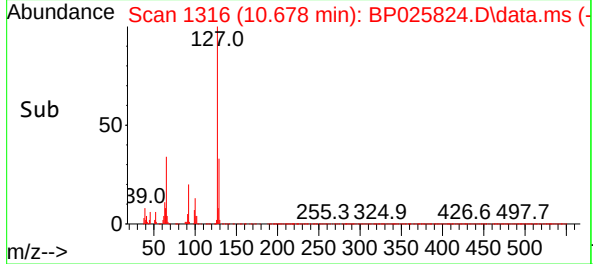
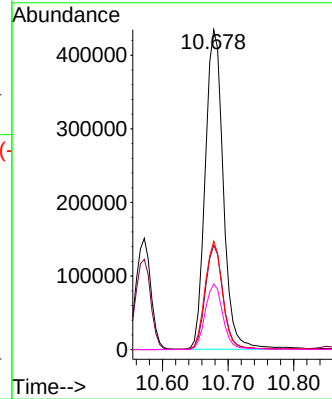
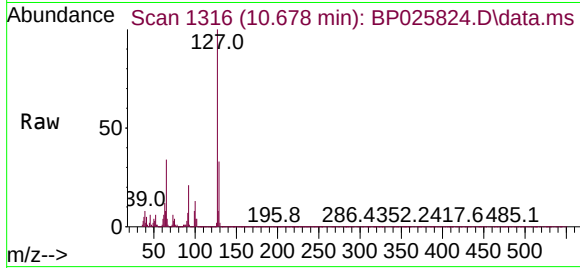




#33  
4-Chloroaniline  
Concen: 39.979 ng  
RT: 10.678 min Scan# 1318  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

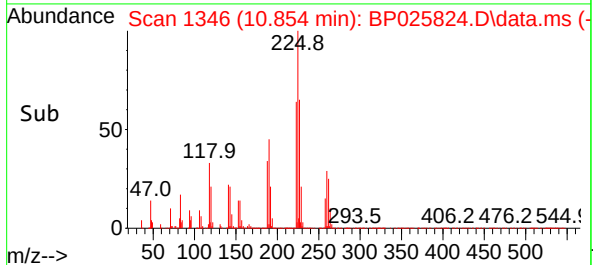
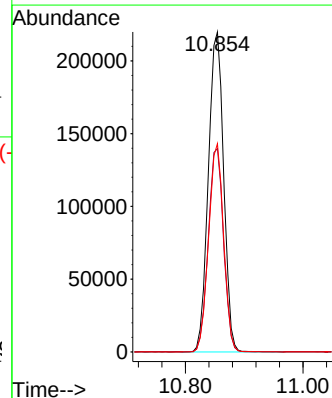
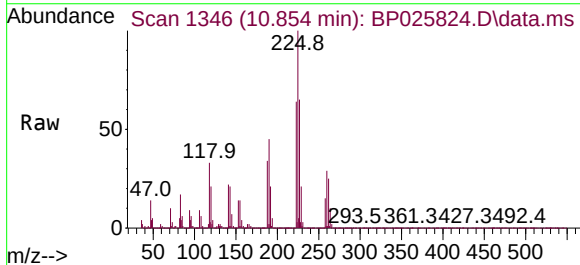
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

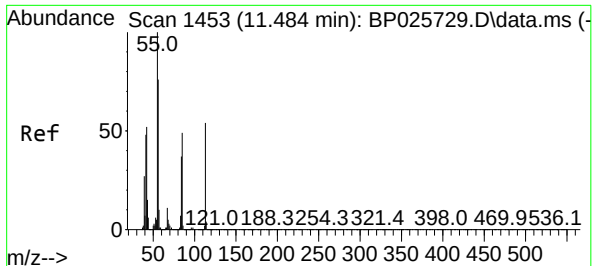
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 828104 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.1  | 37.7   |
| 65       | 33.9  | 26.4  | 39.6   |
| 92       | 20.5  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 37.589 ng  
RT: 10.854 min Scan# 1346  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 396965 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.5  | 50.1  | 75.1   |
| 227      | 65.1  | 51.2  | 76.8   |

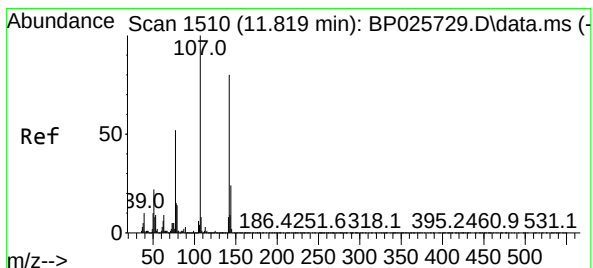
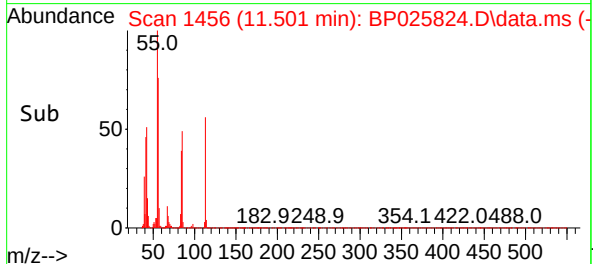
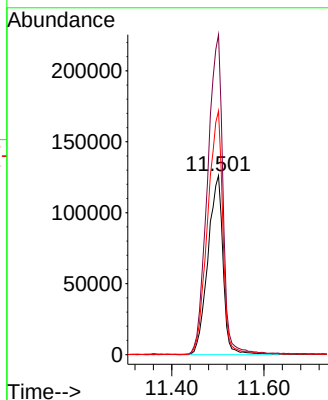
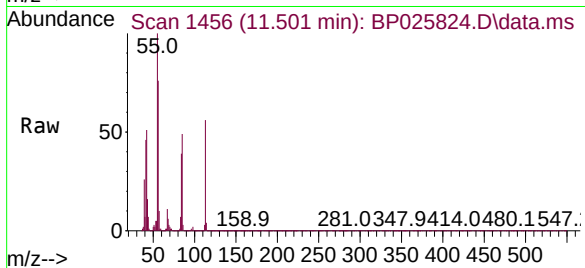




#35  
Caprolactam  
Concen: 50.943 ng  
RT: 11.501 min Scan# 1453  
Delta R.T. 0.018 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

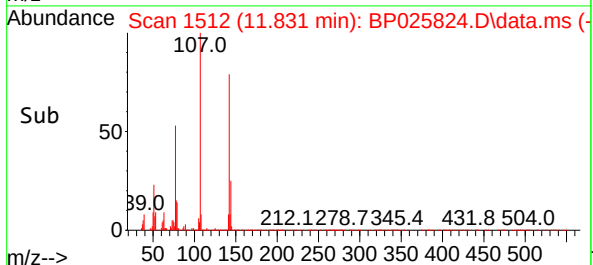
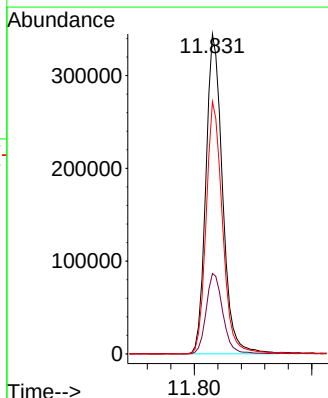
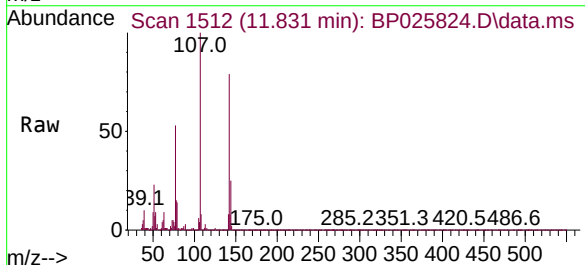
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 178.7 | 165.5 | 205.5 |
| 56      | 136.1 | 121.1 | 161.1 |

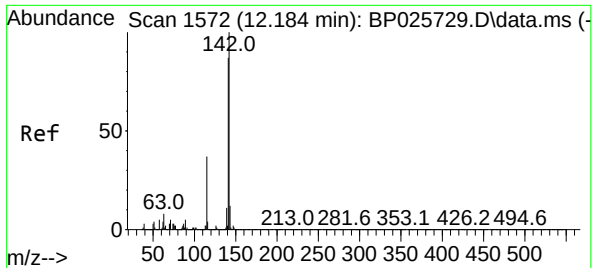


#36  
4-Chloro-3-methylphenol  
Concen: 39.093 ng  
RT: 11.831 min Scan# 1512  
Delta R.T. 0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.2  | 19.4  | 29.2  |
| 142     | 78.8  | 63.8  | 95.6  |



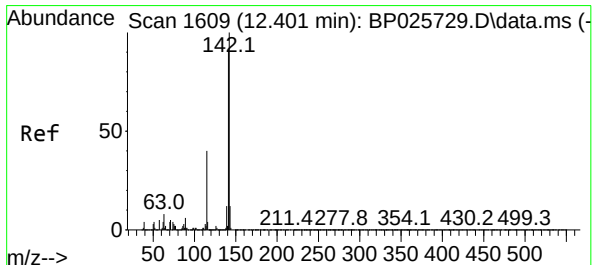
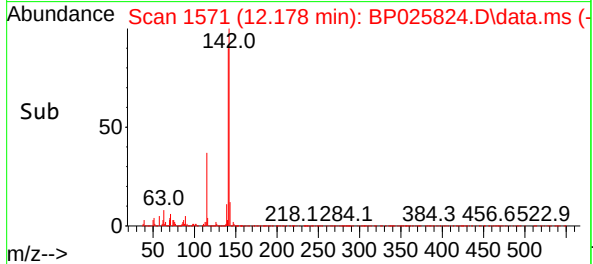
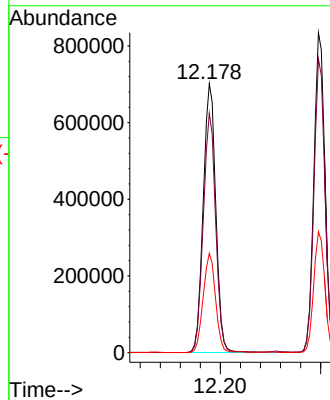
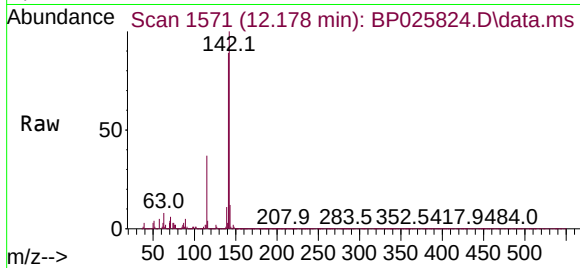




#37  
2-Methylnaphthalene  
Concen: 38.330 ng  
RT: 12.178 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

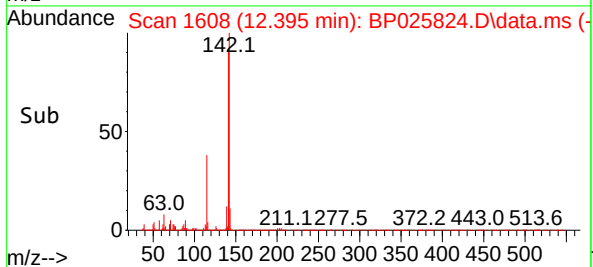
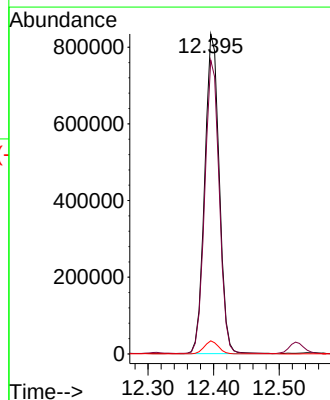
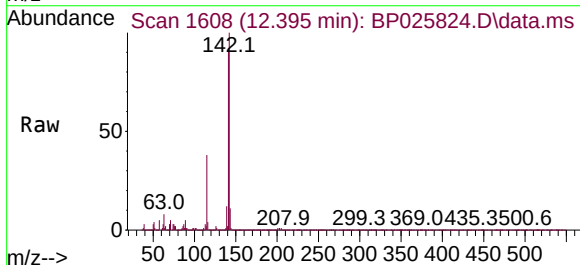
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

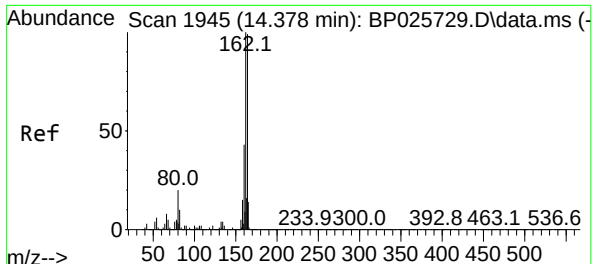
Tgt Ion:142 Resp: 1223450  
Ion Ratio Lower Upper  
142 100  
141 89.0 69.6 104.4  
115 36.9 30.0 45.0



#38  
1-Methylnaphthalene  
Concen: 37.509 ng  
RT: 12.395 min Scan# 1608  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:142 Resp: 1276709  
Ion Ratio Lower Upper  
142 100  
141 91.8 72.7 109.1  
116 4.1 3.5 5.3

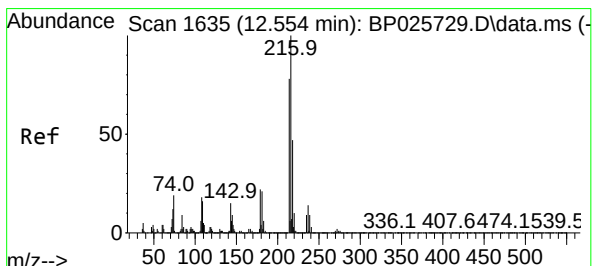
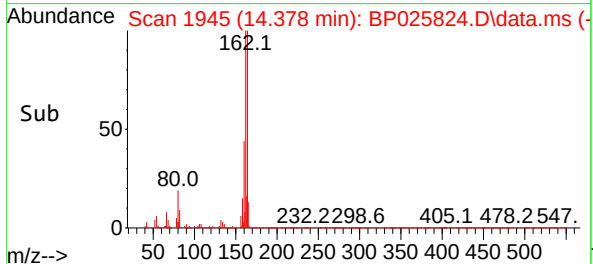
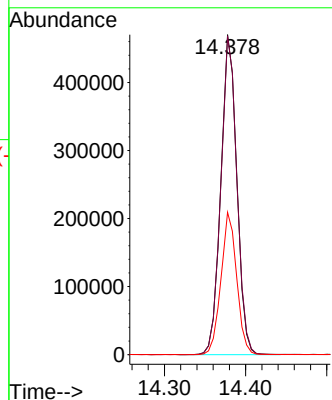
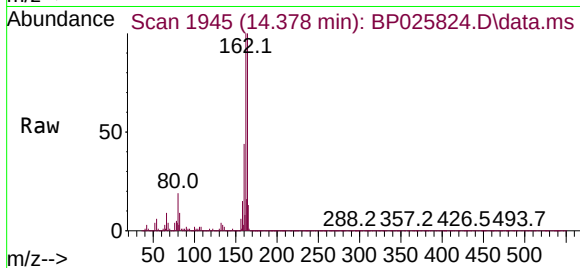




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.378 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

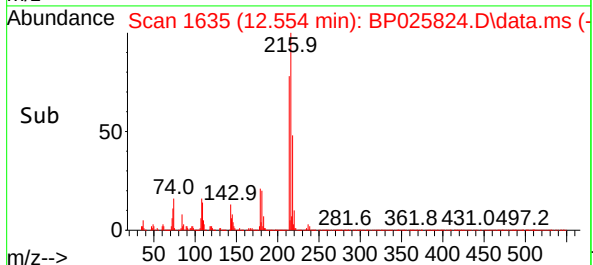
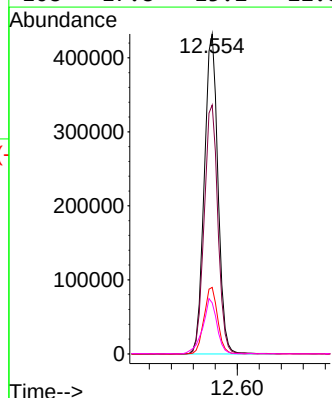
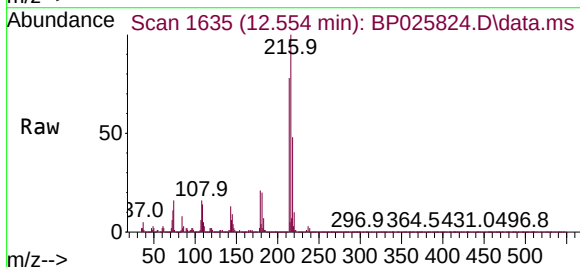
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

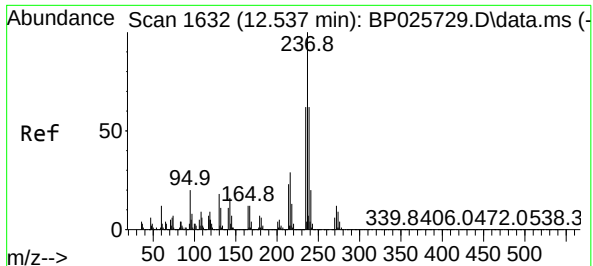
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.6  | 80.6  | 120.8 |
| 160     | 44.5  | 35.0  | 52.6  |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.311 ng  
RT: 12.554 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.3  | 62.4  | 93.6  |
| 179     | 20.8  | 17.0  | 25.6  |
| 108     | 17.8  | 15.2  | 22.8  |

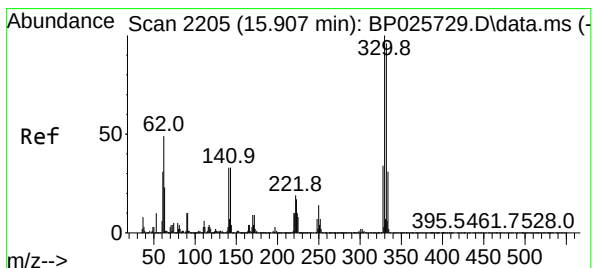
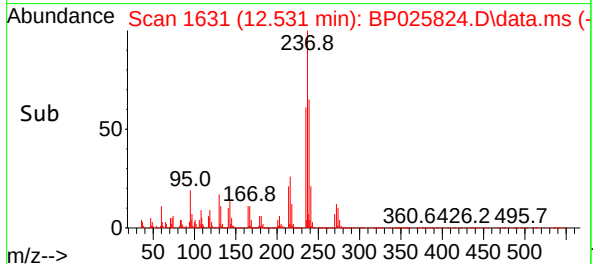
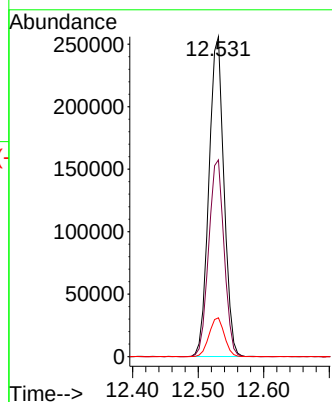
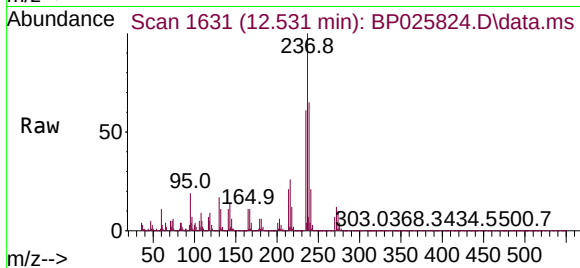




#41  
Hexachlorocyclopentadiene  
Concen: 38.502 ng  
RT: 12.531 min Scan# 1631  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

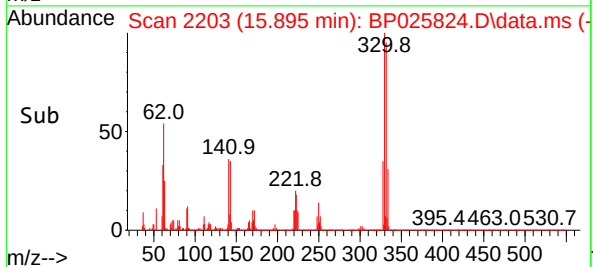
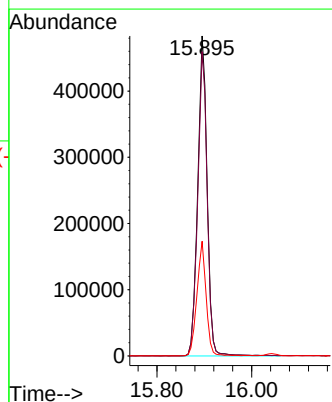
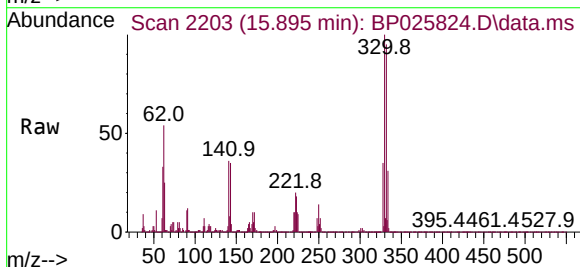
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

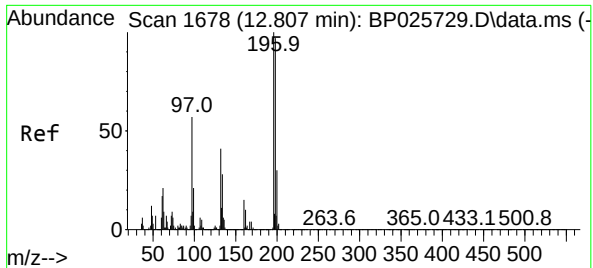
Tgt Ion:237 Resp: 406967  
Ion Ratio Lower Upper  
237 100  
235 61.5 41.9 81.9  
272 12.1 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 83.527 ng  
RT: 15.895 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:330 Resp: 667252  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.9 115.3  
141 35.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 39.984 ng

RT: 12.801 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

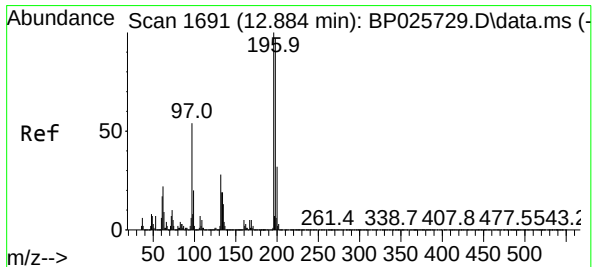
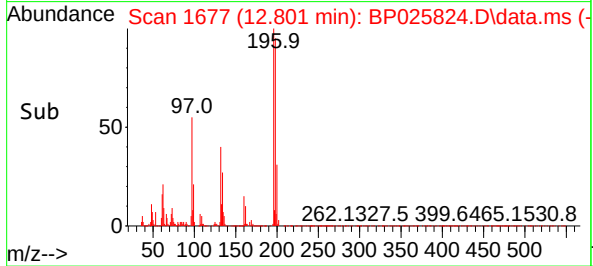
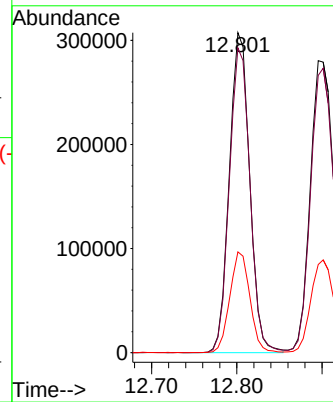
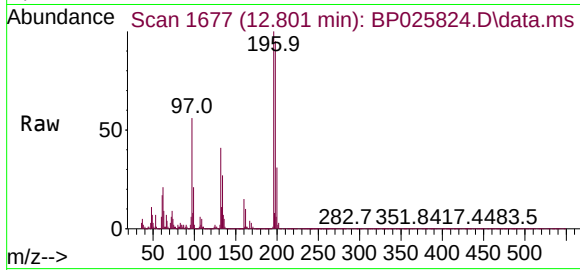
Tgt Ion:196 Resp: 510135

Ion Ratio Lower Upper

196 100

198 95.2 77.2 115.8

200 31.5 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 39.379 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Tgt Ion:196 Resp: 559153

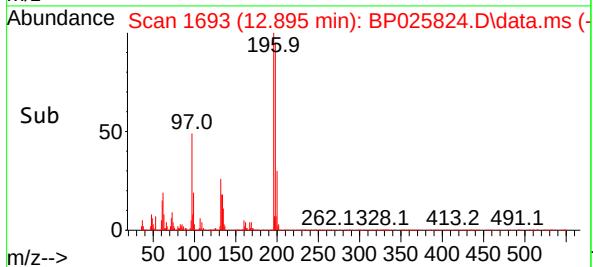
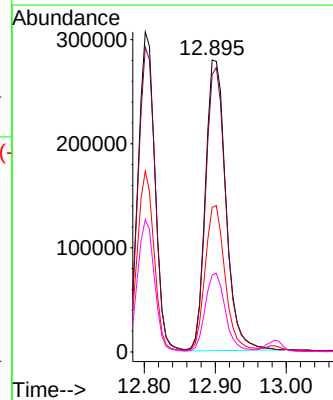
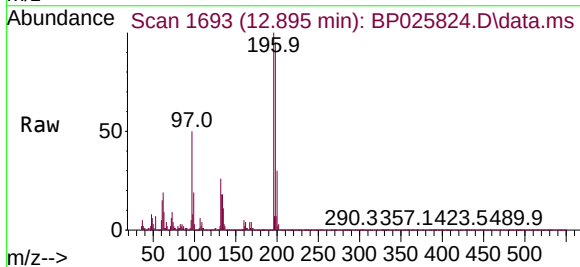
Ion Ratio Lower Upper

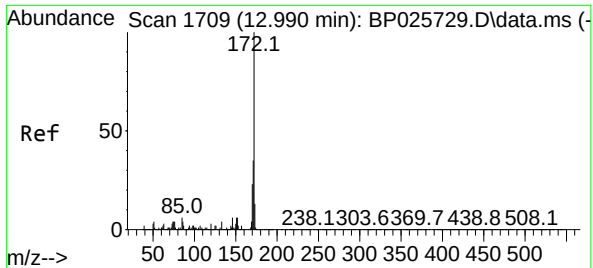
196 100

198 95.0 77.8 116.8

97 49.5 43.3 64.9

132 26.4 22.3 33.5

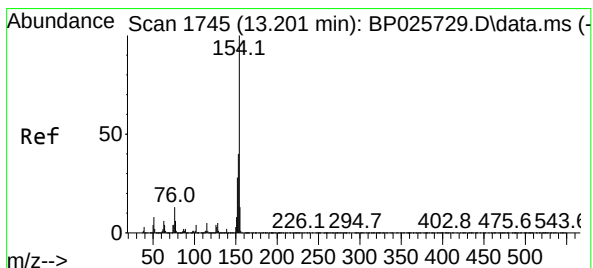
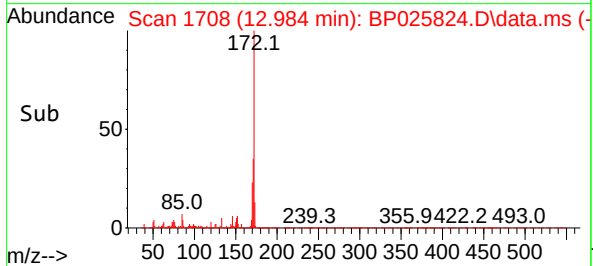
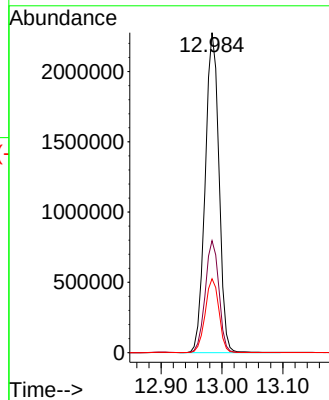
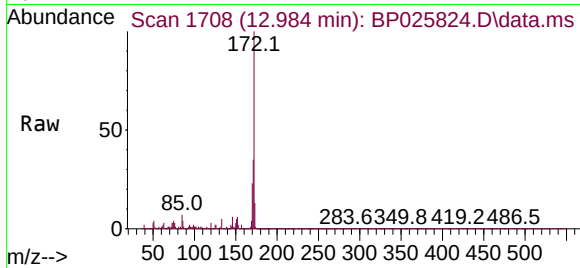




#45  
2-Fluorobiphenyl  
Concen: 74.336 ng  
RT: 12.984 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

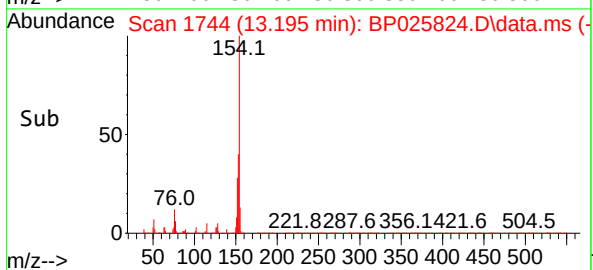
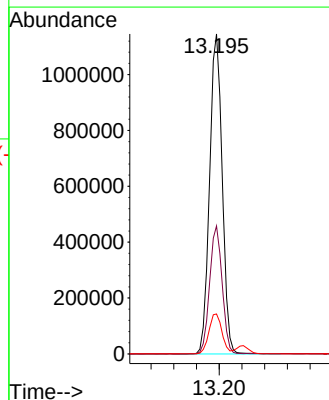
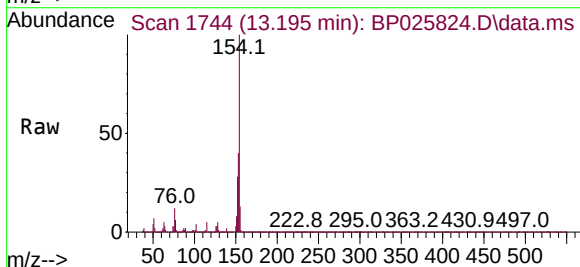
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

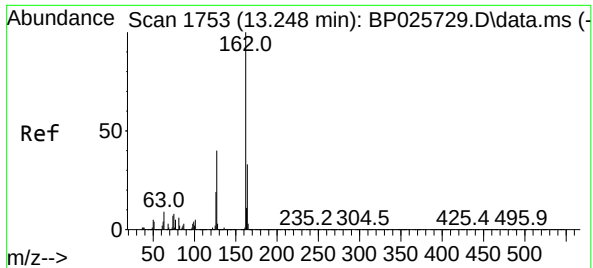
Tgt Ion:172 Resp: 3575606  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.6  
170 23.1 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 37.684 ng  
RT: 13.195 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:154 Resp: 1771502  
Ion Ratio Lower Upper  
154 100  
153 40.0 19.7 59.7  
76 12.5 0.0 33.3

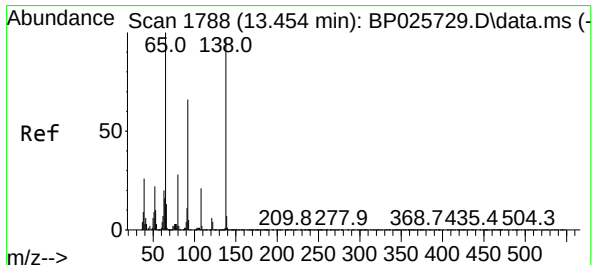
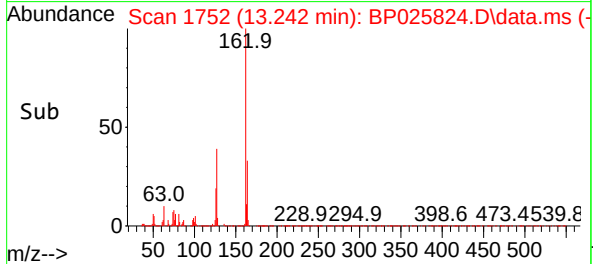
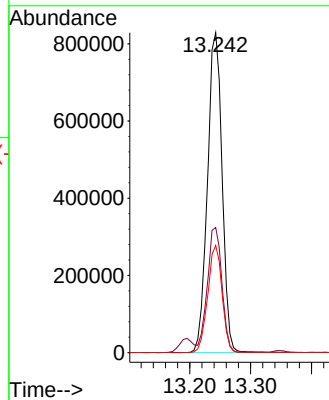
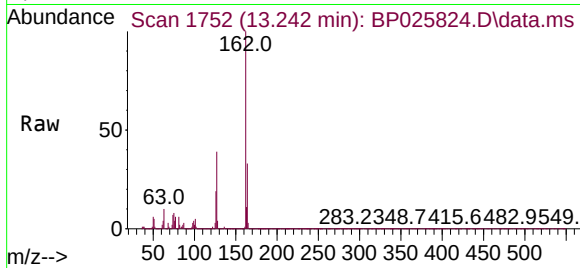




#47  
2-Chloronaphthalene  
Concen: 37.397 ng  
RT: 13.242 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

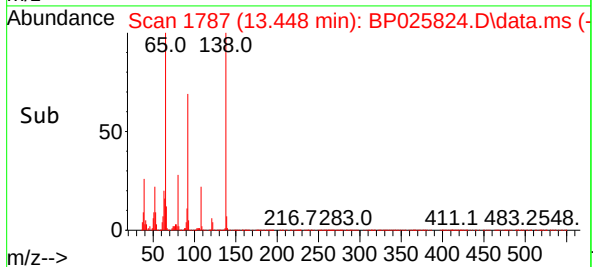
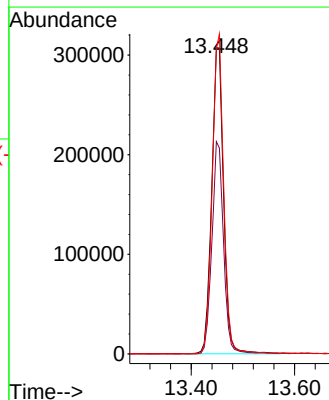
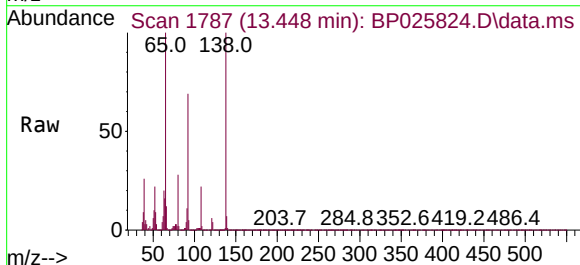
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

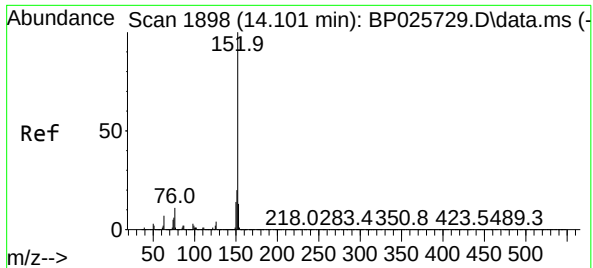
Tgt Ion:162 Resp: 1384278  
Ion Ratio Lower Upper  
162 100  
127 39.1 32.2 48.4  
164 33.5 26.5 39.7



#48  
2-Nitroaniline  
Concen: 39.780 ng  
RT: 13.448 min Scan# 1787  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 65 Resp: 490839  
Ion Ratio Lower Upper  
65 100  
92 69.3 53.1 79.7  
138 99.6 77.8 116.8

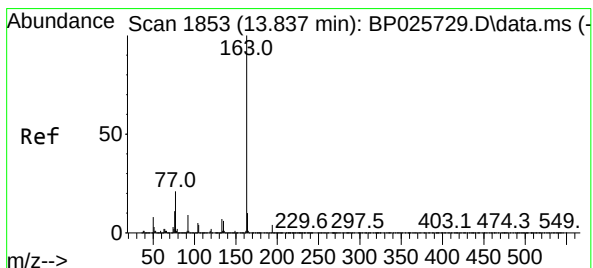
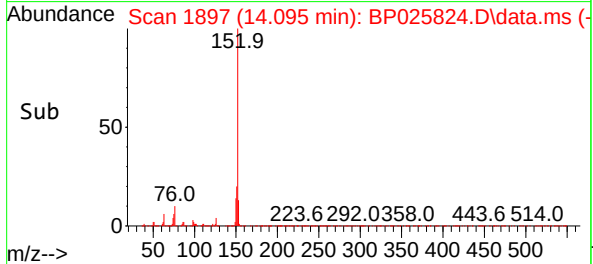
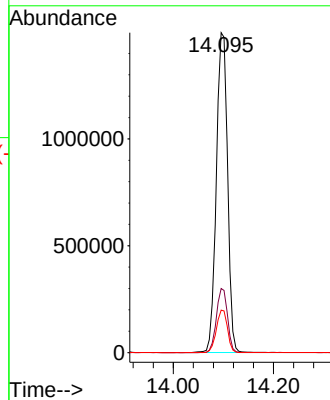
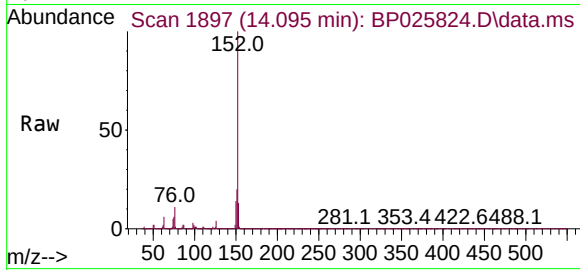




#49  
Acenaphthylene  
Concen: 37.860 ng  
RT: 14.095 min Scan# 1897  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

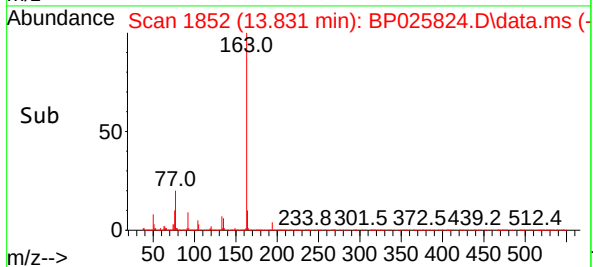
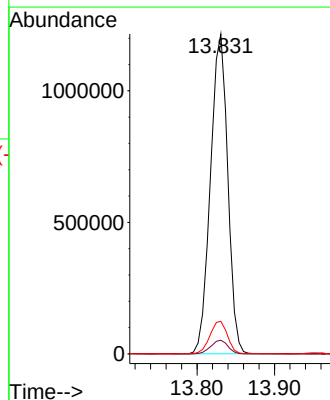
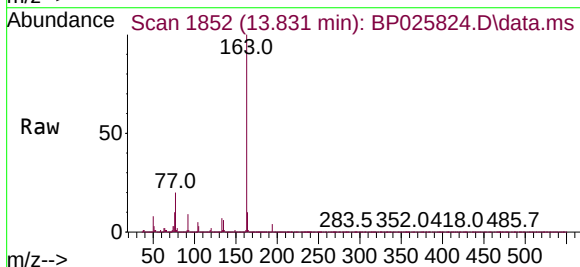
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

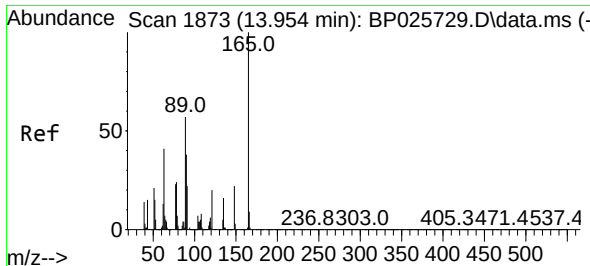
Tgt Ion:152 Resp: 2321959  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.8 23.6  
153 13.3 10.5 15.7



#50  
Dimethylphthalate  
Concen: 38.637 ng  
RT: 13.831 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:163 Resp: 1889211  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.4 5.2  
164 10.2 8.2 12.2

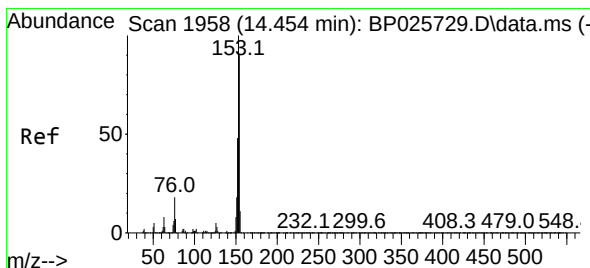
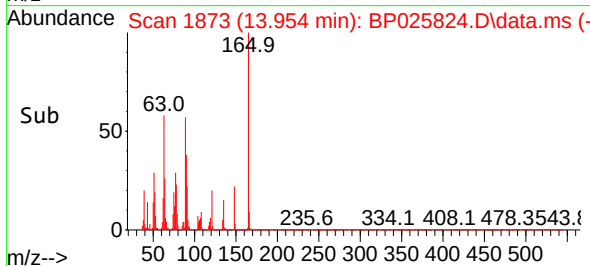
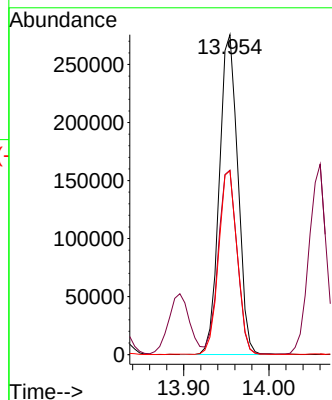
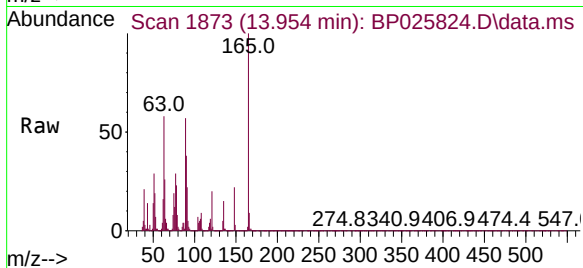




#51  
2,6-Dinitrotoluene  
Concen: 40.252 ng  
RT: 13.954 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

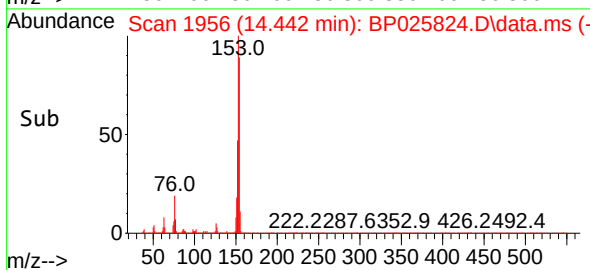
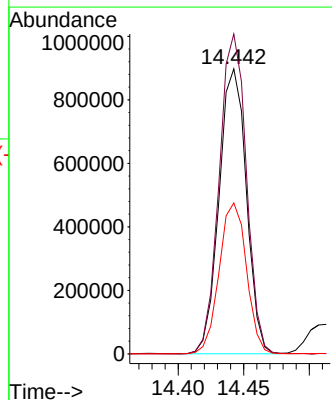
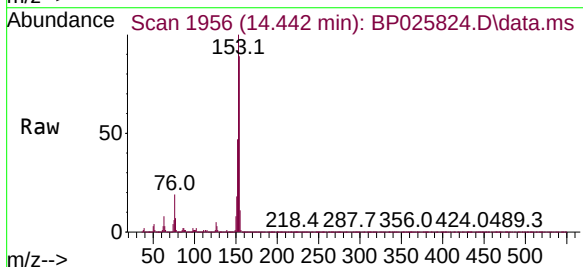
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 57.6  | 48.1  | 72.1  |
| 89      | 57.5  | 45.4  | 68.0  |

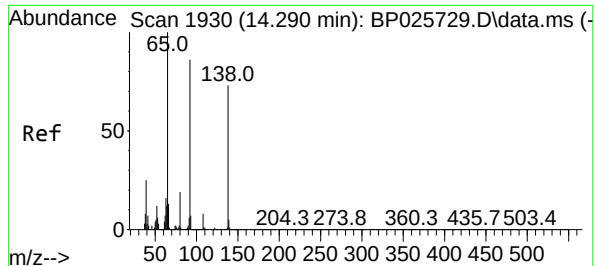


#52  
Acenaphthene  
Concen: 36.800 ng  
RT: 14.442 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.3 | 89.4  | 134.0 |
| 152     | 52.9  | 42.5  | 63.7  |







#53

3-Nitroaniline

Concen: 41.995 ng

RT: 14.290 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

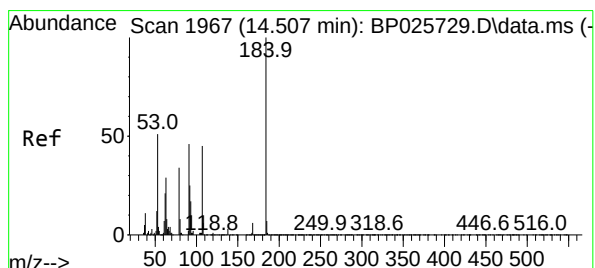
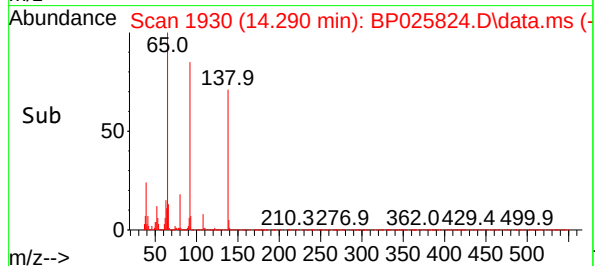
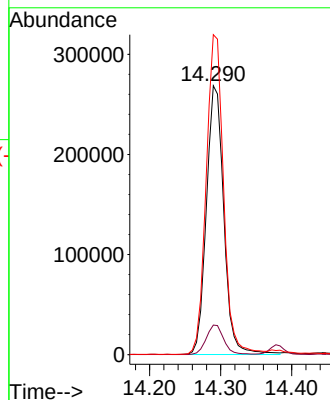
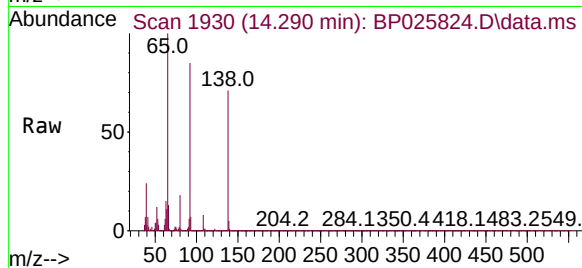
Tgt Ion:138 Resp: 457492

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

92 119.0 94.6 142.0



#54

2,4-Dinitrophenol

Concen: 42.899 ng

RT: 14.507 min Scan# 1967

Delta R.T. 0.000 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

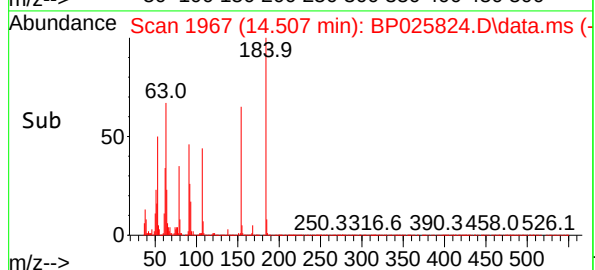
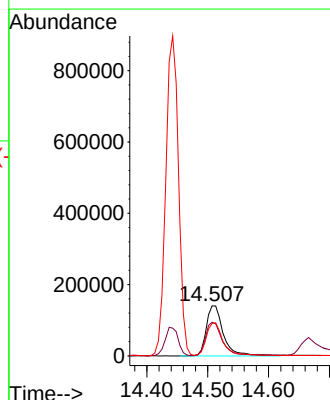
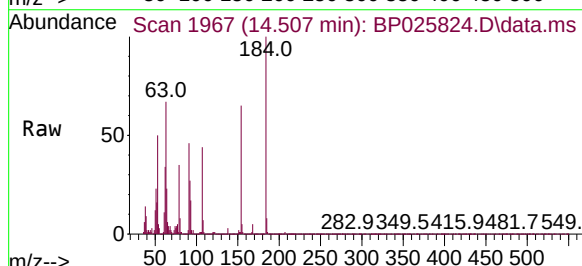
Tgt Ion:184 Resp: 272913

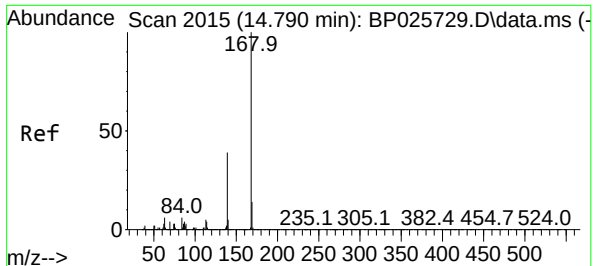
Ion Ratio Lower Upper

184 100

63 67.3 52.5 78.7

154 64.7 51.5 77.3

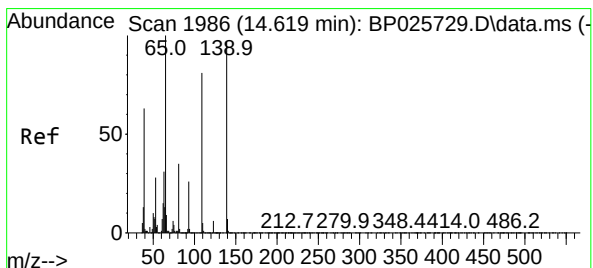
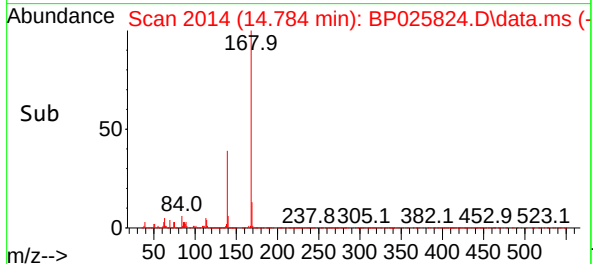
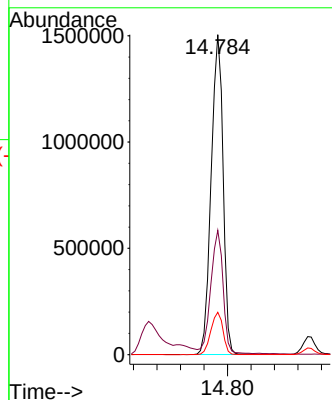
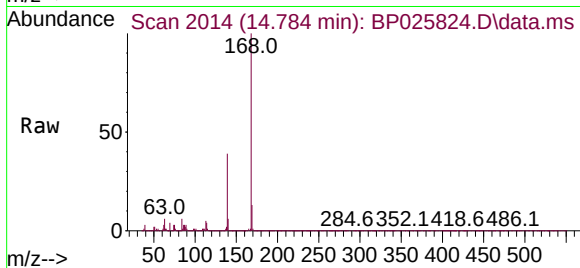




#55  
Dibenzenofuran  
Concen: 36.734 ng  
RT: 14.784 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

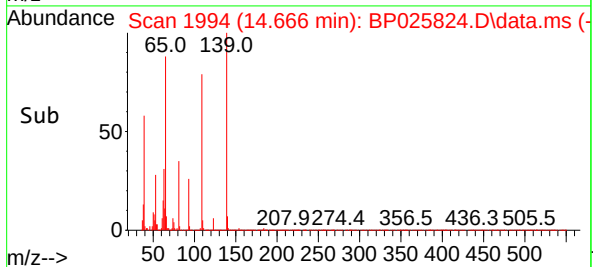
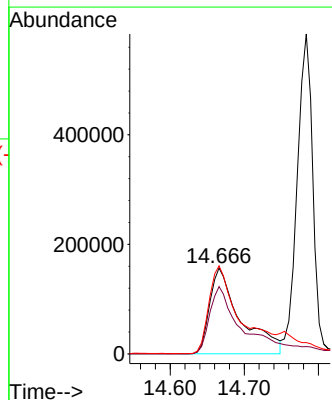
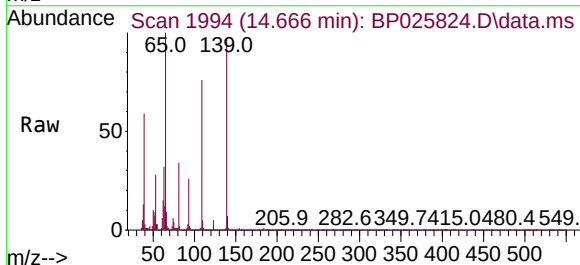
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

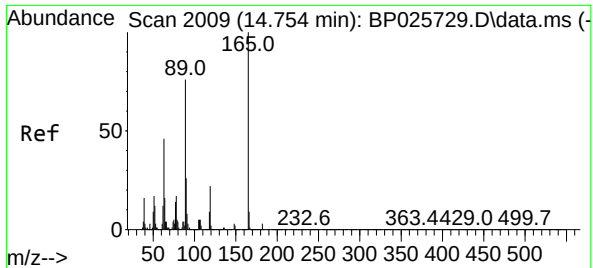
Tgt Ion:168 Resp: 2117510  
Ion Ratio Lower Upper  
168 100  
139 38.8 31.7 47.5  
169 13.2 10.8 16.2



#56  
4-Nitrophenol  
Concen: 50.134 ng  
RT: 14.666 min Scan# 1994  
Delta R.T. 0.047 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:139 Resp: 453699  
Ion Ratio Lower Upper  
139 100  
109 78.4 62.9 102.9  
65 102.7 83.4 123.4

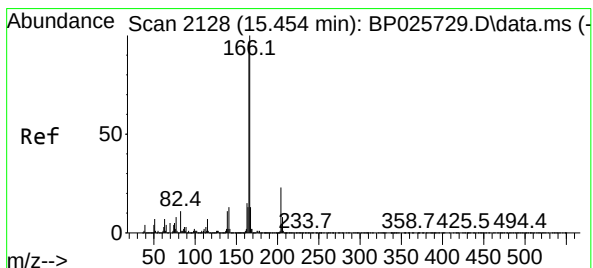
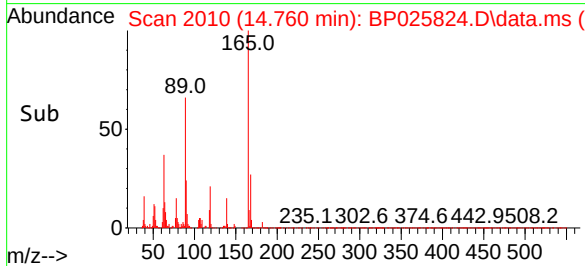
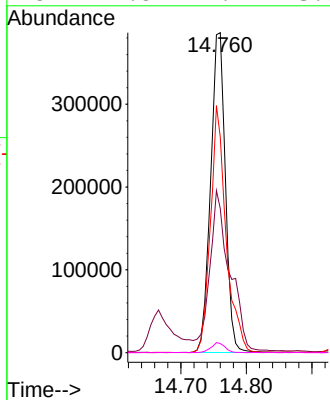
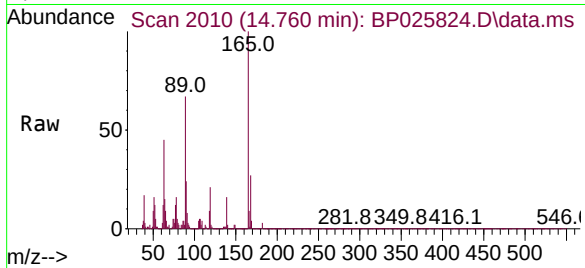




#57  
2,4-Dinitrotoluene  
Concen: 41.052 ng  
RT: 14.760 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

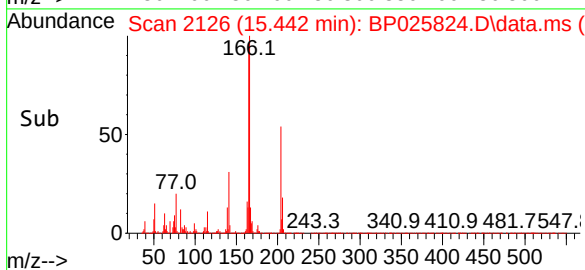
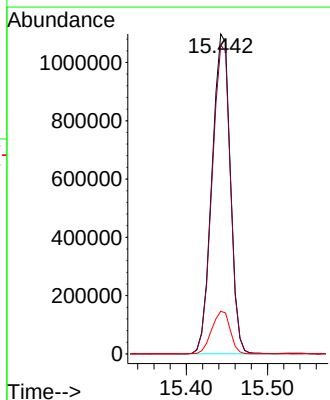
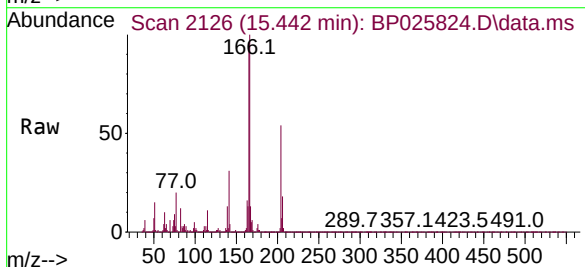
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

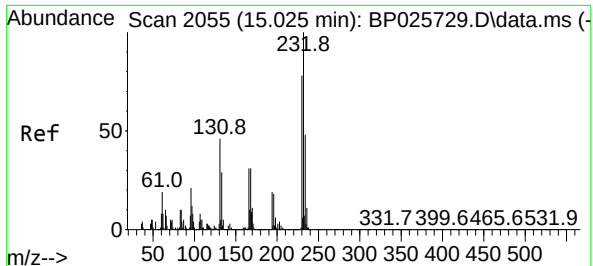
Tgt Ion:165 Resp: 605241  
Ion Ratio Lower Upper  
165 100  
63 45.0 37.7 56.5  
89 67.3 61.0 91.6  
182 2.8 2.4 3.6



#58  
Fluorene  
Concen: 37.577 ng  
RT: 15.442 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:166 Resp: 1722462  
Ion Ratio Lower Upper  
166 100  
165 96.4 77.7 116.5  
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.321 ng

RT: 15.025 min Scan# 2055

Delta R.T. -0.000 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 515744

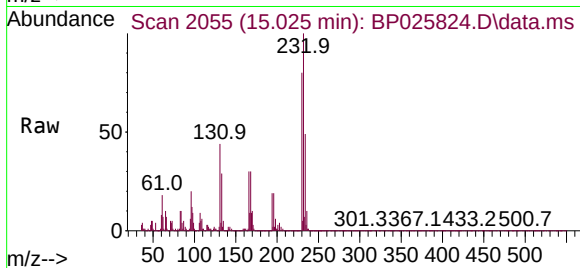
Ion Ratio Lower Upper

232 100

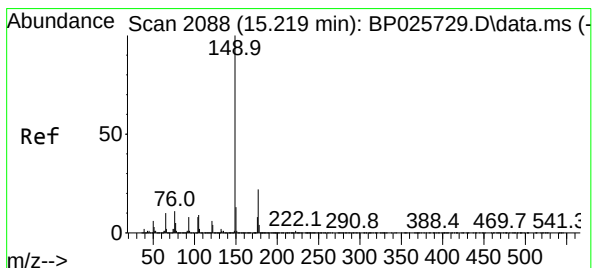
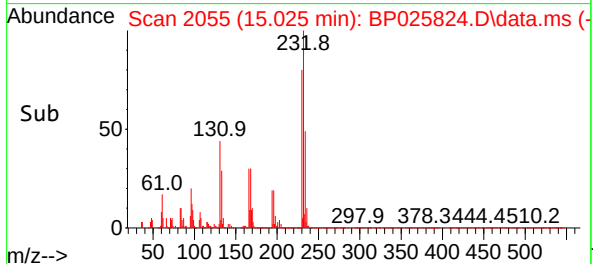
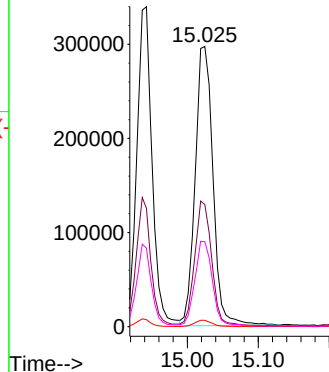
131 44.0 36.7 55.1

130 2.3 2.0 3.0

166 30.2 25.4 38.2



Abundance



#60

Diethylphthalate

Concen: 39.246 ng

RT: 15.207 min Scan# 2086

Delta R.T. -0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

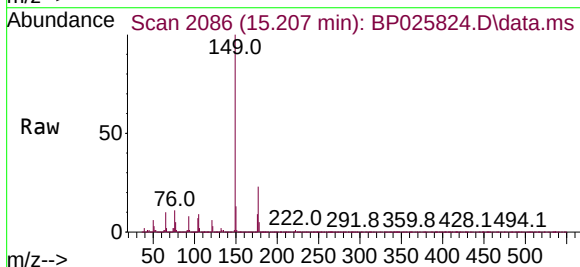
Tgt Ion:149 Resp: 1946579

Ion Ratio Lower Upper

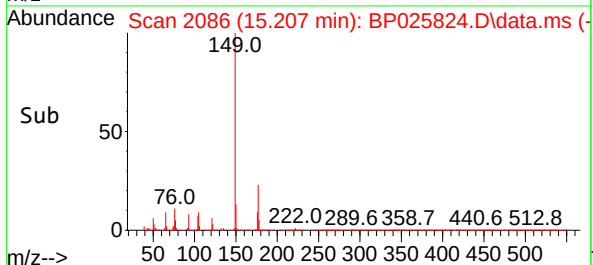
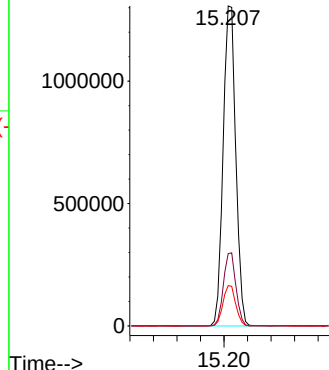
149 100

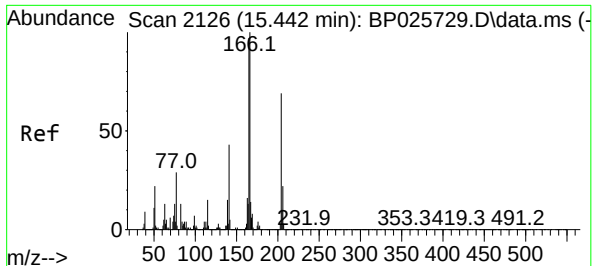
177 22.6 17.7 26.5

150 12.6 10.0 15.0



Abundance

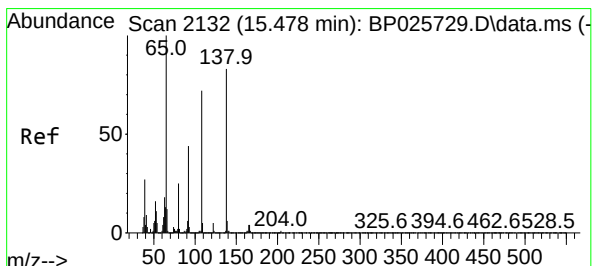
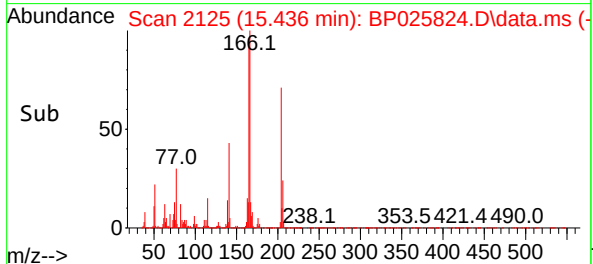
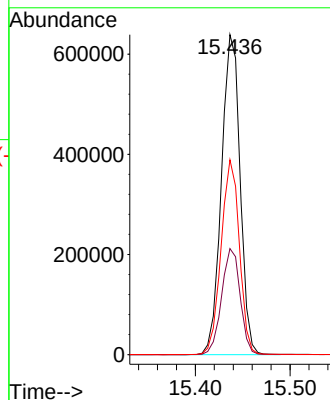
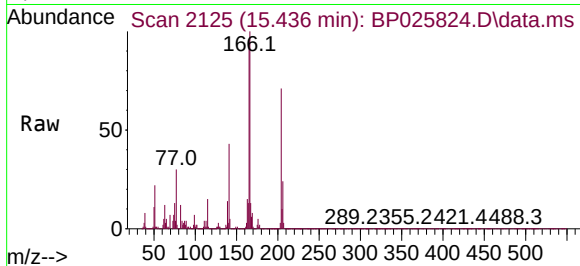




#61  
4-Chlorophenyl-phenylether  
Concen: 37.740 ng  
RT: 15.436 min Scan# 2125  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

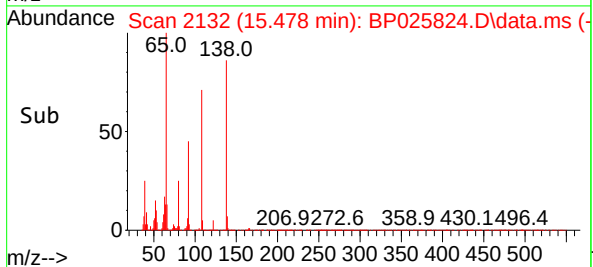
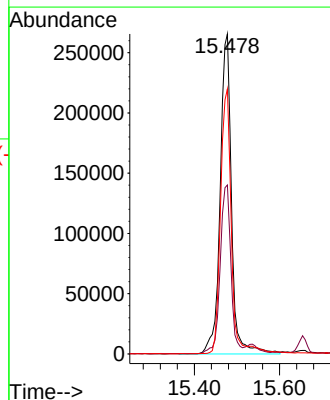
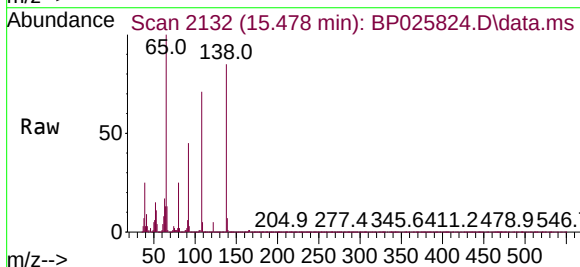
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

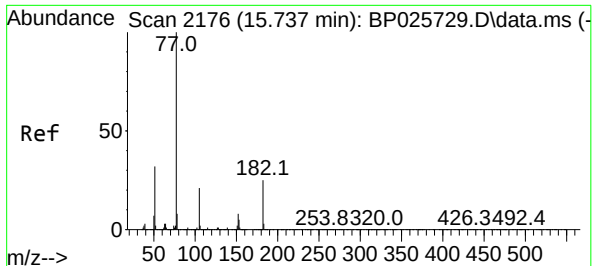
Tgt Ion:204 Resp: 871831  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.0 39.0  
141 60.9 49.7 74.5



#62  
4-Nitroaniline  
Concen: 44.052 ng  
RT: 15.478 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:138 Resp: 491635  
Ion Ratio Lower Upper  
138 100  
92 52.8 33.3 73.3  
108 82.8 66.7 106.7

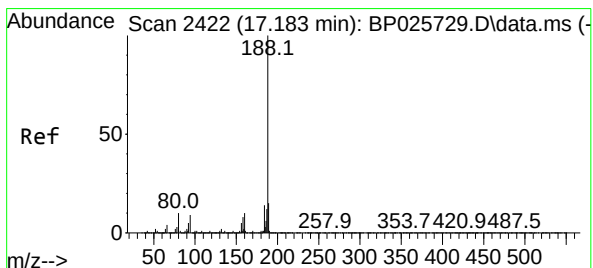
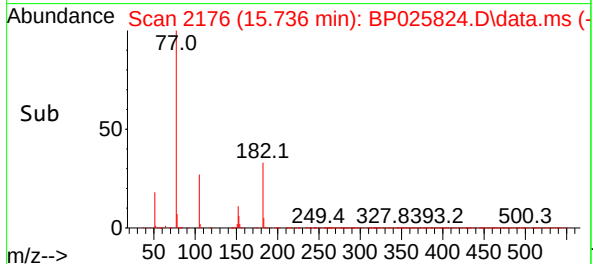
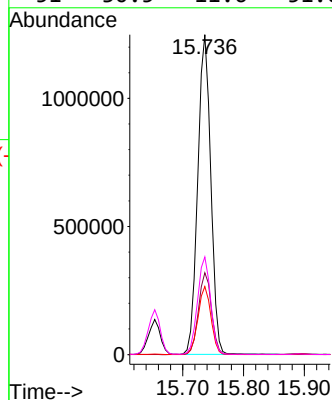
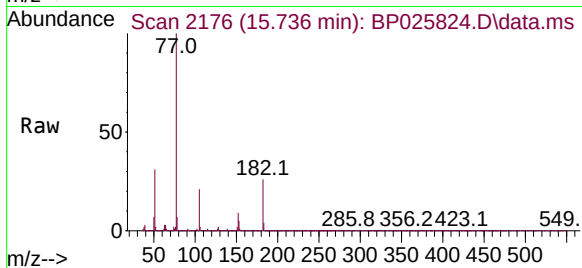




#63  
Azobenzene  
Concen: 38.641 ng  
RT: 15.736 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

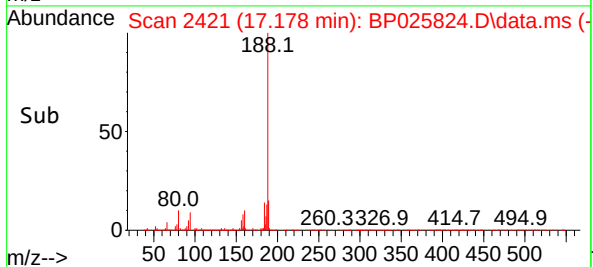
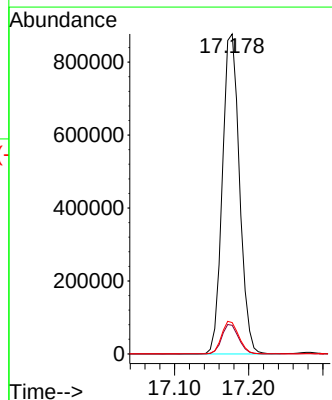
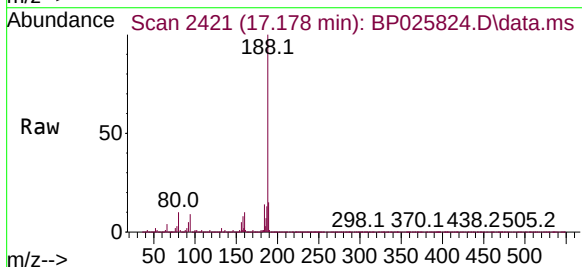
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

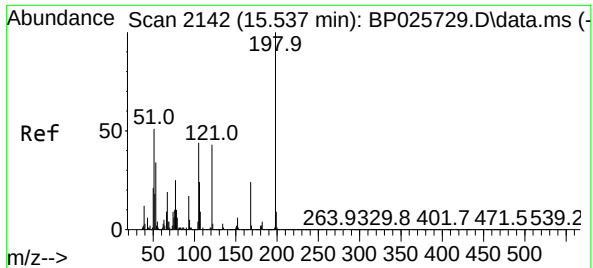
Tgt Ion: 77 Resp: 1853147  
Ion Ratio Lower Upper  
77 100  
182 25.6 5.2 45.2  
105 21.3 1.1 41.1  
51 30.5 11.6 51.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.178 min Scan# 2421  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion: 188 Resp: 1402357  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.4 11.0  
80 9.8 7.7 11.5

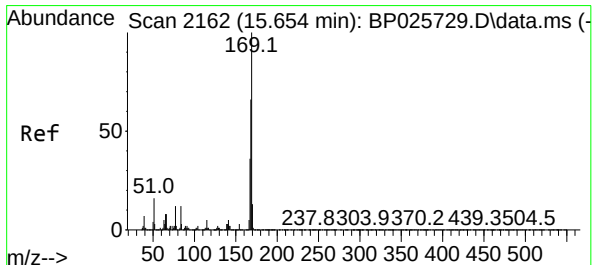
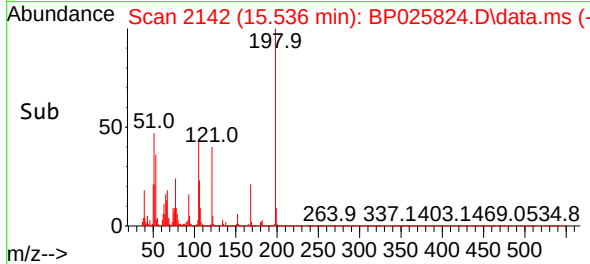
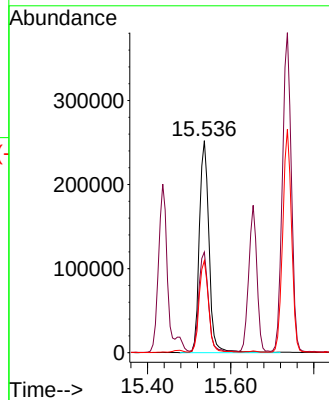
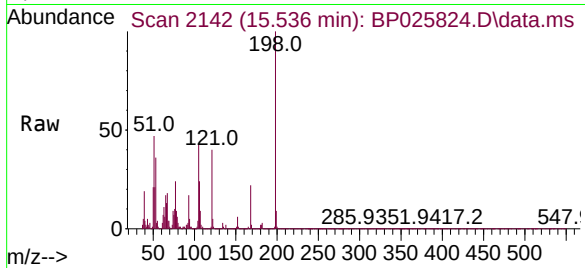




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.387 ng  
RT: 15.536 min Scan# 2142  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

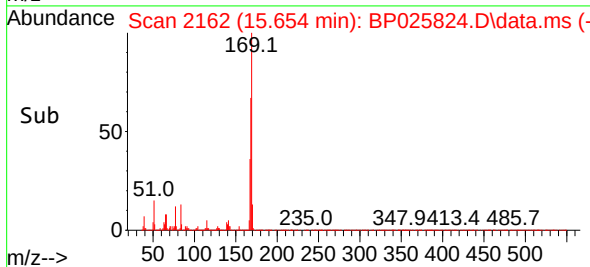
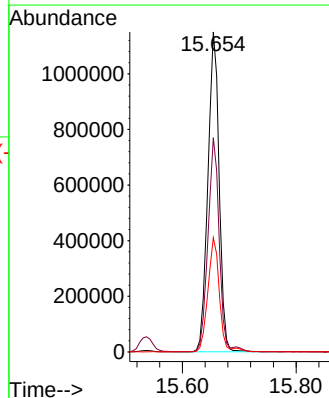
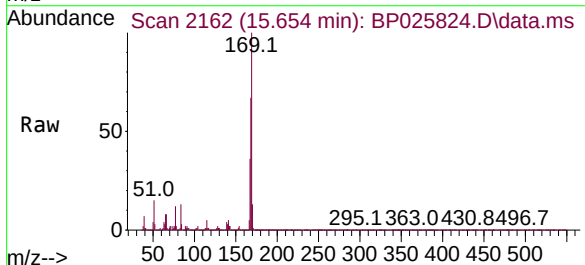
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

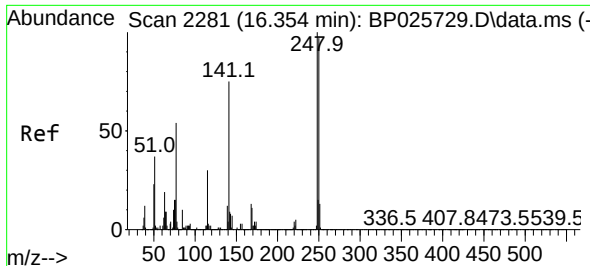
Tgt Ion:198 Resp: 404632  
Ion Ratio Lower Upper  
198 100  
51 47.5 33.4 73.4  
105 43.4 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 36.952 ng  
RT: 15.654 min Scan# 2162  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:169 Resp: 1585806  
Ion Ratio Lower Upper  
169 100  
168 66.9 52.6 78.8  
167 35.7 28.5 42.7

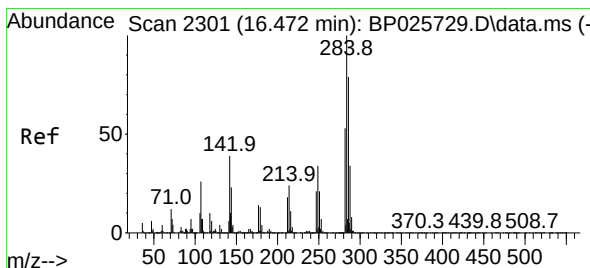
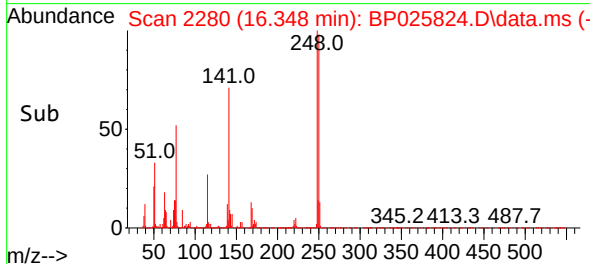
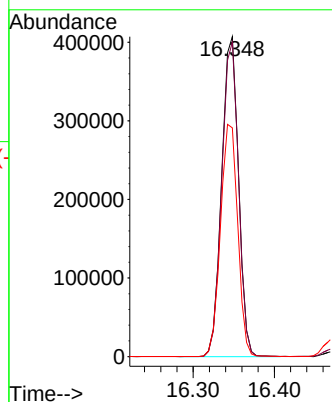
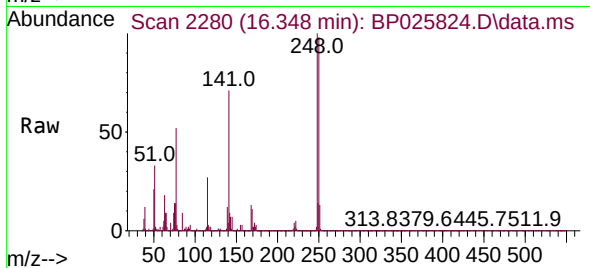




#67  
4-Bromophenyl-phenylether  
Concen: 37.943 ng  
RT: 16.348 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

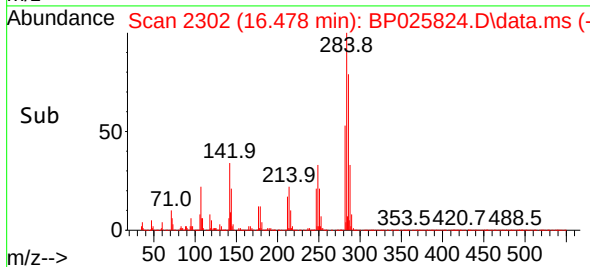
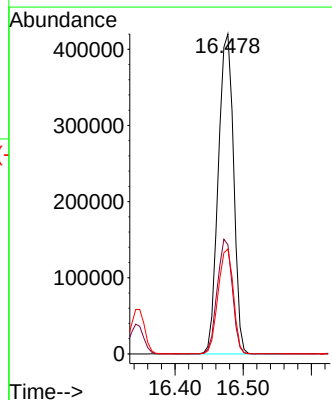
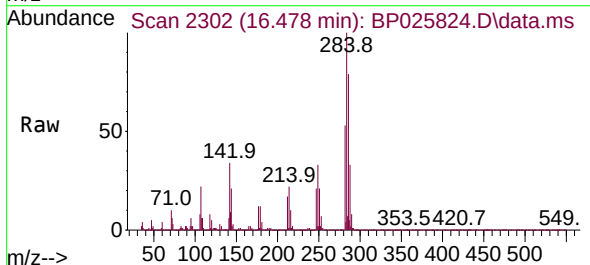
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 584559  
Ion Ratio Lower Upper  
248 100  
250 98.3 77.5 116.3  
141 71.5 60.2 90.4

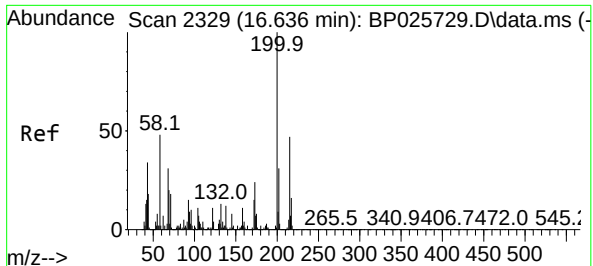


#68  
Hexachlorobenzene  
Concen: 37.896 ng  
RT: 16.478 min Scan# 2302  
Delta R.T. 0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:284 Resp: 651073  
Ion Ratio Lower Upper  
284 100  
142 34.1 31.3 46.9  
249 32.8 27.3 40.9



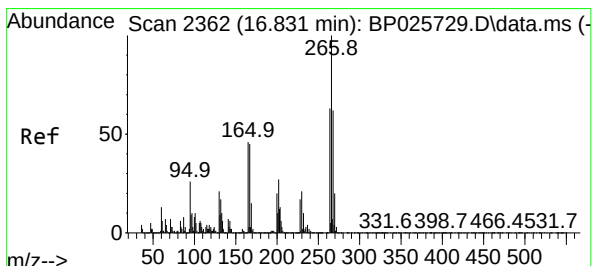
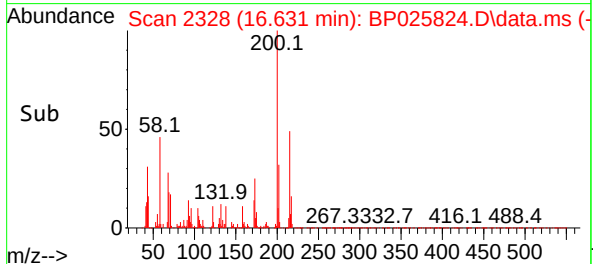
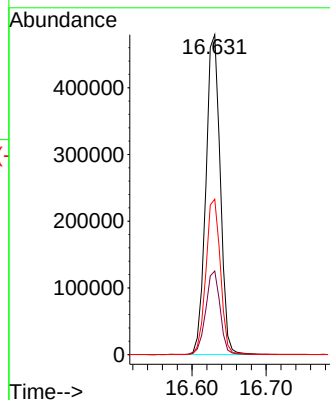
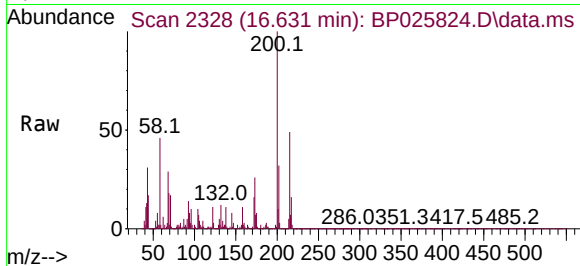




#69  
Atrazine  
Concen: 39.320 ng  
RT: 16.631 min Scan# 2328  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

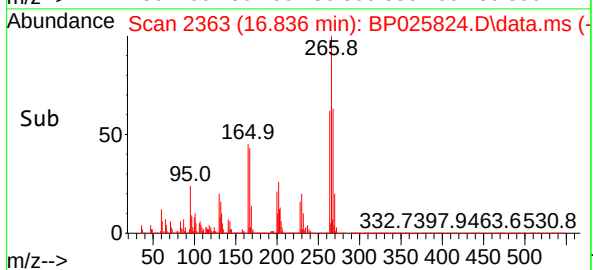
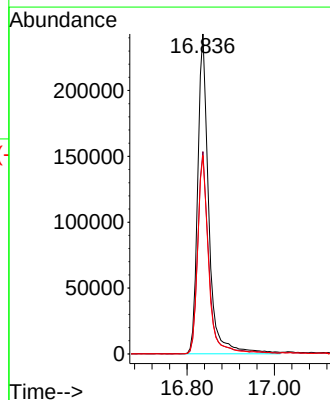
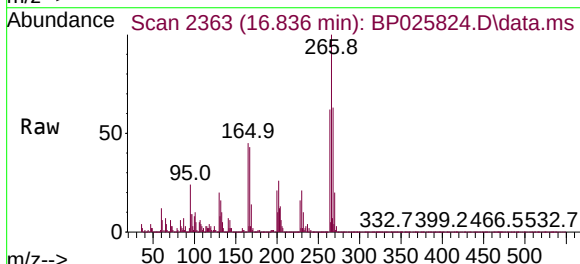
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

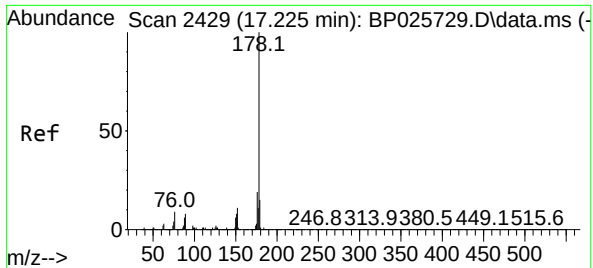
Tgt Ion:200 Resp: 645026  
Ion Ratio Lower Upper  
200 100  
173 26.1 4.2 44.2  
215 48.6 27.3 67.3



#70  
Pentachlorophenol  
Concen: 37.435 ng  
RT: 16.836 min Scan# 2363  
Delta R.T. 0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:266 Resp: 424480  
Ion Ratio Lower Upper  
266 100  
268 63.2 49.8 74.8  
264 62.0 50.2 75.2

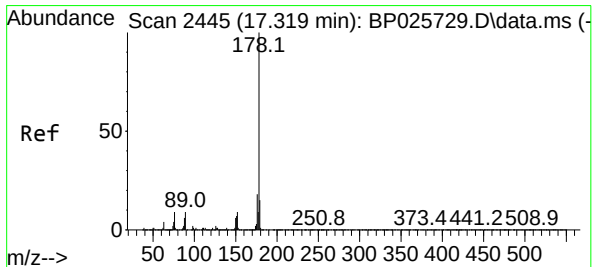
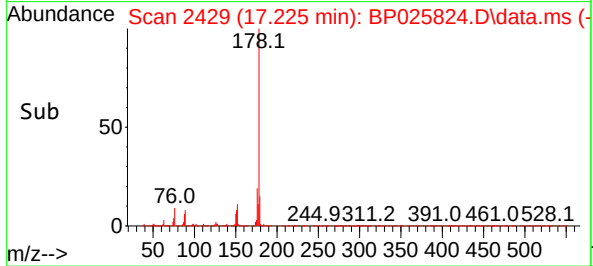
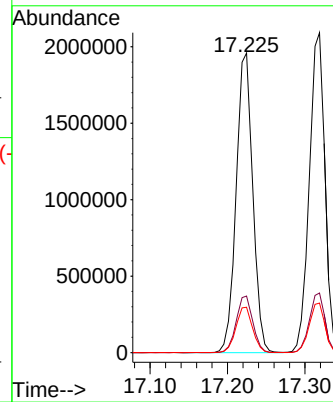
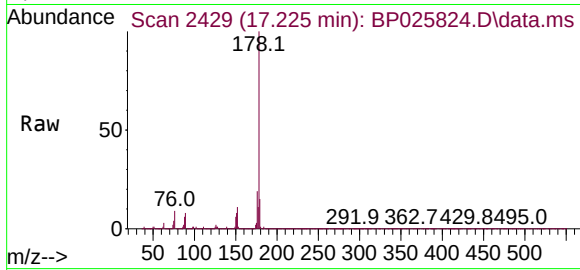




#71  
Phenanthrene  
Concen: 36.676 ng  
RT: 17.225 min Scan# 2429  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

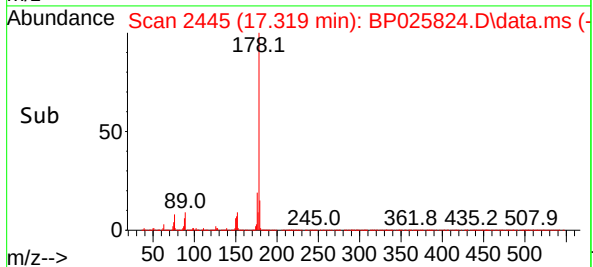
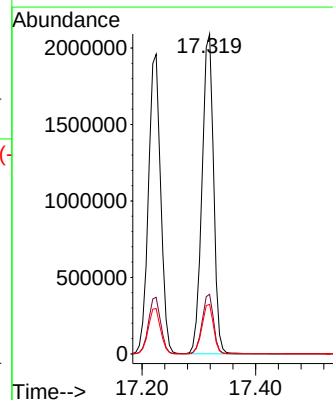
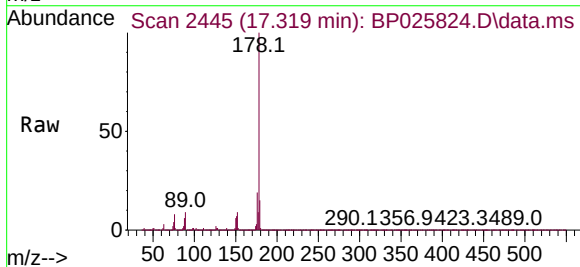
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

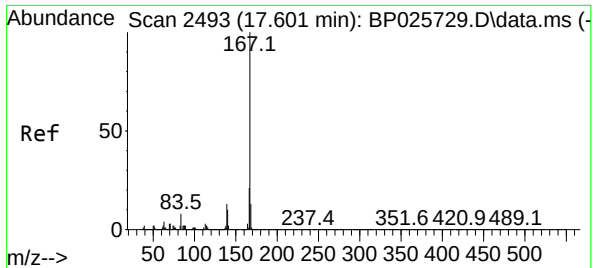
Tgt Ion:178 Resp: 2917571  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.2  
179 15.1 12.2 18.4



#72  
Anthracene  
Concen: 36.387 ng  
RT: 17.319 min Scan# 2445  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:178 Resp: 2936929  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.8 22.2  
179 15.5 12.2 18.4

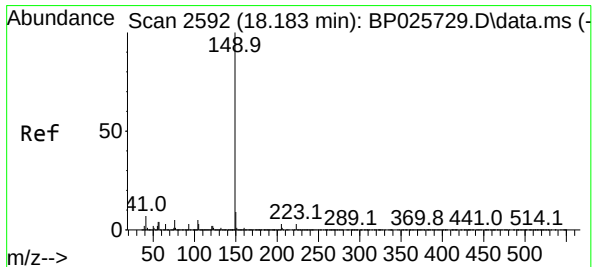
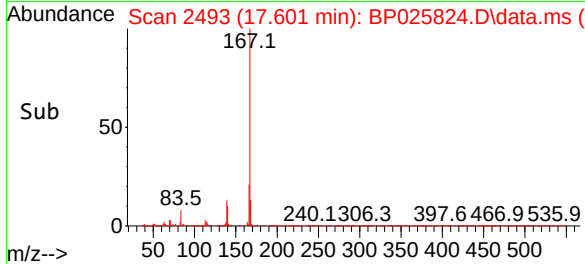
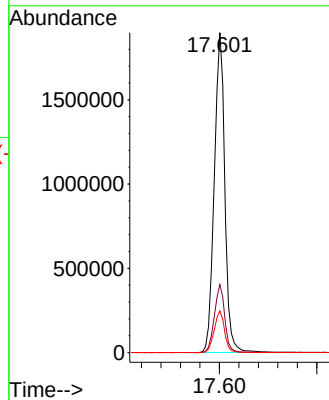
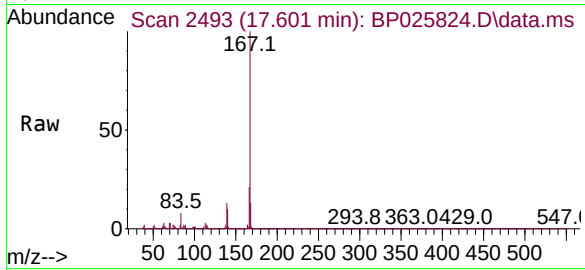




#73  
 Carbazole  
 Concen: 38.183 ng  
 RT: 17.601 min Scan# 2493  
 Delta R.T. -0.000 min  
 Lab File: BP025824.D  
 Acq: 23 Sep 2025 11:03

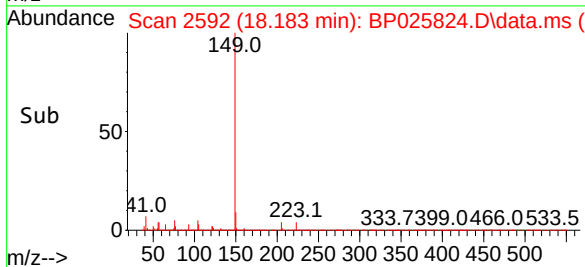
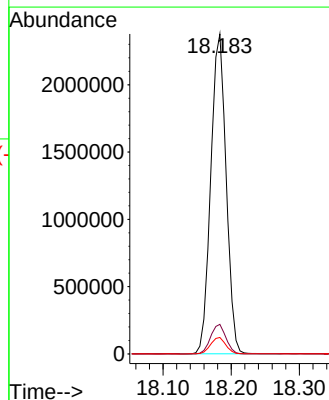
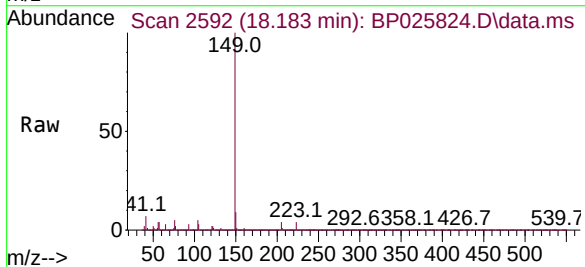
Instrument :  
 BNA\_P  
 ClientSampleId :  
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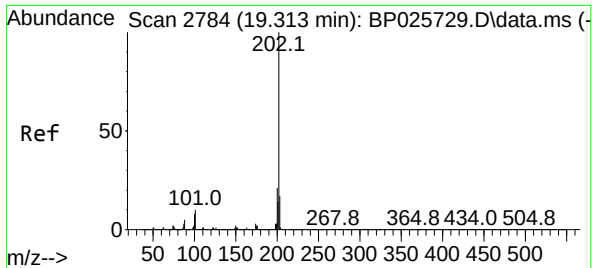
Tgt Ion:167 Resp: 2865218  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.0 25.4  
 139 13.0 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 40.416 ng  
 RT: 18.183 min Scan# 2592  
 Delta R.T. -0.000 min  
 Lab File: BP025824.D  
 Acq: 23 Sep 2025 11:03

Tgt Ion:149 Resp: 3721772  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.1 4.3 6.5

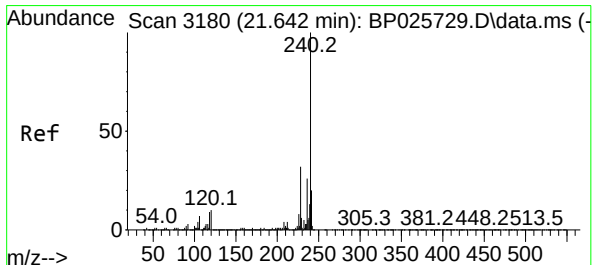
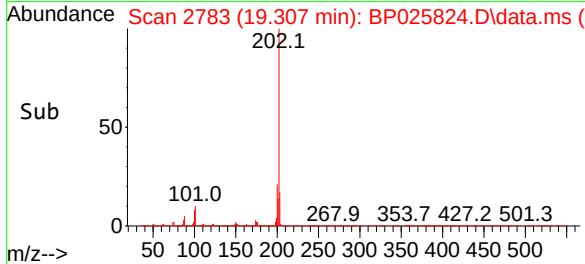
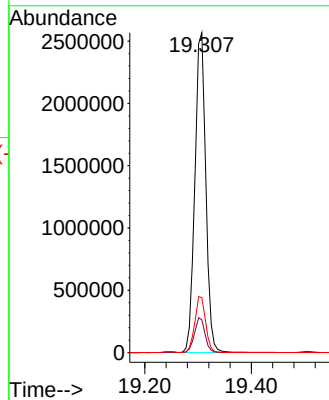
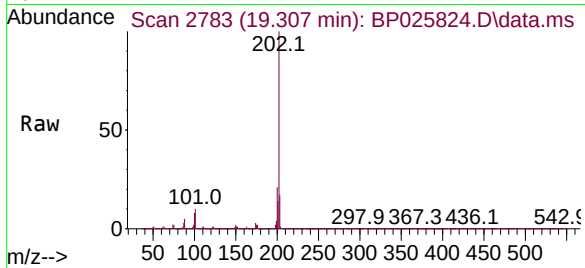




#75  
Fluoranthene  
Concen: 38.336 ng  
RT: 19.307 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

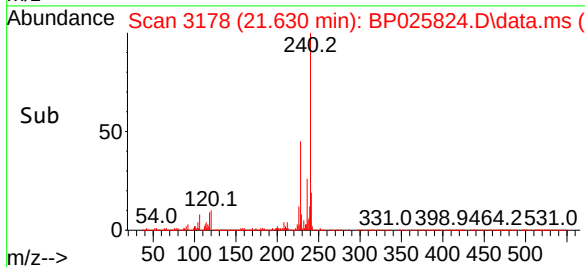
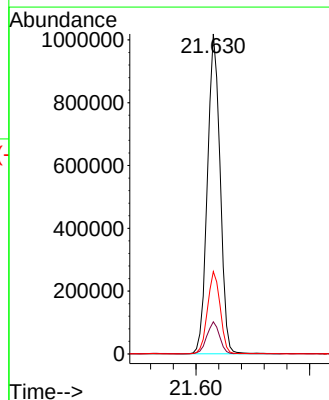
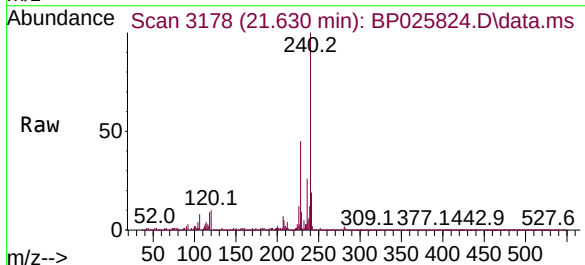
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

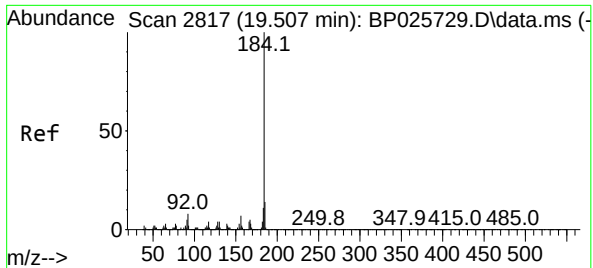
Tgt Ion:202 Resp: 3657440  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 30.4  
203 17.2 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.630 min Scan# 3178  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:240 Resp: 1584555  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.0 12.0  
236 25.7 20.7 31.1

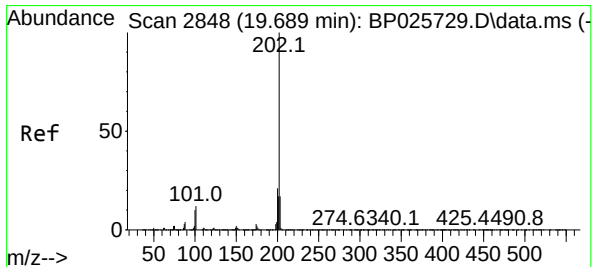
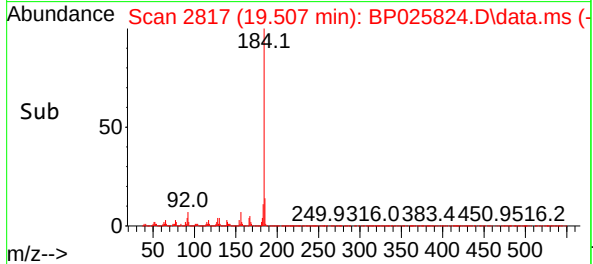
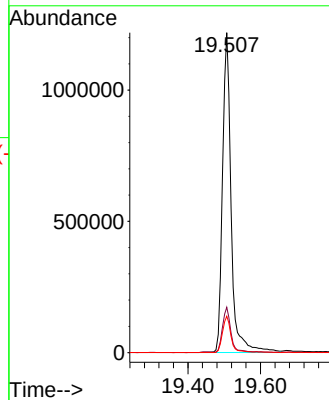
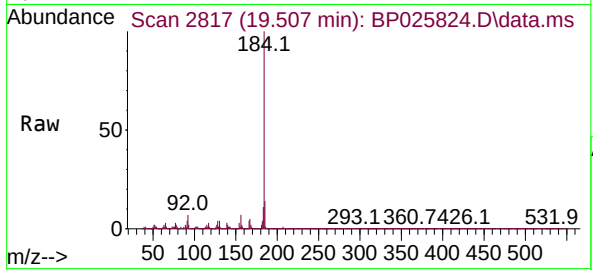




#77  
Benzidine  
Concen: 44.326 ng  
RT: 19.507 min Scan# 2817  
Delta R.T. -0.000 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

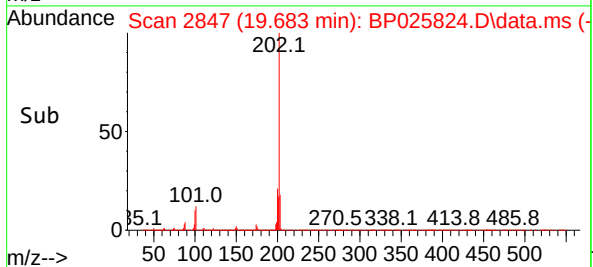
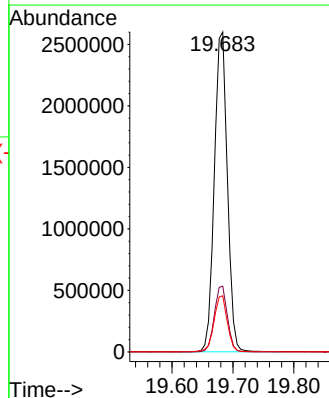
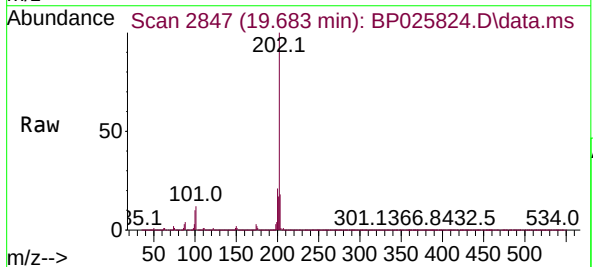
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

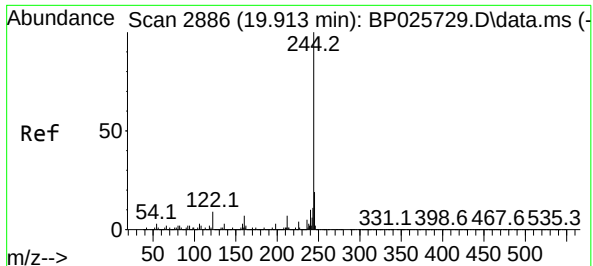
Tgt Ion:184 Resp: 2023181  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.4 9.2 13.8



#78  
Pyrene  
Concen: 36.596 ng  
RT: 19.683 min Scan# 2847  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:202 Resp: 3869246  
Ion Ratio Lower Upper  
202 100  
200 20.5 17.0 25.6  
203 17.5 13.9 20.9

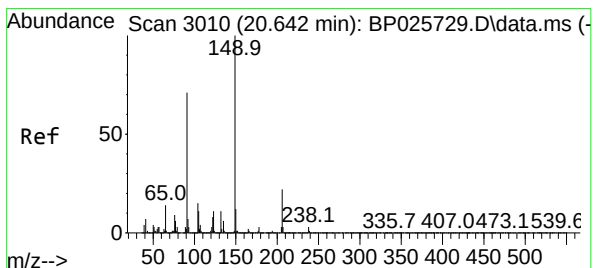
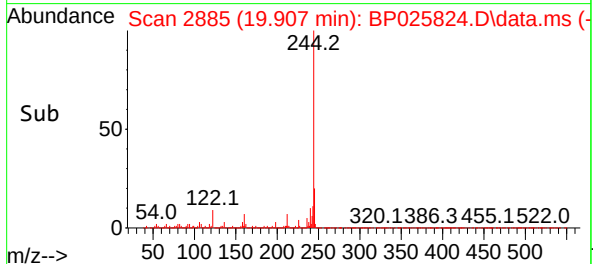
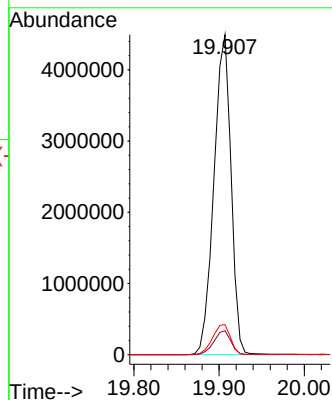
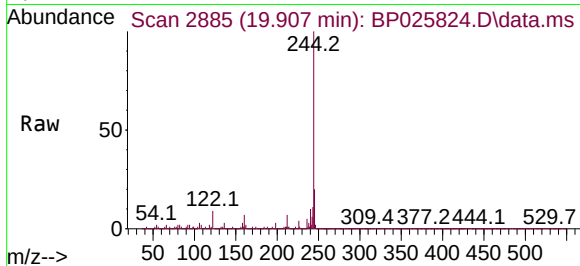




#79  
Terphenyl-d14  
Concen: 71.090 ng  
RT: 19.907 min Scan# 2885  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

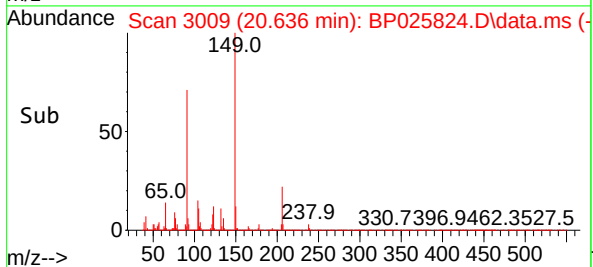
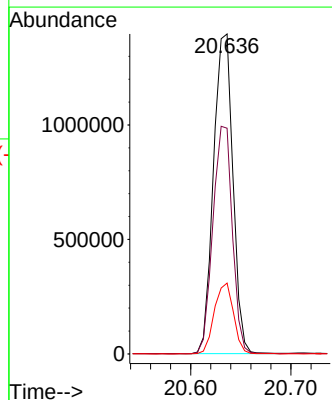
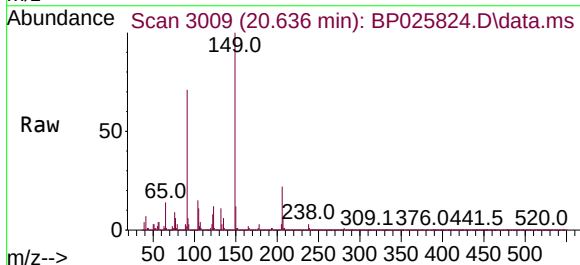
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

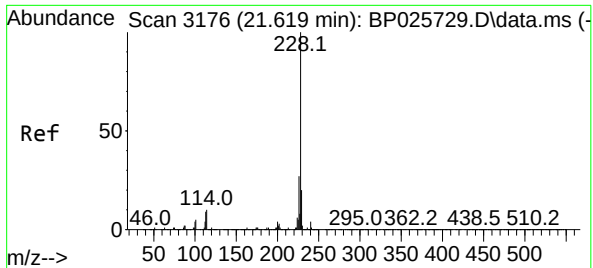
Tgt Ion:244 Resp: 6261661  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.9 8.9  
122 9.4 7.1 10.7



#80  
Butylbenzylphthalate  
Concen: 40.653 ng  
RT: 20.636 min Scan# 3009  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:149 Resp: 1884621  
Ion Ratio Lower Upper  
149 100  
91 70.5 56.6 85.0  
206 22.2 17.4 26.0

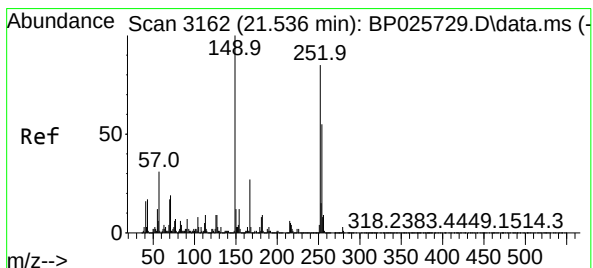
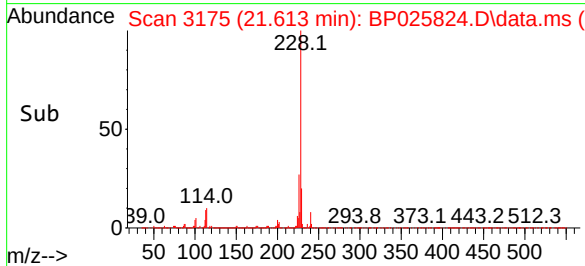
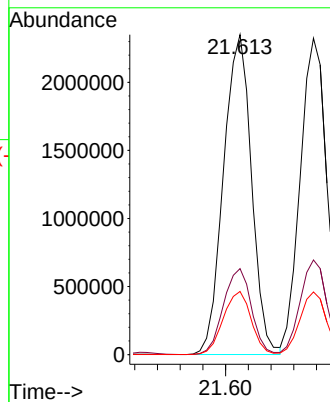
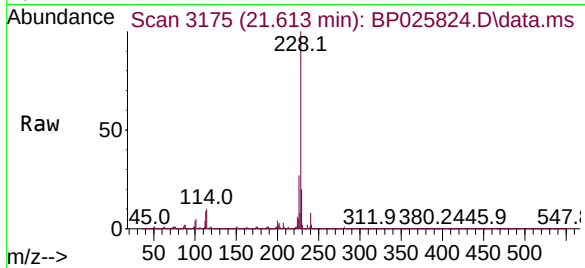




#81  
Benzo(a)anthracene  
Concen: 37.160 ng  
RT: 21.613 min Scan# 3176  
Delta R.T. -0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

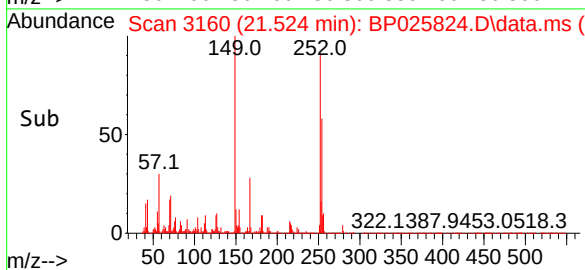
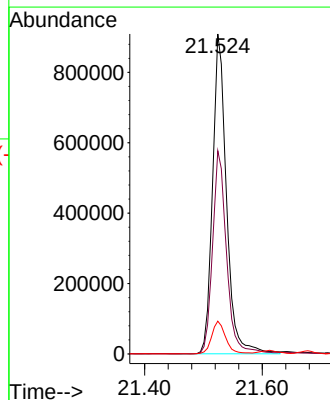
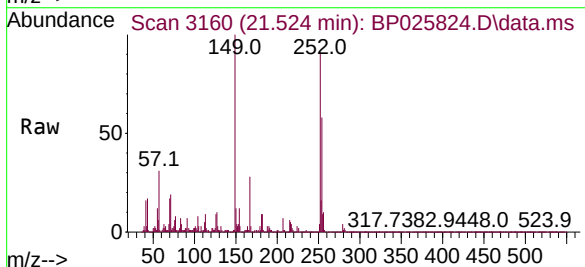
Instrument :  
BNA\_P  
ClientSampleId :  
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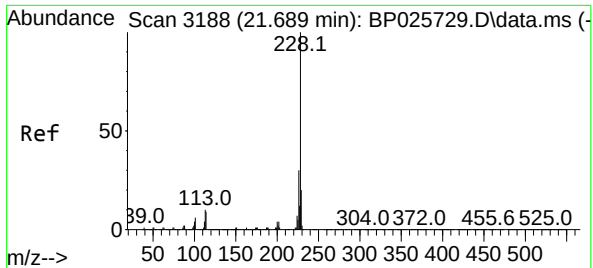
Tgt Ion:228 Resp: 4031152  
Ion Ratio Lower Upper  
228 100  
226 26.9 21.6 32.4  
229 19.7 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 39.775 ng  
RT: 21.524 min Scan# 3160  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:252 Resp: 1491956  
Ion Ratio Lower Upper  
252 100  
254 63.5 51.4 77.0  
126 10.2 8.3 12.5

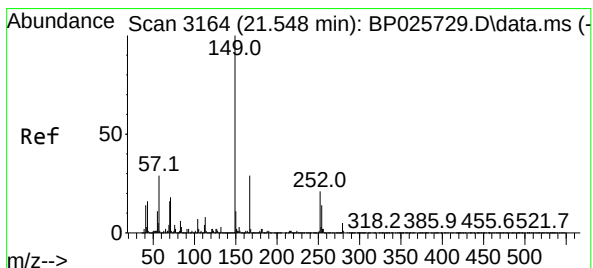
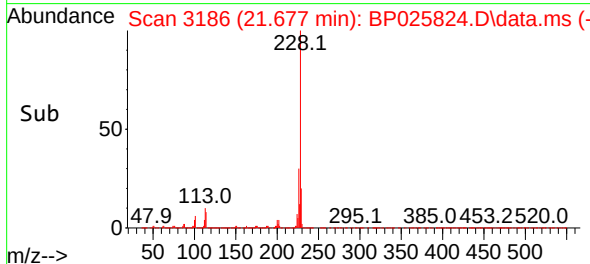
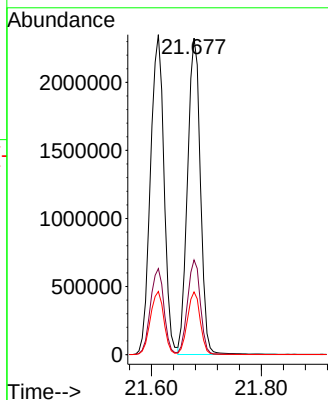
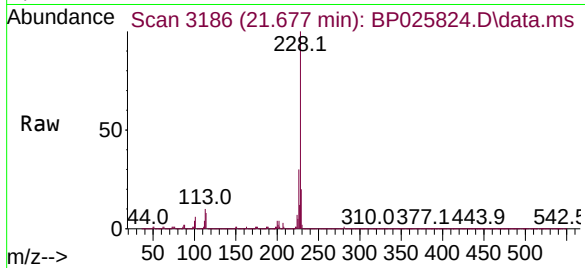




#83  
Chrysene  
Concen: 36.517 ng  
RT: 21.677 min Scan# 3186  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

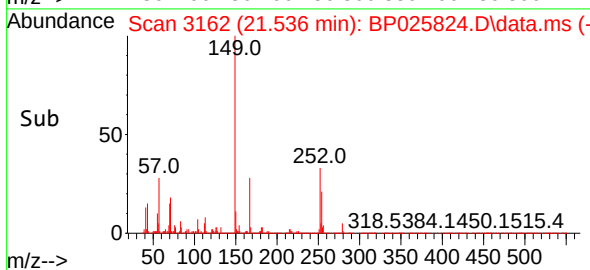
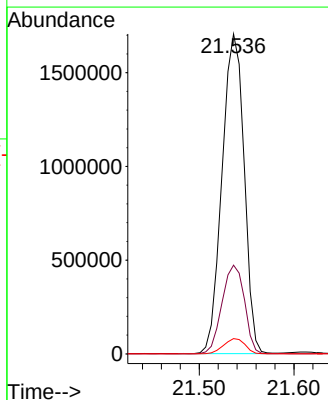
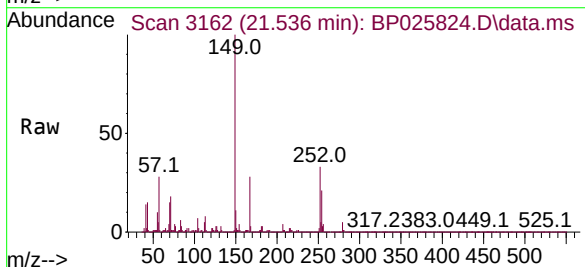
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:228 Resp: 3776225  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.8 35.6  
229 19.8 15.6 23.4

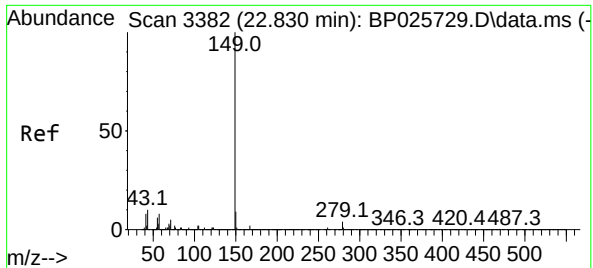


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.698 ng  
RT: 21.536 min Scan# 3162  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:149 Resp: 2760305  
Ion Ratio Lower Upper  
149 100  
167 27.7 22.9 34.3  
279 4.8 3.8 5.8



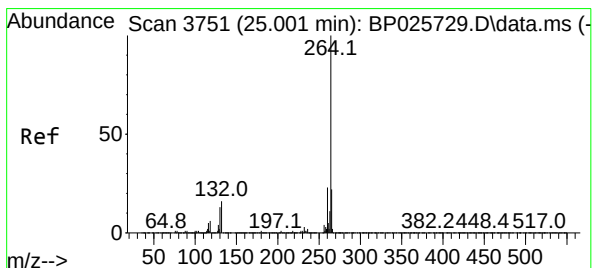
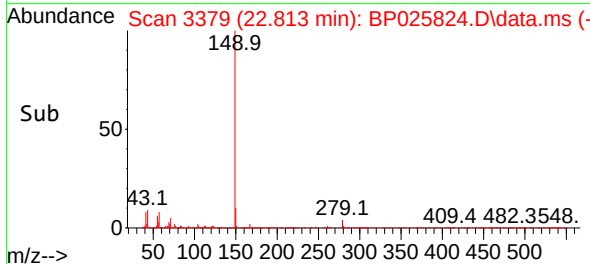
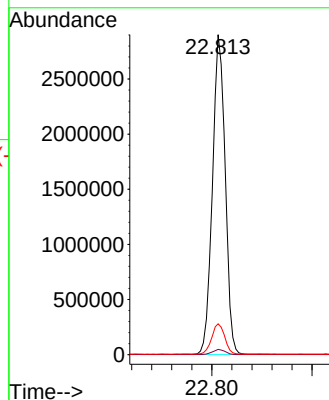
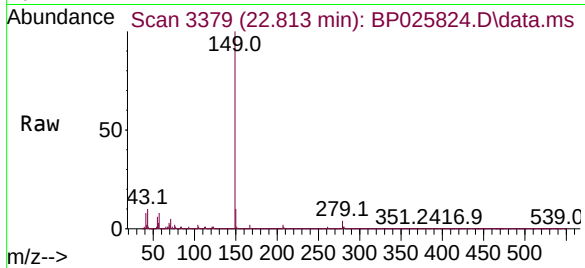




#85  
Di-n-octyl phthalate  
Concen: 42.360 ng  
RT: 22.813 min Scan# 3382  
Delta R.T. -0.018 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

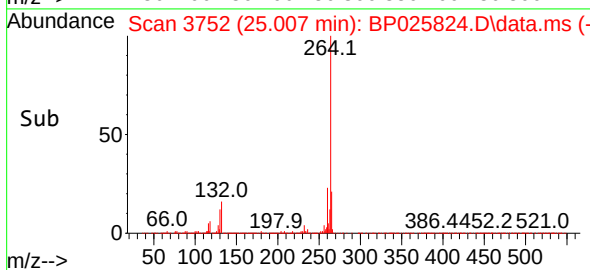
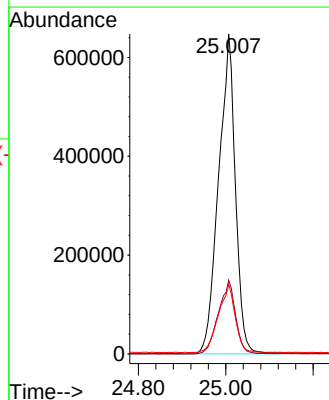
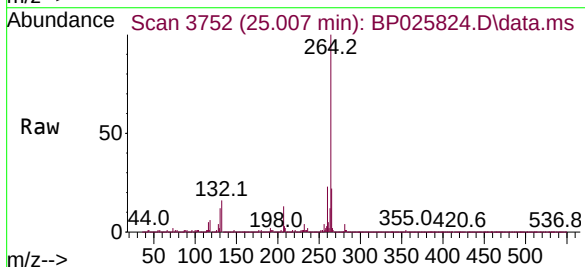
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

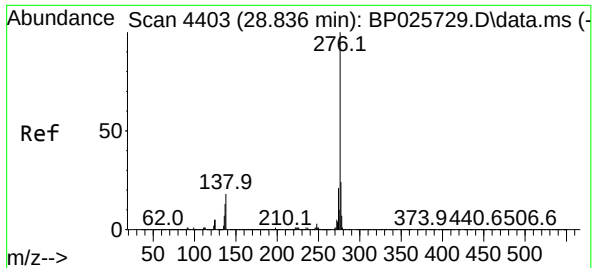
Tgt Ion:149 Resp: 5110532  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.7 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.007 min Scan# 3752  
Delta R.T. 0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:264 Resp: 1726843  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.3 27.5  
265 21.8 17.3 25.9

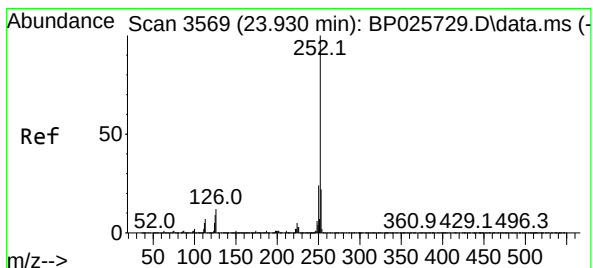
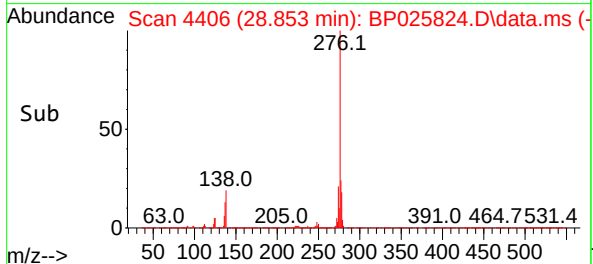
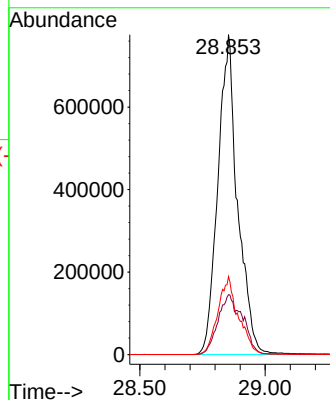
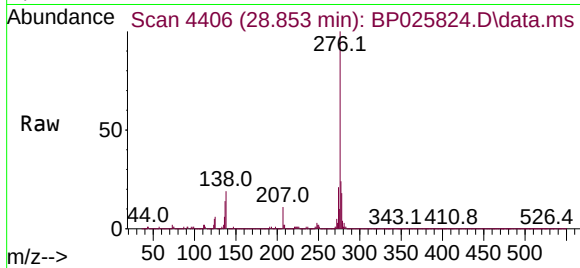




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 33.711 ng  
RT: 28.853 min Scan# 4403  
Delta R.T. 0.018 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

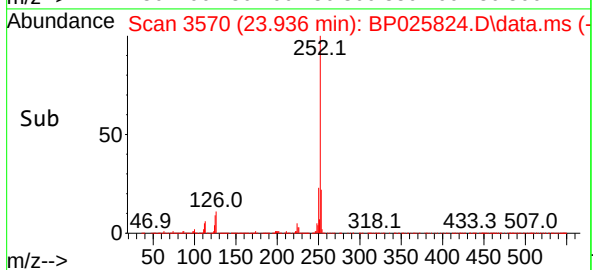
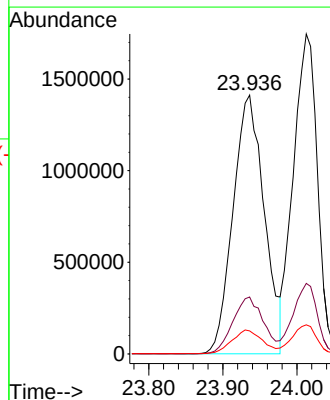
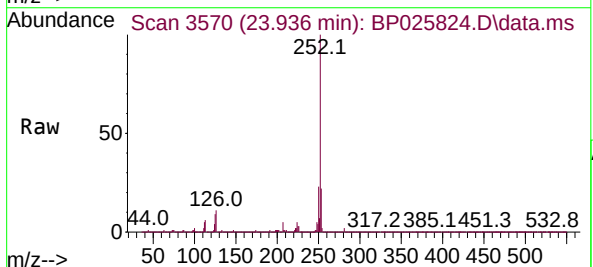
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

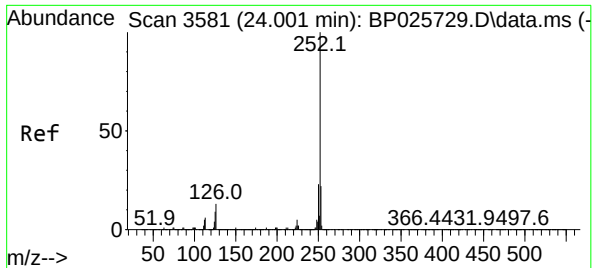
Tgt Ion:276 Resp: 4233442  
Ion Ratio Lower Upper  
276 100  
138 23.2 13.4 20.2#  
277 25.3 9.1 13.7#



#88  
Benzo(b)fluoranthene  
Concen: 39.172 ng  
RT: 23.936 min Scan# 3570  
Delta R.T. 0.006 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:252 Resp: 4136561  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.9 26.9  
125 8.9 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 36.727 ng

RT: 24.013 min Scan# 3581

Delta R.T. 0.012 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

Instrument :

BNA\_P

ClientSampleId :

SSTDCCC040

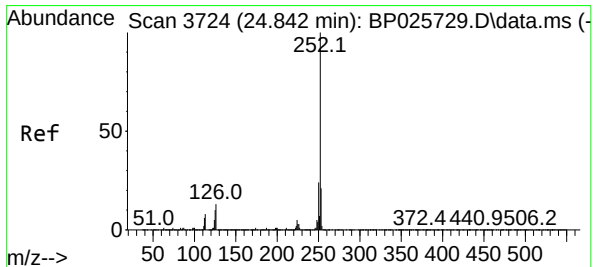
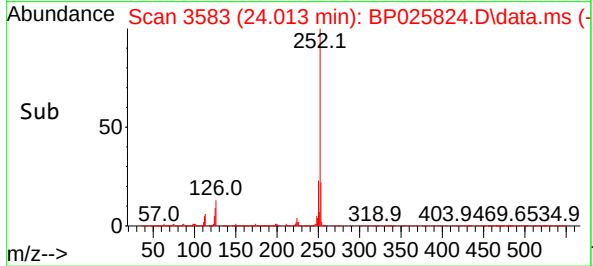
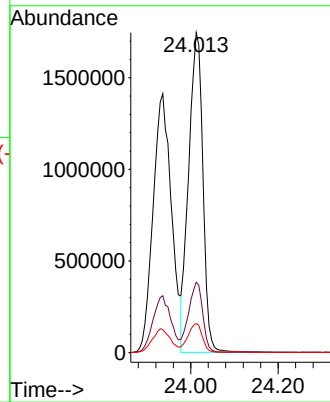
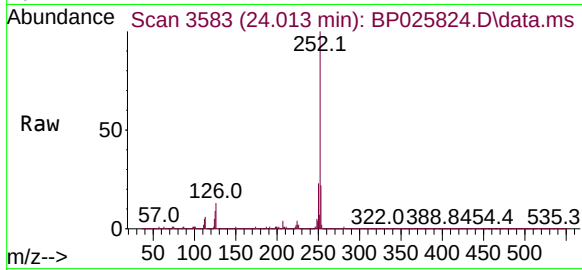
Tgt Ion:252 Resp: 3957661

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 37.315 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.000 min

Lab File: BP025824.D

Acq: 23 Sep 2025 11:03

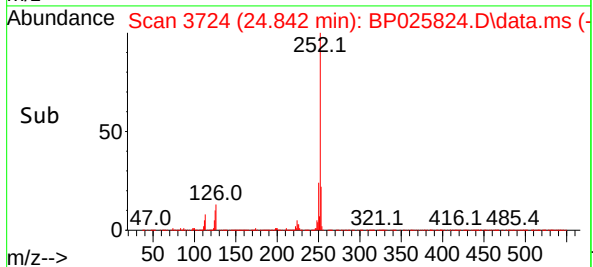
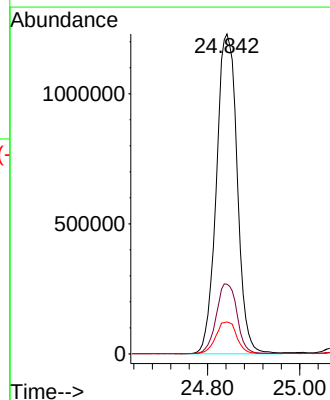
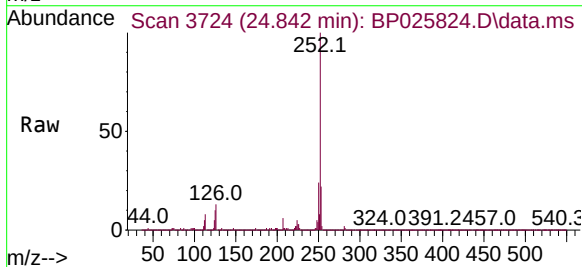
Tgt Ion:252 Resp: 3858917

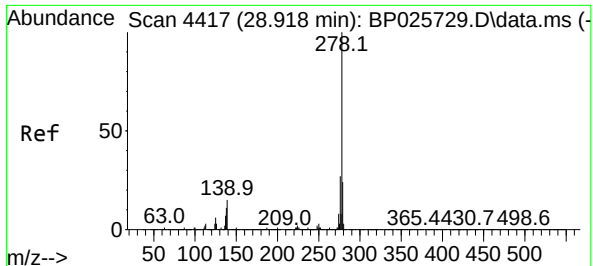
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.0 8.3 12.5

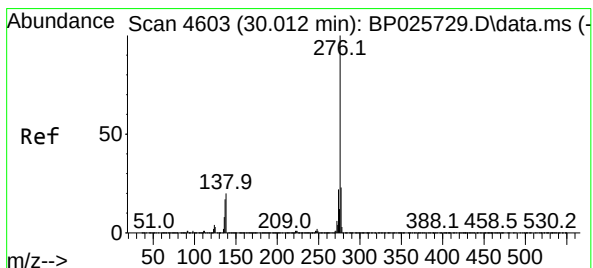
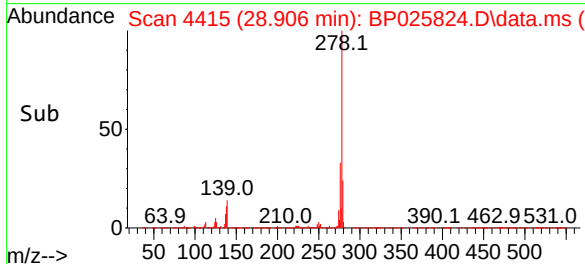
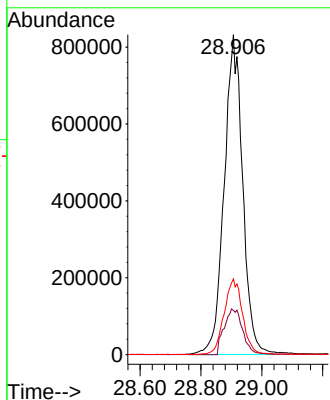
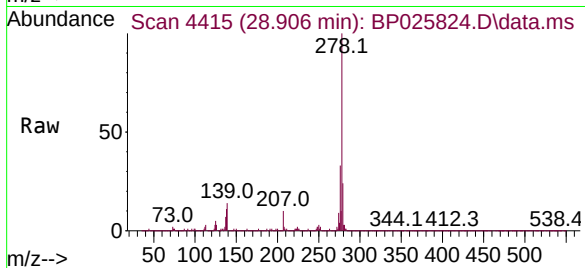




#91  
Dibenzo(a,h)anthracene  
Concen: 34.148 ng  
RT: 28.906 min Scan# 4417  
Delta R.T. -0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

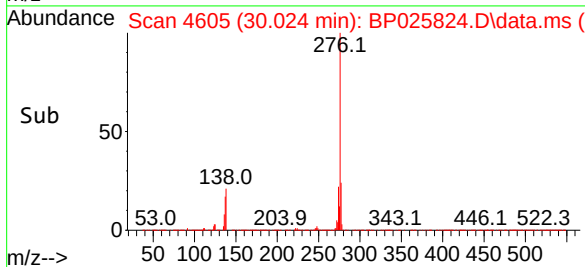
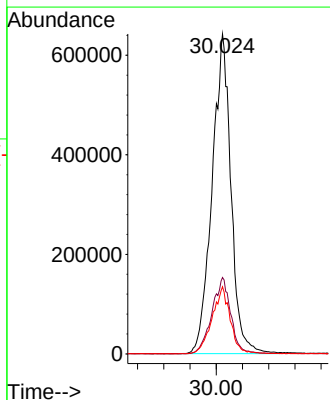
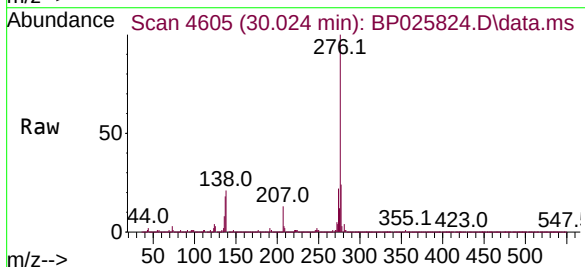
Instrument :  
BNA\_P  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 3509249  
Ion Ratio Lower Upper  
278 100  
139 13.8 12.1 18.1  
279 23.7 19.6 29.4



#92  
Benzo(g,h,i)perylene  
Concen: 31.706 ng  
RT: 30.024 min Scan# 4605  
Delta R.T. 0.012 min  
Lab File: BP025824.D  
Acq: 23 Sep 2025 11:03

Tgt Ion:276 Resp: 3204332  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.7 28.1  
138 21.0 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025824.D  
 Acq On : 23 Sep 2025 11:03  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 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    | 152#  | 0.00     |
| 2    | 1,4-Dioxane                 | 0.520 | 0.466 | 10.4   | 130   | 0.00     |
| 3    | Pyridine                    | 1.432 | 1.348 | 5.9    | 131   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.676 | 0.622 | 8.0    | 131   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.240 | 1.206 | 2.7    | 135   | 0.00     |
| 6    | Aniline                     | 2.262 | 2.189 | 3.2    | 133   | 0.00     |
| 7 S  | Phenol-d6                   | 1.648 | 1.633 | 0.9    | 133   | 0.00     |
| 8    | 2-Chlorophenol              | 1.360 | 1.331 | 2.1    | 134   | 0.00     |
| 9    | Benzaldehyde                | 0.987 | 1.329 | -34.7# | 231#  | 0.00     |
| 10 C | Phenol                      | 1.737 | 1.706 | 1.8    | 132   | 0.01     |
| 11   | bis(2-Chloroethyl)ether     | 1.396 | 1.328 | 4.9    | 130   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.548 | 1.457 | 5.9    | 132   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.576 | 1.482 | 6.0    | 133   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.531 | 1.435 | 6.3    | 132   | 0.00     |
| 15   | Benzyl Alcohol              | 1.361 | 1.303 | 4.3    | 131   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.282 | 2.095 | 8.2    | 128   | -0.01    |
| 17   | 2-Methylphenol              | 1.171 | 1.149 | 1.9    | 133   | 0.00     |
| 18   | Hexachloroethane            | 0.602 | 0.565 | 6.1    | 133   | -0.01    |
| 19 P | n-Nitroso-di-n-propylamine  | 1.149 | 1.124 | 2.2    | 130   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.640 | 1.568 | 4.4    | 131   | 0.01     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 149   | 0.00     |
| 22   | Acetophenone                | 0.534 | 0.515 | 3.6    | 131   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.453 | 0.430 | 5.1    | 129   | 0.00     |
| 24   | Nitrobenzene                | 0.407 | 0.386 | 5.2    | 128   | 0.00     |
| 25   | Isophorone                  | 0.797 | 0.768 | 3.6    | 133   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.181 | 0.188 | -3.9   | 139   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.317 | 0.312 | 1.6    | 131   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.461 | 0.446 | 3.3    | 134   | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.316 | 0.312 | 1.3    | 134   | 0.01     |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.337 | 5.3    | 133   | 0.00     |
| 31   | Naphthalene                 | 1.078 | 1.001 | 7.1    | 130   | 0.00     |
| 32   | Benzoic acid                | 0.236 | 0.237 | -0.4   | 135   | 0.02     |
| 33   | 4-Chloroaniline             | 0.449 | 0.449 | 0.0    | 132   | -0.01    |
| 34 C | Hexachlorobutadiene         | 0.229 | 0.215 | 6.1    | 133   | 0.00     |
| 35   | Caprolactam                 | 0.122 | 0.155 | -27.0# | 175#  | 0.02     |
| 36 C | 4-Chloro-3-methylphenol     | 0.377 | 0.368 | 2.4    | 133   | 0.01     |
| 37   | 2-Methylnaphthalene         | 0.693 | 0.664 | 4.2    | 133   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.739 | 0.693 | 6.2    | 129   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 153#  | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.606 | 0.580 | 4.3    | 135   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.330 | 0.318 | 3.6    | 128   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.249 | 0.260 | -4.4   | 144   | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 0.398 | 0.398 | 0.0    | 137   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.443 | 0.437 | 1.4    | 134   | 0.01     |
| 45 S | 2-Fluorobiphenyl            | 1.502 | 1.396 | 7.1    | 134   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.468 | 1.383 | 5.8    | 133   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.156 | 1.081 | 6.5    | 133   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025824.D  
 Acq On : 23 Sep 2025 11:03  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 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             | 0.385 | 0.383 | 0.5    | 134   | 0.00     |
| 49   | Acenaphthylene             | 1.915 | 1.813 | 5.3    | 135   | 0.00     |
| 50   | Dimethylphthalate          | 1.527 | 1.475 | 3.4    | 136   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.326 | -0.6   | 139   | 0.00     |
| 52 C | Acenaphthene               | 1.104 | 1.016 | 8.0    | 130   | -0.01    |
| 53   | 3-Nitroaniline             | 0.340 | 0.357 | -5.0   | 139   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.183 | 0.213 | -16.4  | 156#  | 0.00     |
| 55   | Dibenzofuran               | 1.800 | 1.653 | 8.2    | 132   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.258 | 0.354 | -37.2# | 177#  | 0.05     |
| 57   | 2,4-Dinitrotoluene         | 0.460 | 0.473 | -2.8   | 139   | 0.00     |
| 58   | Fluorene                   | 1.431 | 1.345 | 6.0    | 133   | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.399 | 0.403 | -1.0   | 138   | 0.00     |
| 60   | Diethylphthalate           | 1.549 | 1.520 | 1.9    | 142   | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 0.721 | 0.681 | 5.5    | 136   | 0.00     |
| 62   | 4-Nitroaniline             | 0.349 | 0.384 | -10.0  | 145   | 0.00     |
| 63   | Azobenzene                 | 1.498 | 1.447 | 3.4    | 135   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 161#  | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.133 | 0.144 | -8.3   | 155#  | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.612 | 0.565 | 7.7    | 137   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.220 | 0.208 | 5.5    | 141   | 0.00     |
| 68   | Hexachlorobenzene          | 0.245 | 0.232 | 5.3    | 144   | 0.00     |
| 69   | Atrazine                   | 0.234 | 0.230 | 1.7    | 143   | 0.00     |
| 70 C | Pentachlorophenol          | 0.162 | 0.151 | 6.8    | 136   | 0.00     |
| 71   | Phenanthrene               | 1.135 | 1.040 | 8.4    | 138   | 0.00     |
| 72   | Anthracene                 | 1.151 | 1.047 | 9.0    | 137   | 0.00     |
| 73   | Carbazole                  | 1.070 | 1.022 | 4.5    | 141   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.313 | 1.327 | -1.1   | 149   | 0.00     |
| 75 C | Fluoranthene               | 1.361 | 1.304 | 4.2    | 145   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 171#  | -0.01    |
| 77   | Benzydine                  | 0.576 | 0.638 | -10.8  | 167#  | 0.00     |
| 78   | Pyrene                     | 1.335 | 1.221 | 8.5    | 146   | 0.00     |
| 79 S | Terphenyl-d14              | 1.112 | 0.988 | 11.2   | 144   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.585 | 0.595 | -1.7   | 157#  | 0.00     |
| 81   | Benzo(a)anthracene         | 1.369 | 1.272 | 7.1    | 150   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.473 | 0.471 | 0.4    | 155#  | -0.01    |
| 83   | Chrysene                   | 1.305 | 1.192 | 8.7    | 148   | -0.01    |
| 84   | Bis(2-ethylhexyl)phthalate | 0.856 | 0.871 | -1.8   | 158#  | -0.01    |
| 85 c | Di-n-octyl phthalate       | 1.523 | 1.613 | -5.9   | 165#  | -0.02    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 173#  | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.454 | 1.226 | 15.7   | 132   | 0.02     |
| 88   | Benzo(b)fluoranthene       | 1.223 | 1.198 | 2.0    | 155#  | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.248 | 1.146 | 8.2    | 147   | 0.01     |
| 90 C | Benzo(a)pyrene             | 1.198 | 1.117 | 6.8    | 147   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.190 | 1.016 | 14.6   | 135   | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 1.170 | 0.928 | 20.7   | 126   | 0.01     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025824.D  
Acq On : 23 Sep 2025 11:03  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 23 11:40:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

| Compound | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

-----  
(#) = Out of Range                      SPCC's out = 0    CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025824.D  
 Acq On : 23 Sep 2025 11:03  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 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    | 152   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 35.867 | 10.3   | 130   | 0.00     |
| 3    | Pyridine                    | 40.000 | 37.653 | 5.9    | 131   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.808 | 8.0    | 131   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.858 | 2.7    | 135   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.718 | 3.2    | 133   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.275 | 0.9    | 133   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.159 | 2.1    | 134   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 53.834 | -34.6# | 231   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.274 | 1.8    | 132   | 0.01     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.054 | 4.9    | 130   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.646 | 5.9    | 132   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.614 | 6.0    | 133   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.475 | 6.3    | 132   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.277 | 4.3    | 131   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.722 | 8.2    | 128   | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 39.254 | 1.9    | 133   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.559 | 6.1    | 133   | -0.01    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.119 | 2.2    | 130   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.241 | 4.4    | 131   | 0.01     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 149   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.549 | 3.6    | 131   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 75.897 | 5.1    | 129   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 37.992 | 5.0    | 128   | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.527 | 3.7    | 133   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.652 | -4.1   | 139   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.339 | 1.7    | 131   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.755 | 3.1    | 134   | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.529 | 1.2    | 134   | 0.01     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.881 | 5.3    | 133   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 37.128 | 7.2    | 130   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.214 | -0.5   | 135   | 0.02     |
| 33   | 4-Chloroaniline             | 40.000 | 39.979 | 0.1    | 132   | -0.01    |
| 34 C | Hexachlorobutadiene         | 40.000 | 37.589 | 6.0    | 133   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 50.943 | -27.4# | 175   | 0.02     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.093 | 2.3    | 133   | 0.01     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.330 | 4.2    | 133   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.509 | 6.2    | 129   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 153   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.311 | 4.2    | 135   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.502 | 3.7    | 128   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.527 | -4.4   | 144   | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.984 | 0.0    | 137   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.379 | 1.6    | 134   | 0.01     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.336 | 7.1    | 134   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.684 | 5.8    | 133   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.397 | 6.5    | 133   | 0.00     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025824.D  
 Acq On : 23 Sep 2025 11:03  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 23 11:40:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 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 | 39.780 | 0.5    | 134   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 37.860 | 5.4    | 135   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.637 | 3.4    | 136   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.252 | -0.6   | 139   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 36.800 | 8.0    | 130   | -0.01    |
| 53   | 3-Nitroaniline             | 40.000 | 41.995 | -5.0   | 139   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 42.899 | -7.2   | 156   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 36.734 | 8.2    | 132   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 50.134 | -25.3# | 177   | 0.05     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.052 | -2.6   | 139   | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.577 | 6.1    | 133   | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.321 | -0.8   | 138   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.246 | 1.9    | 142   | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.740 | 5.6    | 136   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.052 | -10.1  | 145   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.641 | 3.4    | 135   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 161   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.387 | -8.5   | 155   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.952 | 7.6    | 137   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 37.943 | 5.1    | 141   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 37.896 | 5.3    | 144   | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.320 | 1.7    | 143   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 37.435 | 6.4    | 136   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.676 | 8.3    | 138   | 0.00     |
| 72   | Anthracene                 | 40.000 | 36.387 | 9.0    | 137   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.183 | 4.5    | 141   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.416 | -1.0   | 149   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.336 | 4.2    | 145   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 171   | -0.01    |
| 77   | Benzydine                  | 40.000 | 44.326 | -10.8  | 167   | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.596 | 8.5    | 146   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 71.090 | 11.1   | 144   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.653 | -1.6   | 157   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.160 | 7.1    | 150   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.775 | 0.6    | 155   | -0.01    |
| 83   | Chrysene                   | 40.000 | 36.517 | 8.7    | 148   | -0.01    |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.698 | -1.7   | 158   | -0.01    |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.360 | -5.9   | 165   | -0.02    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 173   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 33.711 | 15.7   | 132   | 0.02     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.172 | 2.1    | 155   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.727 | 8.2    | 147   | 0.01     |
| 90 C | Benzo(a)pyrene             | 40.000 | 37.315 | 6.7    | 147   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 34.148 | 14.6   | 135   | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 31.706 | 20.7   | 126   | 0.01     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025824.D  
Acq On : 23 Sep 2025 11:03  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 23 11:40:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 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



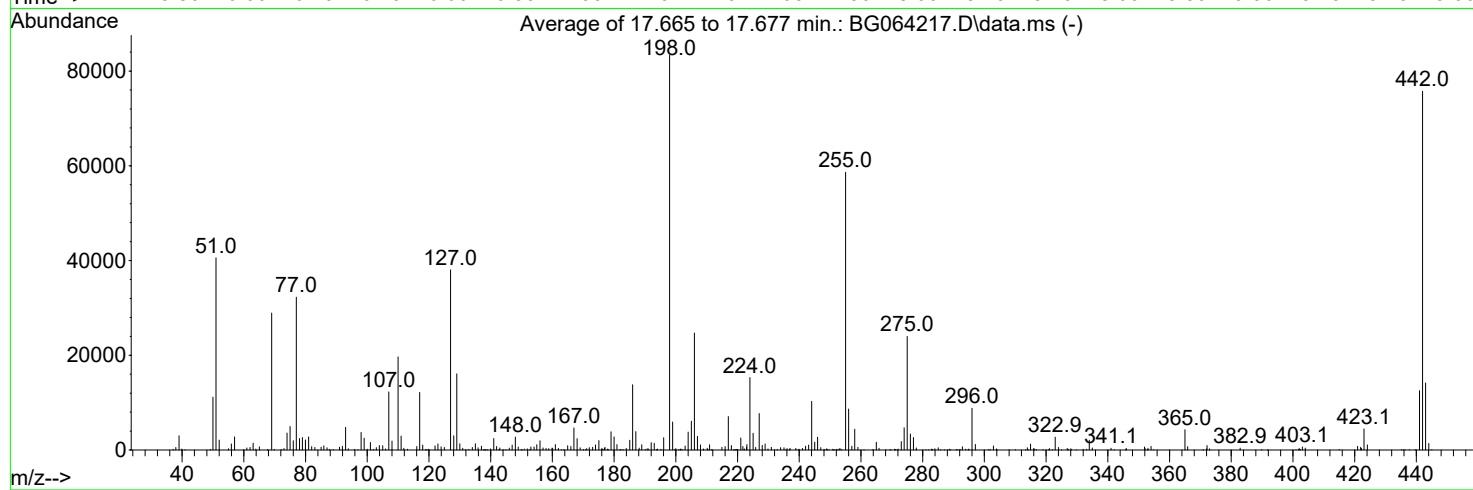
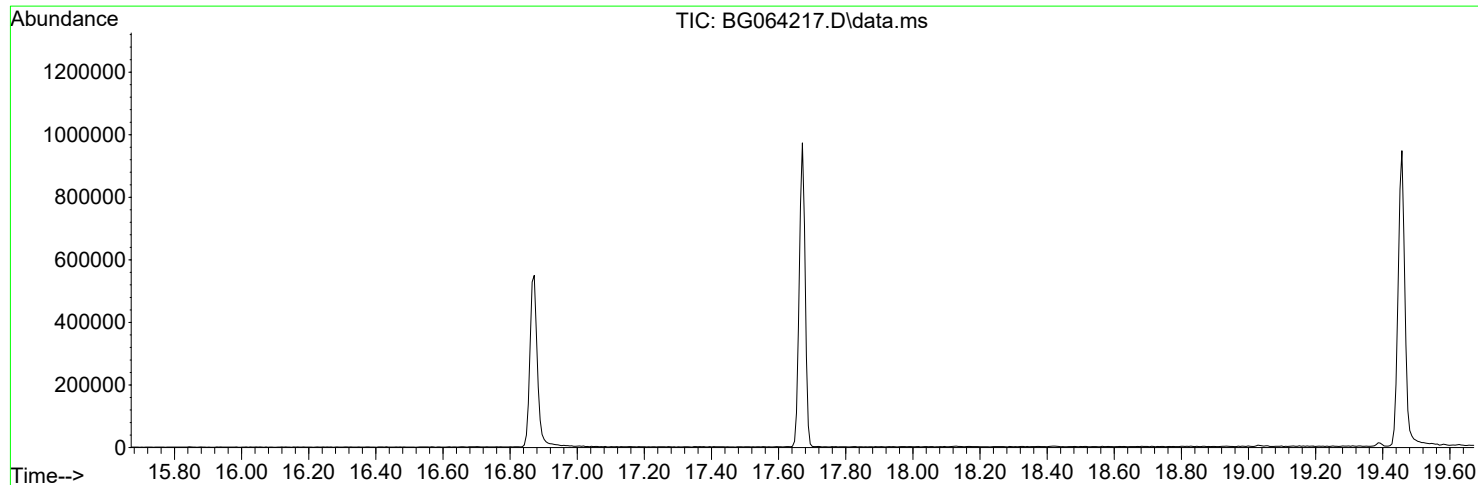
# QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
Data File : BG064217.D  
Acq On : 28 Aug 2025 10:11  
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-BG082825.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Thu Aug 28 17:41:58 2025



AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw   | Result    |
|--------|---------|--------|--------|-------|-------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn   | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 0.4   | 117   | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 28923 | PASS      |
| 70     | 69      | 0.00   | 2      | 0.4   | 125   | PASS      |
| 197    | 198     | 0.00   | 2      | 0.0   | 0     | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 83360 | PASS      |
| 199    | 198     | 5      | 9      | 7.1   | 5910  | PASS      |
| 365    | 198     | 1      | 100    | 5.2   | 4294  | PASS      |
| 441    | 443     | 0.01   | 150    | 88.5  | 12527 | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 75725 | PASS      |
| 443    | 442     | 15     | 24     | 18.7  | 14159 | PASS      |

# DDT Breakdown

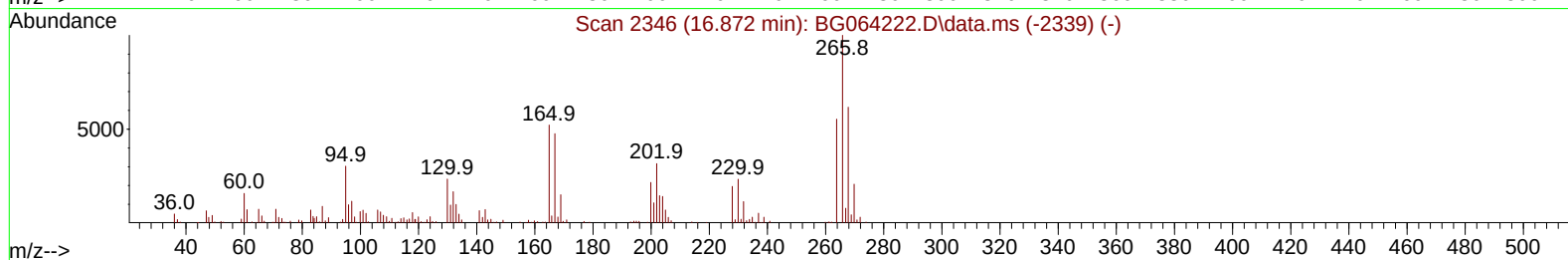
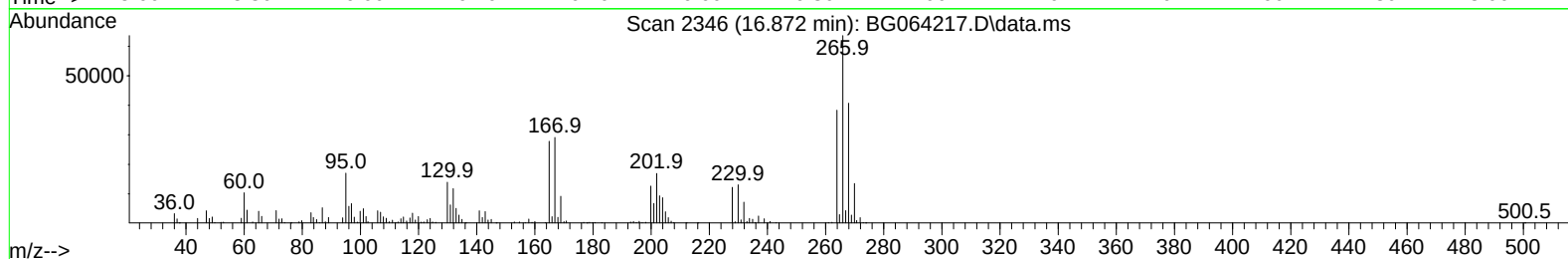
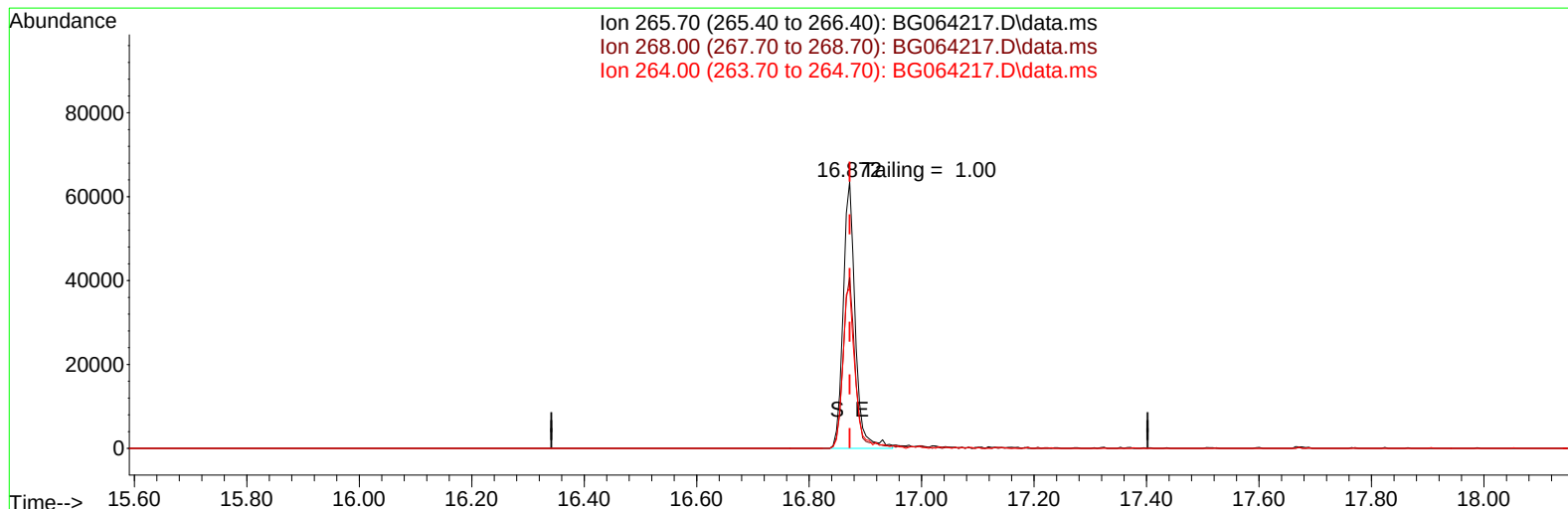
| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 8/28/2025     | BNA_G            | BG064217.D         |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 277057           | 20.691             |
| DDD           | 7102             | 20.25              |
| DDE           | 200              | 19.751             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 7302          | 284359           | 2.57               |
|               |                  |                    |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
Data File : BG064217.D  
Acq On : 28 Aug 2025 10:11  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Aug 28 14:37:31 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 14:36:10 2025  
Response via : Initial Calibration



TIC: BG064217.D\data.ms

**(70) Pentachlorophenol (C)**

16.872min (-0.000) 25238.02 ng

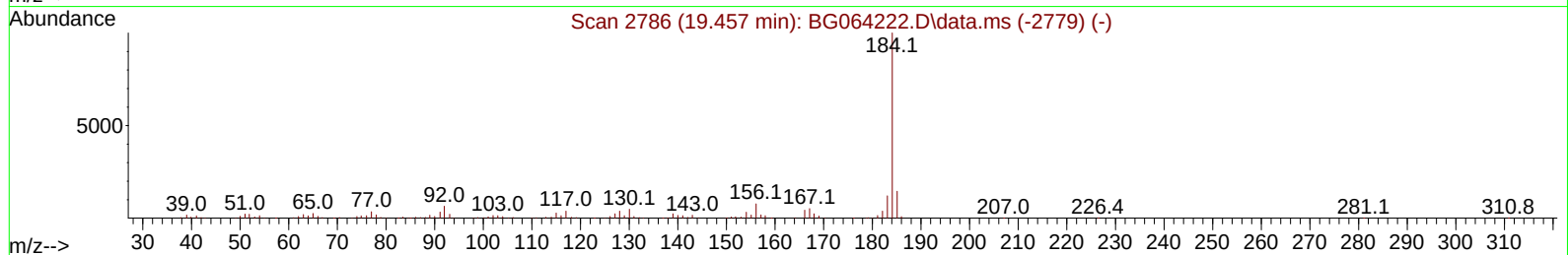
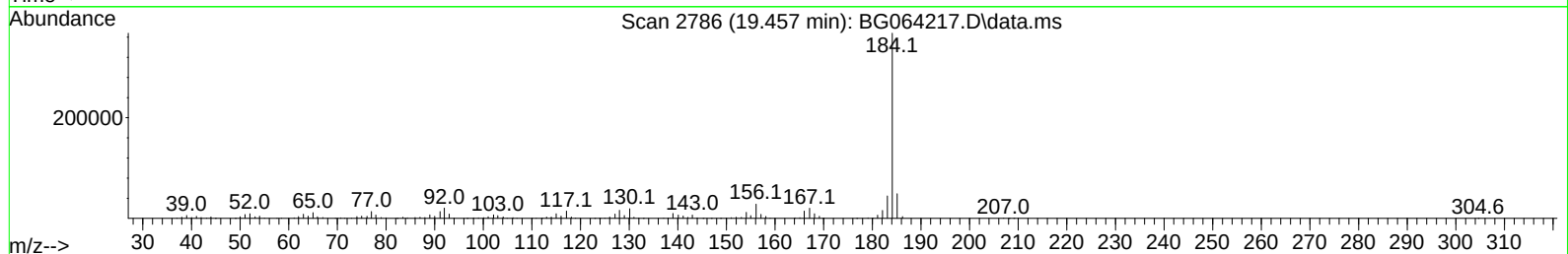
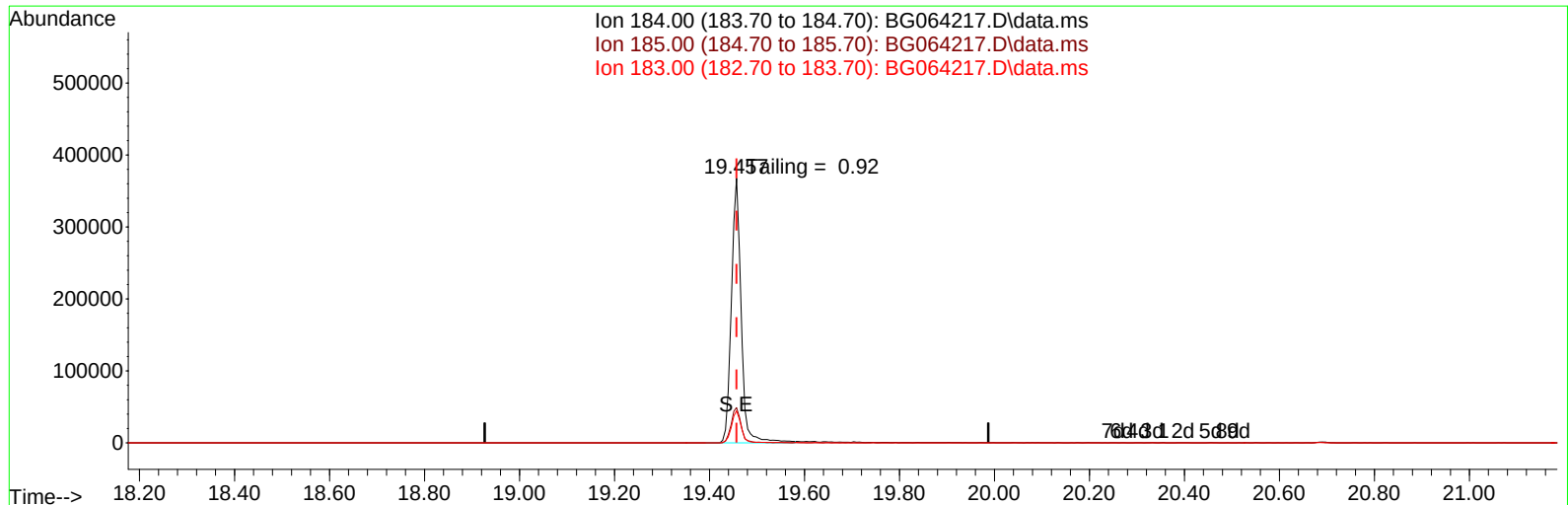
response 93526

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.70  | 64.00  |
| 264.00 | 55.40  | 60.23  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082825\  
Data File : BG064217.D  
Acq On : 28 Aug 2025 10:11  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Aug 28 14:37:31 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 14:36:10 2025  
Response via : Initial Calibration



TIC: BG064217.D\data.ms

**(77) Benzidine**

19.457min (-0.000) 328145.89 ng m

response 550762

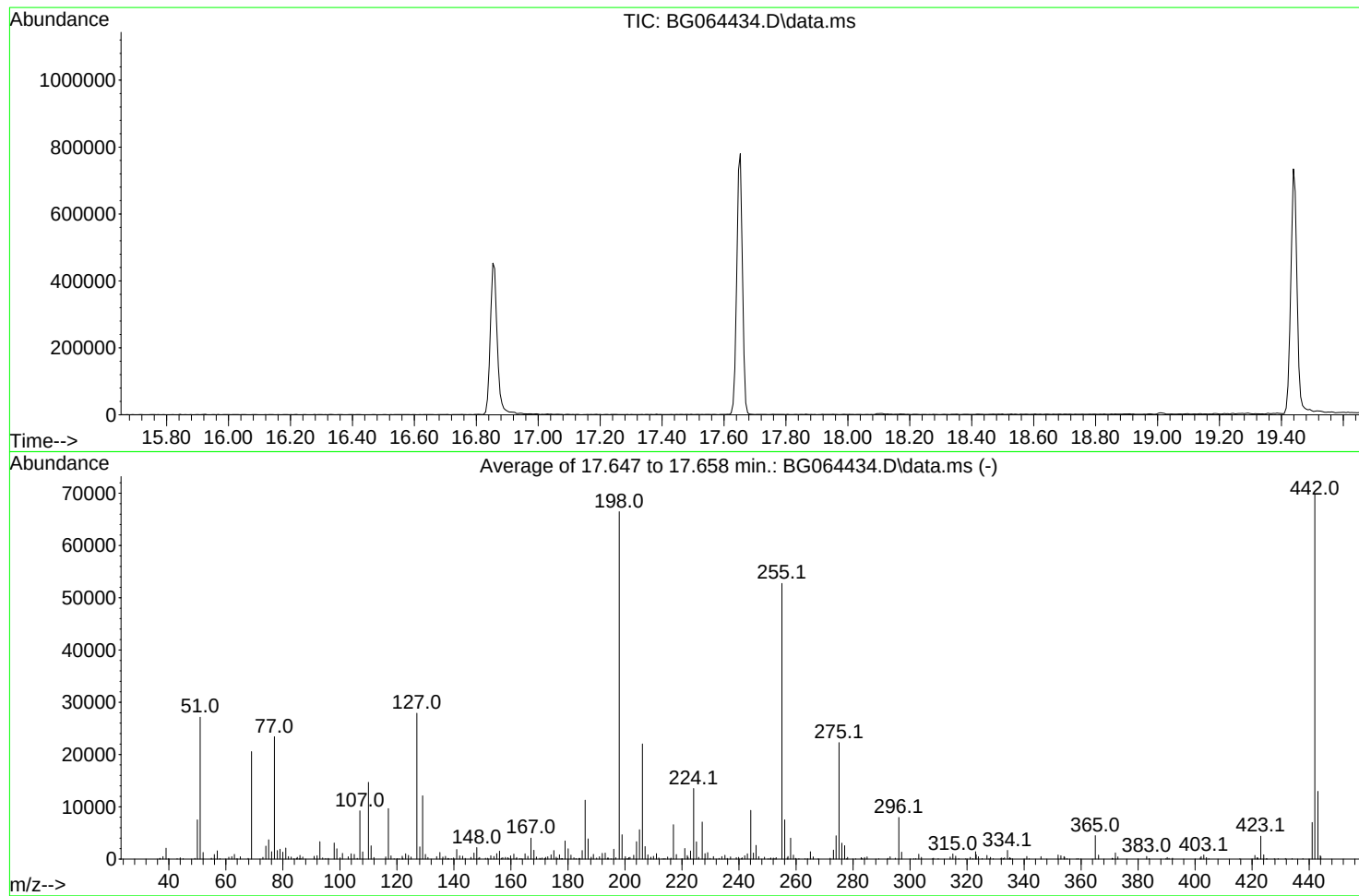
| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.60  | 13.29  |
| 183.00 | 12.10  | 12.10  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
Data File : BG064434.D  
Acq On : 23 Sep 2025 10:47  
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-BG082825.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Thu Aug 28 17:41:58 2025



AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2471

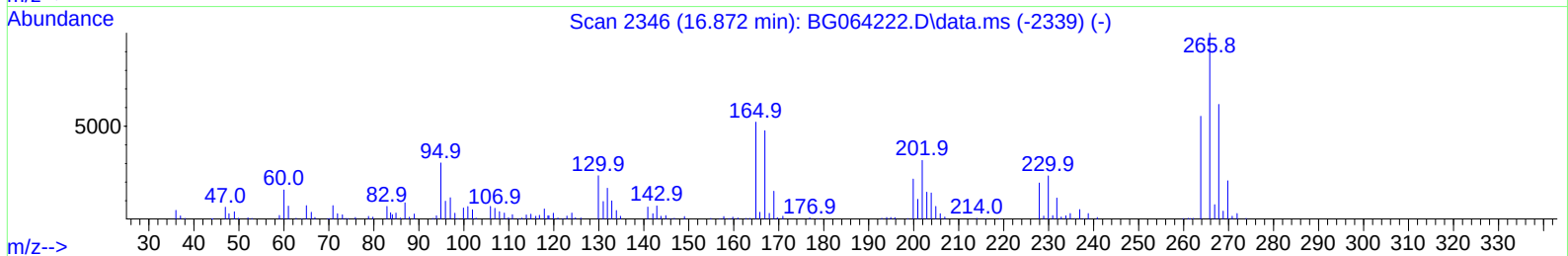
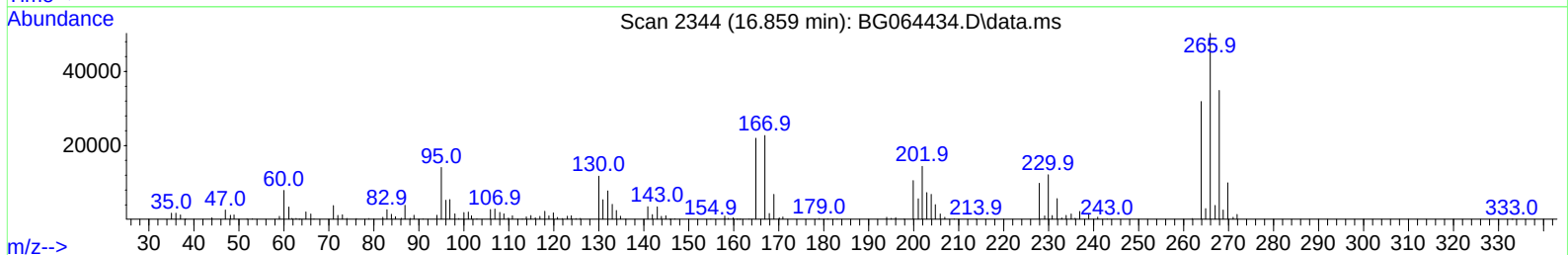
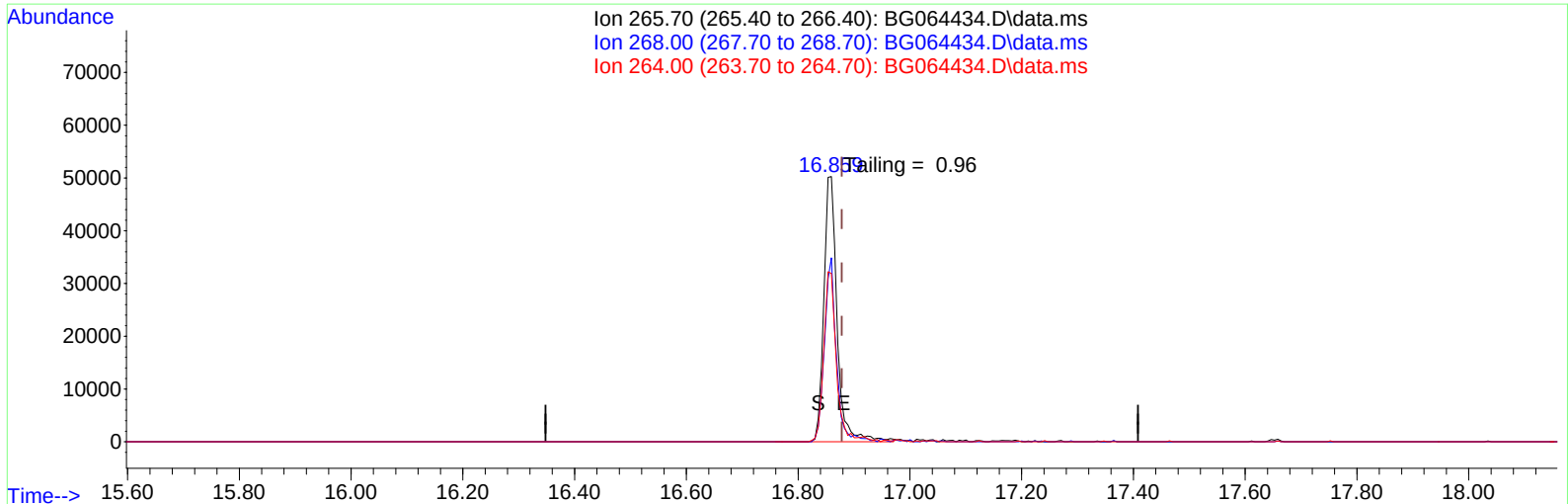
| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 68             | 69              | 0.00            | 2               | 0.6          | 122        | PASS                |
| 69             | 69              | 100             | 100             | 100.0        | 20561      | PASS                |
| 70             | 69              | 0.00            | 2               | 0.0          | 0          | PASS                |
| 197            | 198             | 0.00            | 2               | 0.4          | 252        | PASS                |
| 198            | 198             | 100             | 100             | 100.0        | 66480      | PASS                |
| 199            | 198             | 5               | 9               | 7.0          | 4636       | PASS                |
| 365            | 198             | 1               | 100             | 6.7          | 4485       | PASS                |
| 441            | 443             | 0.01            | 150             | 54.0         | 6994       | PASS                |
| 442            | 442             | 100             | 100             | 100.0        | 69725      | PASS                |
| 443            | 442             | 15              | 24              | 18.6         | 12944      | PASS                |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
Data File : BG064434.D  
Acq On : 23 Sep 2025 10:47  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Sep 23 11:53:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration



TIC: BG064434.D\data.ms

**(70) Pentachlorophenol (C)**

16.859min (-0.019) 27097.60 ng m

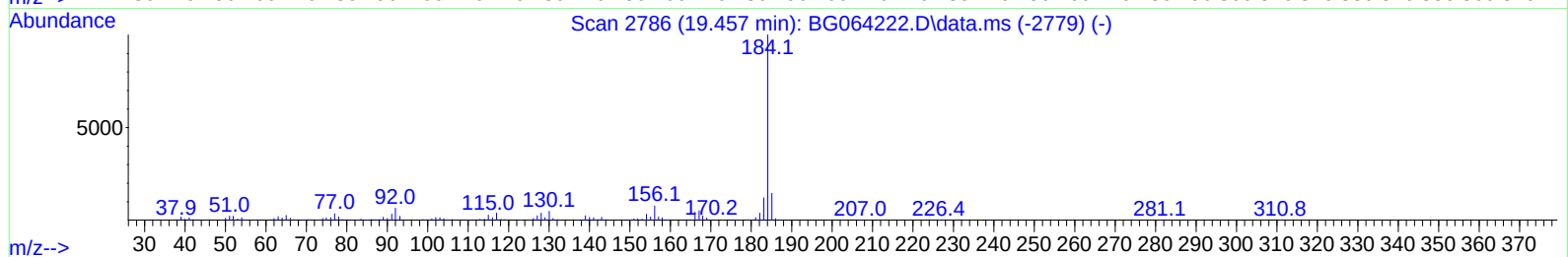
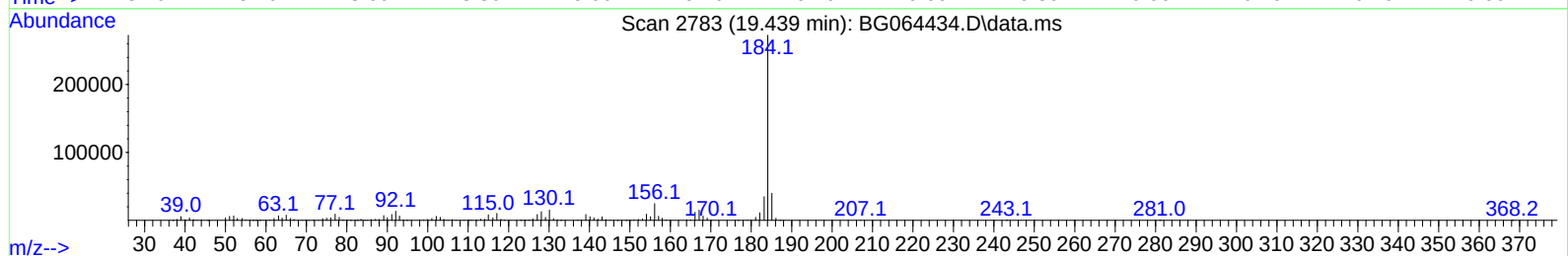
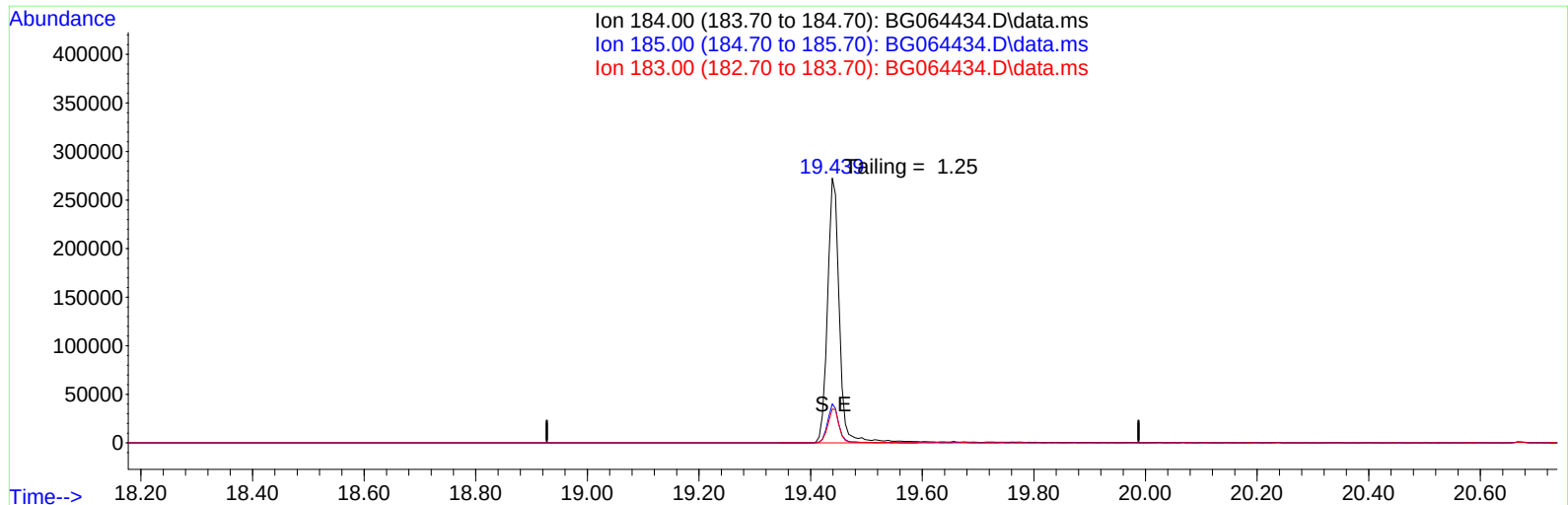
response 83137

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 61.70  | 69.33  |
| 264.00 | 55.40  | 63.45  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092325\  
Data File : BG064434.D  
Acq On : 23 Sep 2025 10:47  
Operator : RC/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Quant Time: Sep 23 11:53:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 28 17:41:58 2025  
Response via : Initial Calibration



TIC: BG064434.D\data.ms

**(77) Benzidine**

19.439min (-0.019) 302619.30 ng m

response 394695

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.60  | 14.72  |
| 183.00 | 12.10  | 12.83  |
| 0.00   | 0.00   | 0.00   |

### DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 9/23/2025     | BNA_G            | <u>BG064434.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 235294           | 20.67              |
| DDD           | 11458            | 20.232             |
| DDE           | 202              | 19.733             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 11660         | 246954           | 4.72               |
|               |                  |                    |

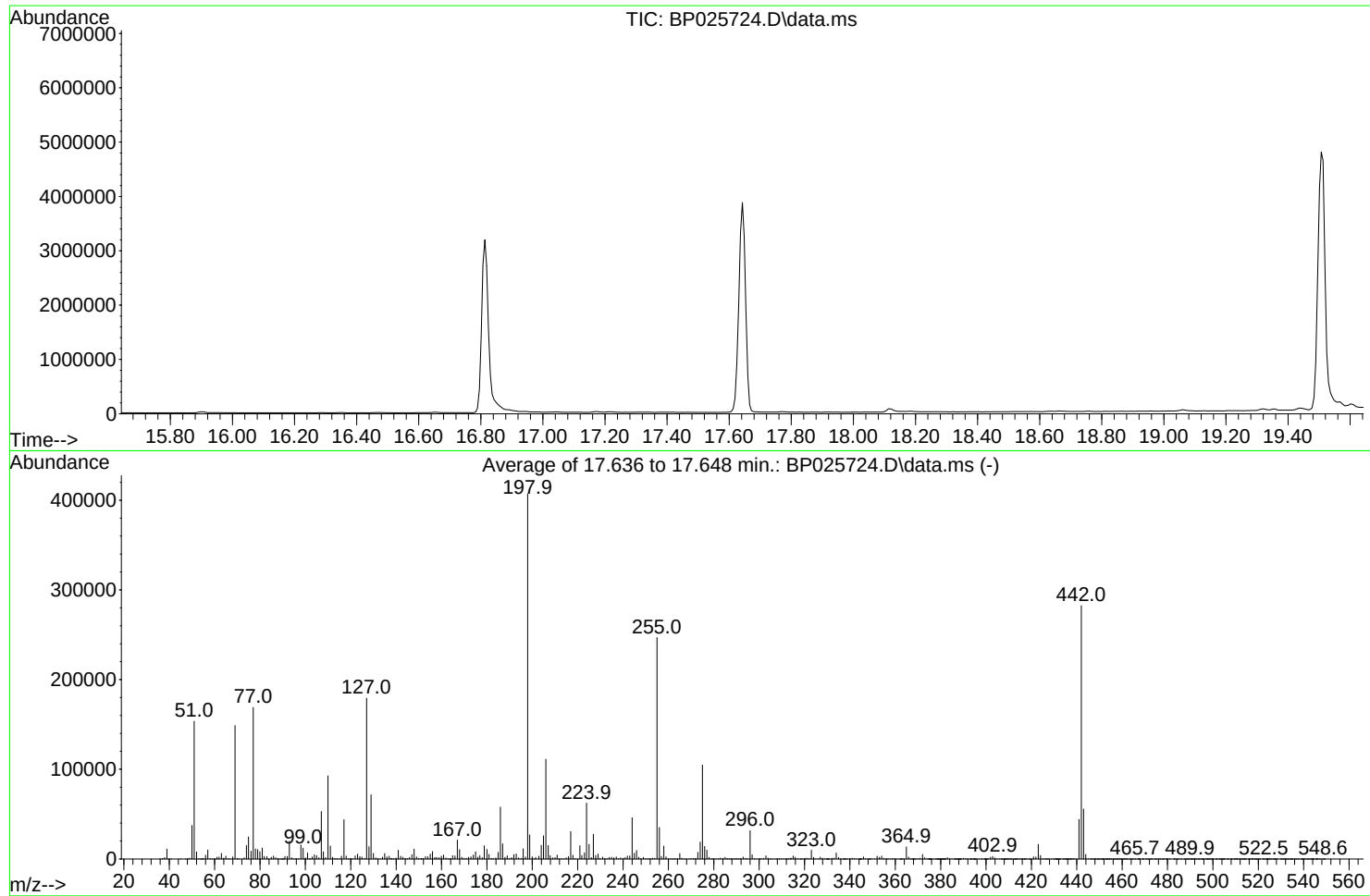
Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025724.D  
Acq On : 11 Sep 2025 08:09  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Thu Sep 11 16:45:04 2025



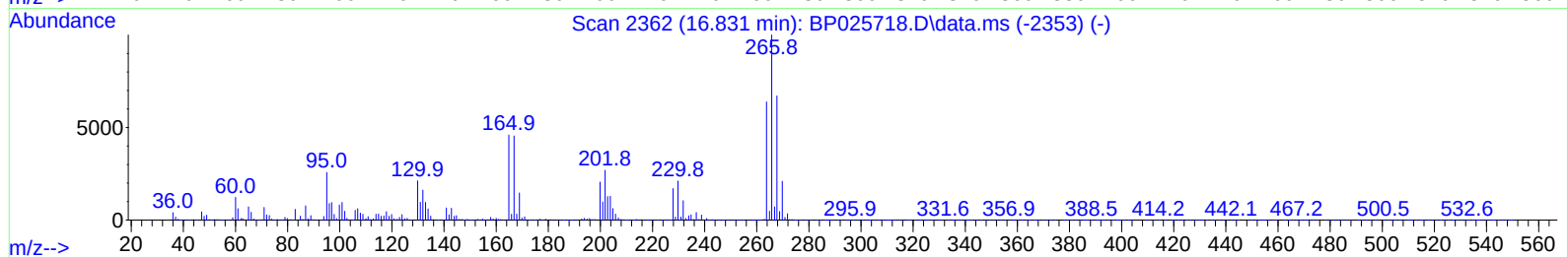
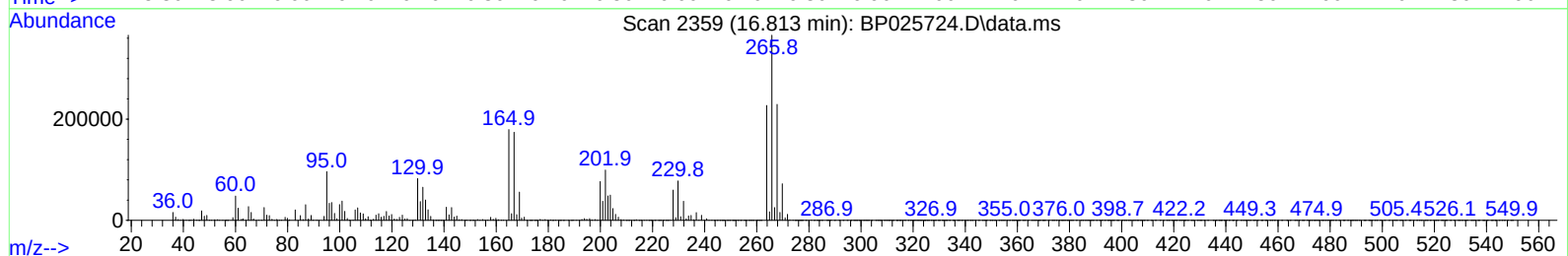
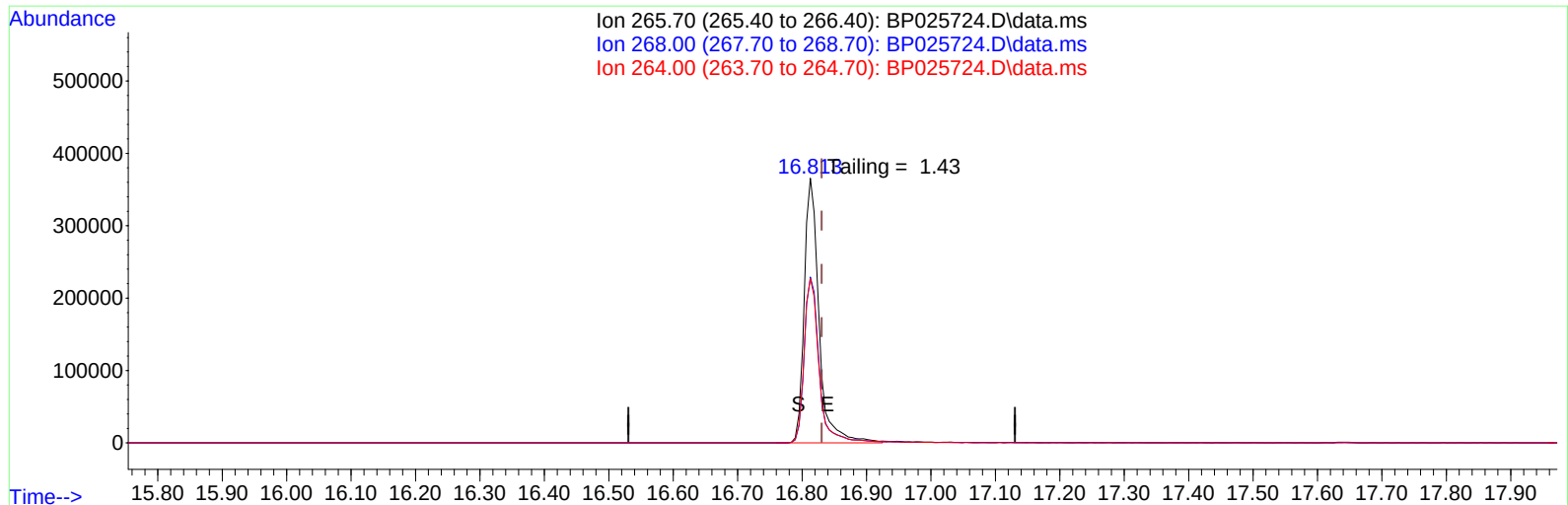
AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2490

| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 1.6   | 2392   | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 148681 | PASS      |
| 70     | 69      | 0.00   | 2      | 0.5   | 775    | PASS      |
| 197    | 198     | 0.00   | 2      | 0.6   | 2274   | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 407104 | PASS      |
| 199    | 198     | 5      | 9      | 6.6   | 26775  | PASS      |
| 365    | 198     | 1      | 100    | 3.3   | 13409  | PASS      |
| 441    | 443     | 0.01   | 150    | 79.1  | 44067  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 282368 | PASS      |
| 443    | 442     | 15     | 24     | 19.7  | 55680  | PASS      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025724.D  
Acq On : 11 Sep 2025 08:09  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Quant Time: Sep 11 12:58:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 09:20:45 2025  
Response via : Initial Calibration



TIC: BP025724.D\data.ms

**(70) Pentachlorophenol (C)**

16.813min (-0.018) 7217.81 ng

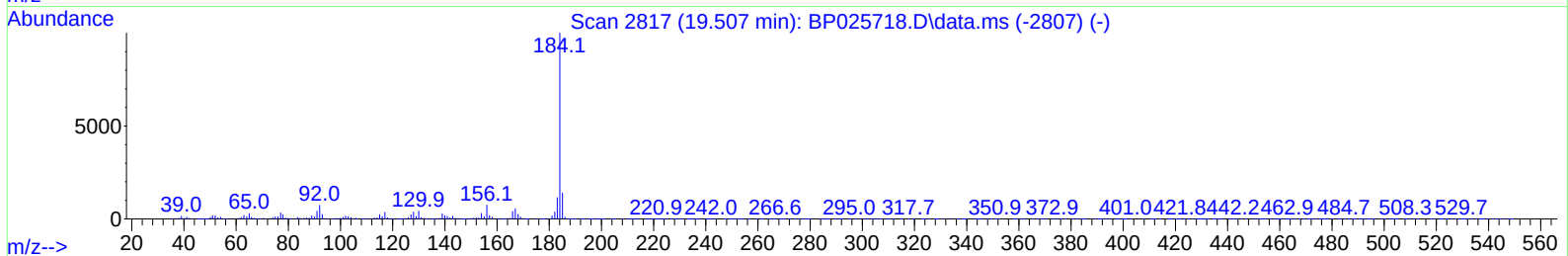
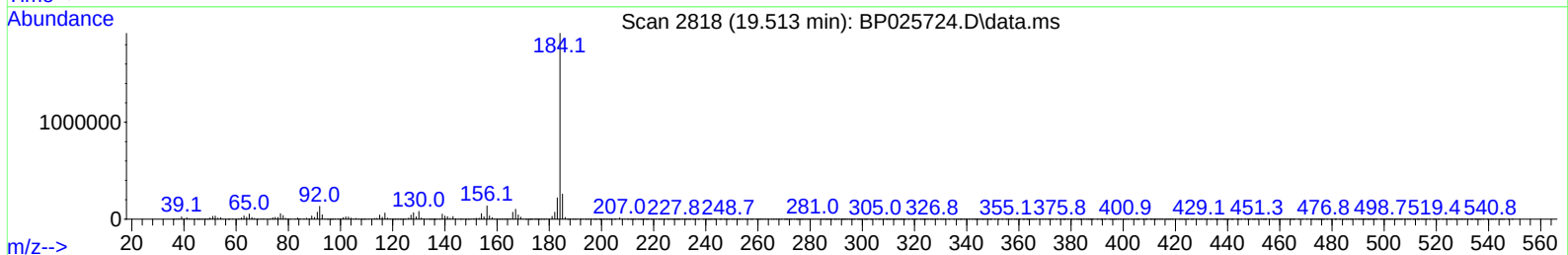
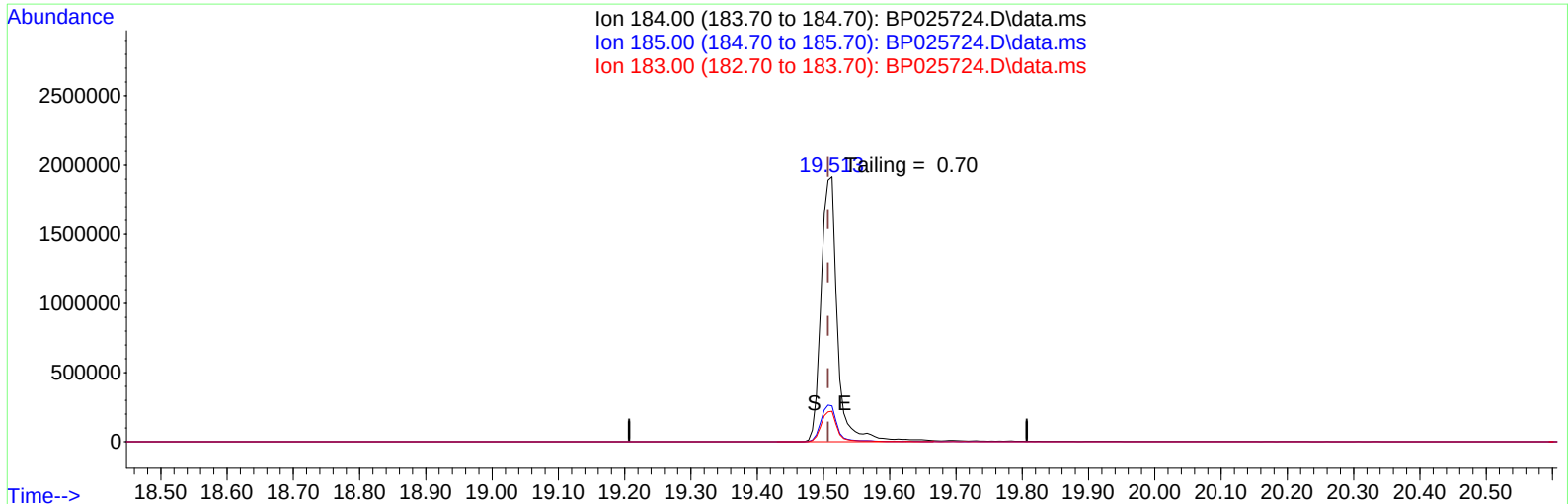
response 589827

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 67.10  | 62.64  |
| 264.00 | 63.80  | 62.05  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091225\  
Data File : BP025724.D  
Acq On : 11 Sep 2025 08:09  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Quant Time: Sep 11 12:58:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 09:20:45 2025  
Response via : Initial Calibration



TIC: BP025724.D\data.ms

**(77) Benzidine**

19.513min (+ 0.006) 4369.52 ng

response 3272403

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.00  | 13.55  |
| 183.00 | 11.50  | 11.52  |
| 0.00   | 0.00   | 0.00   |

### DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 9/12/2025     | BNA_P            | <u>BP025724.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 1712718          | 20.801             |
| DDD           | 33235            | 20.342             |
| DDE           | 3389             | 19.813             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 36624         | 1749342          | 2.09               |
|               |                  |                    |

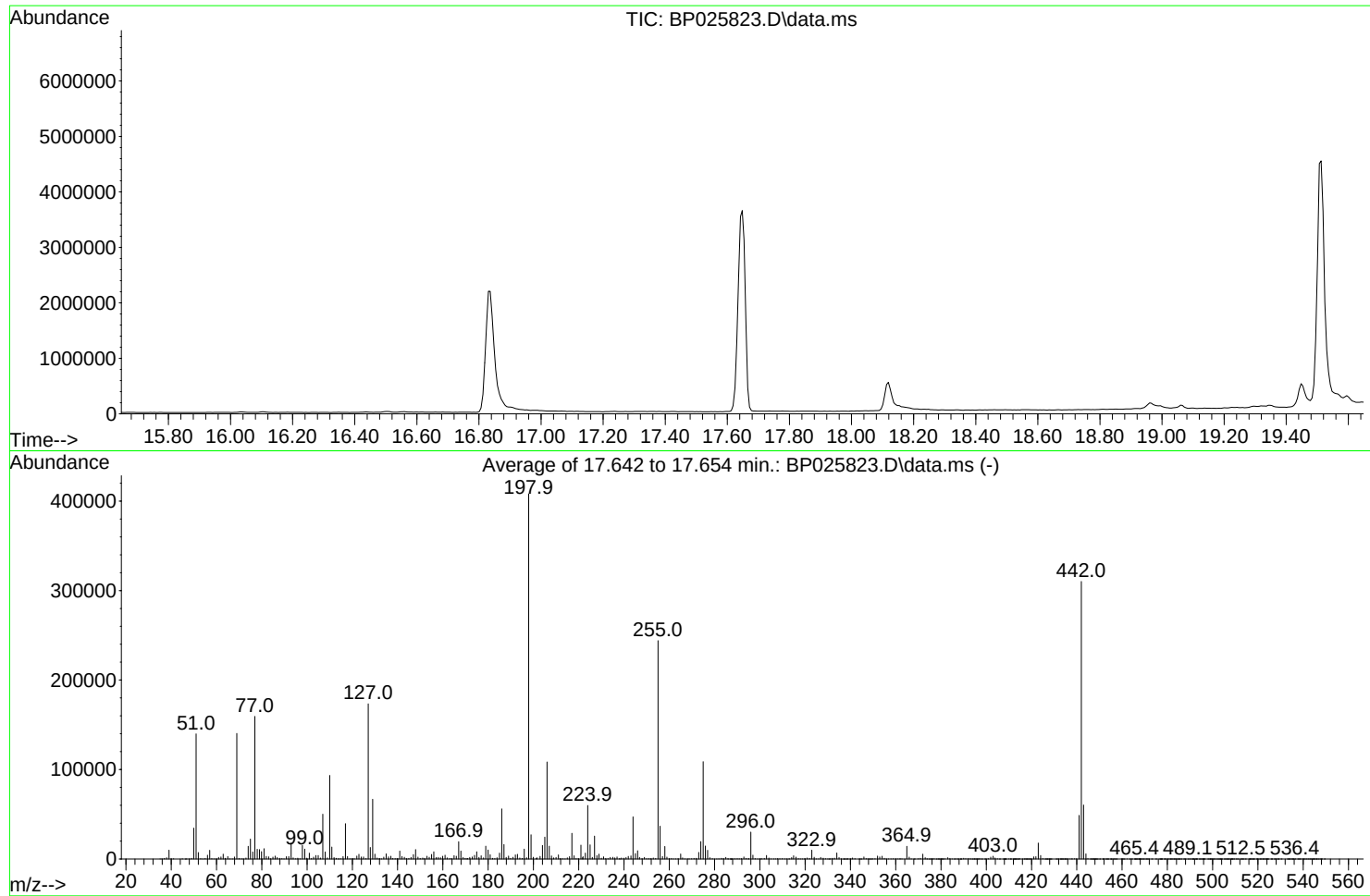
Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025823.D  
Acq On : 23 Sep 2025 09:41  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Thu Sep 11 16:45:04 2025



AutoFind: Scans 2500, 2501, 2502; Background Corrected with Scan 2491

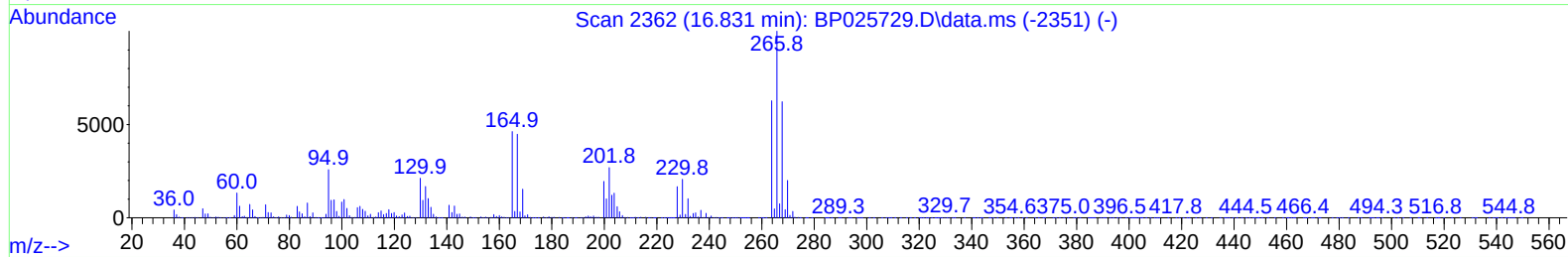
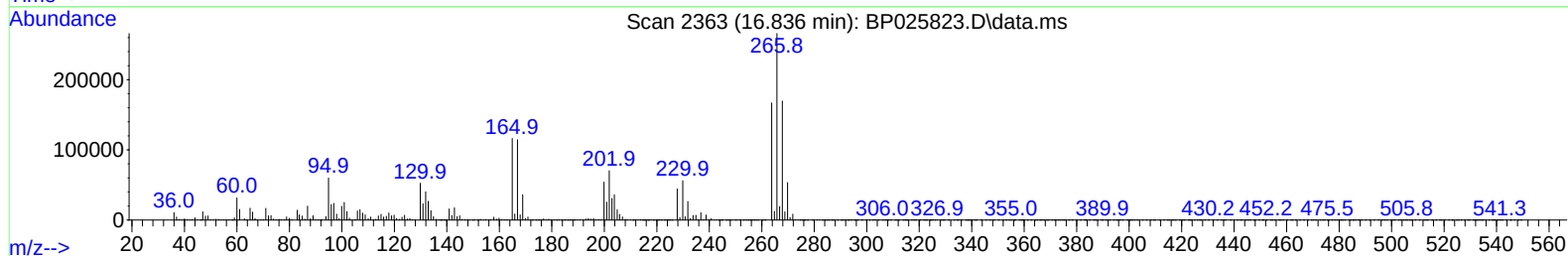
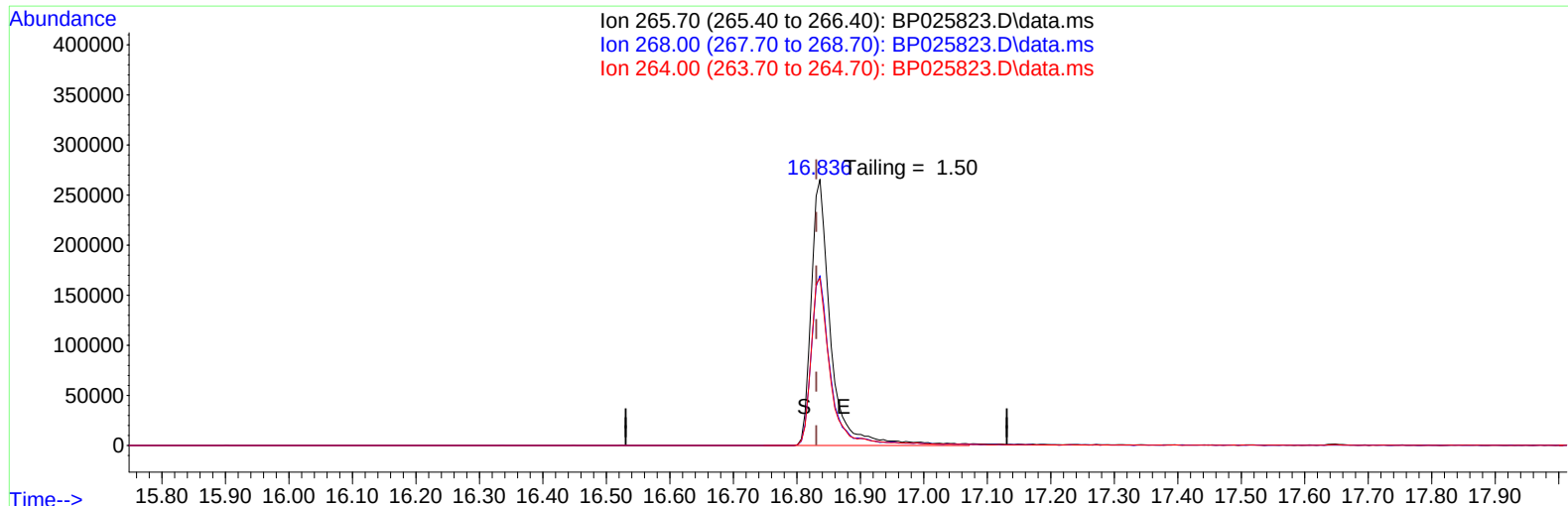
| Target | Rel. to | Lower  | Upper  | Rel.  | Raw    | Result    |
|--------|---------|--------|--------|-------|--------|-----------|
| Mass   | Mass    | Limit% | Limit% | Abn%  | Abn    | Pass/Fail |
| 68     | 69      | 0.00   | 2      | 1.7   | 2328   | PASS      |
| 69     | 69      | 100    | 100    | 100.0 | 140370 | PASS      |
| 70     | 69      | 0.00   | 2      | 0.4   | 543    | PASS      |
| 197    | 198     | 0.00   | 2      | 0.3   | 1363   | PASS      |
| 198    | 198     | 100    | 100    | 100.0 | 408114 | PASS      |
| 199    | 198     | 5      | 9      | 6.6   | 27121  | PASS      |
| 365    | 198     | 1      | 100    | 3.5   | 14163  | PASS      |
| 441    | 443     | 0.01   | 150    | 80.8  | 48712  | PASS      |
| 442    | 442     | 100    | 100    | 100.0 | 310208 | PASS      |
| 443    | 442     | 15     | 24     | 19.4  | 60252  | PASS      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025823.D  
Acq On : 23 Sep 2025 09:41  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Quant Time: Sep 23 11:28:49 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration



TIC: BP025823.D\data.ms

**(70) Pentachlorophenol (C)**

16.836min (+ 0.006) 4627969.76 ng

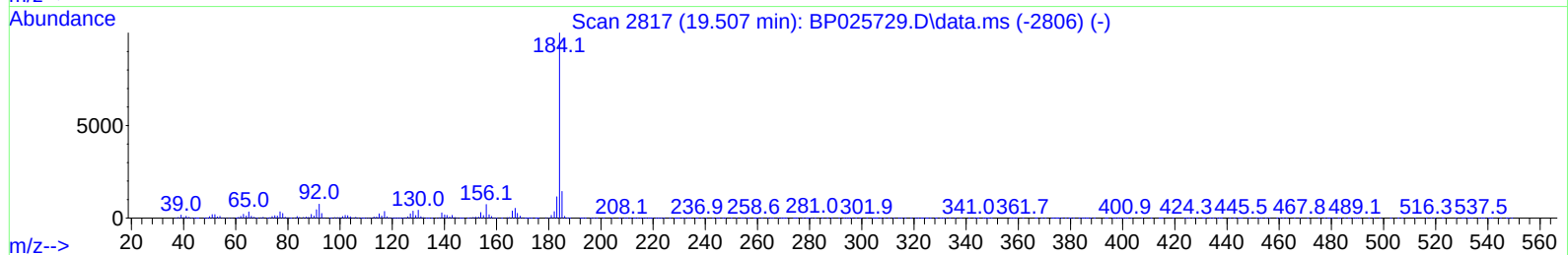
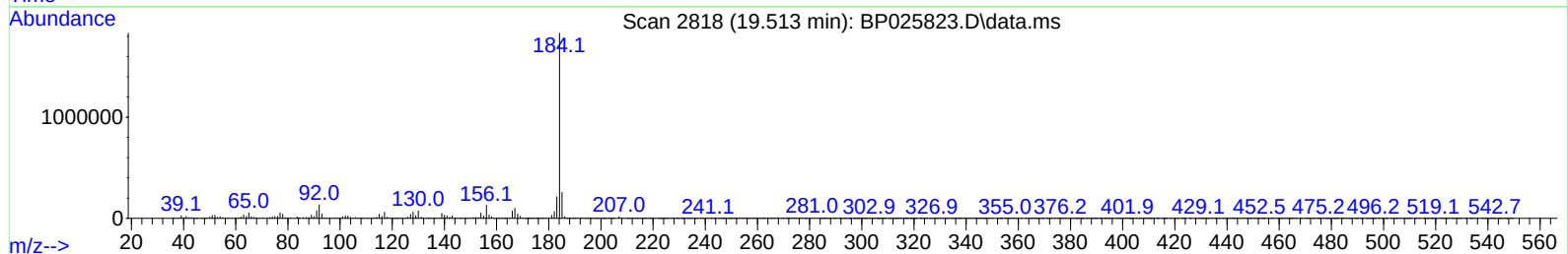
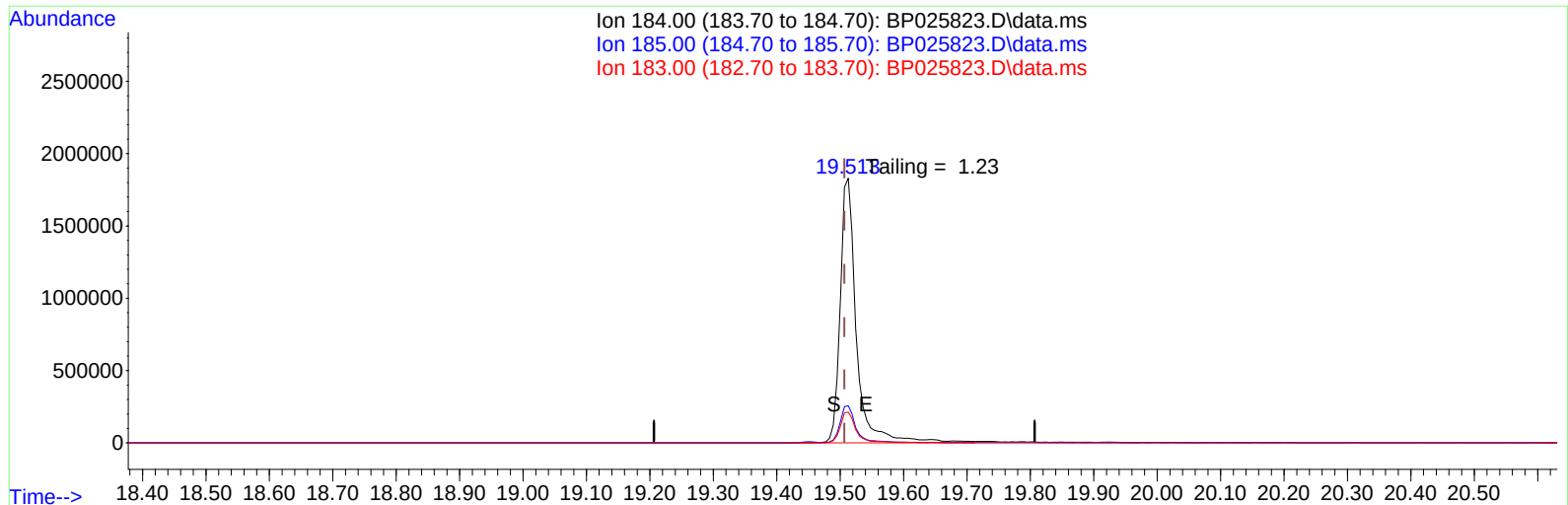
response 561305

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 268.00 | 62.30  | 63.82  |
| 264.00 | 62.70  | 62.81  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025823.D  
Acq On : 23 Sep 2025 09:41  
Operator : CG/JU  
Sample : DFTPP  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

Quant Time: Sep 23 11:28:49 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration



TIC: BP025823.D\data.ms

**(77) Benzidine**

19.513min (+ 0.006) 1208647.75 ng

response 3203028

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 184.00 | 100.00 | 100.00 |
| 185.00 | 14.40  | 14.05  |
| 183.00 | 11.50  | 11.63  |
| 0.00   | 0.00   | 0.00   |

### DDT Breakdown

| Date          | Instrument Name  | DFTPP Data File    |
|---------------|------------------|--------------------|
| 9/23/2025     | BNA_P            | <u>BP025823.D</u>  |
|               |                  |                    |
|               |                  |                    |
| Compound Name | Response         | Retention Time     |
|               |                  |                    |
| DDT           | 1692869          | 20.789             |
| DDD           | 20863            | 20.33              |
| DDE           | 303              | 19.983             |
|               |                  |                    |
|               |                  |                    |
| SUM(DDD+DDE)  | SUM(DDT+DDD+DDE) | % Breakdown Of DDT |
|               |                  |                    |
| 21166         | 1714035          | 1.23               |
|               |                  |                    |

Instrument :  
BNA\_P  
ClientSampleId :  
DFTPP

## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: |                              |
| Project:           | Tanner G. Duckrey Public School | Date Received:  |                              |
| Client Sample ID:  | PB169774BL                      | SDG No.:        | Q3155                        |
| Lab Sample ID:     | PB169774BL                      | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 100                          |
| Sample Wt/Vol:     | 30.01      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :      N               | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025828.D        | 1         | 09/22/25 09:30 | 09/23/25 13:48 | PB169774      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 22.7    | U         | 22.7     | 170        | ug/Kg             |
| 86-73-7                   | Fluorene               | 25.3    | U         | 25.3     | 170        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 20.9    | U         | 20.9     | 170        | ug/Kg             |
| 120-12-7                  | Anthracene             | 33.3    | U         | 33.3     | 170        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 36.0    | U         | 36.0     | 170        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 23.0    | U         | 23.0     | 170        | ug/Kg             |
| 218-01-9                  | Chrysene               | 19.9    | U         | 19.9     | 170        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 19.0    | U         | 19.0     | 170        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 29.5    | U         | 29.5     | 170        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 29.1    | U         | 29.1     | 170        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 25.7    | U         | 25.7     | 170        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 72.8    |           | 18 - 107 | 73%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 71.4    |           | 20 - 109 | 71%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 67.4    |           | 10 - 105 | 67%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 227000  | 7.749     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 890000  | 10.519    |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 601000  | 14.372    |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1400000 | 17.178    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 1750000 | 21.636    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 1630000 | 25.001    |          |            |                   |

## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: |                              |
| Project:           | Tanner G. Duckrey Public School | Date Received:  |                              |
| Client Sample ID:  | PB169774BL                      | SDG No.:        | Q3155                        |
| Lab Sample ID:     | PB169774BL                      | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 100                          |
| Sample Wt/Vol:     | 30.01      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :    N                 | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025828.D        | 1         | 09/22/25 09:30 | 09/23/25 13:48 | PB169774      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025828.D  
Acq On : 23 Sep 2025 13:48  
Operator : CG/JU  
Sample : PB169774BL  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BL

Quant Time: Sep 23 14:09:18 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.749  | 152  | 226989   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.519 | 136  | 889928   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.372 | 164  | 600979   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.178 | 188  | 1402806  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.636 | 240  | 1747164  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.001 | 264  | 1629648  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.384  | 112  | 1734129  | 123.270 | ng    | 0.00     |
| 7) Phenol-d6                | 6.955  | 99   | 2180413  | 116.609 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.896  | 82   | 1469707  | 72.849  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.895 | 330  | 1002082  | 133.682 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.984 | 172  | 3221809  | 71.381  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.901 | 244  | 6542411  | 67.365  | ng    | -0.01    |

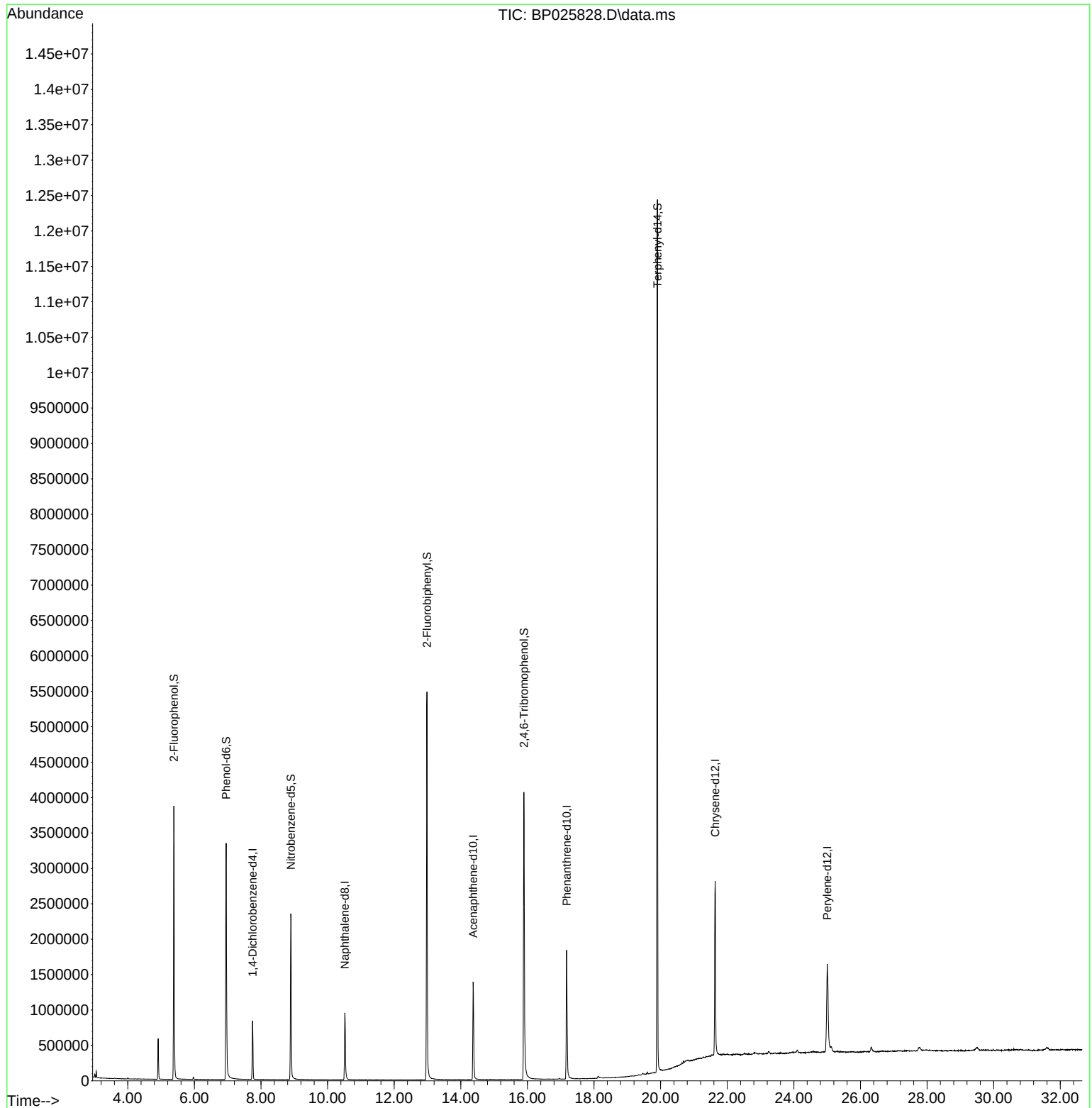
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

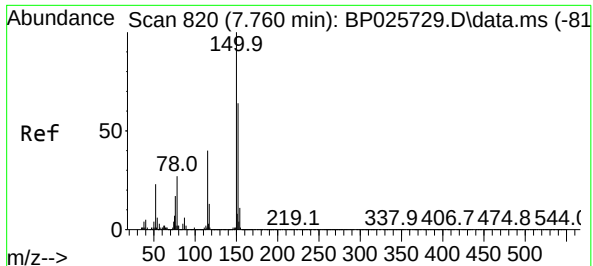
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
Data File : BP025828.D  
Acq On : 23 Sep 2025 13:48  
Operator : CG/JU  
Sample : PB169774BL  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BL

Quant Time: Sep 23 14:09:18 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

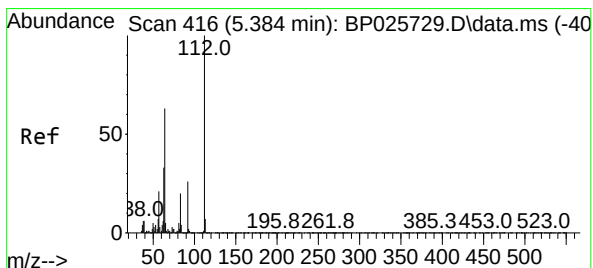
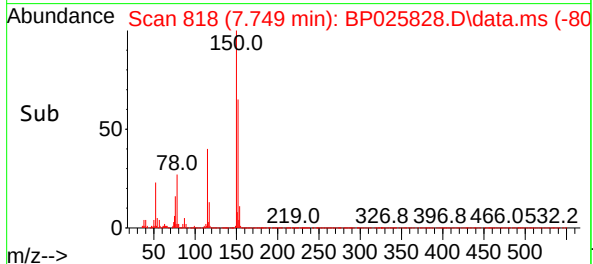
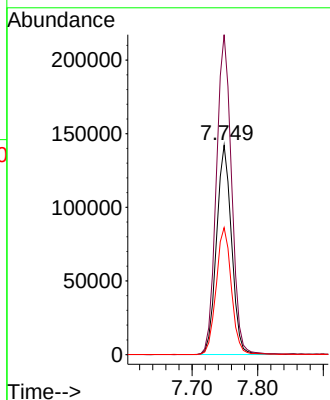
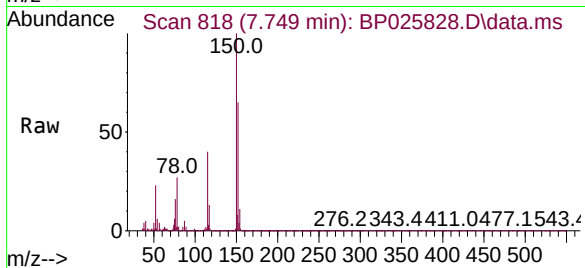




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.749 min Scan# 818  
Delta R.T. -0.011 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

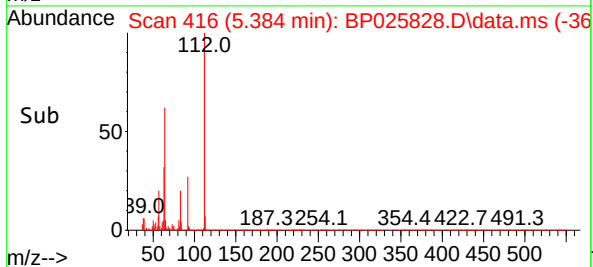
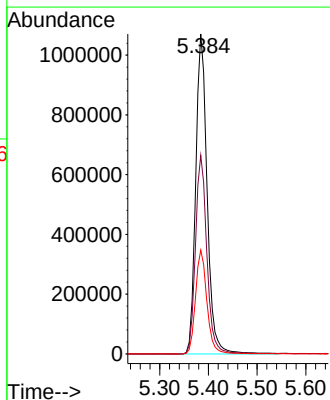
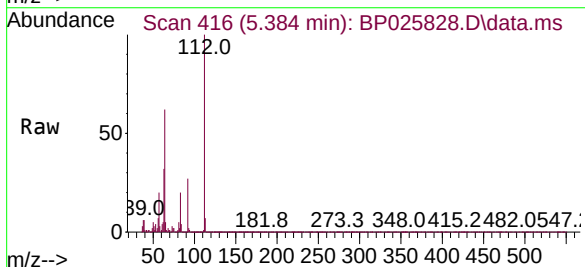
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BL

Tgt Ion:152 Resp: 226989  
Ion Ratio Lower Upper  
152 100  
150 152.8 124.3 186.5  
115 60.6 50.3 75.5

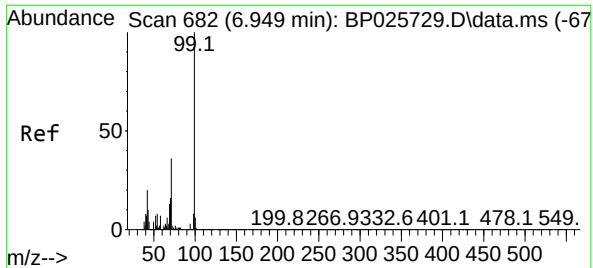


#5  
2-Fluorophenol  
Concen: 123.270 ng  
RT: 5.384 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion:112 Resp: 1734129  
Ion Ratio Lower Upper  
112 100  
64 62.0 50.2 75.4  
63 32.5 26.7 40.1



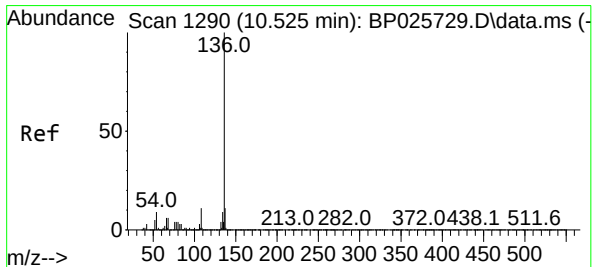
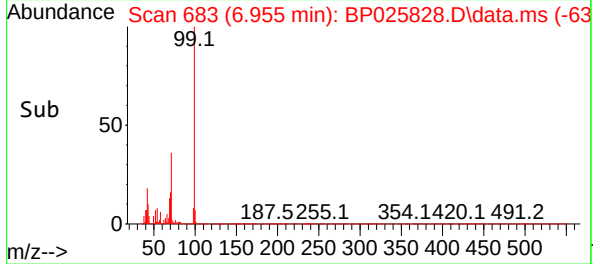
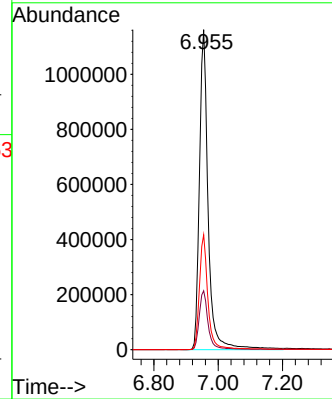
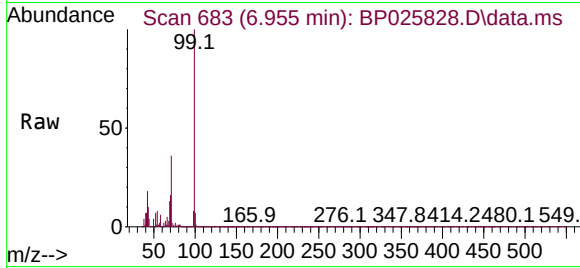




#7  
Phenol-d6  
Concen: 116.609 ng  
RT: 6.955 min Scan# 683  
Delta R.T. 0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

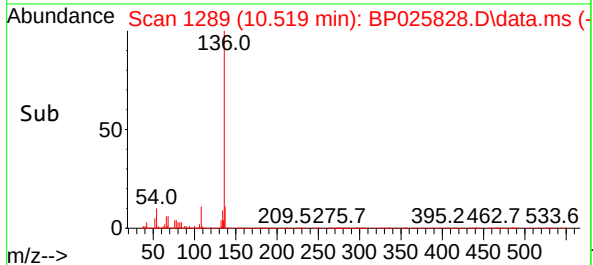
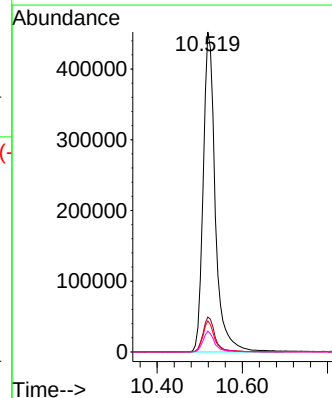
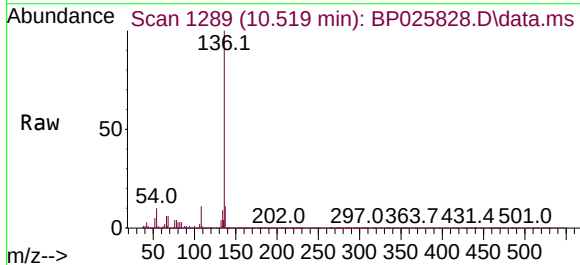
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BL

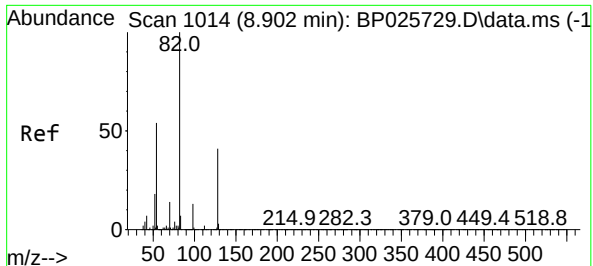
Tgt Ion: 99 Resp: 2180413  
Ion Ratio Lower Upper  
99 100  
42 18.4 15.6 23.4  
71 35.9 28.6 43.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion: 136 Resp: 889928  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 9.7 7.5 11.3  
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 72.849 ng

RT: 8.896 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

Instrument :

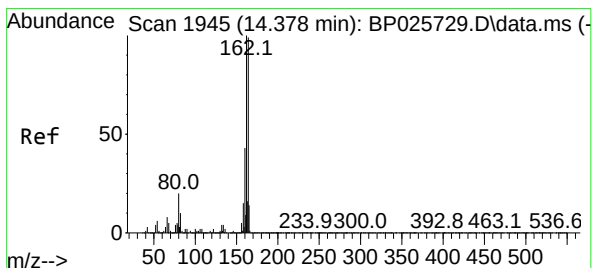
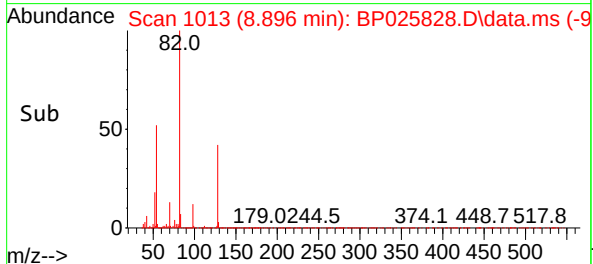
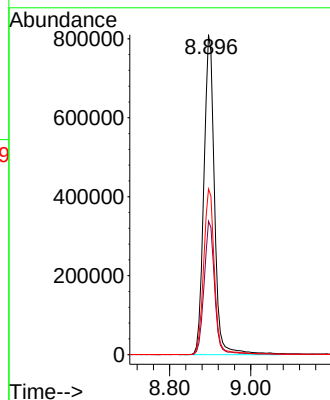
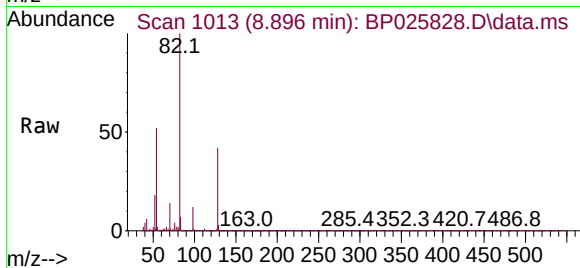
BNA\_P

ClientSampleId :

PB169774BL

Tgt Ion: 82 Resp: 1469707

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.7  | 32.9  | 49.3  |
| 54  | 51.8  | 43.4  | 65.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1944

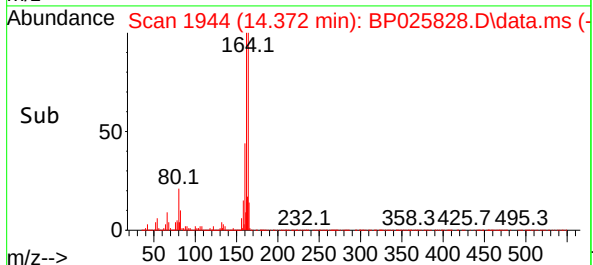
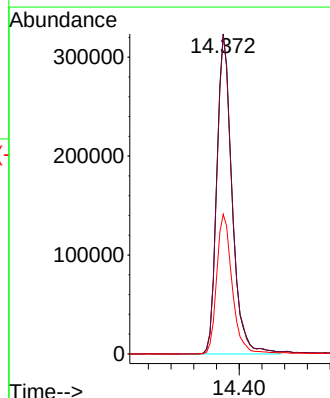
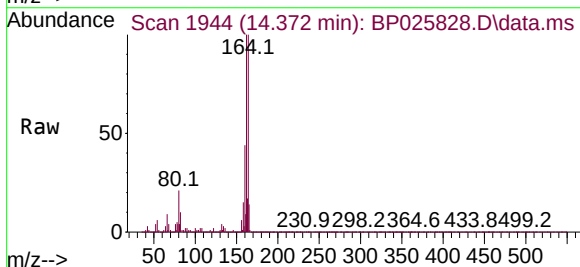
Delta R.T. -0.006 min

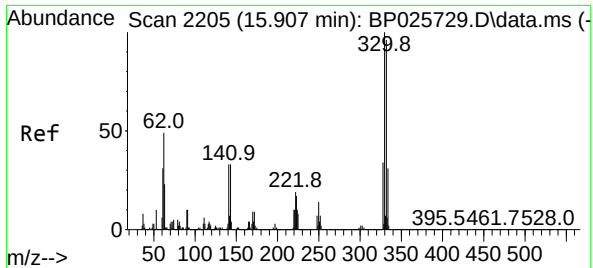
Lab File: BP025828.D

Acq: 23 Sep 2025 13:48

Tgt Ion: 164 Resp: 600979

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.7  | 80.6  | 120.8 |
| 160 | 43.7  | 35.0  | 52.6  |

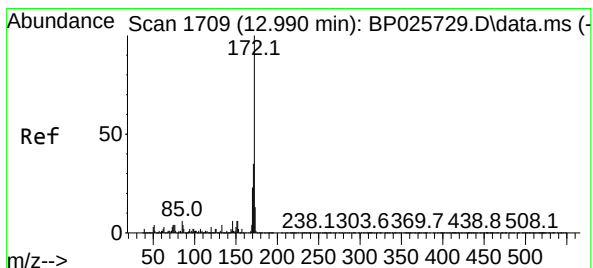
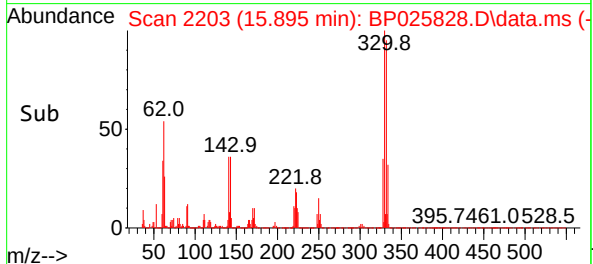
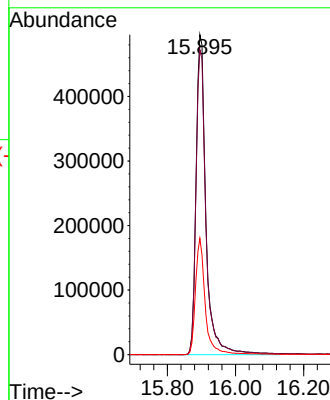
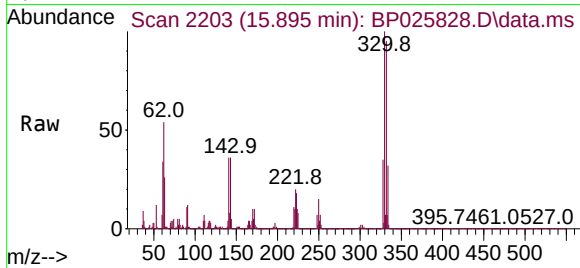




#42  
2,4,6-Tribromophenol  
Concen: 133.682 ng  
RT: 15.895 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

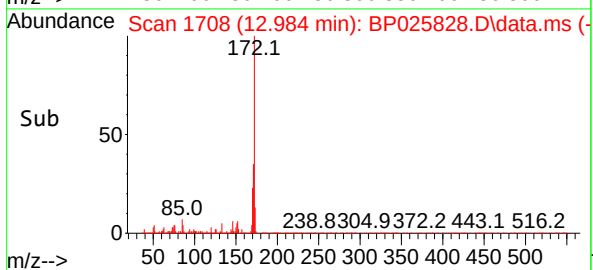
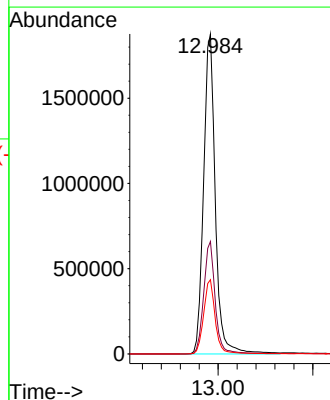
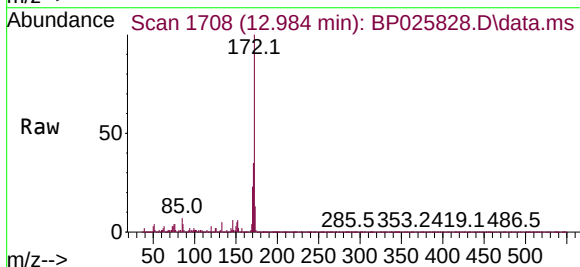
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BL

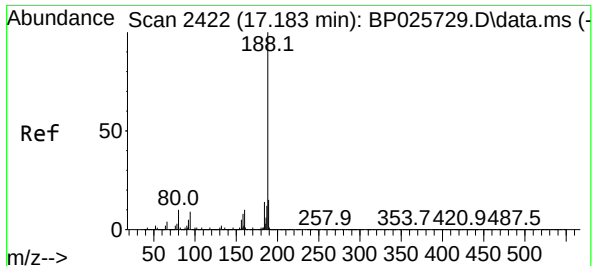
Tgt Ion:330 Resp: 1002082  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.9 115.3  
141 35.6 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 71.381 ng  
RT: 12.984 min Scan# 1708  
Delta R.T. -0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion:172 Resp: 3221809  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.8 41.6  
170 23.2 18.6 27.8

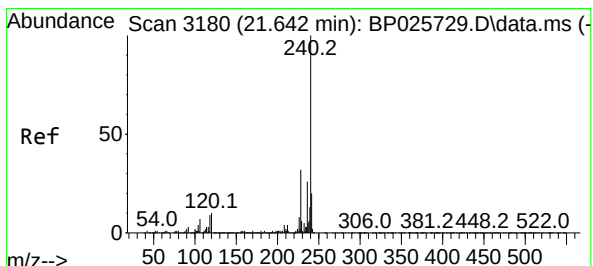
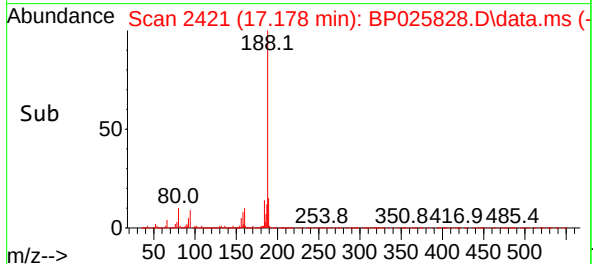
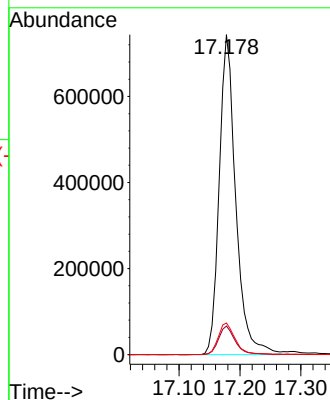
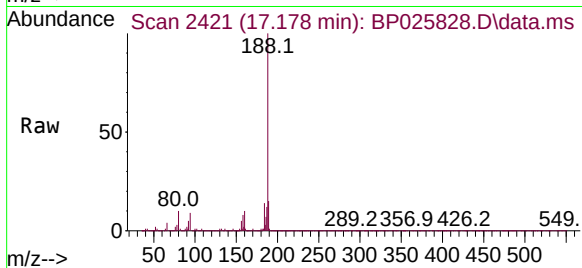




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.178 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

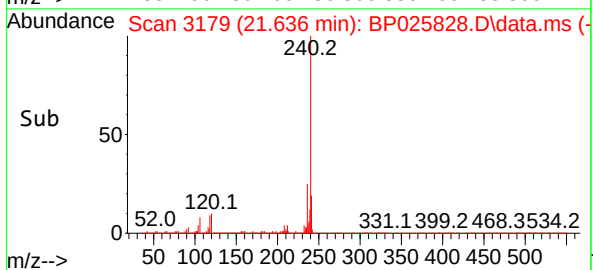
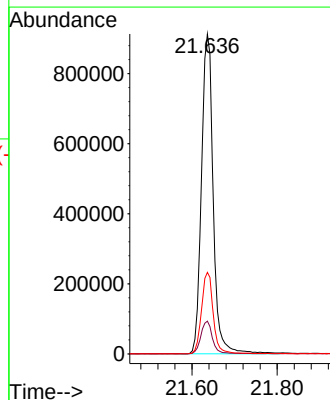
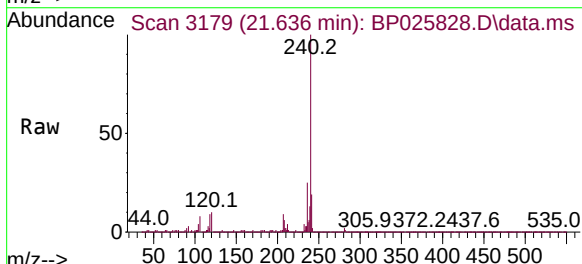
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BL

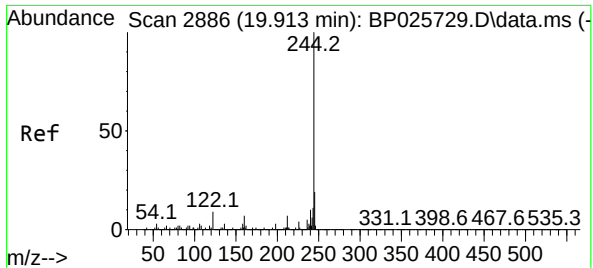
Tgt Ion:188 Resp: 1402806  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.4 11.0  
80 9.9 7.7 11.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3179  
Delta R.T. -0.006 min  
Lab File: BP025828.D  
Acq: 23 Sep 2025 13:48

Tgt Ion:240 Resp: 1747164  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.0 12.0  
236 25.5 20.7 31.1

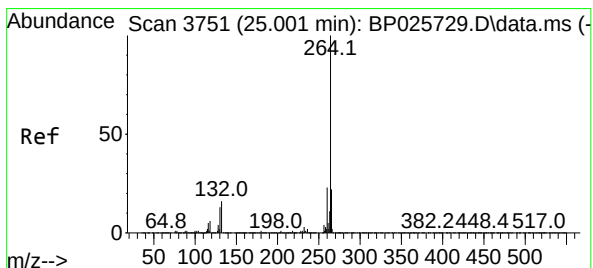
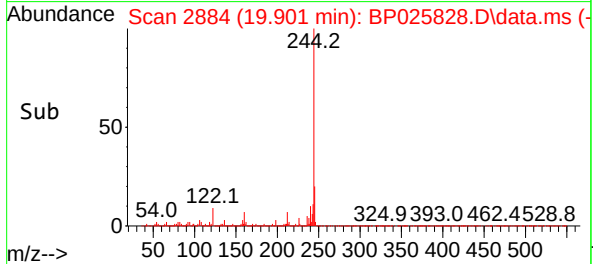
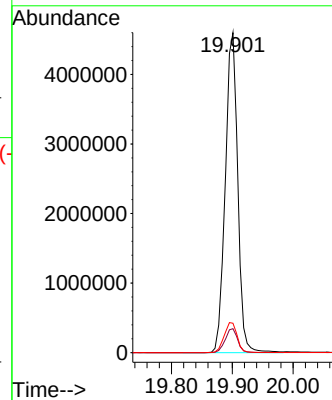
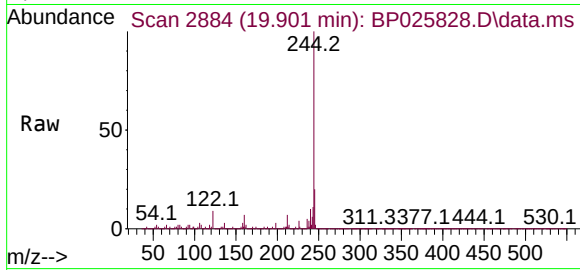




#79  
 Terphenyl-d14  
 Concen: 67.365 ng  
 RT: 19.901 min Scan# 2884  
 Delta R.T. -0.012 min  
 Lab File: BP025828.D  
 Acq: 23 Sep 2025 13:48

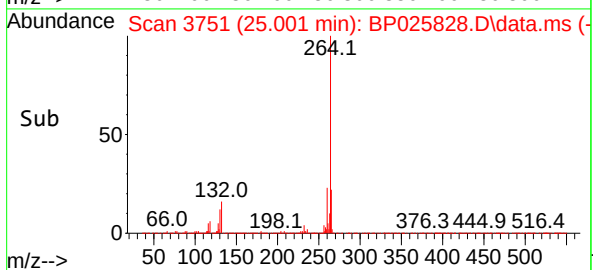
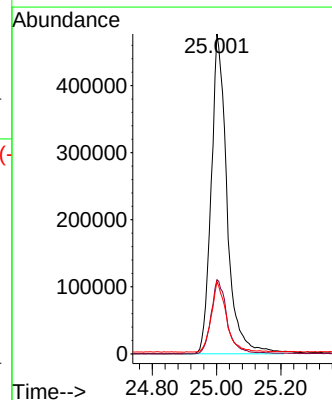
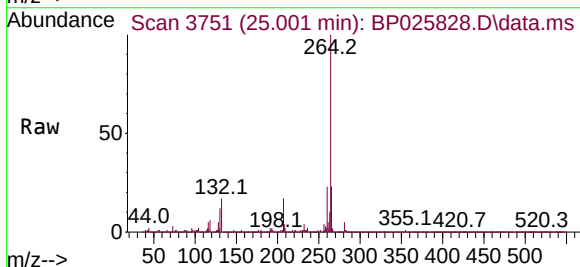
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169774BL

Tgt Ion:244 Resp: 6542411  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.9 8.9  
 122 9.2 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.001 min Scan# 3751  
 Delta R.T. 0.000 min  
 Lab File: BP025828.D  
 Acq: 23 Sep 2025 13:48

Tgt Ion:264 Resp: 1629648  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.3 27.5  
 265 22.5 17.3 25.9



## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: |                              |
| Project:           | Tanner G. Duckrey Public School | Date Received:  |                              |
| Client Sample ID:  | PB169774BS                      | SDG No.:        | Q3155                        |
| Lab Sample ID:     | PB169774BS                      | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 100                          |
| Sample Wt/Vol:     | 30.02      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :      N               | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025829.D        | 1         | 09/22/25 09:30 | 09/23/25 14:29 | PB169774      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 1300    |           | 22.7     | 170        | ug/Kg             |
| 86-73-7                   | Fluorene               | 1400    |           | 25.3     | 170        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 1400    |           | 20.9     | 170        | ug/Kg             |
| 120-12-7                  | Anthracene             | 1400    |           | 33.3     | 170        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 1500    |           | 36.0     | 170        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 1400    |           | 23.0     | 170        | ug/Kg             |
| 218-01-9                  | Chrysene               | 1400    |           | 19.9     | 170        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 1700    |           | 19.0     | 170        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 1500    |           | 29.5     | 170        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 1400    |           | 29.1     | 170        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 1400    |           | 25.7     | 170        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 69.3    |           | 18 - 107 | 69%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 67.8    |           | 20 - 109 | 68%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 74.3    |           | 10 - 105 | 74%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 242000  | 7.749     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 992000  | 10.519    |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 682000  | 14.366    |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1450000 | 17.16     |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 1420000 | 21.624    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 1140000 | 24.983    |          |            |                   |

## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: |                              |
| Project:           | Tanner G. Duckrey Public School | Date Received:  |                              |
| Client Sample ID:  | PB169774BS                      | SDG No.:        | Q3155                        |
| Lab Sample ID:     | PB169774BS                      | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 100                          |
| Sample Wt/Vol:     | 30.02      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :    N                 | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025829.D        | 1         | 09/22/25 09:30 | 09/23/25 14:29 | PB169774      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025829.D  
 Acq On : 23 Sep 2025 14:29  
 Operator : CG/JU  
 Sample : PB169774BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169774BS

Quant Time: Sep 23 14:54:10 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.749  | 152  | 241907   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.519 | 136  | 991516   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.366 | 164  | 681683   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.160 | 188  | 1453274  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.624 | 240  | 1418311  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 24.983 | 264  | 1138065  | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.390  | 112  | 1830257  | 122.080 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.955  | 99   | 2366182  | 118.740 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.896  | 82   | 1557808  | 69.304  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.884 | 330  | 1018199  | 119.751 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 12.978 | 172  | 3471744  | 67.812  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.901 | 244  | 5857684  | 74.299  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.308  | 88   | 194181   | 30.860  | ng    | 99       |
| 3) Pyridine                   | 3.702  | 79   | 565178   | 32.620  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.608  | 42   | 321046   | 39.268  | ng    | 100      |
| 6) Aniline                    | 7.090  | 93   | 837788   | 30.626  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.331  | 128  | 739270   | 44.949  | ng    | 99       |
| 9) Benzaldehyde               | 6.908  | 77   | 190835   | 15.977  | ng    | 99       |
| 10) Phenol                    | 6.978  | 94   | 934880   | 44.492  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.184  | 93   | 698972   | 41.404  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.637  | 146  | 755512   | 40.361  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 7.784  | 146  | 768201   | 40.288  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.096  | 146  | 749457   | 40.459  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.996  | 79   | 693124   | 42.093  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.266  | 45   | 1088593  | 39.431  | ng    | 99       |
| 17) 2-Methylphenol            | 8.207  | 107  | 621168   | 43.847  | ng    | 98       |
| 18) Hexachloroethane          | 8.813  | 117  | 292678   | 40.185  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.549  | 70   | 563967   | 40.576  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.531  | 107  | 843947   | 42.538  | ng    | 99       |
| 22) Acetophenone              | 8.566  | 105  | 1091248  | 41.184  | ng    | # 99     |
| 24) Nitrobenzene              | 8.937  | 77   | 828000   | 41.062  | ng    | 98       |
| 25) Isophorone                | 9.460  | 82   | 1601081  | 40.525  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.643  | 139  | 405058   | 45.243  | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 706022   | 44.952  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 9.925  | 93   | 946822   | 41.458  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.190 | 162  | 716400   | 45.747  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.384 | 180  | 734720   | 41.630  | ng    | 99       |
| 31) Naphthalene               | 10.566 | 128  | 2152887  | 40.269  | ng    | 99       |
| 32) Benzoic acid              | 9.913  | 122  | 552842   | 47.343  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.684 | 127  | 563526   | 25.289  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.849 | 225  | 462758   | 40.731  | ng    | 99       |
| 35) Caprolactam               | 11.496 | 113  | 264114   | 43.752  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.831 | 107  | 834826   | 44.714  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.178 | 142  | 1412464  | 41.134  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.396 | 142  | 1476903  | 40.333  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.548 | 216  | 852296   | 41.260  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.525 | 237  | 823538   | 73.200  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.795 | 196  | 606716   | 44.678  | ng    | 99       |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025829.D  
 Acq On : 23 Sep 2025 14:29  
 Operator : CG/JU  
 Sample : PB169774BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169774BS

Quant Time: Sep 23 14:54:10 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

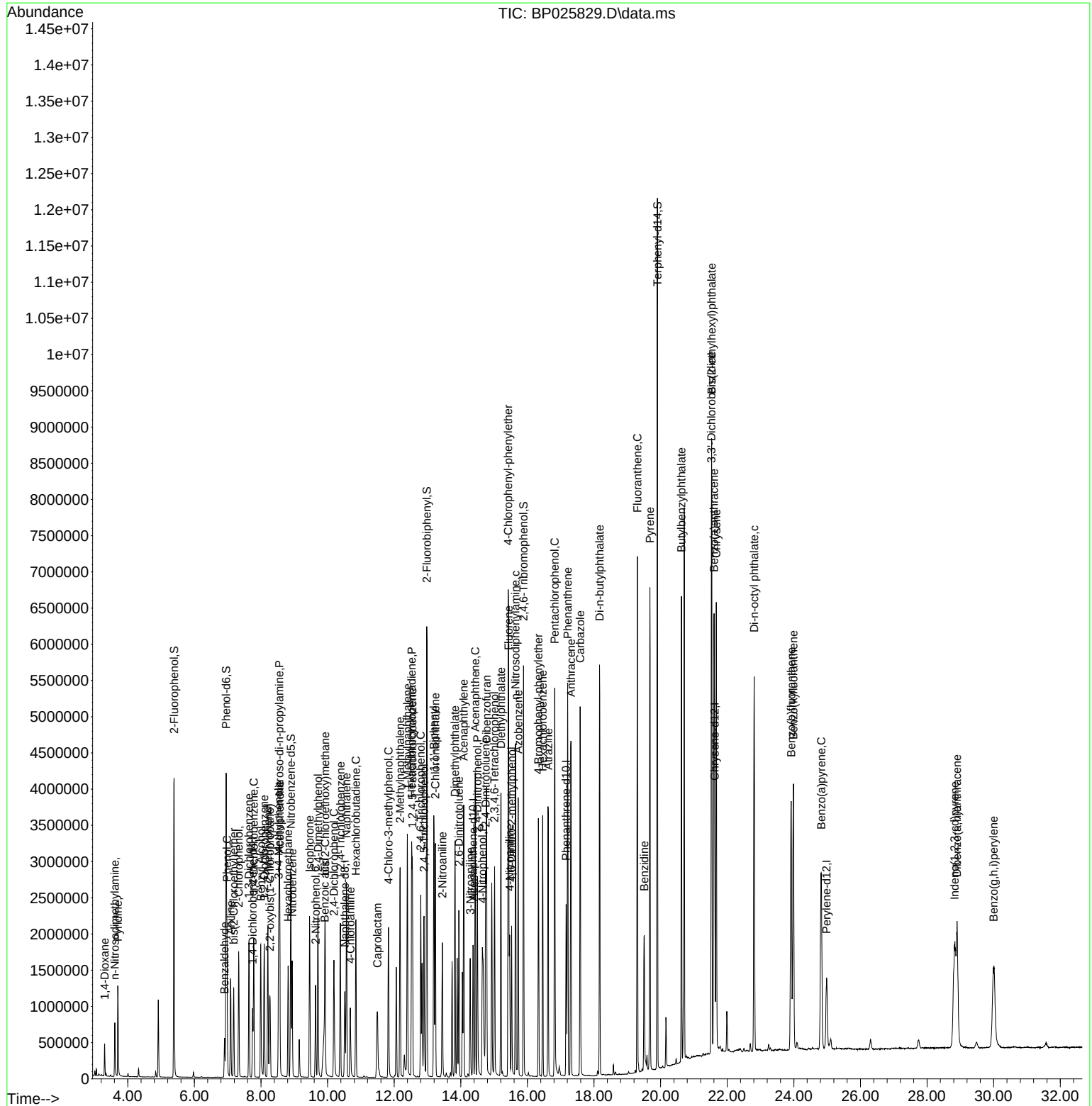
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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.895 | 196  | 667729   | 44.182 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.190 | 154  | 2048301  | 40.937 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.237 | 162  | 1595487  | 40.496 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.443 | 65   | 589416   | 44.880 | ng    | 98       |
| 49) Acenaphthylene            | 14.090 | 152  | 2691532  | 41.231 | ng    | 99       |
| 50) Dimethylphthalate         | 13.825 | 163  | 2182559  | 41.937 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.942 | 165  | 490244   | 44.461 | ng    | 98       |
| 52) Acenaphthene              | 14.437 | 154  | 1511693  | 40.156 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.284 | 138  | 410915   | 35.439 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.495 | 184  | 667460   | 92.312 | ng    | 97       |
| 55) Dibenzofuran              | 14.772 | 168  | 2504803  | 40.824 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.648 | 139  | 768428   | 77.126 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.748 | 165  | 719986   | 45.882 | ng    | 96       |
| 58) Fluorene                  | 15.437 | 166  | 1998268  | 40.958 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.013 | 232  | 608441   | 44.691 | ng    | 98       |
| 60) Diethylphthalate          | 15.207 | 149  | 2302476  | 43.615 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.425 | 204  | 1019460  | 41.462 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.466 | 138  | 551265   | 46.407 | ng    | 97       |
| 63) Azobenzene                | 15.725 | 77   | 2164974  | 42.413 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.525 | 198  | 454463   | 47.023 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.642 | 169  | 1855030  | 41.711 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.331 | 248  | 670251   | 41.981 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.460 | 284  | 745391   | 41.866 | ng    | 94       |
| 69) Atrazine                  | 16.625 | 200  | 712462   | 41.910 | ng    | 96       |
| 70) Pentachlorophenol         | 16.819 | 266  | 976380   | 83.091 | ng    | 98       |
| 71) Phenanthrene              | 17.207 | 178  | 3375172  | 40.942 | ng    | 99       |
| 72) Anthracene                | 17.307 | 178  | 3428247  | 40.986 | ng    | 100      |
| 73) Carbazole                 | 17.583 | 167  | 3294726  | 42.368 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.166 | 149  | 4217646  | 44.196 | ng    | 100      |
| 75) Fluoranthene              | 19.301 | 202  | 4029329  | 40.754 | ng    | 100      |
| 77) Benzidine                 | 19.507 | 184  | 1468939  | 35.955 | ng    | 100      |
| 78) Pyrene                    | 19.677 | 202  | 4236623  | 44.767 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.624 | 149  | 2016722  | 48.602 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.601 | 228  | 4175782  | 43.005 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.524 | 252  | 1193425  | 35.546 | ng    | 99       |
| 83) Chrysene                  | 21.671 | 228  | 3844315  | 41.533 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.530 | 149  | 2895302  | 47.692 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.807 | 149  | 5129788  | 47.503 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.824 | 276  | 3400109  | 41.083 | ng    | # 83     |
| 88) Benzo(b)fluoranthene      | 23.918 | 252  | 3464231  | 49.777 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.989 | 252  | 3538734  | 49.829 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.824 | 252  | 3124450  | 45.844 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.901 | 278  | 2858622  | 42.208 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.000 | 276  | 2762595  | 41.477 | ng    | 99       |

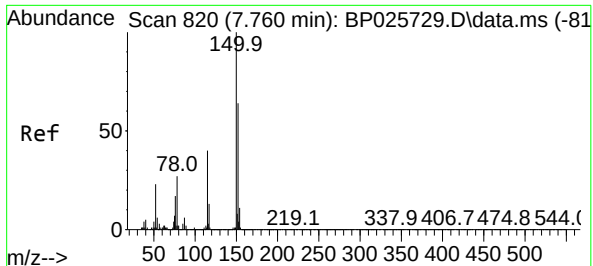
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Acq On    : 23 Sep 2025  14:29  
Operator  : CG/JU  
Sample    : PB169774BS  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
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**Instrument :**  
BNA\_P  
**ClientSampleId :**  
PB169774BS

Quant Time: Sep 23 14:54:10 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Qlast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

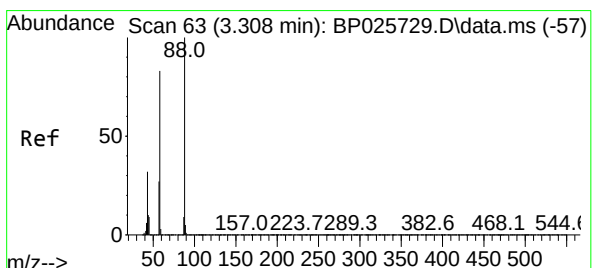
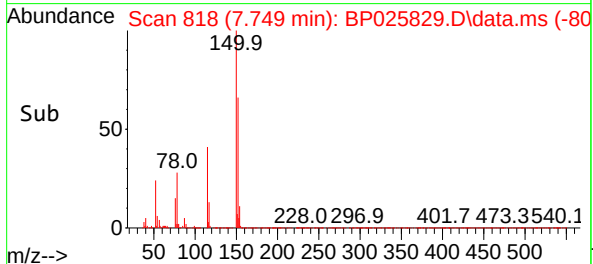
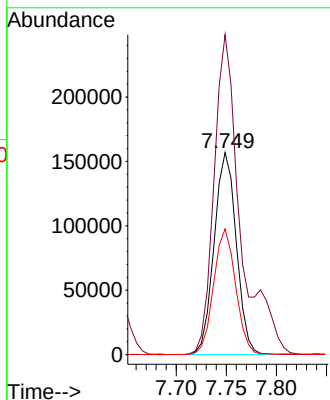
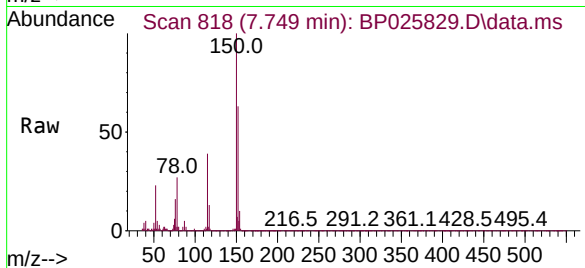




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.749 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

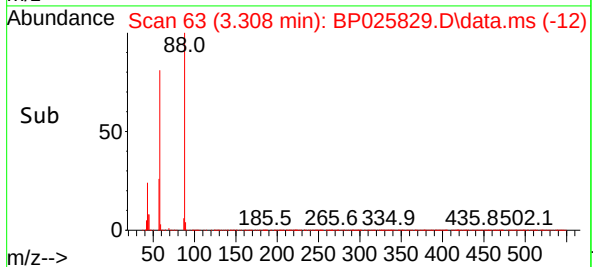
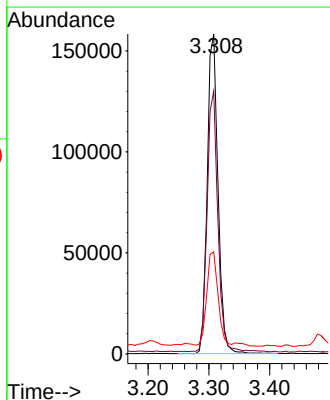
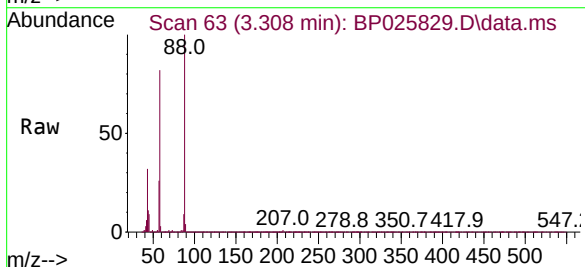
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BNA\_P  
ClientSampleId :  
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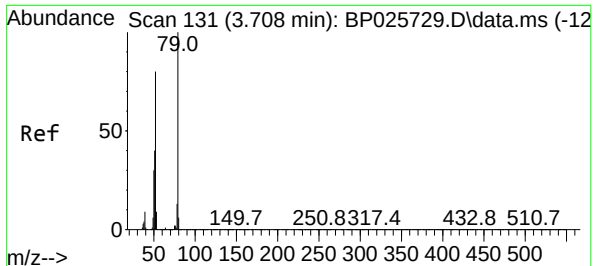
Tgt Ion:152 Resp: 241907  
Ion Ratio Lower Upper  
152 100  
150 158.4 124.3 186.5  
115 62.2 50.3 75.5



#2  
1,4-Dioxane  
Concen: 30.860 ng  
RT: 3.308 min Scan# 63  
Delta R.T. -0.000 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 88 Resp: 194181  
Ion Ratio Lower Upper  
88 100  
58 81.4 65.5 98.3  
43 30.4 25.2 37.8

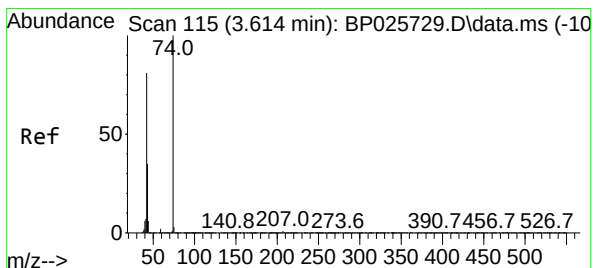
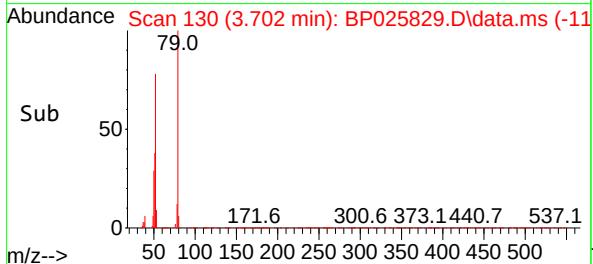
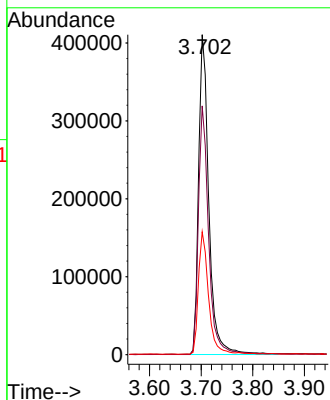
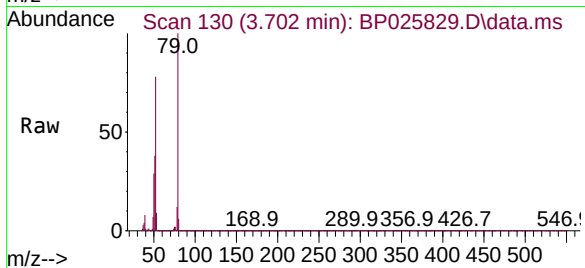




#3  
Pyridine  
Concen: 32.620 ng  
RT: 3.702 min Scan# 113  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

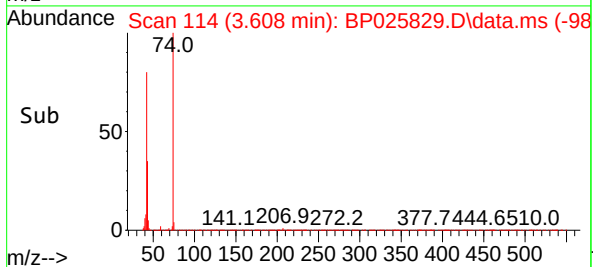
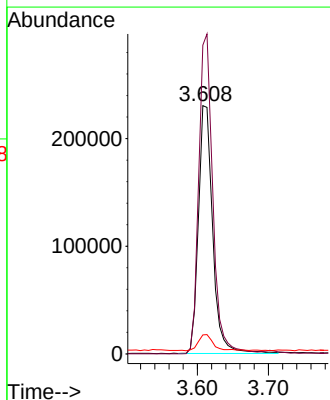
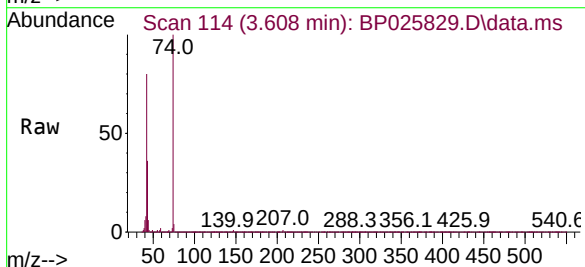
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BNA\_P  
ClientSampleId :  
PB169774BS

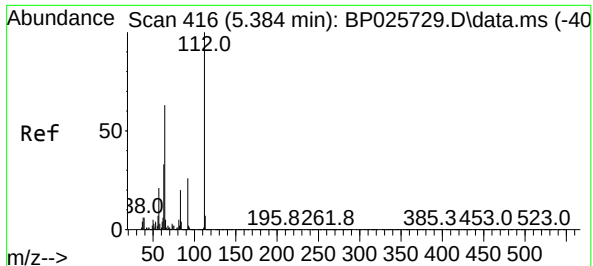
Tgt Ion: 79 Resp: 565178  
Ion Ratio Lower Upper  
79 100  
52 77.7 63.7 95.5  
51 38.4 32.4 48.6



#4  
n-Nitrosodimethylamine  
Concen: 39.268 ng  
RT: 3.608 min Scan# 114  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 42 Resp: 321046  
Ion Ratio Lower Upper  
42 100  
74 124.3 99.2 148.8  
44 7.6 6.4 9.6

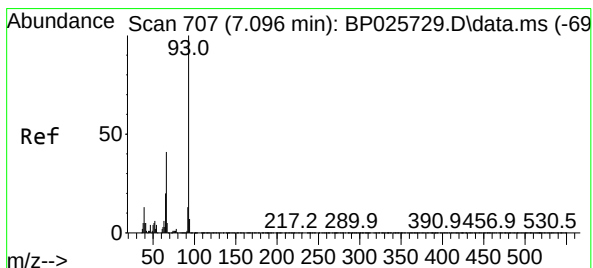
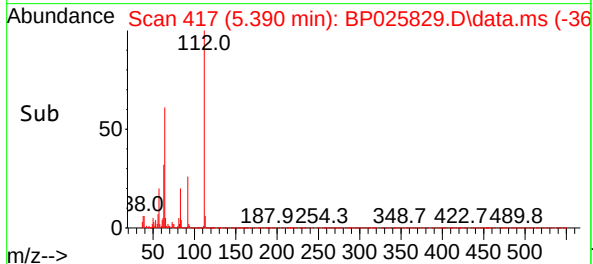
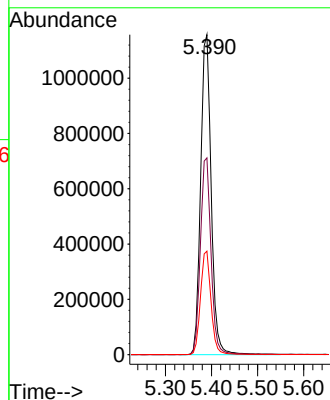
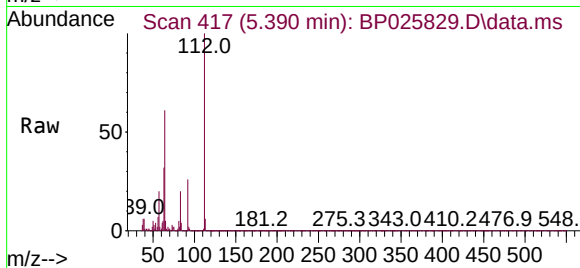




#5  
2-Fluorophenol  
Concen: 122.080 ng  
RT: 5.390 min Scan# 416  
Delta R.T. 0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

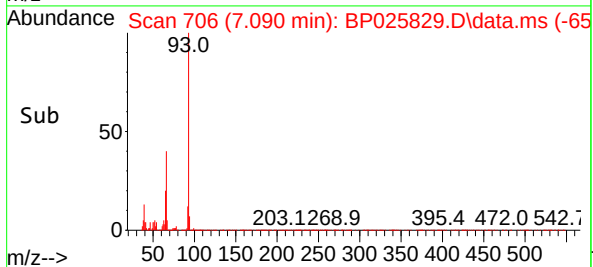
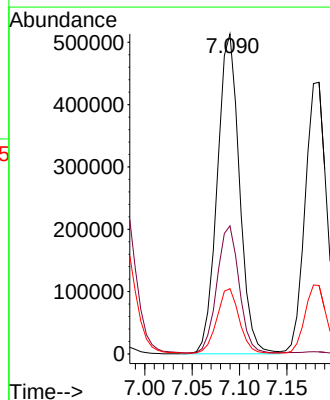
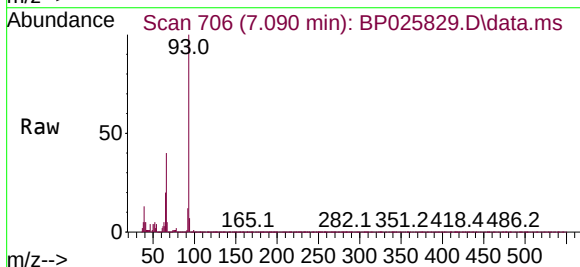
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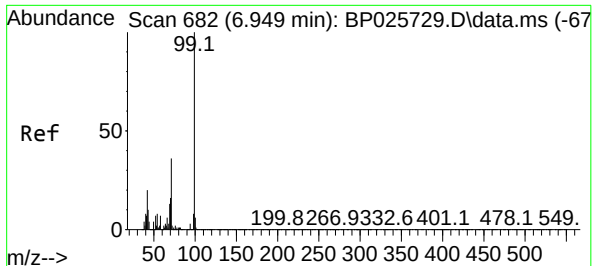
Tgt Ion:112 Resp: 1830257  
Ion Ratio Lower Upper  
112 100  
64 61.5 50.2 75.4  
63 32.3 26.7 40.1



#6  
Aniline  
Concen: 30.626 ng  
RT: 7.090 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 93 Resp: 837788  
Ion Ratio Lower Upper  
93 100  
66 40.0 32.6 49.0  
65 20.4 16.2 24.2



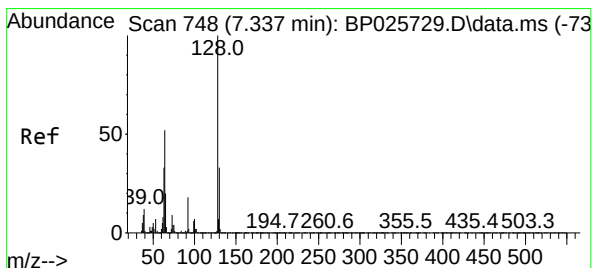
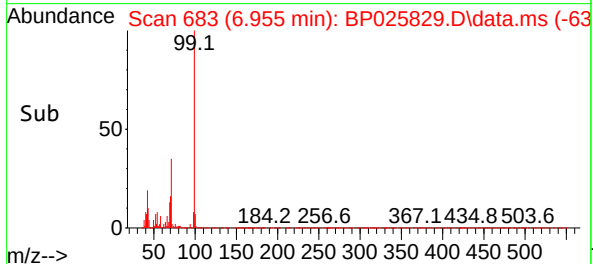
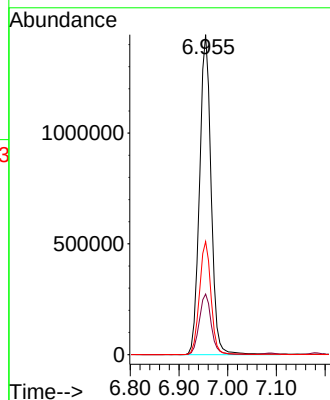
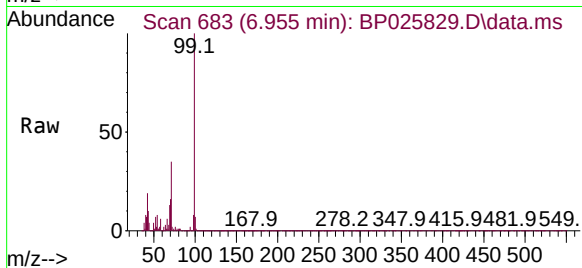


#7  
Phenol-d6  
Concen: 118.740 ng  
RT: 6.955 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

Tgt Ion: 99 Resp: 2366182

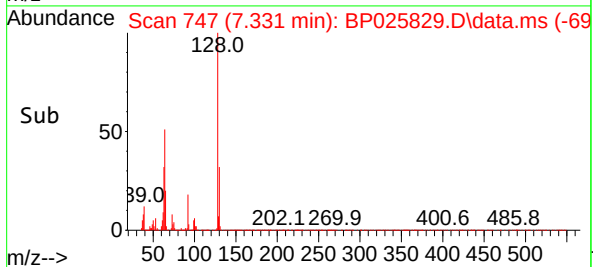
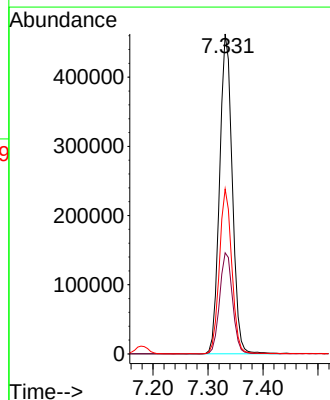
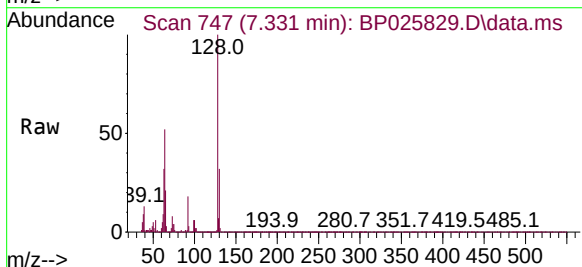
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 15.6  | 23.4  |
| 71  | 35.3  | 28.6  | 43.0  |

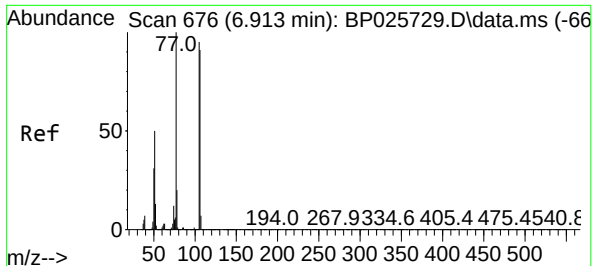


#8  
2-Chlorophenol  
Concen: 44.949 ng  
RT: 7.331 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:128 Resp: 739270

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.6  | 12.6  | 52.6  |
| 64  | 51.5  | 31.6  | 71.6  |

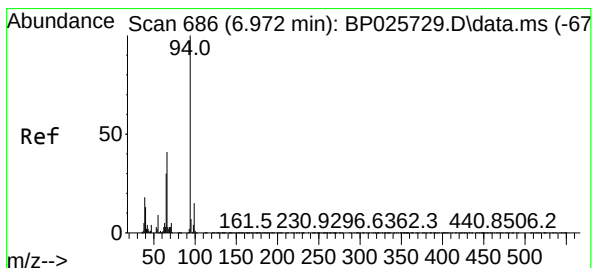
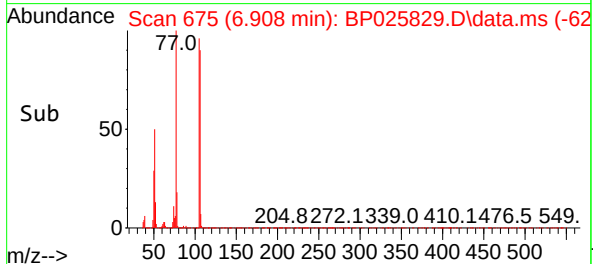
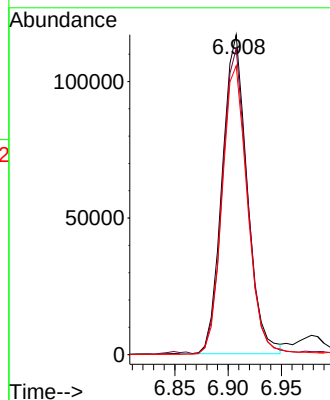
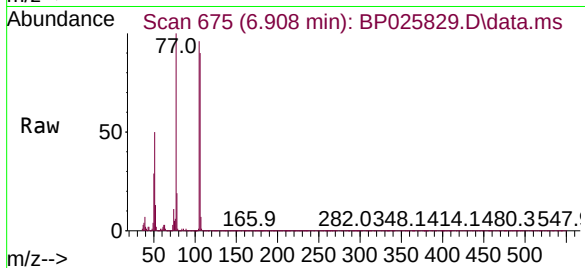




#9  
Benzaldehyde  
Concen: 15.977 ng  
RT: 6.908 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

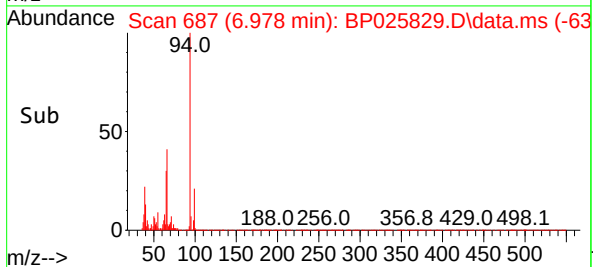
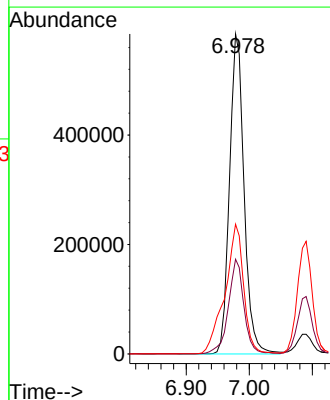
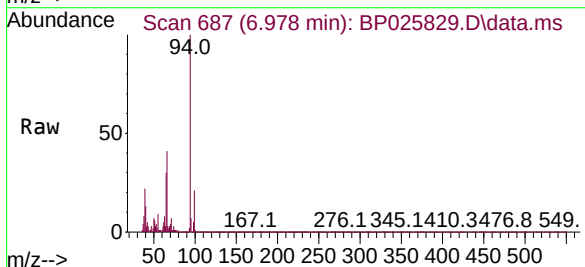
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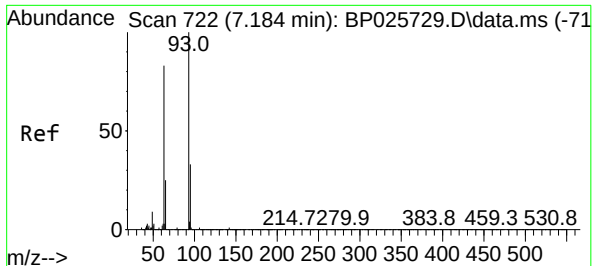
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Ion Ratio Lower Upper  
77 100  
105 95.6 75.2 115.2  
106 90.3 71.3 111.3



#10  
Phenol  
Concen: 44.492 ng  
RT: 6.978 min Scan# 687  
Delta R.T. 0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 94 Resp: 934880  
Ion Ratio Lower Upper  
94 100  
65 29.6 10.2 50.2  
66 40.5 21.4 61.4

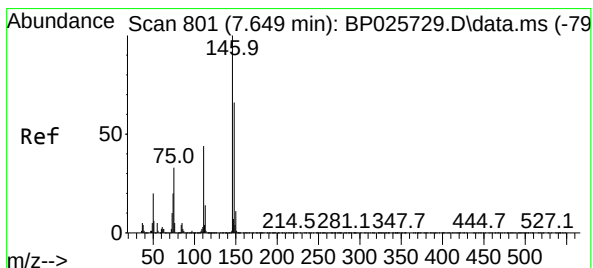
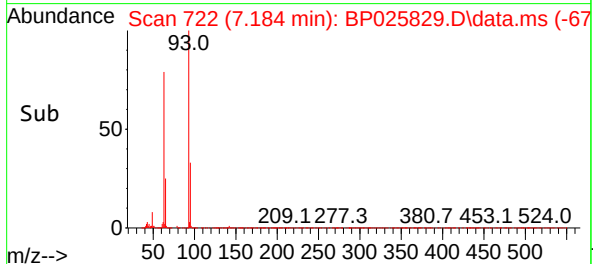
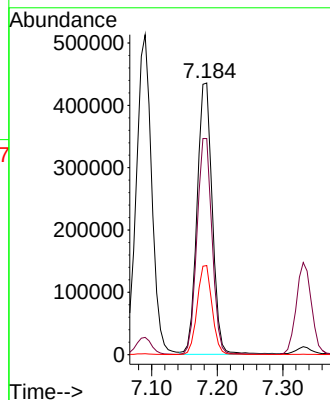
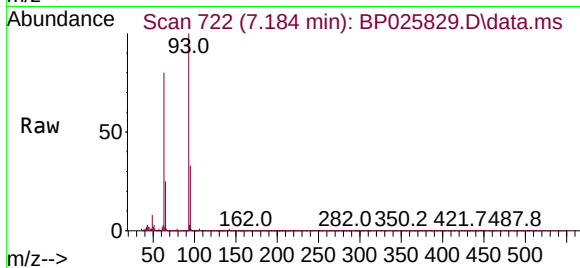




#11  
bis(2-Chloroethyl)ether  
Concen: 41.404 ng  
RT: 7.184 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

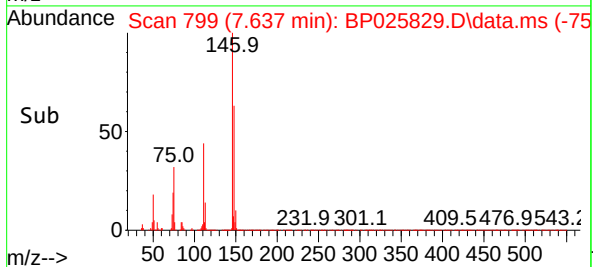
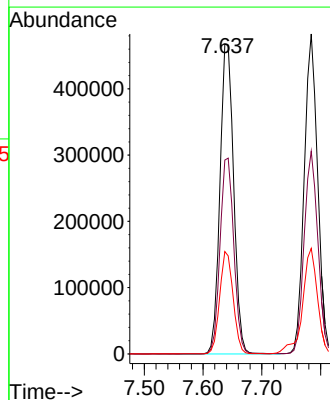
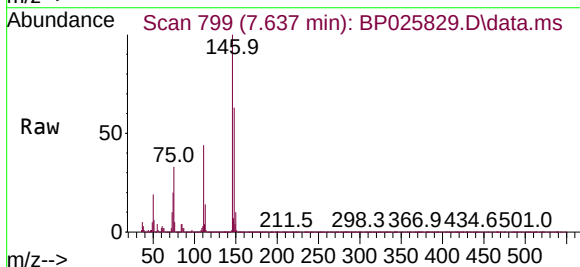
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

Tgt Ion: 93 Resp: 698972  
Ion Ratio Lower Upper  
93 100  
63 79.6 62.6 102.6  
95 32.8 13.2 53.2

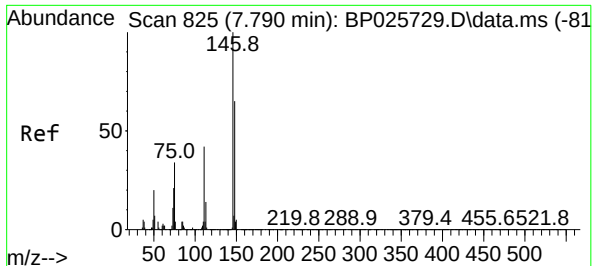


#12  
1,3-Dichlorobenzene  
Concen: 40.361 ng  
RT: 7.637 min Scan# 799  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 146 Resp: 755512  
Ion Ratio Lower Upper  
146 100  
148 62.6 52.7 79.1  
75 33.1 26.4 39.6







#13

1,4-Dichlorobenzene

Concen: 40.288 ng

RT: 7.784 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

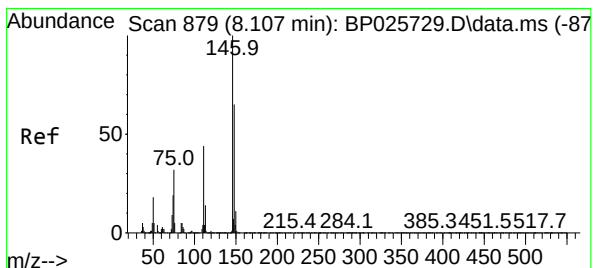
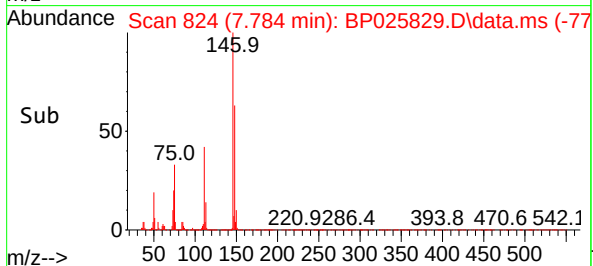
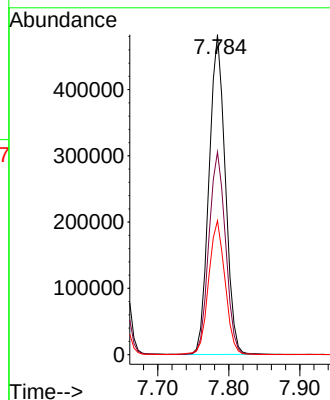
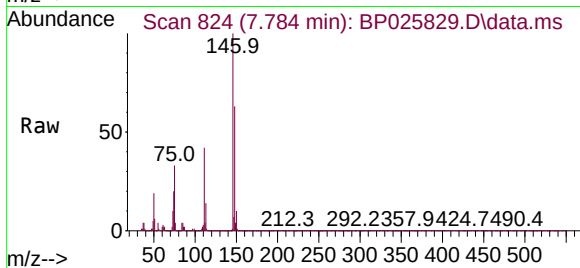
Tgt Ion:146 Resp: 768201

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

111 41.8 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 40.459 ng

RT: 8.096 min Scan# 877

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

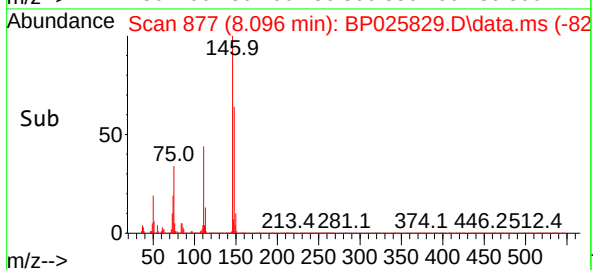
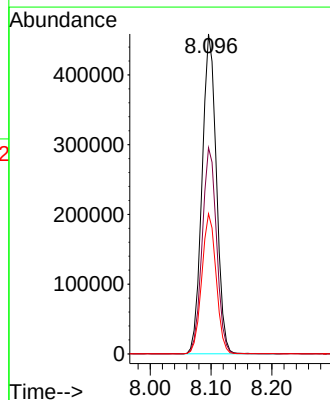
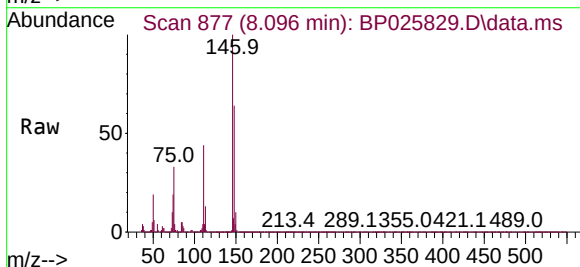
Tgt Ion:146 Resp: 749457

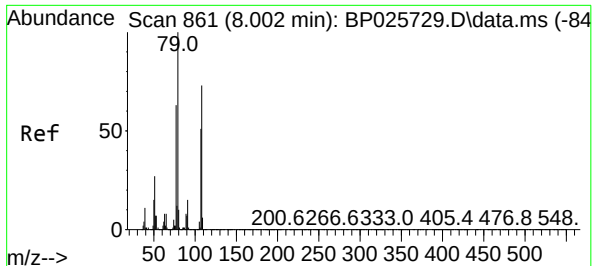
Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

111 43.8 35.5 53.3

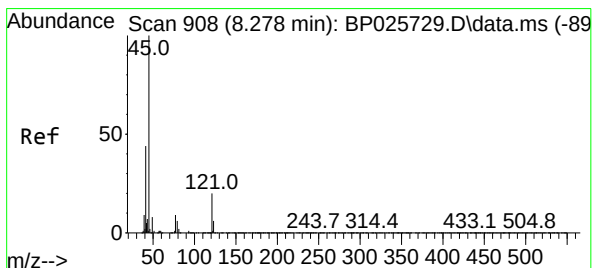
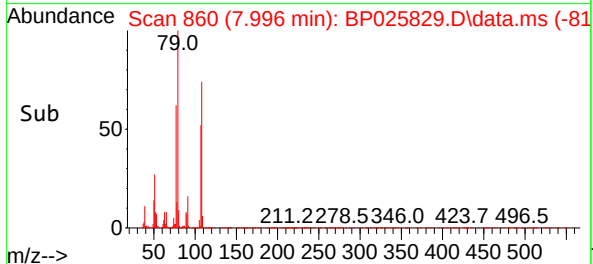
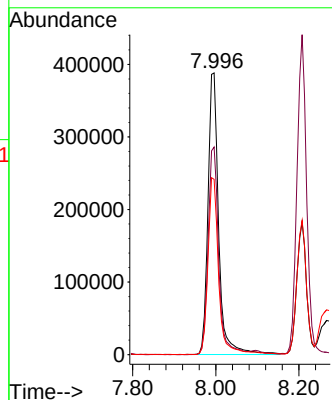
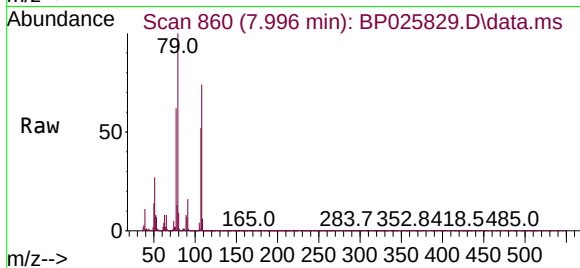




#15  
Benzyl Alcohol  
Concen: 42.093 ng  
RT: 7.996 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

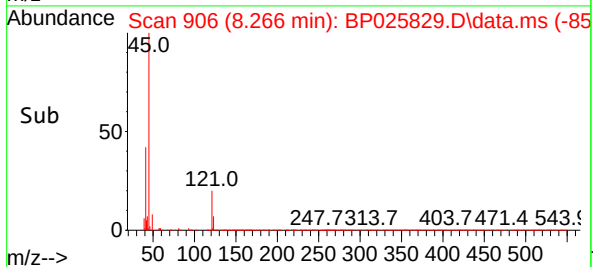
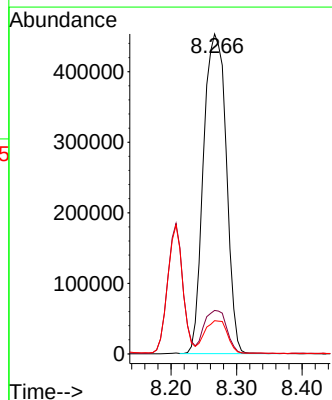
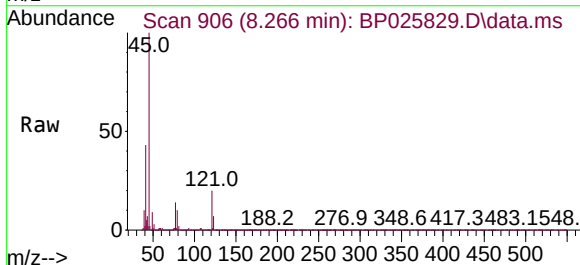
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

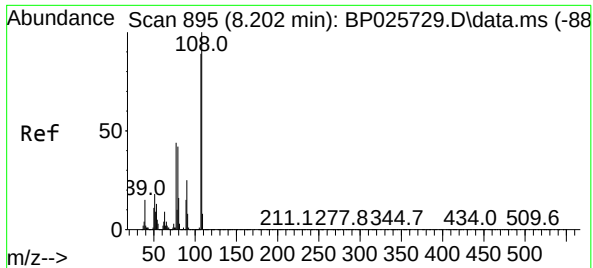
Tgt Ion: 79 Resp: 693124  
Ion Ratio Lower Upper  
79 100  
108 73.7 58.7 88.1  
77 62.2 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.431 ng  
RT: 8.266 min Scan# 906  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 45 Resp: 1088593  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 33.1  
79 10.4 0.0 30.0



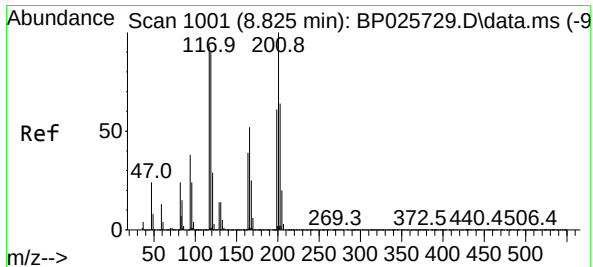
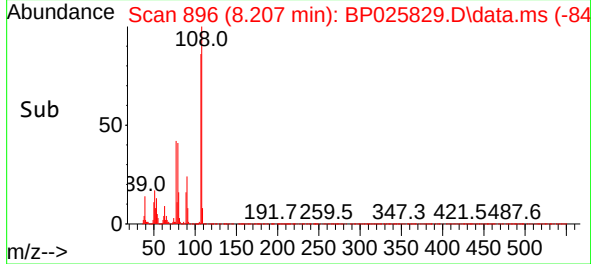
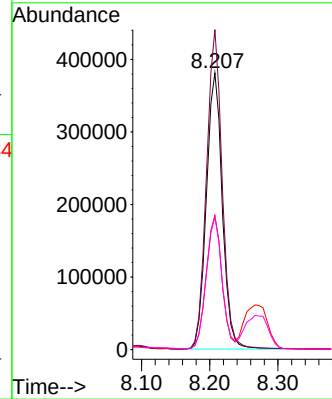
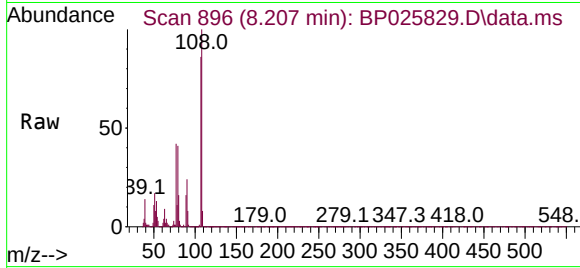


#17  
2-Methylphenol  
Concen: 43.847 ng  
RT: 8.207 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

Tgt Ion:107 Resp: 621168

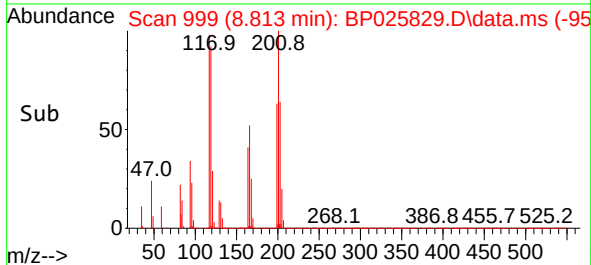
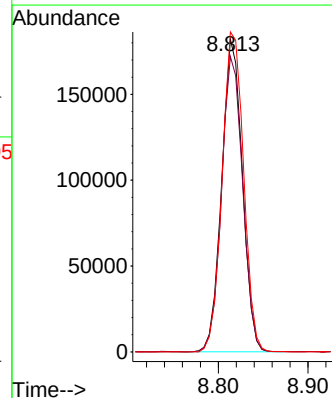
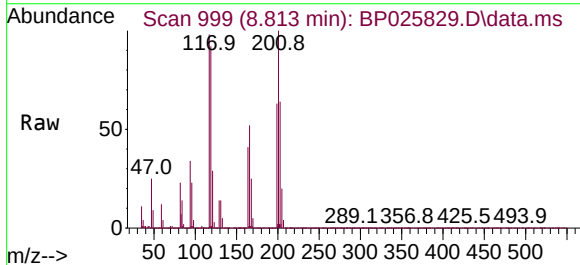
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 115.7 | 89.6  | 134.4 |
| 77  | 48.5  | 39.3  | 58.9  |
| 79  | 47.9  | 37.8  | 56.6  |

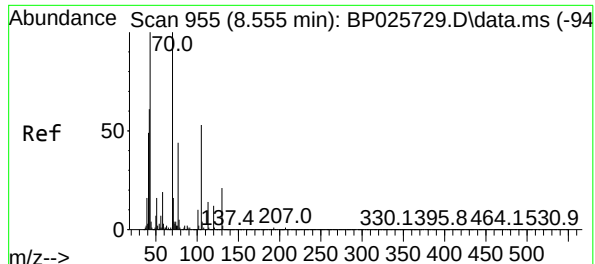


#18  
Hexachloroethane  
Concen: 40.185 ng  
RT: 8.813 min Scan# 999  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:117 Resp: 292678

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.5  | 77.1  | 115.7 |
| 201 | 102.4 | 85.6  | 128.4 |





#19

n-Nitroso-di-n-propylamine

Concen: 40.576 ng

RT: 8.549 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025829.D

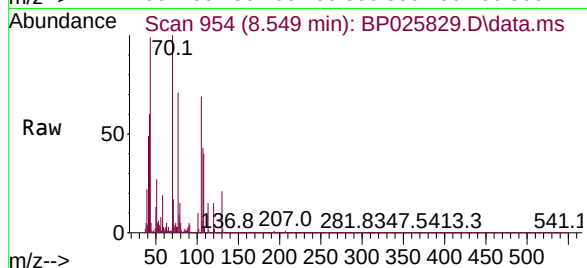
Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS



Tgt Ion: 70 Resp: 563967

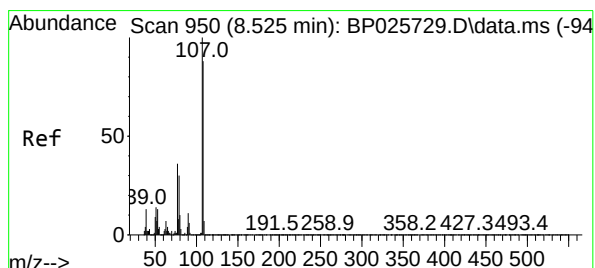
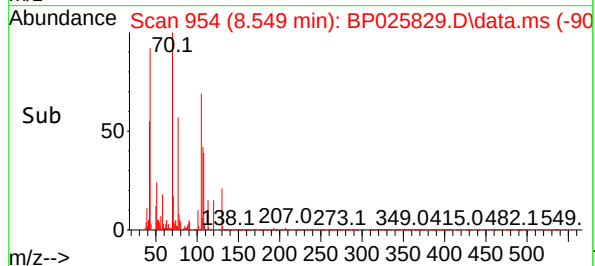
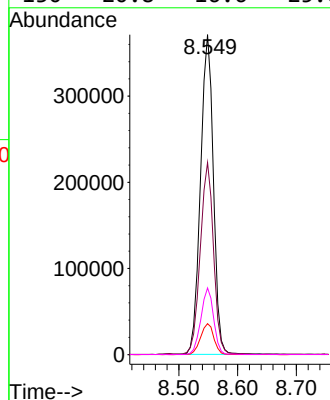
Ion Ratio Lower Upper

70 100

42 60.0 49.0 73.4

101 9.7 7.9 11.9

130 20.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 42.538 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Tgt Ion: 107 Resp: 843947

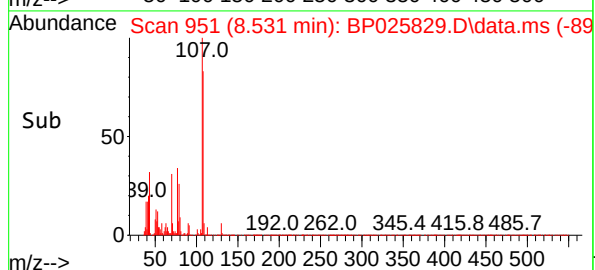
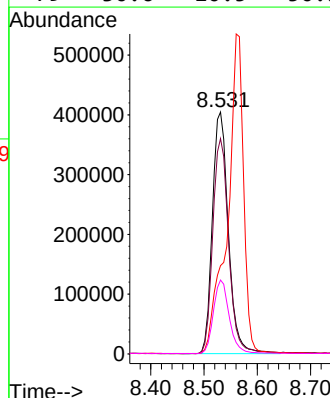
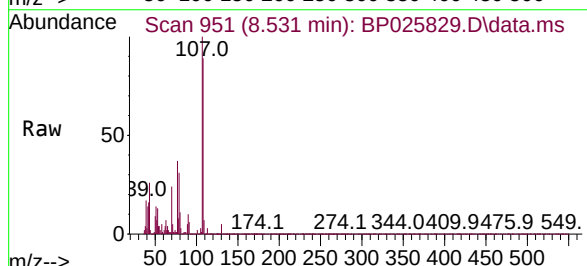
Ion Ratio Lower Upper

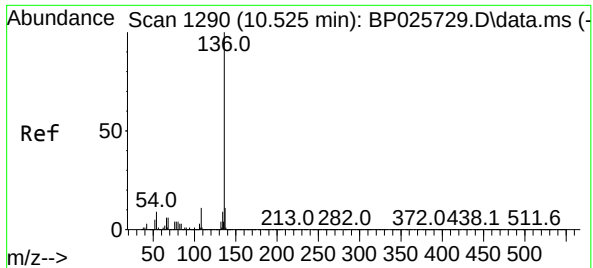
107 100

108 89.0 67.8 107.8

77 36.5 16.1 56.1

79 30.6 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.519 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

Tgt Ion:136 Resp: 991516

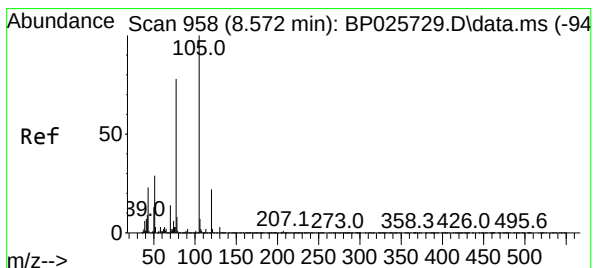
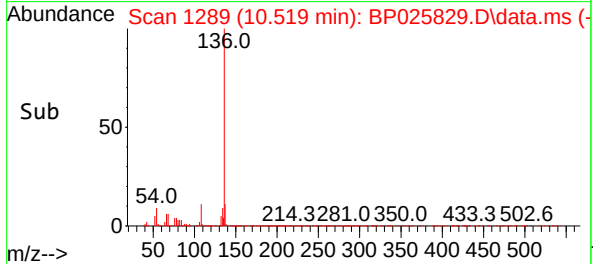
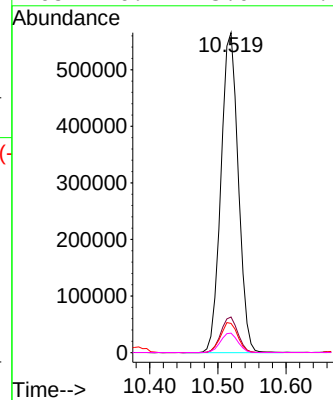
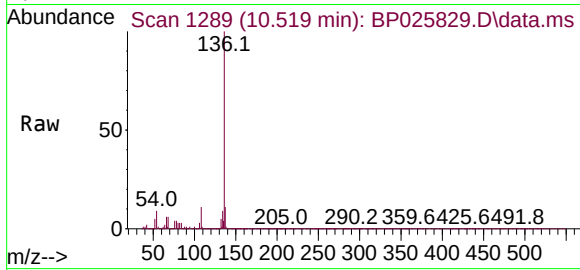
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.1 7.5 11.3

68 6.1 5.0 7.6



#22

Acetophenone

Concen: 41.184 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Tgt Ion:105 Resp: 1091248

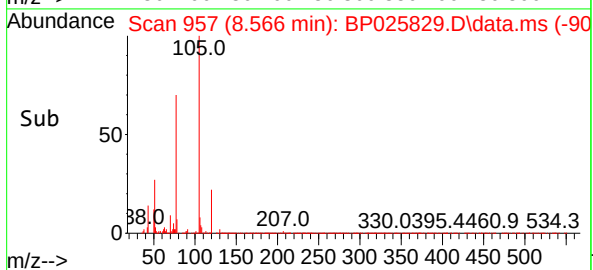
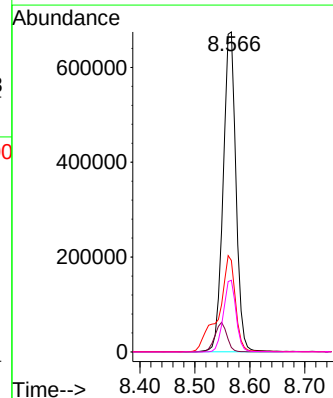
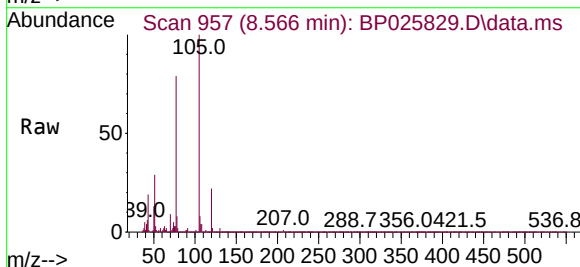
Ion Ratio Lower Upper

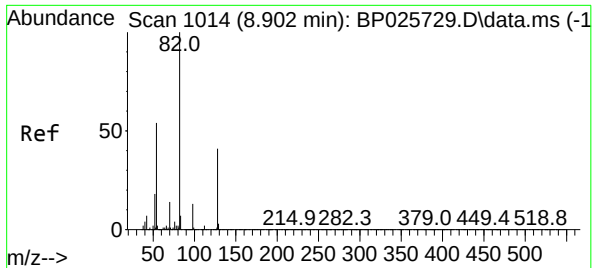
105 100

71 1.4 1.8 2.8#

51 28.6 23.5 35.3

120 22.4 17.7 26.5

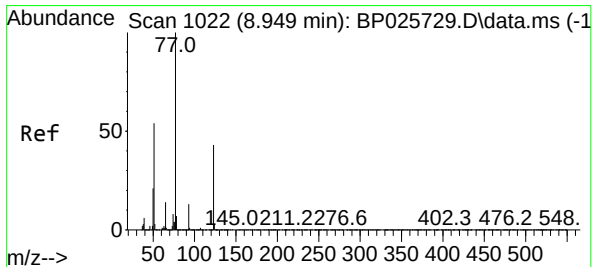
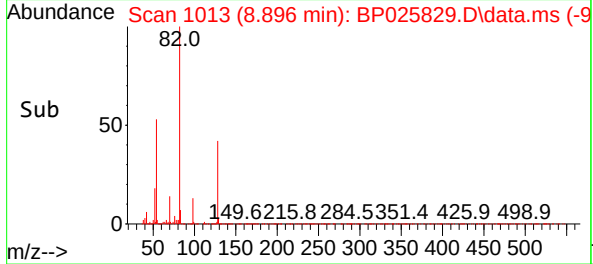
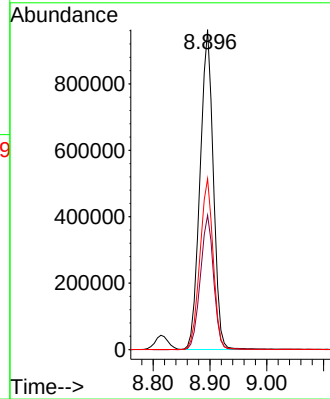
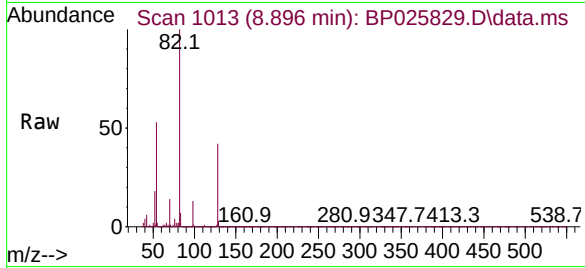




#23  
Nitrobenzene-d5  
Concen: 69.304 ng  
RT: 8.896 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

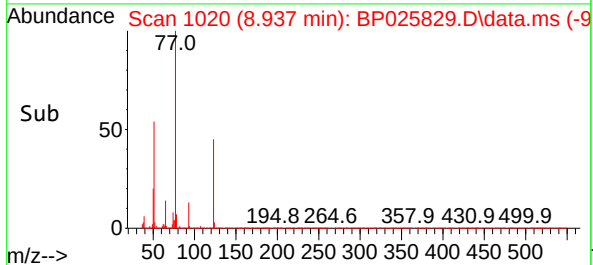
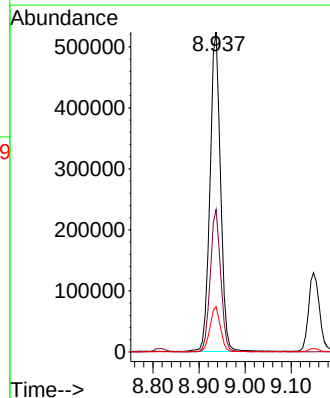
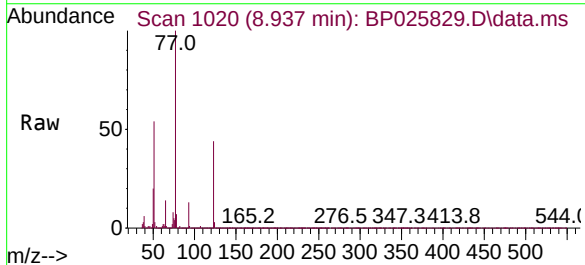
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

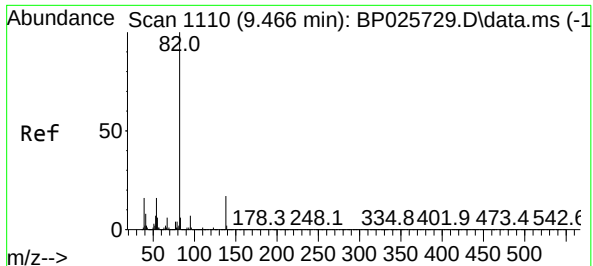
Tgt Ion: 82 Resp: 1557808  
Ion Ratio Lower Upper  
82 100  
128 42.0 32.9 49.3  
54 53.4 43.4 65.2



#24  
Nitrobenzene  
Concen: 41.062 ng  
RT: 8.937 min Scan# 1020  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 77 Resp: 828000  
Ion Ratio Lower Upper  
77 100  
123 44.5 34.4 51.6  
65 14.1 10.8 16.2

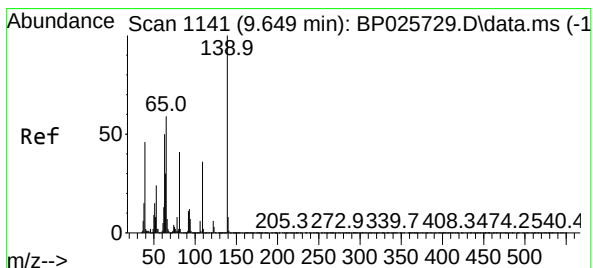
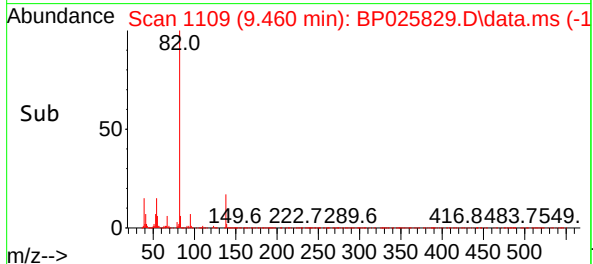
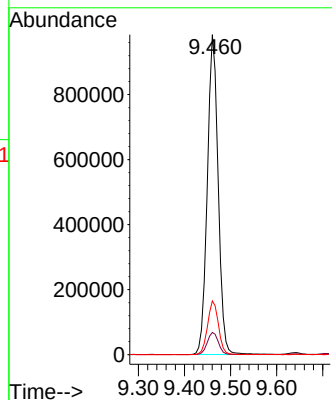
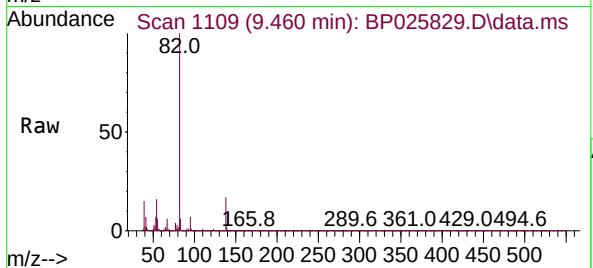




#25  
Isophorone  
Concen: 40.525 ng  
RT: 9.460 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

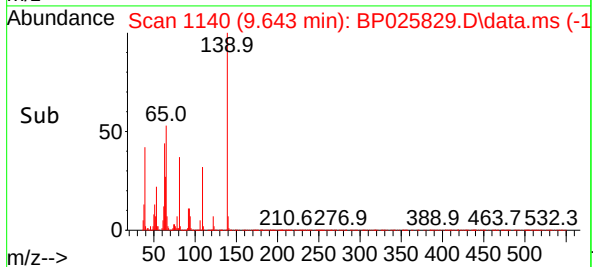
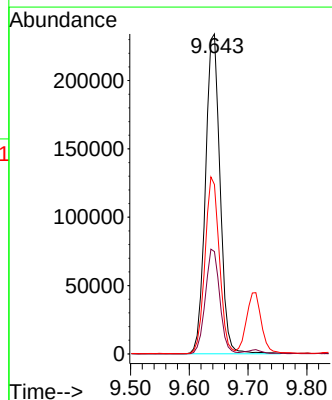
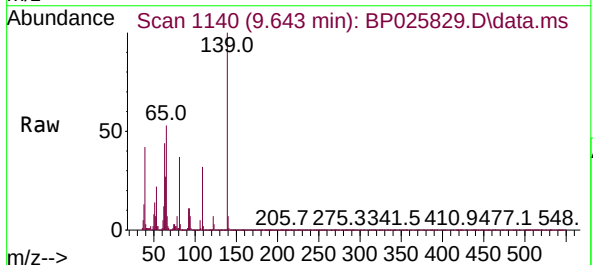
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

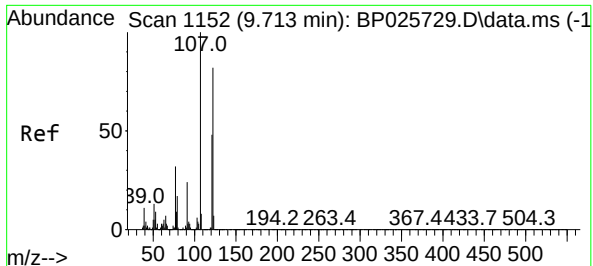
Tgt Ion: 82 Resp: 1601081  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.8 8.8  
138 16.8 13.5 20.3



#26  
2-Nitrophenol  
Concen: 45.243 ng  
RT: 9.643 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 139 Resp: 405058  
Ion Ratio Lower Upper  
139 100  
109 32.0 29.0 43.4  
65 52.9 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 44.952 ng

RT: 9.713 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

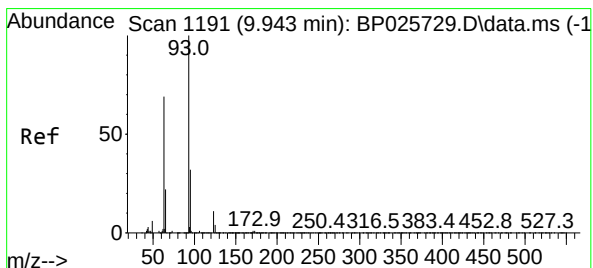
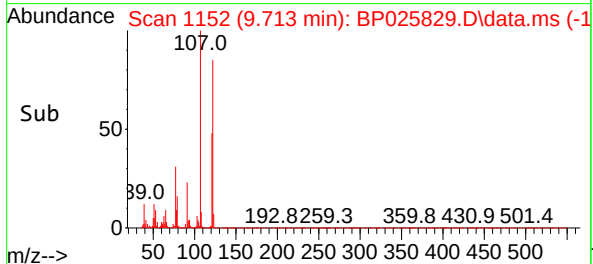
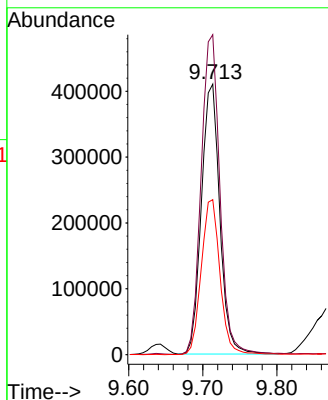
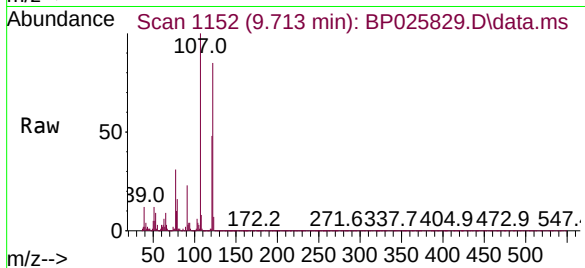
Tgt Ion:122 Resp: 706022

Ion Ratio Lower Upper

122 100

107 118.3 97.9 146.9

121 57.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.458 ng

RT: 9.925 min Scan# 1188

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

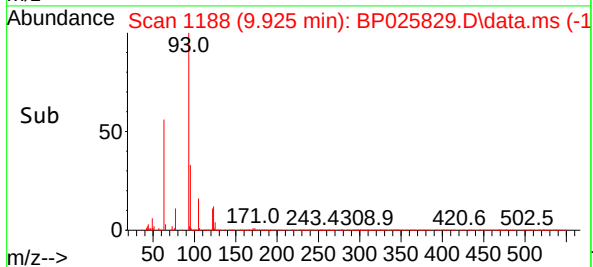
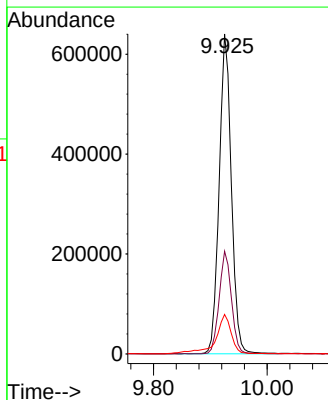
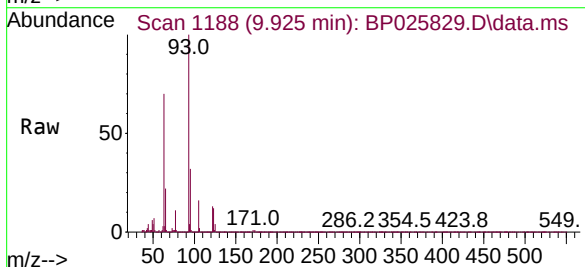
Tgt Ion: 93 Resp: 946822

Ion Ratio Lower Upper

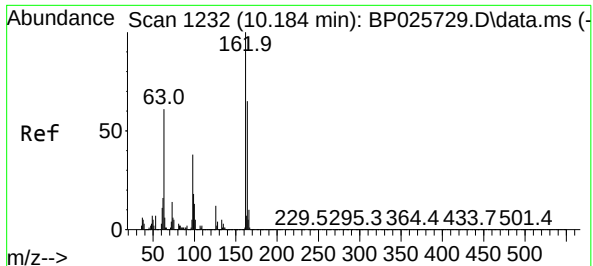
93 100

95 32.1 25.6 38.4

123 12.3 9.2 13.8







#29

2,4-Dichlorophenol

Concen: 45.747 ng

RT: 10.190 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

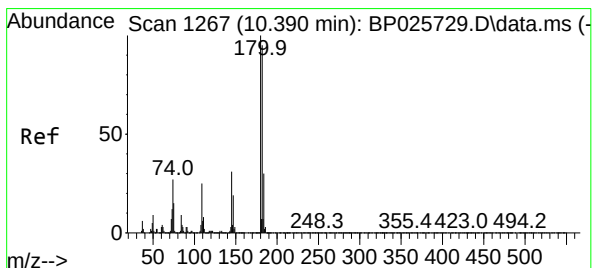
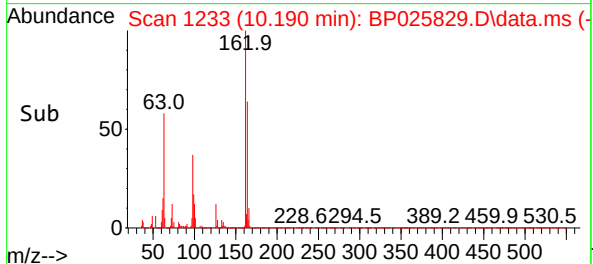
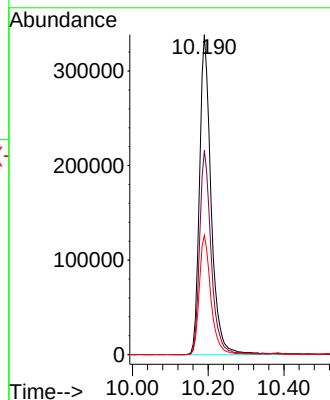
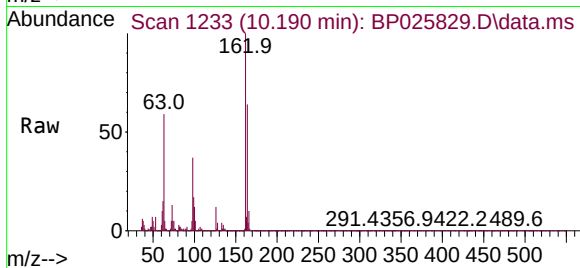
Tgt Ion:162 Resp: 716400

Ion Ratio Lower Upper

162 100

164 63.8 44.7 84.7

98 37.3 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 41.630 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

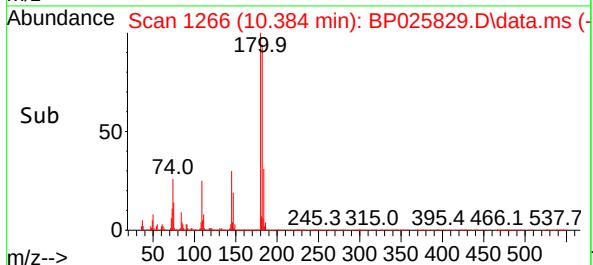
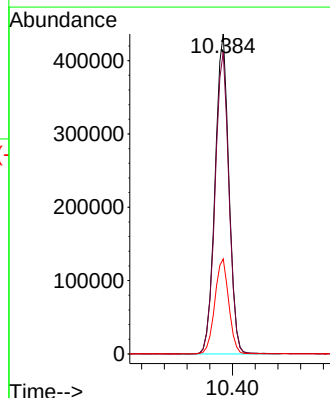
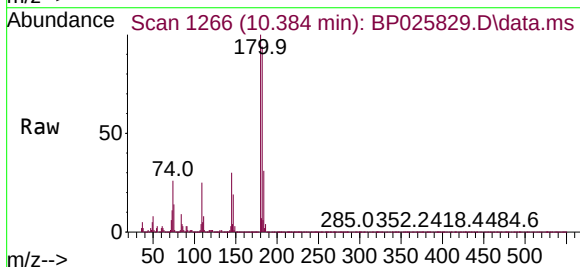
Tgt Ion:180 Resp: 734720

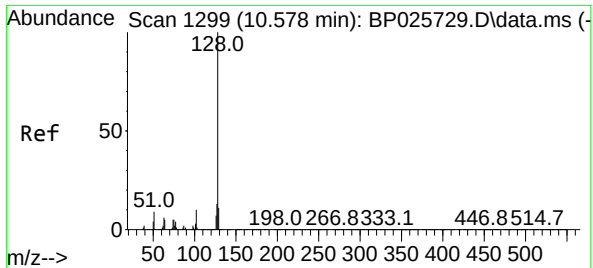
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 29.7 24.7 37.1

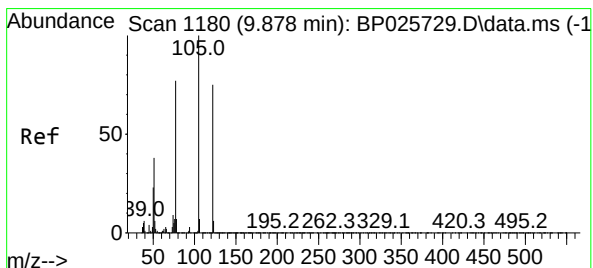
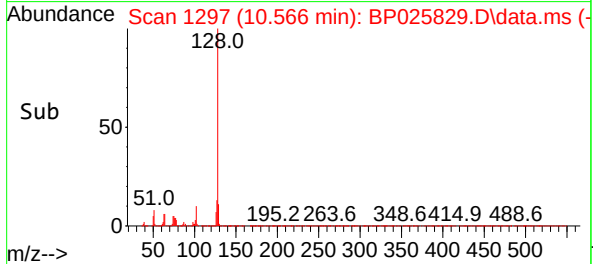
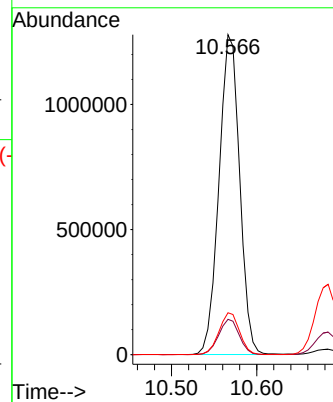
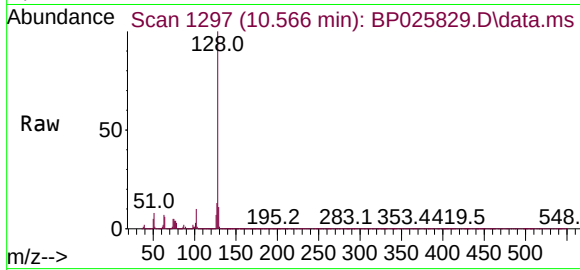




#31  
Naphthalene  
Concen: 40.269 ng  
RT: 10.566 min Scan# 1186  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

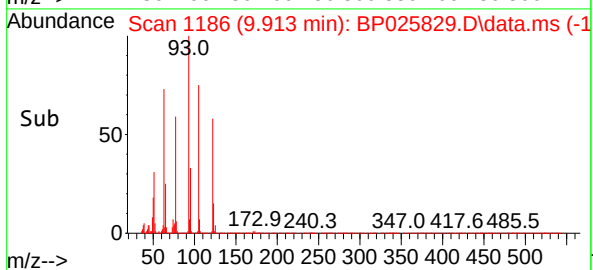
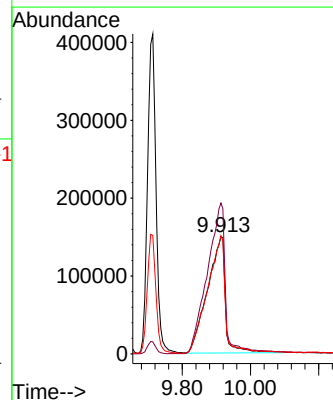
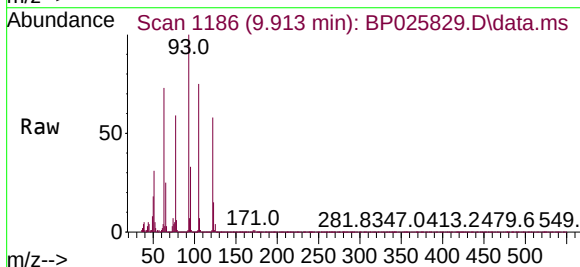
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

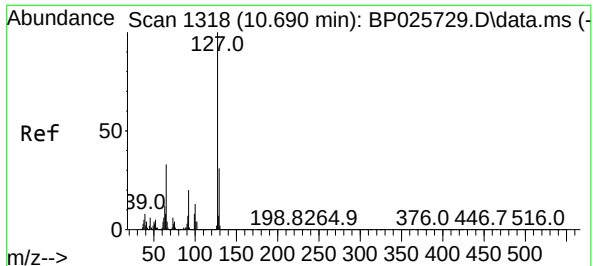
Tgt Ion:128 Resp: 2152887  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 12.8  
127 13.1 10.2 15.4



#32  
Benzoic acid  
Concen: 47.343 ng  
RT: 9.913 min Scan# 1186  
Delta R.T. 0.035 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:122 Resp: 552842  
Ion Ratio Lower Upper  
122 100  
105 128.9 111.5 151.5  
77 101.0 81.8 121.8

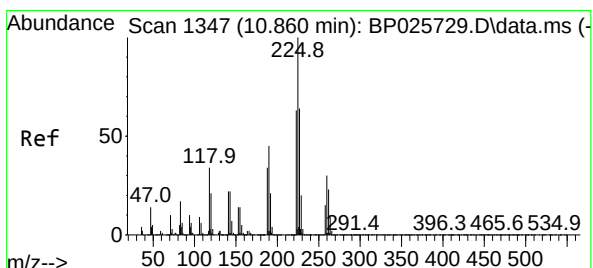
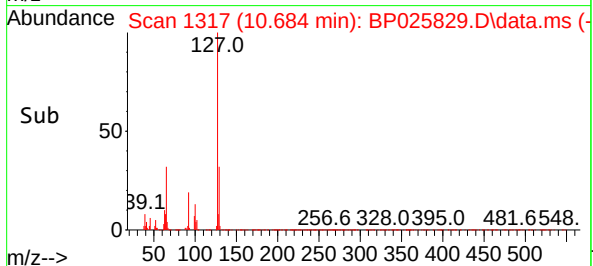
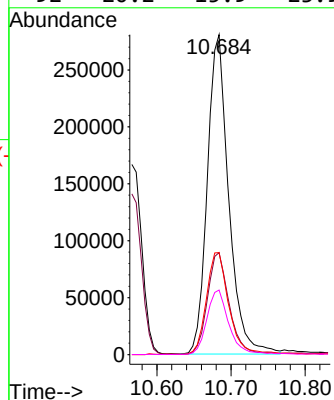
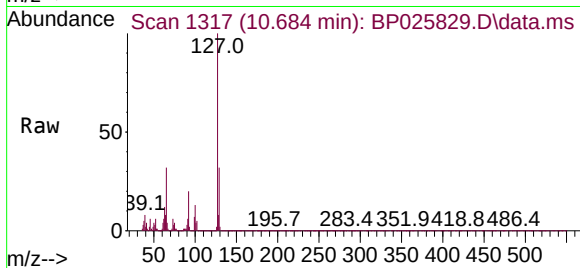




#33  
4-Chloroaniline  
Concen: 25.289 ng  
RT: 10.684 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

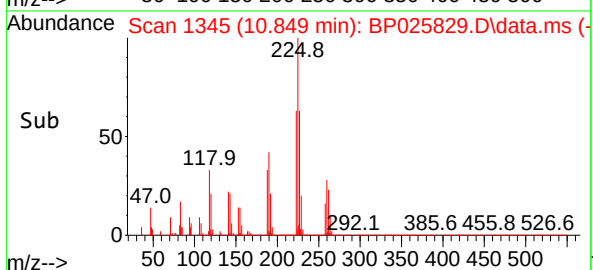
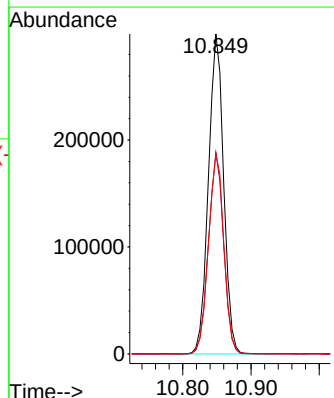
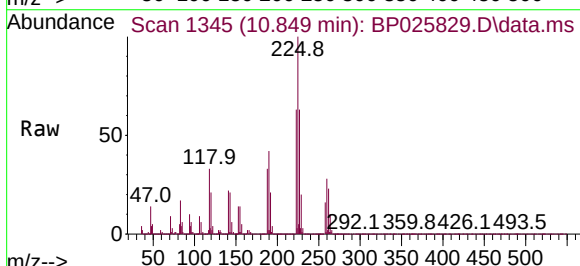
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

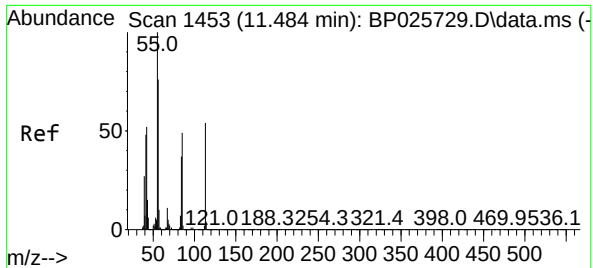
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 563526 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.1  | 37.7   |
| 65       | 31.9  | 26.4  | 39.6   |
| 92       | 20.2  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 40.731 ng  
RT: 10.849 min Scan# 1345  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 462758 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 50.1  | 75.1   |
| 227      | 62.6  | 51.2  | 76.8   |

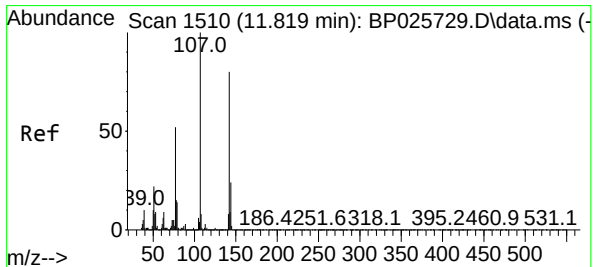
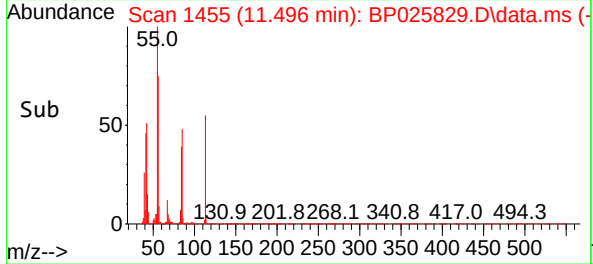
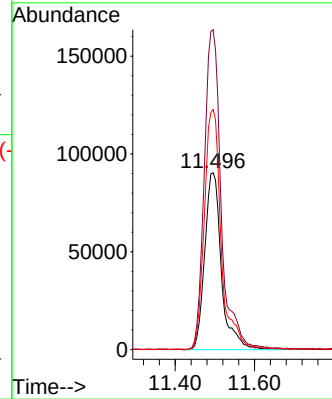
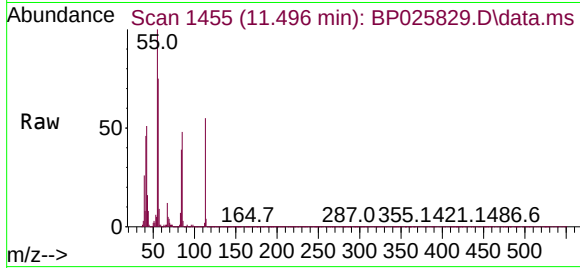




#35  
Caprolactam  
Concen: 43.752 ng  
RT: 11.496 min Scan# 1455  
Delta R.T. 0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

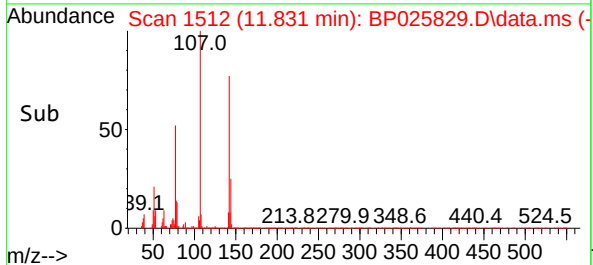
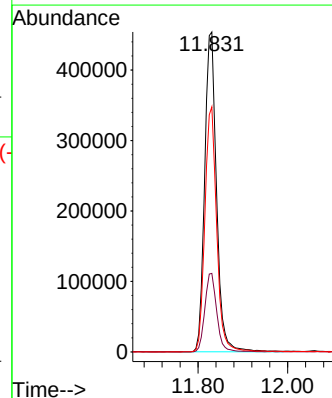
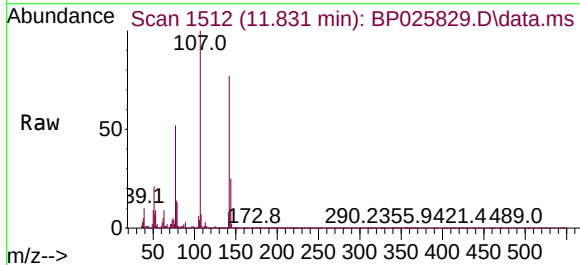
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

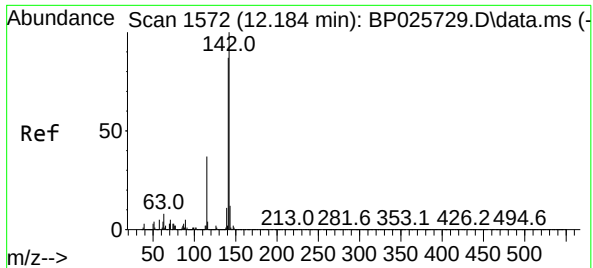
Tgt Ion:113 Resp: 264114  
Ion Ratio Lower Upper  
113 100  
55 180.9 165.5 205.5  
56 135.7 121.1 161.1



#36  
4-Chloro-3-methylphenol  
Concen: 44.714 ng  
RT: 11.831 min Scan# 1512  
Delta R.T. 0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:107 Resp: 834826  
Ion Ratio Lower Upper  
107 100  
144 24.5 19.4 29.2  
142 76.6 63.8 95.6

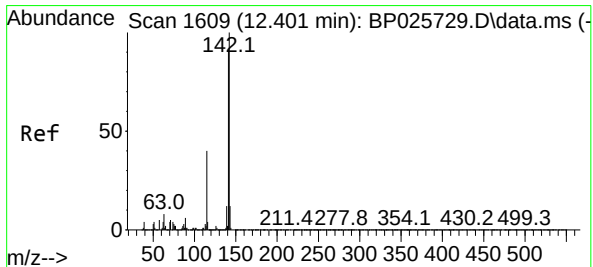
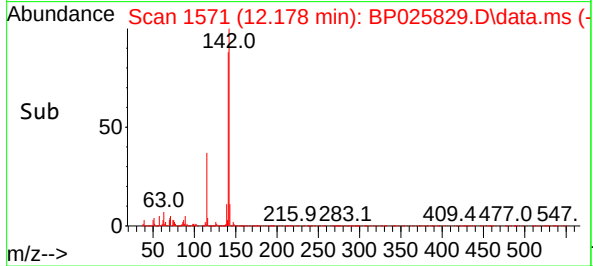
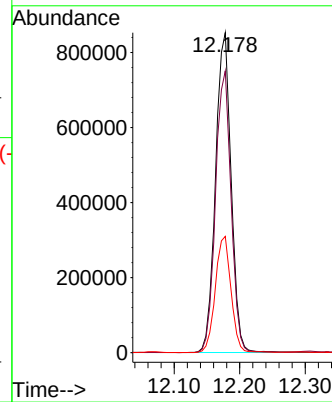
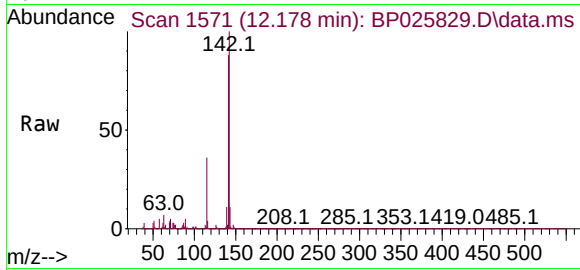




#37  
2-Methylnaphthalene  
Concen: 41.134 ng  
RT: 12.178 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

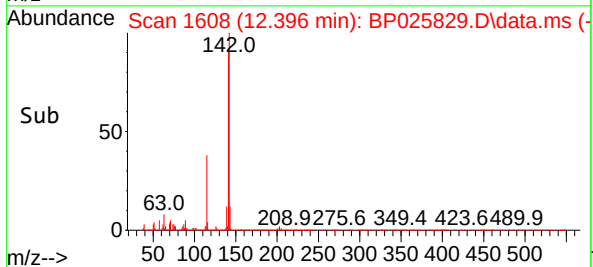
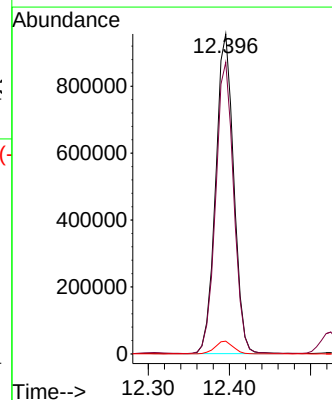
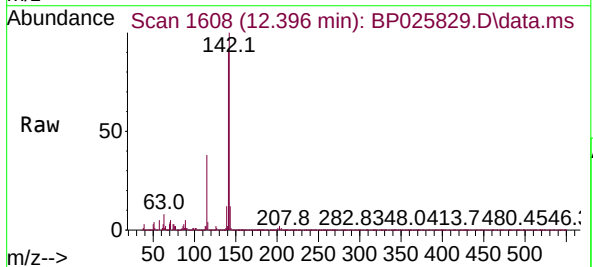
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

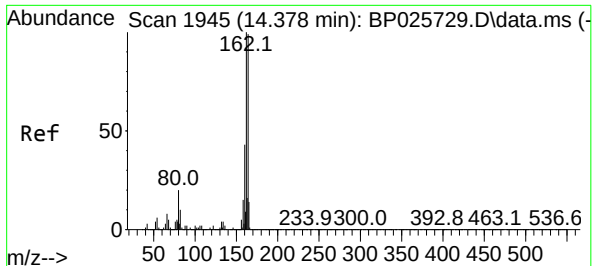
Tgt Ion:142 Resp: 1412464  
Ion Ratio Lower Upper  
142 100  
141 88.0 69.6 104.4  
115 36.3 30.0 45.0



#38  
1-Methylnaphthalene  
Concen: 40.333 ng  
RT: 12.396 min Scan# 1608  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:142 Resp: 1476903  
Ion Ratio Lower Upper  
142 100  
141 91.1 72.7 109.1  
116 4.0 3.5 5.3

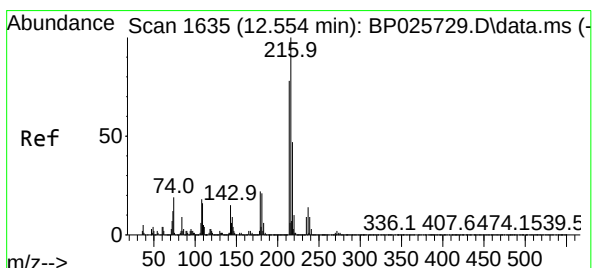
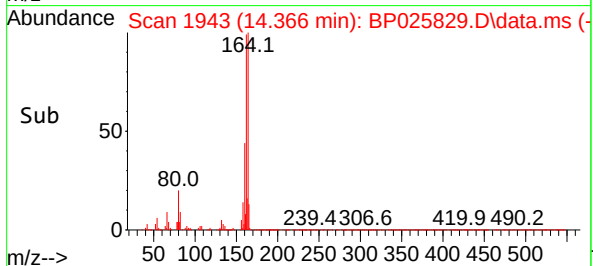
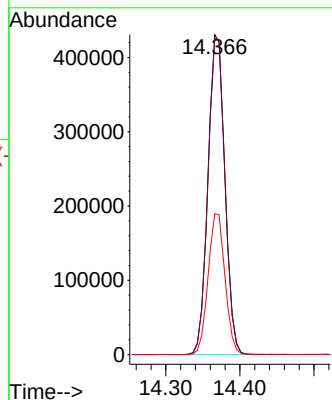
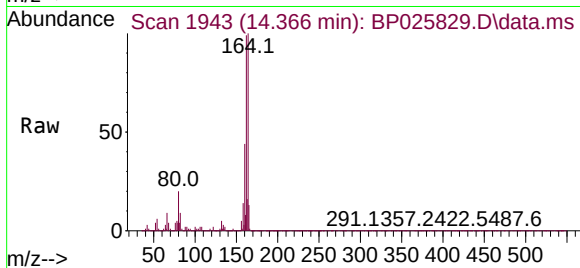




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.366 min Scan# 1945  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

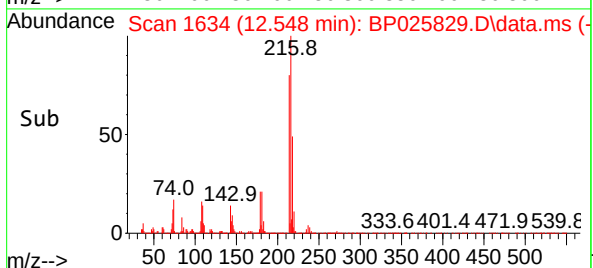
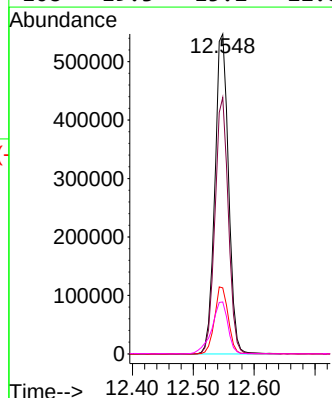
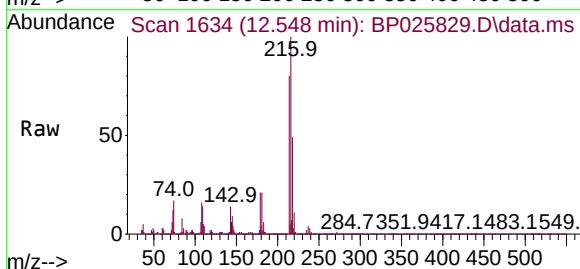
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

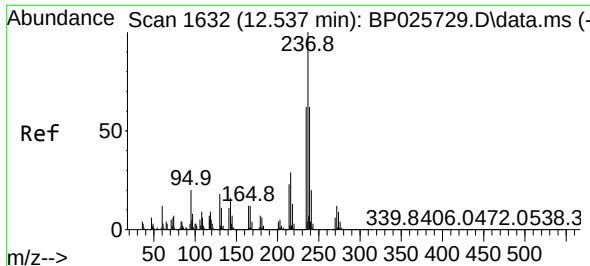
Tgt Ion:164 Resp: 681683  
Ion Ratio Lower Upper  
164 100  
162 98.8 80.6 120.8  
160 44.0 35.0 52.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.260 ng  
RT: 12.548 min Scan# 1634  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:216 Resp: 852296  
Ion Ratio Lower Upper  
216 100  
214 78.7 62.4 93.6  
179 21.0 17.0 25.6  
108 19.3 15.2 22.8

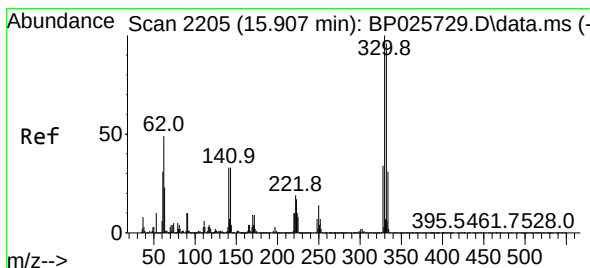
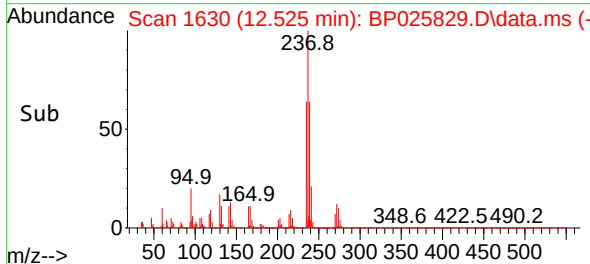
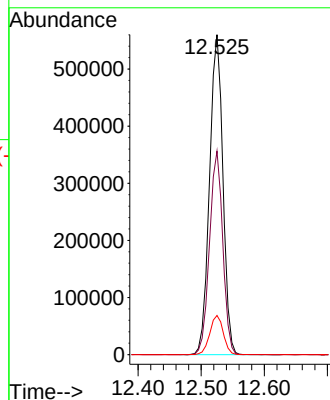
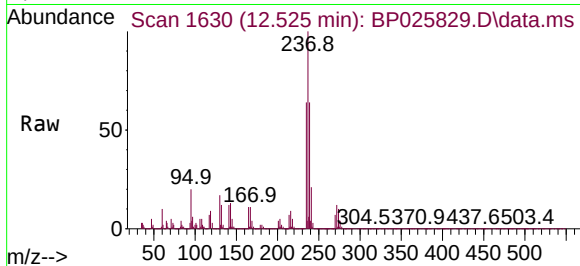




#41  
Hexachlorocyclopentadiene  
Concen: 73.200 ng  
RT: 12.525 min Scan# 1630  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

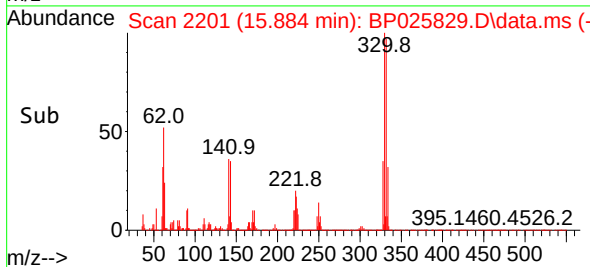
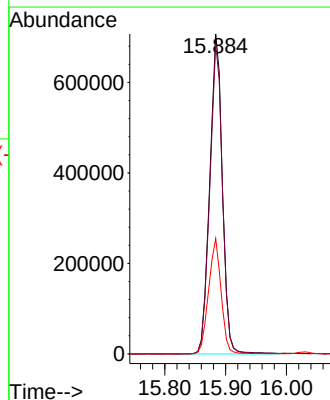
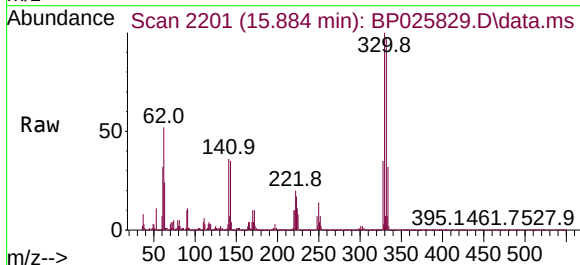
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

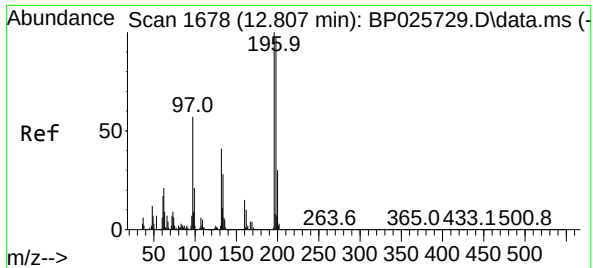
Tgt Ion:237 Resp: 823538  
Ion Ratio Lower Upper  
237 100  
235 63.6 41.9 81.9  
272 12.2 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 119.751 ng  
RT: 15.884 min Scan# 2201  
Delta R.T. -0.024 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:330 Resp: 1018199  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.9 115.3  
141 35.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.678 ng

RT: 12.795 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

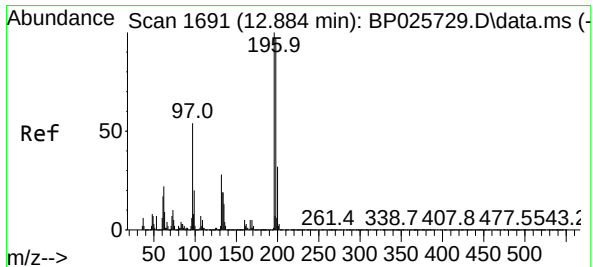
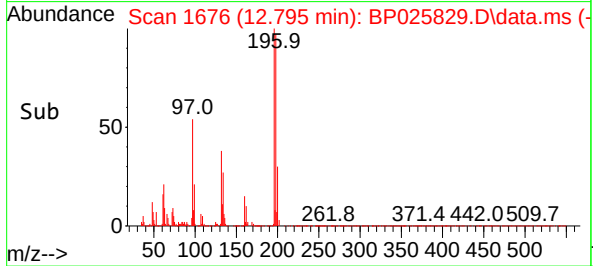
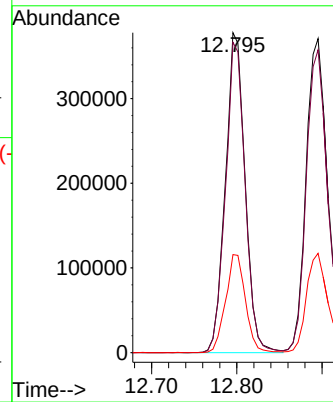
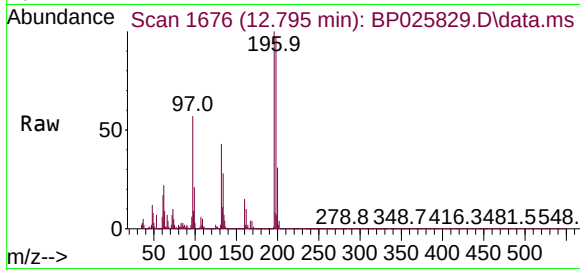
Tgt Ion:196 Resp: 606716

Ion Ratio Lower Upper

196 100

198 97.0 77.2 115.8

200 30.6 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 44.182 ng

RT: 12.895 min Scan# 1693

Delta R.T. 0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Tgt Ion:196 Resp: 667729

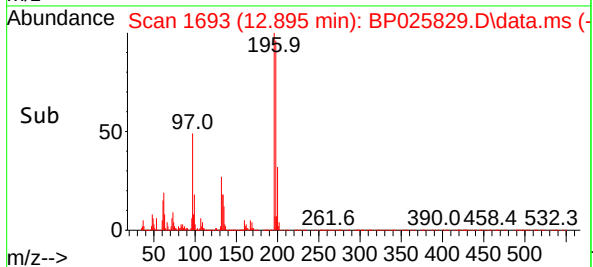
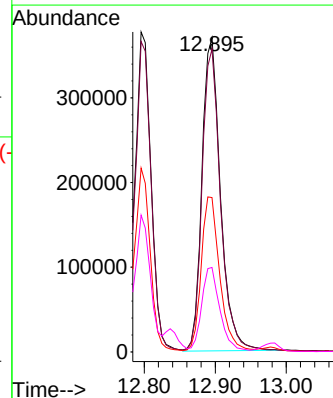
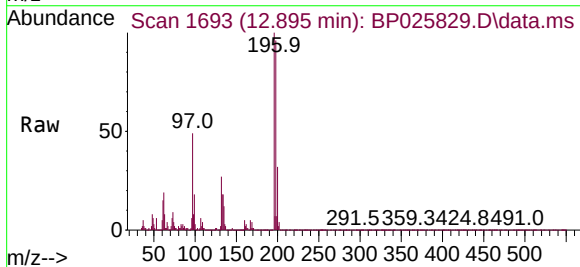
Ion Ratio Lower Upper

196 100

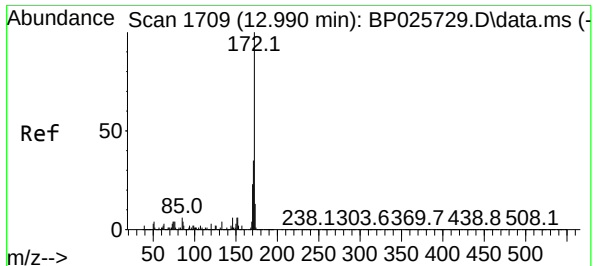
198 96.5 77.8 116.8

97 49.2 43.3 64.9

132 26.9 22.3 33.5







#45

2-Fluorobiphenyl

Concen: 67.812 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

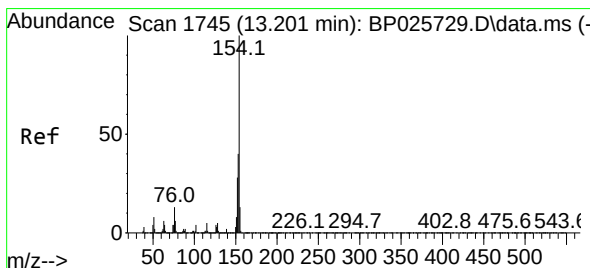
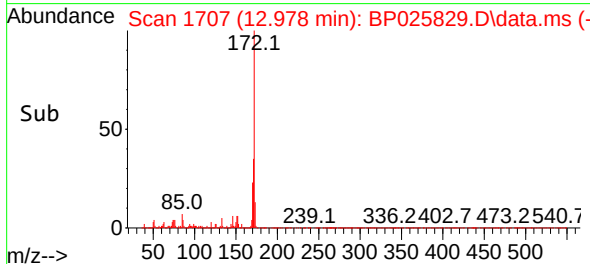
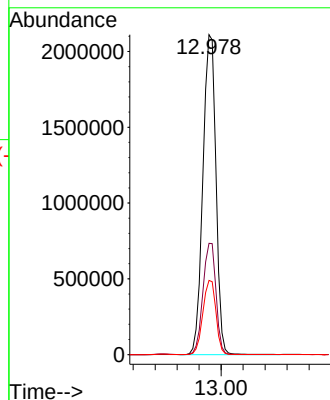
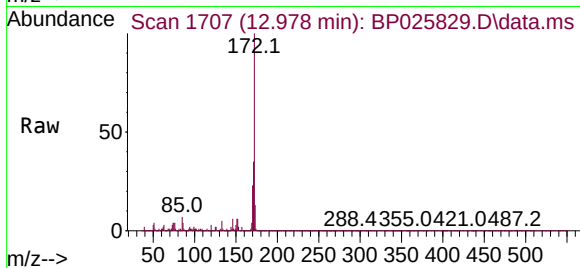
BNA\_P

ClientSampleId :

PB169774BS

Tgt Ion:172 Resp: 3471744

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 34.8  | 27.8  | 41.6  |
| 170 | 23.2  | 18.6  | 27.8  |



#46

1,1'-Biphenyl

Concen: 40.937 ng

RT: 13.190 min Scan# 1743

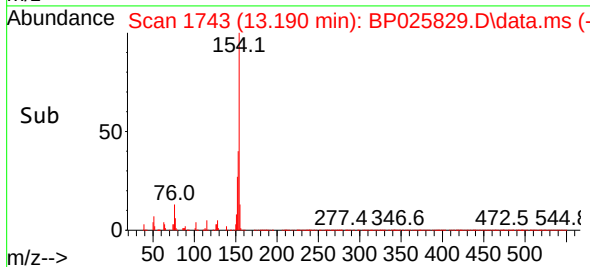
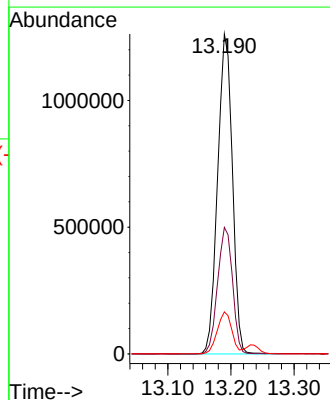
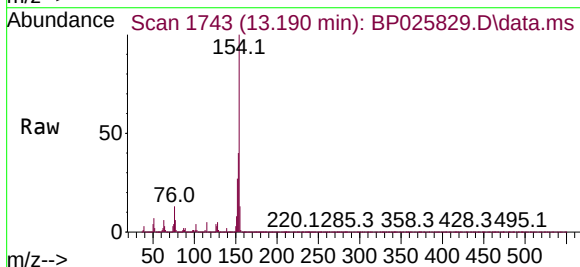
Delta R.T. -0.012 min

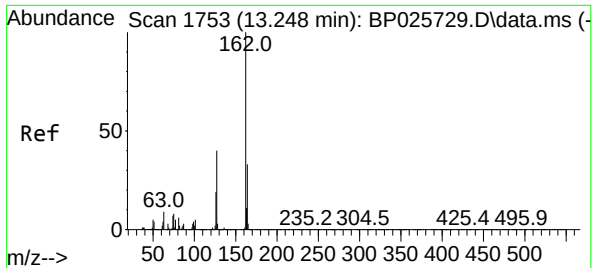
Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Tgt Ion:154 Resp: 2048301

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.6  | 19.7  | 59.7  |
| 76  | 13.1  | 0.0   | 33.3  |

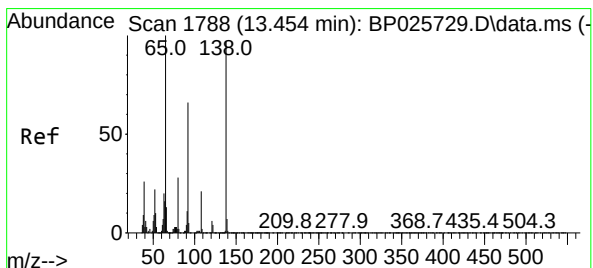
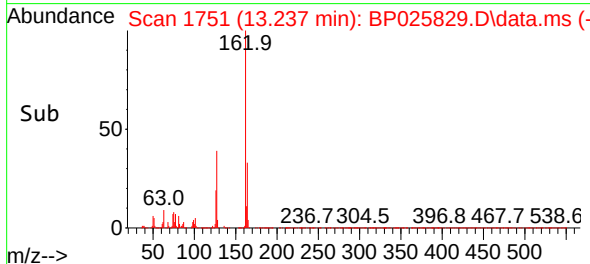
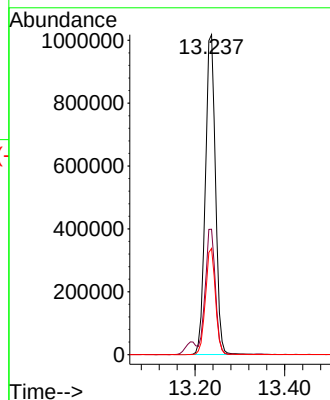
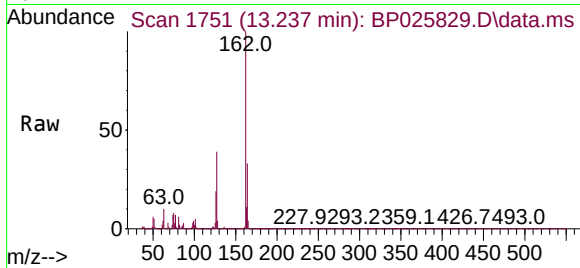




#47  
2-Chloronaphthalene  
Concen: 40.496 ng  
RT: 13.237 min Scan# 1751  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

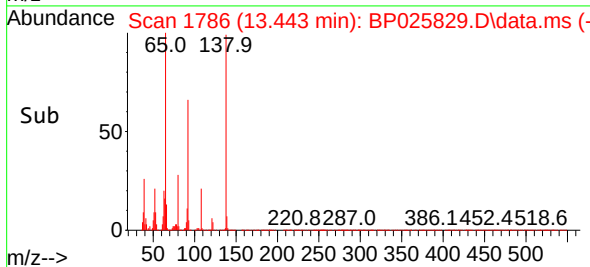
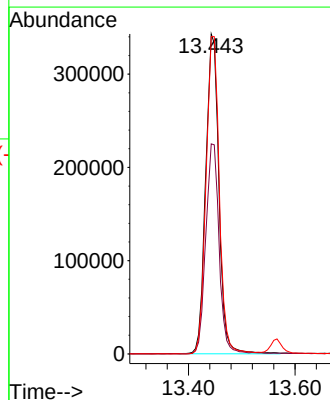
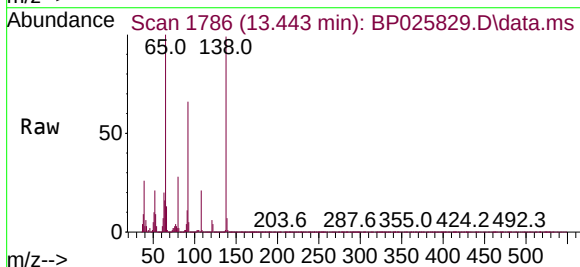
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

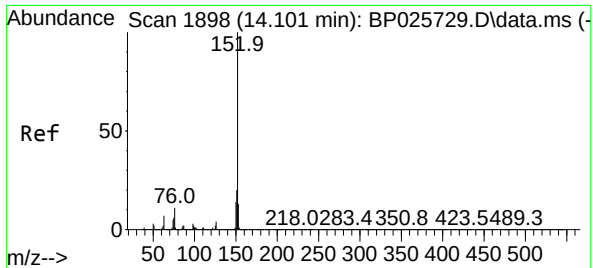
Tgt Ion:162 Resp: 1595487  
Ion Ratio Lower Upper  
162 100  
127 39.2 32.2 48.4  
164 33.2 26.5 39.7



#48  
2-Nitroaniline  
Concen: 44.880 ng  
RT: 13.443 min Scan# 1786  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 65 Resp: 589416  
Ion Ratio Lower Upper  
65 100  
92 65.6 53.1 79.7  
138 99.2 77.8 116.8





#49

Acenaphthylene

Concen: 41.231 ng

RT: 14.090 min Scan# 1896

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

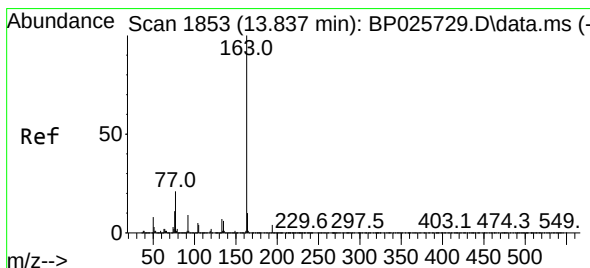
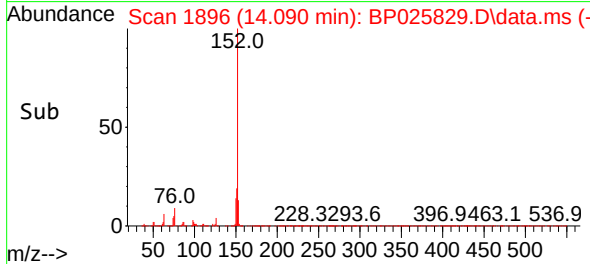
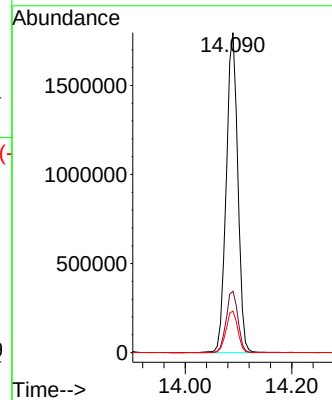
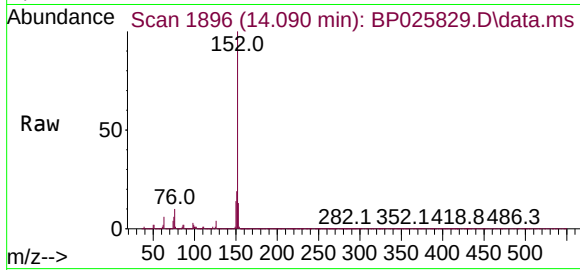
Tgt Ion:152 Resp: 2691532

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 41.937 ng

RT: 13.825 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

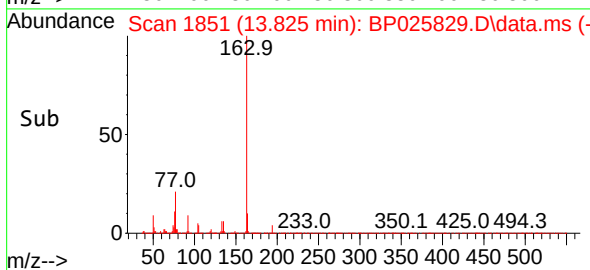
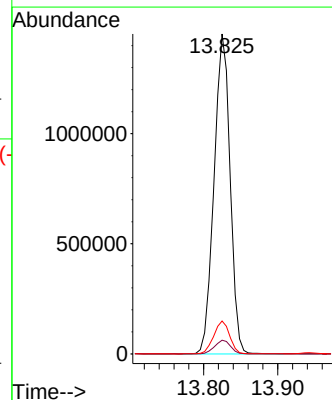
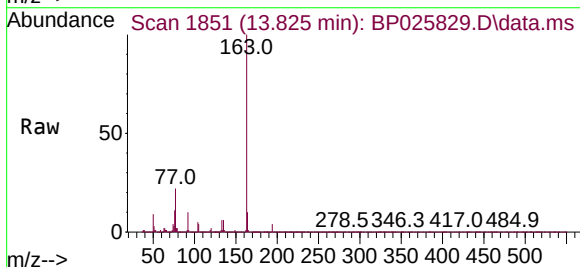
Tgt Ion:163 Resp: 2182559

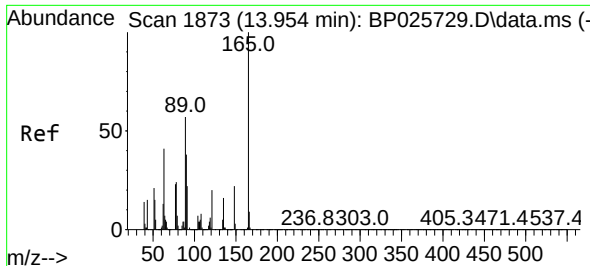
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.3 8.2 12.2

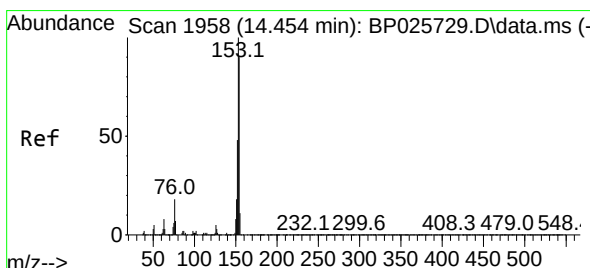
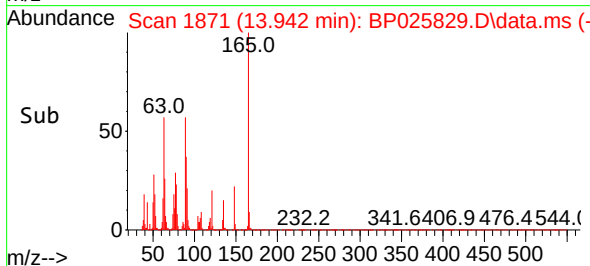
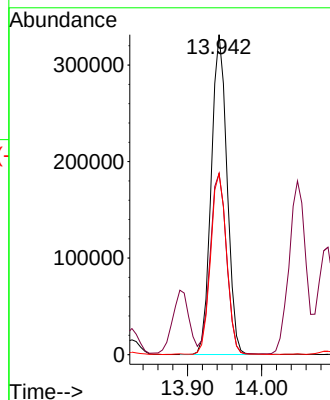
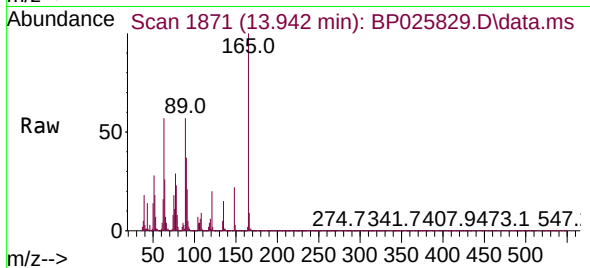




#51  
2,6-Dinitrotoluene  
Concen: 44.461 ng  
RT: 13.942 min Scan# 1873  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

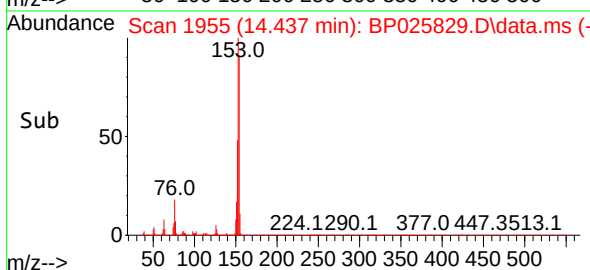
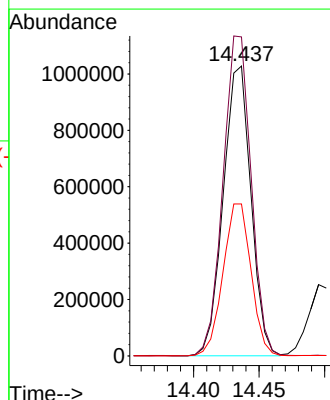
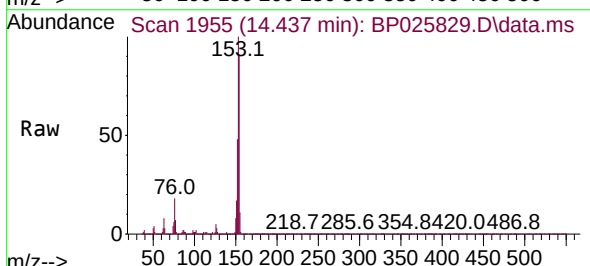
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

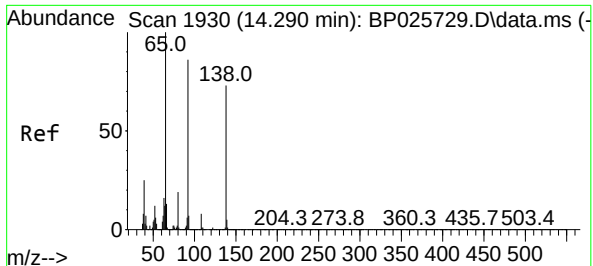
Tgt Ion:165 Resp: 490244  
Ion Ratio Lower Upper  
165 100  
63 56.6 48.1 72.1  
89 56.6 45.4 68.0



#52  
Acenaphthene  
Concen: 40.156 ng  
RT: 14.437 min Scan# 1955  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:154 Resp: 1511693  
Ion Ratio Lower Upper  
154 100  
153 110.1 89.4 134.0  
152 52.4 42.5 63.7

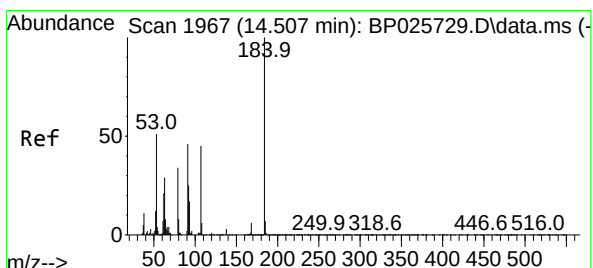
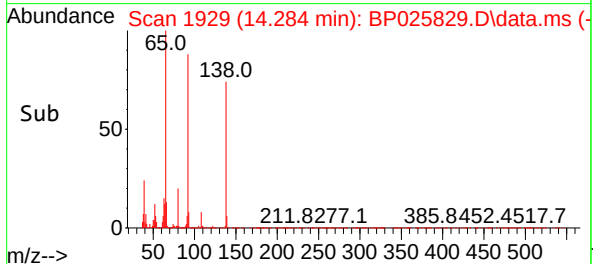
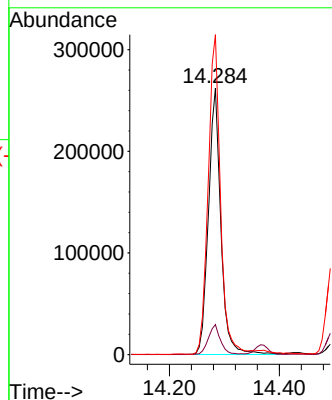
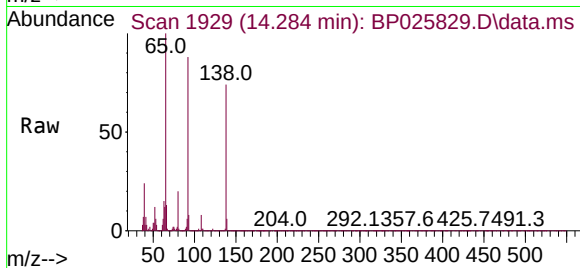




#53  
3-Nitroaniline  
Concen: 35.439 ng  
RT: 14.284 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

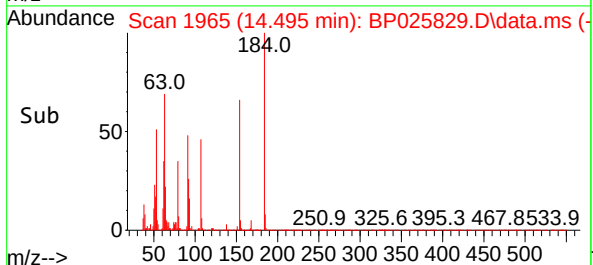
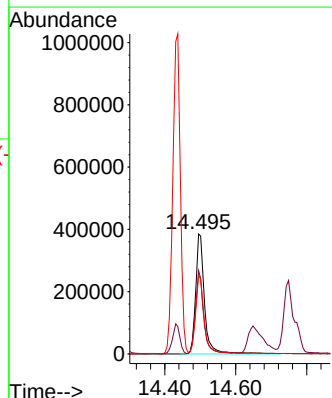
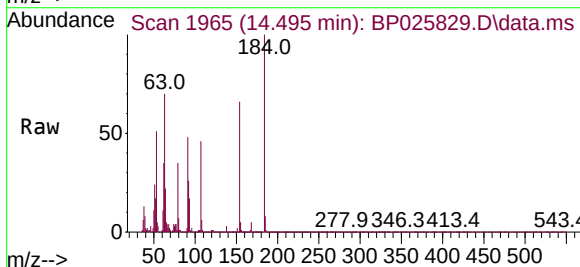
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

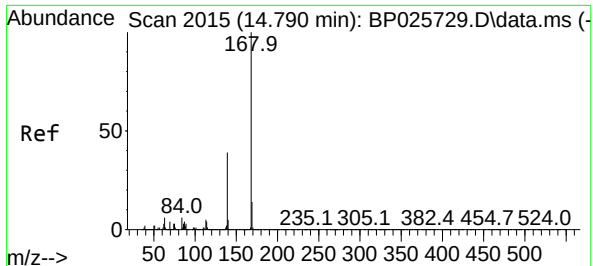
Tgt Ion:138 Resp: 410915  
Ion Ratio Lower Upper  
138 100  
108 11.2 8.7 13.1  
92 120.2 94.6 142.0



#54  
2,4-Dinitrophenol  
Concen: 92.312 ng  
RT: 14.495 min Scan# 1965  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:184 Resp: 667460  
Ion Ratio Lower Upper  
184 100  
63 69.5 52.5 78.7  
154 65.6 51.5 77.3

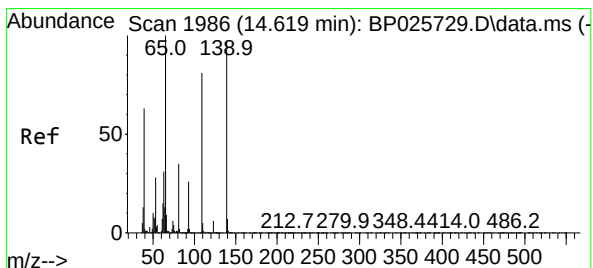
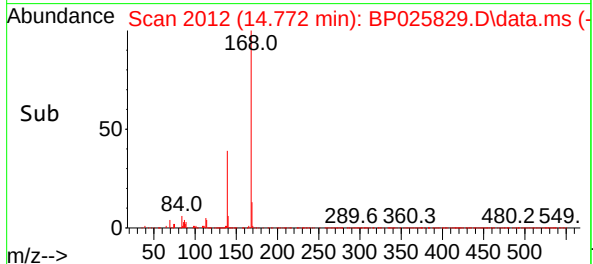
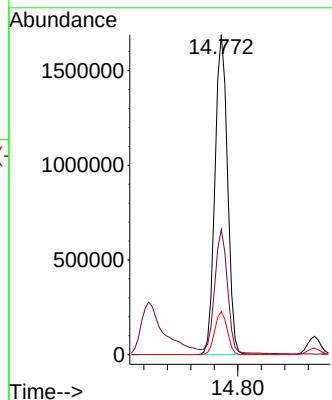
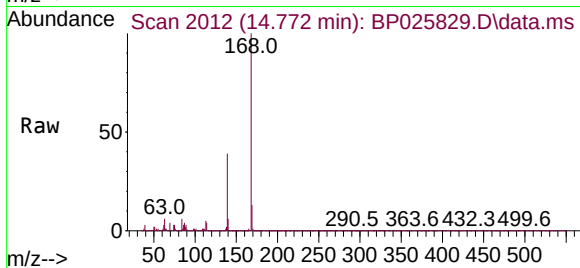




#55  
Dibenzofuran  
Concen: 40.824 ng  
RT: 14.772 min Scan# 2015  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

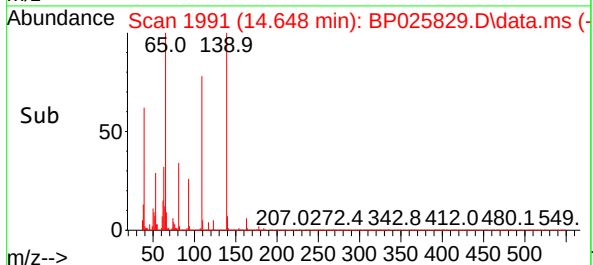
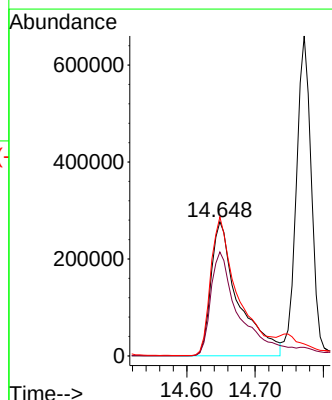
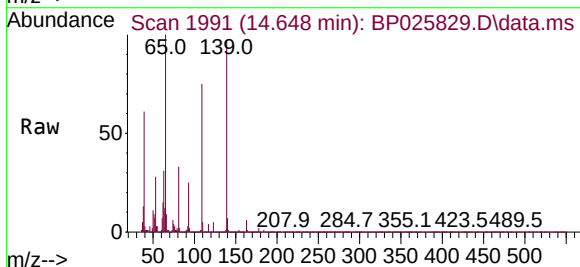
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

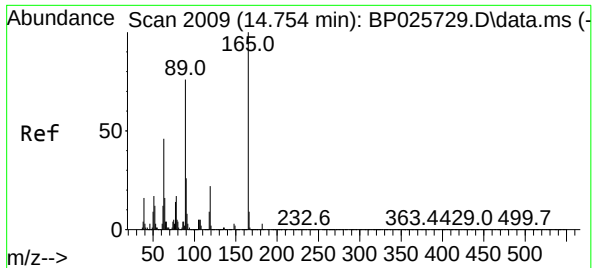
Tgt Ion:168 Resp: 2504803  
Ion Ratio Lower Upper  
168 100  
139 39.1 31.7 47.5  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 77.126 ng  
RT: 14.648 min Scan# 1991  
Delta R.T. 0.029 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:139 Resp: 768428  
Ion Ratio Lower Upper  
139 100  
109 77.5 62.9 102.9  
65 103.6 83.4 123.4

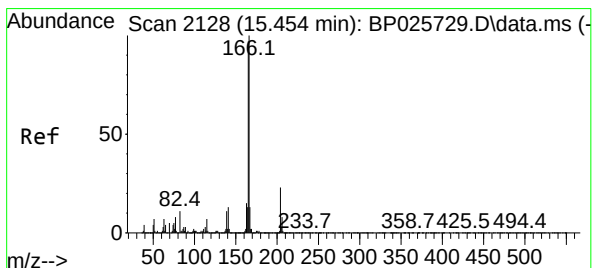
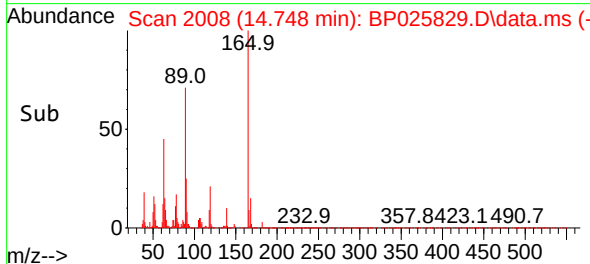
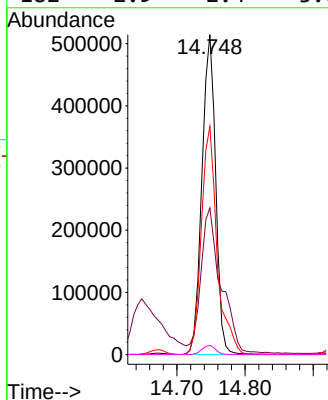
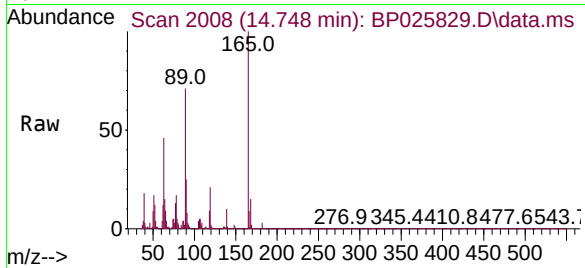




#57  
2,4-Dinitrotoluene  
Concen: 45.882 ng  
RT: 14.748 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

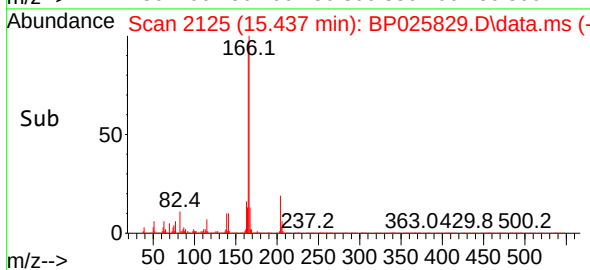
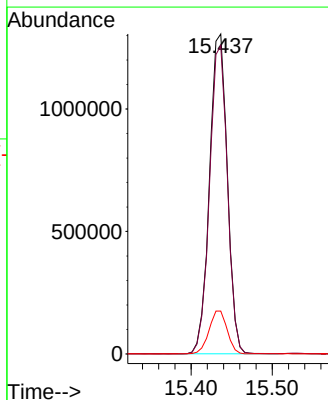
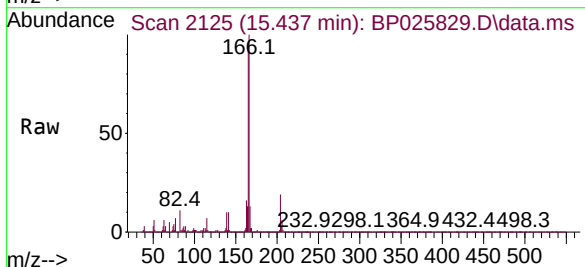
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

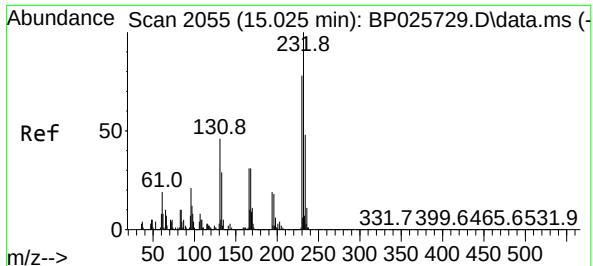
Tgt Ion:165 Resp: 719986  
Ion Ratio Lower Upper  
165 100  
63 45.8 37.7 56.5  
89 71.3 61.0 91.6  
182 2.9 2.4 3.6



#58  
Fluorene  
Concen: 40.958 ng  
RT: 15.437 min Scan# 2125  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:166 Resp: 1998268  
Ion Ratio Lower Upper  
166 100  
165 96.3 77.7 116.5  
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.691 ng

RT: 15.013 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

Tgt Ion:232 Resp: 608441

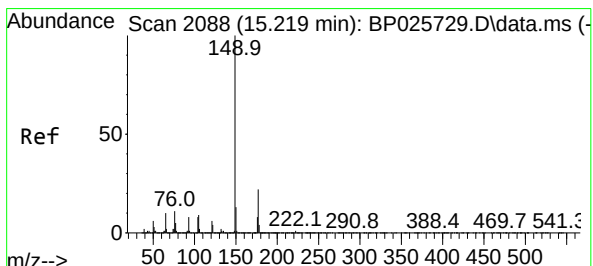
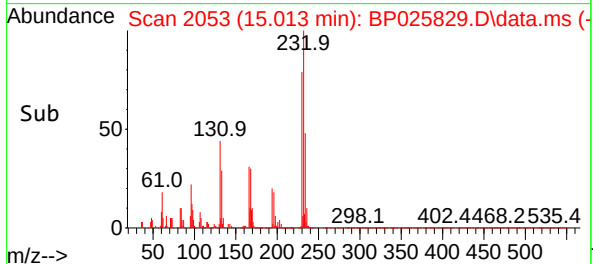
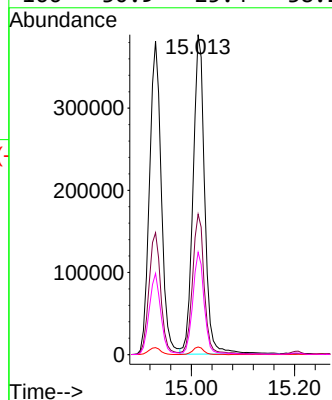
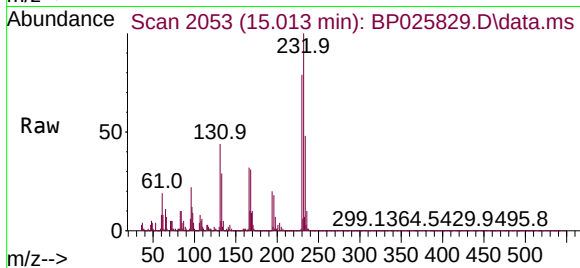
Ion Ratio Lower Upper

232 100

131 44.4 36.7 55.1

130 2.3 2.0 3.0

166 30.9 25.4 38.2



#60

Diethylphthalate

Concen: 43.615 ng

RT: 15.207 min Scan# 2086

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

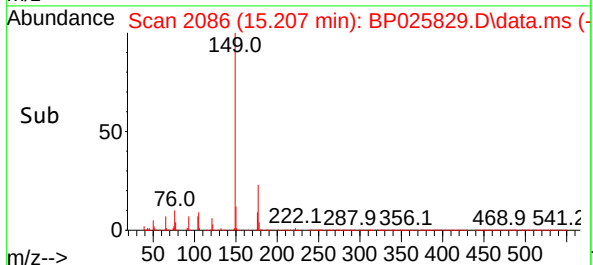
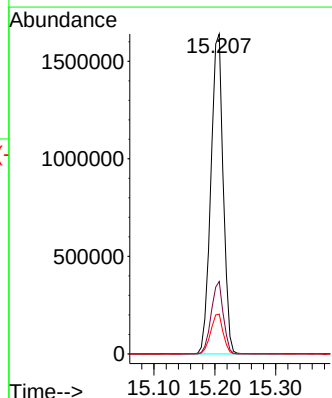
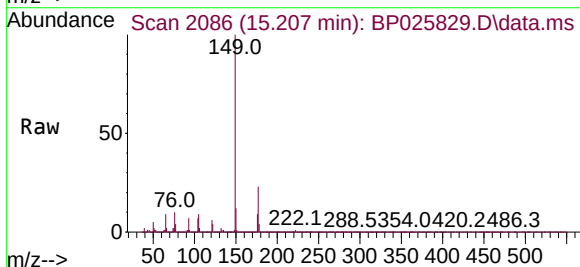
Tgt Ion:149 Resp: 2302476

Ion Ratio Lower Upper

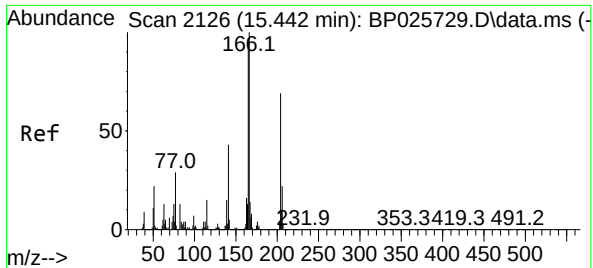
149 100

177 22.6 17.7 26.5

150 12.4 10.0 15.0



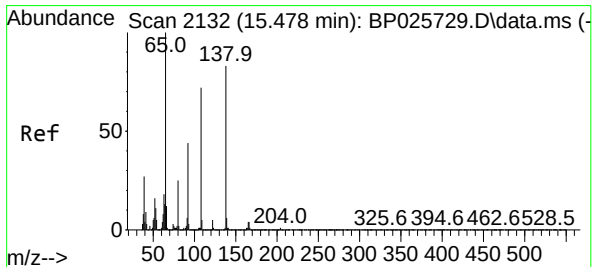
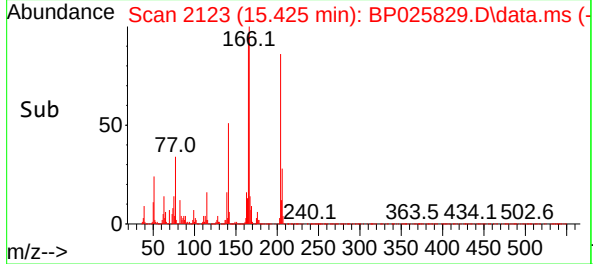
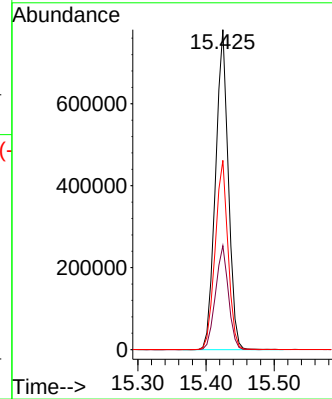
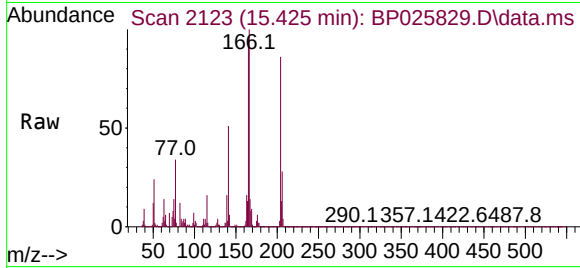




#61  
4-Chlorophenyl-phenylether  
Concen: 41.462 ng  
RT: 15.425 min Scan# 2126  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

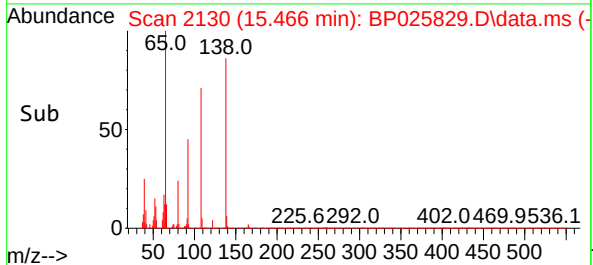
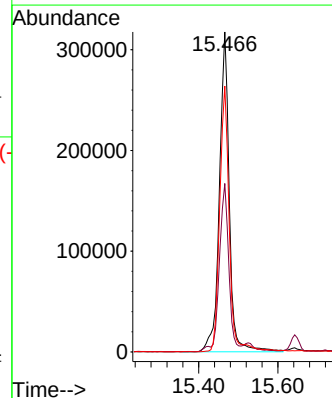
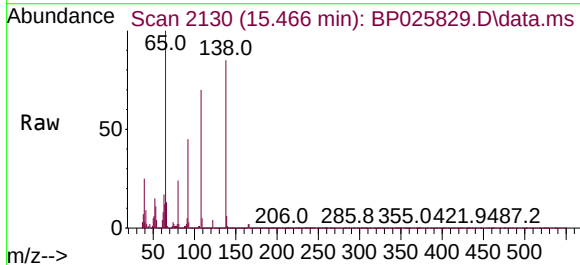
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

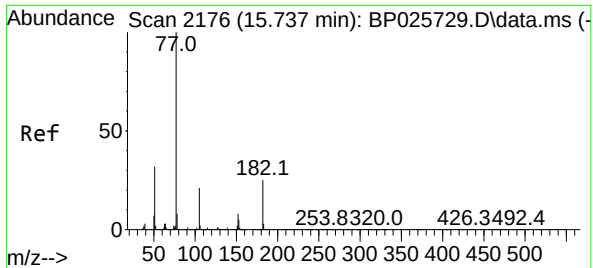
Tgt Ion:204 Resp: 1019460  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.0 39.0  
141 59.1 49.7 74.5



#62  
4-Nitroaniline  
Concen: 46.407 ng  
RT: 15.466 min Scan# 2130  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:138 Resp: 551265  
Ion Ratio Lower Upper  
138 100  
92 52.6 33.3 73.3  
108 83.1 66.7 106.7

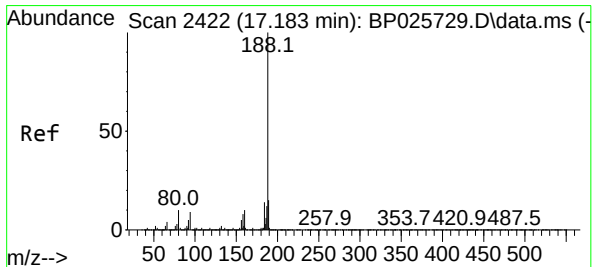
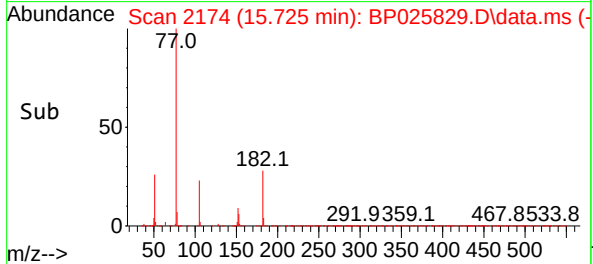
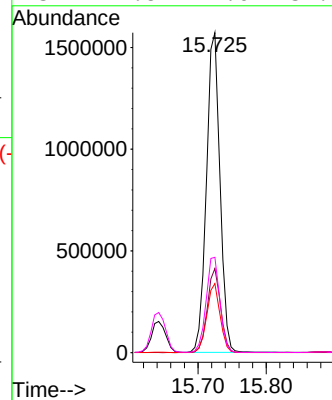
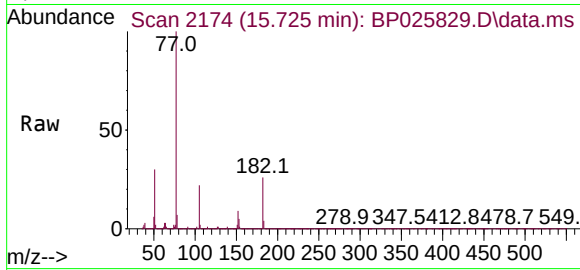




#63  
Azobenzene  
Concen: 42.413 ng  
RT: 15.725 min Scan# 2176  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

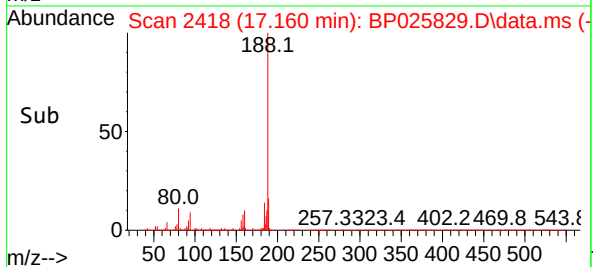
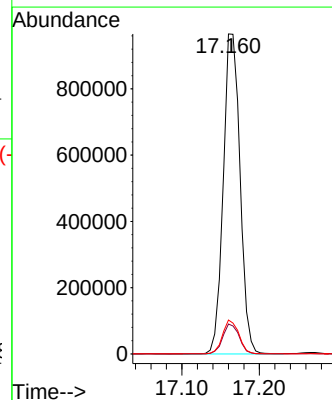
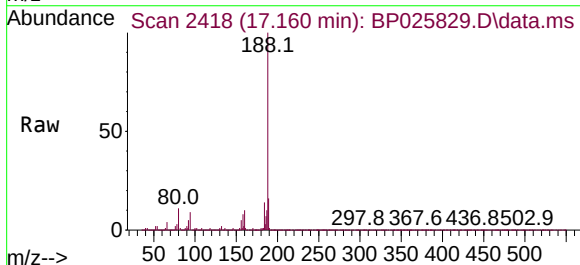
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

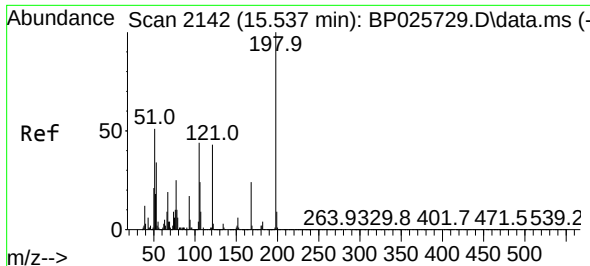
Tgt Ion: 77 Resp: 2164974  
Ion Ratio Lower Upper  
77 100  
182 26.3 5.2 45.2  
105 21.6 1.1 41.1  
51 29.8 11.6 51.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.160 min Scan# 2418  
Delta R.T. -0.024 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion: 188 Resp: 1453274  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.4 11.0  
80 10.6 7.7 11.5

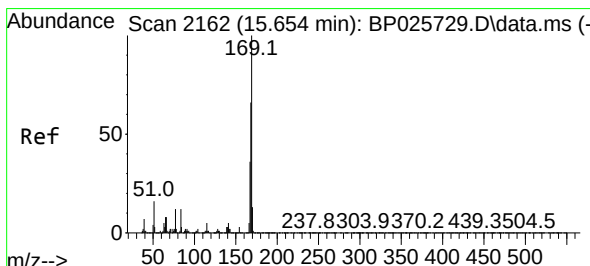
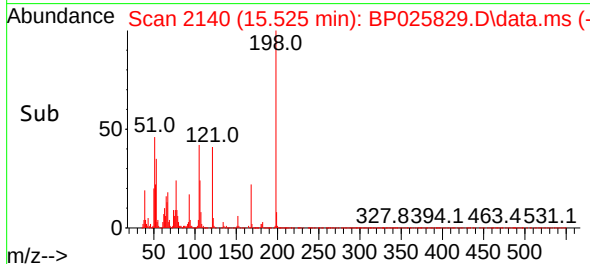
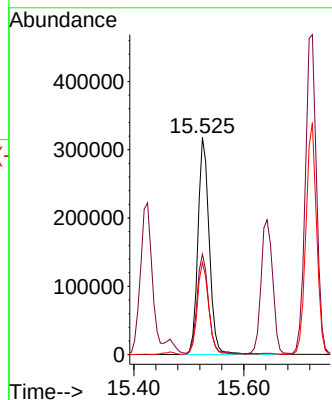
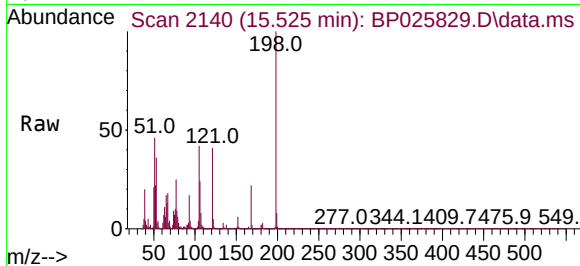




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.023 ng  
RT: 15.525 min Scan# 2140  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

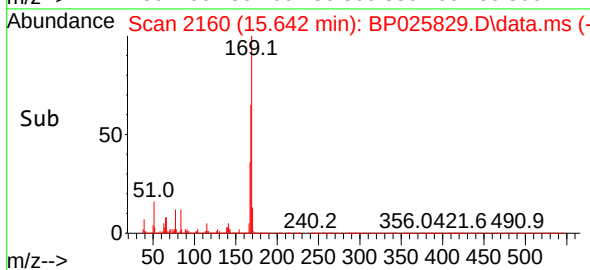
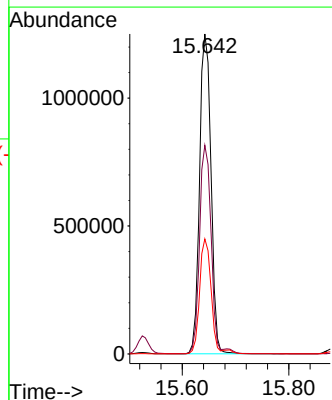
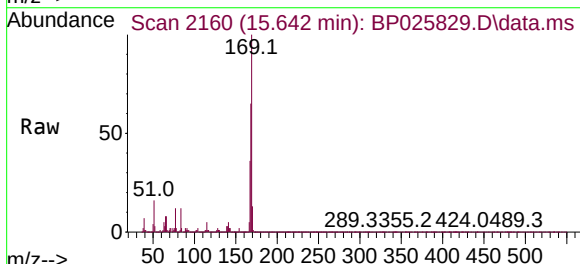
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

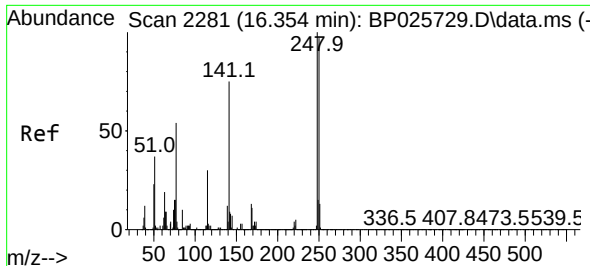
Tgt Ion:198 Resp: 454463  
Ion Ratio Lower Upper  
198 100  
51 46.3 33.4 73.4  
105 42.4 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 41.711 ng  
RT: 15.642 min Scan# 2160  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:169 Resp: 1855030  
Ion Ratio Lower Upper  
169 100  
168 65.2 52.6 78.8  
167 35.9 28.5 42.7

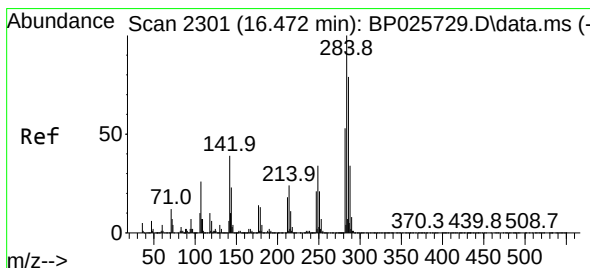
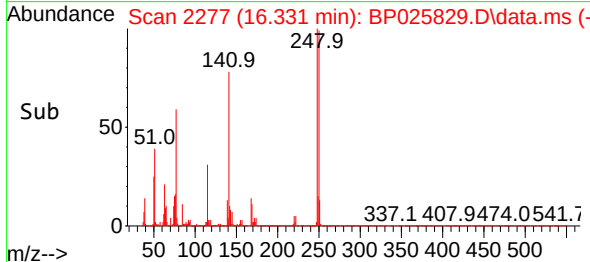
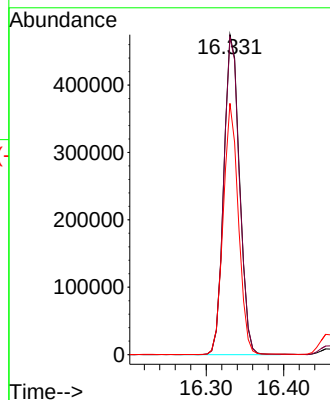
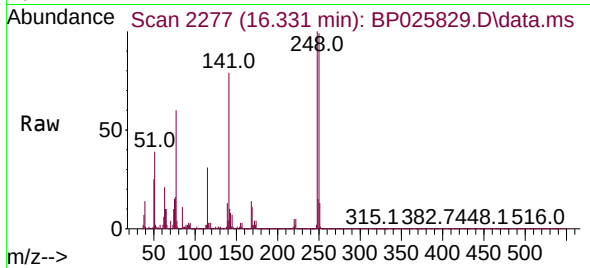




#67  
4-Bromophenyl-phenylether  
Concen: 41.981 ng  
RT: 16.331 min Scan# 2277  
Delta R.T. -0.024 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

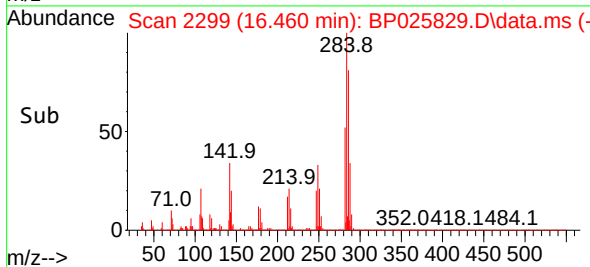
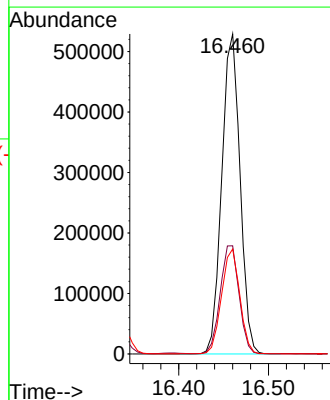
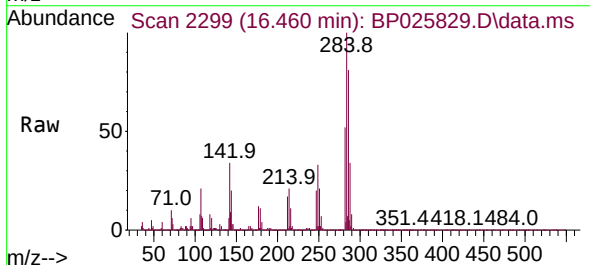
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

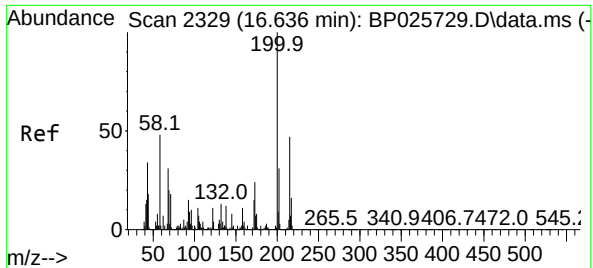
Tgt Ion:248 Resp: 670251  
Ion Ratio Lower Upper  
248 100  
250 99.2 77.5 116.3  
141 78.5 60.2 90.4



#68  
Hexachlorobenzene  
Concen: 41.866 ng  
RT: 16.460 min Scan# 2299  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:284 Resp: 745391  
Ion Ratio Lower Upper  
284 100  
142 33.8 31.3 46.9  
249 32.8 27.3 40.9

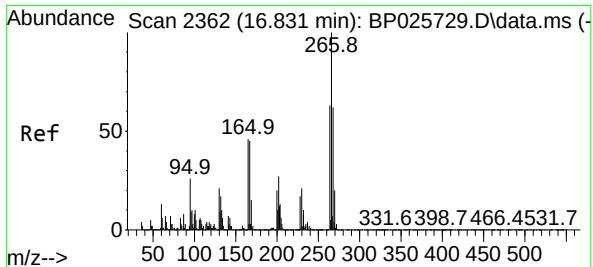
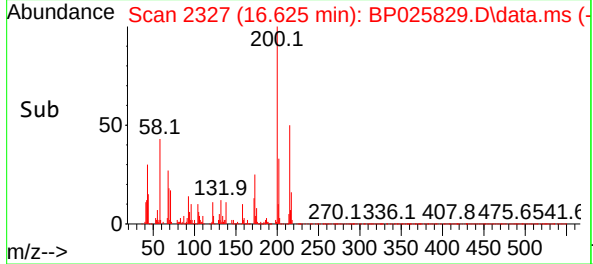
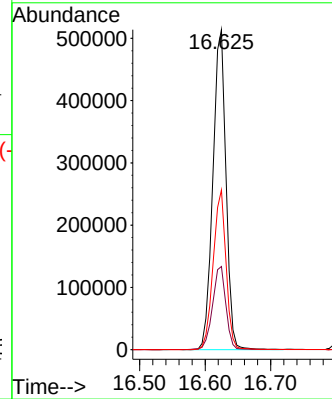
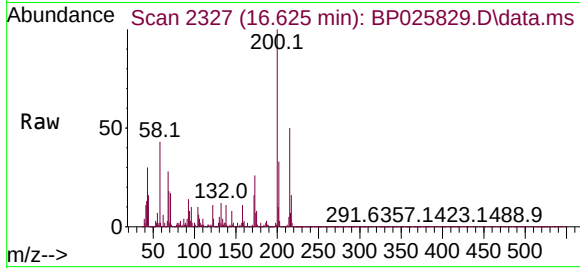




#69  
Atrazine  
Concen: 41.910 ng  
RT: 16.625 min Scan# 2329  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

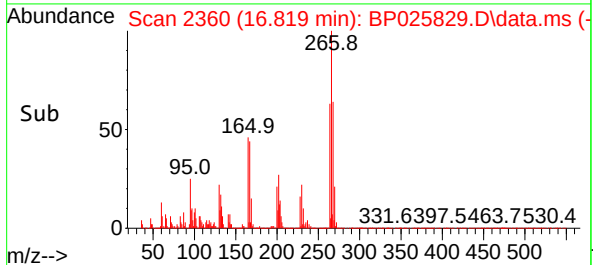
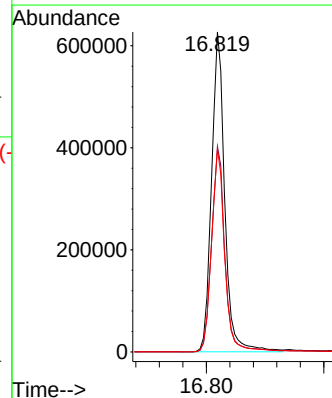
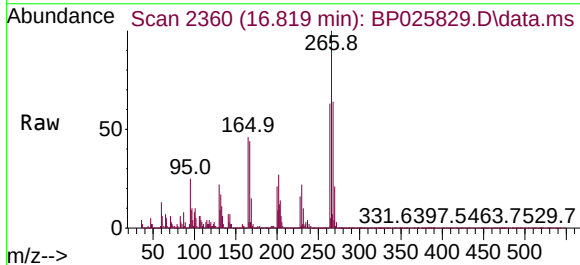
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

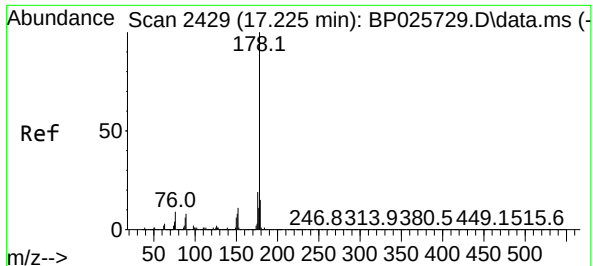
Tgt Ion:200 Resp: 712462  
Ion Ratio Lower Upper  
200 100  
173 26.0 4.2 44.2  
215 49.9 27.3 67.3



#70  
Pentachlorophenol  
Concen: 83.091 ng  
RT: 16.819 min Scan# 2360  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:266 Resp: 976380  
Ion Ratio Lower Upper  
266 100  
268 64.2 49.8 74.8  
264 63.4 50.2 75.2

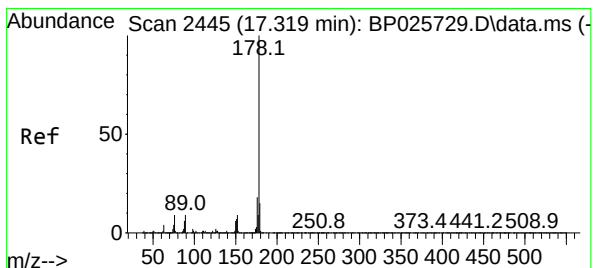
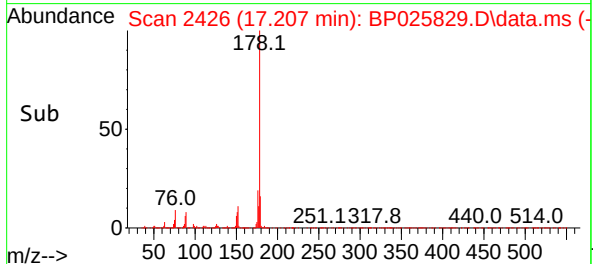
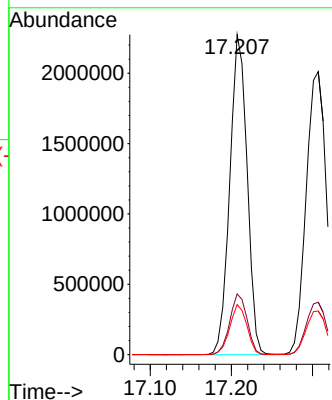
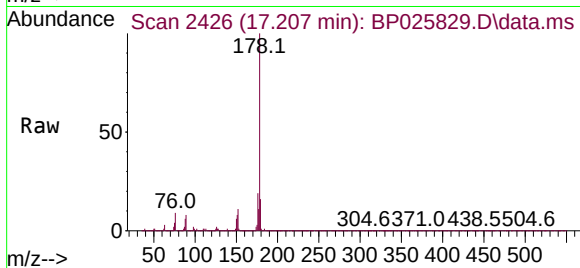




#71  
Phenanthrene  
Concen: 40.942 ng  
RT: 17.207 min Scan# 2429  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

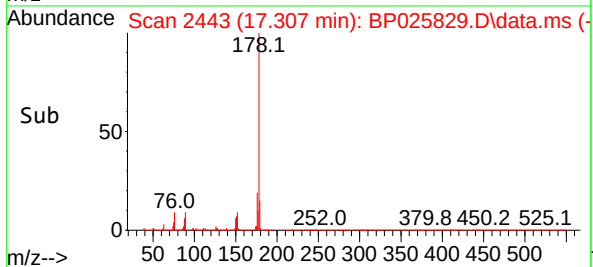
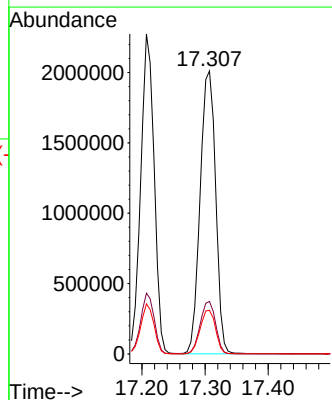
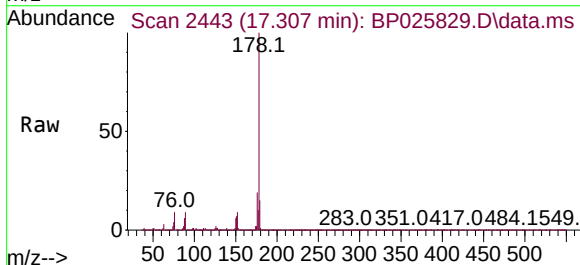
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

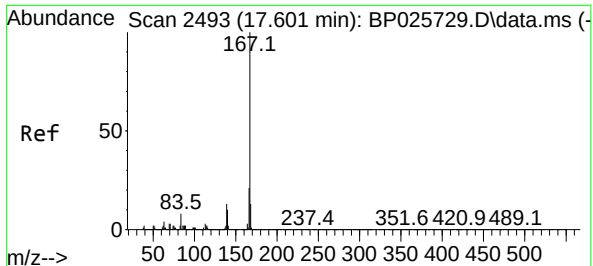
Tgt Ion:178 Resp: 3375172  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.2  
179 15.6 12.2 18.4



#72  
Anthracene  
Concen: 40.986 ng  
RT: 17.307 min Scan# 2443  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:178 Resp: 3428247  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.4 12.2 18.4

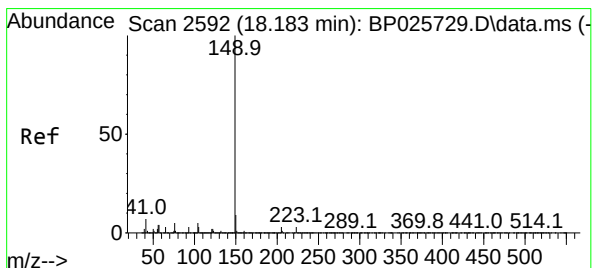
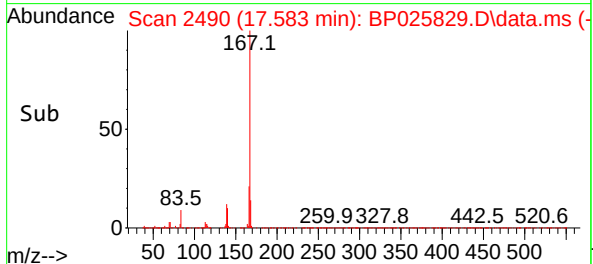
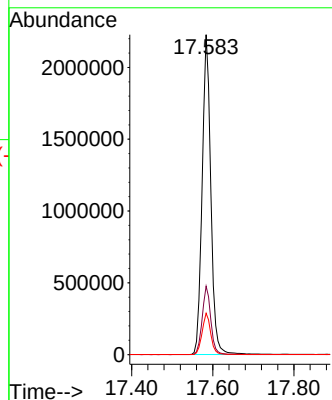
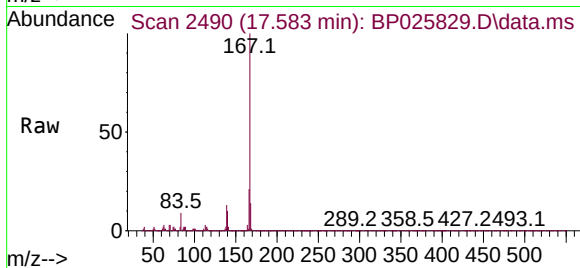




#73  
 Carbazole  
 Concen: 42.368 ng  
 RT: 17.583 min Scan# 2490  
 Delta R.T. -0.018 min  
 Lab File: BP025829.D  
 Acq: 23 Sep 2025 14:29

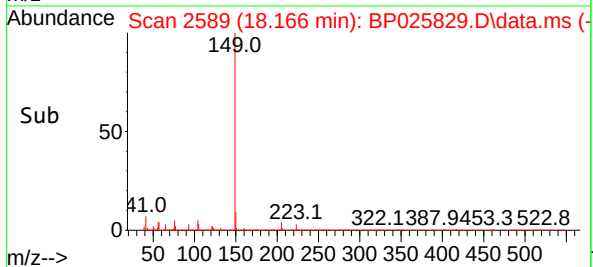
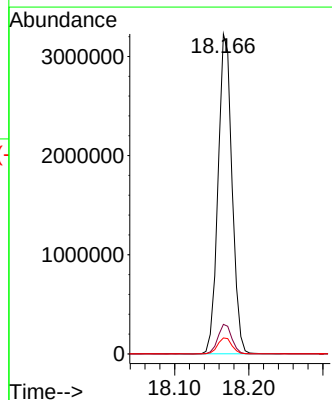
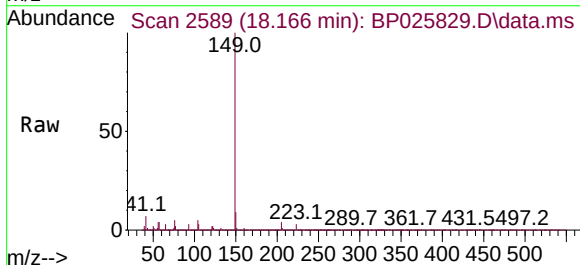
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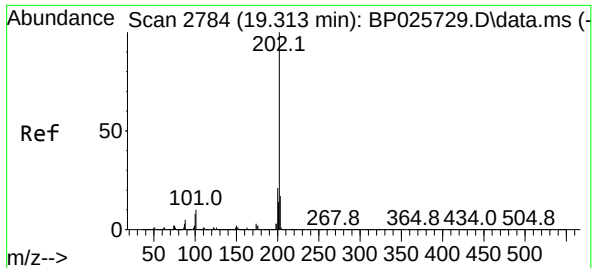
Tgt Ion:167 Resp: 3294726  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.0 25.4  
 139 12.9 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 44.196 ng  
 RT: 18.166 min Scan# 2589  
 Delta R.T. -0.018 min  
 Lab File: BP025829.D  
 Acq: 23 Sep 2025 14:29

Tgt Ion:149 Resp: 4217646  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.0 4.3 6.5

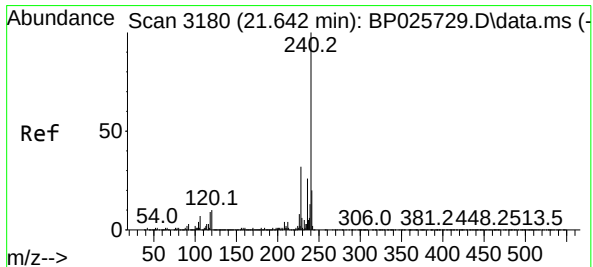
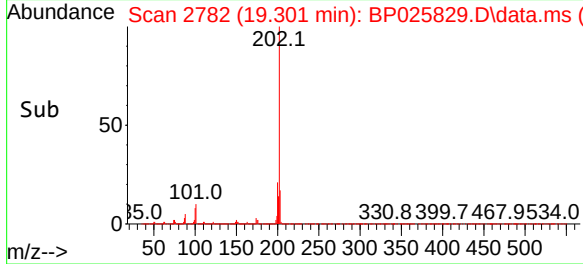
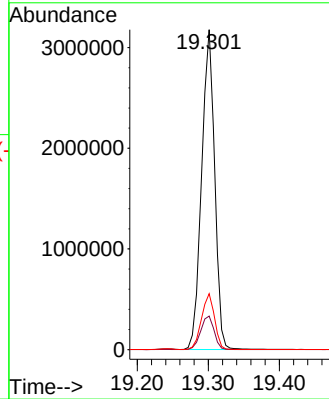
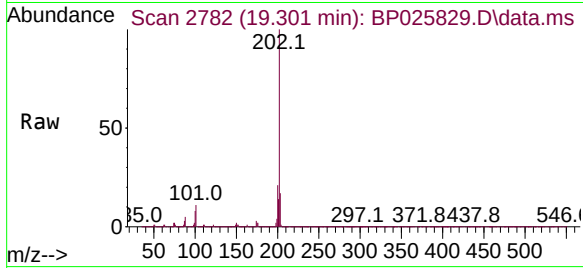




#75  
Fluoranthene  
Concen: 40.754 ng  
RT: 19.301 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

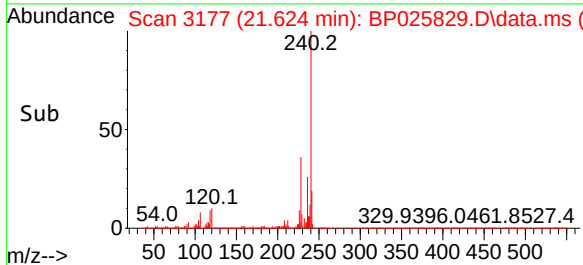
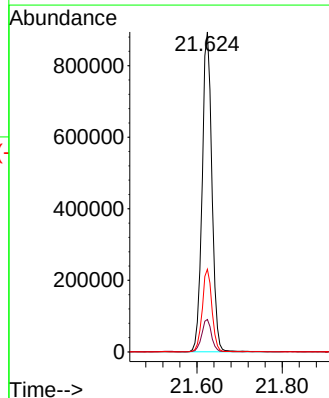
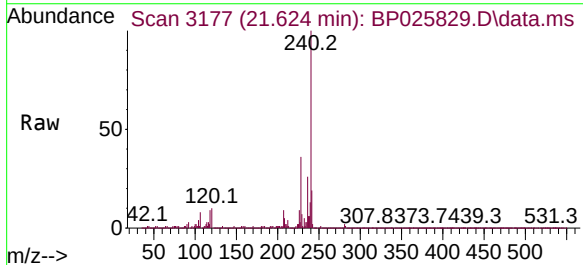
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

Tgt Ion:202 Resp: 4029329  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 30.4  
203 17.5 0.0 37.4

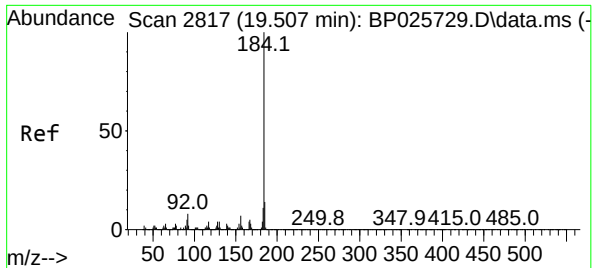


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.624 min Scan# 3177  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:240 Resp: 1418311  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.0 12.0  
236 25.8 20.7 31.1



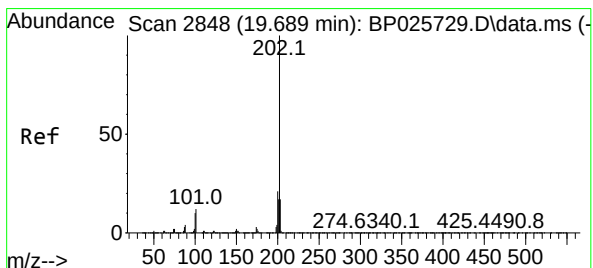
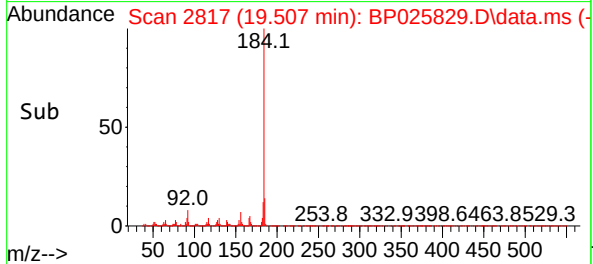
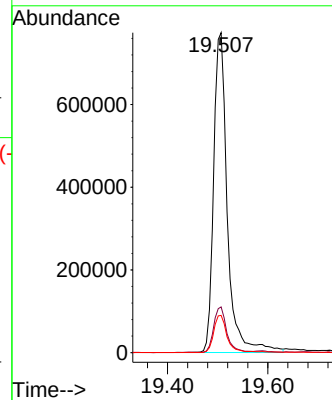
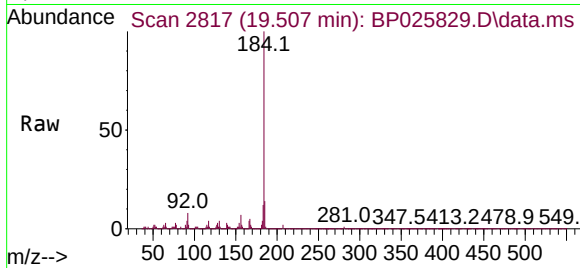




#77  
Benzidine  
Concen: 35.955 ng  
RT: 19.507 min Scan# 2817  
Delta R.T. 0.000 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

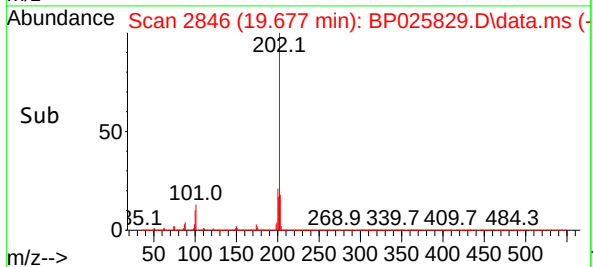
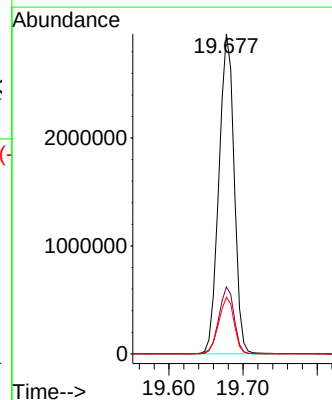
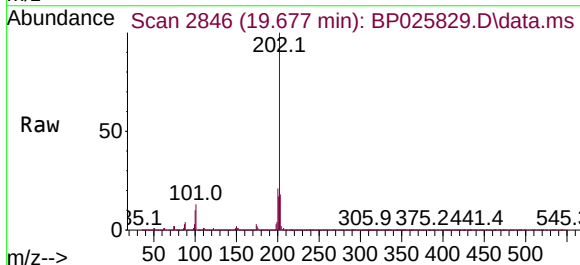
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

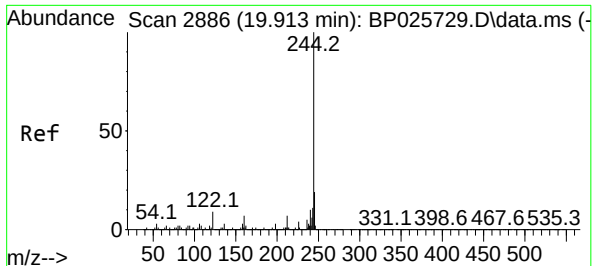
Tgt Ion:184 Resp: 1468939  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.5 17.3  
183 11.6 9.2 13.8



#78  
Pyrene  
Concen: 44.767 ng  
RT: 19.677 min Scan# 2846  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:202 Resp: 4236623  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.0 25.6  
203 17.7 13.9 20.9

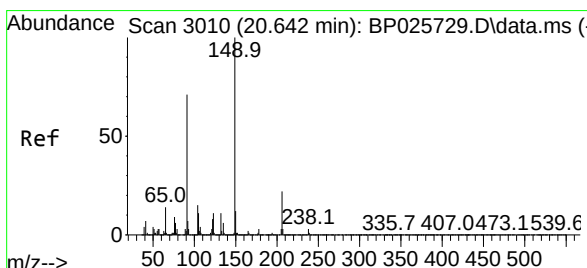
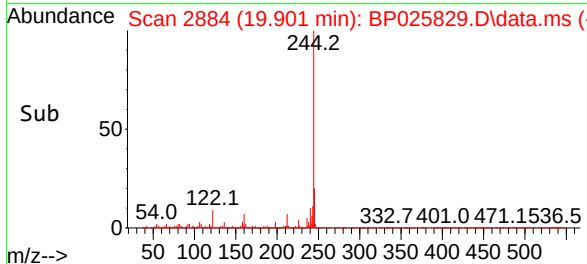
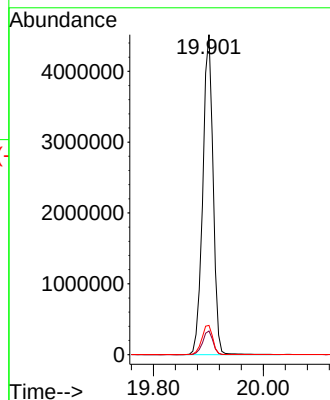
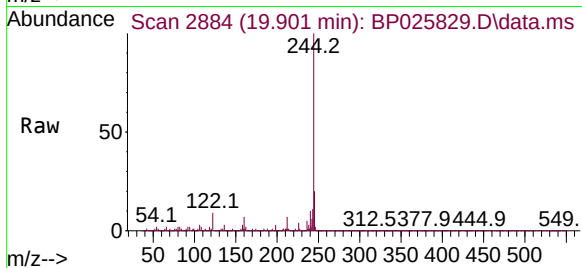




#79  
 Terphenyl-d14  
 Concen: 74.299 ng  
 RT: 19.901 min Scan# 2884  
 Delta R.T. -0.012 min  
 Lab File: BP025829.D  
 Acq: 23 Sep 2025 14:29

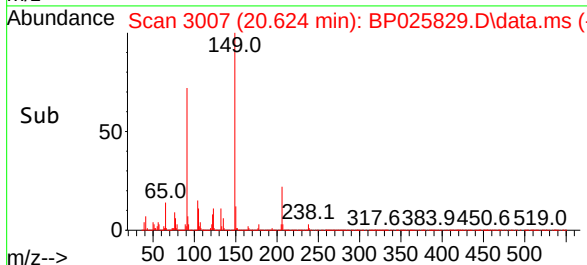
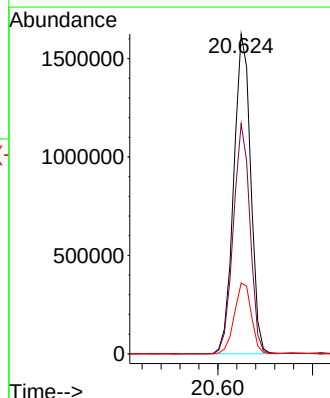
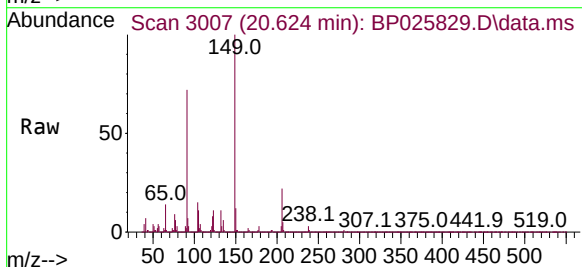
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB169774BS

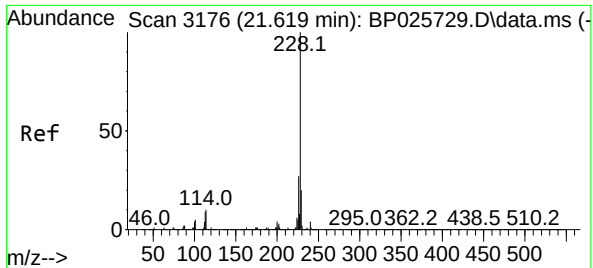
Tgt Ion:244 Resp: 5857684  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 9.1 7.1 10.7



#80  
 Butylbenzylphthalate  
 Concen: 48.602 ng  
 RT: 20.624 min Scan# 3007  
 Delta R.T. -0.018 min  
 Lab File: BP025829.D  
 Acq: 23 Sep 2025 14:29

Tgt Ion:149 Resp: 2016722  
 Ion Ratio Lower Upper  
 149 100  
 91 71.9 56.6 85.0  
 206 22.1 17.4 26.0

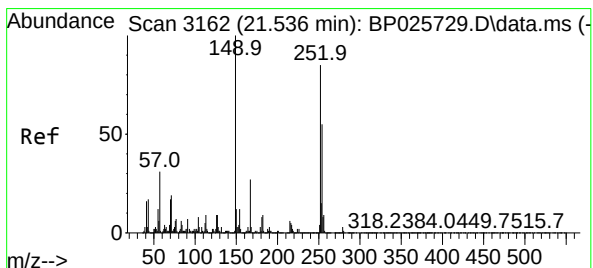
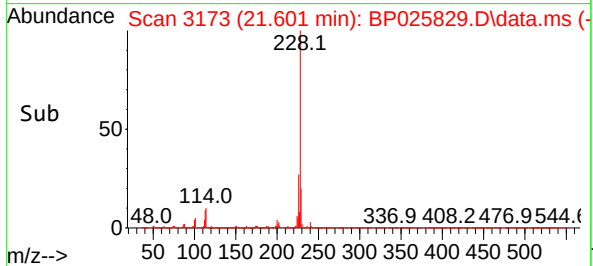
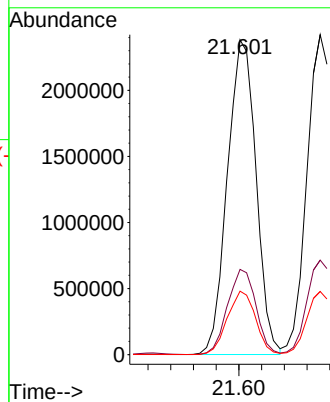
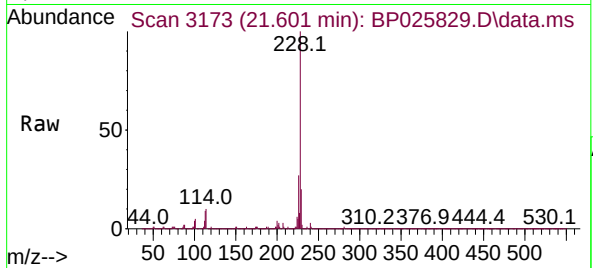




#81  
Benzo(a)anthracene  
Concen: 43.005 ng  
RT: 21.601 min Scan# 3176  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

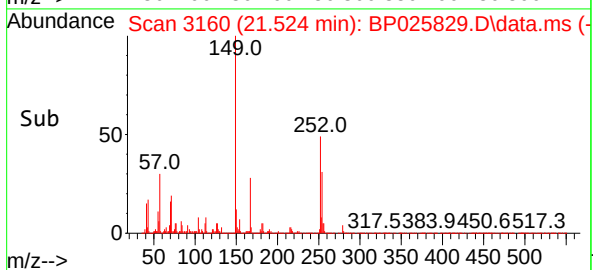
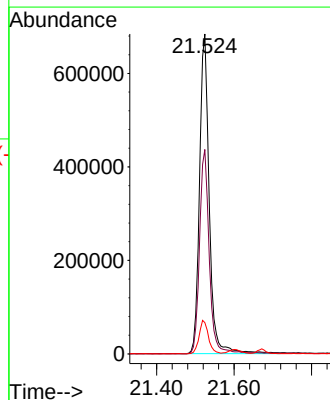
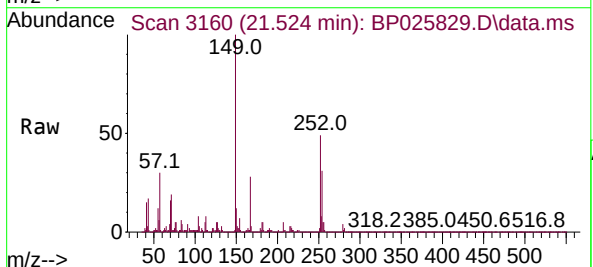
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

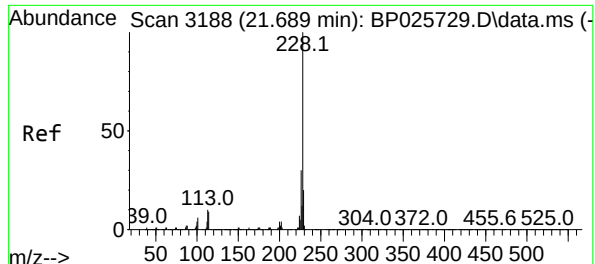
Tgt Ion:228 Resp: 4175782  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.6 32.4  
229 20.1 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 35.546 ng  
RT: 21.524 min Scan# 3160  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:252 Resp: 1193425  
Ion Ratio Lower Upper  
252 100  
254 63.9 51.4 77.0  
126 9.8 8.3 12.5





#83

Chrysene

Concen: 41.533 ng

RT: 21.671 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

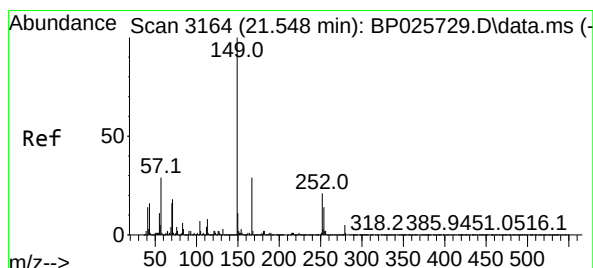
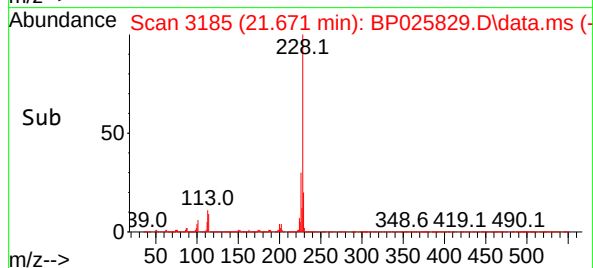
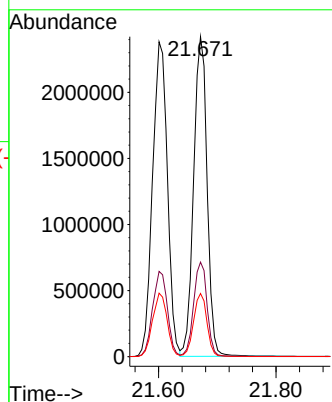
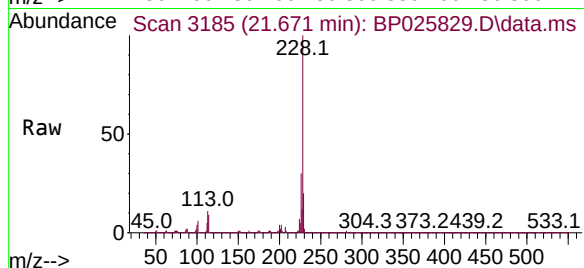
Tgt Ion:228 Resp: 3844315

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.692 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

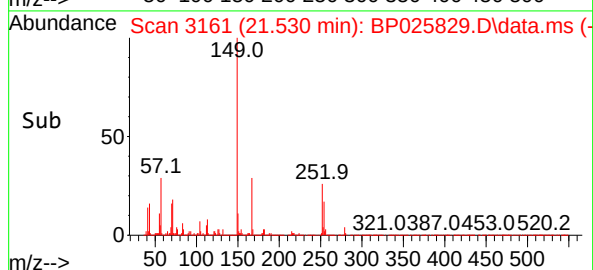
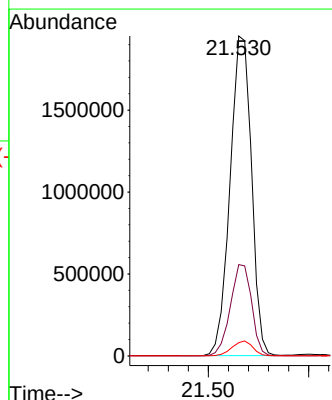
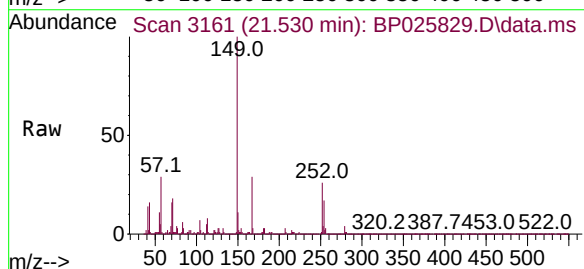
Tgt Ion:149 Resp: 2895302

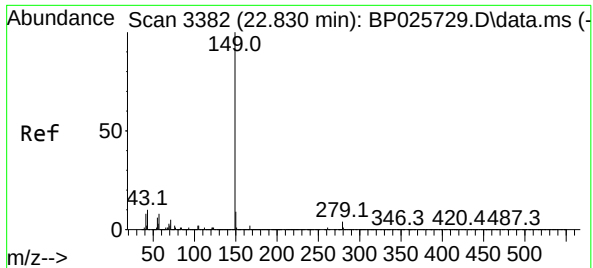
Ion Ratio Lower Upper

149 100

167 28.5 22.9 34.3

279 4.1 3.8 5.8

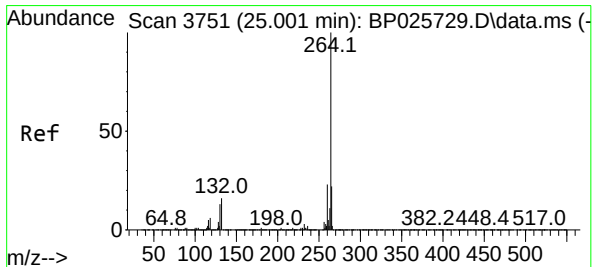
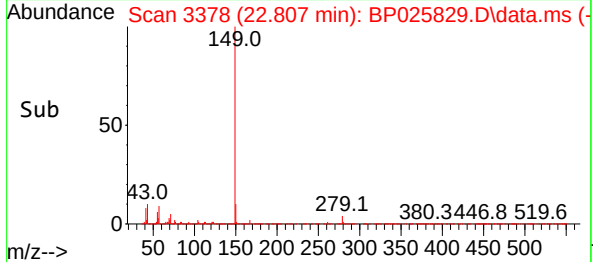
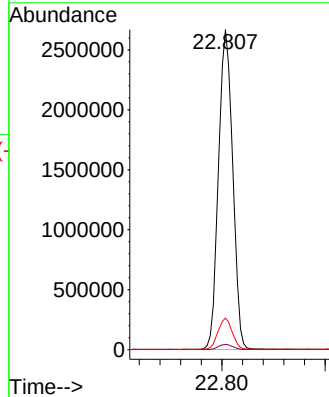
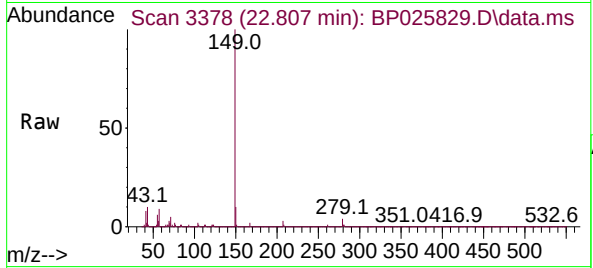




#85  
Di-n-octyl phthalate  
Concen: 47.503 ng  
RT: 22.807 min Scan# 3382  
Delta R.T. -0.024 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

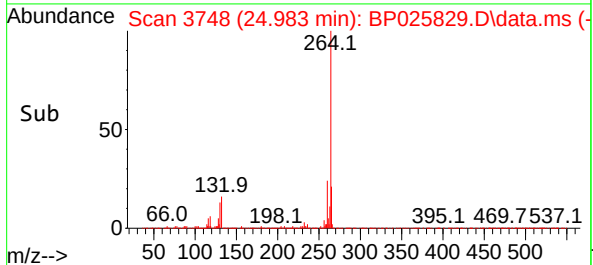
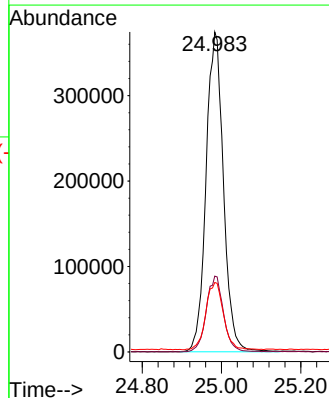
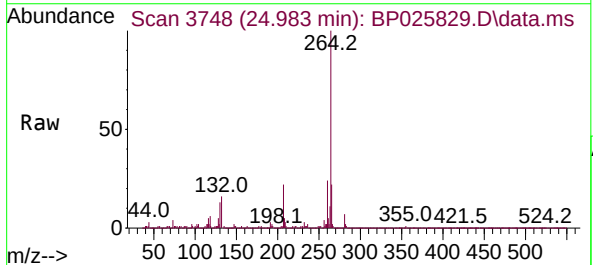
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

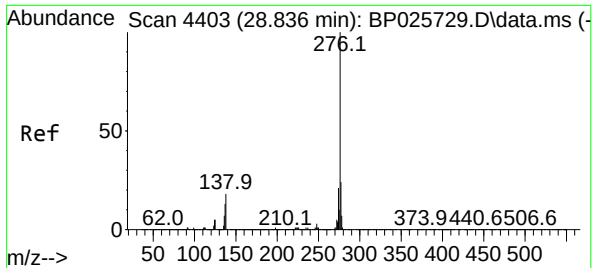
Tgt Ion:149 Resp: 5129788  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.6 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.983 min Scan# 3748  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:264 Resp: 1138065  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.3 27.5  
265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.083 ng

RT: 28.824 min Scan# 4403

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

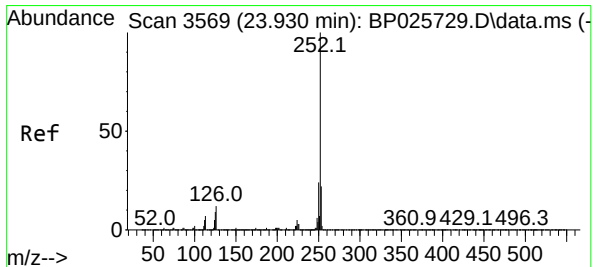
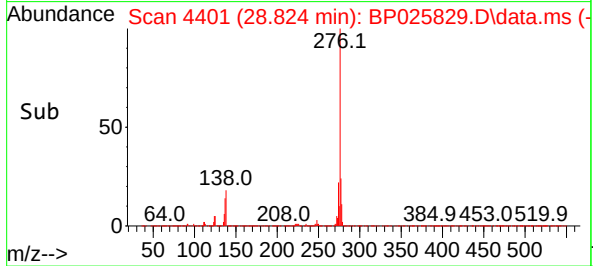
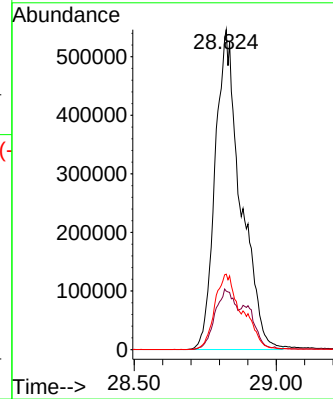
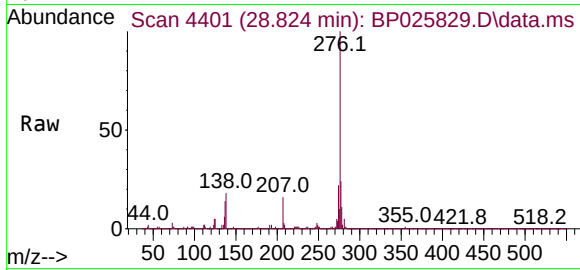
Tgt Ion:276 Resp: 3400109

Ion Ratio Lower Upper

276 100

138 14.9 13.4 20.2

277 25.4 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 49.777 ng

RT: 23.918 min Scan# 3567

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

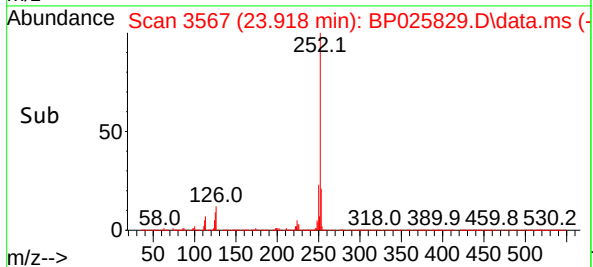
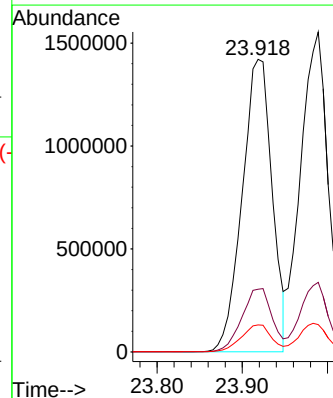
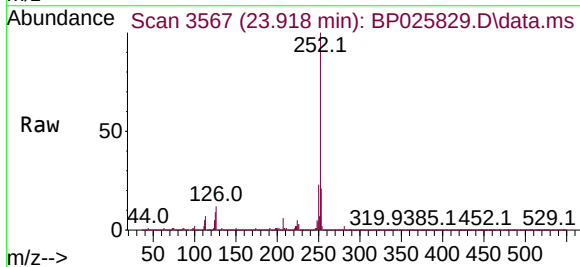
Tgt Ion:252 Resp: 3464231

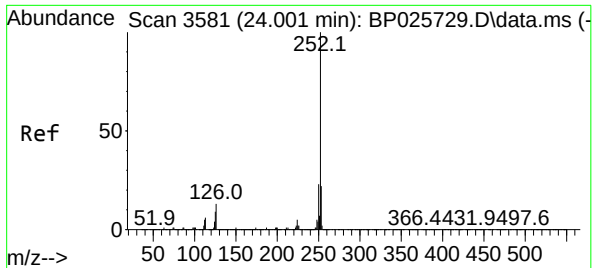
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 9.2 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 49.829 ng

RT: 23.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

Instrument :

BNA\_P

ClientSampleId :

PB169774BS

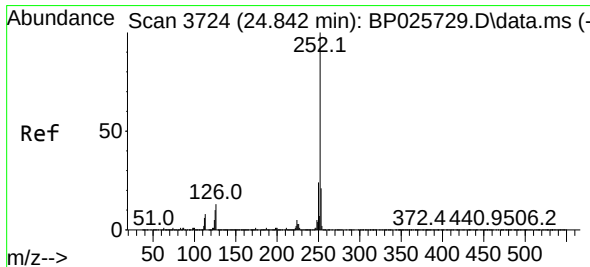
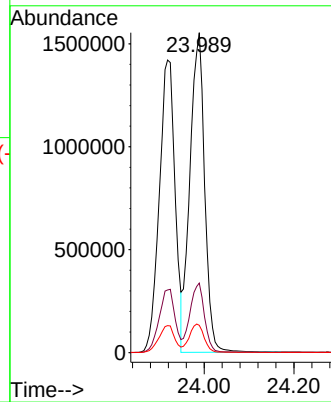
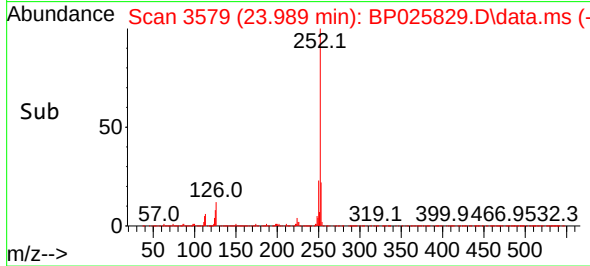
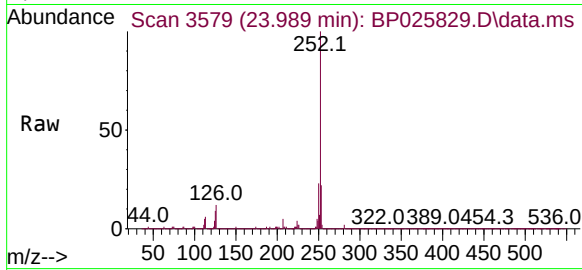
Tgt Ion:252 Resp: 3538734

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.844 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.018 min

Lab File: BP025829.D

Acq: 23 Sep 2025 14:29

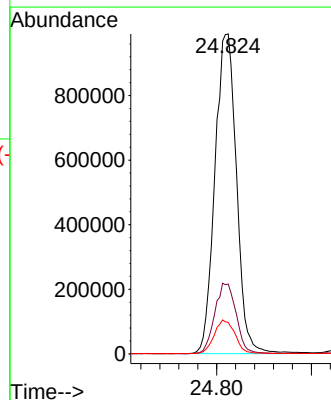
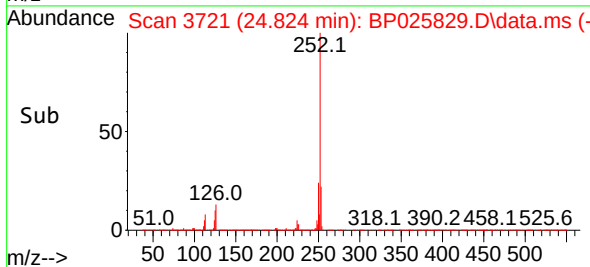
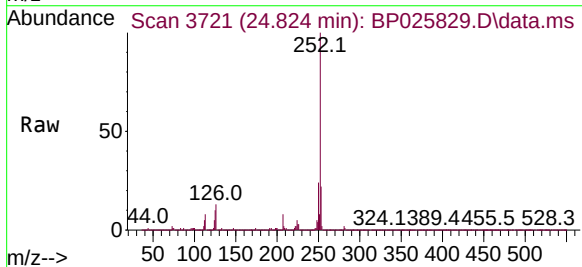
Tgt Ion:252 Resp: 3124450

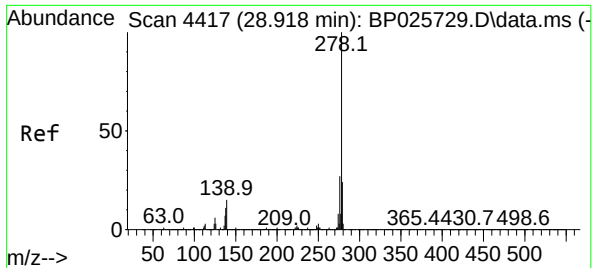
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.8 8.3 12.5

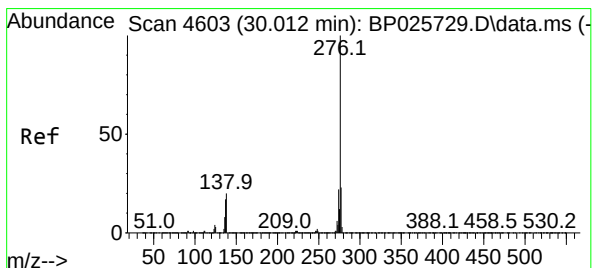
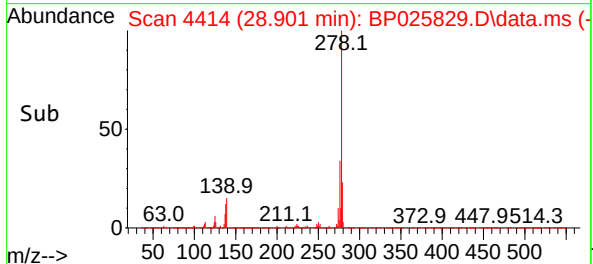
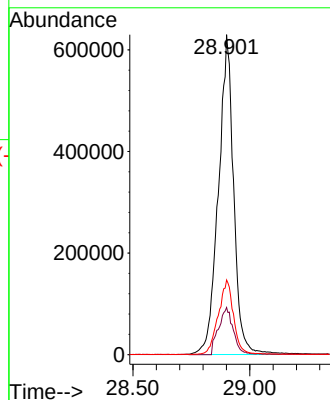
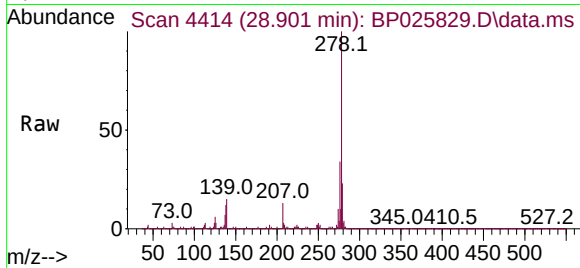




#91  
Dibenzo(a,h)anthracene  
Concen: 42.208 ng  
RT: 28.901 min Scan# 4417  
Delta R.T. -0.018 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

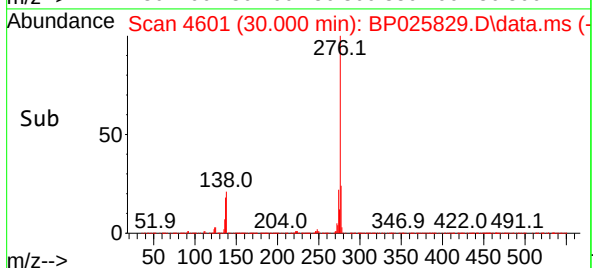
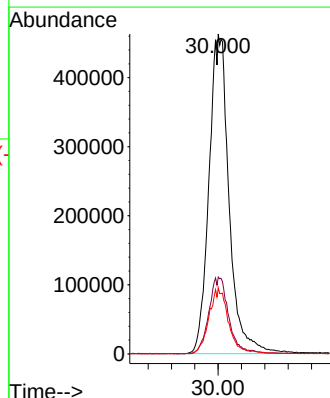
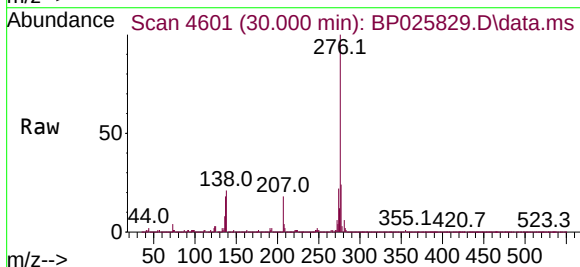
Instrument :  
BNA\_P  
ClientSampleId :  
PB169774BS

Tgt Ion:278 Resp: 2858622  
Ion Ratio Lower Upper  
278 100  
139 14.7 12.1 18.1  
279 23.3 19.6 29.4



#92  
Benzo(g,h,i)perylene  
Concen: 41.477 ng  
RT: 30.000 min Scan# 4601  
Delta R.T. -0.012 min  
Lab File: BP025829.D  
Acq: 23 Sep 2025 14:29

Tgt Ion:276 Resp: 2762595  
Ion Ratio Lower Upper  
276 100  
277 24.0 18.7 28.1  
138 20.6 16.0 24.0





## Report of Analysis

|                    |                                 |                 |               |
|--------------------|---------------------------------|-----------------|---------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/19/25      |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25      |
| Client Sample ID:  | OR-500-COMP-40MS                | SDG No.:        | Q3155         |
| Lab Sample ID:     | Q3153-05MS                      | Matrix:         | SOIL          |
| Analytical Method: | 8270E                           | % Solid:        | 86.8          |
| Sample Wt/Vol:     | 50.01      Units: g             | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N                    | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541                          |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025835.D        | 1         | 09/22/25 09:30 | 09/23/25 18:41 | PB169774      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 1000    |           | 15.7     | 120        | ug/Kg             |
| 86-73-7                   | Fluorene               | 1000    |           | 17.5     | 120        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 1000    |           | 14.4     | 120        | ug/Kg             |
| 120-12-7                  | Anthracene             | 1000    |           | 23.0     | 120        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 1100    |           | 24.9     | 120        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 1000    |           | 15.9     | 120        | ug/Kg             |
| 218-01-9                  | Chrysene               | 1000    |           | 13.8     | 120        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 1000    |           | 13.1     | 120        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 1000    |           | 20.4     | 120        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 1000    |           | 20.1     | 120        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 1000    |           | 17.8     | 120        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 57.1    |           | 18 - 107 | 57%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 48.9    |           | 20 - 109 | 49%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 56.1    |           | 10 - 105 | 56%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 186000  | 7.748     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 779000  | 10.513    |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 543000  | 14.372    |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1060000 | 17.177    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 916000  | 21.63     |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 1000000 | 24.983    |          |            |                   |

## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/19/25                     |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25                     |
| Client Sample ID:  | OR-500-COMP-40MS                | SDG No.:        | Q3155                        |
| Lab Sample ID:     | Q3153-05MS                      | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 86.8                         |
| Sample Wt/Vol:     | 50.01      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :    N                 | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025835.D        | 1         | 09/22/25 09:30 | 09/23/25 18:41 | PB169774      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025835.D  
 Acq On : 23 Sep 2025 18:41  
 Operator : CG/JU  
 Sample : Q3153-05MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-500-COMP-40MS

Quant Time: Sep 23 19:02:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.748  | 152  | 185533   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.513 | 136  | 778843   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.372 | 164  | 542949   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.177 | 188  | 1061855  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 915774   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 24.983 | 264  | 1000886  | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 1221294  | 106.214 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.948  | 99   | 1620877  | 106.054 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.895  | 82   | 1008582  | 57.123  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 669768   | 98.900  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.978 | 172  | 1995004  | 48.925  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.901 | 244  | 2856312  | 56.111  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.302  | 88   | 158243   | 32.790  | ng    | 100      |
| 3) Pyridine                   | 3.702  | 79   | 456011   | 34.316  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.607  | 42   | 247598   | 39.487  | ng    | 94       |
| 6) Aniline                    | 7.090  | 93   | 642202   | 30.610  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.331  | 128  | 605842   | 48.029  | ng    | 98       |
| 9) Benzaldehyde               | 6.901  | 77   | 351617   | 38.383  | ng    | 98       |
| 10) Phenol                    | 6.978  | 94   | 753571   | 46.760  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.178  | 93   | 566234   | 43.733  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.643  | 146  | 621228   | 43.271  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.784  | 146  | 631436   | 43.178  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.095  | 146  | 618252   | 43.518  | ng    | 98       |
| 15) Benzyl Alcohol            | 7.995  | 79   | 568826   | 45.041  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.266  | 45   | 928898   | 43.870  | ng    | 98       |
| 17) 2-Methylphenol            | 8.207  | 107  | 515645   | 47.458  | ng    | 98       |
| 18) Hexachloroethane          | 8.813  | 117  | 259942   | 46.535  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.548  | 70   | 473018   | 44.373  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.531  | 107  | 697791   | 45.858  | ng    | 99       |
| 22) Acetophenone              | 8.566  | 105  | 1011017  | 48.575  | ng    | # 98     |
| 24) Nitrobenzene              | 8.937  | 77   | 689791   | 43.549  | ng    | 97       |
| 25) Isophorone                | 9.460  | 82   | 1337131  | 43.086  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.642  | 139  | 336132   | 47.797  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.713  | 122  | 579607   | 46.980  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 9.931  | 93   | 809394   | 45.118  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.189 | 162  | 599729   | 48.754  | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.384 | 180  | 620051   | 44.726  | ng    | 99       |
| 31) Naphthalene               | 10.566 | 128  | 1828945  | 43.551  | ng    | 98       |
| 32) Benzoic acid              | 9.907  | 122  | 482441   | 52.596  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.684 | 127  | 334376   | 19.103  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.848 | 225  | 400265   | 44.851  | ng    | 99       |
| 35) Caprolactam               | 11.489 | 113  | 201916   | 42.582  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.831 | 107  | 670998   | 45.753  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.172 | 142  | 1213176  | 44.977  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.407 | 142  | 1264939  | 43.977  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.548 | 216  | 820790   | 49.888  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.525 | 237  | 646359   | 72.132  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 516683   | 47.770  | ng    | 100      |

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 Data File : BP025835.D  
 Acq On : 23 Sep 2025 18:41  
 Operator : CG/JU  
 Sample : Q3153-05MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-500-COMP-40MS

Quant Time: Sep 23 19:02:35 2025  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

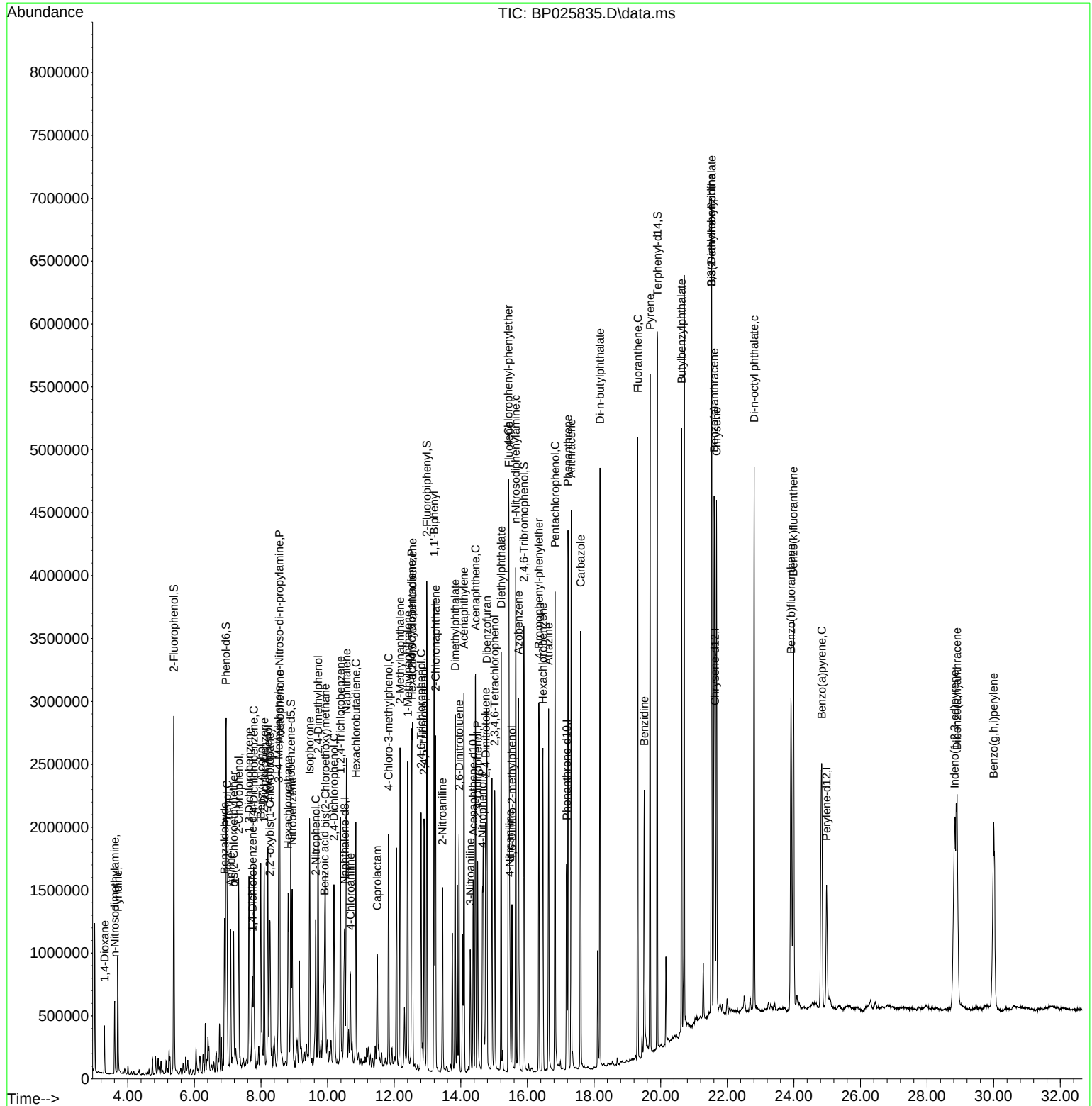
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|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.895 | 196  | 558959   | 46.435 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.195 | 154  | 1938288  | 48.636 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.242 | 162  | 1383490  | 44.088 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.448 | 65   | 462913   | 44.254 | ng    | 99       |
| 49) Acenaphthylene            | 14.095 | 152  | 2320876  | 44.638 | ng    | 100      |
| 50) Dimethylphthalate         | 13.830 | 163  | 1816929  | 43.832 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.948 | 165  | 392775   | 44.723 | ng    | 98       |
| 52) Acenaphthene              | 14.442 | 154  | 1302208  | 43.430 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.283 | 138  | 266886   | 28.898 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.507 | 184  | 418688   | 73.727 | ng    | 97       |
| 55) Dibenzofuran              | 14.777 | 168  | 2133886  | 43.666 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.648 | 139  | 574100   | 72.623 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.748 | 165  | 563759   | 45.106 | ng    | 94       |
| 58) Fluorene                  | 15.442 | 166  | 1704140  | 43.854 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.019 | 232  | 488665   | 45.065 | ng    | 97       |
| 60) Diethylphthalate          | 15.213 | 149  | 1888547  | 44.915 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.430 | 204  | 876026   | 44.732 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.472 | 138  | 389612   | 41.180 | ng    | 97       |
| 63) Azobenzene                | 15.730 | 77   | 1978890  | 48.673 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.536 | 198  | 301041   | 42.630 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.648 | 169  | 1517394  | 46.696 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.342 | 248  | 559305   | 47.946 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.466 | 284  | 606055   | 46.588 | ng    | 96       |
| 69) Atrazine                  | 16.636 | 200  | 591977   | 47.658 | ng    | 98       |
| 70) Pentachlorophenol         | 16.830 | 266  | 747253   | 87.033 | ng    | 99       |
| 71) Phenanthrene              | 17.218 | 178  | 2601634  | 43.192 | ng    | 99       |
| 72) Anthracene                | 17.318 | 178  | 2711056  | 44.359 | ng    | 99       |
| 73) Carbazole                 | 17.595 | 167  | 2437888  | 42.906 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.177 | 149  | 3365104  | 48.261 | ng    | 100      |
| 75) Fluoranthene              | 19.313 | 202  | 3014541  | 41.729 | ng    | 100      |
| 77) Benzidine                 | 19.507 | 184  | 1508877  | 57.200 | ng    | 100      |
| 78) Pyrene                    | 19.683 | 202  | 3030748  | 49.599 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.630 | 149  | 1444373  | 53.910 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.607 | 228  | 2856867  | 45.568 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.524 | 252  | 847697   | 39.104 | ng    | 99       |
| 83) Chrysene                  | 21.677 | 228  | 2641572  | 44.200 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.530 | 149  | 2103785  | 53.670 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.806 | 149  | 3566683  | 51.153 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.830 | 276  | 3305488  | 45.414 | ng    | # 82     |
| 88) Benzo(b)fluoranthene      | 23.912 | 252  | 2770396  | 45.263 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.989 | 252  | 2797880  | 44.797 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.836 | 252  | 2665693  | 44.473 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.900 | 278  | 2709752  | 45.494 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.000 | 276  | 2666848  | 45.527 | ng    | 99       |

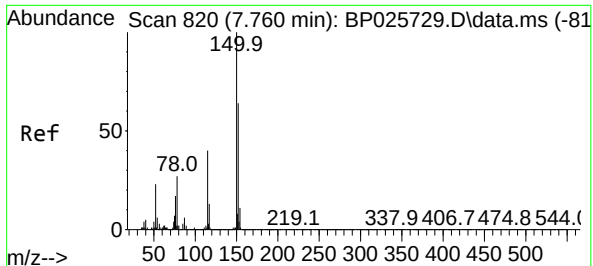
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Operator   : CG/JU  
Sample     : Q3153-05MS  
Misc       :  
ALS Vial   : 13      Sample Multiplier: 1
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**Instrument :**  
BNA\_P  
**ClientSampleId :**  
OR-500-COMP-40MS

Quant Time: Sep 23 19:02:35 2025  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration

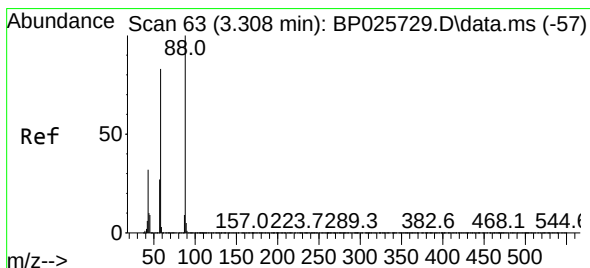
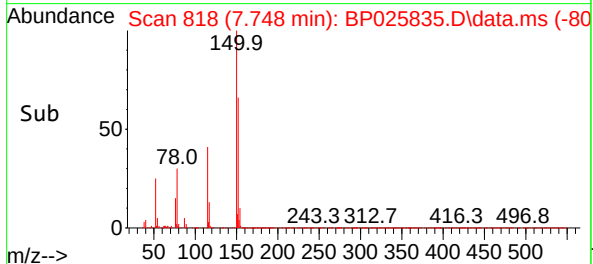
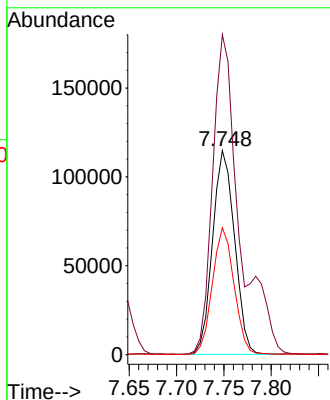
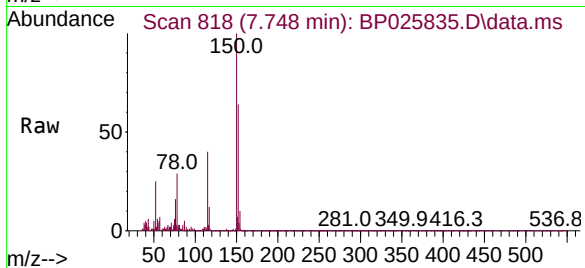




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.748 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

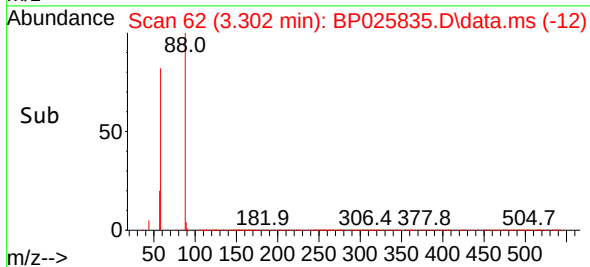
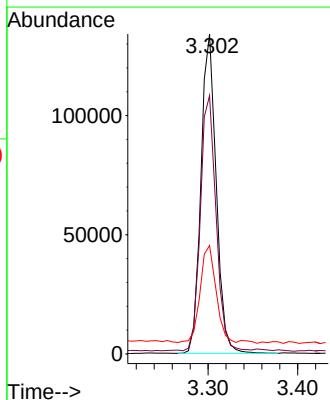
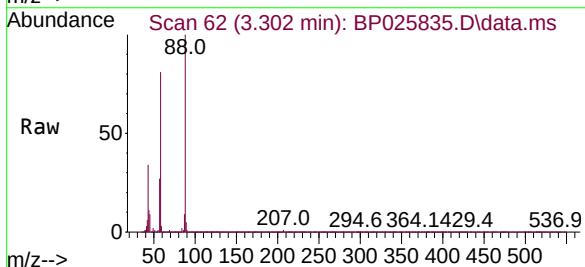
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OR-500-COMP-40MS

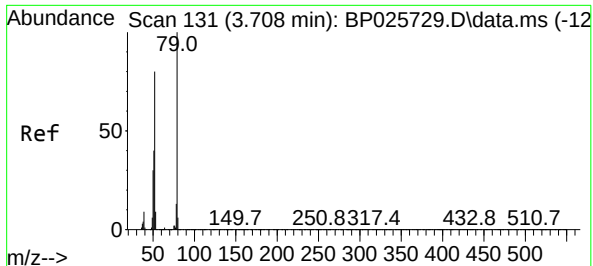
Tgt Ion:152 Resp: 185533  
Ion Ratio Lower Upper  
152 100  
150 156.9 124.3 186.5  
115 62.2 50.3 75.5



#2  
1,4-Dioxane  
Concen: 32.790 ng  
RT: 3.302 min Scan# 62  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion: 88 Resp: 158243  
Ion Ratio Lower Upper  
88 100  
58 81.8 65.5 98.3  
43 31.3 25.2 37.8

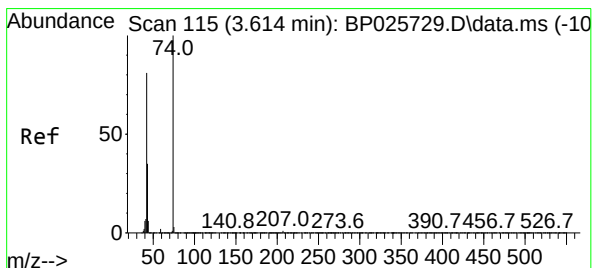
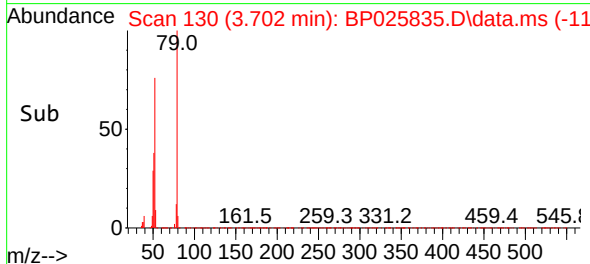
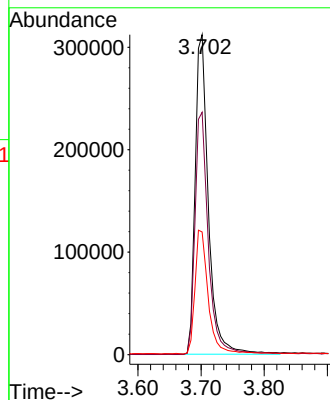
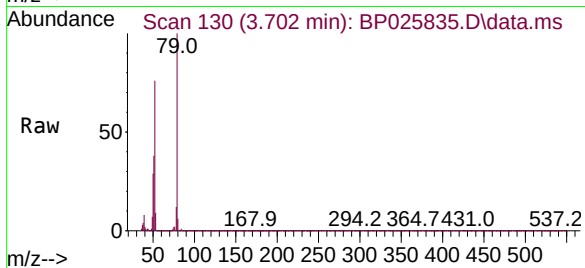




#3  
Pyridine  
Concen: 34.316 ng  
RT: 3.702 min Scan# 113  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

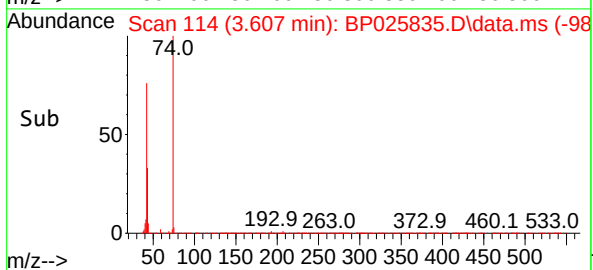
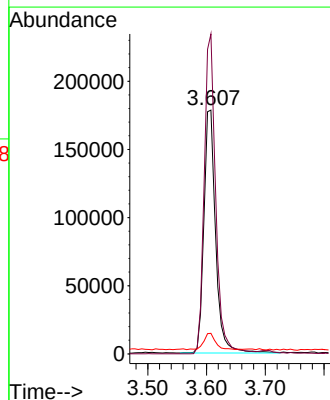
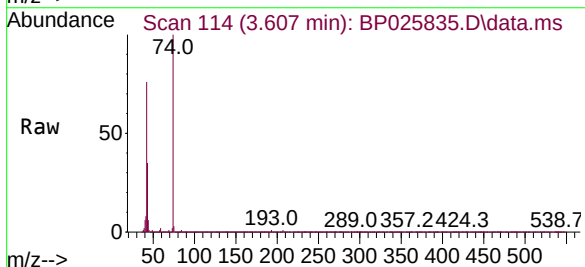
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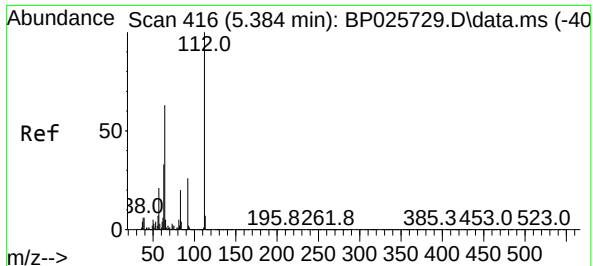
Tgt Ion: 79 Resp: 456011  
Ion Ratio Lower Upper  
79 100  
52 75.7 63.7 95.5  
51 38.3 32.4 48.6



#4  
n-Nitrosodimethylamine  
Concen: 39.487 ng  
RT: 3.607 min Scan# 114  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion: 42 Resp: 247598  
Ion Ratio Lower Upper  
42 100  
74 131.3 99.2 148.8  
44 8.4 6.4 9.6

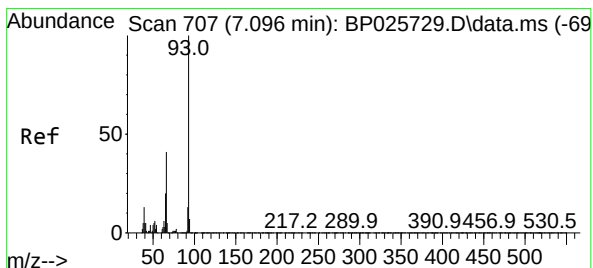
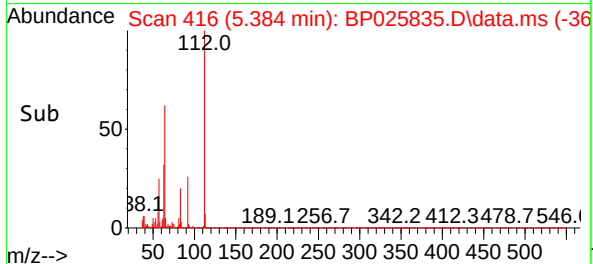
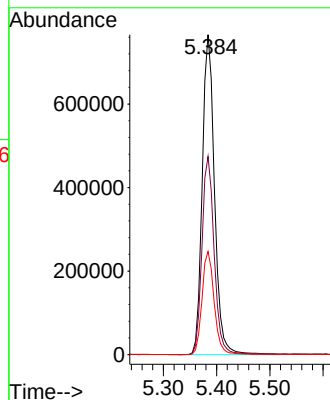
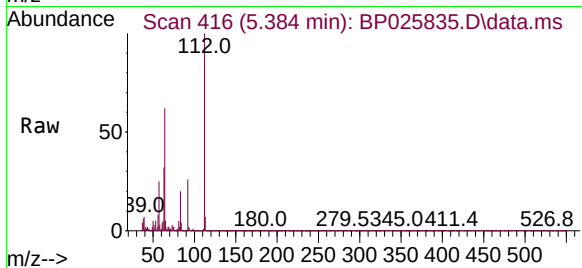




#5  
2-Fluorophenol  
Concen: 106.214 ng  
RT: 5.384 min Scan# 416  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

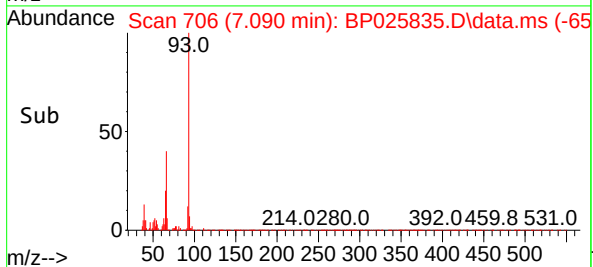
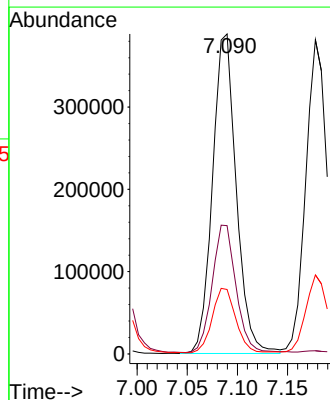
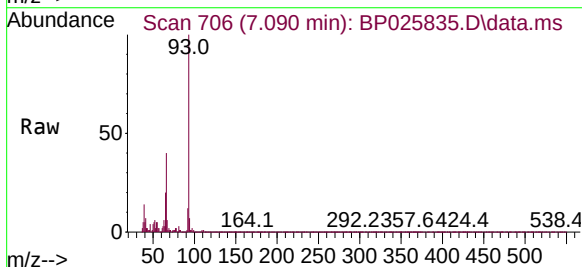
Instrument :  
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ClientSampleId :  
OR-500-COMP-40MS

Tgt Ion:112 Resp: 1221294  
Ion Ratio Lower Upper  
112 100  
64 61.9 50.2 75.4  
63 32.2 26.7 40.1

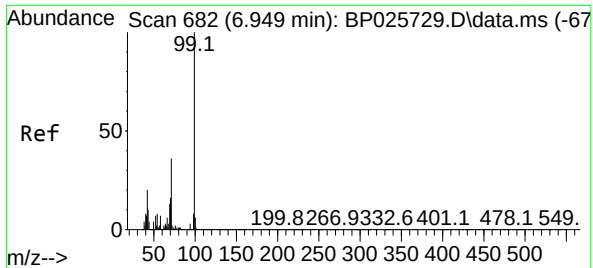


#6  
Aniline  
Concen: 30.610 ng  
RT: 7.090 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion: 93 Resp: 642202  
Ion Ratio Lower Upper  
93 100  
66 40.1 32.6 49.0  
65 20.1 16.2 24.2



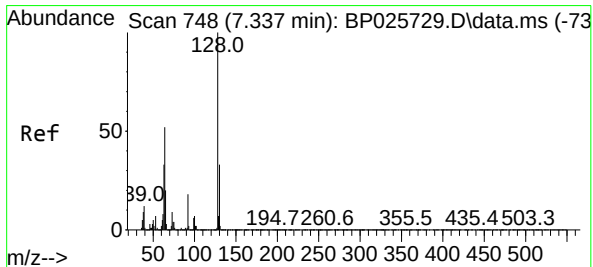
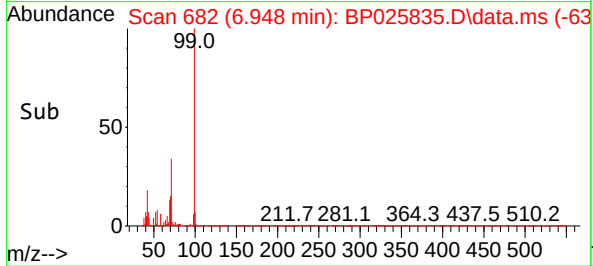
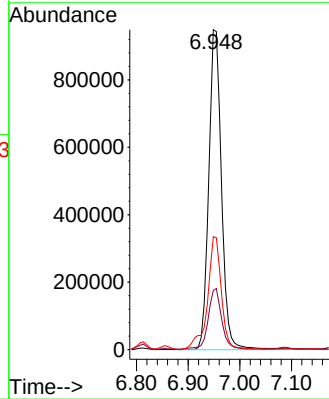
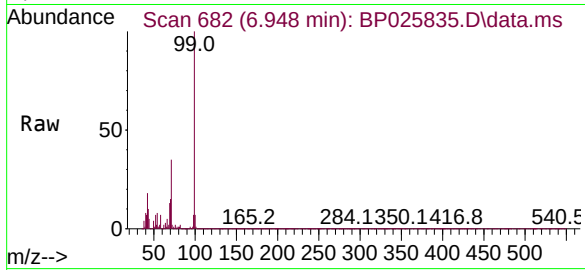




#7  
Phenol-d6  
Concen: 106.054 ng  
RT: 6.948 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

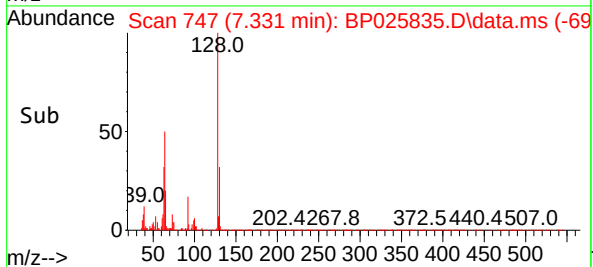
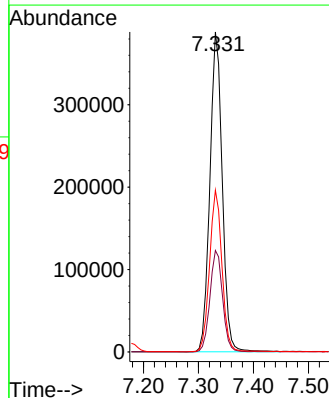
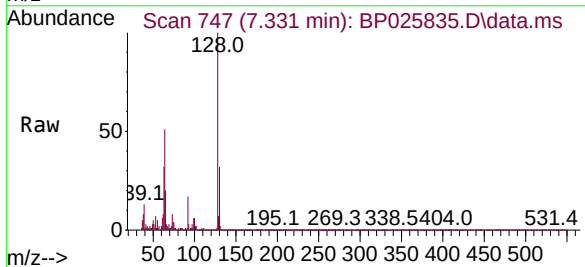
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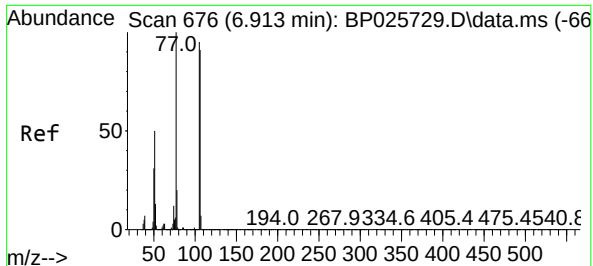
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Ion Ratio Lower Upper  
99 100  
42 18.5 15.6 23.4  
71 35.3 28.6 43.0



#8  
2-Chlorophenol  
Concen: 48.029 ng  
RT: 7.331 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion: 128 Resp: 605842  
Ion Ratio Lower Upper  
128 100  
130 31.7 12.6 52.6  
64 50.5 31.6 71.6

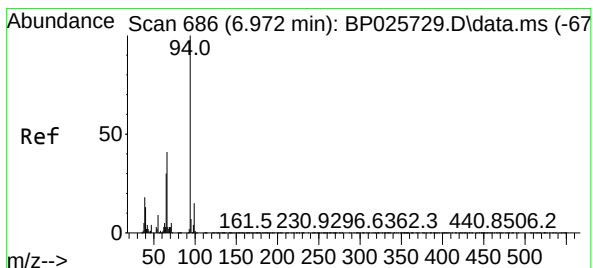
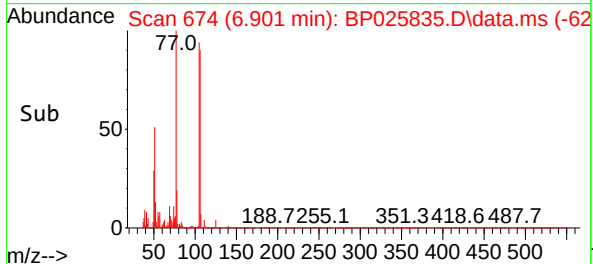
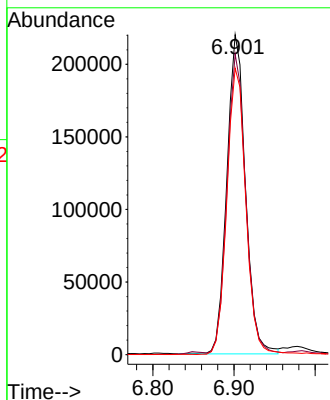
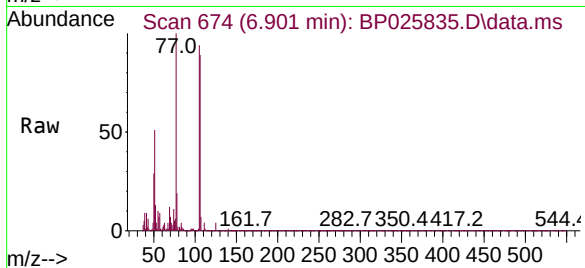




#9  
Benzaldehyde  
Concen: 38.383 ng  
RT: 6.901 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

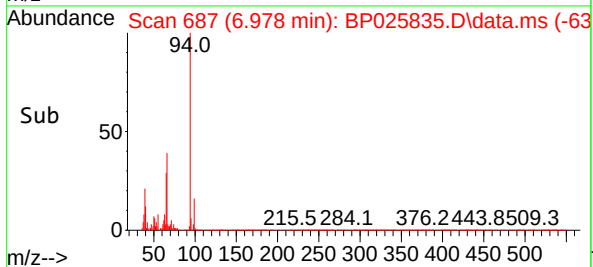
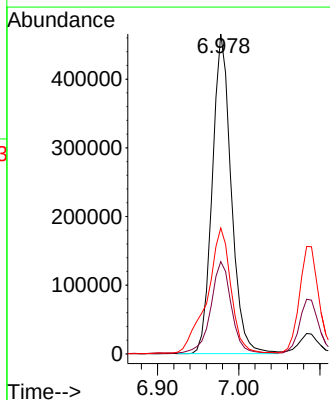
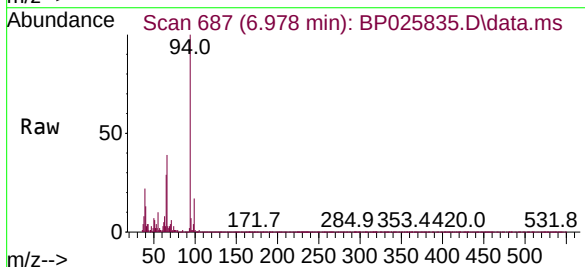
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

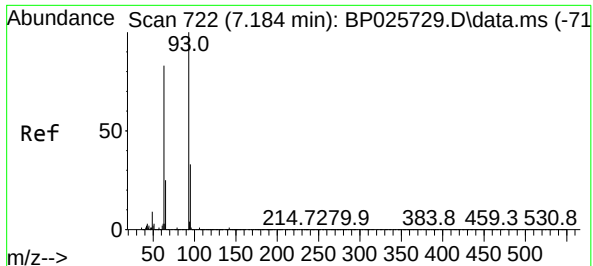
Tgt Ion: 77 Resp: 351617  
Ion Ratio Lower Upper  
77 100  
105 93.9 75.2 115.2  
106 89.5 71.3 111.3



#10  
Phenol  
Concen: 46.760 ng  
RT: 6.978 min Scan# 687  
Delta R.T. 0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion: 94 Resp: 753571  
Ion Ratio Lower Upper  
94 100  
65 28.8 10.2 50.2  
66 39.3 21.4 61.4

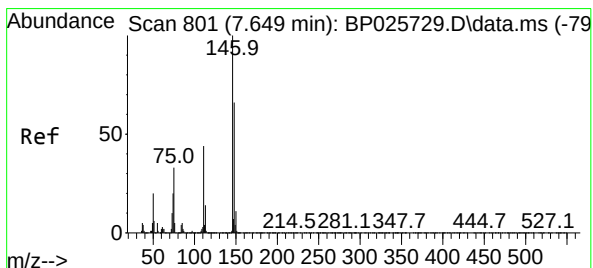
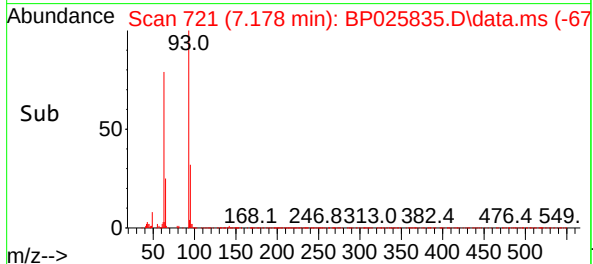
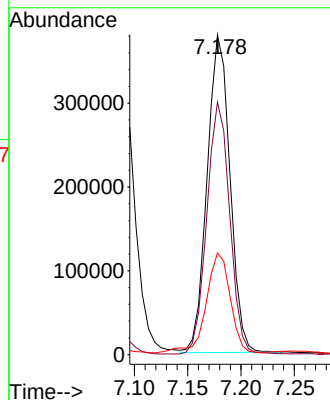
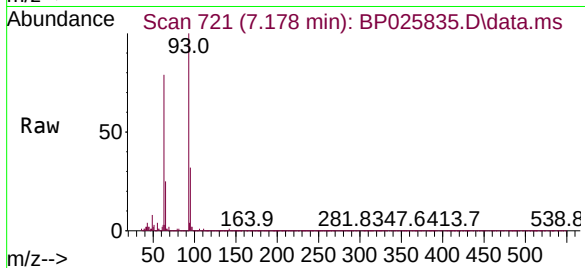




#11  
bis(2-Chloroethyl)ether  
Concen: 43.733 ng  
RT: 7.178 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

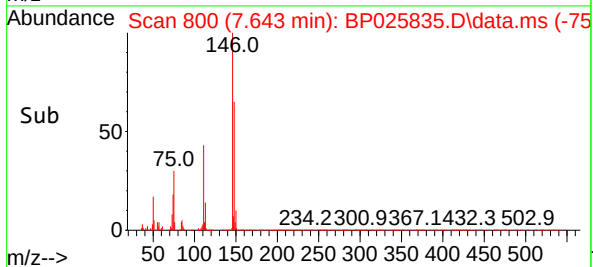
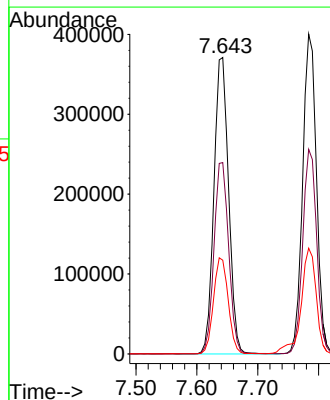
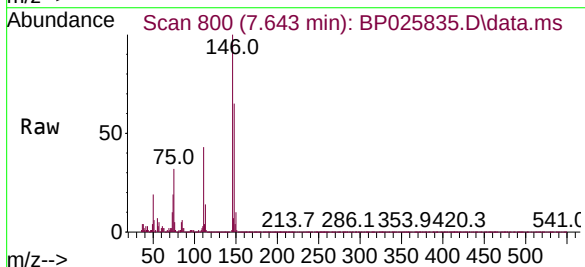
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

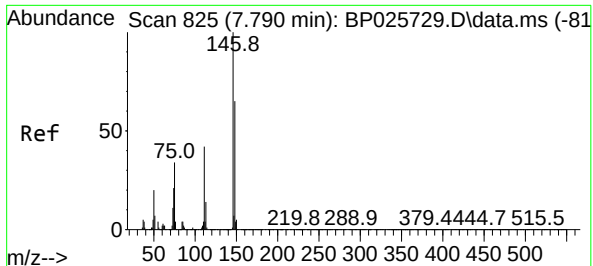
Tgt Ion: 93 Resp: 566234  
Ion Ratio Lower Upper  
93 100  
63 78.9 62.6 102.6  
95 31.8 13.2 53.2



#12  
1,3-Dichlorobenzene  
Concen: 43.271 ng  
RT: 7.643 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:146 Resp: 621228  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.7 79.1  
75 31.6 26.4 39.6

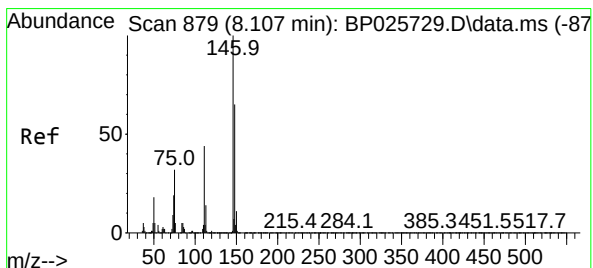
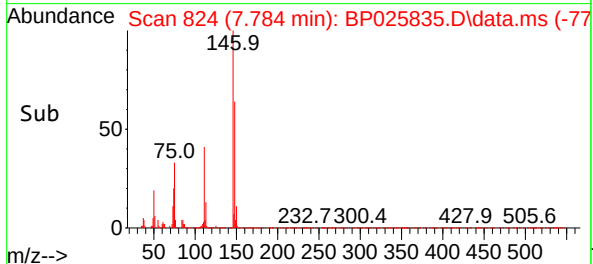
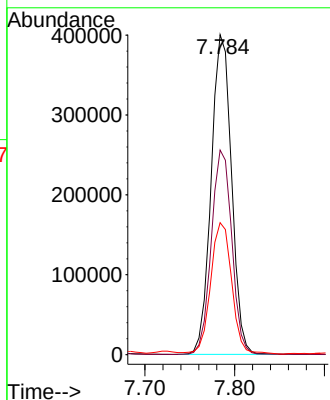
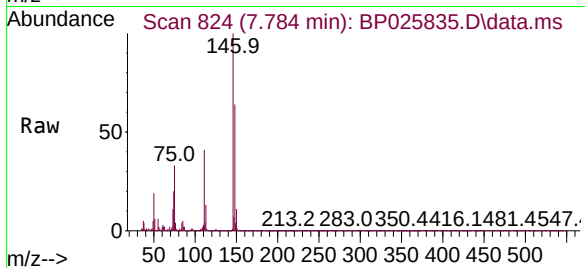




#13  
1,4-Dichlorobenzene  
Concen: 43.178 ng  
RT: 7.784 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

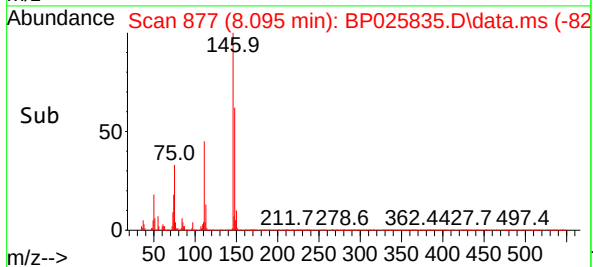
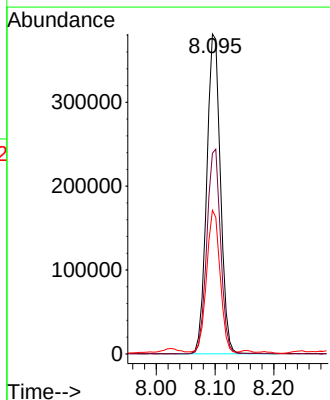
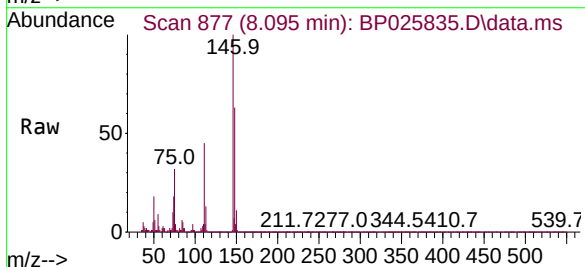
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

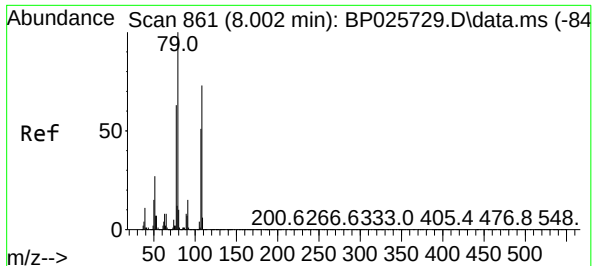
Tgt Ion:146 Resp: 631436  
Ion Ratio Lower Upper  
146 100  
148 63.9 52.0 78.0  
111 41.2 33.9 50.9



#14  
1,2-Dichlorobenzene  
Concen: 43.518 ng  
RT: 8.095 min Scan# 877  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:146 Resp: 618252  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.7 77.5  
111 44.9 35.5 53.3

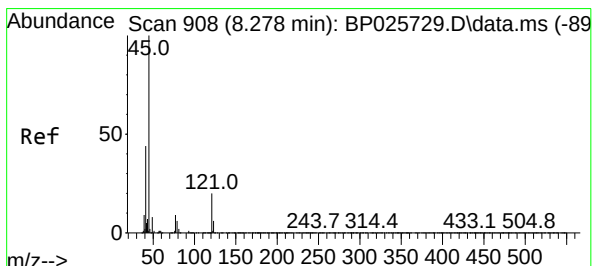
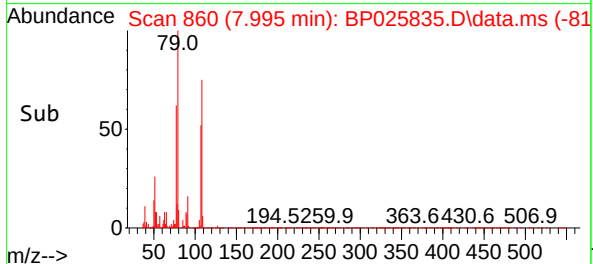
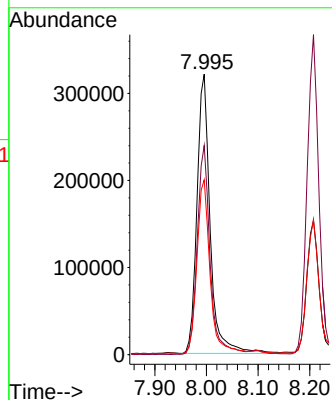
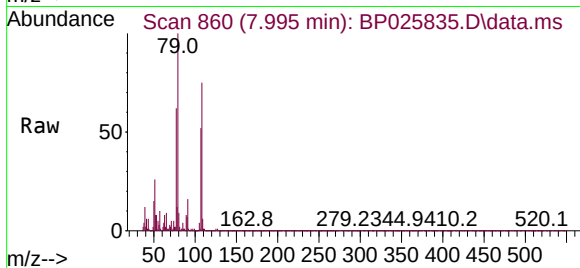




#15  
Benzyl Alcohol  
Concen: 45.041 ng  
RT: 7.995 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

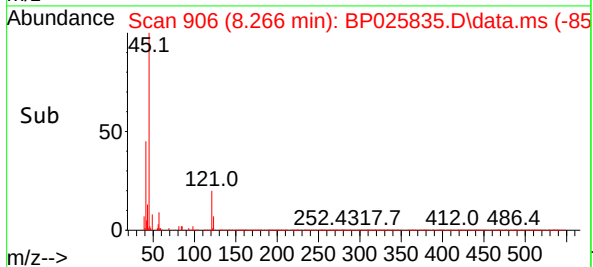
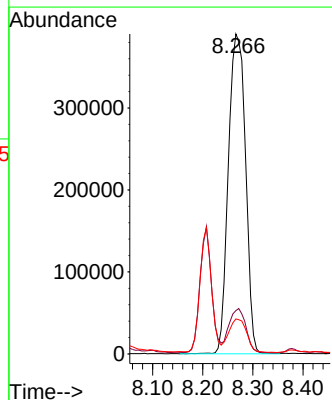
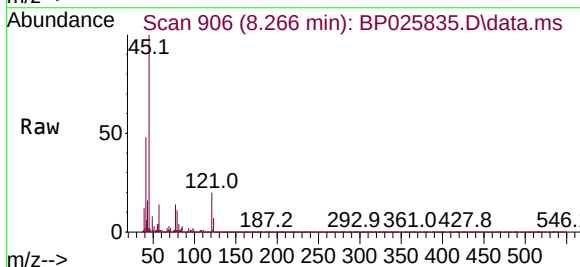
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

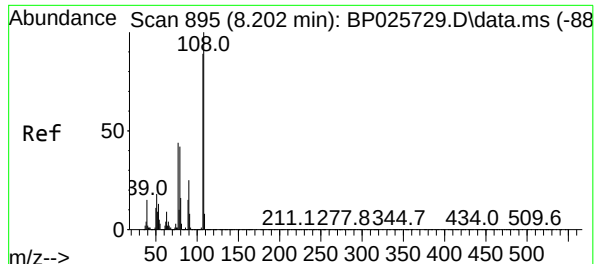
Tgt Ion: 79 Resp: 568826  
Ion Ratio Lower Upper  
79 100  
108 74.5 58.7 88.1  
77 62.4 50.2 75.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.870 ng  
RT: 8.266 min Scan# 906  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion: 45 Resp: 928898  
Ion Ratio Lower Upper  
45 100  
77 13.5 0.0 33.1  
79 10.9 0.0 30.0

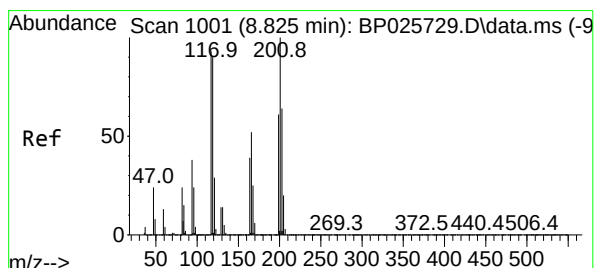
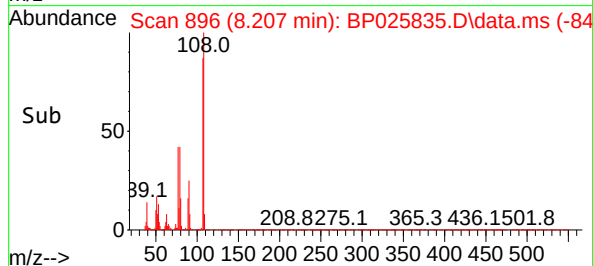
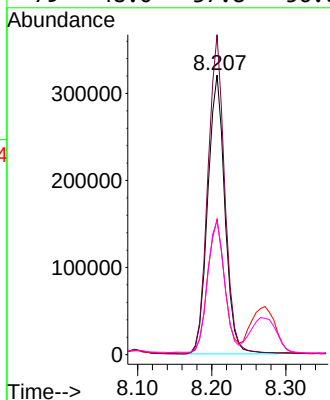
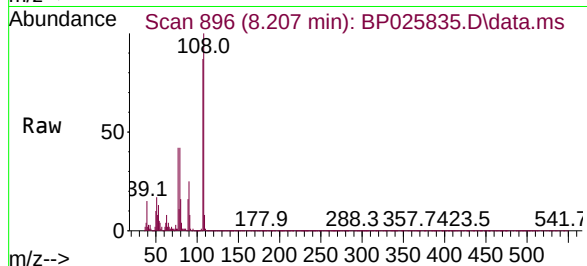




#17  
2-Methylphenol  
Concen: 47.458 ng  
RT: 8.207 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

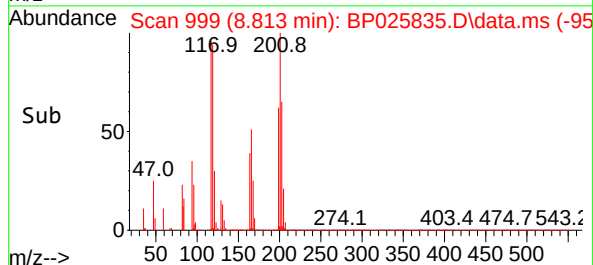
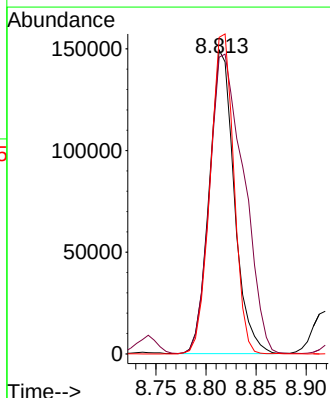
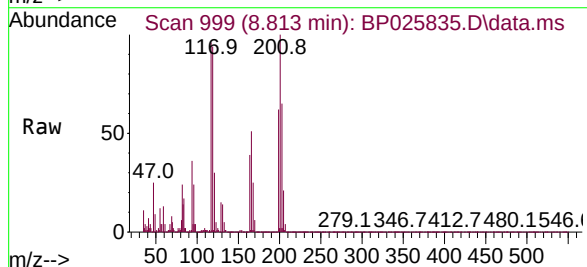
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

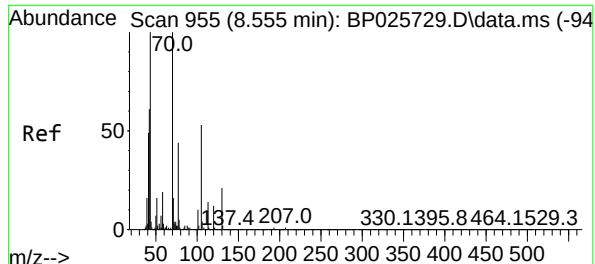
Tgt Ion:107 Resp: 515645  
Ion Ratio Lower Upper  
107 100  
108 114.5 89.6 134.4  
77 48.4 39.3 58.9  
79 48.0 37.8 56.6



#18  
Hexachloroethane  
Concen: 46.535 ng  
RT: 8.813 min Scan# 999  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:117 Resp: 259942  
Ion Ratio Lower Upper  
117 100  
119 97.6 77.1 115.7  
201 104.1 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.373 ng

RT: 8.548 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025835.D

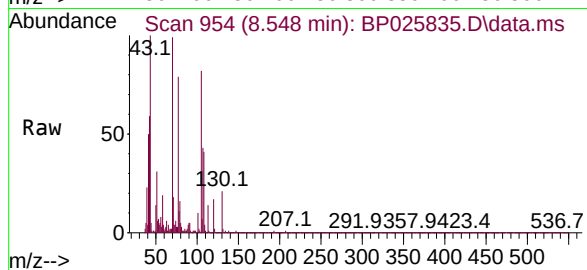
Acq: 23 Sep 2025 18:41

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MS



Tgt Ion: 70 Resp: 473018

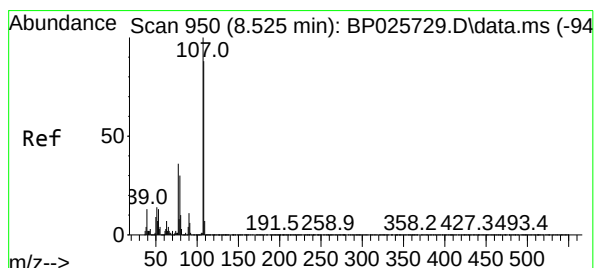
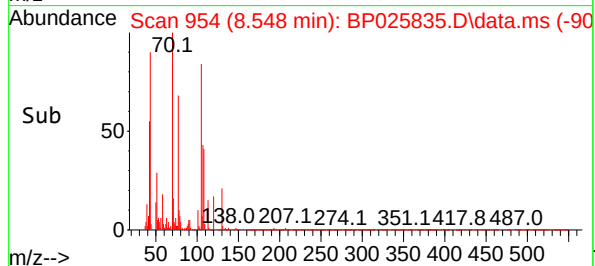
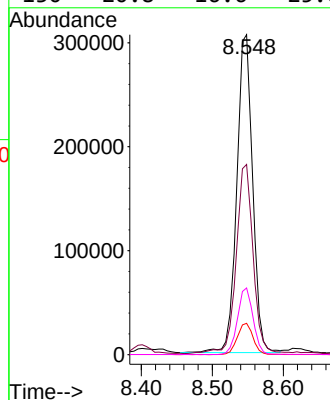
Ion Ratio Lower Upper

70 100

42 59.4 49.0 73.4

101 9.8 7.9 11.9

130 20.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 45.858 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Tgt Ion:107 Resp: 697791

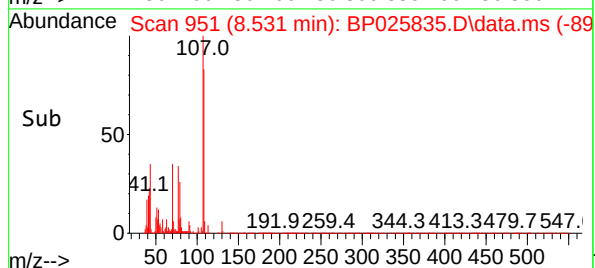
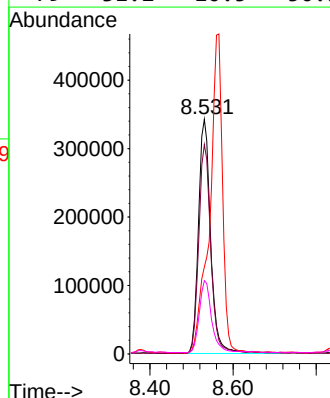
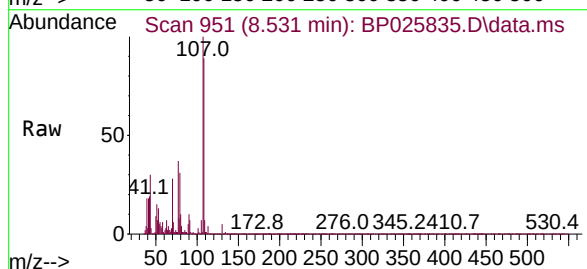
Ion Ratio Lower Upper

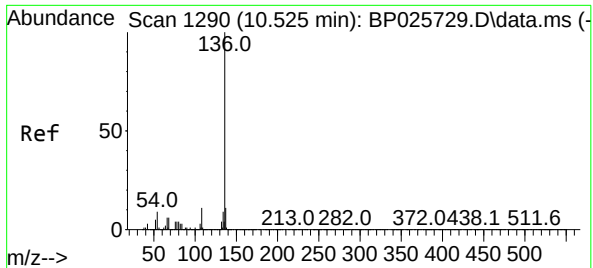
107 100

108 89.2 67.8 107.8

77 37.1 16.1 56.1

79 31.2 10.5 50.5

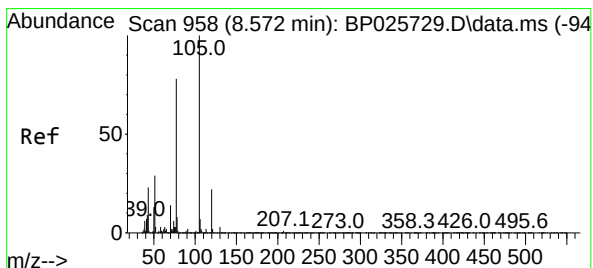
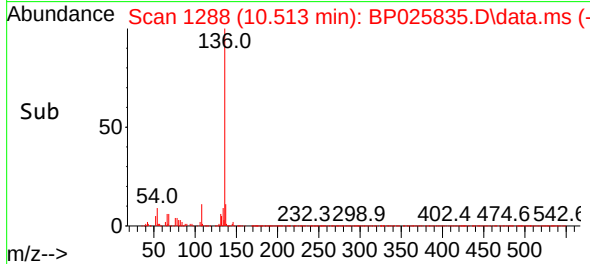
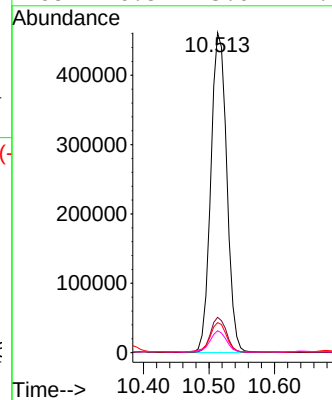
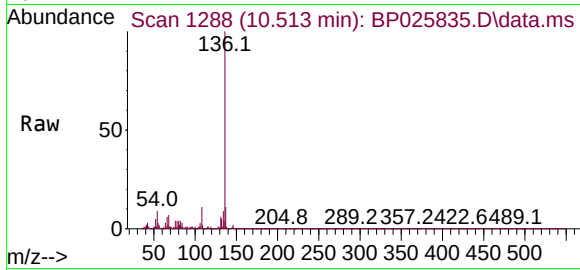




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.513 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

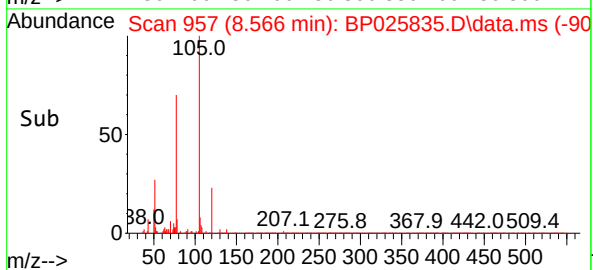
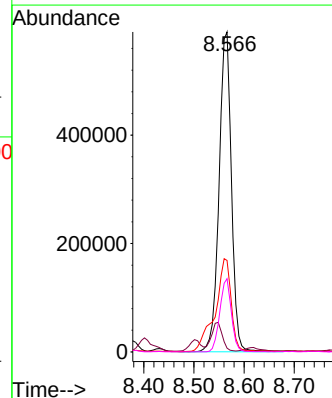
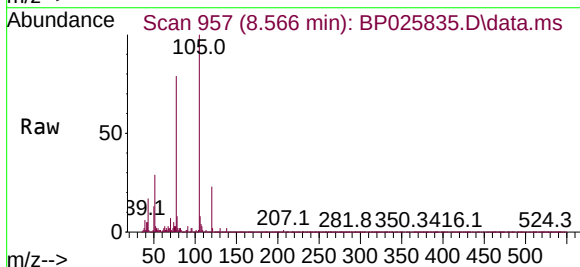
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

Tgt Ion:136 Resp: 778843  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 9.4 7.5 11.3  
68 6.8 5.0 7.6

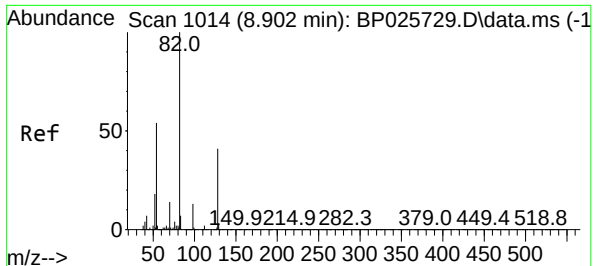


#22  
Acetophenone  
Concen: 48.575 ng  
RT: 8.566 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:105 Resp: 1011017  
Ion Ratio Lower Upper  
105 100  
71 1.2 1.8 2.8#  
51 28.6 23.5 35.3  
120 22.9 17.7 26.5







#23

Nitrobenzene-d5

Concen: 57.123 ng

RT: 8.895 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MS

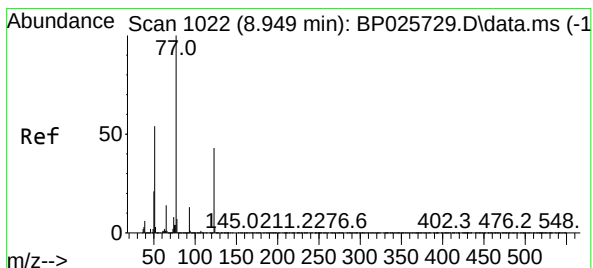
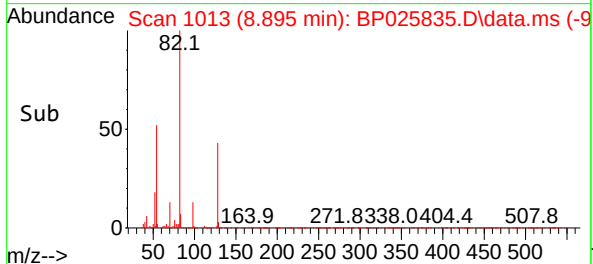
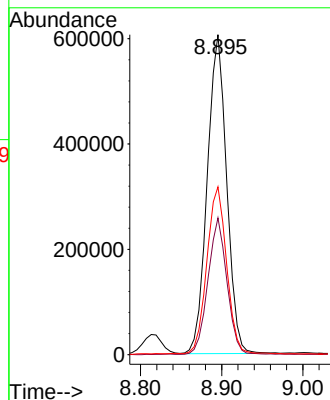
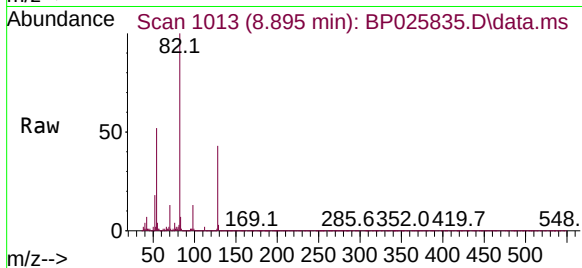
Tgt Ion: 82 Resp: 1008582

Ion Ratio Lower Upper

82 100

128 42.7 32.9 49.3

54 52.4 43.4 65.2



#24

Nitrobenzene

Concen: 43.549 ng

RT: 8.937 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

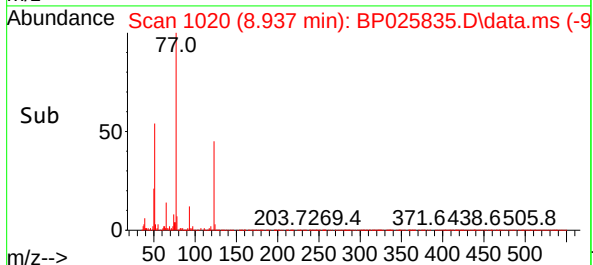
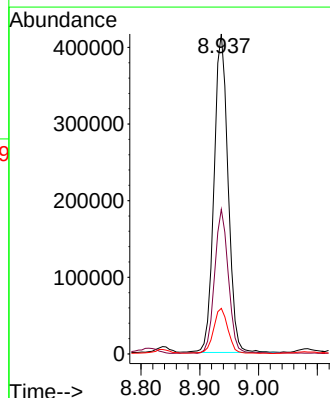
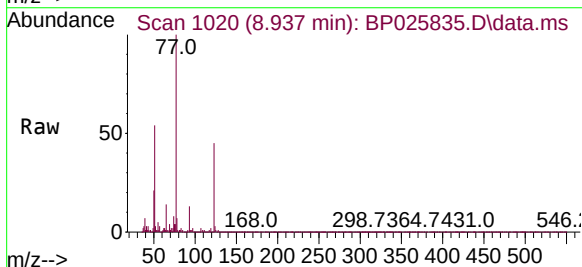
Tgt Ion: 77 Resp: 689791

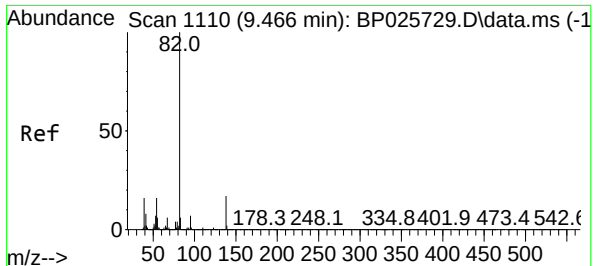
Ion Ratio Lower Upper

77 100

123 45.2 34.4 51.6

65 14.2 10.8 16.2

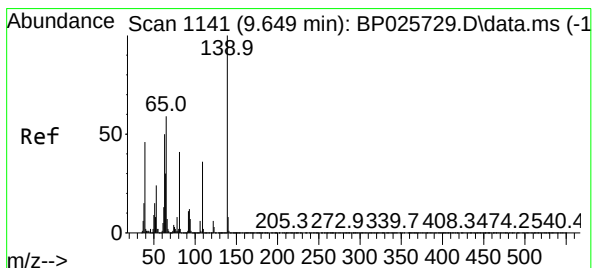
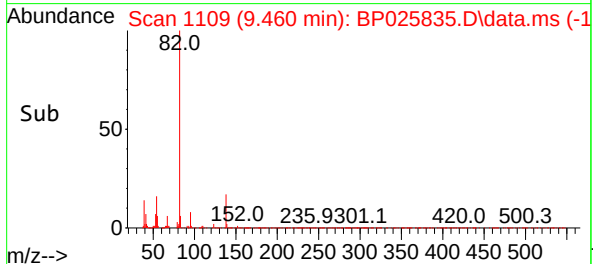
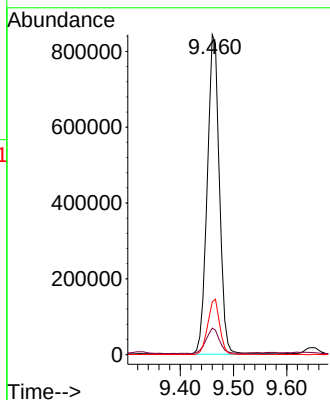
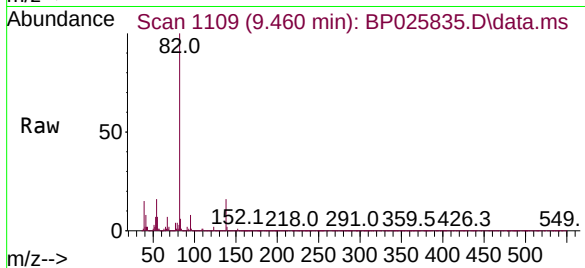




#25  
Isophorone  
Concen: 43.086 ng  
RT: 9.460 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

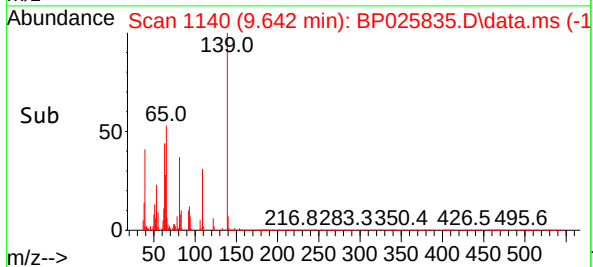
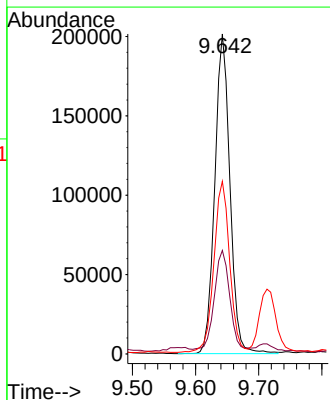
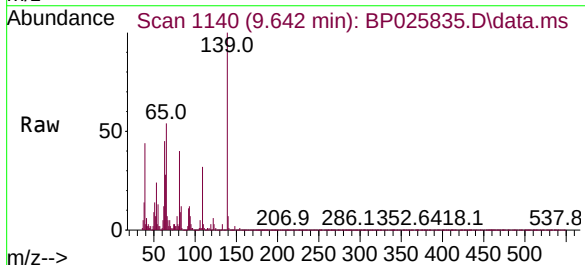
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

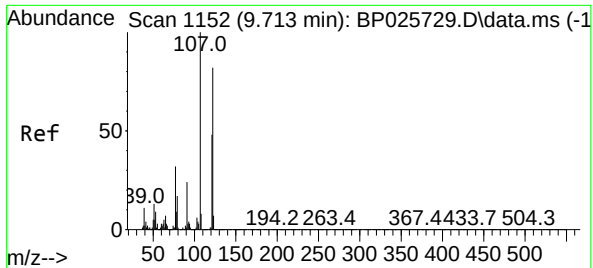
Tgt Ion: 82 Resp: 1337131  
Ion Ratio Lower Upper  
82 100  
95 8.3 5.8 8.8  
138 16.5 13.5 20.3



#26  
2-Nitrophenol  
Concen: 47.797 ng  
RT: 9.642 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion: 139 Resp: 336132  
Ion Ratio Lower Upper  
139 100  
109 32.3 29.0 43.4  
65 54.0 46.9 70.3

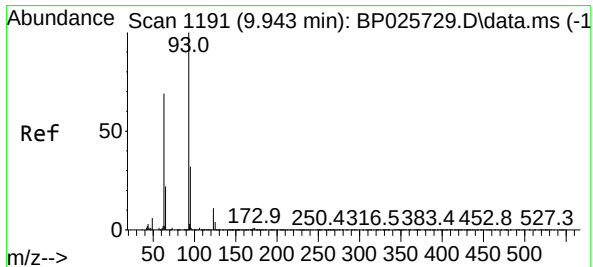
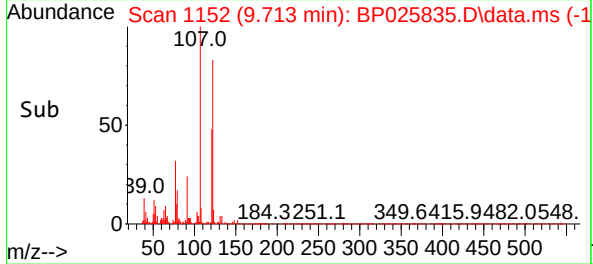
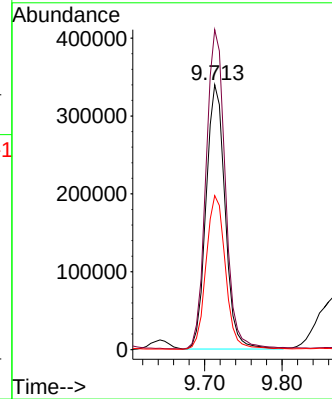
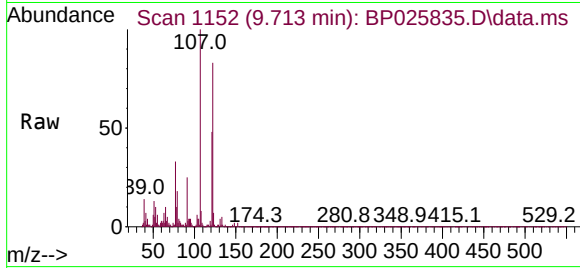




#27  
2,4-Dimethylphenol  
Concen: 46.980 ng  
RT: 9.713 min Scan# 1152  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

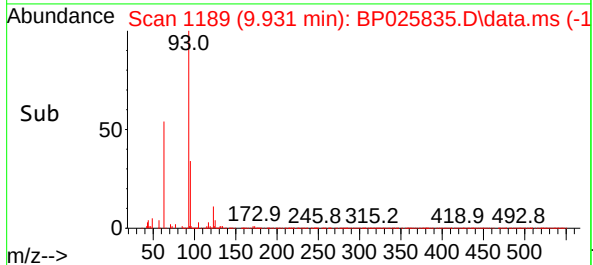
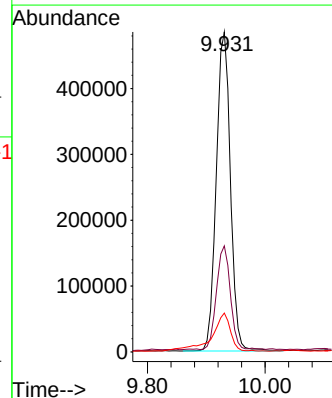
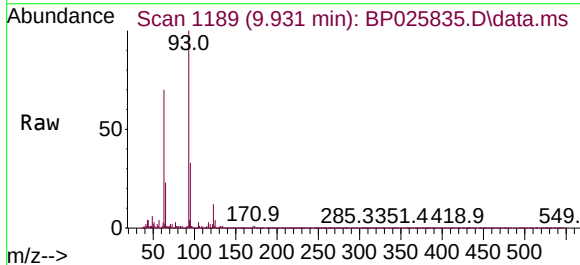
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

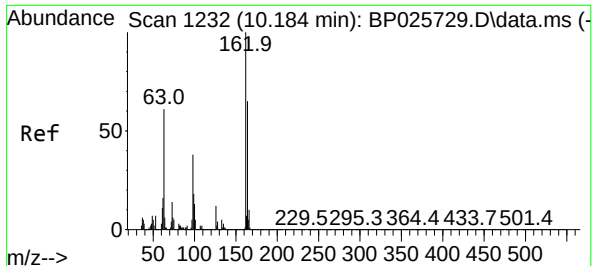
Tgt Ion:122 Resp: 579607  
Ion Ratio Lower Upper  
122 100  
107 120.8 97.9 146.9  
121 58.1 47.4 71.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.118 ng  
RT: 9.931 min Scan# 1189  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion: 93 Resp: 809394  
Ion Ratio Lower Upper  
93 100  
95 33.1 25.6 38.4  
123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.754 ng

RT: 10.189 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MS

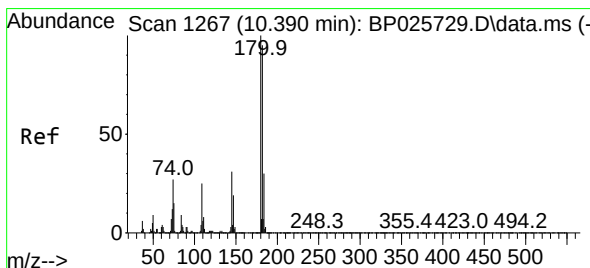
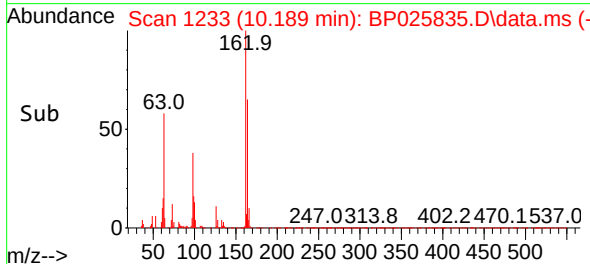
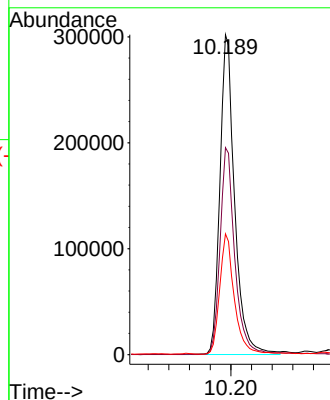
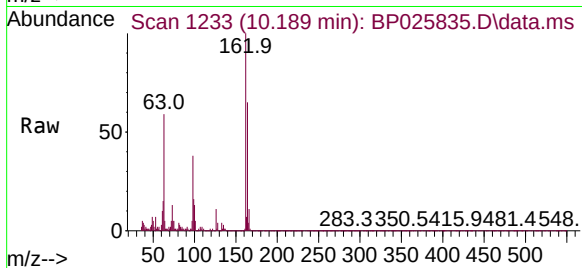
Tgt Ion:162 Resp: 599729

Ion Ratio Lower Upper

162 100

164 64.7 44.7 84.7

98 37.7 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.726 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

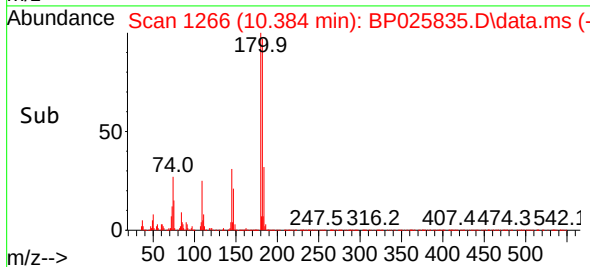
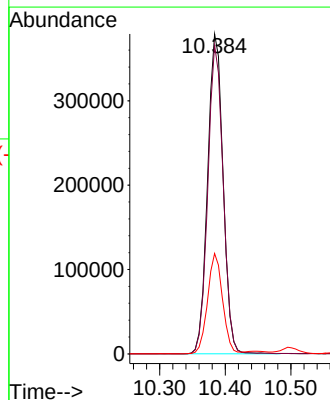
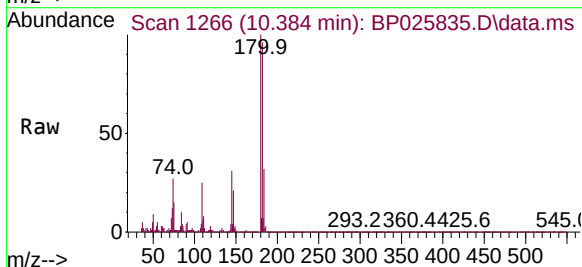
Tgt Ion:180 Resp: 620051

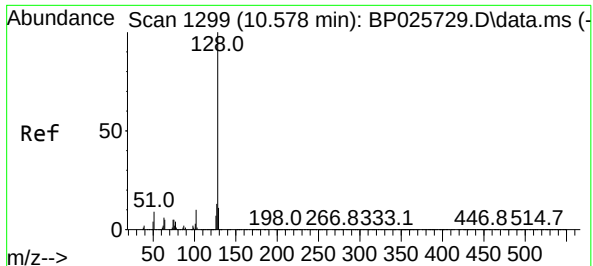
Ion Ratio Lower Upper

180 100

182 96.5 76.0 114.0

145 31.4 24.7 37.1

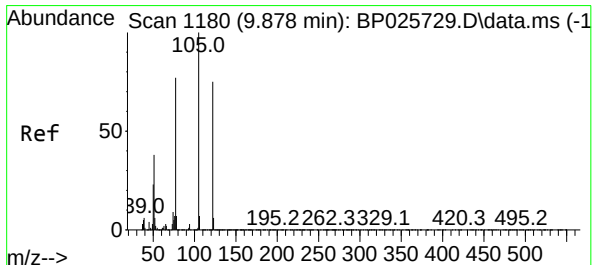
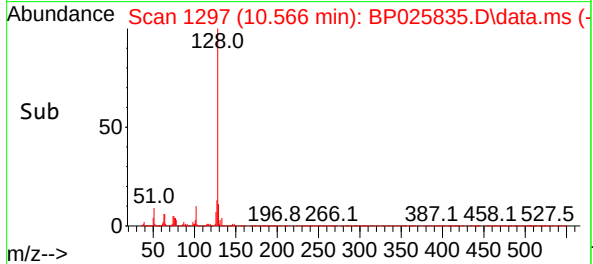
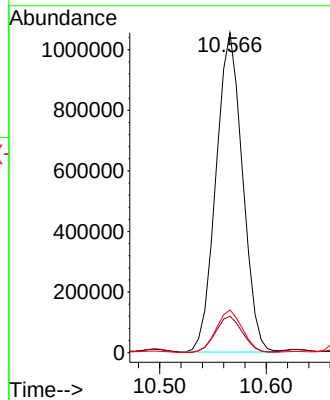
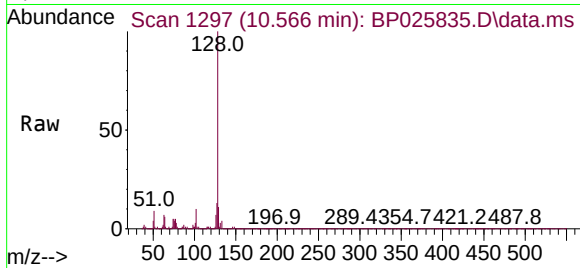




#31  
Naphthalene  
Concen: 43.551 ng  
RT: 10.566 min Scan# 1185  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

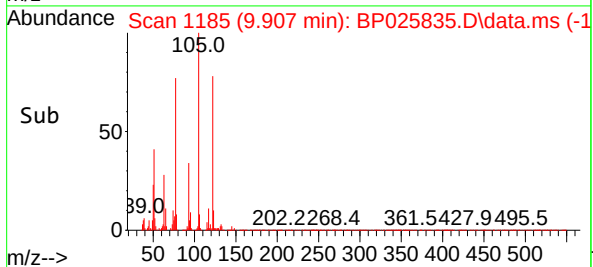
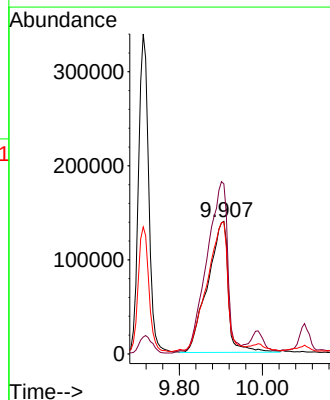
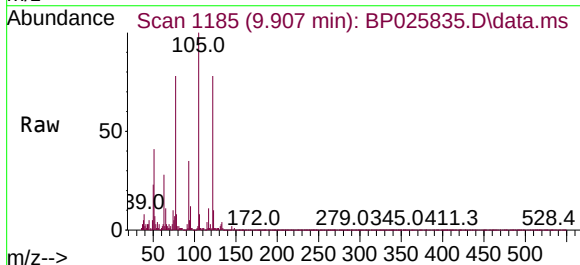
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

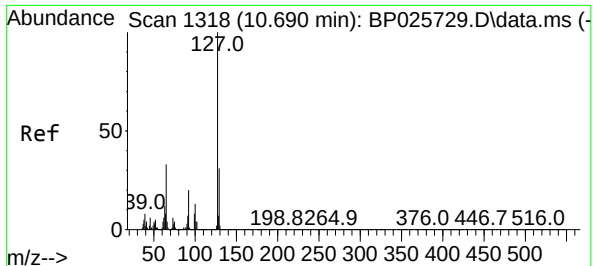
Tgt Ion:128 Resp: 1828945  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.6 12.8  
127 13.3 10.2 15.4



#32  
Benzoic acid  
Concen: 52.596 ng  
RT: 9.907 min Scan# 1185  
Delta R.T. 0.029 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:122 Resp: 482441  
Ion Ratio Lower Upper  
122 100  
105 128.3 111.5 151.5  
77 99.6 81.8 121.8

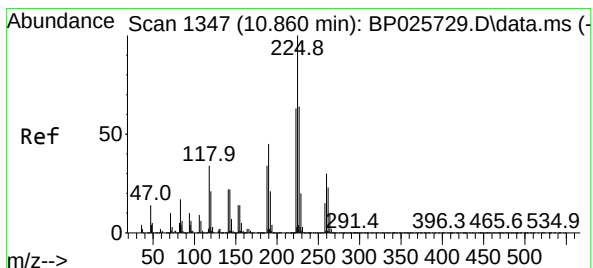
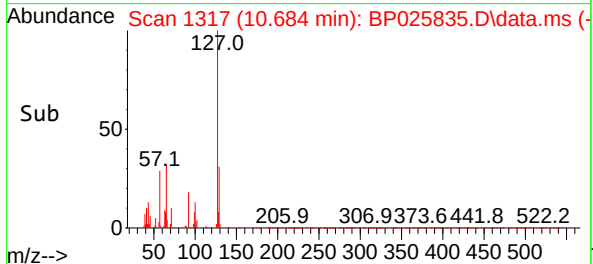
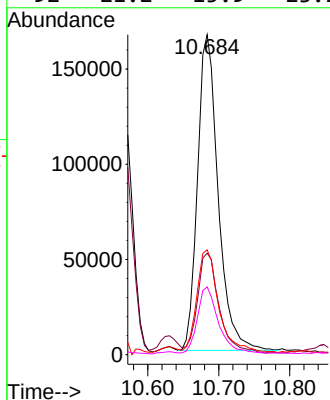
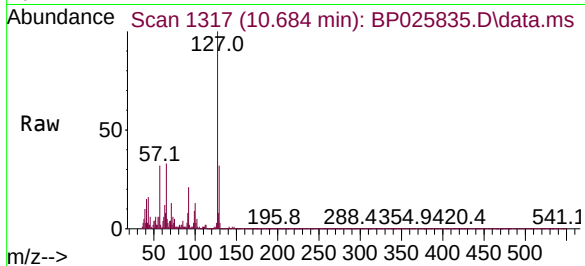




#33  
4-Chloroaniline  
Concen: 19.103 ng  
RT: 10.684 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

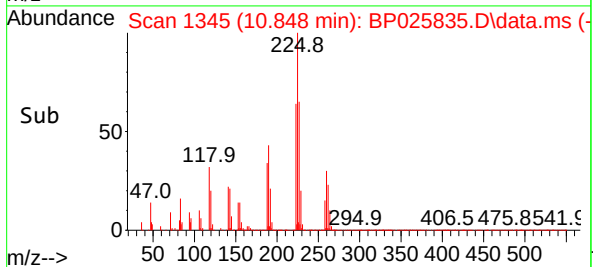
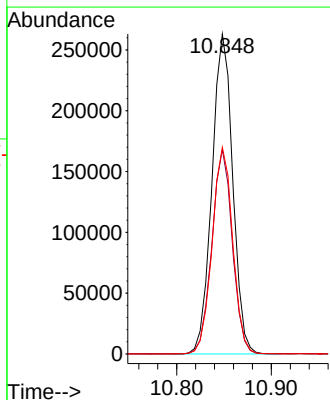
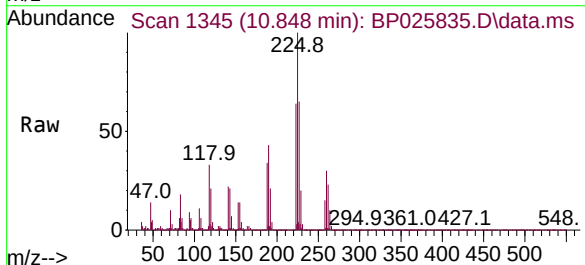
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

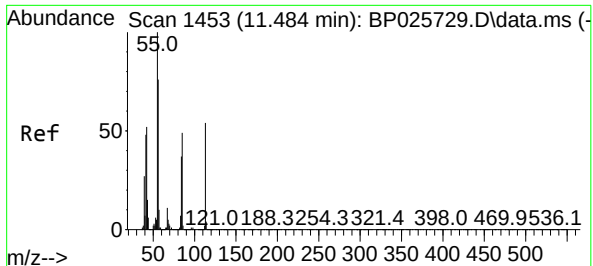
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 334376 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 25.1  | 37.7   |
| 65       | 32.7  | 26.4  | 39.6   |
| 92       | 21.2  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 44.851 ng  
RT: 10.848 min Scan# 1345  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 400265 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 50.1  | 75.1   |
| 227      | 64.6  | 51.2  | 76.8   |

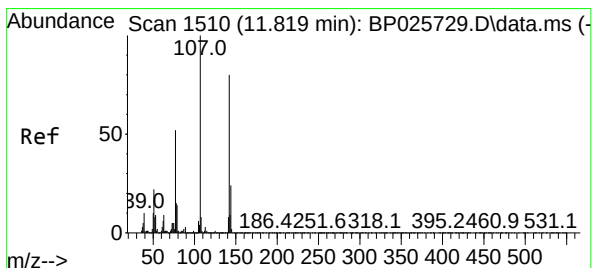
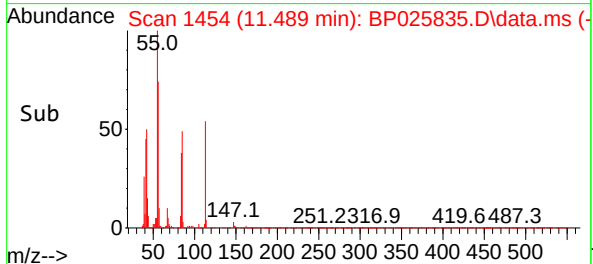
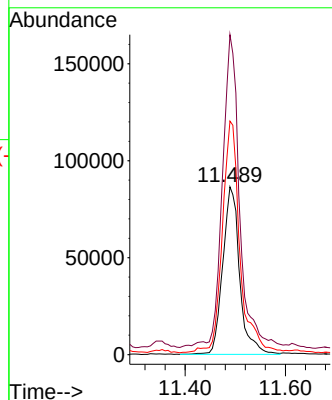
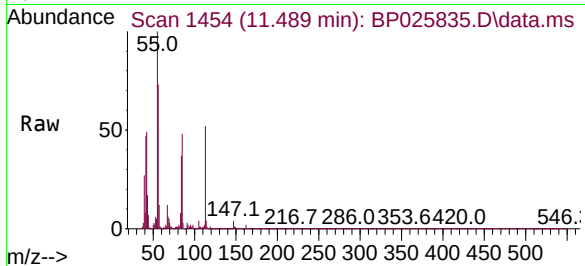




#35  
Caprolactam  
Concen: 42.582 ng  
RT: 11.489 min Scan# 1453  
Delta R.T. 0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

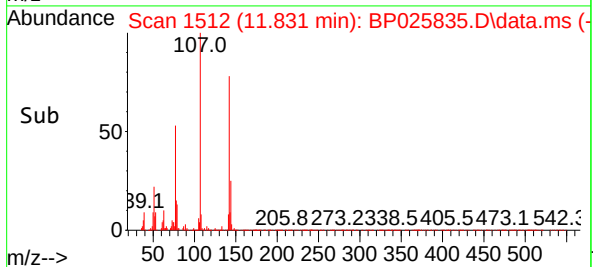
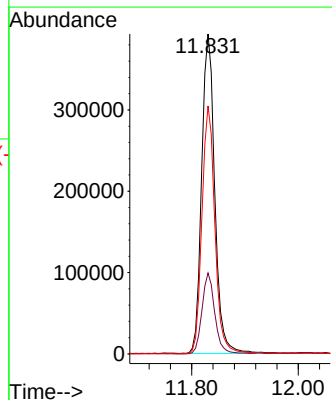
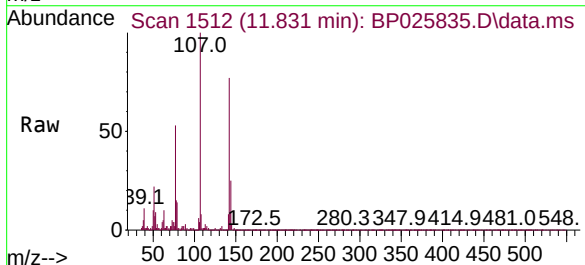
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

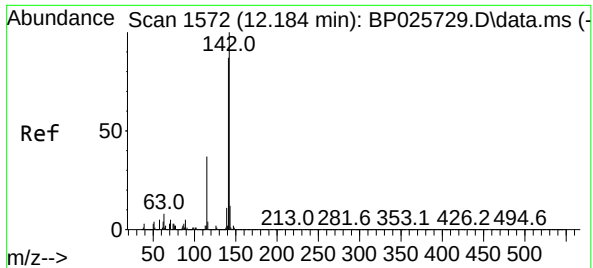
Tgt Ion:113 Resp: 201916  
Ion Ratio Lower Upper  
113 100  
55 190.7 165.5 205.5  
56 139.2 121.1 161.1



#36  
4-Chloro-3-methylphenol  
Concen: 45.753 ng  
RT: 11.831 min Scan# 1512  
Delta R.T. 0.011 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:107 Resp: 670998  
Ion Ratio Lower Upper  
107 100  
144 25.3 19.4 29.2  
142 77.5 63.8 95.6

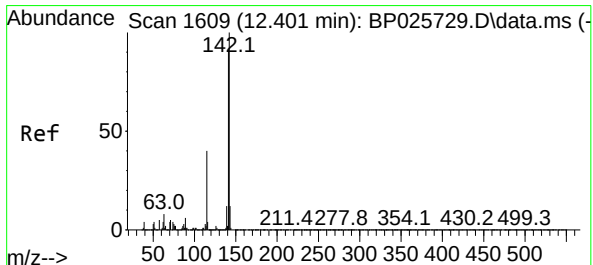
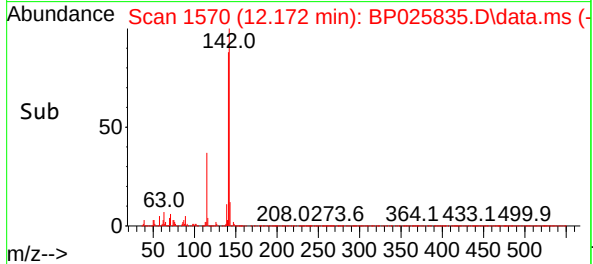
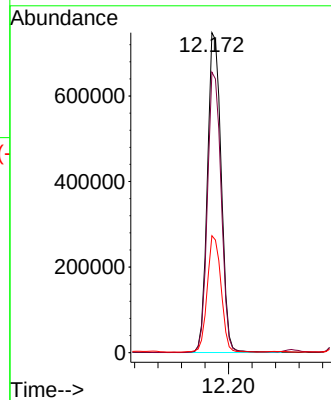
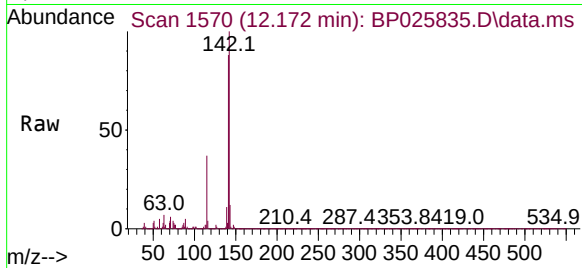




#37  
2-Methylnaphthalene  
Concen: 44.977 ng  
RT: 12.172 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

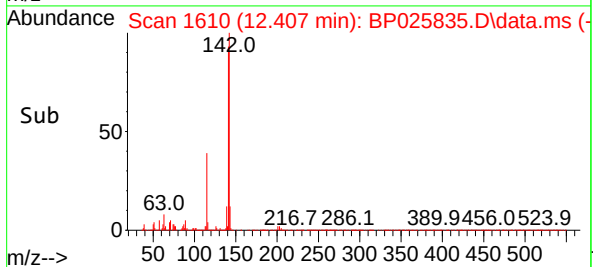
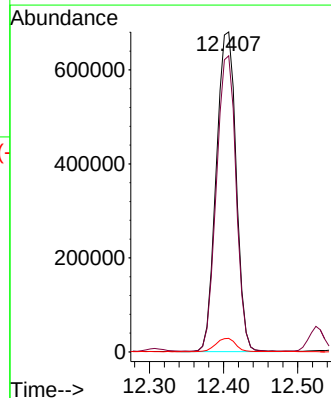
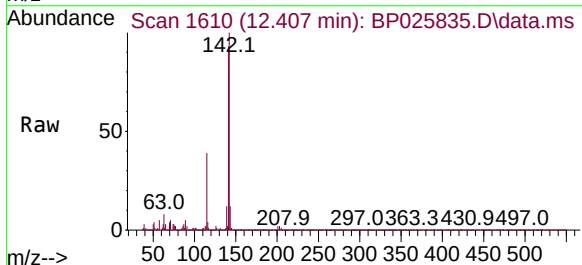
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

Tgt Ion:142 Resp: 1213176  
Ion Ratio Lower Upper  
142 100  
141 87.6 69.6 104.4  
115 36.5 30.0 45.0

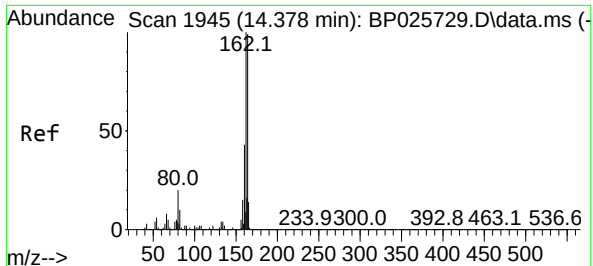


#38  
1-Methylnaphthalene  
Concen: 43.977 ng  
RT: 12.407 min Scan# 1610  
Delta R.T. 0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:142 Resp: 1264939  
Ion Ratio Lower Upper  
142 100  
141 92.5 72.7 109.1  
116 4.2 3.5 5.3



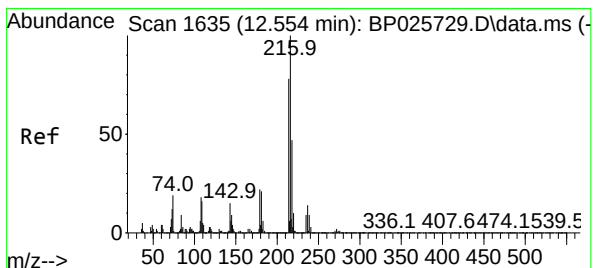
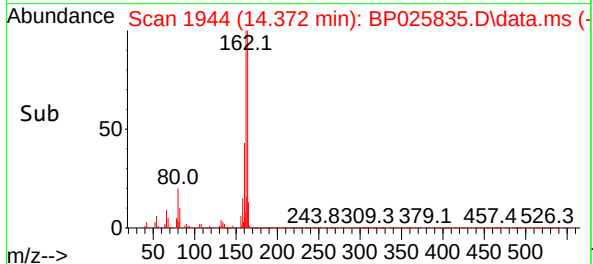
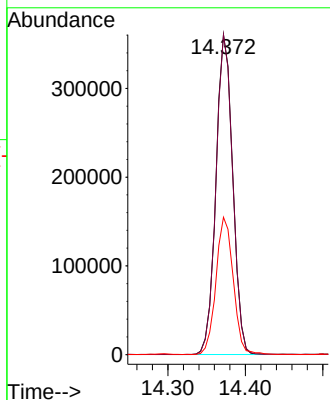
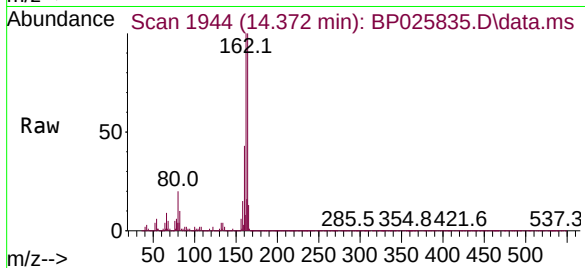




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.372 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

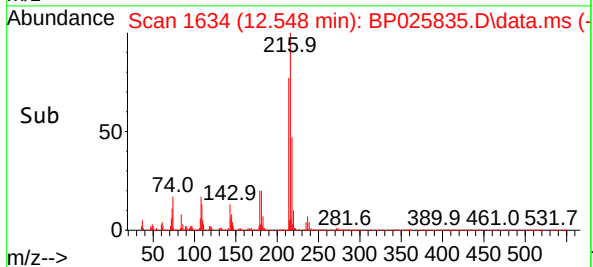
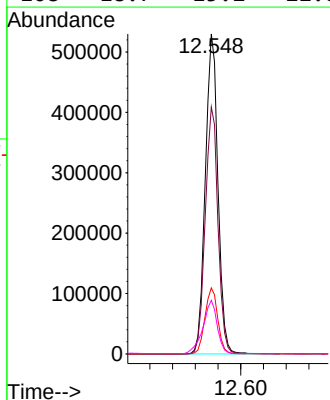
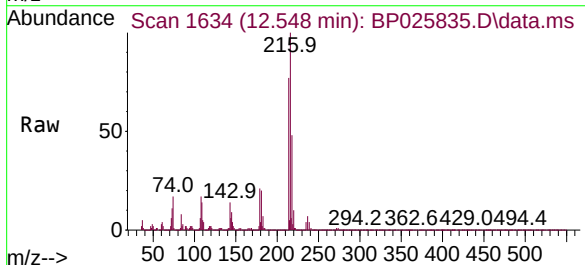
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

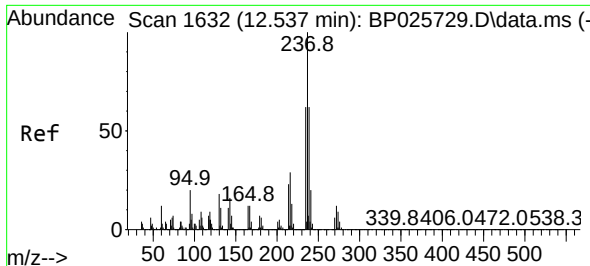
Tgt Ion:164 Resp: 542949  
Ion Ratio Lower Upper  
164 100  
162 100.0 80.6 120.8  
160 42.9 35.0 52.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.888 ng  
RT: 12.548 min Scan# 1634  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:216 Resp: 820790  
Ion Ratio Lower Upper  
216 100  
214 77.7 62.4 93.6  
179 20.7 17.0 25.6  
108 18.7 15.2 22.8

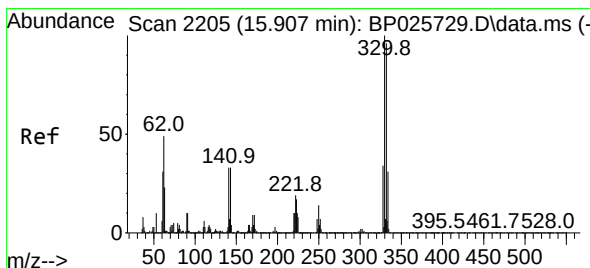
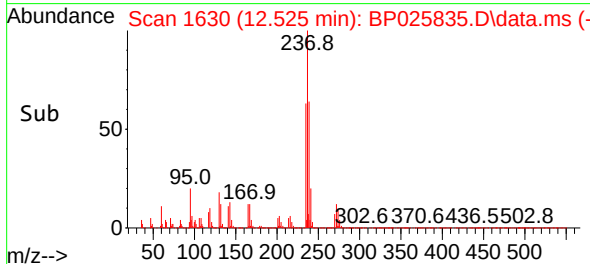
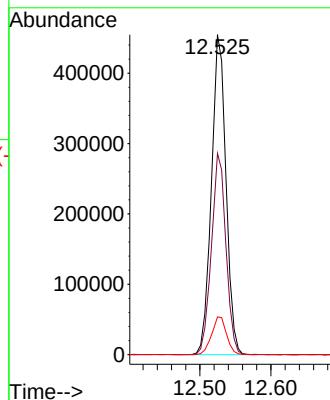
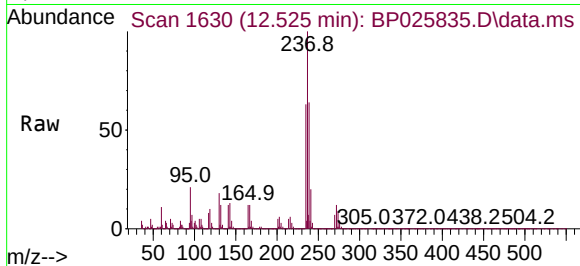




#41  
Hexachlorocyclopentadiene  
Concen: 72.132 ng  
RT: 12.525 min Scan# 1630  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

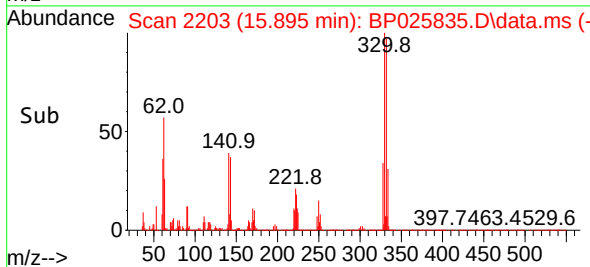
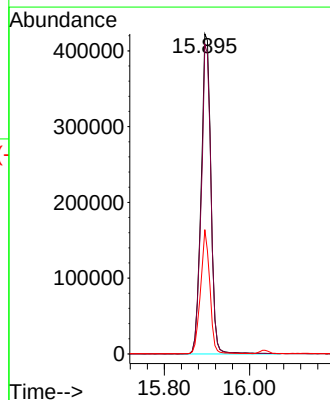
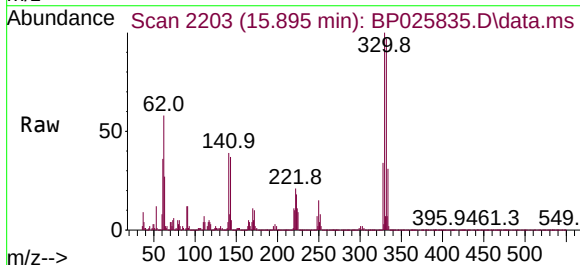
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

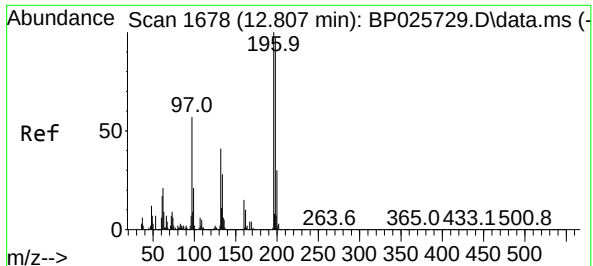
Tgt Ion:237 Resp: 646359  
Ion Ratio Lower Upper  
237 100  
235 62.9 41.9 81.9  
272 11.8 0.0 31.8



#42  
2,4,6-Tribromophenol  
Concen: 98.900 ng  
RT: 15.895 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:330 Resp: 669768  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.9 115.3  
141 36.7 31.0 46.4

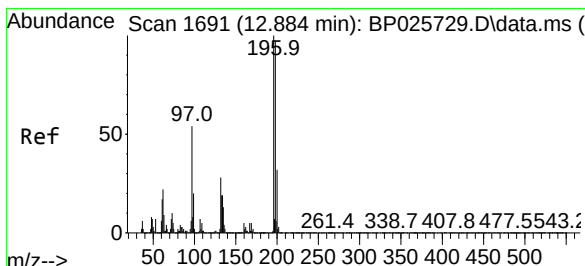
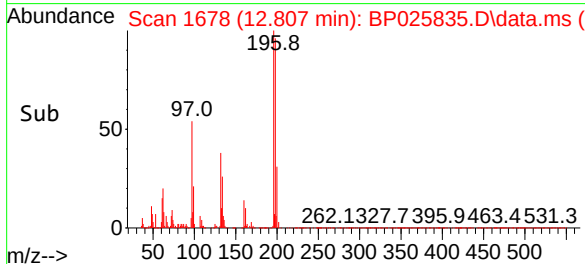
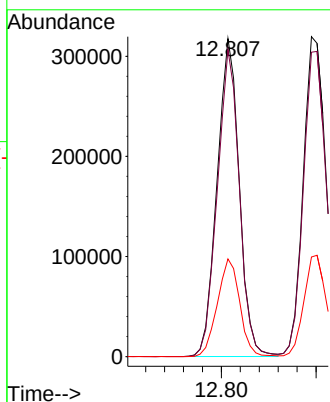
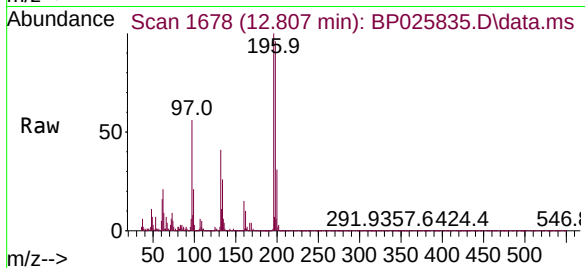




#43  
2,4,6-Trichlorophenol  
Concen: 47.770 ng  
RT: 12.807 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

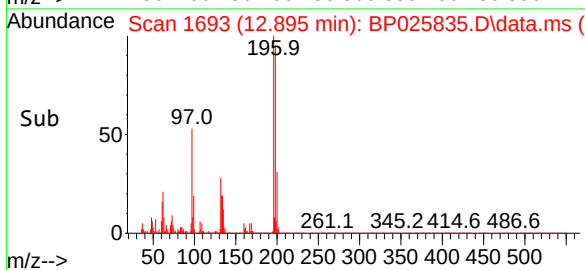
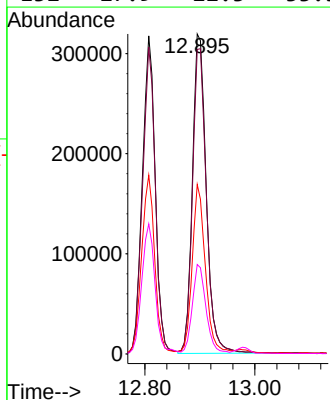
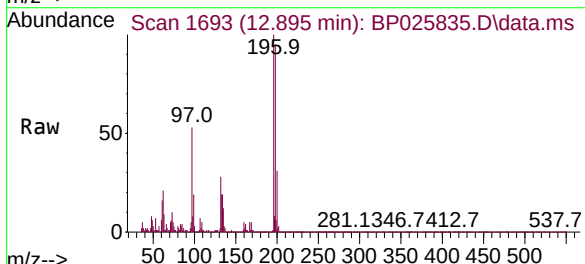
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

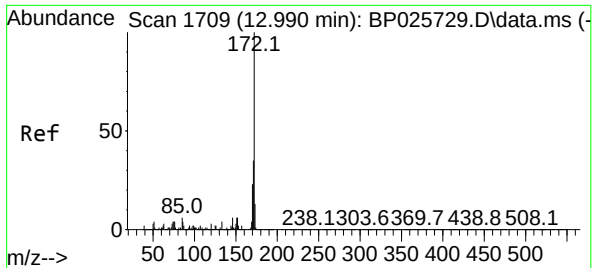
| Tgt Ion   | 196   | Resp  | 516683 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.5  | 77.2  | 115.8  |
| 200       | 30.7  | 24.2  | 36.2   |



#44  
2,4,5-Trichlorophenol  
Concen: 46.435 ng  
RT: 12.895 min Scan# 1693  
Delta R.T. 0.011 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

| Tgt Ion   | 196   | Resp  | 558959 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.1  | 77.8  | 116.8  |
| 97        | 52.9  | 43.3  | 64.9   |
| 132       | 27.9  | 22.3  | 33.5   |

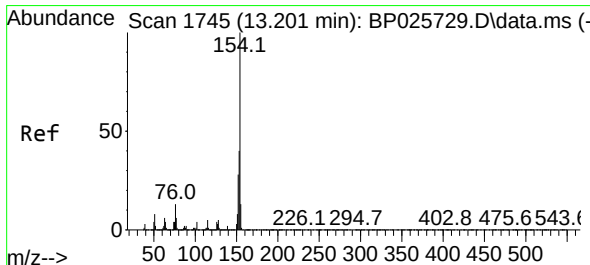
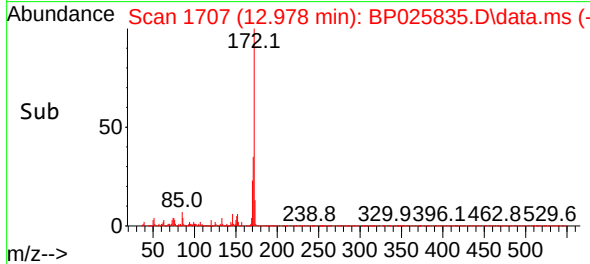
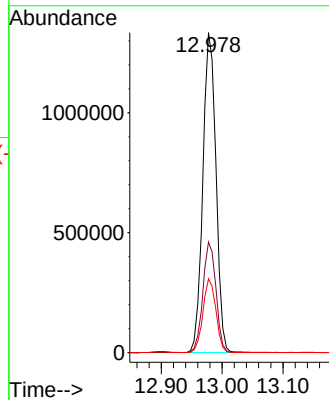
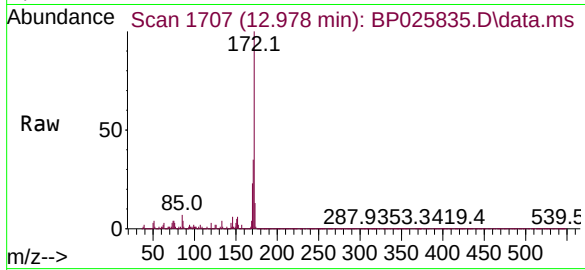




#45  
2-Fluorobiphenyl  
Concen: 48.925 ng  
RT: 12.978 min Scan# 1707  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

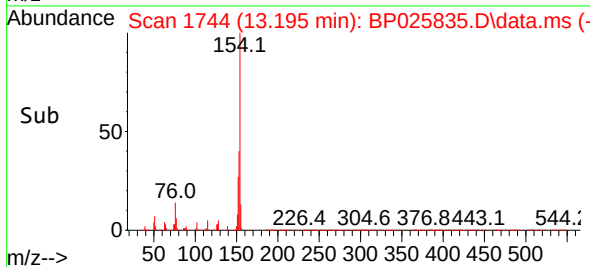
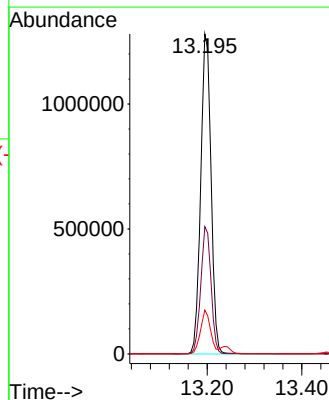
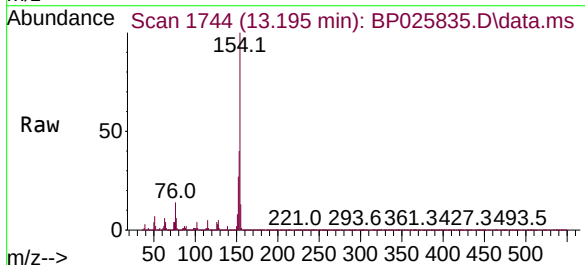
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

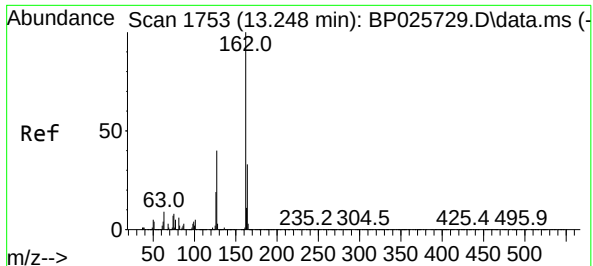
Tgt Ion:172 Resp: 1995004  
Ion Ratio Lower Upper  
172 100  
171 34.6 27.8 41.6  
170 23.1 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 48.636 ng  
RT: 13.195 min Scan# 1744  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:154 Resp: 1938288  
Ion Ratio Lower Upper  
154 100  
153 39.7 19.7 59.7  
76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.088 ng

RT: 13.242 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MS

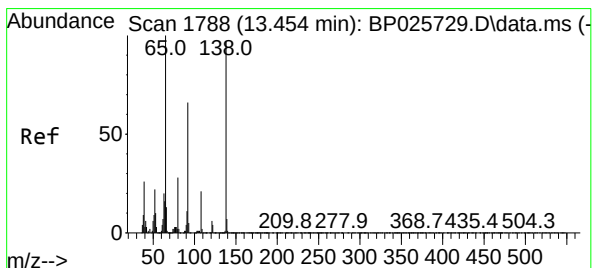
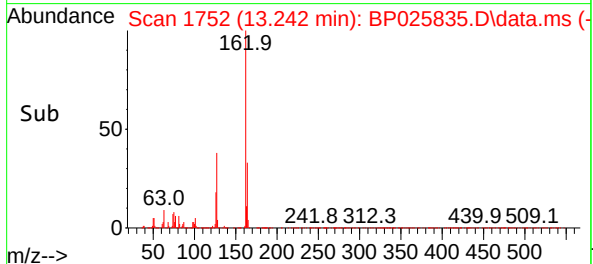
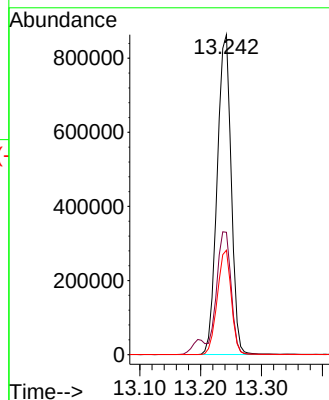
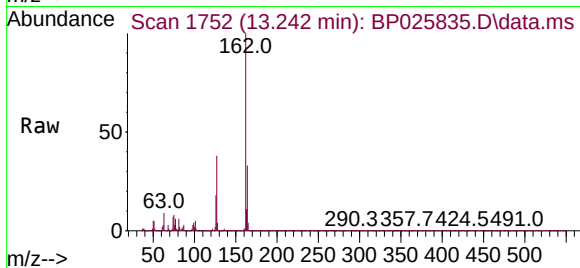
Tgt Ion:162 Resp: 1383490

Ion Ratio Lower Upper

162 100

127 38.2 32.2 48.4

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 44.254 ng

RT: 13.448 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

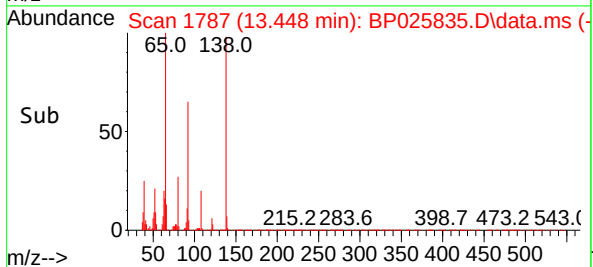
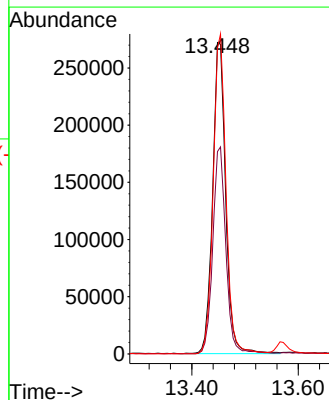
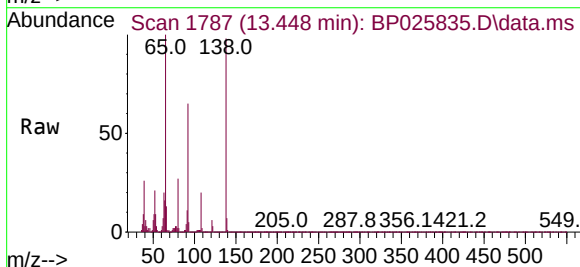
Tgt Ion: 65 Resp: 462913

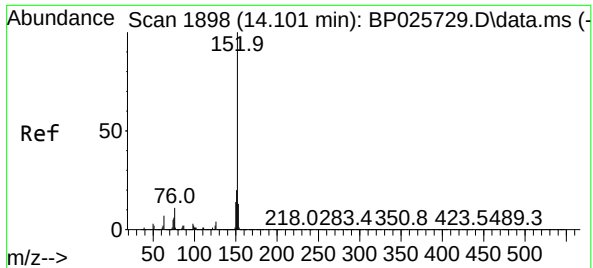
Ion Ratio Lower Upper

65 100

92 65.0 53.1 79.7

138 98.2 77.8 116.8





#49

Acenaphthylene

Concen: 44.638 ng

RT: 14.095 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MS

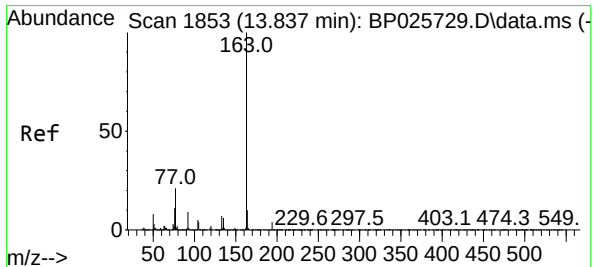
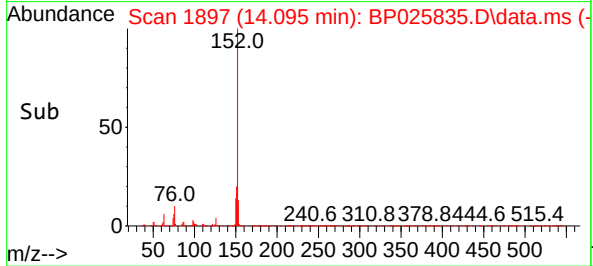
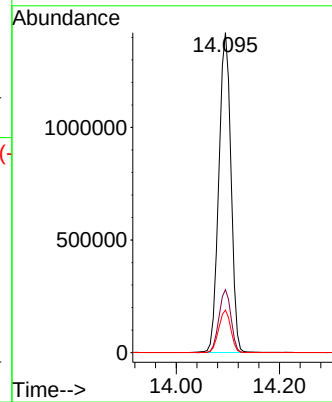
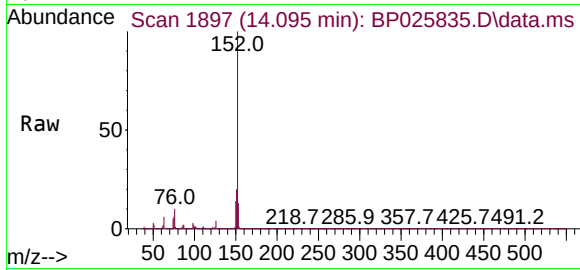
Tgt Ion:152 Resp: 2320876

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 43.832 ng

RT: 13.830 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

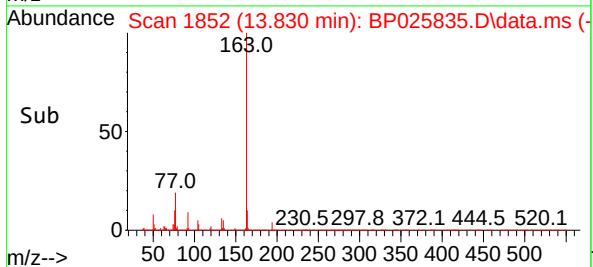
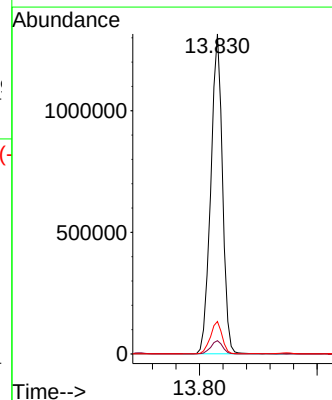
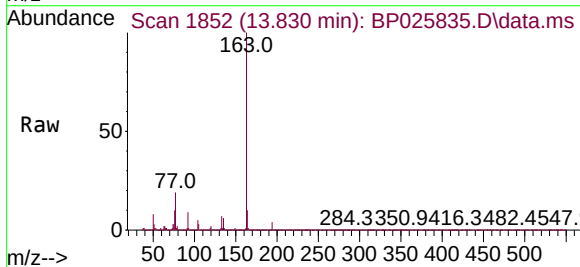
Tgt Ion:163 Resp: 1816929

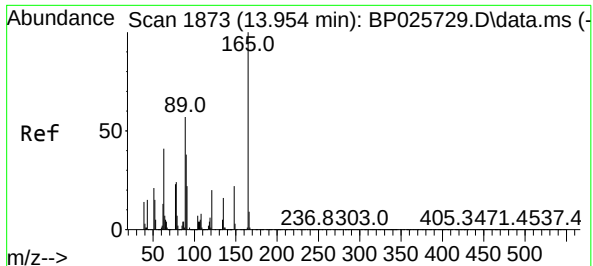
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.1 8.2 12.2

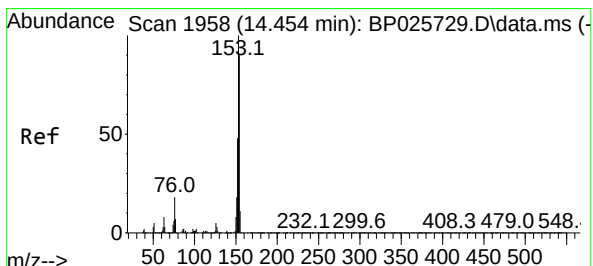
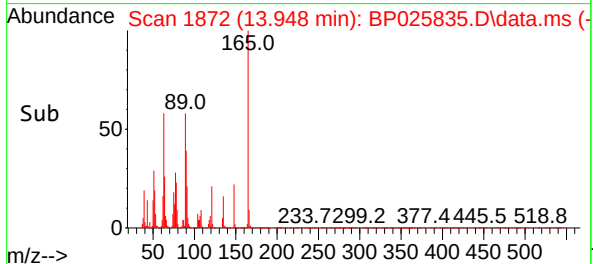
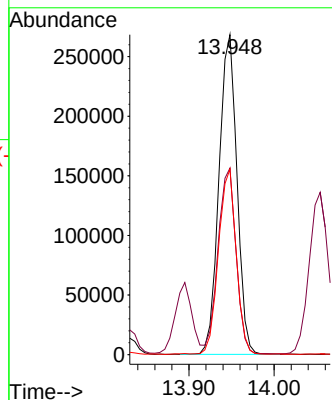
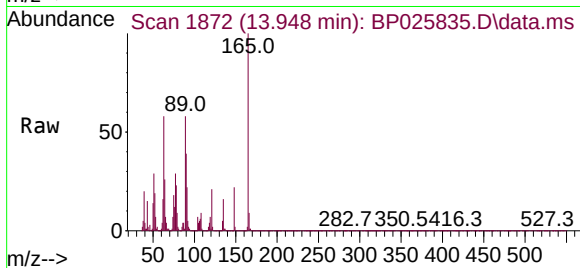




#51  
2,6-Dinitrotoluene  
Concen: 44.723 ng  
RT: 13.948 min Scan# 1873  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

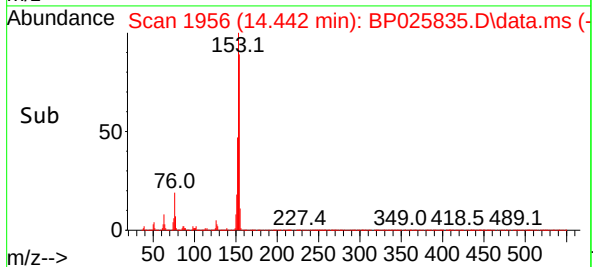
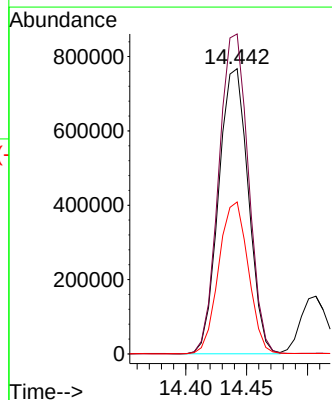
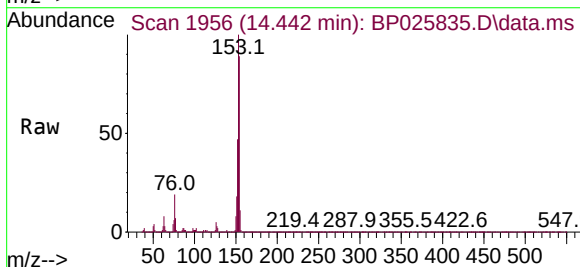
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

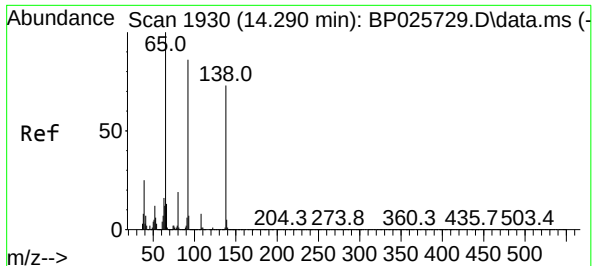
Tgt Ion:165 Resp: 392775  
Ion Ratio Lower Upper  
165 100  
63 58.3 48.1 72.1  
89 58.0 45.4 68.0



#52  
Acenaphthene  
Concen: 43.430 ng  
RT: 14.442 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:154 Resp: 1302208  
Ion Ratio Lower Upper  
154 100  
153 112.2 89.4 134.0  
152 53.3 42.5 63.7

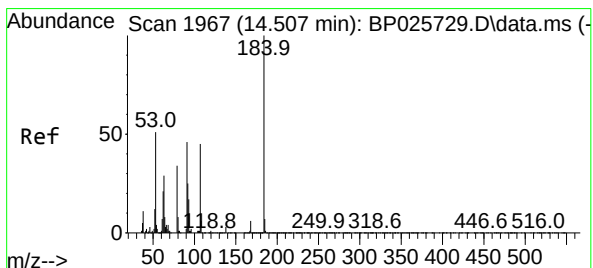
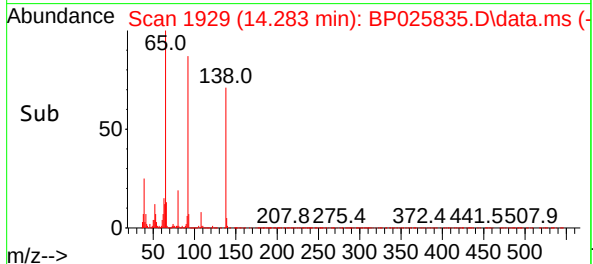
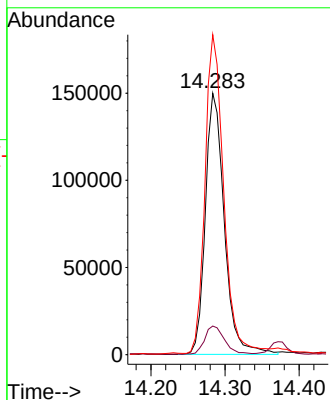
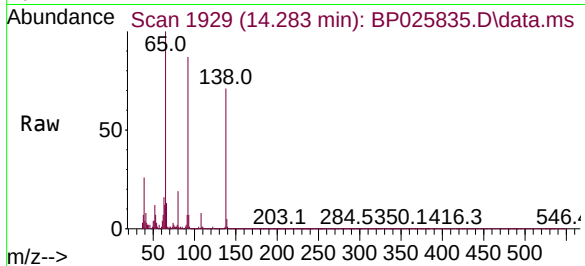




#53  
3-Nitroaniline  
Concen: 28.898 ng  
RT: 14.283 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

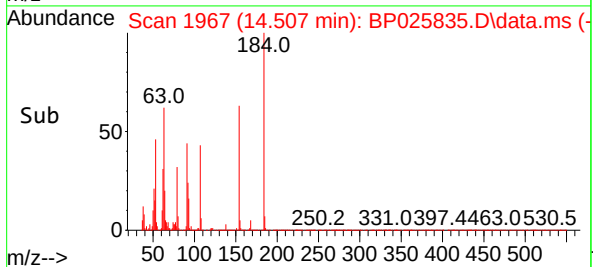
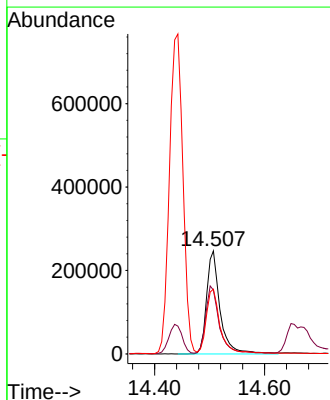
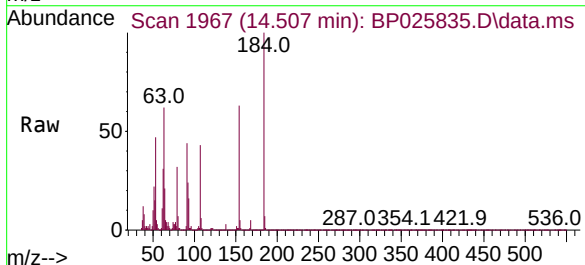
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

Tgt Ion:138 Resp: 266886  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.7 13.1  
92 122.4 94.6 142.0

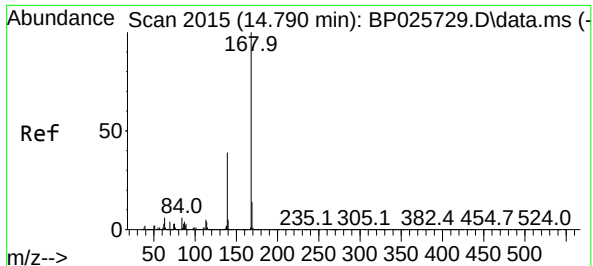


#54  
2,4-Dinitrophenol  
Concen: 73.727 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:184 Resp: 418688  
Ion Ratio Lower Upper  
184 100  
63 61.9 52.5 78.7  
154 62.9 51.5 77.3



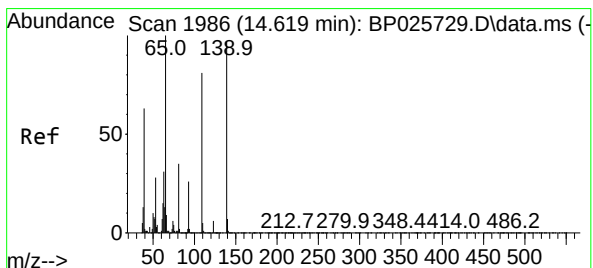
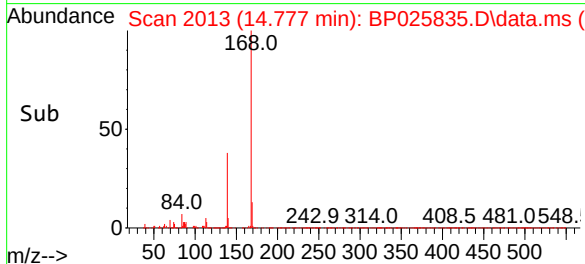
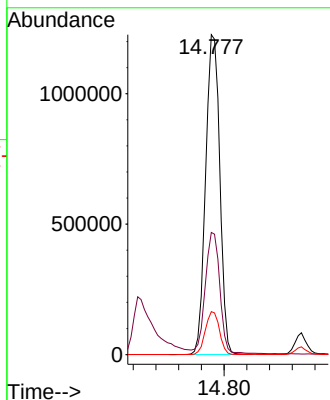
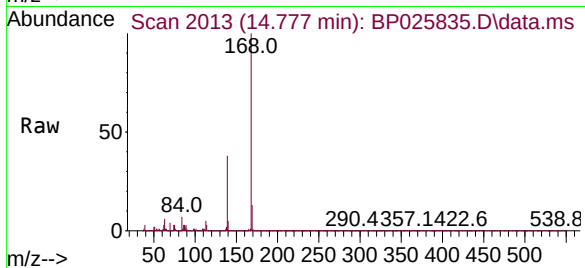




#55  
Dibenzenofuran  
Concen: 43.666 ng  
RT: 14.777 min Scan# 2015  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

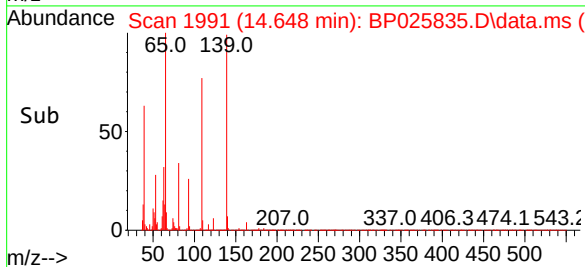
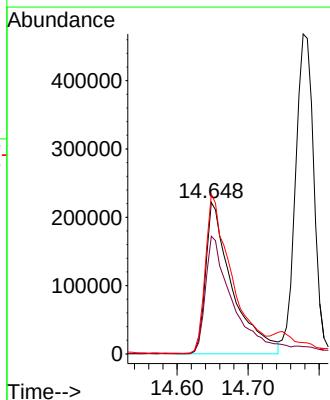
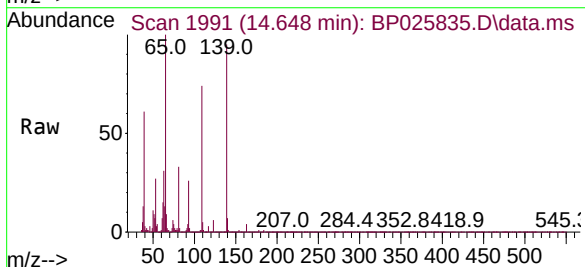
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

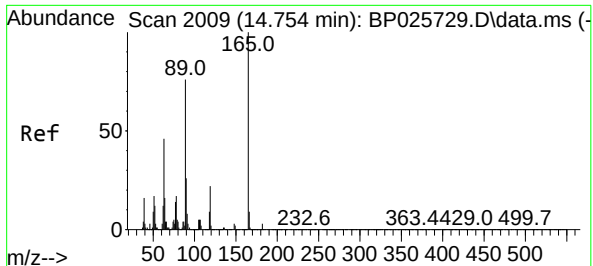
Tgt Ion:168 Resp: 2133886  
Ion Ratio Lower Upper  
168 100  
139 38.2 31.7 47.5  
169 13.4 10.8 16.2



#56  
4-Nitrophenol  
Concen: 72.623 ng  
RT: 14.648 min Scan# 1991  
Delta R.T. 0.029 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:139 Resp: 574100  
Ion Ratio Lower Upper  
139 100  
109 77.7 62.9 102.9  
65 105.5 83.4 123.4

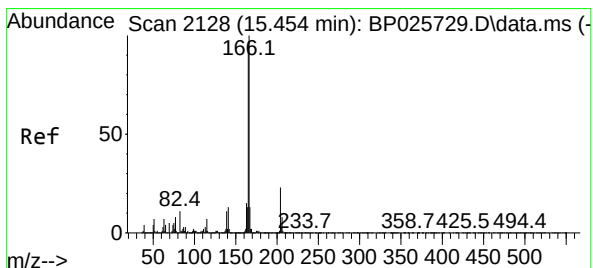
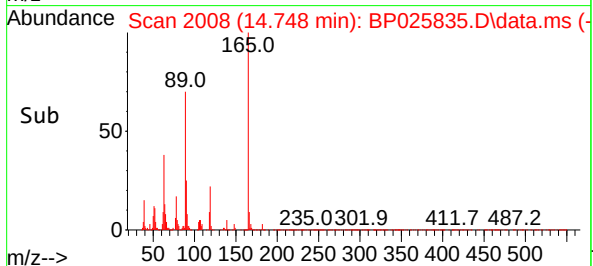
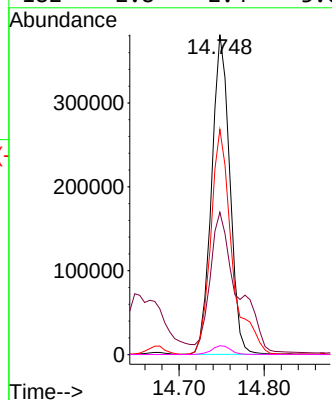
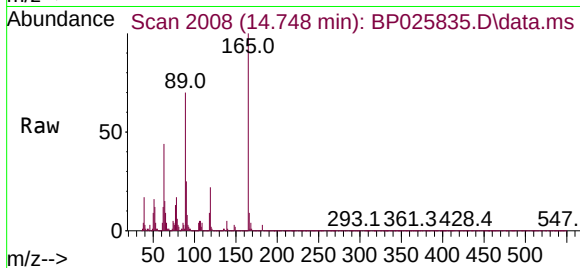




#57  
2,4-Dinitrotoluene  
Concen: 45.106 ng  
RT: 14.748 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

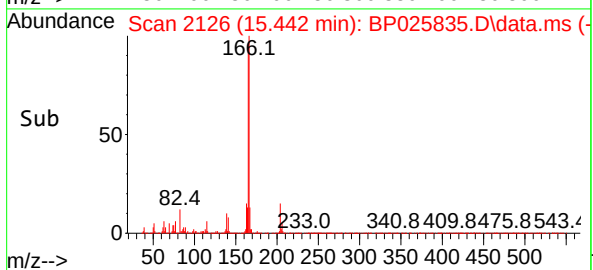
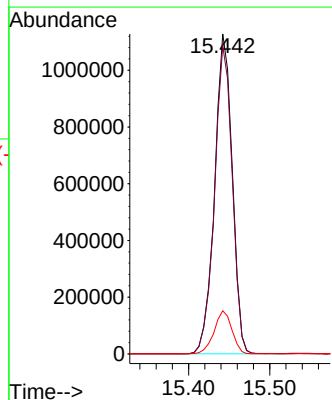
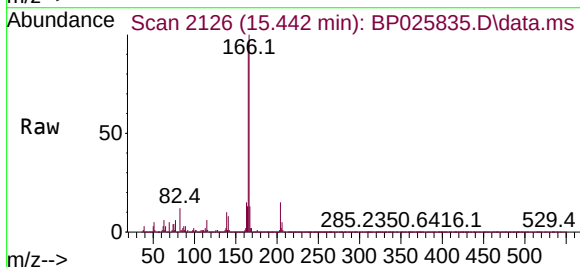
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

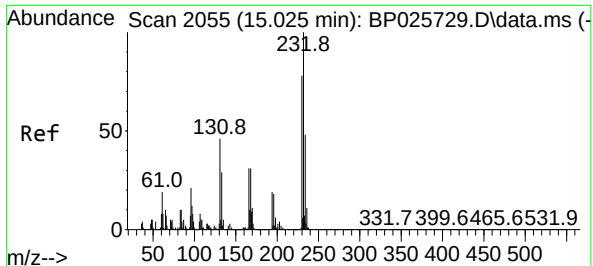
Tgt Ion:165 Resp: 563759  
Ion Ratio Lower Upper  
165 100  
63 44.5 37.7 56.5  
89 70.4 61.0 91.6  
182 2.8 2.4 3.6



#58  
Fluorene  
Concen: 43.854 ng  
RT: 15.442 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:166 Resp: 1704140  
Ion Ratio Lower Upper  
166 100  
165 96.2 77.7 116.5  
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.065 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MS

Tgt Ion:232 Resp: 488665

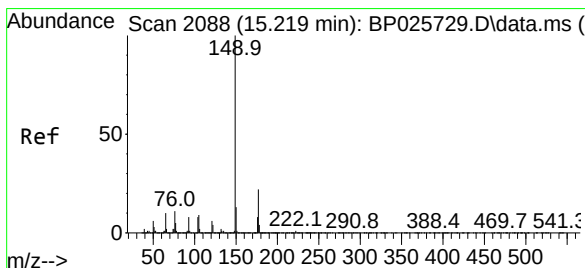
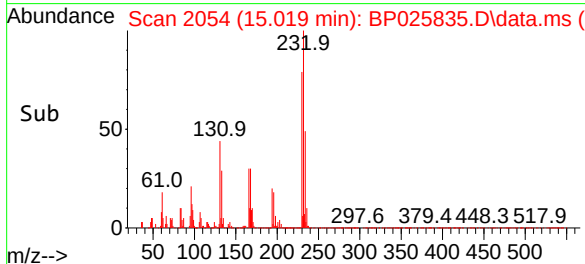
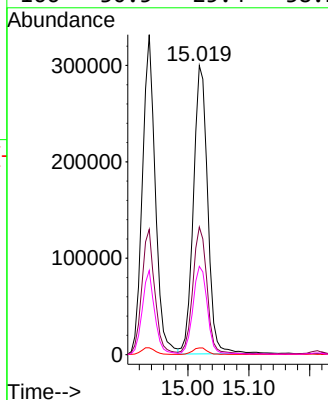
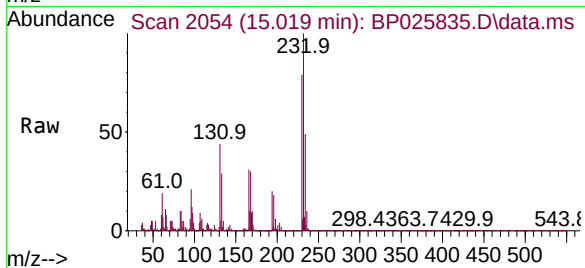
Ion Ratio Lower Upper

232 100

131 43.6 36.7 55.1

130 2.3 2.0 3.0

166 30.5 25.4 38.2



#60

Diethylphthalate

Concen: 44.915 ng

RT: 15.213 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

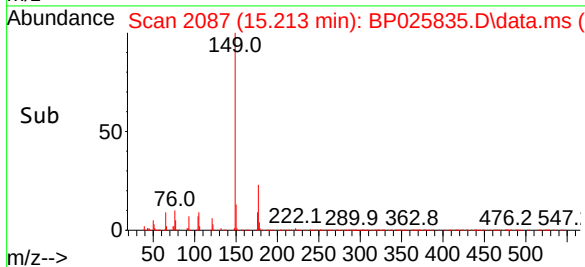
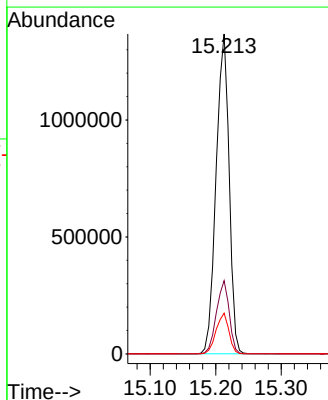
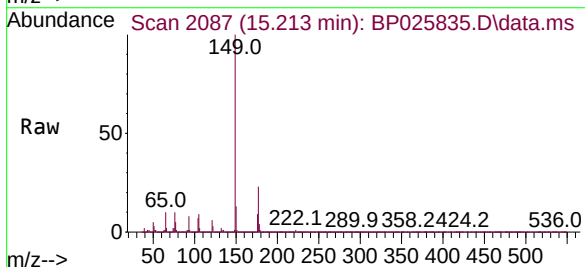
Tgt Ion:149 Resp: 1888547

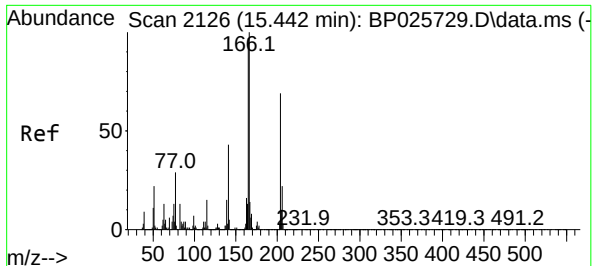
Ion Ratio Lower Upper

149 100

177 22.9 17.7 26.5

150 12.7 10.0 15.0

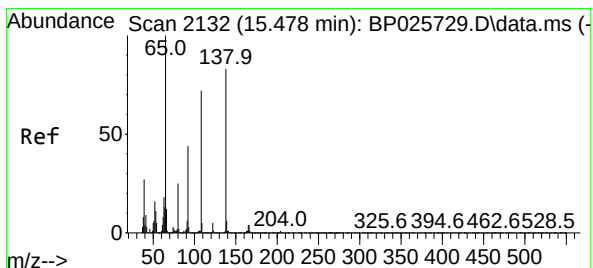
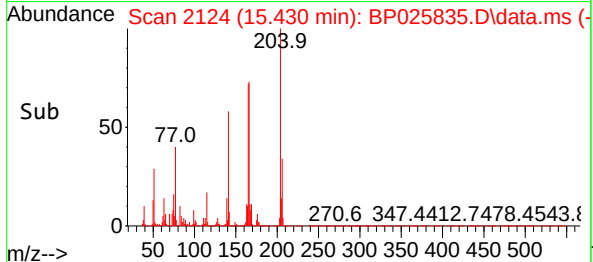
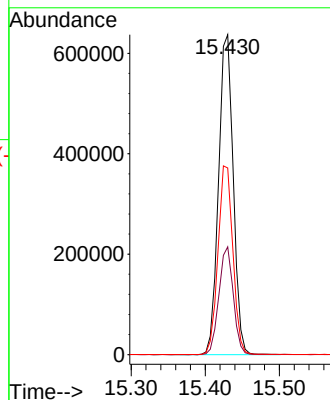
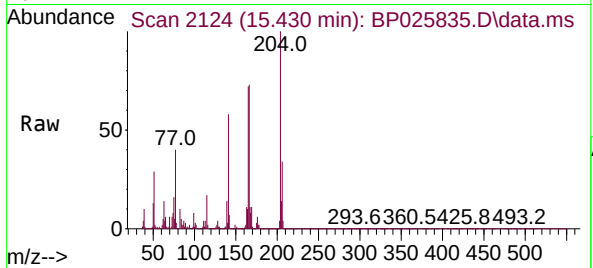




#61  
4-Chlorophenyl-phenylether  
Concen: 44.732 ng  
RT: 15.430 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

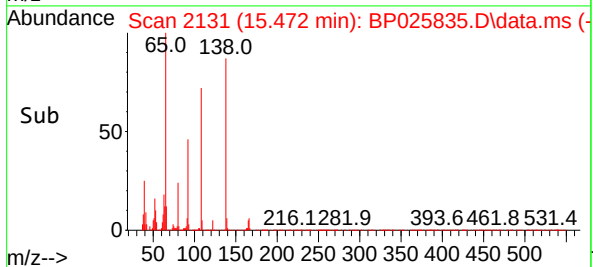
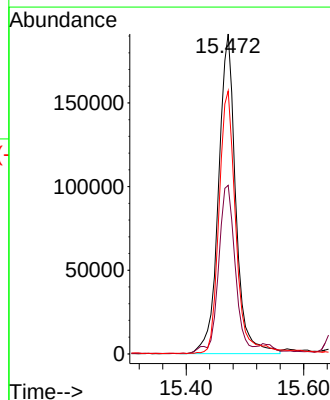
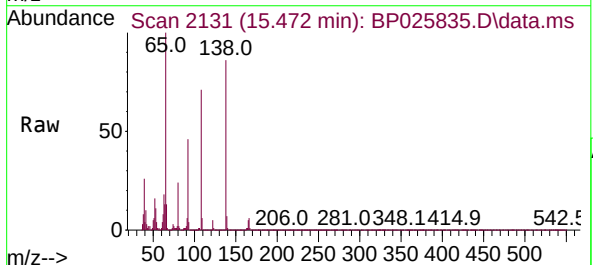
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

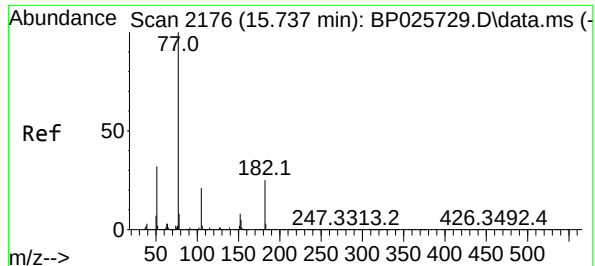
Tgt Ion:204 Resp: 876026  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.0 39.0  
141 58.3 49.7 74.5



#62  
4-Nitroaniline  
Concen: 41.180 ng  
RT: 15.472 min Scan# 2131  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:138 Resp: 389612  
Ion Ratio Lower Upper  
138 100  
92 52.7 33.3 73.3  
108 82.2 66.7 106.7

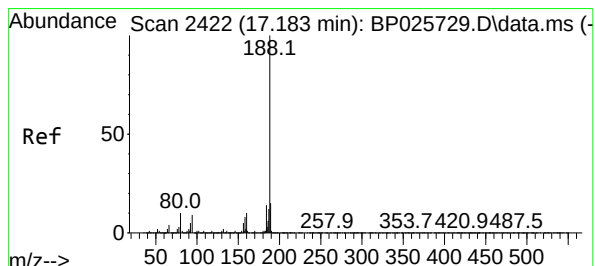
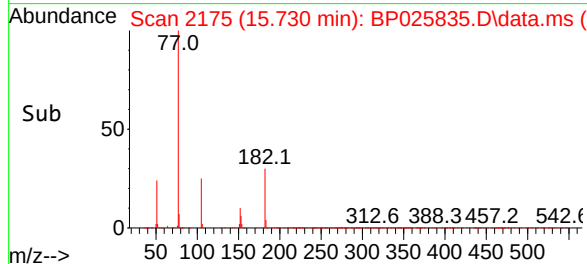
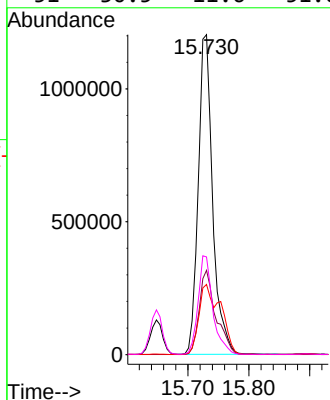
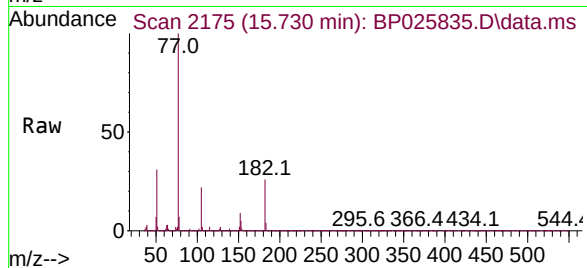




#63  
Azobenzene  
Concen: 48.673 ng  
RT: 15.730 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

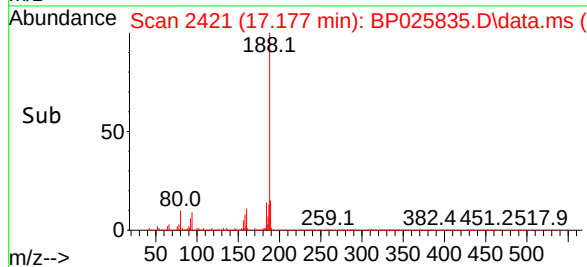
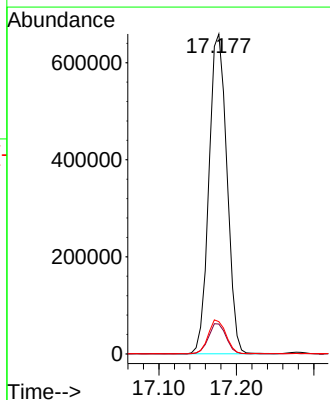
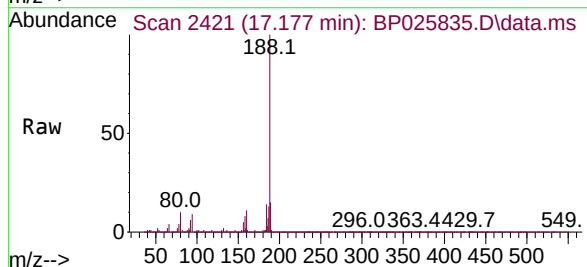
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

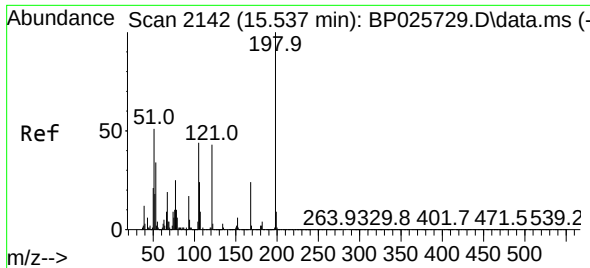
Tgt Ion: 77 Resp: 1978890  
Ion Ratio Lower Upper  
77 100  
182 26.3 5.2 45.2  
105 21.9 1.1 41.1  
51 30.5 11.6 51.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.177 min Scan# 2421  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:188 Resp: 1061855  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.4 11.0  
80 10.1 7.7 11.5

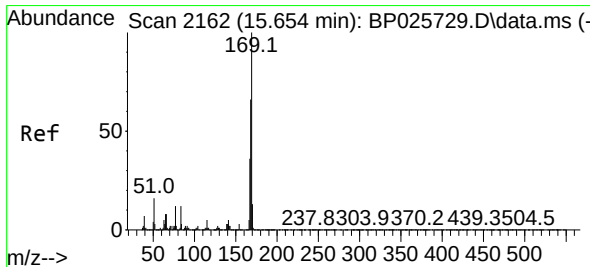
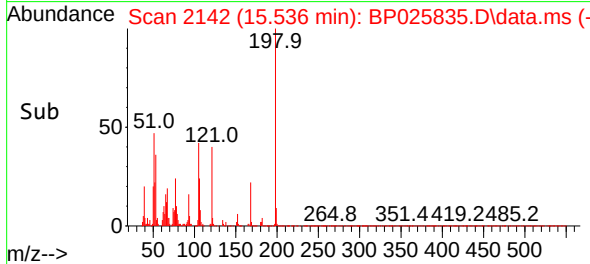
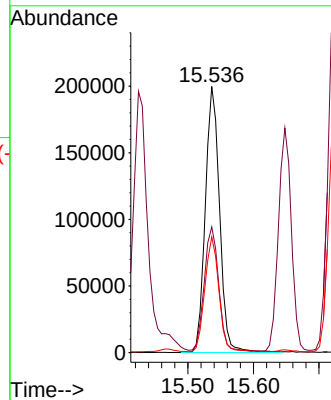
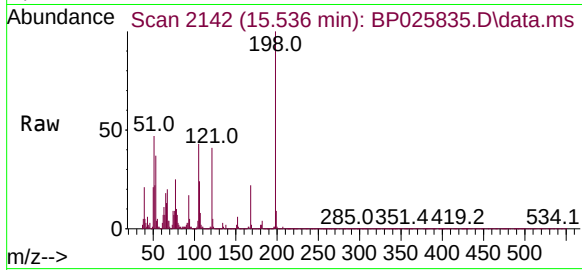




#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.630 ng  
RT: 15.536 min Scan# 2142  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

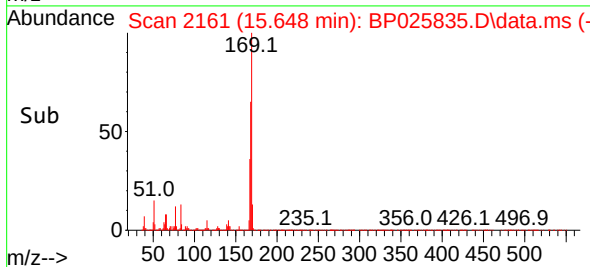
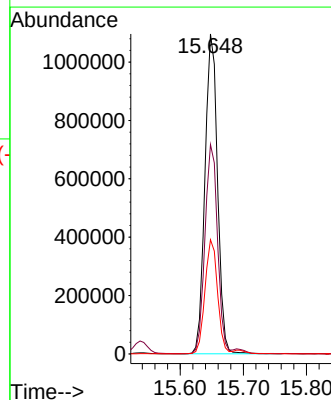
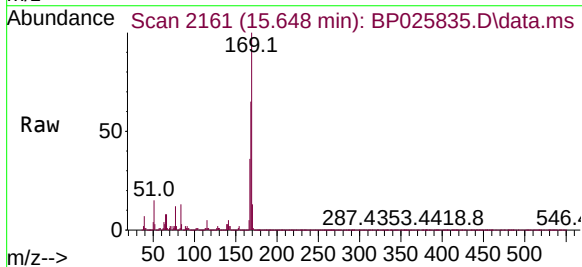
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

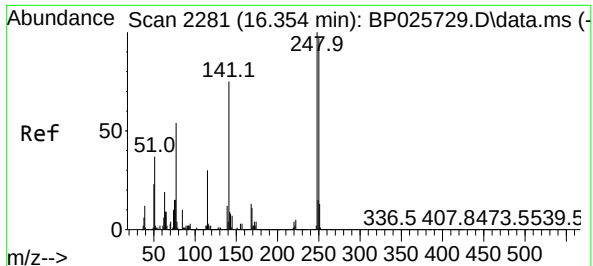
| Tgt Ion   | 198   | Resp  | 301041 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 47.2  | 33.4  | 73.4   |
| 105       | 43.4  | 24.3  | 64.3   |



#66  
n-Nitrosodiphenylamine  
Concen: 46.696 ng  
RT: 15.648 min Scan# 2161  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

| Tgt Ion   | 169   | Resp  | 1517394 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 65.4  | 52.6  | 78.8    |
| 167       | 35.7  | 28.5  | 42.7    |

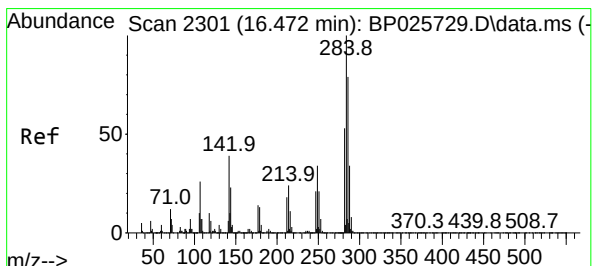
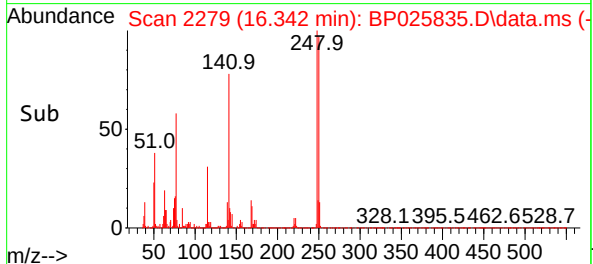
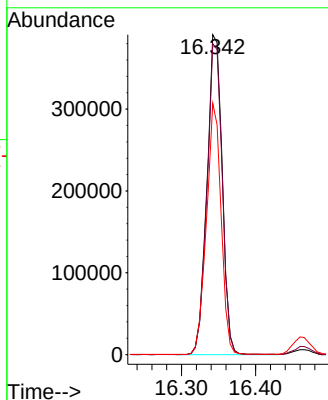
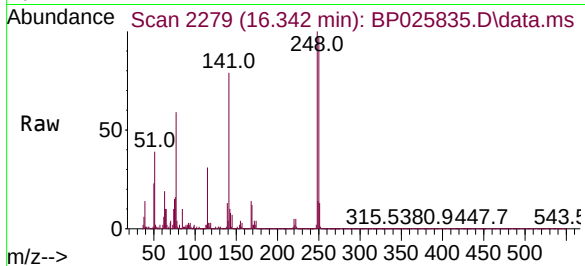




#67  
4-Bromophenyl-phenylether  
Concen: 47.946 ng  
RT: 16.342 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

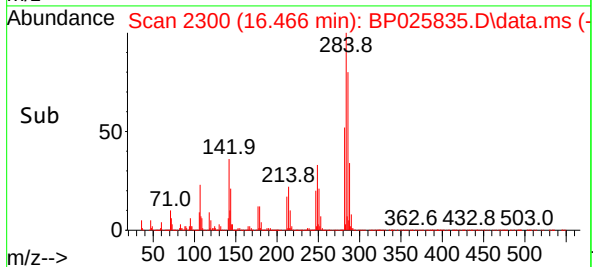
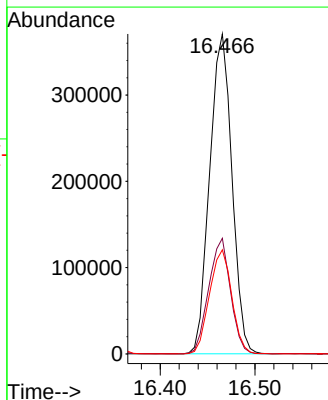
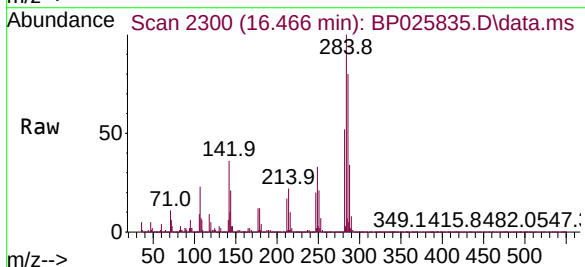
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

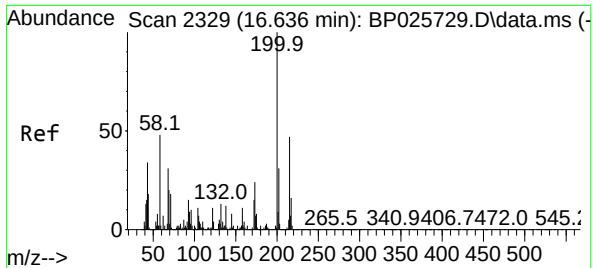
Tgt Ion:248 Resp: 559305  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.5 116.3  
141 78.5 60.2 90.4



#68  
Hexachlorobenzene  
Concen: 46.588 ng  
RT: 16.466 min Scan# 2300  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:284 Resp: 606055  
Ion Ratio Lower Upper  
284 100  
142 36.1 31.3 46.9  
249 32.5 27.3 40.9

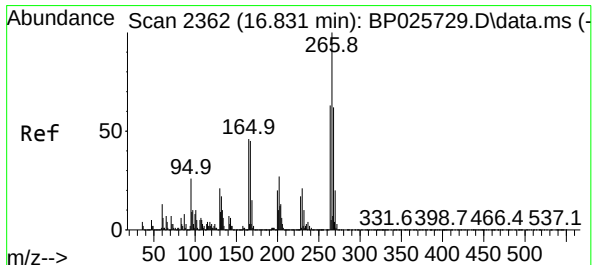
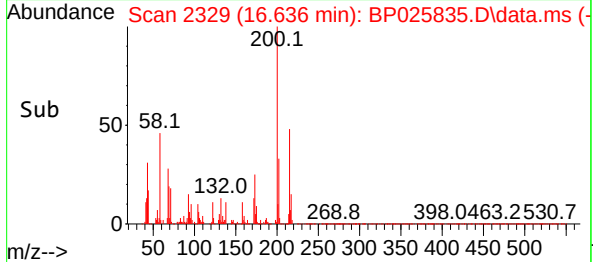
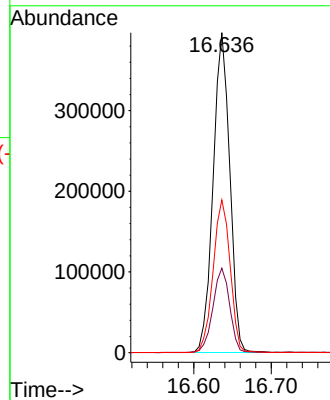
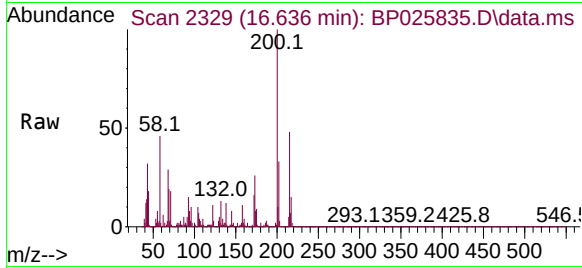




#69  
Atrazine  
Concen: 47.658 ng  
RT: 16.636 min Scan# 2329  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

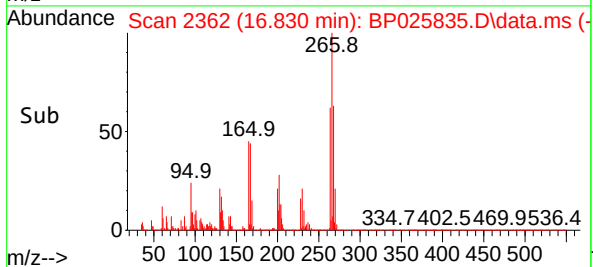
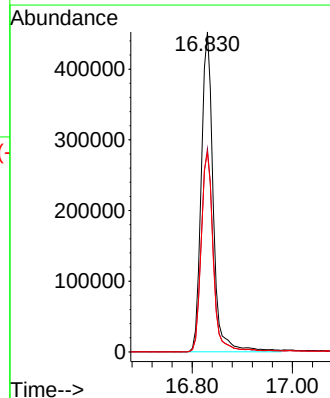
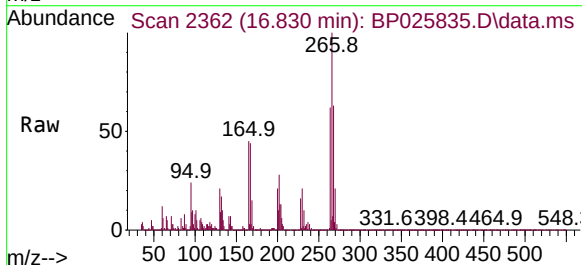
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.4  | 4.2   | 44.2  |
| 215     | 47.7  | 27.3  | 67.3  |

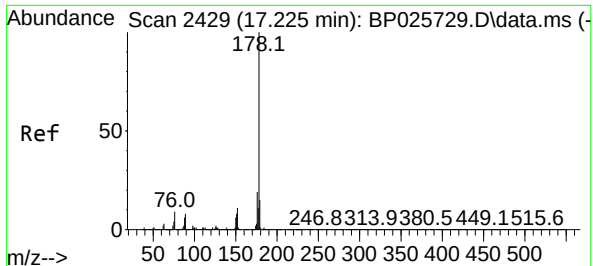


#70  
Pentachlorophenol  
Concen: 87.033 ng  
RT: 16.830 min Scan# 2362  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 49.8  | 74.8  |
| 264     | 62.3  | 50.2  | 75.2  |



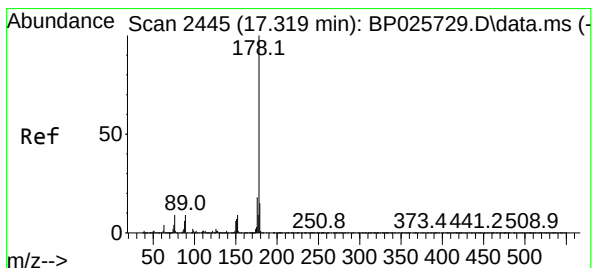
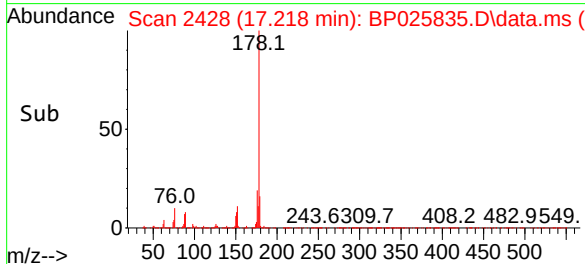
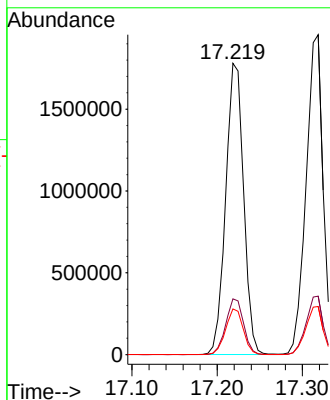
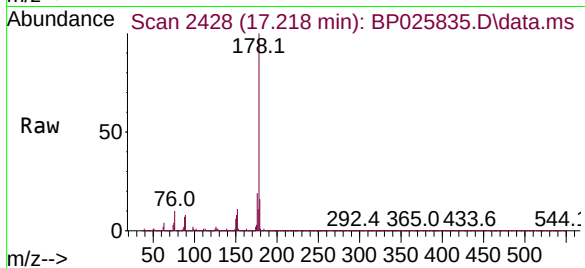




#71  
Phenanthrene  
Concen: 43.192 ng  
RT: 17.218 min Scan# 2428  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

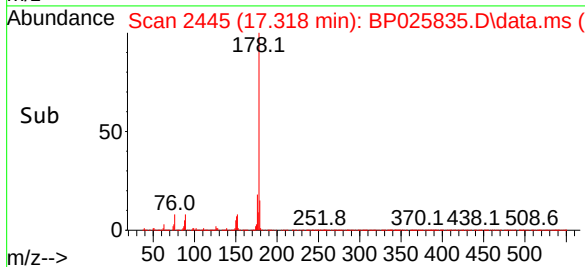
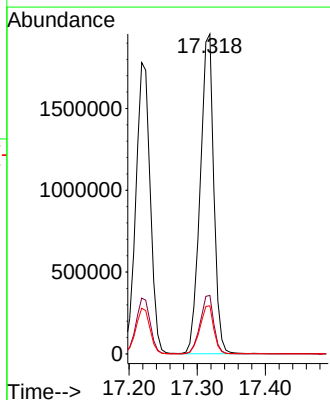
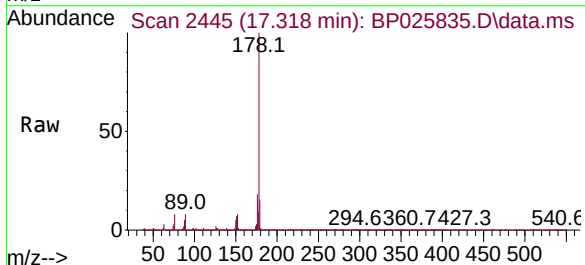
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

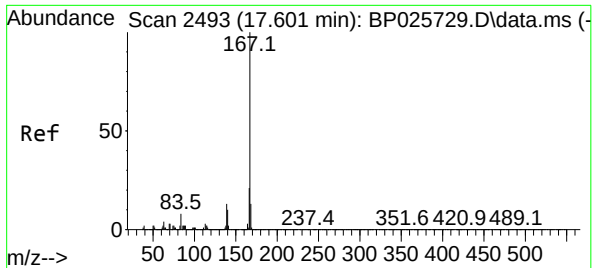
Tgt Ion:178 Resp: 2601634  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.7 12.2 18.4



#72  
Anthracene  
Concen: 44.359 ng  
RT: 17.318 min Scan# 2445  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:178 Resp: 2711056  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.0 12.2 18.4

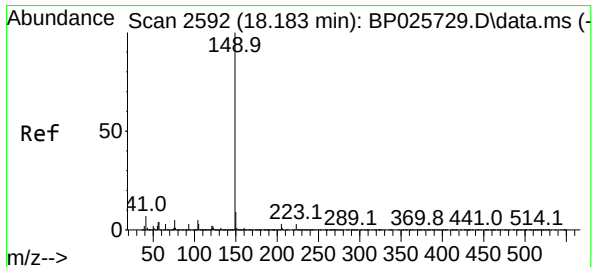
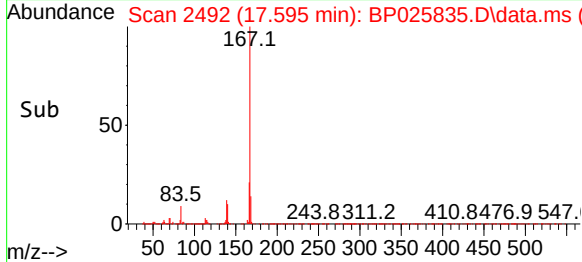
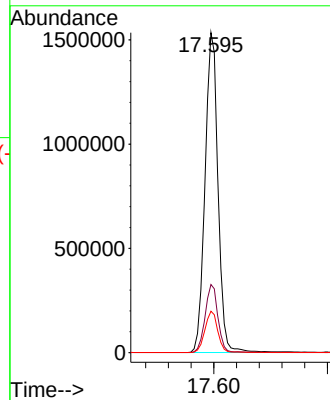
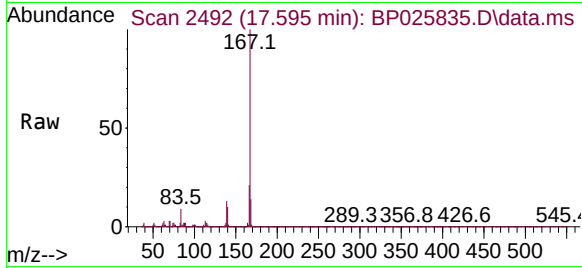




#73  
 Carbazole  
 Concen: 42.906 ng  
 RT: 17.595 min Scan# 2493  
 Delta R.T. -0.006 min  
 Lab File: BP025835.D  
 Acq: 23 Sep 2025 18:41

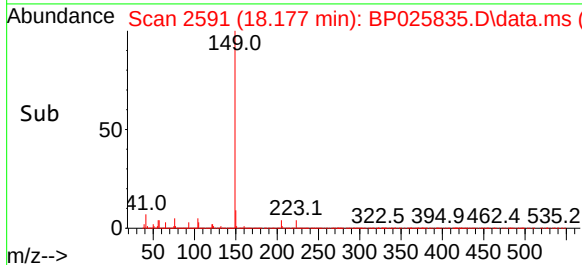
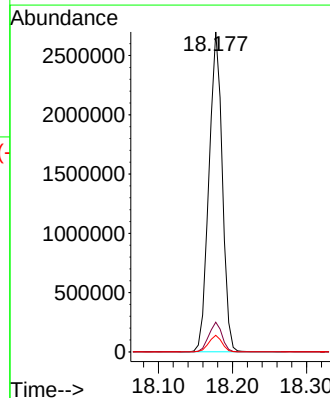
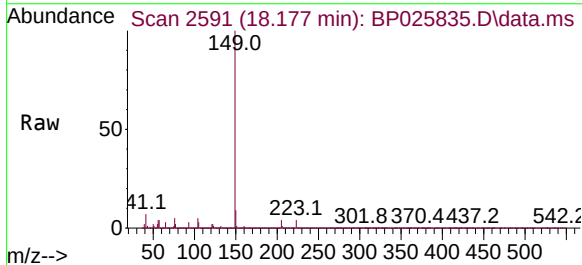
Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-500-COMP-40MS

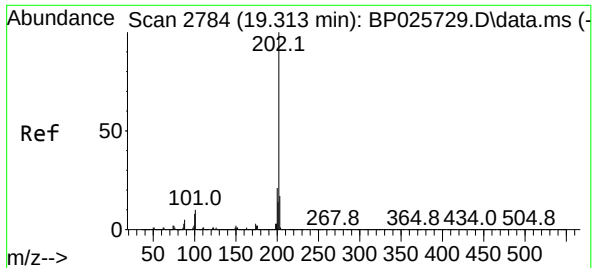
Tgt Ion:167 Resp: 2437888  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.0 25.4  
 139 12.9 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 48.261 ng  
 RT: 18.177 min Scan# 2591  
 Delta R.T. -0.006 min  
 Lab File: BP025835.D  
 Acq: 23 Sep 2025 18:41

Tgt Ion:149 Resp: 3365104  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 5.2 4.3 6.5

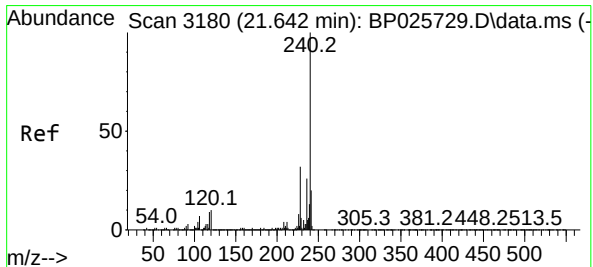
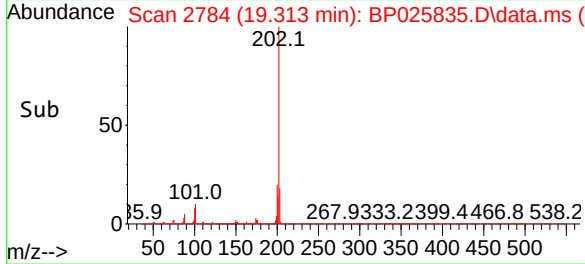
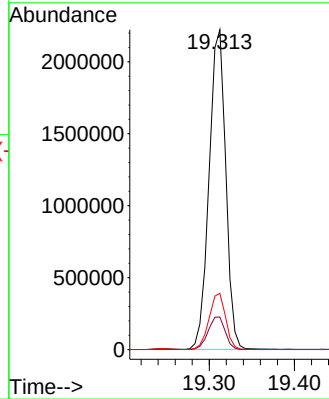
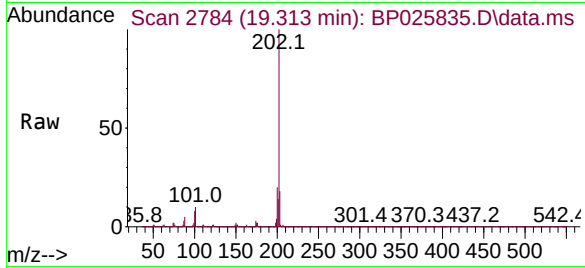




#75  
Fluoranthene  
Concen: 41.729 ng  
RT: 19.313 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

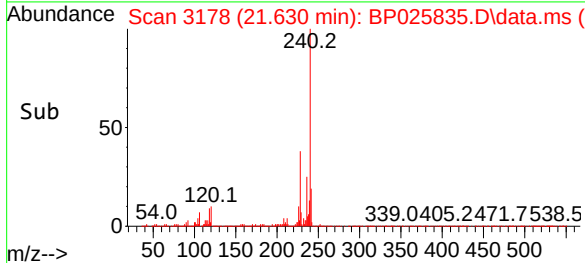
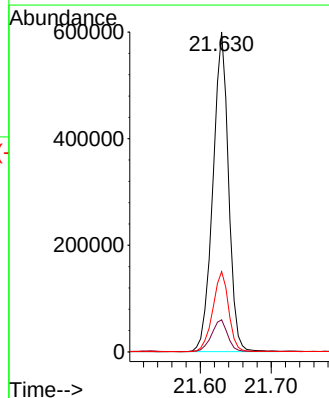
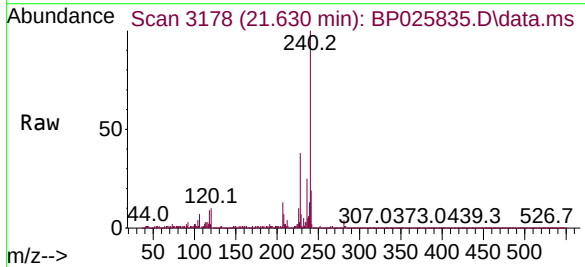
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

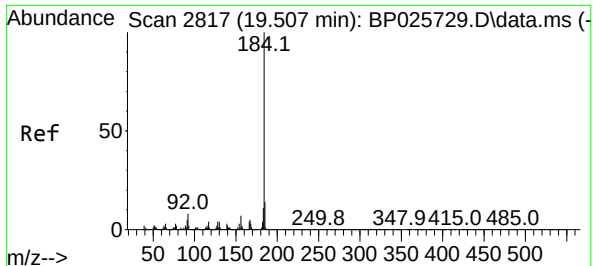
Tgt Ion:202 Resp: 3014541  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 30.4  
203 17.6 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.630 min Scan# 3178  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:240 Resp: 915774  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.0 12.0  
236 25.1 20.7 31.1

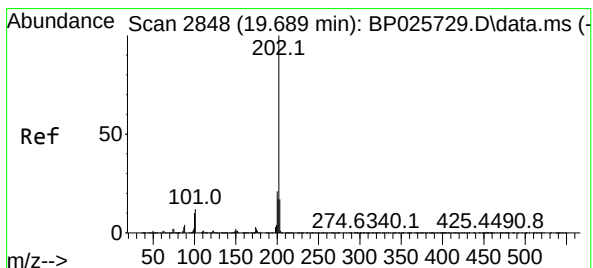
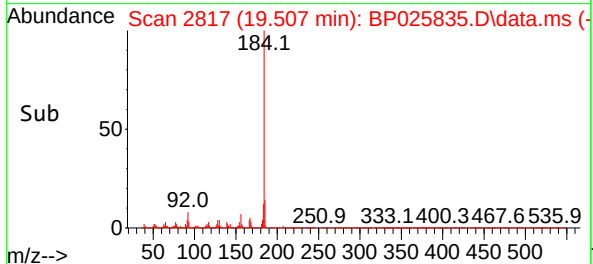
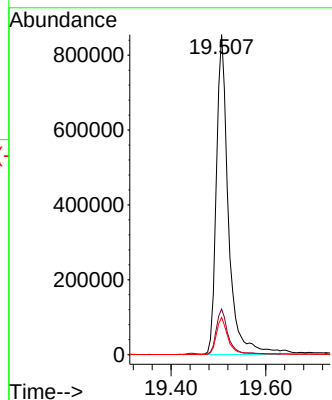
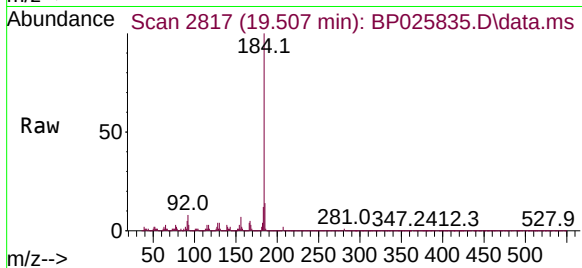




#77  
Benzidine  
Concen: 57.200 ng  
RT: 19.507 min Scan# 2817  
Delta R.T. -0.000 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

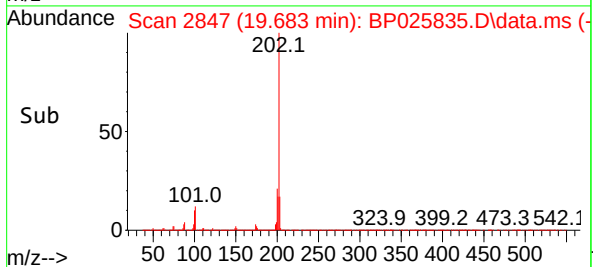
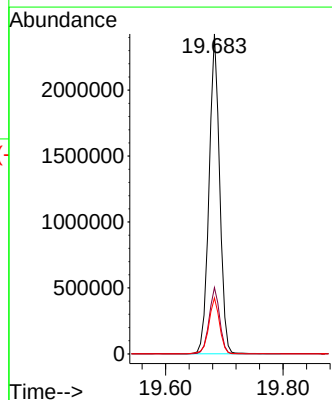
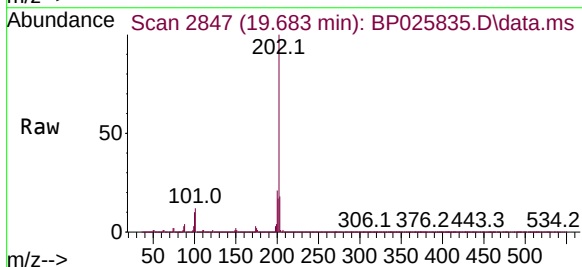
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

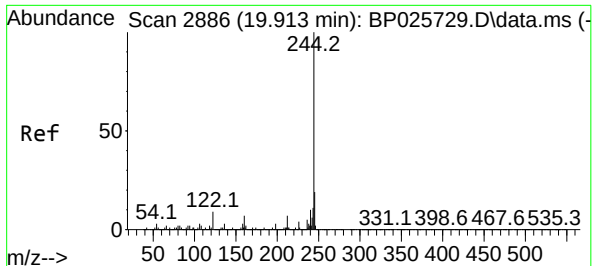
Tgt Ion:184 Resp: 1508877  
Ion Ratio Lower Upper  
184 100  
185 14.2 11.5 17.3  
183 11.6 9.2 13.8



#78  
Pyrene  
Concen: 49.599 ng  
RT: 19.683 min Scan# 2847  
Delta R.T. -0.006 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:202 Resp: 3030748  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.0 25.6  
203 17.5 13.9 20.9

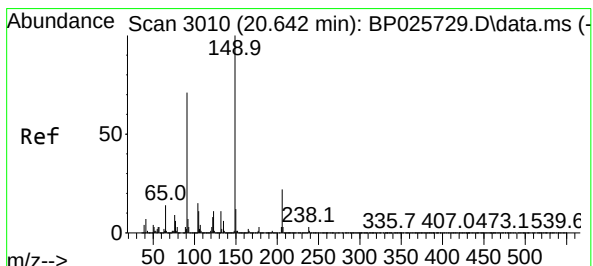
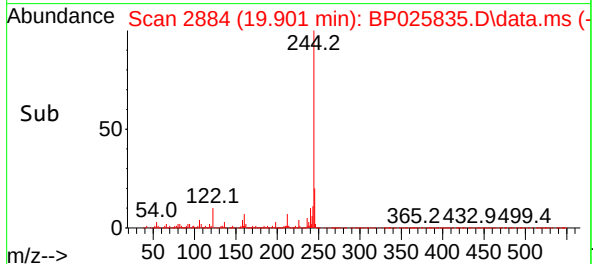
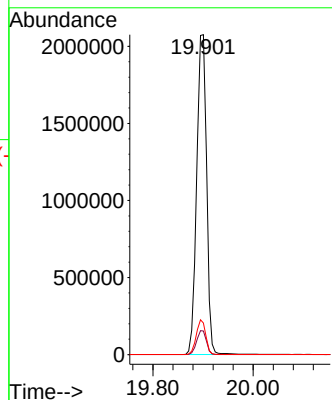
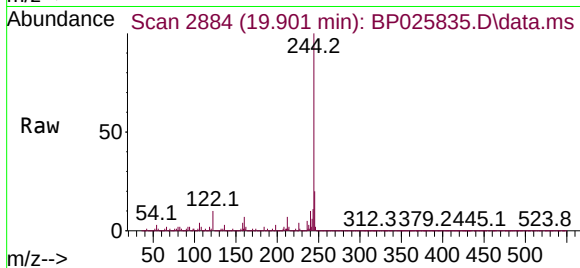




#79  
Terphenyl-d14  
Concen: 56.111 ng  
RT: 19.901 min Scan# 2884  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

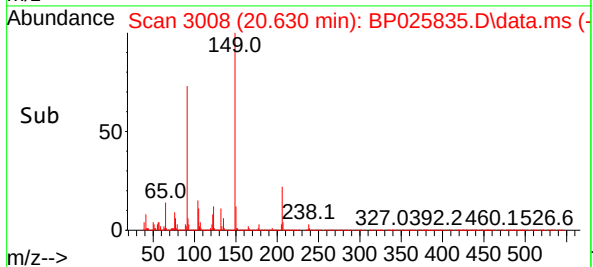
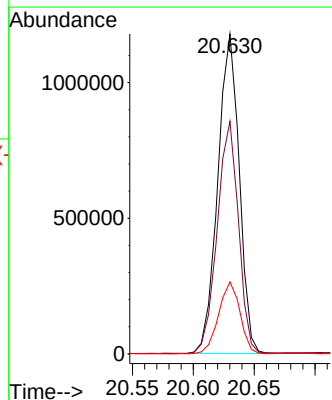
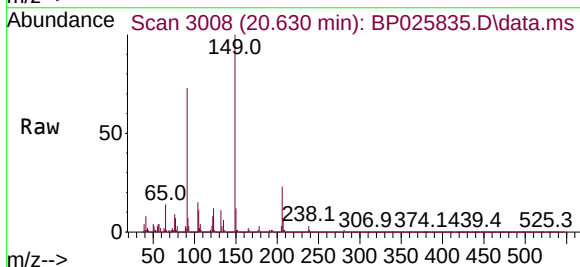
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

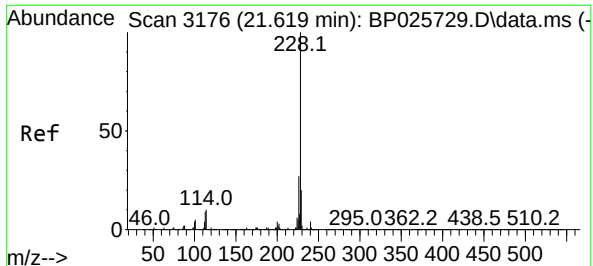
Tgt Ion:244 Resp: 2856312  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.9 8.9  
122 9.9 7.1 10.7



#80  
Butylbenzylphthalate  
Concen: 53.910 ng  
RT: 20.630 min Scan# 3008  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:149 Resp: 1444373  
Ion Ratio Lower Upper  
149 100  
91 72.7 56.6 85.0  
206 22.5 17.4 26.0

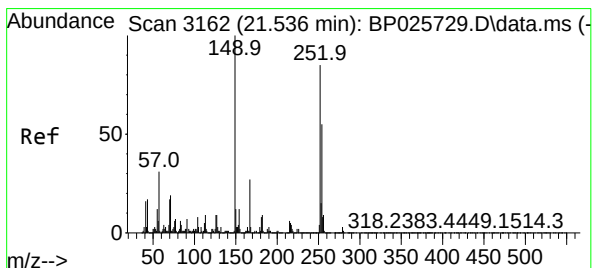
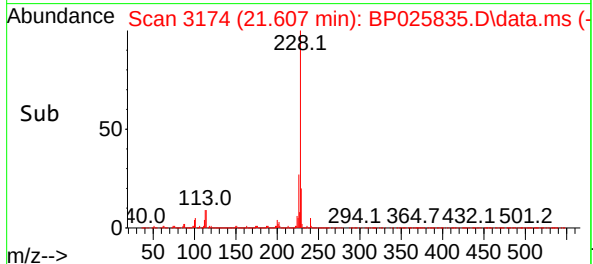
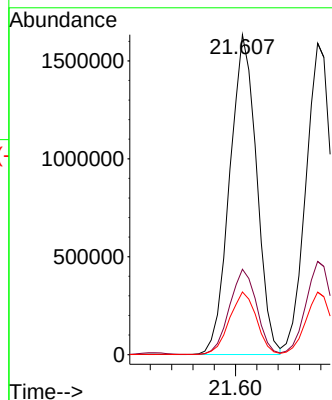
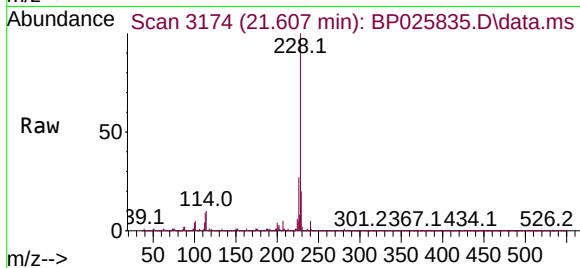




#81  
Benzo(a)anthracene  
Concen: 45.568 ng  
RT: 21.607 min Scan# 3176  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

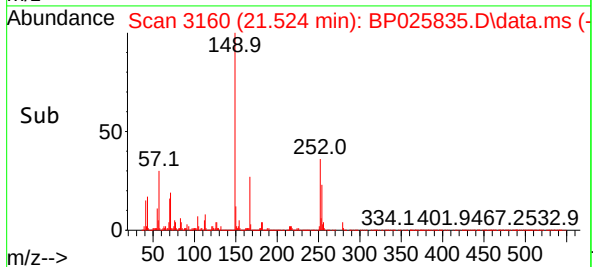
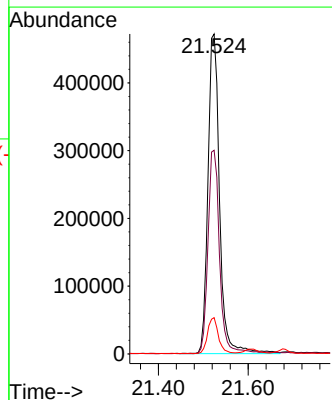
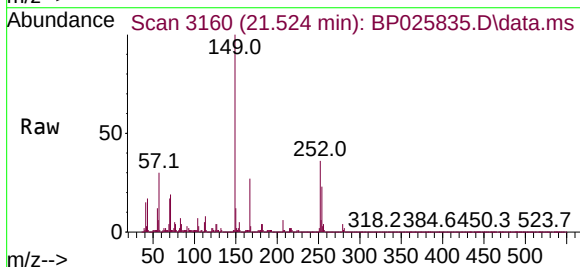
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

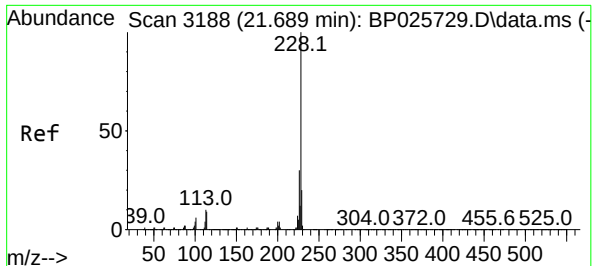
Tgt Ion:228 Resp: 2856867  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.6 32.4  
229 19.6 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 39.104 ng  
RT: 21.524 min Scan# 3160  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:252 Resp: 847697  
Ion Ratio Lower Upper  
252 100  
254 63.6 51.4 77.0  
126 11.3 8.3 12.5

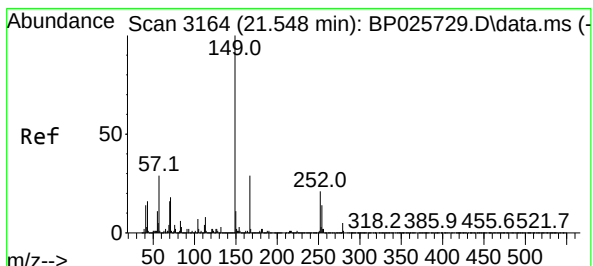
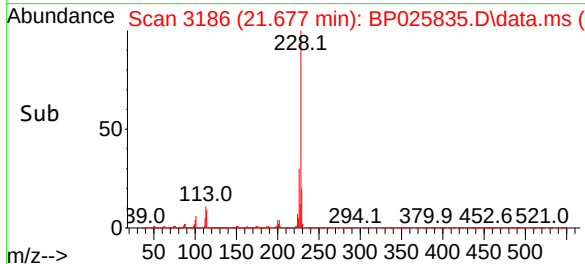
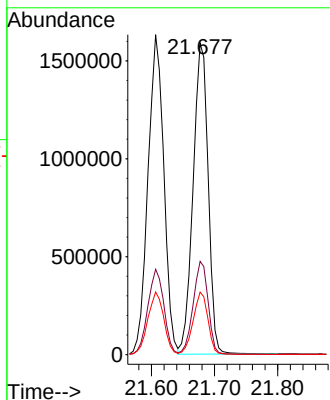
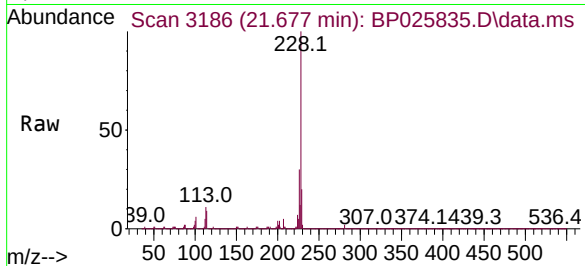




#83  
Chrysene  
Concen: 44.200 ng  
RT: 21.677 min Scan# 3186  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

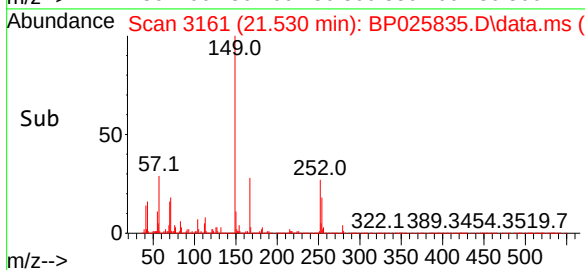
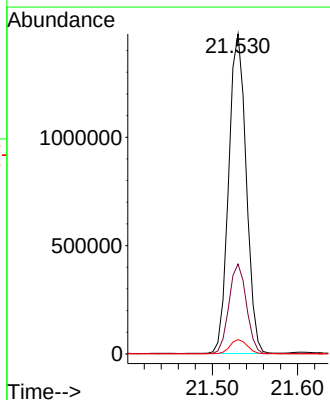
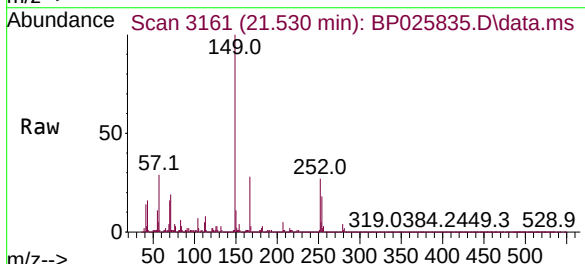
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

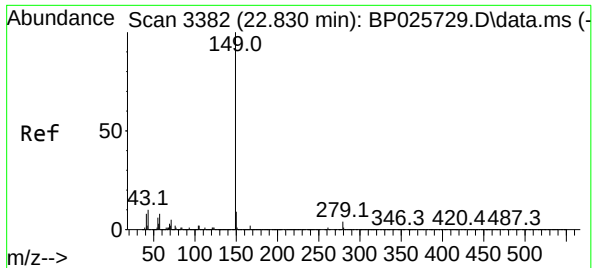
Tgt Ion:228 Resp: 2641572  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.8 35.6  
229 20.1 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 53.670 ng  
RT: 21.530 min Scan# 3161  
Delta R.T. -0.018 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:149 Resp: 2103785  
Ion Ratio Lower Upper  
149 100  
167 28.1 22.9 34.3  
279 4.5 3.8 5.8

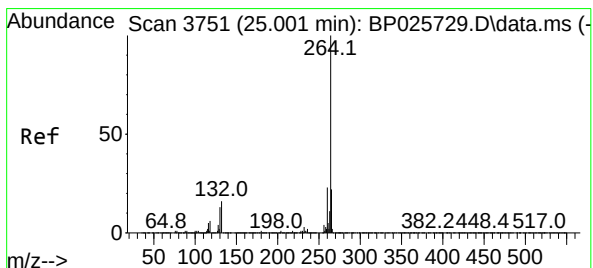
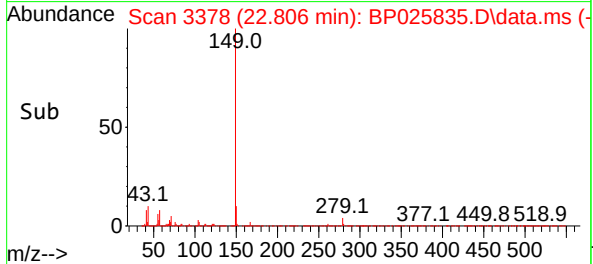
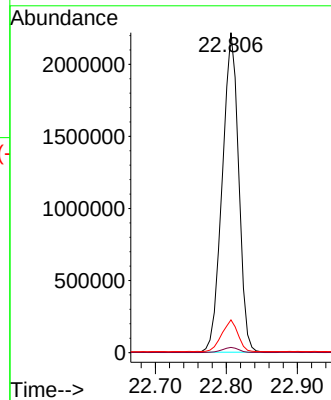
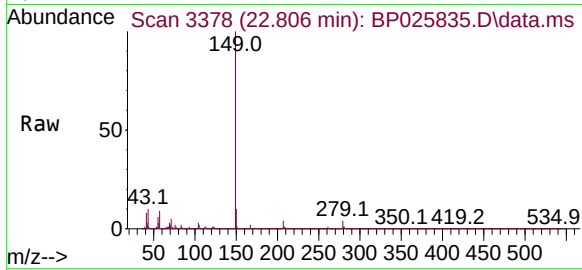




#85  
Di-n-octyl phthalate  
Concen: 51.153 ng  
RT: 22.806 min Scan# 3382  
Delta R.T. -0.024 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

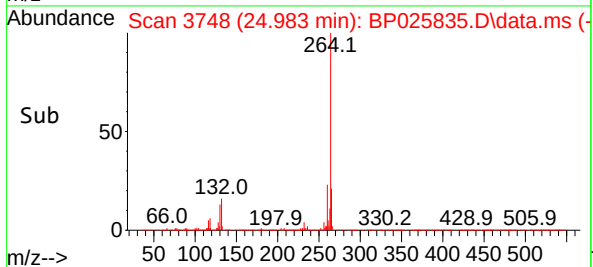
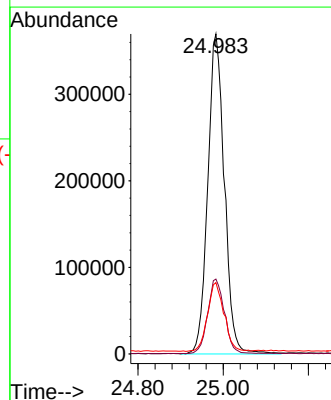
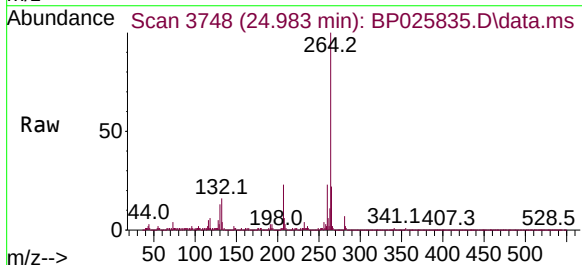
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

Tgt Ion:149 Resp: 3566683  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.7 8.0 12.0

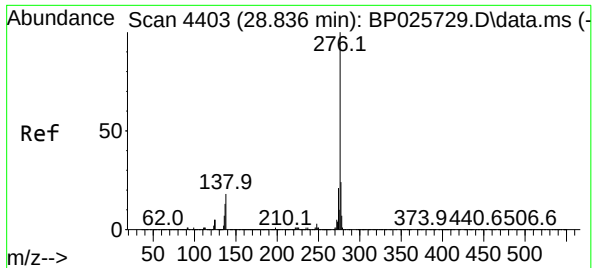


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.983 min Scan# 3748  
Delta R.T. -0.018 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:264 Resp: 1000886  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.3 27.5  
265 22.3 17.3 25.9







#87

Indeno(1,2,3-cd)pyrene

Concen: 45.414 ng

RT: 28.830 min Scan# 4403

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MS

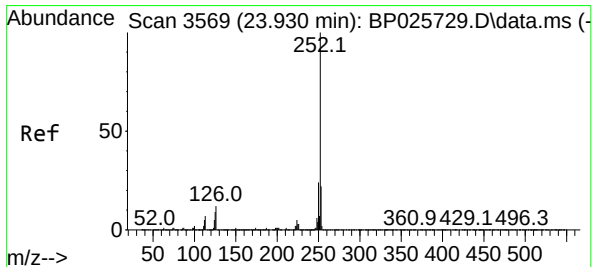
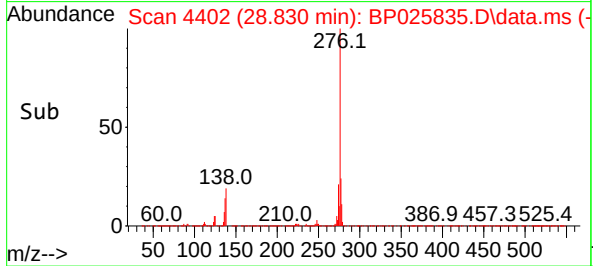
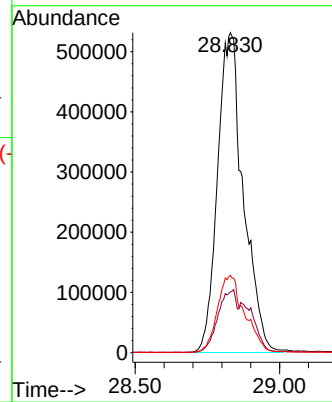
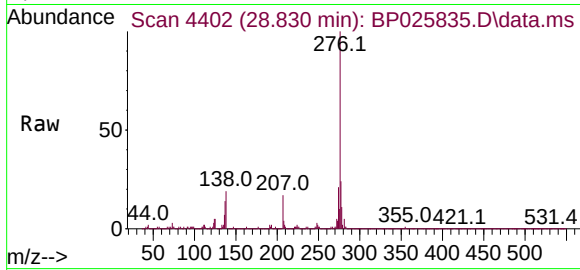
Tgt Ion:276 Resp: 3305488

Ion Ratio Lower Upper

276 100

138 14.6 13.4 20.2

277 25.1 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 45.263 ng

RT: 23.912 min Scan# 3566

Delta R.T. -0.018 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

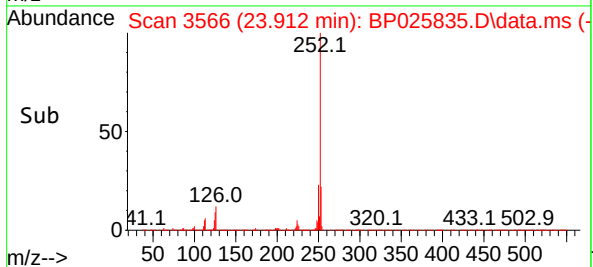
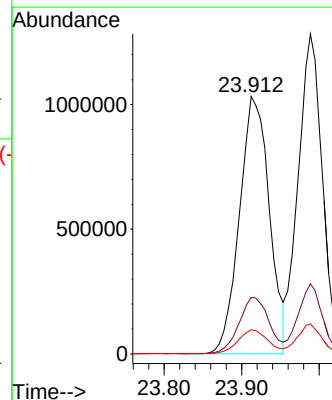
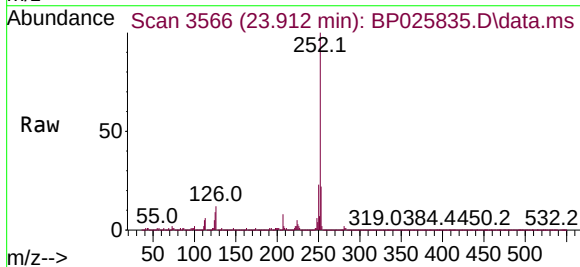
Tgt Ion:252 Resp: 2770396

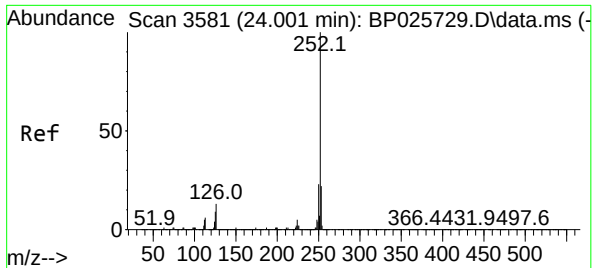
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 9.3 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 44.797 ng

RT: 23.989 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MS

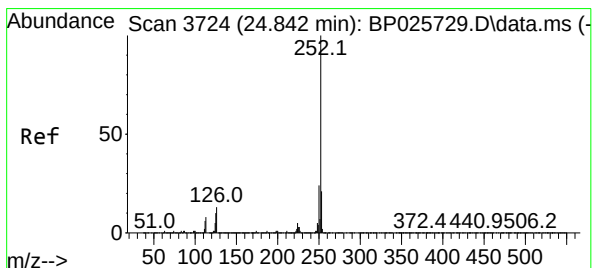
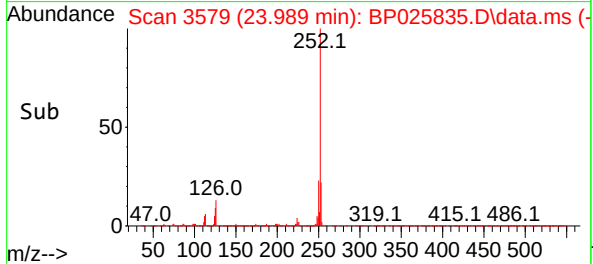
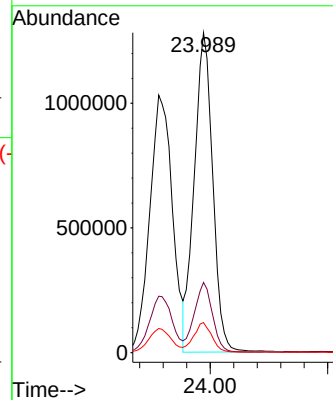
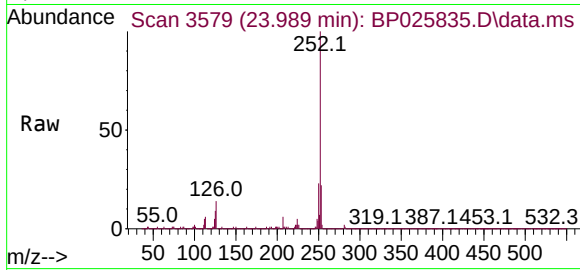
Tgt Ion:252 Resp: 2797880

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.4 7.5 11.3



#90

Benzo(a)pyrene

Concen: 44.473 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.006 min

Lab File: BP025835.D

Acq: 23 Sep 2025 18:41

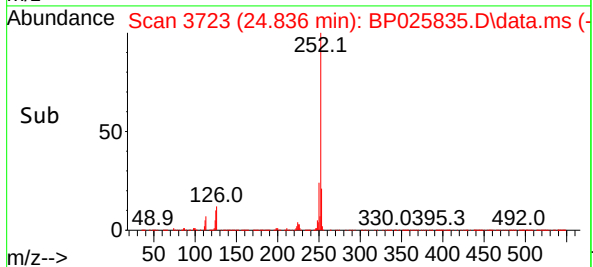
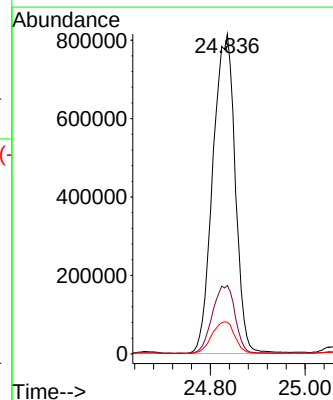
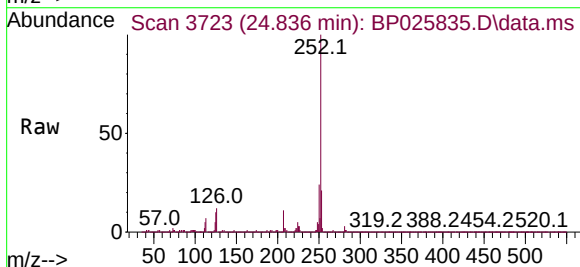
Tgt Ion:252 Resp: 2665693

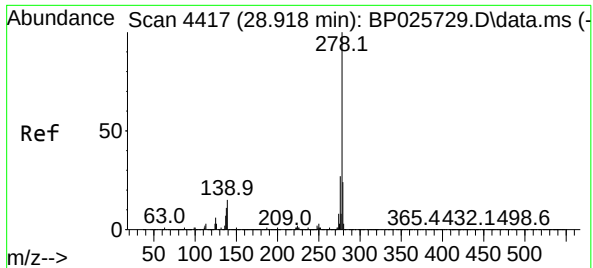
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 9.9 8.3 12.5

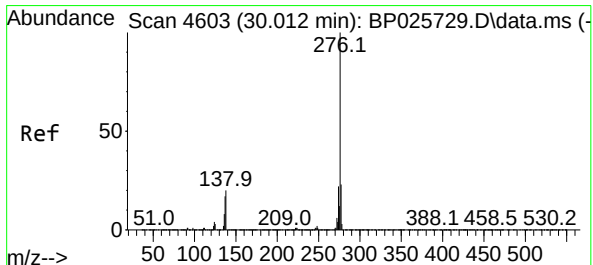
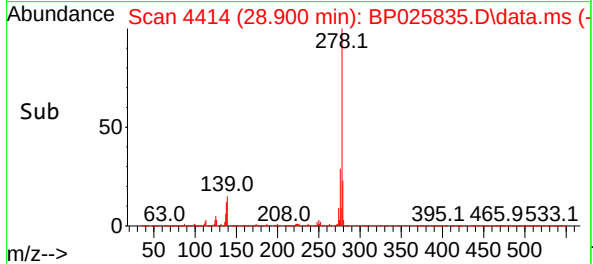
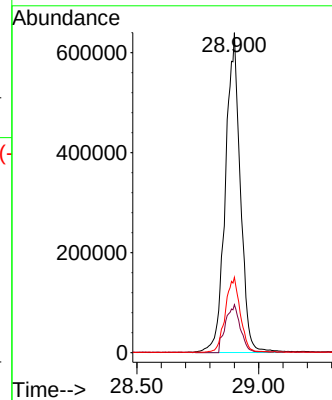
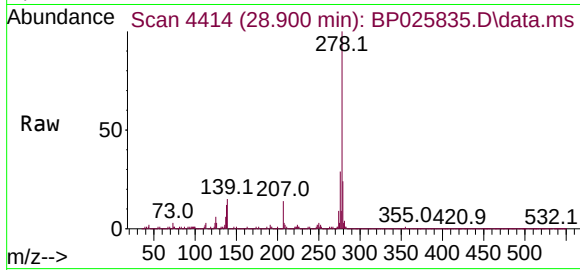




#91  
Dibenzo(a,h)anthracene  
Concen: 45.494 ng  
RT: 28.900 min Scan# 4417  
Delta R.T. -0.018 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

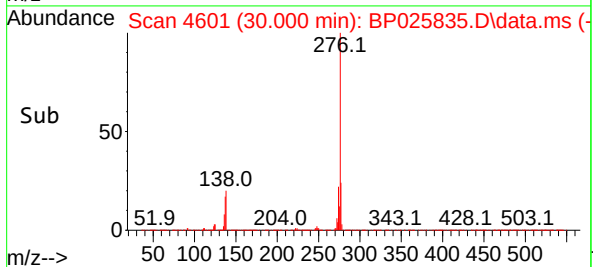
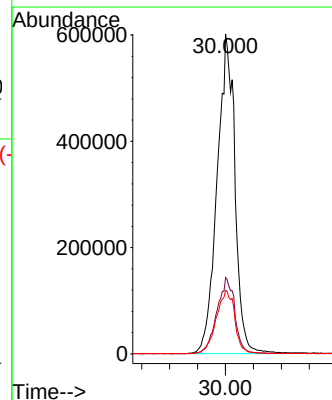
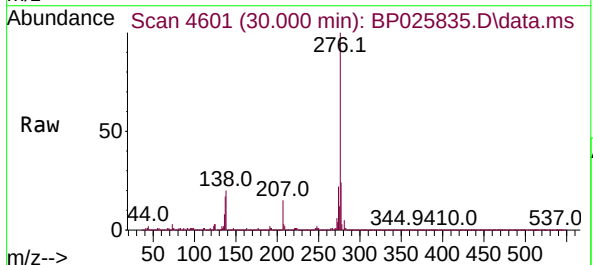
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MS

Tgt Ion:278 Resp: 2709752  
Ion Ratio Lower Upper  
278 100  
139 15.0 12.1 18.1  
279 23.5 19.6 29.4



#92  
Benzo(g,h,i)perylene  
Concen: 45.527 ng  
RT: 30.000 min Scan# 4601  
Delta R.T. -0.012 min  
Lab File: BP025835.D  
Acq: 23 Sep 2025 18:41

Tgt Ion:276 Resp: 2666848  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.7 28.1  
138 19.9 16.0 24.0



## Report of Analysis

|                    |                                 |                 |               |
|--------------------|---------------------------------|-----------------|---------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/19/25      |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25      |
| Client Sample ID:  | OR-500-COMP-40MSD               | SDG No.:        | Q3155         |
| Lab Sample ID:     | Q3153-05MSD                     | Matrix:         | SOIL          |
| Analytical Method: | 8270E                           | % Solid:        | 86.8          |
| Sample Wt/Vol:     | 50.06      Units: g             | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N                    | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541                          |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025836.D        | 1         | 09/22/25 09:30 | 09/23/25 19:22 | PB169774      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 1000    |           | 15.7     | 120        | ug/Kg             |
| 86-73-7                   | Fluorene               | 1000    |           | 17.5     | 120        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 1000    |           | 14.4     | 120        | ug/Kg             |
| 120-12-7                  | Anthracene             | 1100    |           | 23.0     | 120        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 1200    |           | 24.9     | 120        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 1100    |           | 15.9     | 120        | ug/Kg             |
| 218-01-9                  | Chrysene               | 1100    |           | 13.7     | 120        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 1100    |           | 13.1     | 120        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 1100    |           | 20.4     | 120        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 1100    |           | 20.1     | 120        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 1100    |           | 17.7     | 120        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 59.7    |           | 18 - 107 | 60%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 49.7    |           | 20 - 109 | 50%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 59.6    |           | 10 - 105 | 60%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 217000  | 7.749     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 953000  | 10.519    |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 680000  | 14.378    |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1330000 | 17.178    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 1030000 | 21.63     |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 1170000 | 24.983    |          |            |                   |

## Report of Analysis

|                    |                                 |                 |                              |
|--------------------|---------------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder                     | Date Collected: | 09/19/25                     |
| Project:           | Tanner G. Duckrey Public School | Date Received:  | 09/19/25                     |
| Client Sample ID:  | OR-500-COMP-40MSD               | SDG No.:        | Q3155                        |
| Lab Sample ID:     | Q3153-05MSD                     | Matrix:         | SOIL                         |
| Analytical Method: | 8270E                           | % Solid:        | 86.8                         |
| Sample Wt/Vol:     | 50.06      Units:    g          | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                              | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :    N                 | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0             | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                          |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP025836.D        | 1         | 09/22/25 09:30 | 09/23/25 19:22 | PB169774      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025836.D  
 Acq On : 23 Sep 2025 19:22  
 Operator : CG/JU  
 Sample : Q3153-05MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-500-COMP-40MSD

Quant Time: Sep 24 00:25:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.749  | 152  | 217289   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.519 | 136  | 953089   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.378 | 164  | 680180   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.178 | 188  | 1328394  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.630 | 240  | 1034217  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 24.983 | 264  | 1170740  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.384  | 112  | 1531231  | 113.706 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.955  | 99   | 2068358  | 115.554 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.896  | 82   | 1290830  | 59.742  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.895 | 330  | 873331   | 102.940 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.978 | 172  | 2540663  | 49.735  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.901 | 244  | 3425629  | 59.588  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.302  | 88   | 193313   | 34.203  | ng    | 98       |
| 3) Pyridine                   | 3.696  | 79   | 565406   | 36.330  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.602  | 42   | 307620   | 41.889  | ng    | 96       |
| 6) Aniline                    | 7.090  | 93   | 782642   | 31.852  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.331  | 128  | 763462   | 51.679  | ng    | 100      |
| 9) Benzaldehyde               | 6.902  | 77   | 441734   | 41.174  | ng    | 98       |
| 10) Phenol                    | 6.978  | 94   | 980277   | 51.938  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.178  | 93   | 700414   | 46.190  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.643  | 146  | 762912   | 45.374  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.784  | 146  | 781033   | 45.602  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.096  | 146  | 763926   | 45.913  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.996  | 79   | 720051   | 48.682  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.266  | 45   | 1139680  | 45.958  | ng    | 98       |
| 17) 2-Methylphenol            | 8.208  | 107  | 660395   | 51.898  | ng    | 98       |
| 18) Hexachloroethane          | 8.813  | 117  | 317661   | 48.557  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.549  | 70   | 592827   | 47.485  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.531  | 107  | 897449   | 50.359  | ng    | 98       |
| 22) Acetophenone              | 8.561  | 105  | 1285073  | 50.454  | ng    | # 99     |
| 24) Nitrobenzene              | 8.943  | 77   | 876654   | 45.227  | ng    | 99       |
| 25) Isophorone                | 9.460  | 82   | 1709367  | 45.010  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.643  | 139  | 434310   | 50.467  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.719  | 122  | 747285   | 49.497  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.931  | 93   | 1022801  | 46.591  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.196 | 162  | 783843   | 52.072  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.384 | 180  | 773723   | 45.607  | ng    | 99       |
| 31) Naphthalene               | 10.572 | 128  | 2335848  | 45.452  | ng    | 99       |
| 32) Benzoic acid              | 9.925  | 122  | 662628   | 59.033  | ng    | 99       |
| 33) 4-Chloroaniline           | 10.684 | 127  | 437777   | 20.438  | ng    | 100      |
| 34) Hexachlorobutadiene       | 10.849 | 225  | 493457   | 45.184  | ng    | 99       |
| 35) Caprolactam               | 11.496 | 113  | 283114   | 48.790  | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 11.831 | 107  | 898040   | 50.039  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.178 | 142  | 1573442  | 47.669  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.402 | 142  | 1642442  | 46.662  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.549 | 216  | 1049634  | 50.925  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.525 | 237  | 700371   | 62.390  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.807 | 196  | 675638   | 49.863  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092325\  
 Data File : BP025836.D  
 Acq On : 23 Sep 2025 19:22  
 Operator : CG/JU  
 Sample : Q3153-05MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-500-COMP-40MSD

Quant Time: Sep 24 00:25:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 2025  
 Response via : Initial Calibration

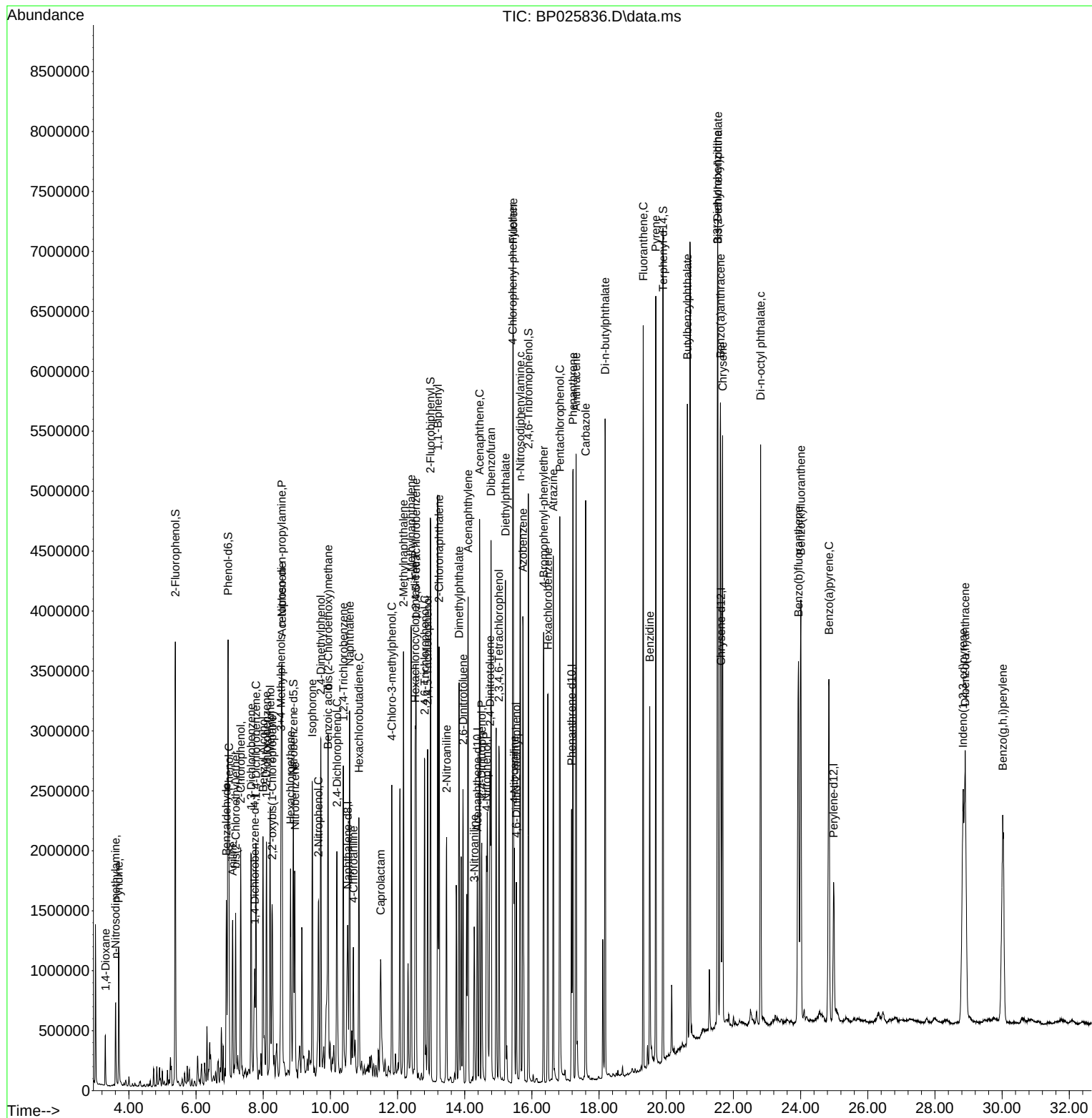
| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 12.896 | 196  | 744929   | 49.399 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.196 | 154  | 2502608  | 50.127 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.237 | 162  | 1830796  | 46.572 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.460 | 65   | 633517   | 48.344 | ng    | 95       |
| 49) Acenaphthylene             | 14.101 | 152  | 3070378  | 47.139 | ng    | 100      |
| 50) Dimethylphthalate          | 13.831 | 163  | 2353902  | 45.329 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.948 | 165  | 526872   | 47.889 | ng    | 97       |
| 52) Acenaphthene               | 14.443 | 154  | 1701595  | 45.300 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.284 | 138  | 379482   | 32.800 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.507 | 184  | 505801   | 71.269 | ng    | 98       |
| 55) Dibenzofuran               | 14.784 | 168  | 2764922  | 45.164 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.648 | 139  | 810918   | 81.313 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.754 | 165  | 761214   | 48.616 | ng    | 95       |
| 58) Fluorene                   | 15.443 | 166  | 2203790  | 45.270 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.019 | 232  | 654182   | 48.157 | ng    | 98       |
| 60) Diethylphthalate           | 15.213 | 149  | 2470212  | 46.895 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.431 | 204  | 1137004  | 46.344 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.478 | 138  | 539050   | 45.479 | ng    | 98       |
| 63) Azobenzene                 | 15.731 | 77   | 2639220  | 51.818 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.537 | 198  | 367242   | 41.570 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.654 | 169  | 2015521  | 49.580 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.348 | 248  | 749563   | 51.363 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.478 | 284  | 805838   | 49.516 | ng    | 94       |
| 69) Atrazine                   | 16.637 | 200  | 765489   | 49.262 | ng    | 99       |
| 70) Pentachlorophenol          | 16.831 | 266  | 958569   | 89.244 | ng    | 99       |
| 71) Phenanthrene               | 17.225 | 178  | 3381879  | 44.880 | ng    | 100      |
| 72) Anthracene                 | 17.319 | 178  | 3509419  | 45.901 | ng    | 100      |
| 73) Carbazole                  | 17.601 | 167  | 3104556  | 43.676 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.178 | 149  | 4348685  | 49.853 | ng    | 100      |
| 75) Fluoranthene               | 19.313 | 202  | 3610257  | 39.948 | ng    | 99       |
| 77) Benzidine                  | 19.507 | 184  | 1934401  | 64.932 | ng    | 100      |
| 78) Pyrene                     | 19.689 | 202  | 3582986  | 51.921 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.630 | 149  | 1718336  | 56.790 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.613 | 228  | 3331030  | 47.046 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.525 | 252  | 1065724  | 43.531 | ng    | 99       |
| 83) Chrysene                   | 21.677 | 228  | 3150883  | 46.684 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha...  | 21.536 | 149  | 2446096  | 55.257 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.807 | 149  | 4183044  | 53.122 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.836 | 276  | 4079428  | 47.915 | ng    | # 77     |
| 88) Benzo(b)fluoranthene       | 23.936 | 252  | 3326956  | 46.470 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.007 | 252  | 3429343  | 46.941 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.842 | 252  | 3246023  | 46.298 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.901 | 278  | 3357344  | 48.188 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.018 | 276  | 3268828  | 47.708 | ng    | 99       |

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

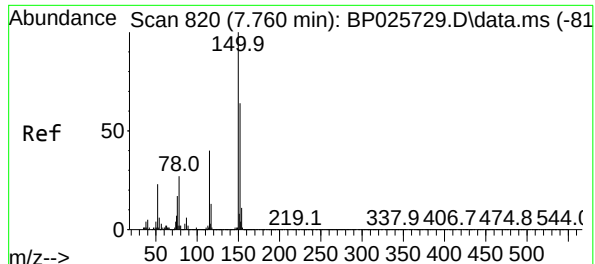
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Data File : BP025836.D  
Acq On    : 23 Sep 2025  19:22  
Operator  : CG/JU  
Sample    : Q3153-05MSD  
Misc      :  
ALS Vial  : 14    Sample Multiplier: 1
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**Instrument :**  
BNA\_P  
**ClientSampleId :**  
OR-500-COMP-40MSD

Quant Time: Sep 24 00:25:50 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 16:45:04 2025  
Response via : Initial Calibration



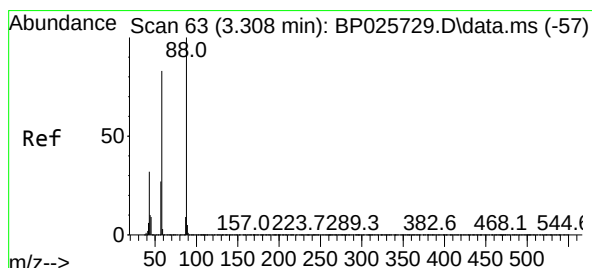
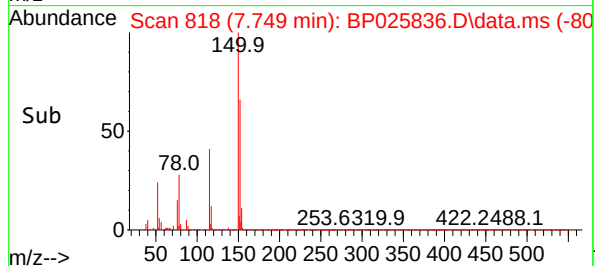
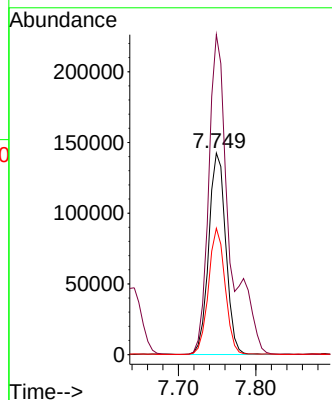
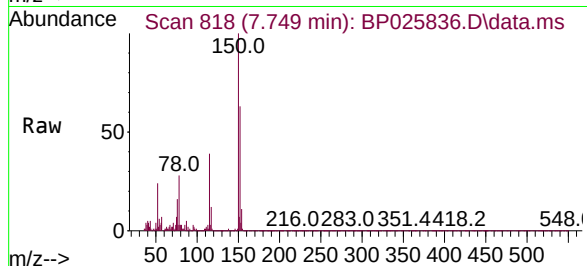




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.749 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

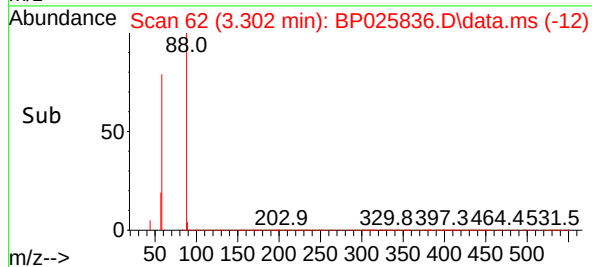
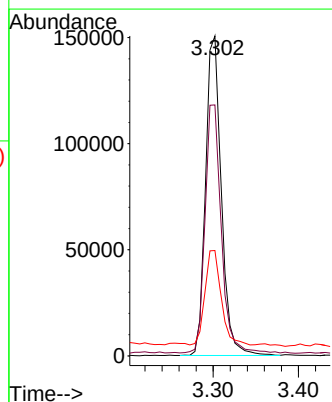
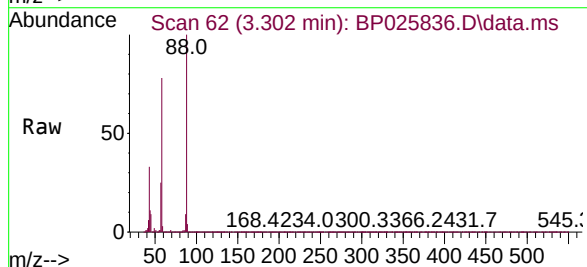
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

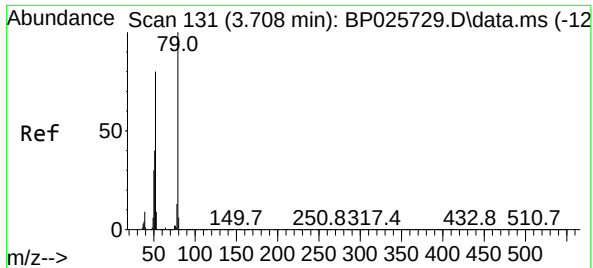
Tgt Ion:152 Resp: 217289  
Ion Ratio Lower Upper  
152 100  
150 158.8 124.3 186.5  
115 62.7 50.3 75.5



#2  
1,4-Dioxane  
Concen: 34.203 ng  
RT: 3.302 min Scan# 62  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion: 88 Resp: 193313  
Ion Ratio Lower Upper  
88 100  
58 80.5 65.5 98.3  
43 30.4 25.2 37.8

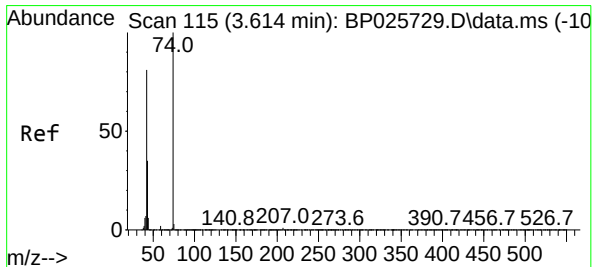
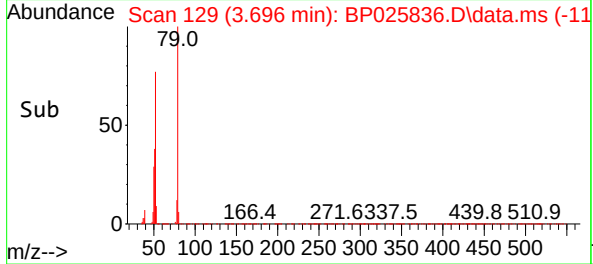
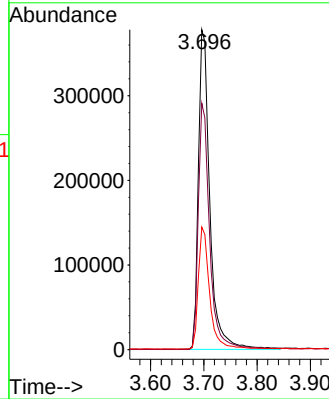
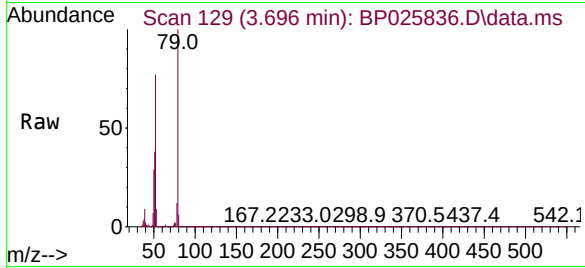




#3  
Pyridine  
Concen: 36.330 ng  
RT: 3.696 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

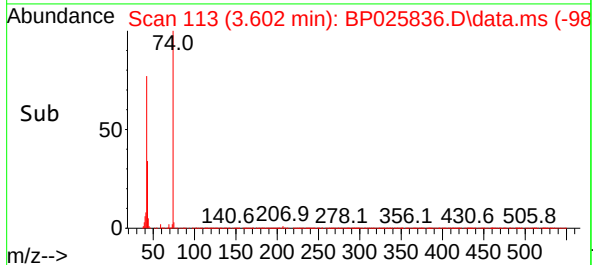
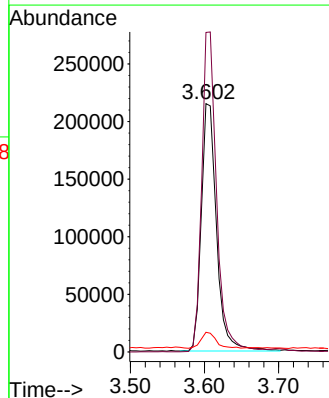
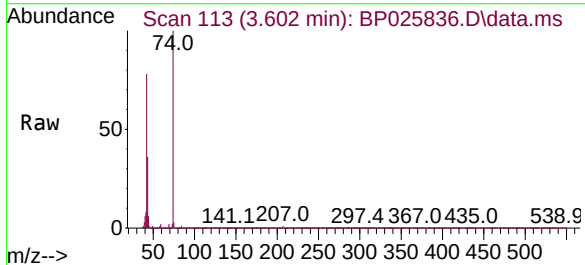
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

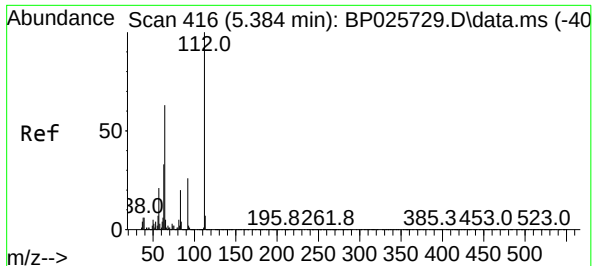
Tgt Ion: 79 Resp: 565406  
Ion Ratio Lower Upper  
79 100  
52 77.0 63.7 95.5  
51 38.3 32.4 48.6



#4  
n-Nitrosodimethylamine  
Concen: 41.889 ng  
RT: 3.602 min Scan# 113  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion: 42 Resp: 307620  
Ion Ratio Lower Upper  
42 100  
74 128.6 99.2 148.8  
44 7.9 6.4 9.6

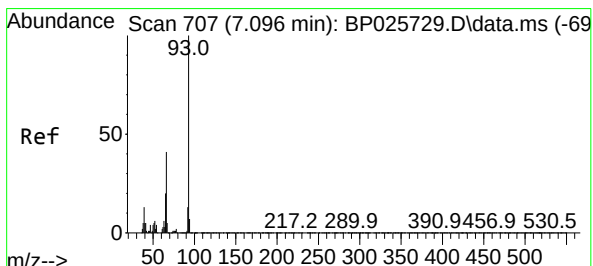
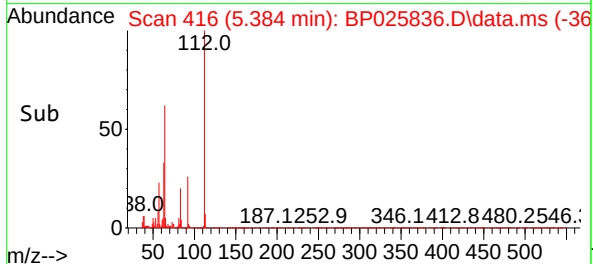
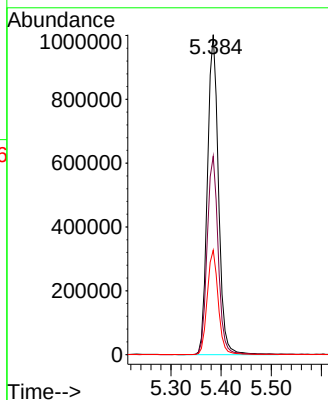
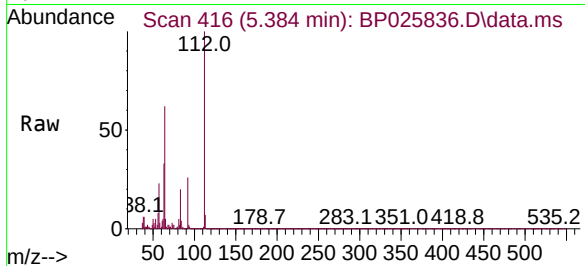




#5  
2-Fluorophenol  
Concen: 113.706 ng  
RT: 5.384 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

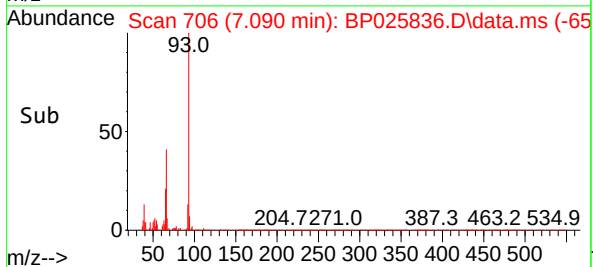
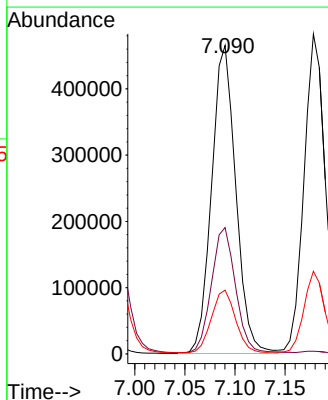
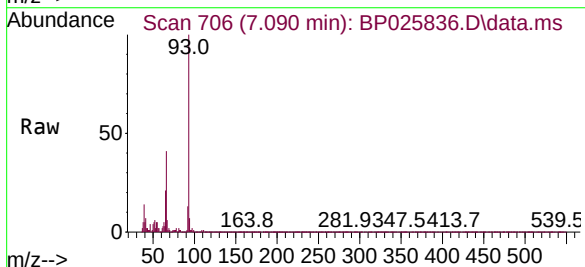
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BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

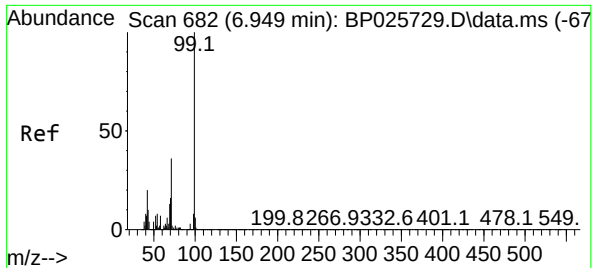
Tgt Ion:112 Resp: 1531231  
Ion Ratio Lower Upper  
112 100  
64 62.0 50.2 75.4  
63 32.6 26.7 40.1



#6  
Aniline  
Concen: 31.852 ng  
RT: 7.090 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion: 93 Resp: 782642  
Ion Ratio Lower Upper  
93 100  
66 40.9 32.6 49.0  
65 20.7 16.2 24.2

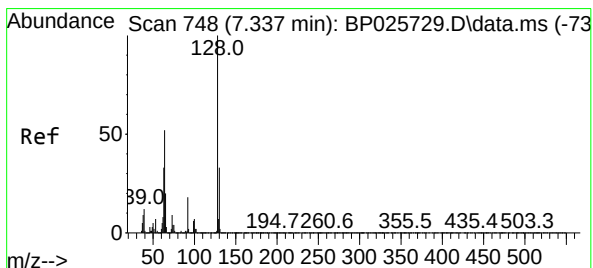
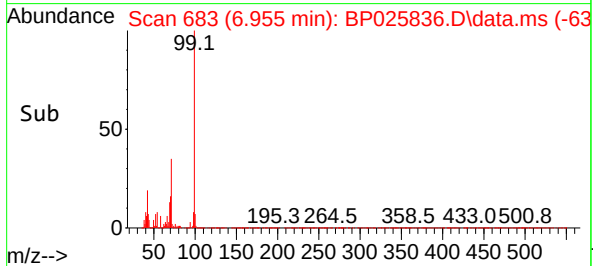
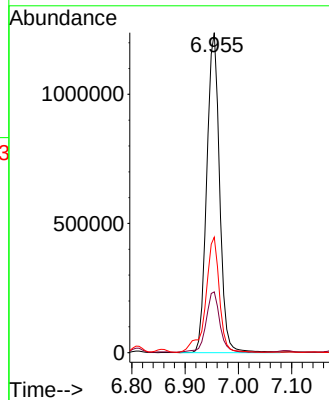
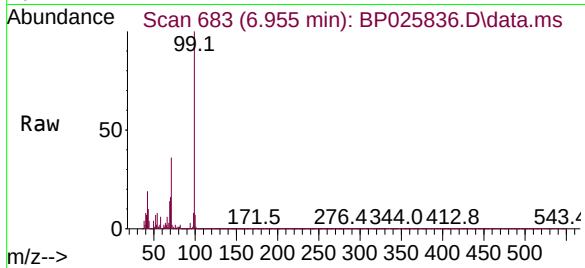




#7  
Phenol-d6  
Concen: 115.554 ng  
RT: 6.955 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

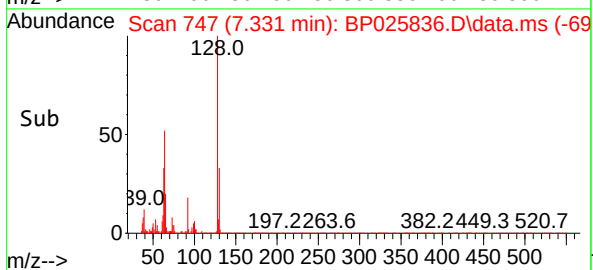
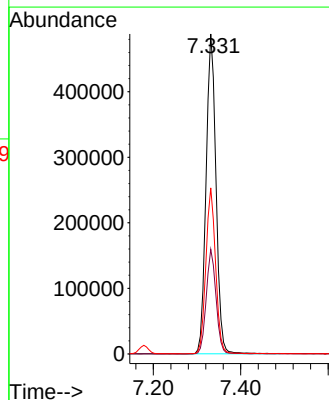
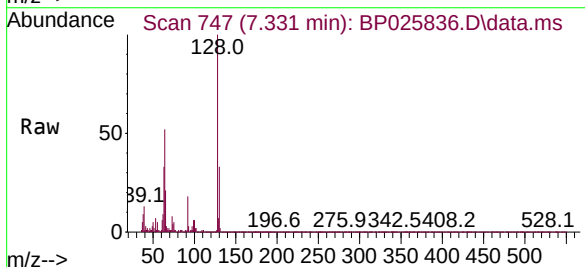
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

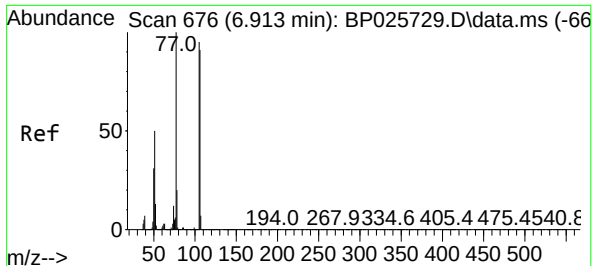
Tgt Ion: 99 Resp: 2068358  
Ion Ratio Lower Upper  
99 100  
42 19.0 15.6 23.4  
71 36.1 28.6 43.0



#8  
2-Chlorophenol  
Concen: 51.679 ng  
RT: 7.331 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion: 128 Resp: 763462  
Ion Ratio Lower Upper  
128 100  
130 32.7 12.6 52.6  
64 51.9 31.6 71.6

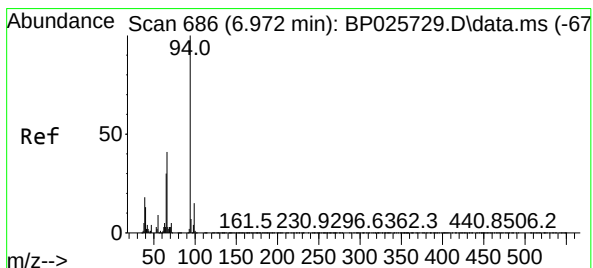
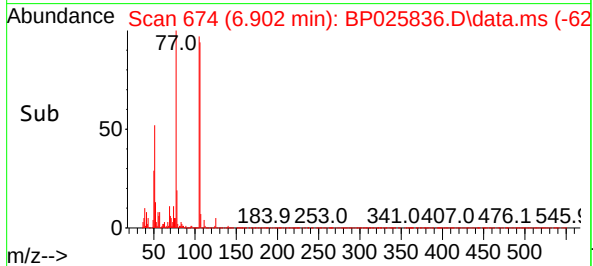
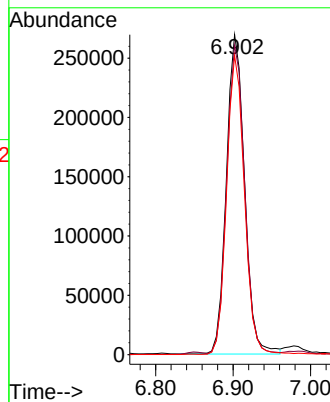
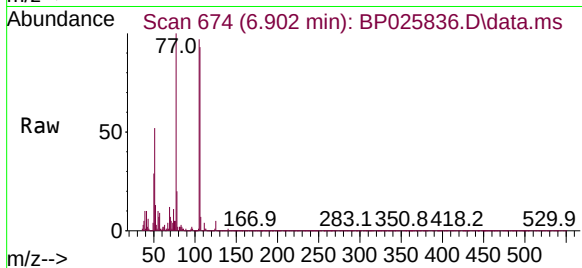




#9  
Benzaldehyde  
Concen: 41.174 ng  
RT: 6.902 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

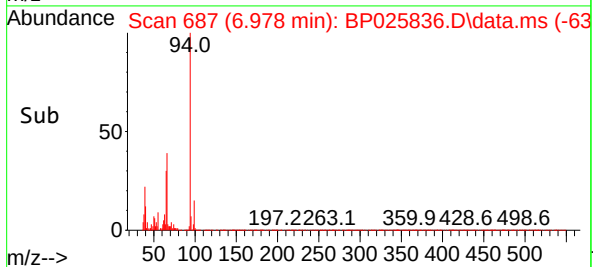
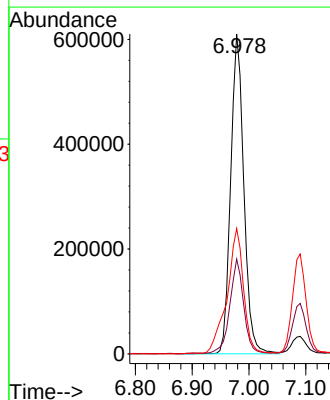
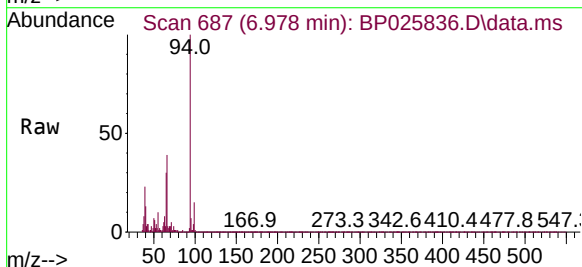
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

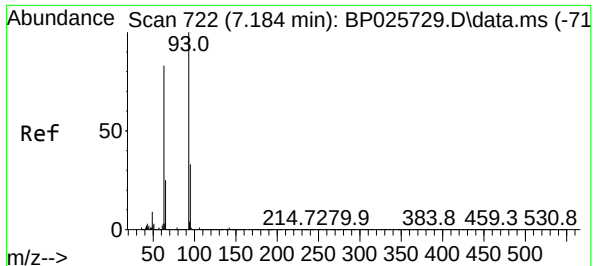
Tgt Ion: 77 Resp: 441734  
Ion Ratio Lower Upper  
77 100  
105 96.7 75.2 115.2  
106 93.4 71.3 111.3



#10  
Phenol  
Concen: 51.938 ng  
RT: 6.978 min Scan# 687  
Delta R.T. 0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion: 94 Resp: 980277  
Ion Ratio Lower Upper  
94 100  
65 29.6 10.2 50.2  
66 39.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 46.190 ng

RT: 7.178 min Scan# 71

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

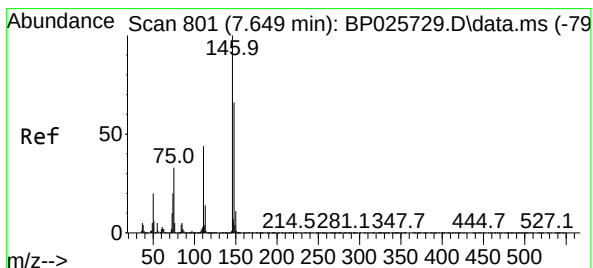
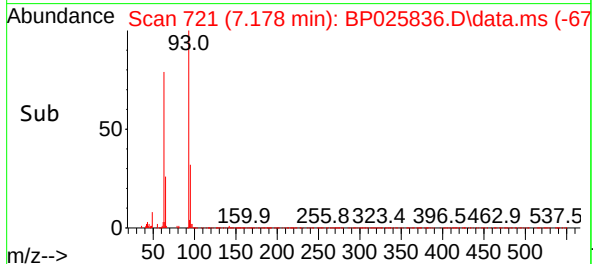
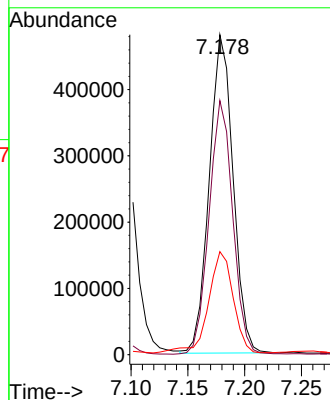
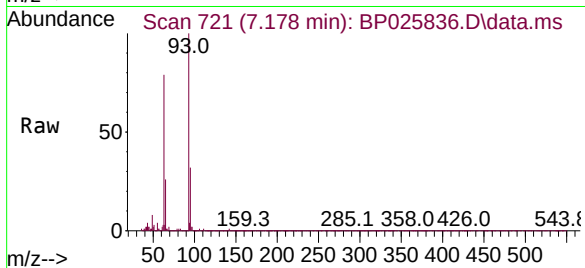
Tgt Ion: 93 Resp: 700414

Ion Ratio Lower Upper

93 100

63 79.4 62.6 102.6

95 32.2 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 45.374 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

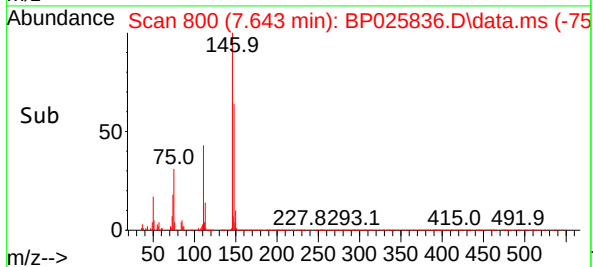
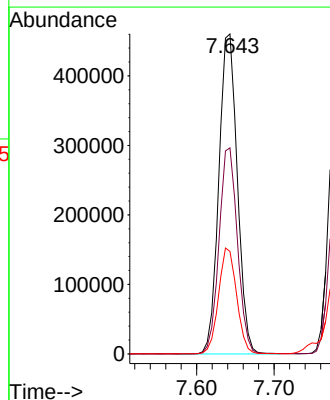
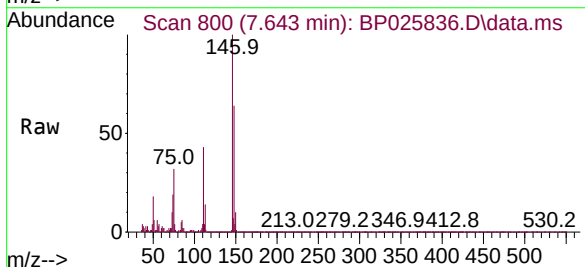
Tgt Ion: 146 Resp: 762912

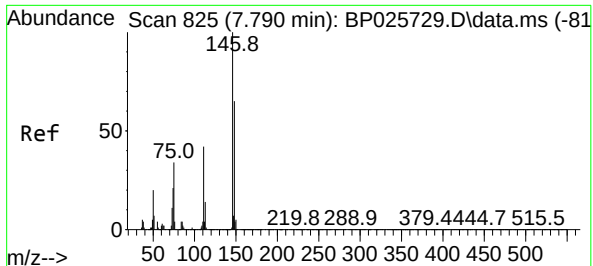
Ion Ratio Lower Upper

146 100

148 64.4 52.7 79.1

75 32.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 45.602 ng

RT: 7.784 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

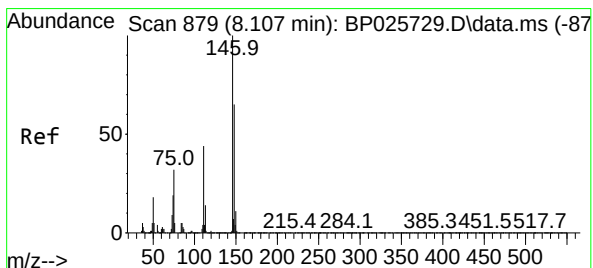
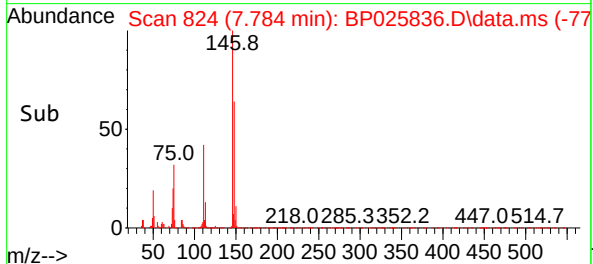
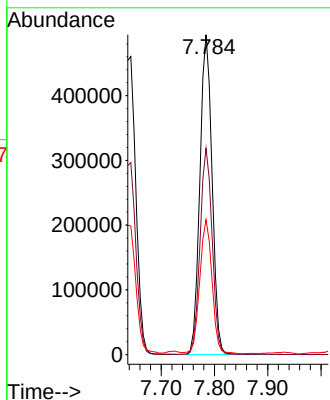
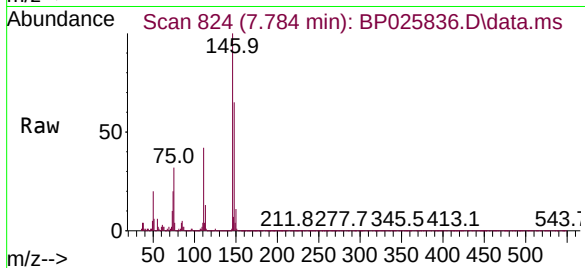
Tgt Ion:146 Resp: 781033

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

111 42.2 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 45.913 ng

RT: 8.096 min Scan# 877

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

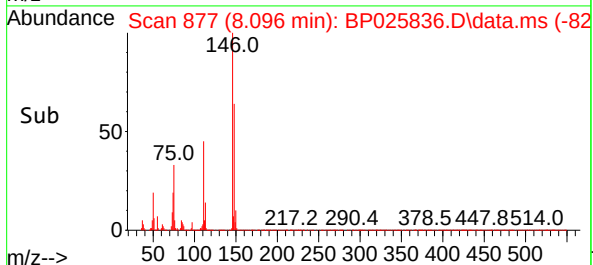
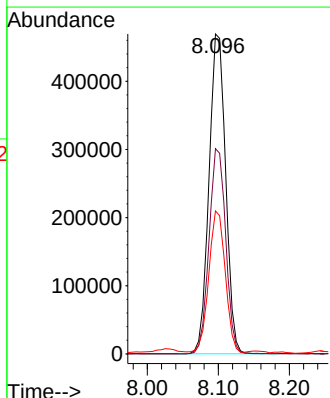
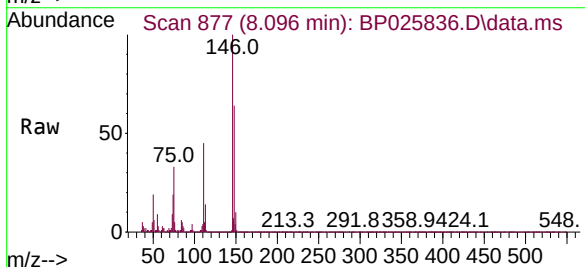
Tgt Ion:146 Resp: 763926

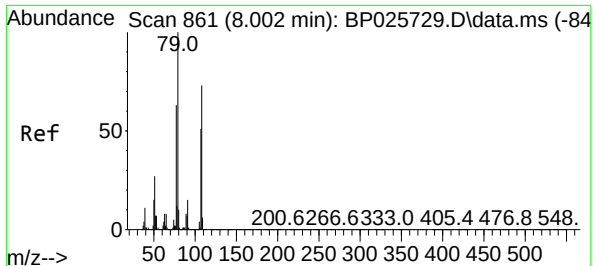
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

111 44.7 35.5 53.3





#15

Benzyl Alcohol

Concen: 48.682 ng

RT: 7.996 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

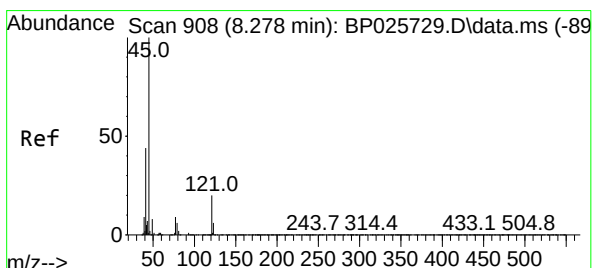
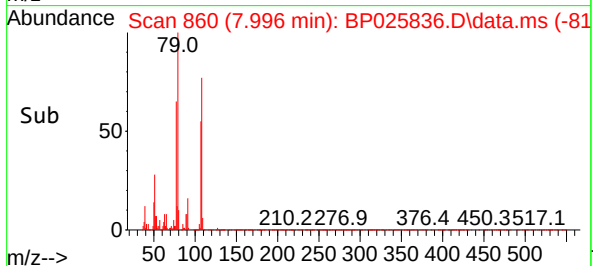
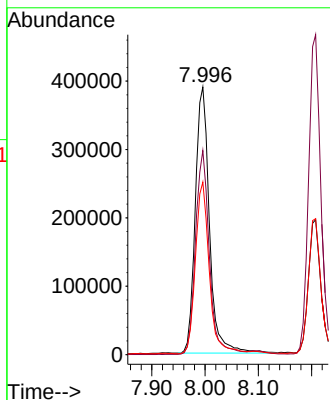
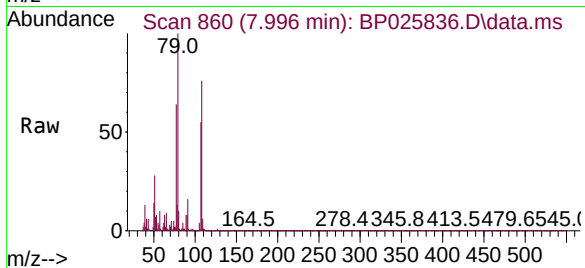
Tgt Ion: 79 Resp: 720051

Ion Ratio Lower Upper

79 100

108 76.3 58.7 88.1

77 64.5 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.958 ng

RT: 8.266 min Scan# 906

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

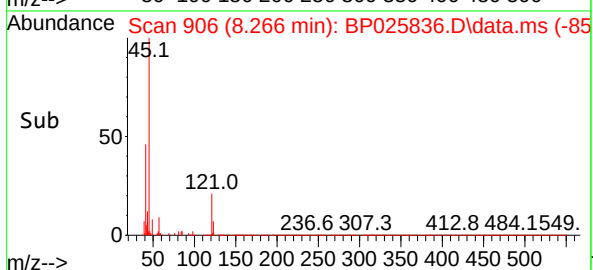
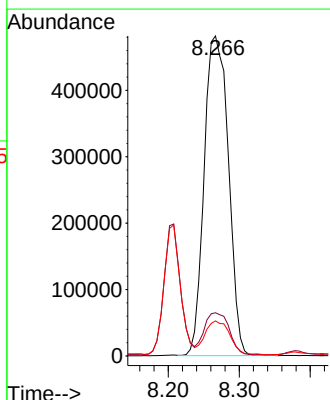
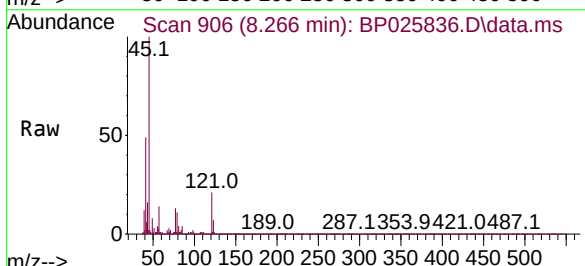
Tgt Ion: 45 Resp: 1139680

Ion Ratio Lower Upper

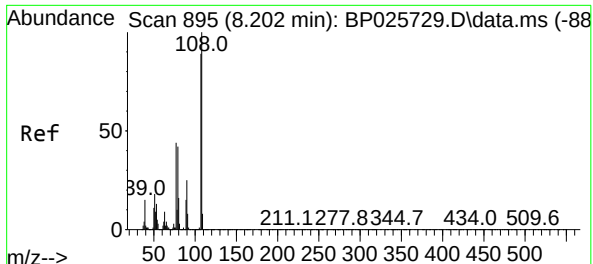
45 100

77 13.5 0.0 33.1

79 10.9 0.0 30.0



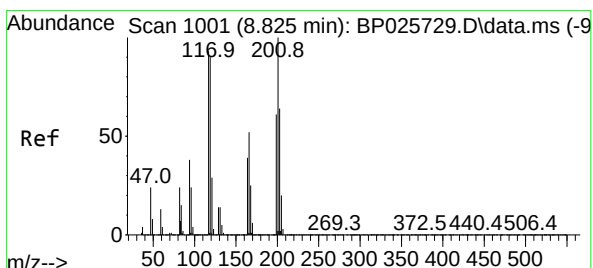
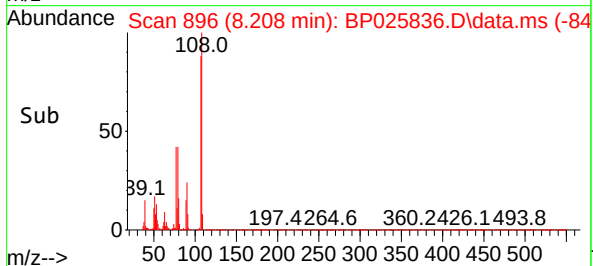
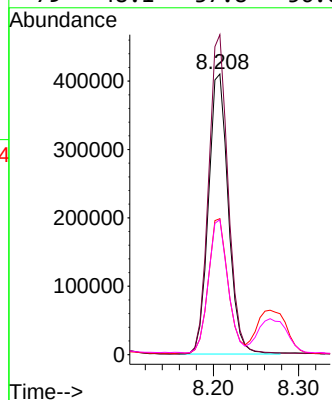
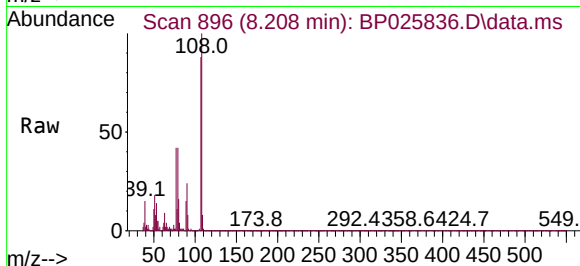




#17  
2-Methylphenol  
Concen: 51.898 ng  
RT: 8.208 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

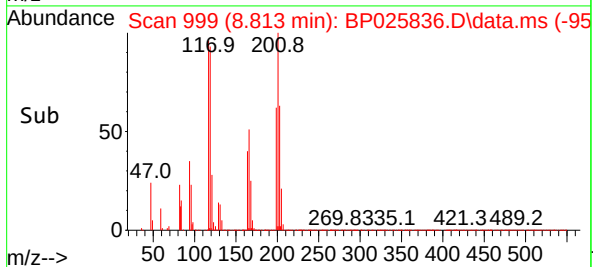
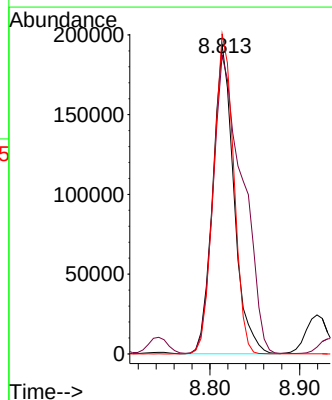
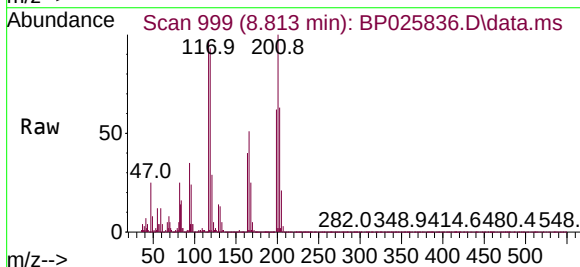
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

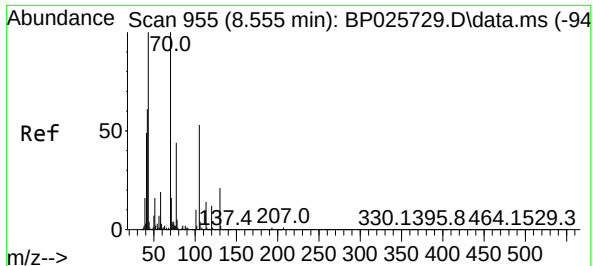
Tgt Ion:107 Resp: 660395  
Ion Ratio Lower Upper  
107 100  
108 114.0 89.6 134.4  
77 48.4 39.3 58.9  
79 48.1 37.8 56.6



#18  
Hexachloroethane  
Concen: 48.557 ng  
RT: 8.813 min Scan# 999  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:117 Resp: 317661  
Ion Ratio Lower Upper  
117 100  
119 96.5 77.1 115.7  
201 103.5 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 47.485 ng

RT: 8.549 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025836.D

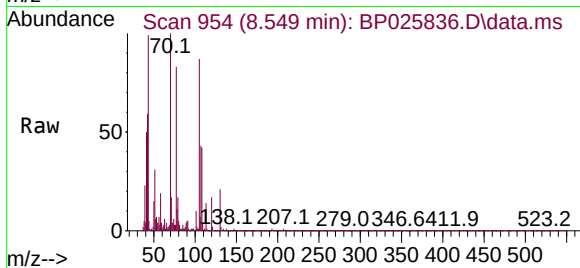
Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD



Tgt Ion: 70 Resp: 592827

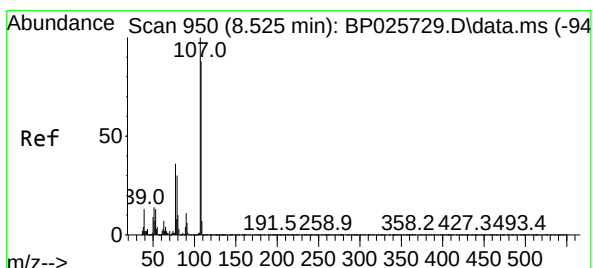
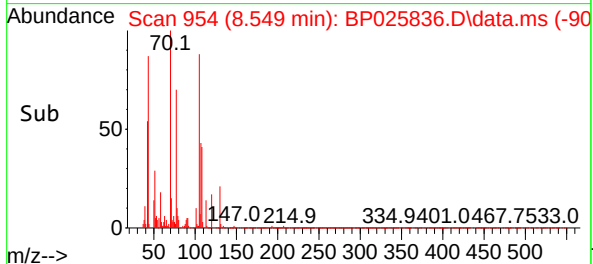
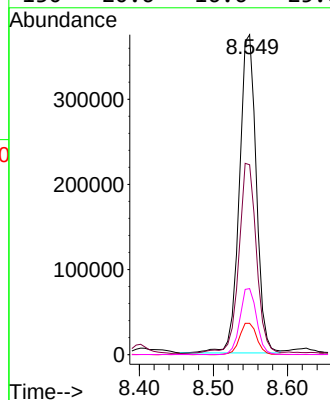
Ion Ratio Lower Upper

70 100

42 59.3 49.0 73.4

101 9.8 7.9 11.9

130 20.6 16.6 25.0



#20

3+4-Methylphenols

Concen: 50.359 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Tgt Ion: 107 Resp: 897449

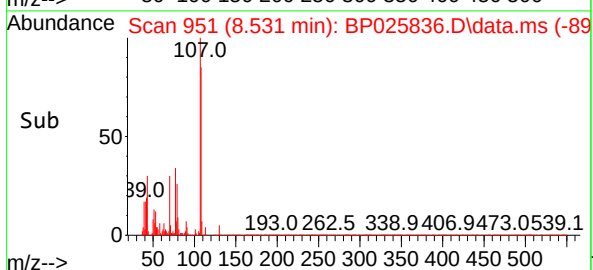
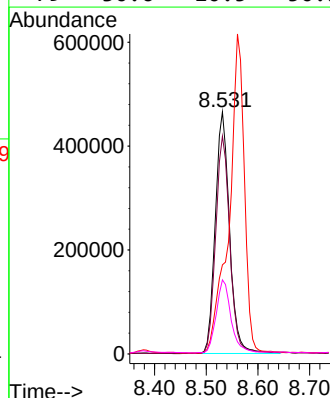
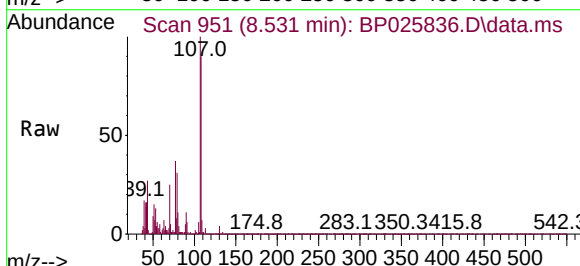
Ion Ratio Lower Upper

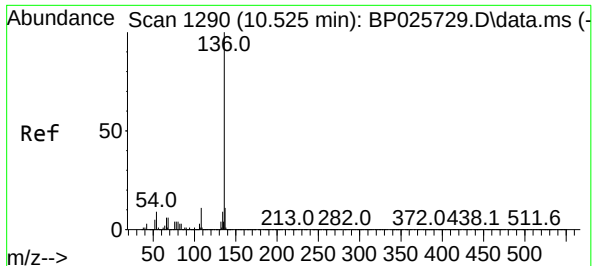
107 100

108 89.9 67.8 107.8

77 36.8 16.1 56.1

79 30.6 10.5 50.5

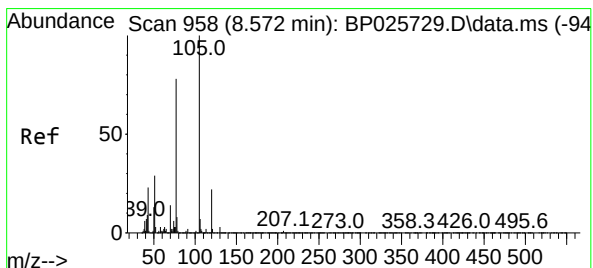
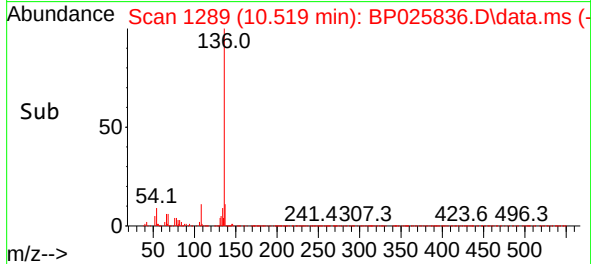
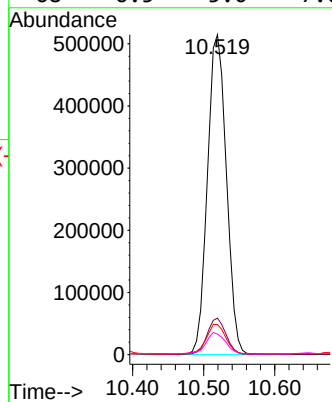
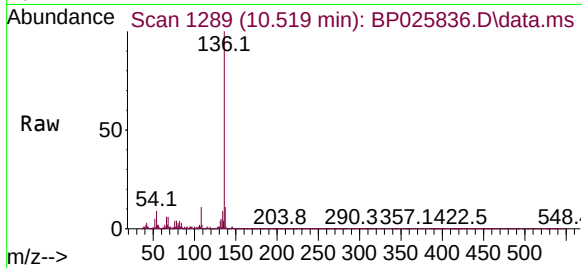




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.519 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

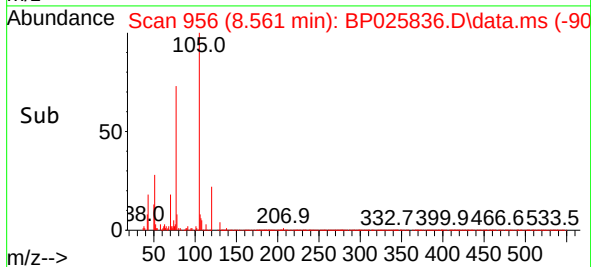
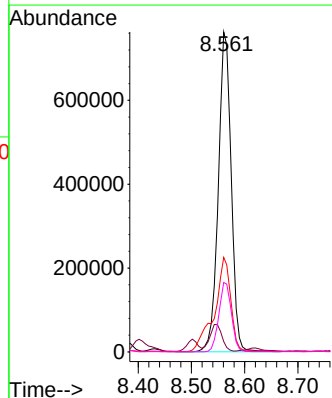
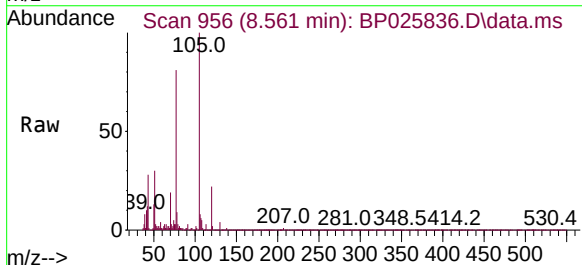
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

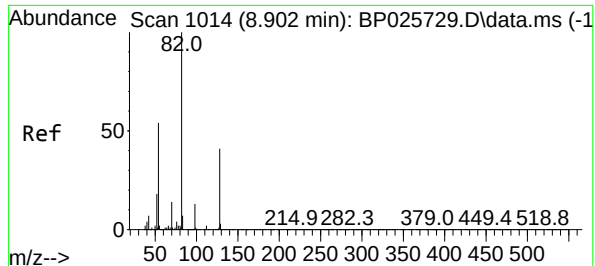
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.4  | 8.7   | 13.1  |
| 54      | 9.4   | 7.5   | 11.3  |
| 68      | 6.5   | 5.0   | 7.6   |



#22  
Acetophenone  
Concen: 50.454 ng  
RT: 8.561 min Scan# 956  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 3.2   | 1.8   | 2.8   |
| 51      | 29.5  | 23.5  | 35.3  |
| 120     | 21.7  | 17.7  | 26.5  |





#23

Nitrobenzene-d5

Concen: 59.742 ng

RT: 8.896 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

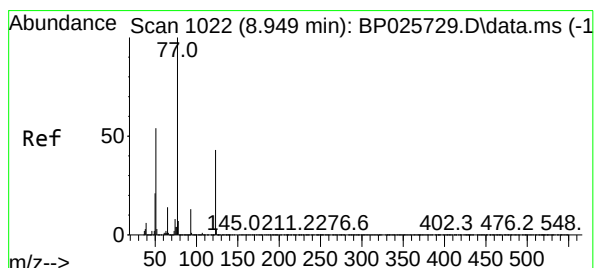
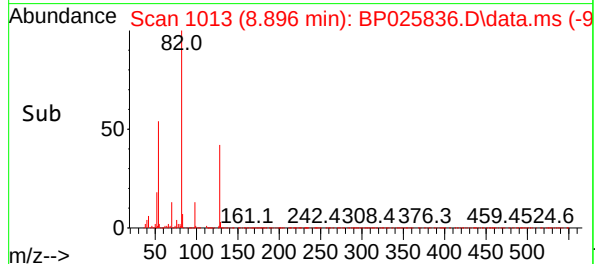
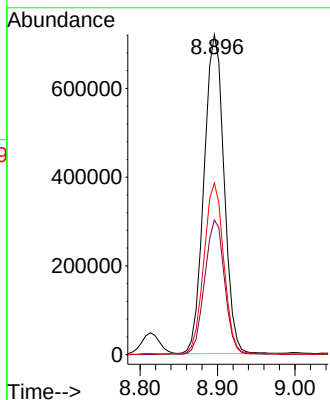
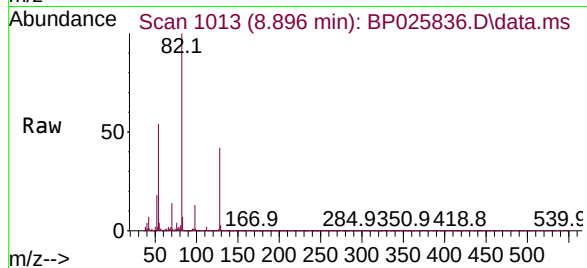
Tgt Ion: 82 Resp: 1290830

Ion Ratio Lower Upper

82 100

128 42.1 32.9 49.3

54 53.6 43.4 65.2



#24

Nitrobenzene

Concen: 45.227 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

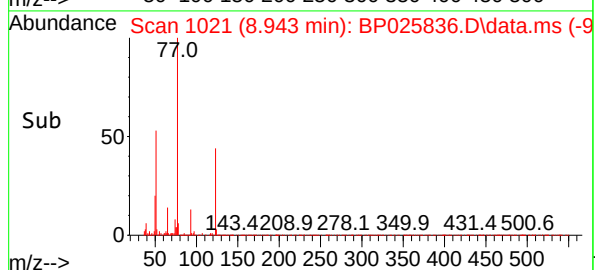
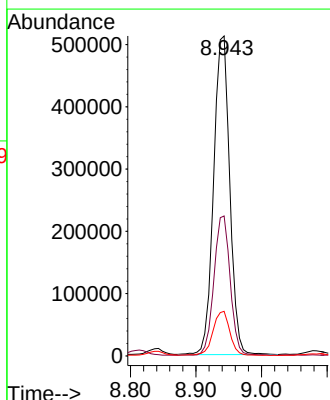
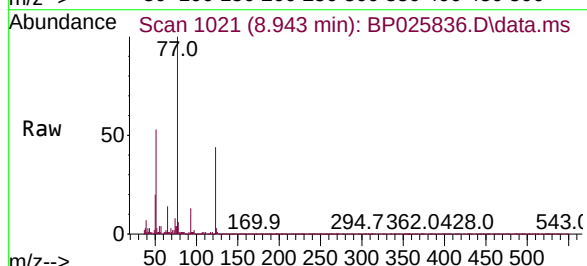
Tgt Ion: 77 Resp: 876654

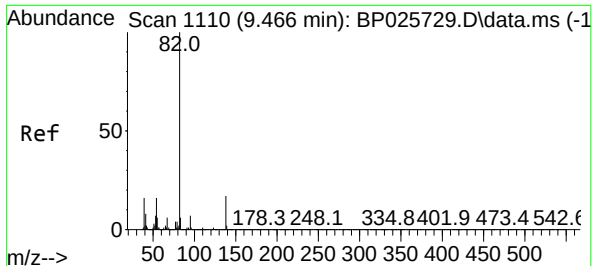
Ion Ratio Lower Upper

77 100

123 43.7 34.4 51.6

65 13.9 10.8 16.2

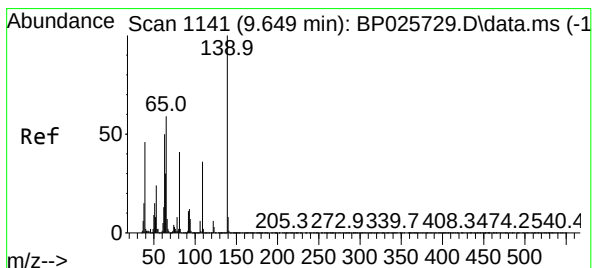
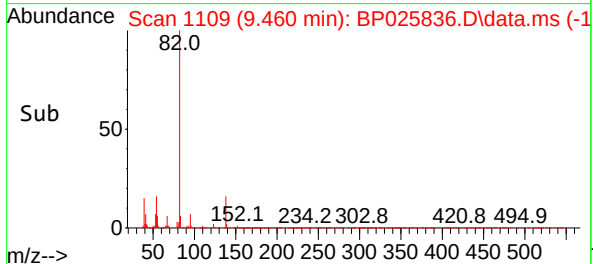
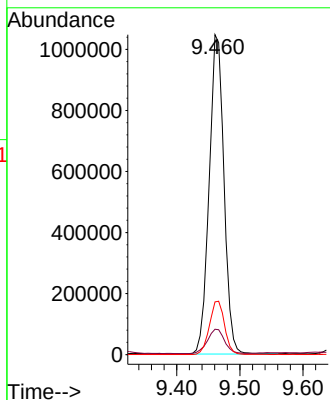
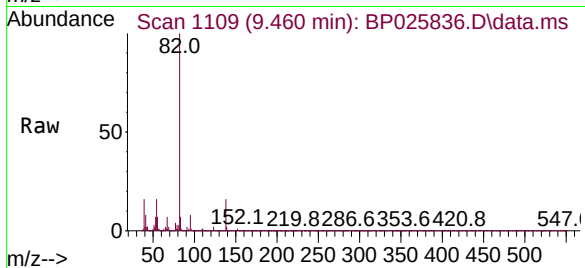




#25  
Isophorone  
Concen: 45.010 ng  
RT: 9.460 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

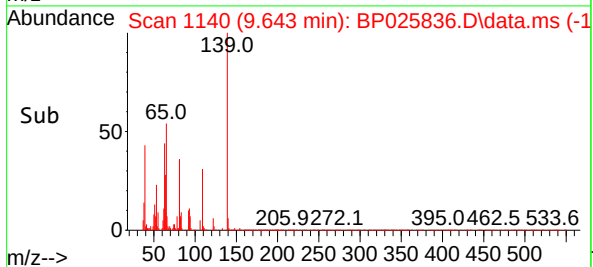
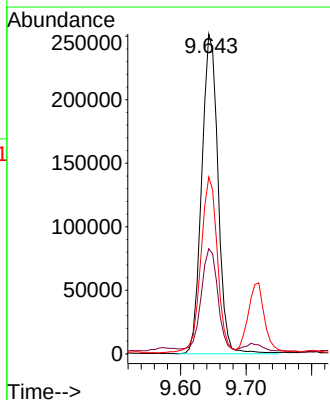
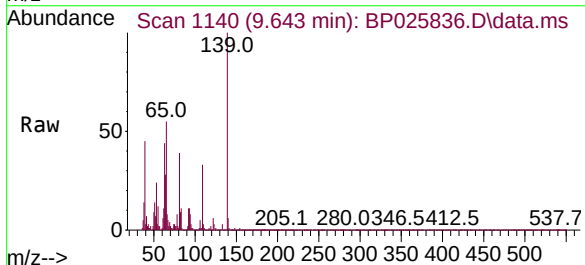
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

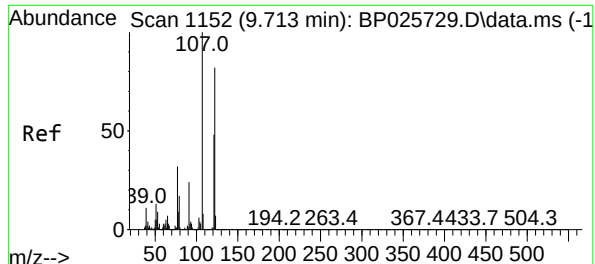
Tgt Ion: 82 Resp: 1709367  
Ion Ratio Lower Upper  
82 100  
95 7.9 5.8 8.8  
138 16.5 13.5 20.3



#26  
2-Nitrophenol  
Concen: 50.467 ng  
RT: 9.643 min Scan# 1140  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion: 139 Resp: 434310  
Ion Ratio Lower Upper  
139 100  
109 32.9 29.0 43.4  
65 55.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 49.497 ng

RT: 9.719 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

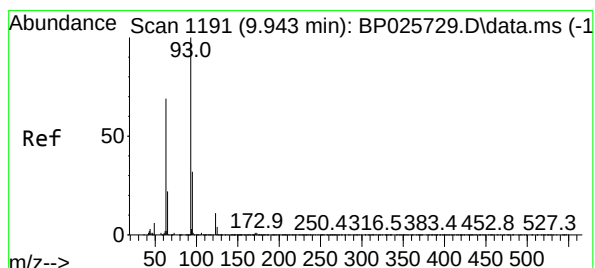
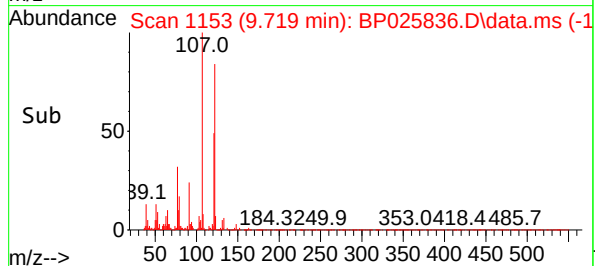
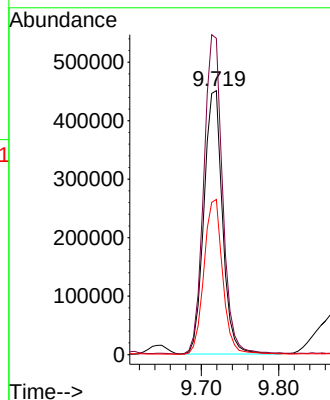
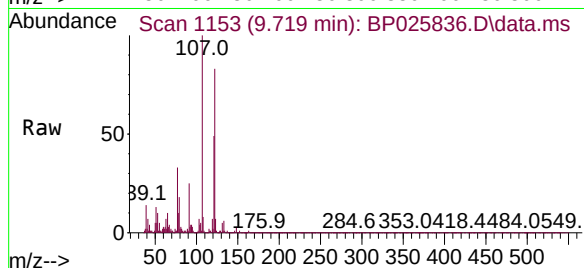
Tgt Ion:122 Resp: 747285

Ion Ratio Lower Upper

122 100

107 119.8 97.9 146.9

121 58.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.591 ng

RT: 9.931 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

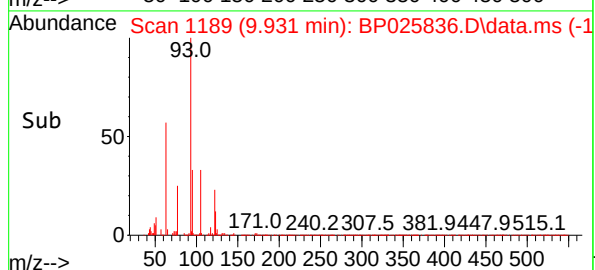
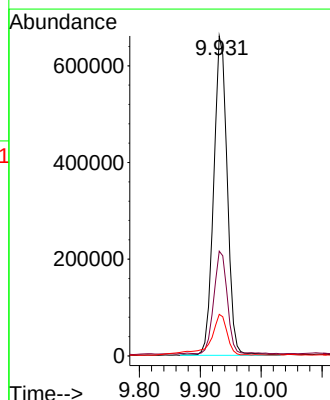
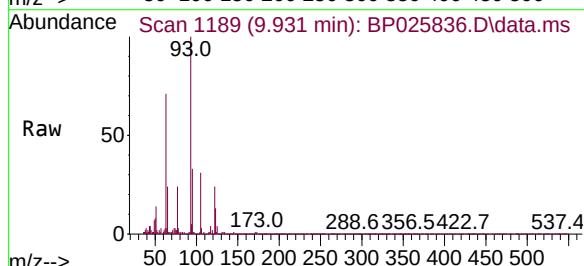
Tgt Ion: 93 Resp: 1022801

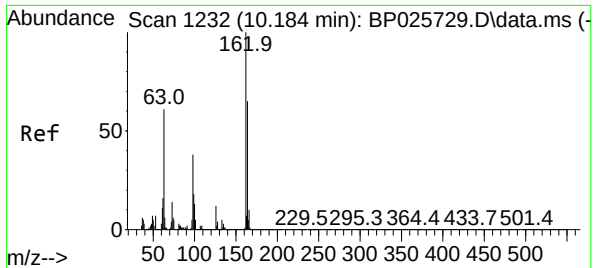
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

123 13.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 52.072 ng

RT: 10.196 min Scan# 1232

Delta R.T. 0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

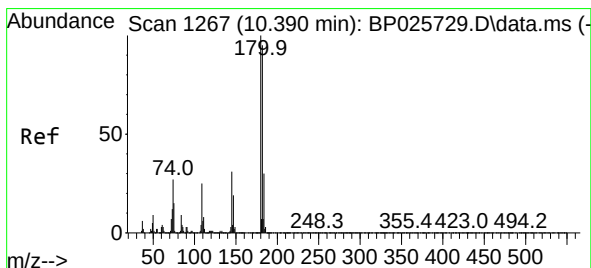
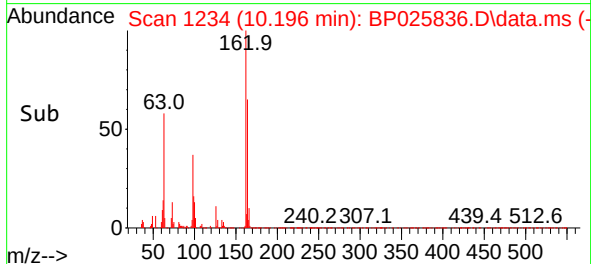
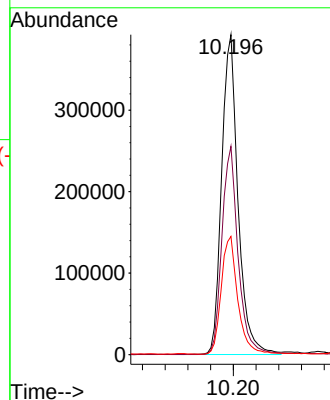
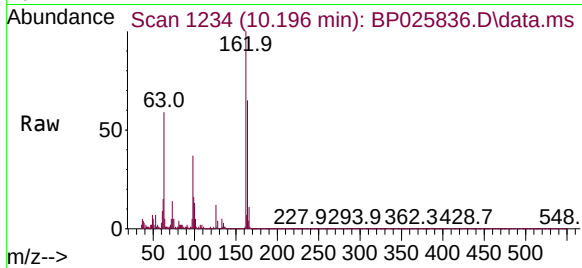
Tgt Ion:162 Resp: 783843

Ion Ratio Lower Upper

162 100

164 65.1 44.7 84.7

98 36.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.607 ng

RT: 10.384 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

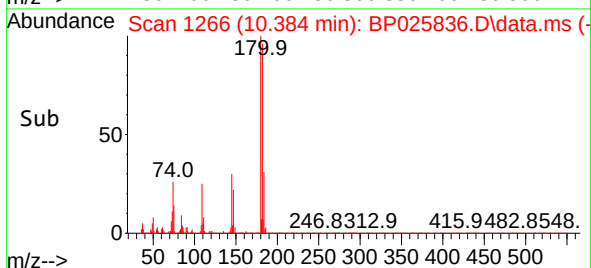
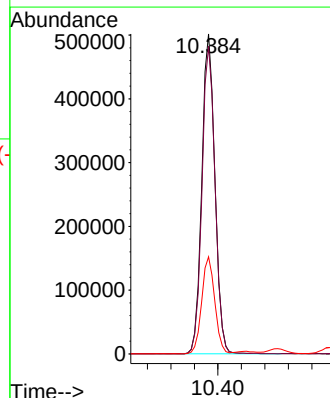
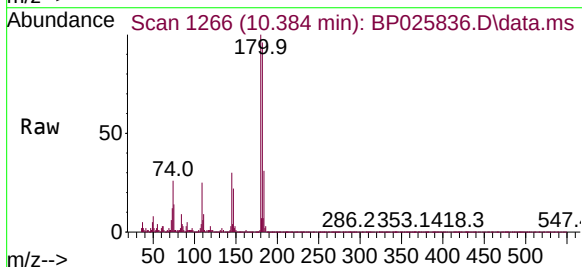
Tgt Ion:180 Resp: 773723

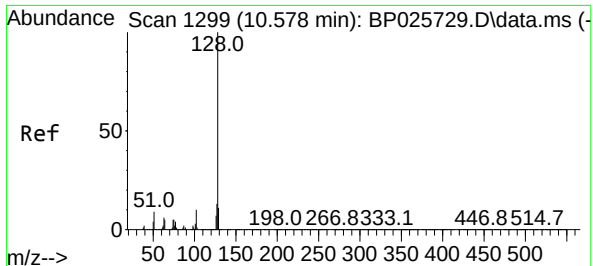
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 30.3 24.7 37.1

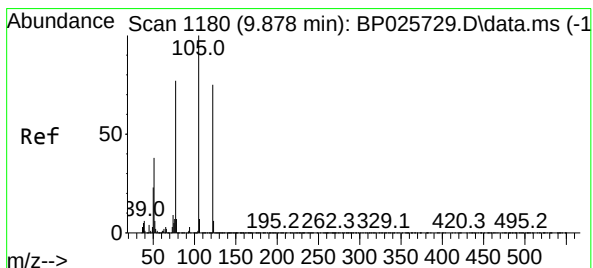
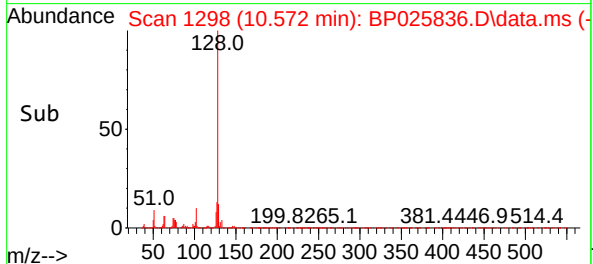
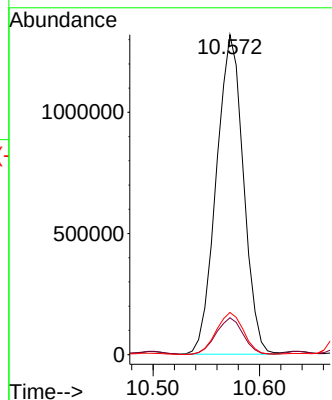
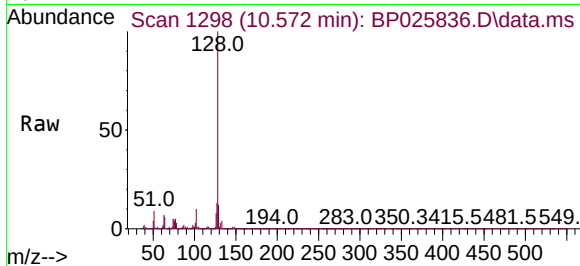




#31  
Naphthalene  
Concen: 45.452 ng  
RT: 10.572 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

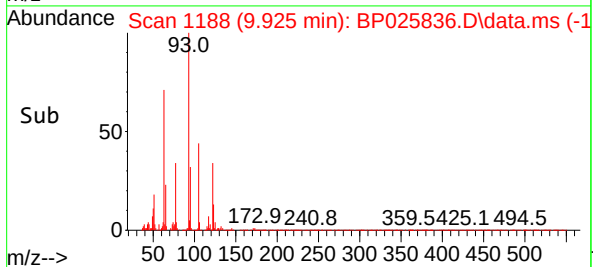
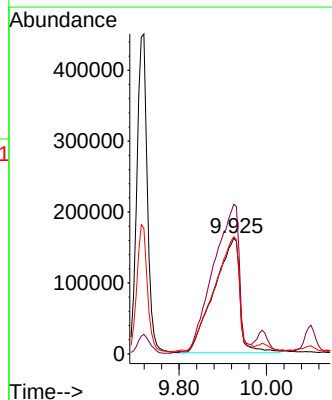
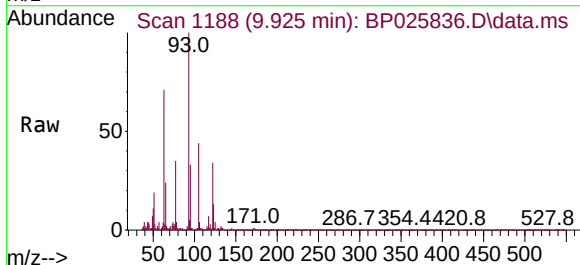
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

Tgt Ion:128 Resp: 2335848  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.6 12.8  
127 13.2 10.2 15.4

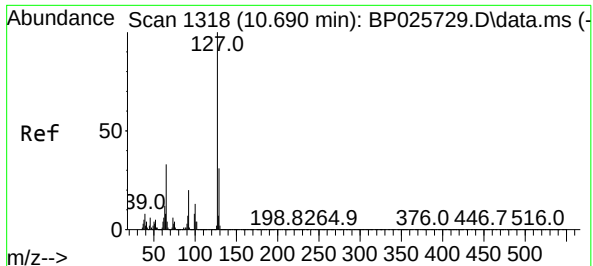


#32  
Benzoic acid  
Concen: 59.033 ng  
RT: 9.925 min Scan# 1188  
Delta R.T. 0.047 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:122 Resp: 662628  
Ion Ratio Lower Upper  
122 100  
105 129.2 111.5 151.5  
77 101.1 81.8 121.8



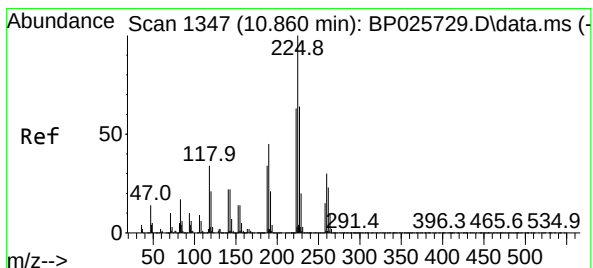
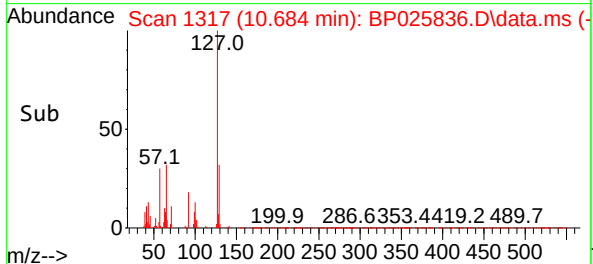
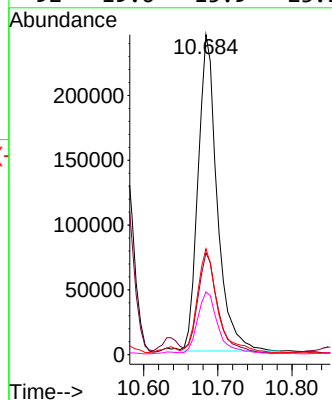
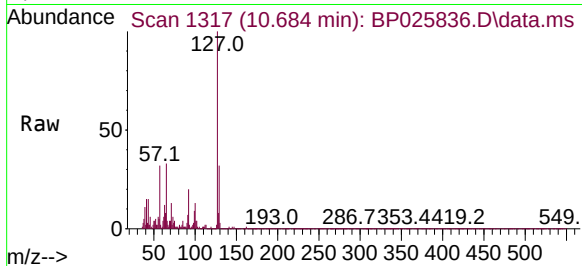




#33  
4-Chloroaniline  
Concen: 20.438 ng  
RT: 10.684 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

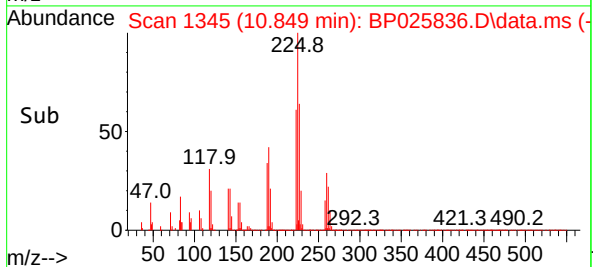
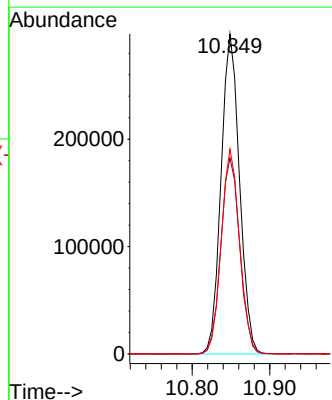
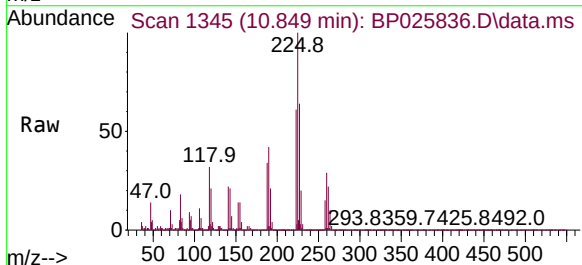
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

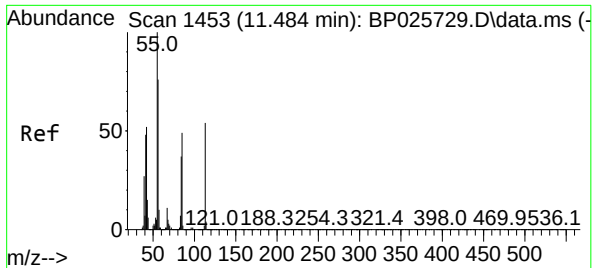
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 437777 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.8  | 25.1  | 37.7   |
| 65       | 33.1  | 26.4  | 39.6   |
| 92       | 19.6  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 45.184 ng  
RT: 10.849 min Scan# 1345  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 493457 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.2  | 50.1  | 75.1   |
| 227      | 64.0  | 51.2  | 76.8   |

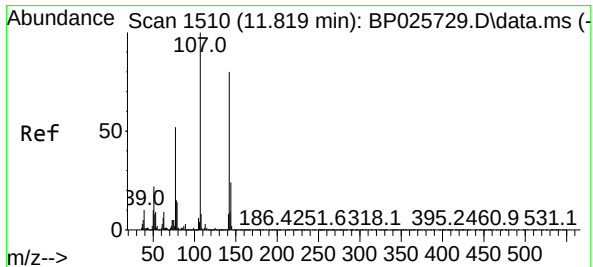
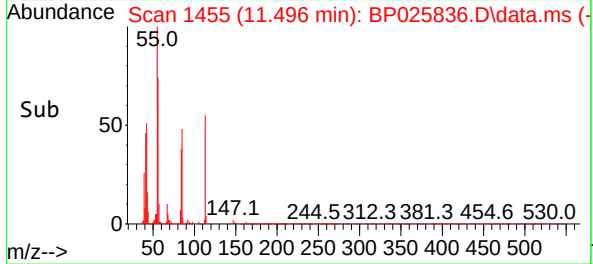
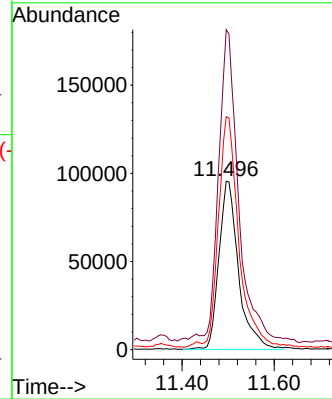
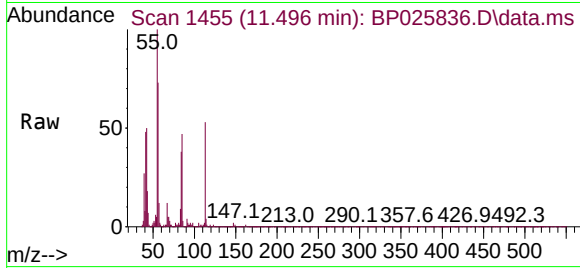




#35  
Caprolactam  
Concen: 48.790 ng  
RT: 11.496 min Scan# 1455  
Delta R.T. 0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

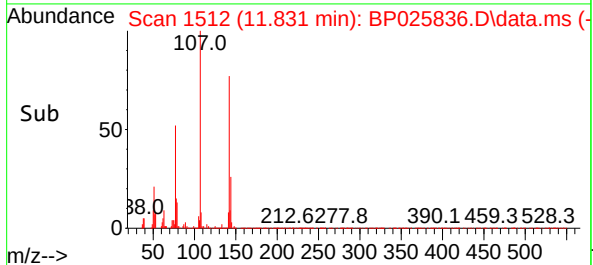
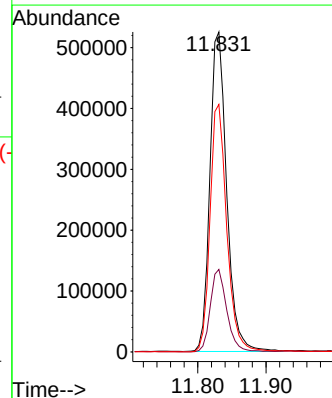
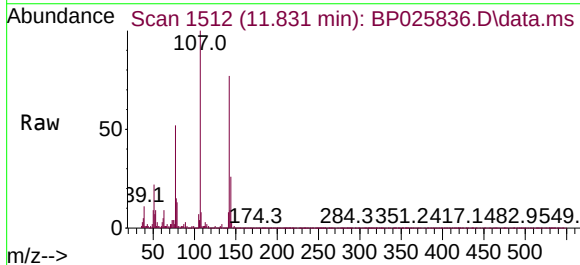
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

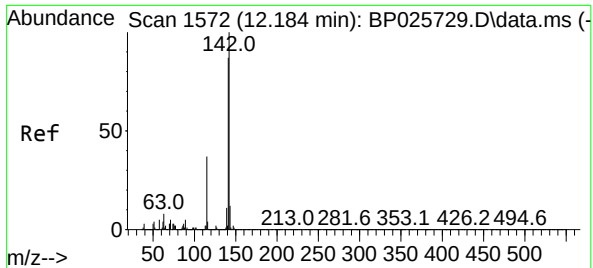
Tgt Ion:113 Resp: 283114  
Ion Ratio Lower Upper  
113 100  
55 190.0 165.5 205.5  
56 138.3 121.1 161.1



#36  
4-Chloro-3-methylphenol  
Concen: 50.039 ng  
RT: 11.831 min Scan# 1512  
Delta R.T. 0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:107 Resp: 898040  
Ion Ratio Lower Upper  
107 100  
144 25.8 19.4 29.2  
142 77.3 63.8 95.6

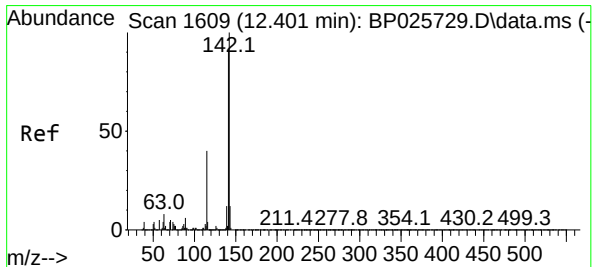
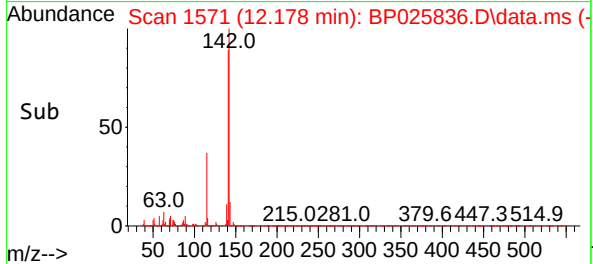
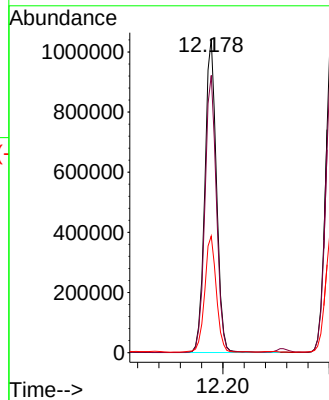
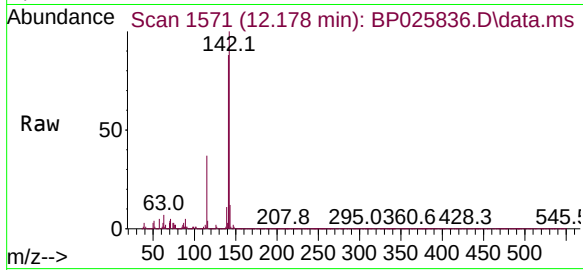




#37  
2-Methylnaphthalene  
Concen: 47.669 ng  
RT: 12.178 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

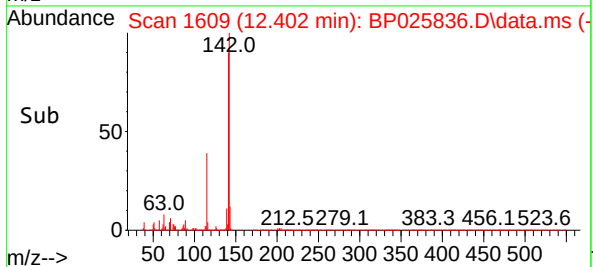
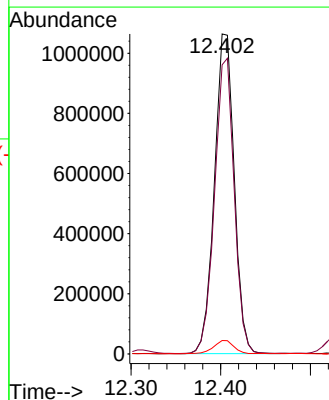
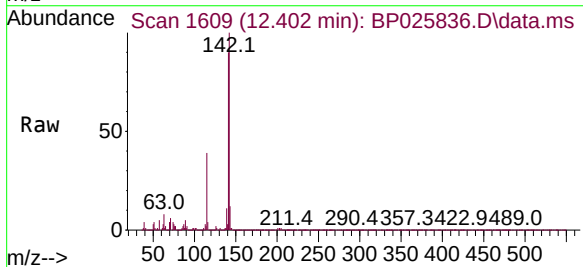
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

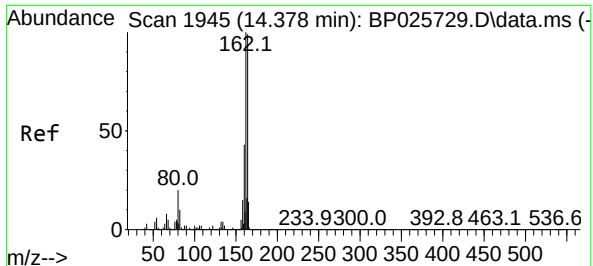
Tgt Ion:142 Resp: 1573442  
Ion Ratio Lower Upper  
142 100  
141 88.3 69.6 104.4  
115 37.1 30.0 45.0



#38  
1-Methylnaphthalene  
Concen: 46.662 ng  
RT: 12.402 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:142 Resp: 1642442  
Ion Ratio Lower Upper  
142 100  
141 90.3 72.7 109.1  
116 4.2 3.5 5.3

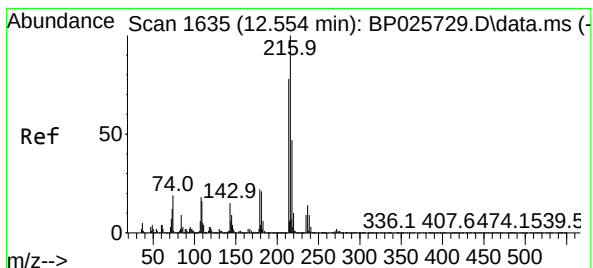
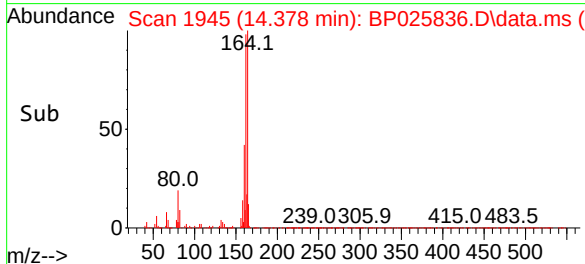
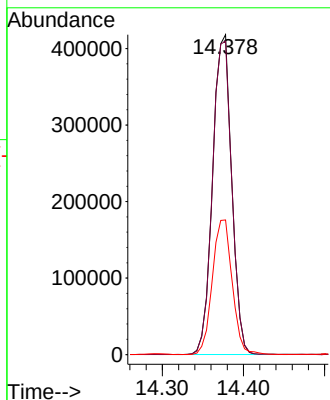
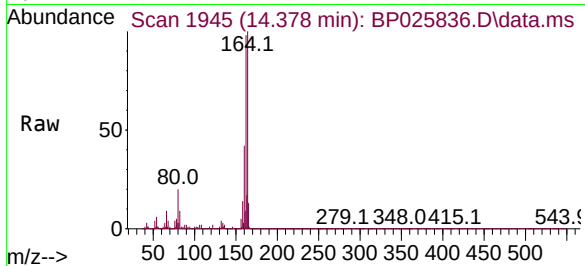




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.378 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

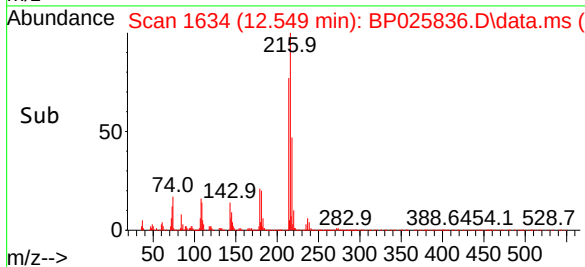
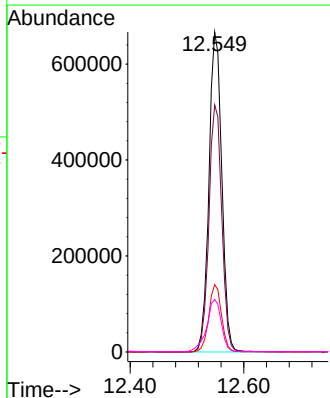
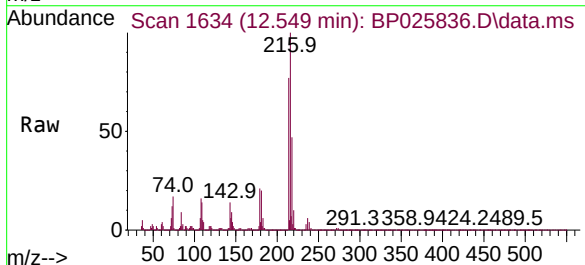
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

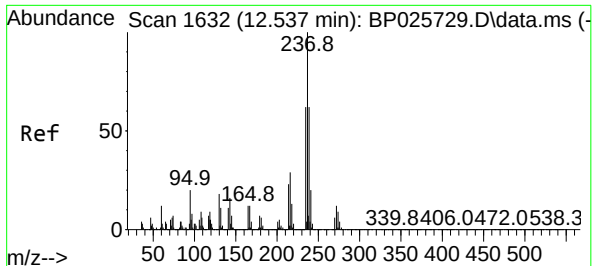
Tgt Ion:164 Resp: 680180  
Ion Ratio Lower Upper  
164 100  
162 97.9 80.6 120.8  
160 42.1 35.0 52.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 50.925 ng  
RT: 12.549 min Scan# 1634  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:216 Resp: 1049634  
Ion Ratio Lower Upper  
216 100  
214 77.5 62.4 93.6  
179 20.8 17.0 25.6  
108 18.6 15.2 22.8

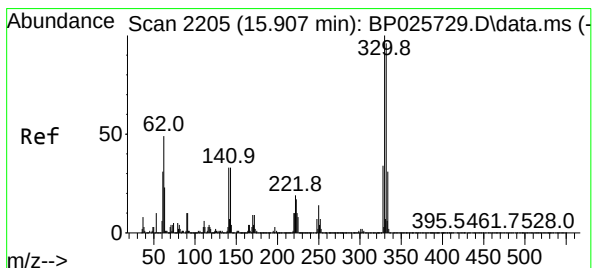
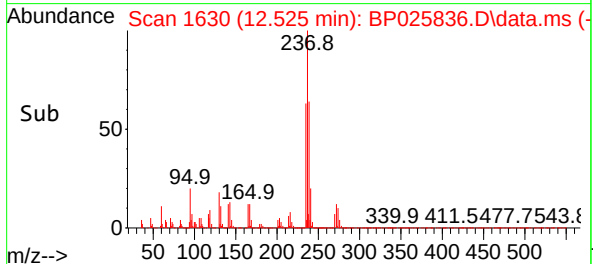
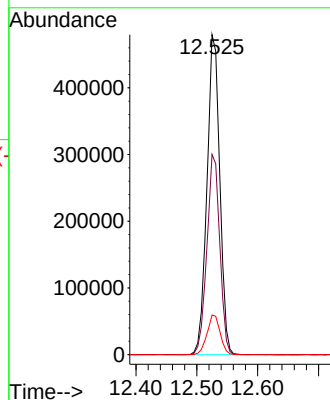
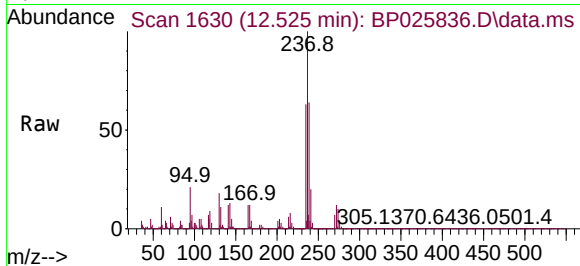




#41  
Hexachlorocyclopentadiene  
Concen: 62.390 ng  
RT: 12.525 min Scan# 1630  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

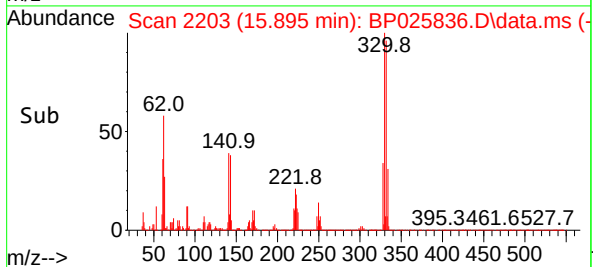
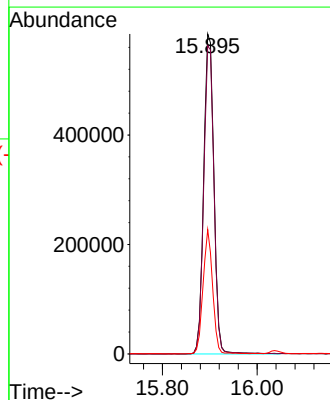
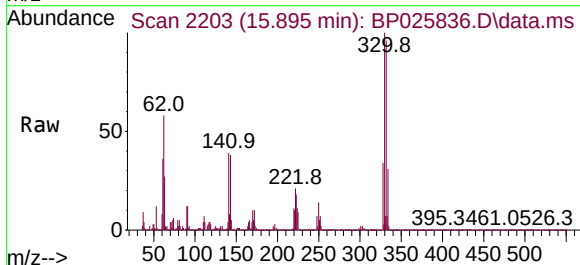
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

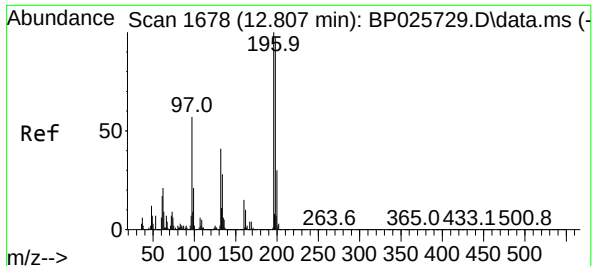
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.5  | 41.9  | 81.9  |
| 272     | 12.4  | 0.0   | 31.8  |



#42  
2,4,6-Tribromophenol  
Concen: 102.940 ng  
RT: 15.895 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 76.9  | 115.3 |
| 141     | 36.3  | 31.0  | 46.4  |

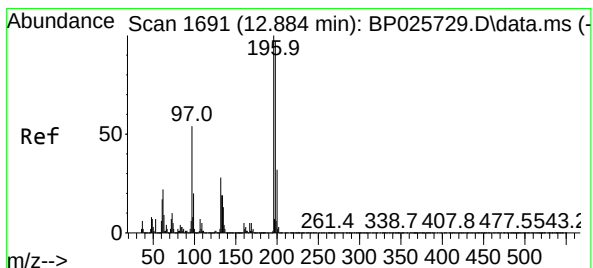
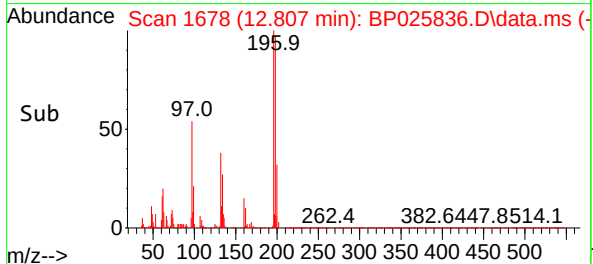
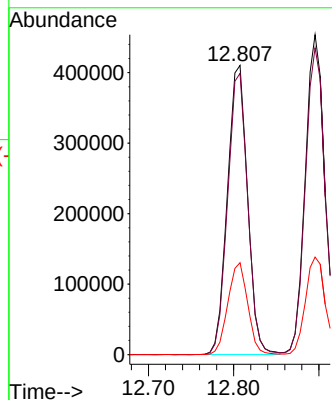
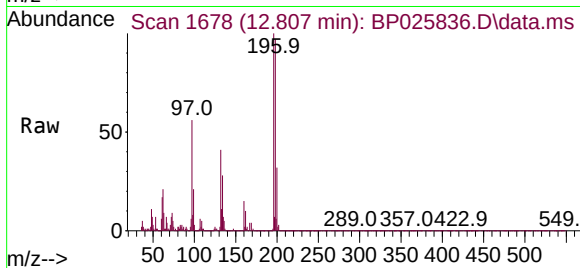




#43  
2,4,6-Trichlorophenol  
Concen: 49.863 ng  
RT: 12.807 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

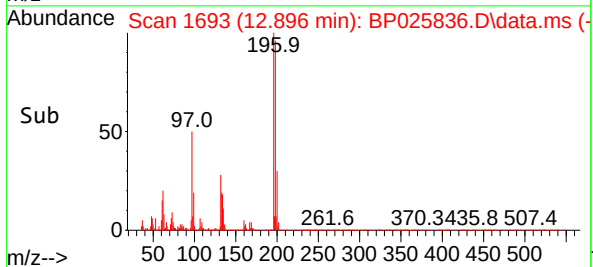
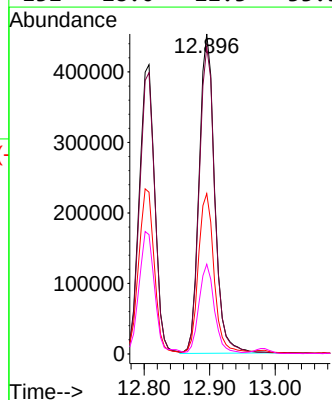
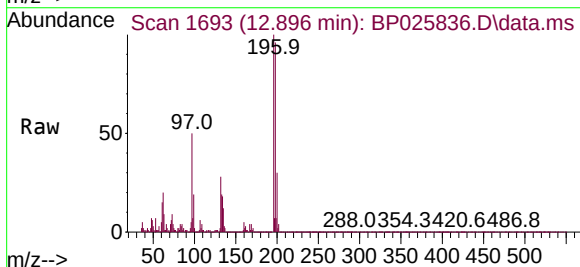
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

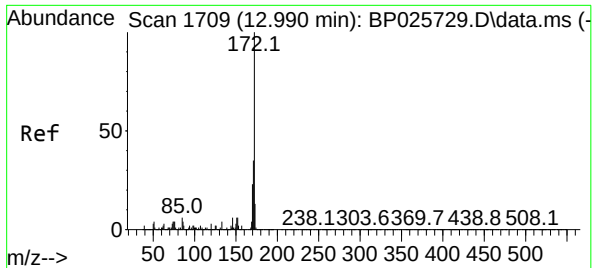
Tgt Ion:196 Resp: 675638  
Ion Ratio Lower Upper  
196 100  
198 97.2 77.2 115.8  
200 31.8 24.2 36.2



#44  
2,4,5-Trichlorophenol  
Concen: 49.399 ng  
RT: 12.896 min Scan# 1693  
Delta R.T. 0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:196 Resp: 744929  
Ion Ratio Lower Upper  
196 100  
198 95.9 77.8 116.8  
97 50.1 43.3 64.9  
132 28.0 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 49.735 ng

RT: 12.978 min Scan# 1707

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

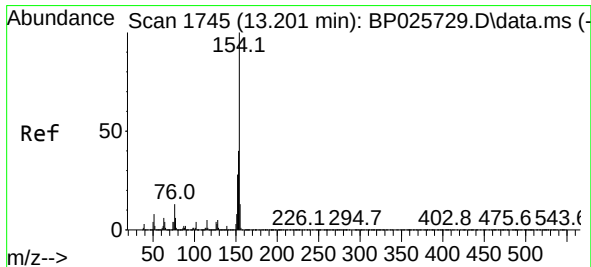
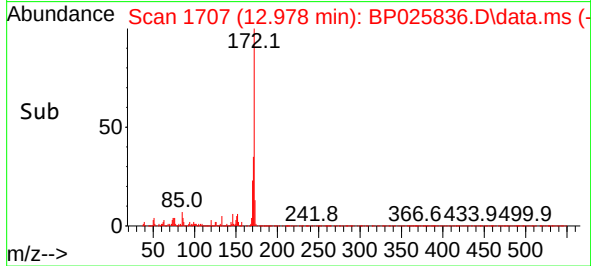
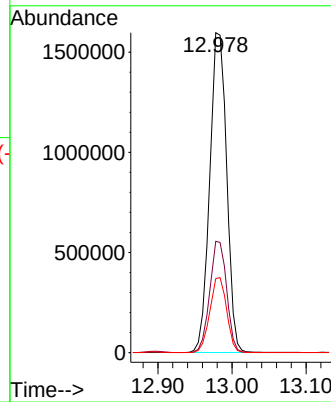
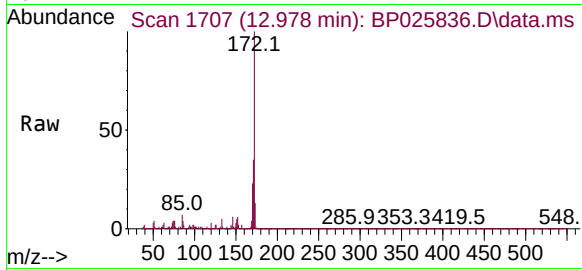
Tgt Ion:172 Resp: 2540663

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 50.127 ng

RT: 13.196 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

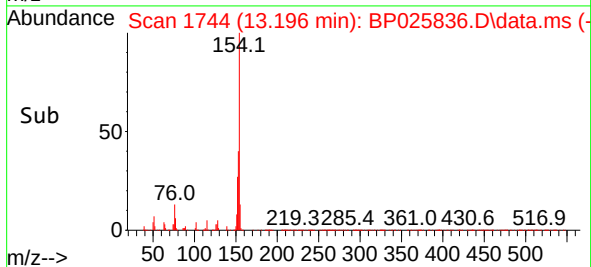
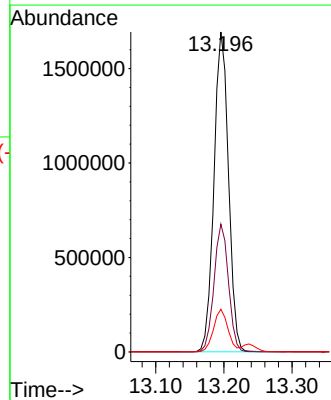
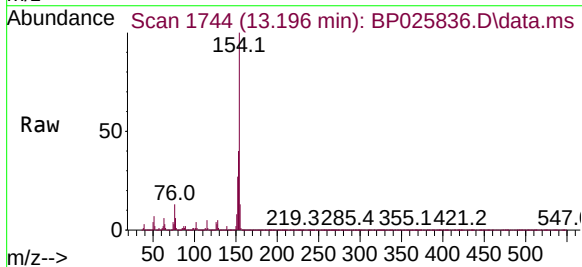
Tgt Ion:154 Resp: 2502608

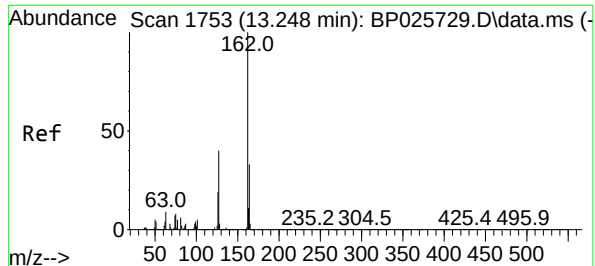
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 46.572 ng

RT: 13.237 min Scan# 1751

Delta R.T. -0.012 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

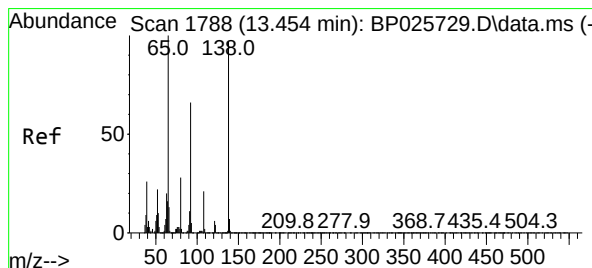
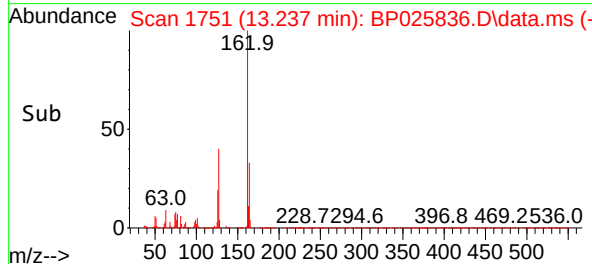
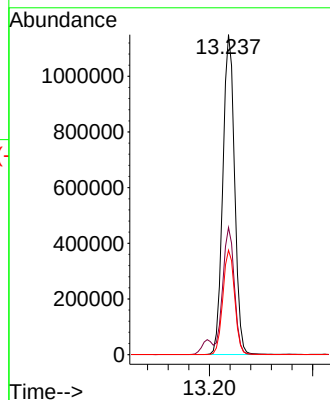
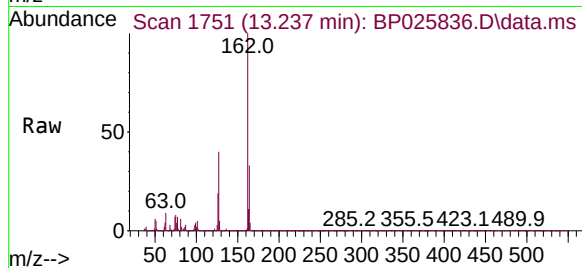
Tgt Ion:162 Resp: 1830796

Ion Ratio Lower Upper

162 100

127 39.7 32.2 48.4

164 32.6 26.5 39.7



#48

2-Nitroaniline

Concen: 48.344 ng

RT: 13.460 min Scan# 1789

Delta R.T. 0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

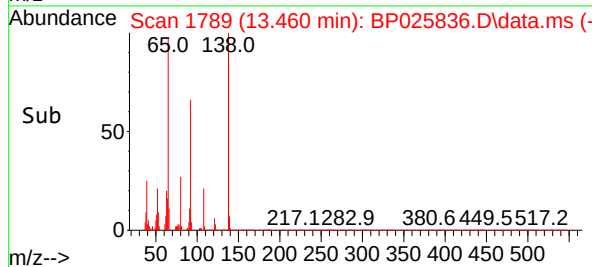
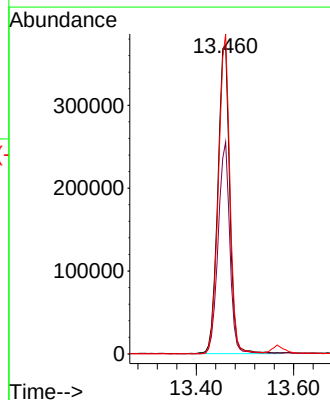
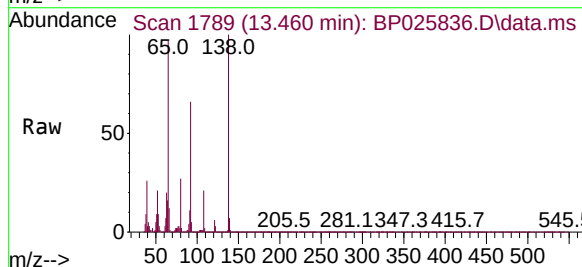
Tgt Ion: 65 Resp: 633517

Ion Ratio Lower Upper

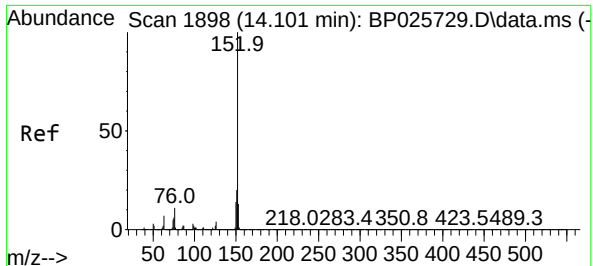
65 100

92 68.6 53.1 79.7

138 103.6 77.8 116.8







#49

Acenaphthylene

Concen: 47.139 ng

RT: 14.101 min Scan# 1898

Delta R.T. 0.000 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

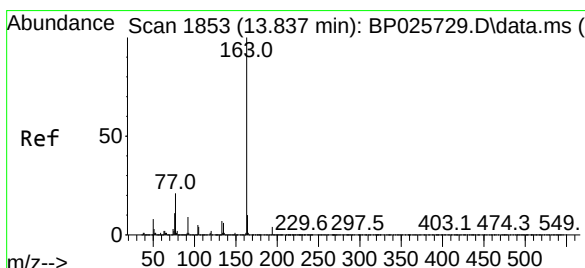
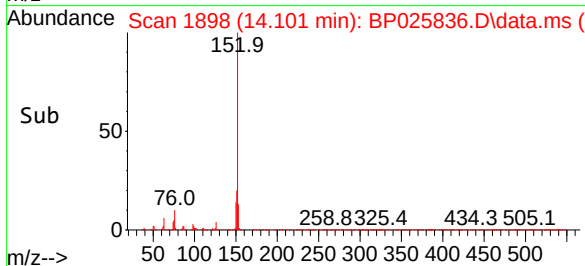
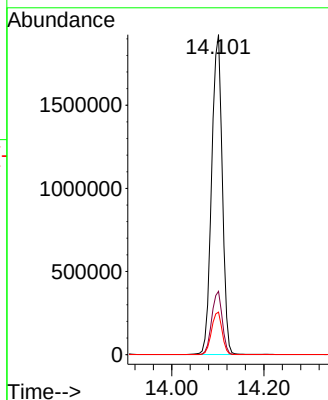
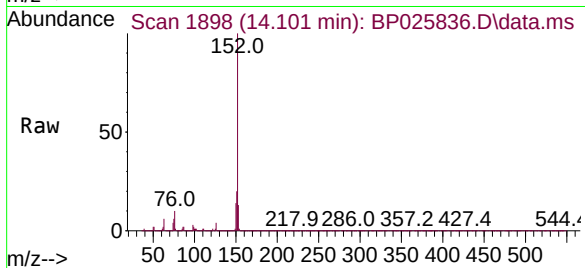
Tgt Ion:152 Resp: 3070378

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 45.329 ng

RT: 13.831 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

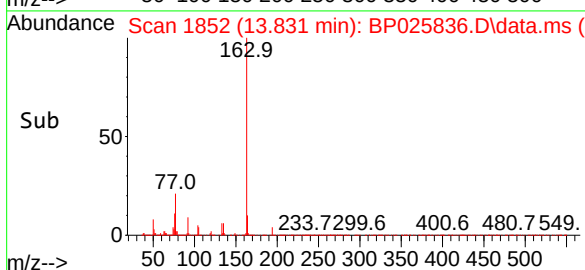
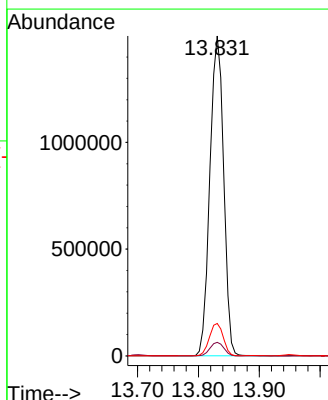
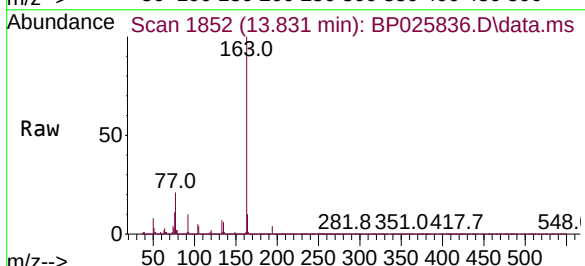
Tgt Ion:163 Resp: 2353902

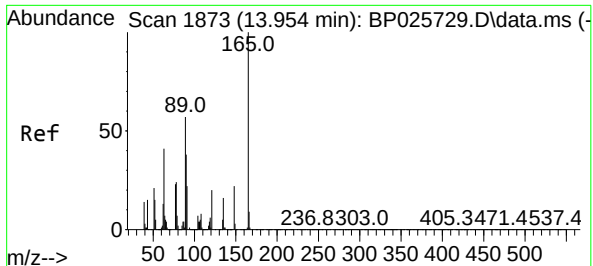
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.1 8.2 12.2

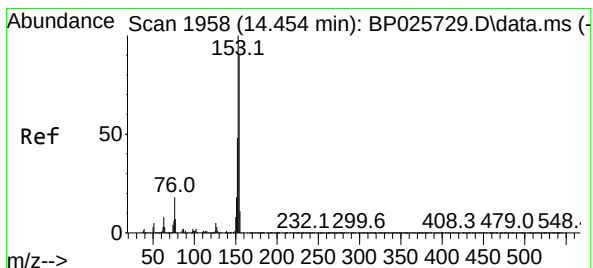
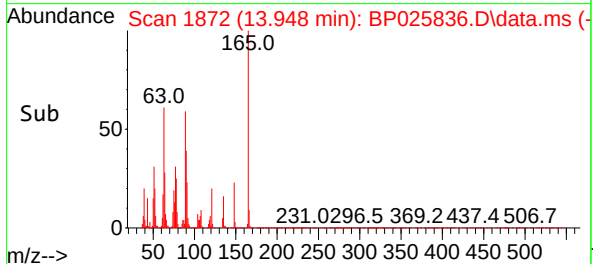
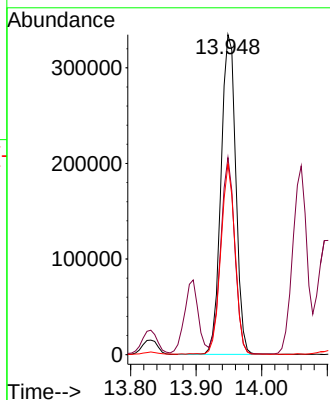
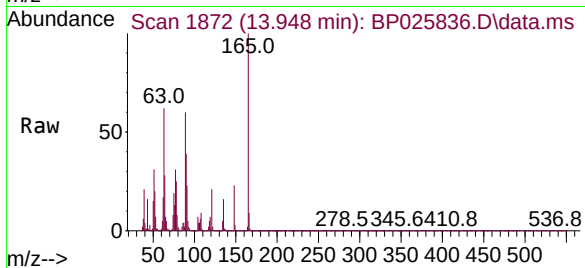




#51  
2,6-Dinitrotoluene  
Concen: 47.889 ng  
RT: 13.948 min Scan# 1872  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

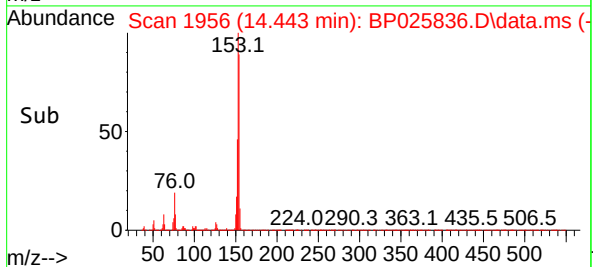
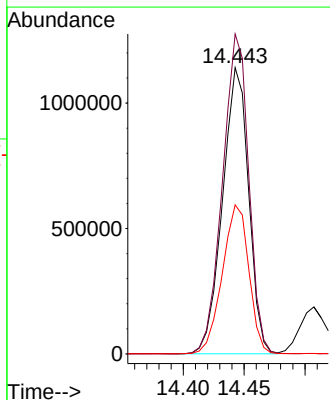
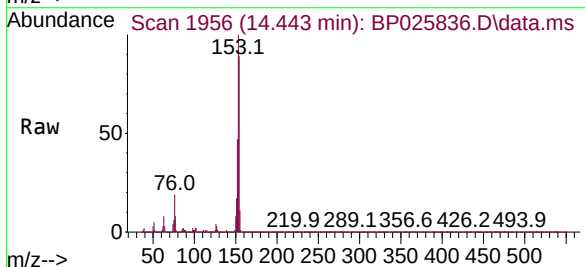
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

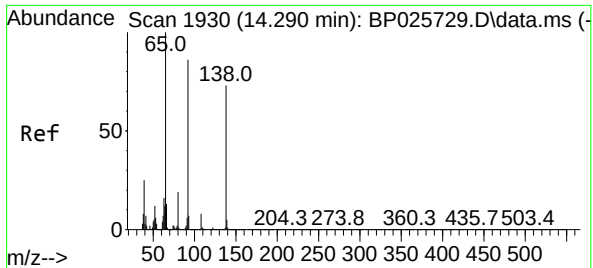
Tgt Ion:165 Resp: 526872  
Ion Ratio Lower Upper  
165 100  
63 61.6 48.1 72.1  
89 59.5 45.4 68.0



#52  
Acenaphthene  
Concen: 45.300 ng  
RT: 14.443 min Scan# 1956  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:154 Resp: 1701595  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.4 134.0  
152 52.1 42.5 63.7

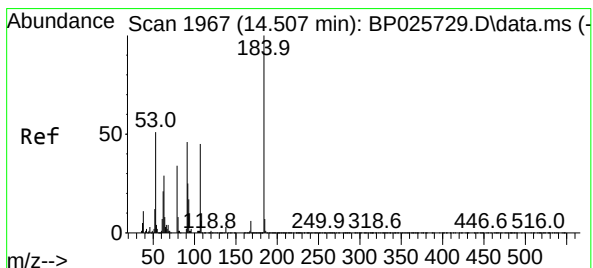
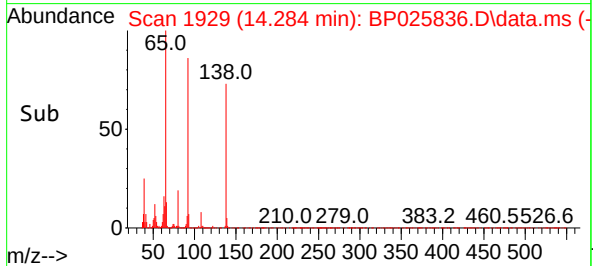
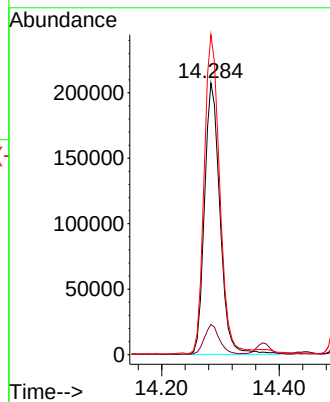
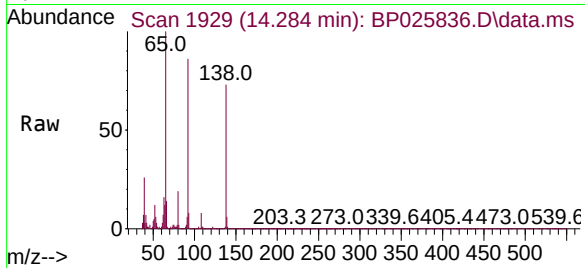




#53  
3-Nitroaniline  
Concen: 32.800 ng  
RT: 14.284 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

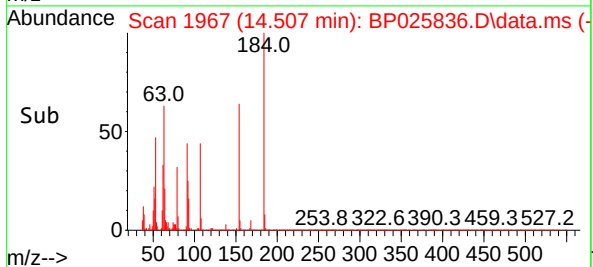
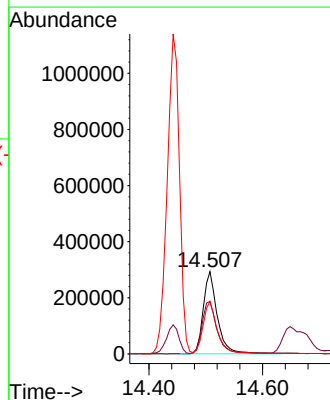
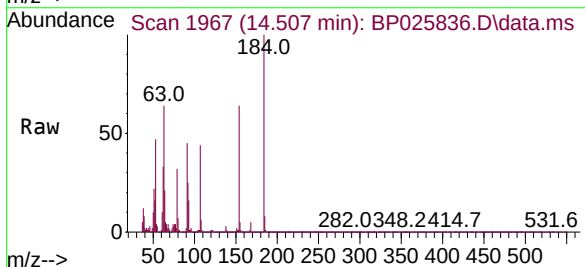
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

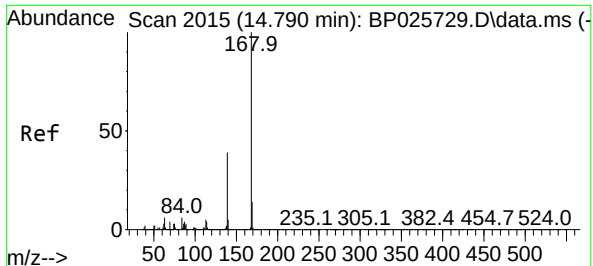
Tgt Ion:138 Resp: 379482  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.7 13.1  
92 117.8 94.6 142.0



#54  
2,4-Dinitrophenol  
Concen: 71.269 ng  
RT: 14.507 min Scan# 1967  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:184 Resp: 505801  
Ion Ratio Lower Upper  
184 100  
63 63.6 52.5 78.7  
154 63.7 51.5 77.3

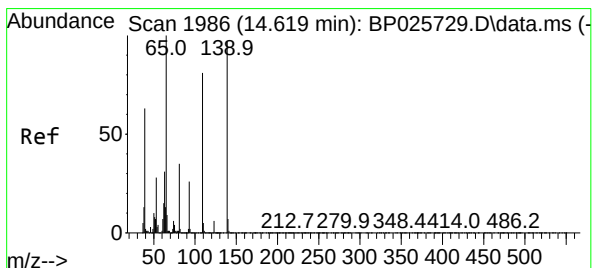
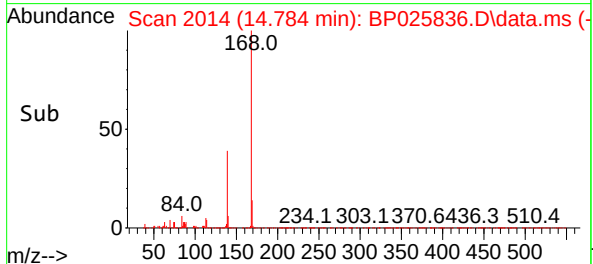
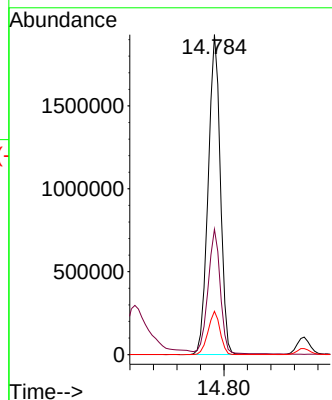
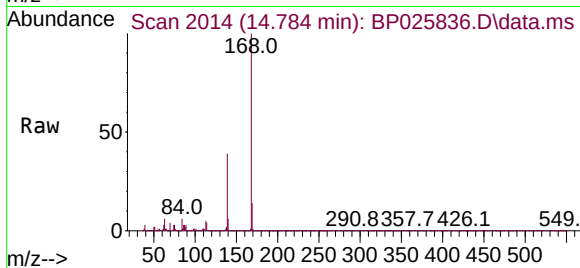




#55  
Dibenzofuran  
Concen: 45.164 ng  
RT: 14.784 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

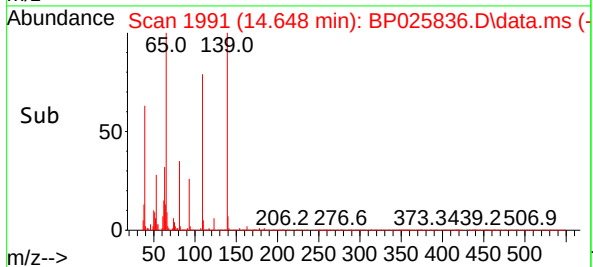
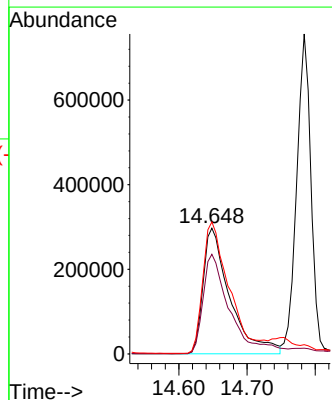
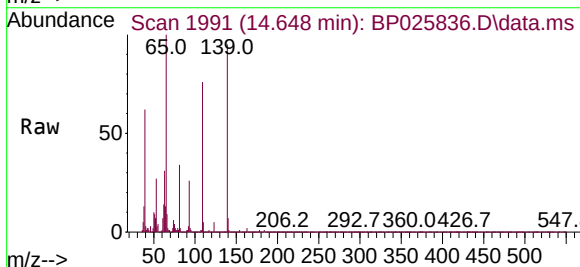
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

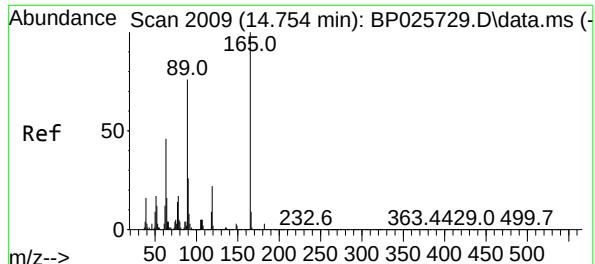
Tgt Ion:168 Resp: 2764922  
Ion Ratio Lower Upper  
168 100  
139 39.2 31.7 47.5  
169 13.5 10.8 16.2



#56  
4-Nitrophenol  
Concen: 81.313 ng  
RT: 14.648 min Scan# 1991  
Delta R.T. 0.029 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:139 Resp: 810918  
Ion Ratio Lower Upper  
139 100  
109 79.2 62.9 102.9  
65 104.9 83.4 123.4

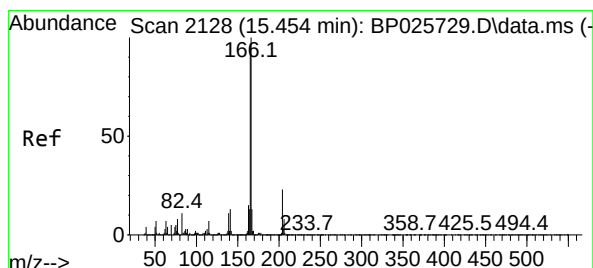
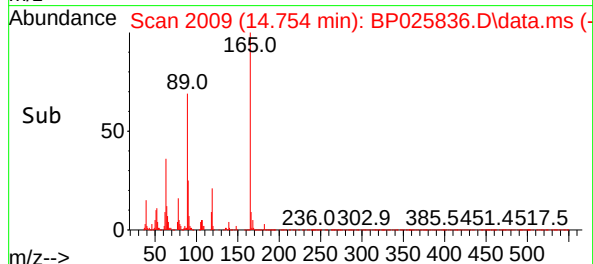
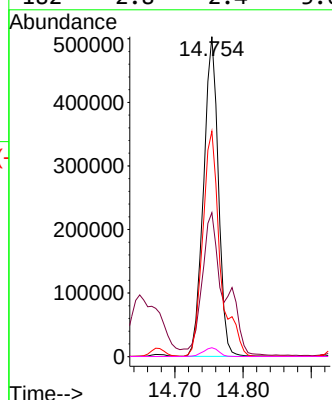
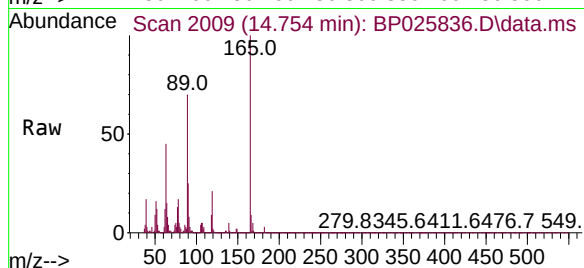




#57  
2,4-Dinitrotoluene  
Concen: 48.616 ng  
RT: 14.754 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

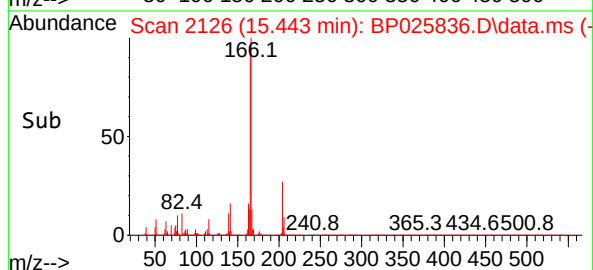
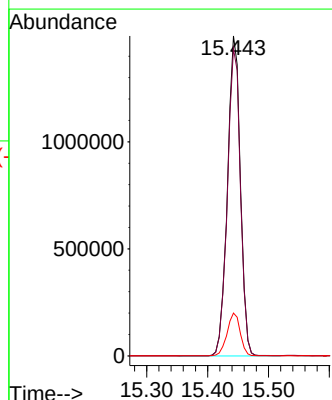
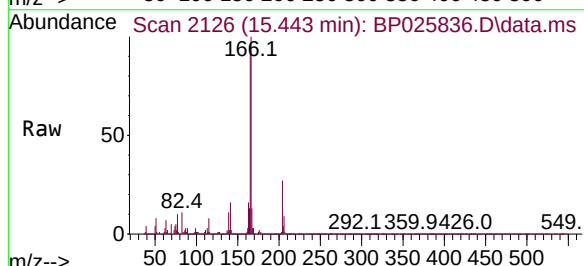
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

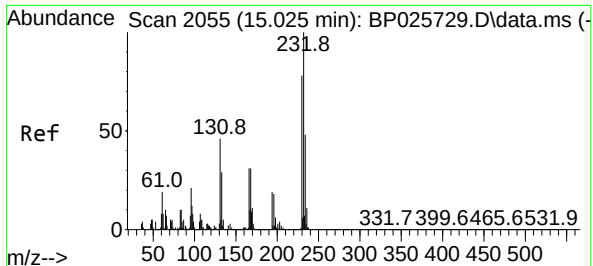
Tgt Ion:165 Resp: 761214  
Ion Ratio Lower Upper  
165 100  
63 45.0 37.7 56.5  
89 70.4 61.0 91.6  
182 2.8 2.4 3.6



#58  
Fluorene  
Concen: 45.270 ng  
RT: 15.443 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:166 Resp: 2203790  
Ion Ratio Lower Upper  
166 100  
165 96.0 77.7 116.5  
167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.157 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025836.D

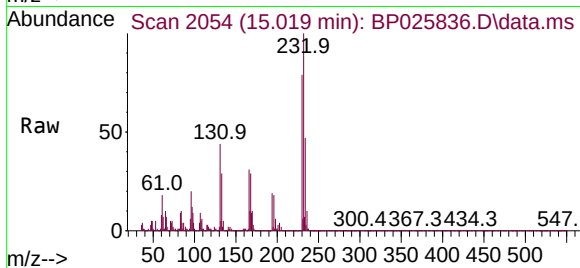
Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD



Tgt Ion:232 Resp: 654182

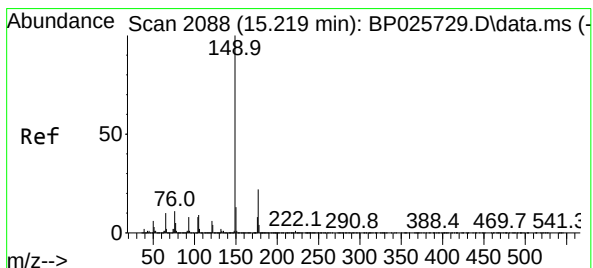
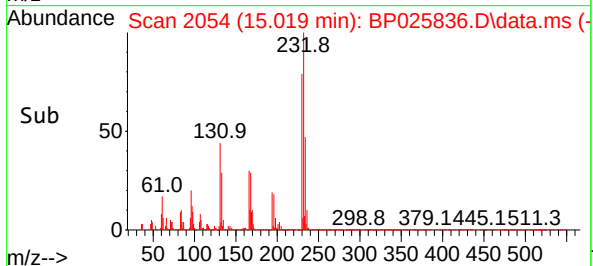
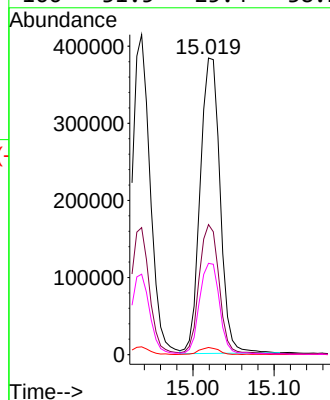
Ion Ratio Lower Upper

232 100

131 43.8 36.7 55.1

130 2.3 2.0 3.0

166 31.5 25.4 38.2



#60

Diethylphthalate

Concen: 46.895 ng

RT: 15.213 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

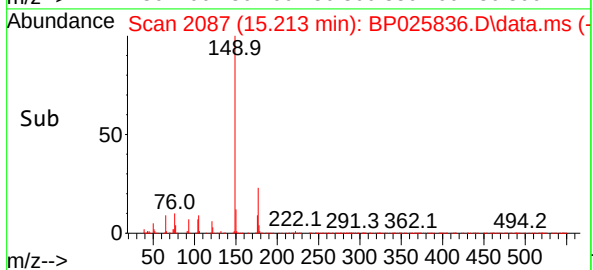
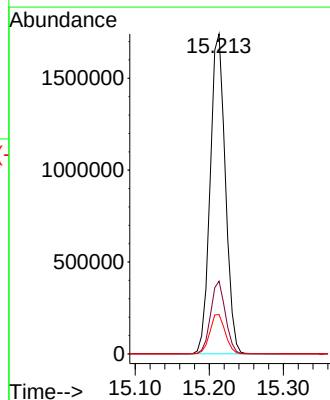
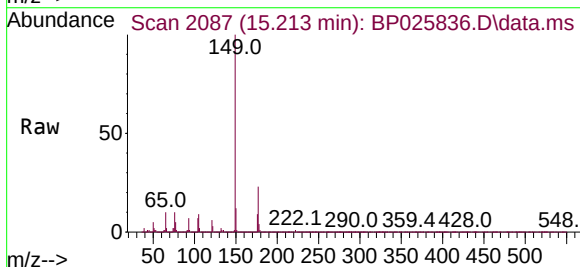
Tgt Ion:149 Resp: 2470212

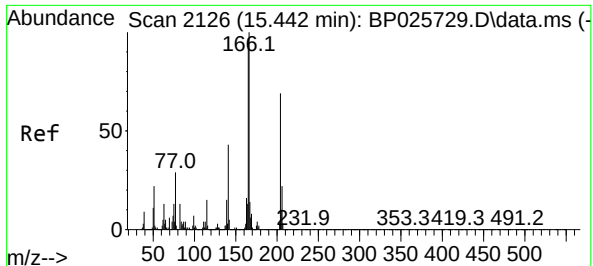
Ion Ratio Lower Upper

149 100

177 22.7 17.7 26.5

150 12.3 10.0 15.0

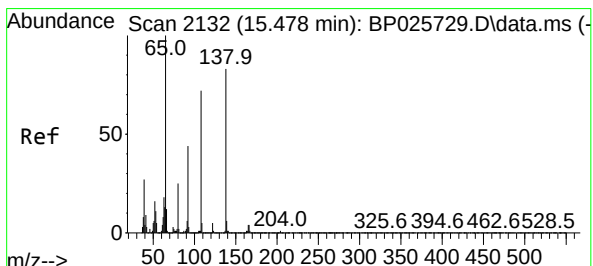
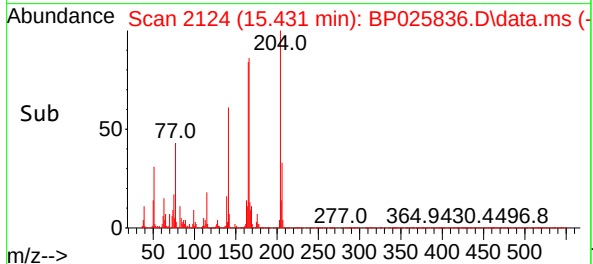
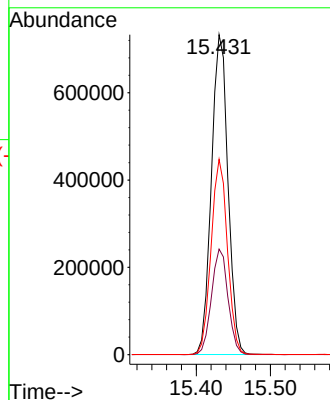
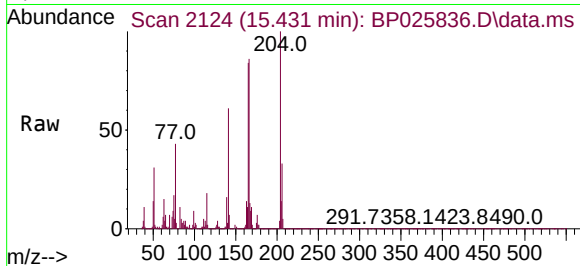




#61  
4-Chlorophenyl-phenylether  
Concen: 46.344 ng  
RT: 15.431 min Scan# 2124  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

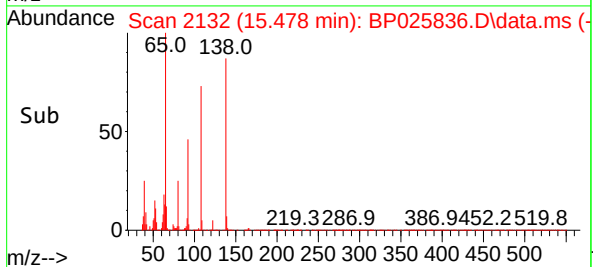
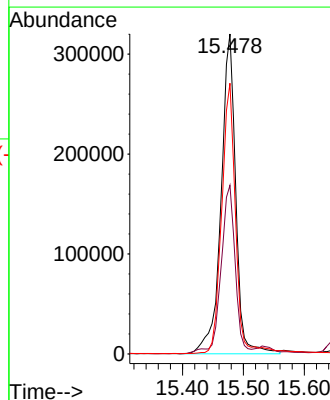
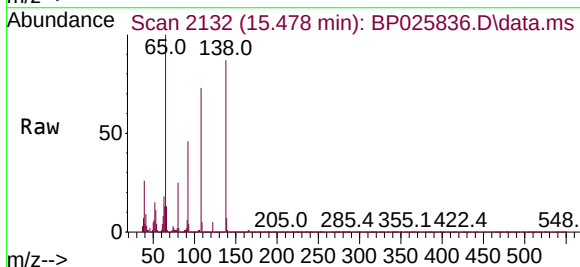
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

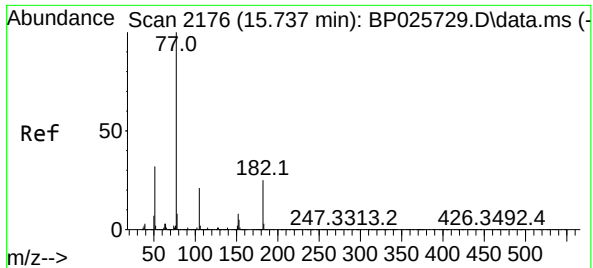
Tgt Ion:204 Resp: 1137004  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.0 39.0  
141 61.0 49.7 74.5



#62  
4-Nitroaniline  
Concen: 45.479 ng  
RT: 15.478 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:138 Resp: 539050  
Ion Ratio Lower Upper  
138 100  
92 52.7 33.3 73.3  
108 84.6 66.7 106.7

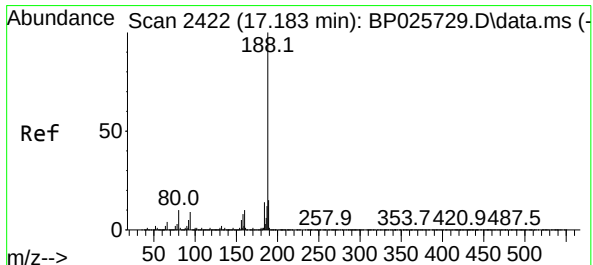
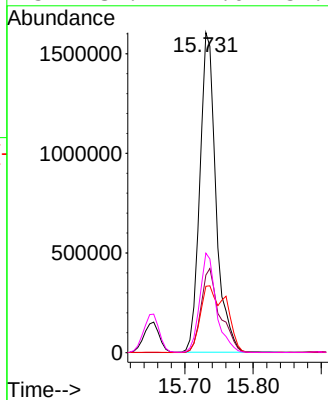
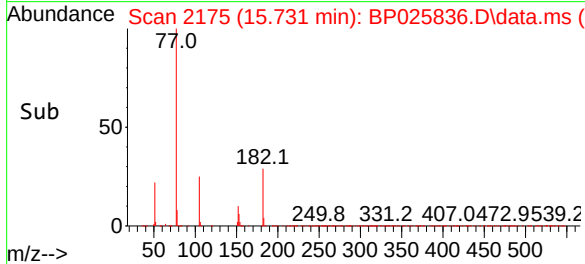
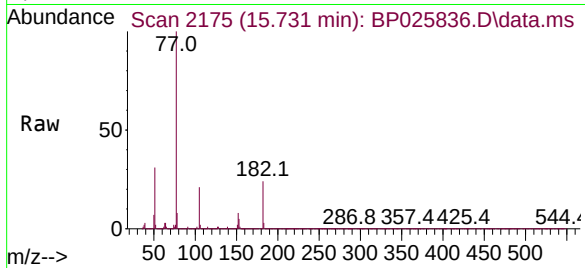




#63  
Azobenzene  
Concen: 51.818 ng  
RT: 15.731 min Scan# 2175  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

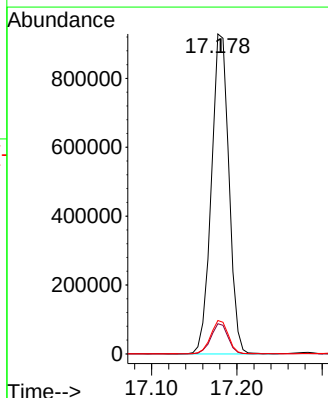
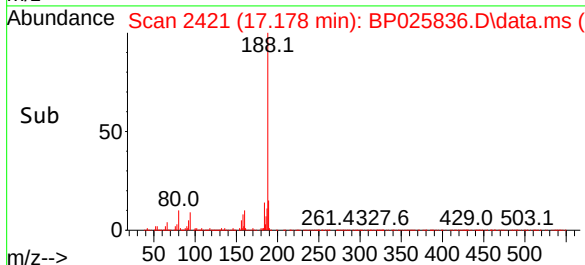
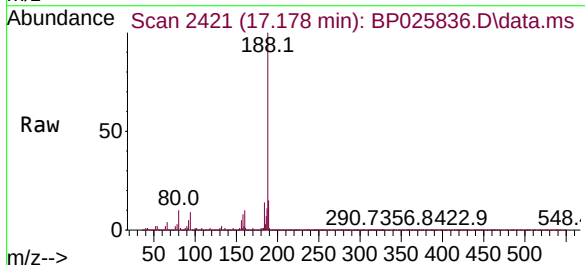
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

Tgt Ion: 77 Resp: 2639220  
Ion Ratio Lower Upper  
77 100  
182 24.2 5.2 45.2  
105 20.7 1.1 41.1  
51 31.1 11.6 51.6

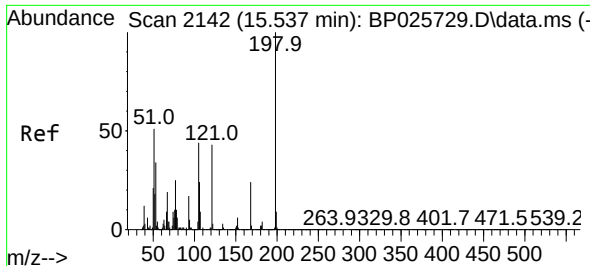


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.178 min Scan# 2421  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion: 188 Resp: 1328394  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.4 11.0  
80 10.4 7.7 11.5



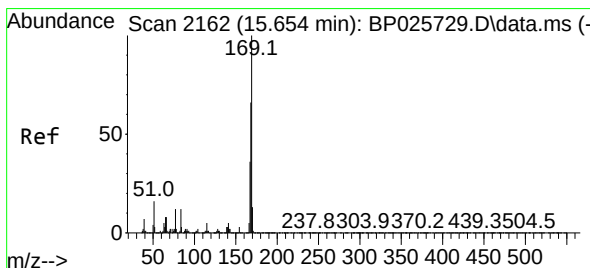
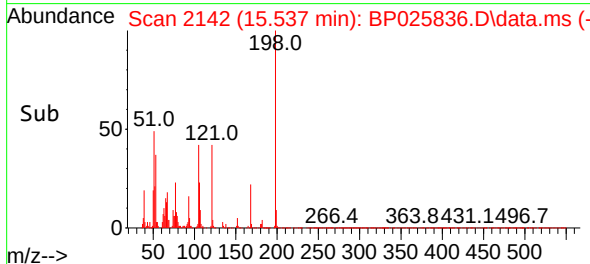
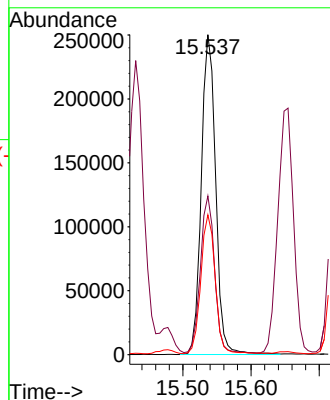
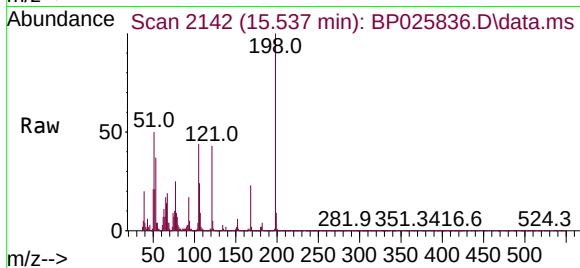




#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.570 ng  
RT: 15.537 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

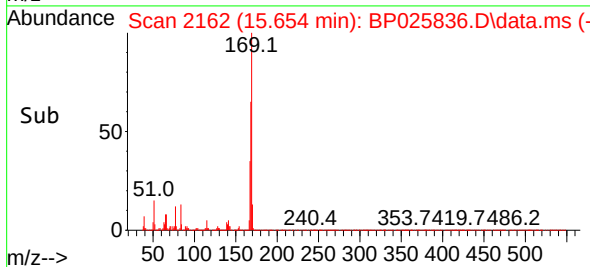
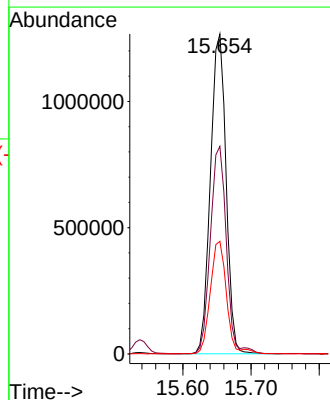
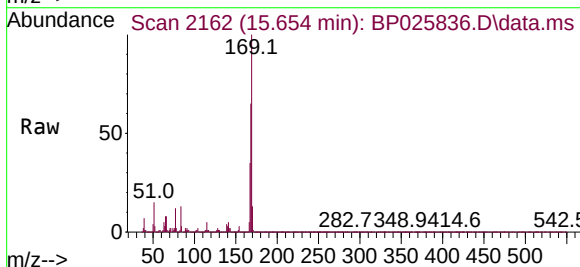
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

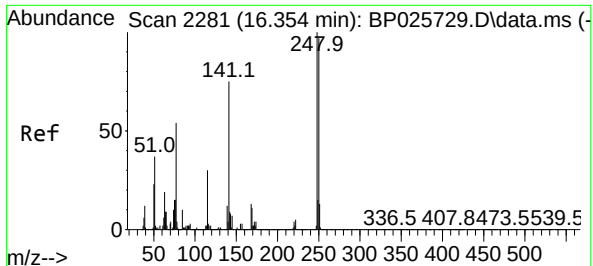
Tgt Ion:198 Resp: 367242  
Ion Ratio Lower Upper  
198 100  
51 49.6 33.4 73.4  
105 43.7 24.3 64.3



#66  
n-Nitrosodiphenylamine  
Concen: 49.580 ng  
RT: 15.654 min Scan# 2162  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:169 Resp: 2015521  
Ion Ratio Lower Upper  
169 100  
168 64.8 52.6 78.8  
167 35.2 28.5 42.7

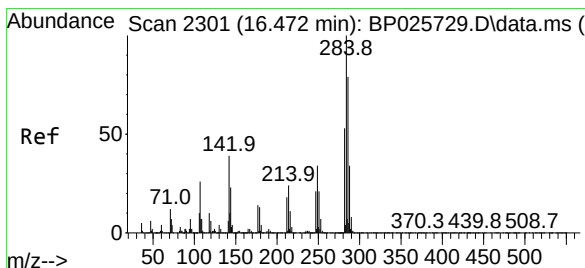
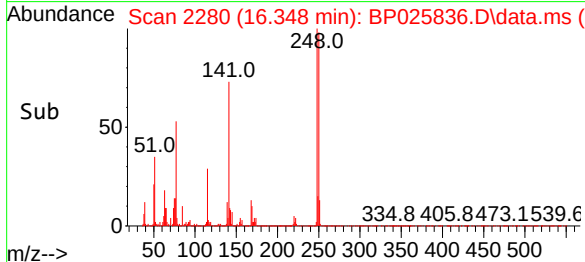
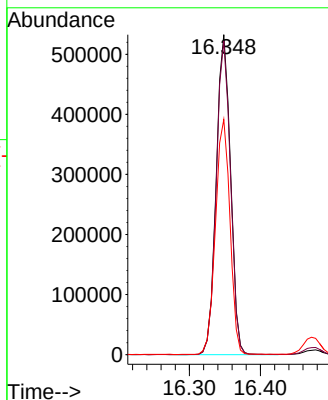
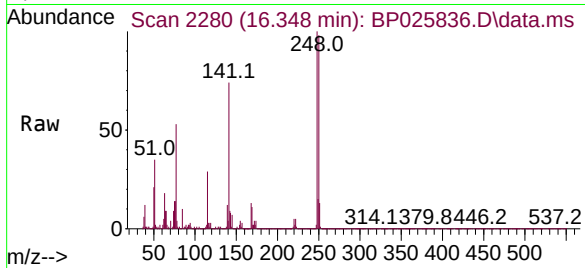




#67  
4-Bromophenyl-phenylether  
Concen: 51.363 ng  
RT: 16.348 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

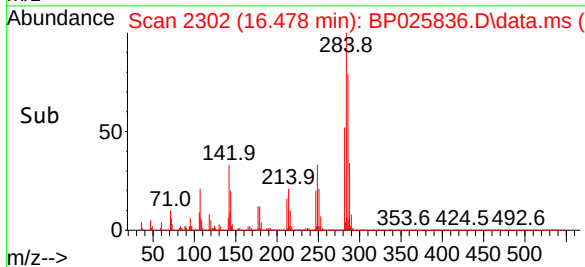
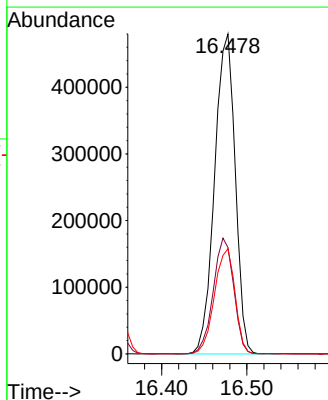
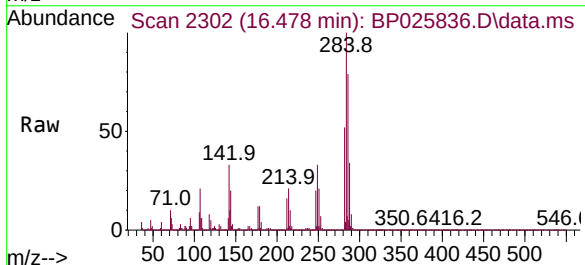
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

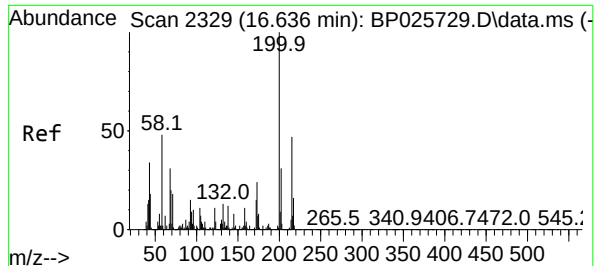
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.0  | 77.5  | 116.3 |
| 141     | 73.5  | 60.2  | 90.4  |



#68  
Hexachlorobenzene  
Concen: 49.516 ng  
RT: 16.478 min Scan# 2302  
Delta R.T. 0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.2  | 31.3  | 46.9  |
| 249     | 32.9  | 27.3  | 40.9  |





#69

Atrazine

Concen: 49.262 ng

RT: 16.637 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

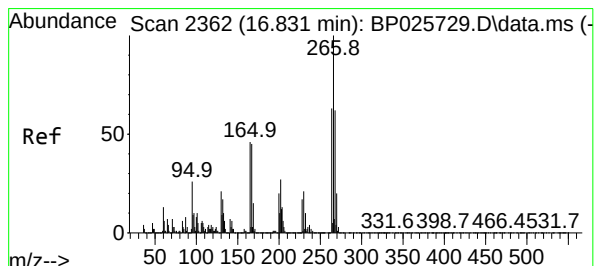
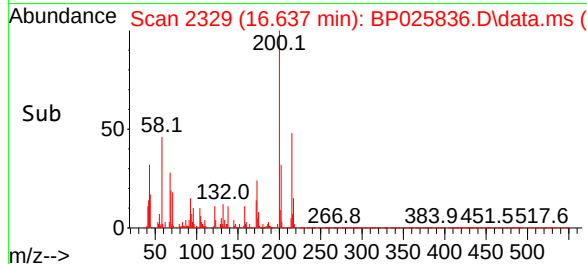
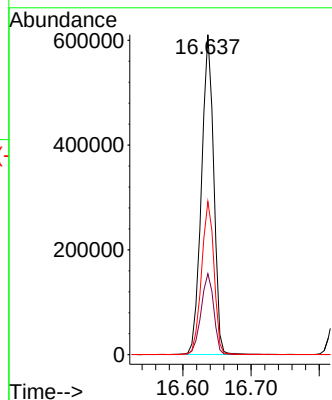
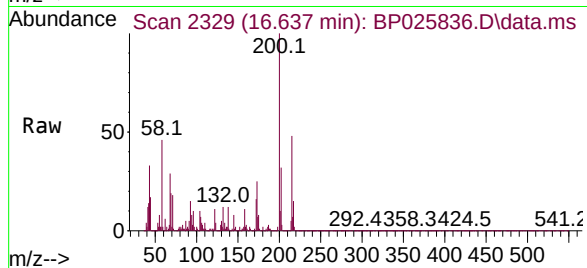
Tgt Ion:200 Resp: 765489

Ion Ratio Lower Upper

200 100

173 25.3 4.2 44.2

215 47.8 27.3 67.3



#70

Pentachlorophenol

Concen: 89.244 ng

RT: 16.831 min Scan# 2362

Delta R.T. 0.000 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

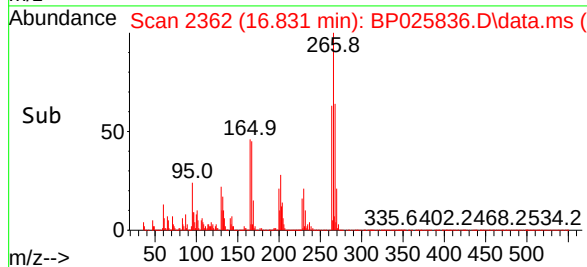
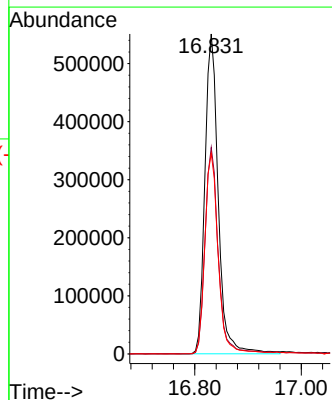
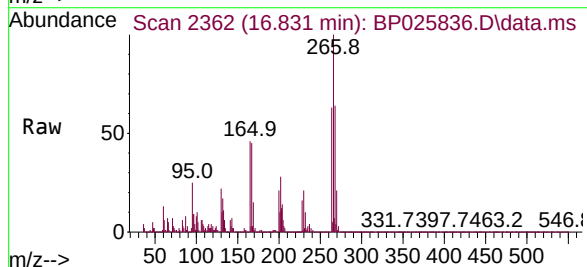
Tgt Ion:266 Resp: 958569

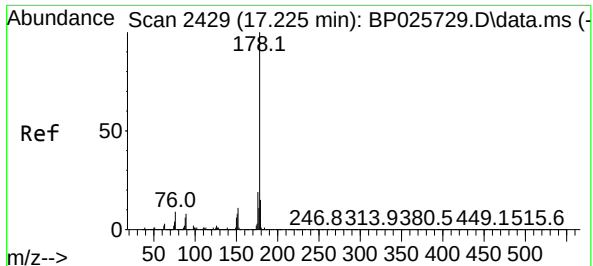
Ion Ratio Lower Upper

266 100

268 64.5 49.8 74.8

264 62.7 50.2 75.2

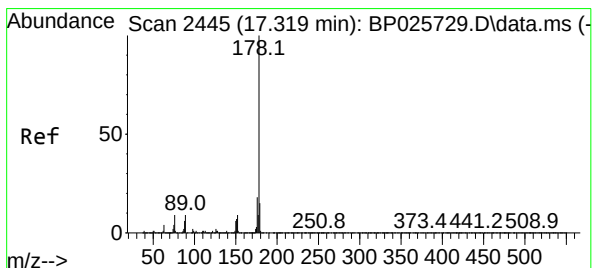
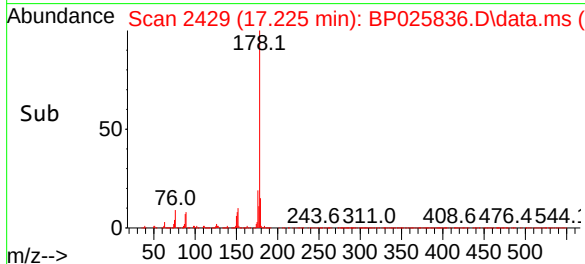
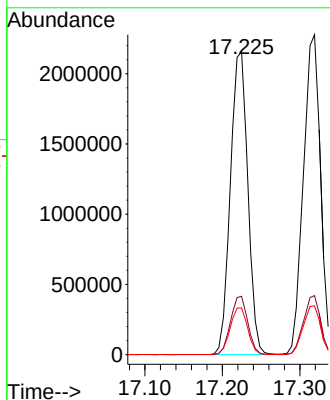
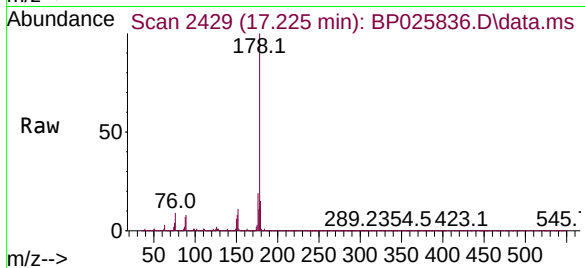




#71  
Phenanthrene  
Concen: 44.880 ng  
RT: 17.225 min Scan# 2429  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

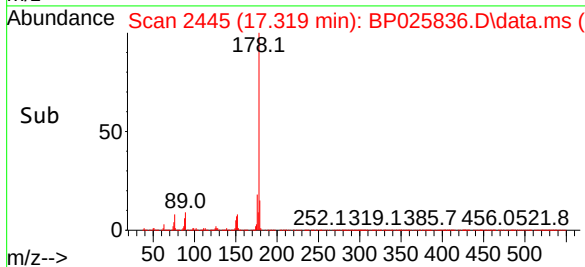
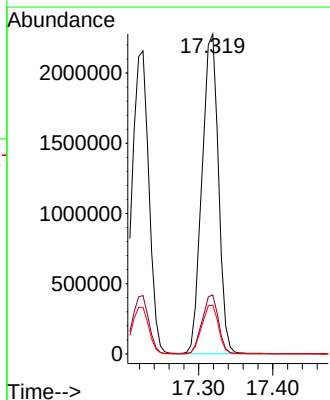
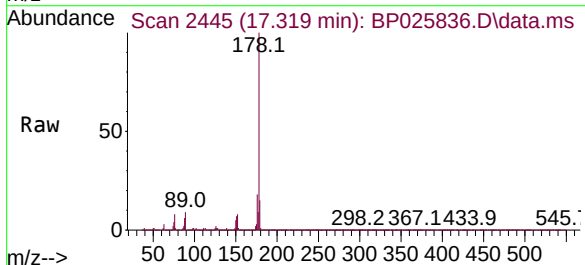
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

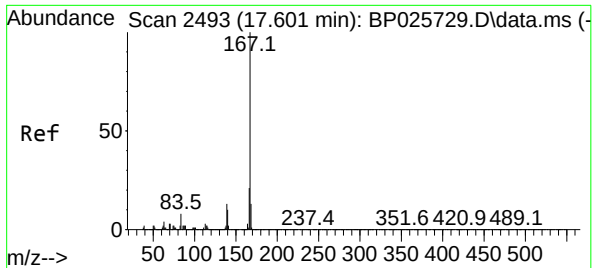
Tgt Ion:178 Resp: 3381879  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 15.4 12.2 18.4



#72  
Anthracene  
Concen: 45.901 ng  
RT: 17.319 min Scan# 2445  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:178 Resp: 3509419  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.2 12.2 18.4

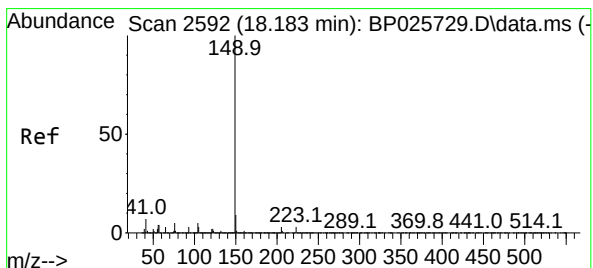
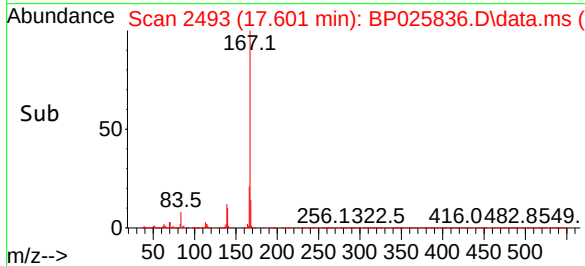
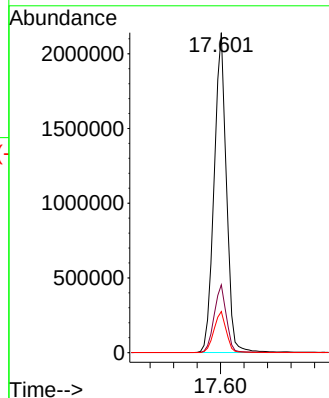
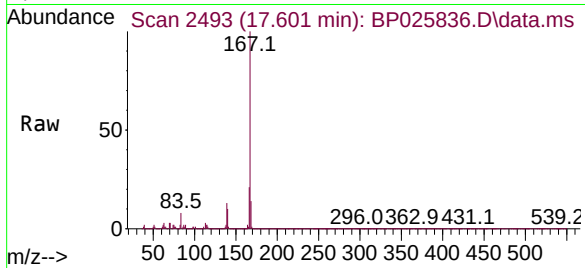




#73  
 Carbazole  
 Concen: 43.676 ng  
 RT: 17.601 min Scan# 2493  
 Delta R.T. 0.000 min  
 Lab File: BP025836.D  
 Acq: 23 Sep 2025 19:22

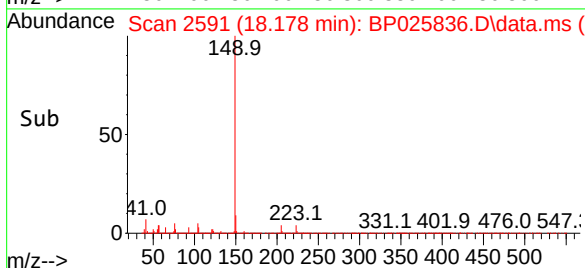
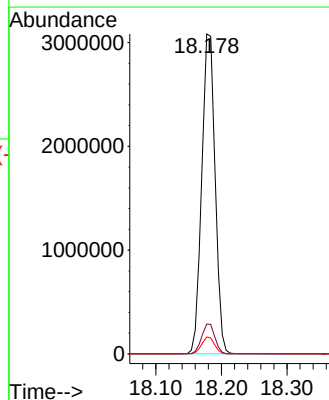
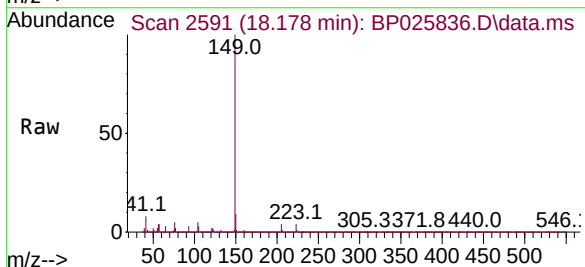
Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-500-COMP-40MSD

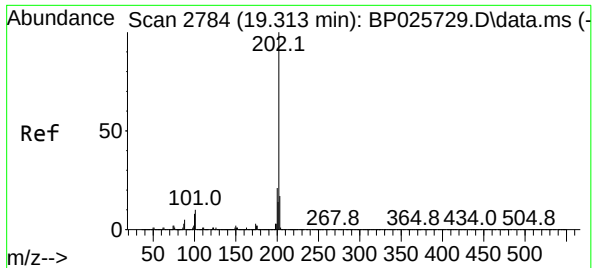
Tgt Ion:167 Resp: 3104556  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.0 25.4  
 139 12.8 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 49.853 ng  
 RT: 18.178 min Scan# 2591  
 Delta R.T. -0.006 min  
 Lab File: BP025836.D  
 Acq: 23 Sep 2025 19:22

Tgt Ion:149 Resp: 4348685  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 5.3 4.3 6.5

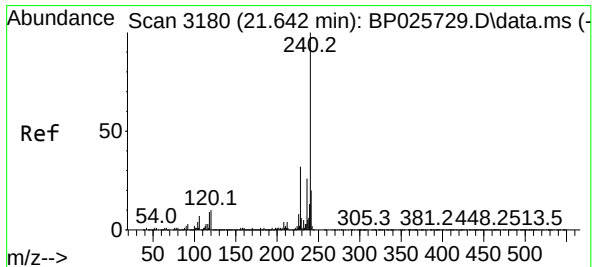
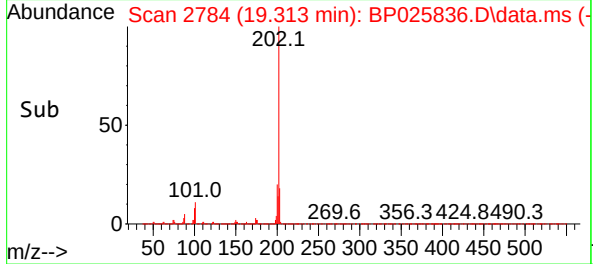
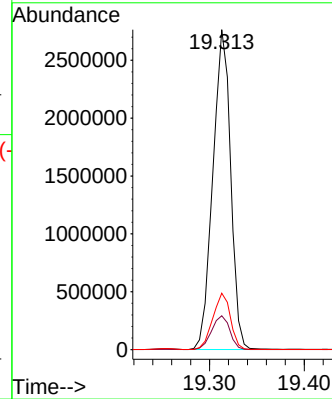
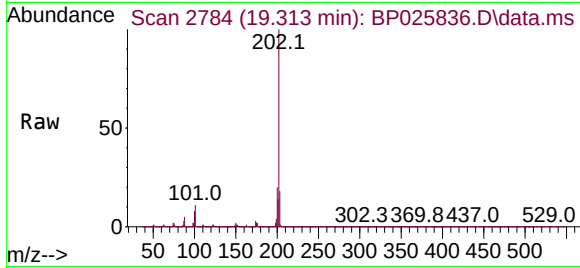




#75  
Fluoranthene  
Concen: 39.948 ng  
RT: 19.313 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

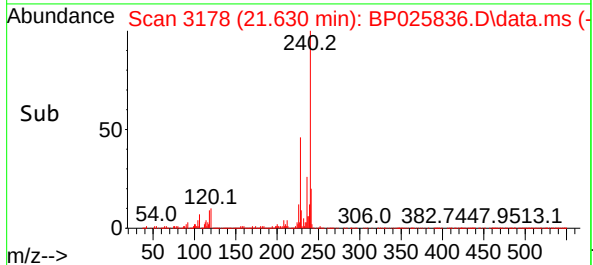
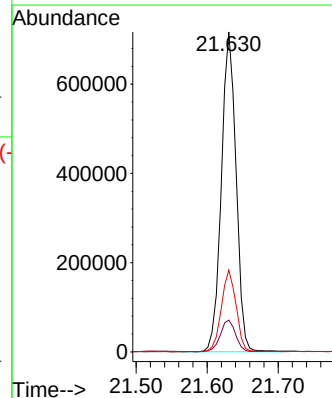
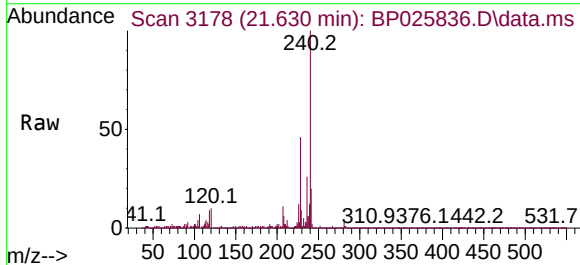
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

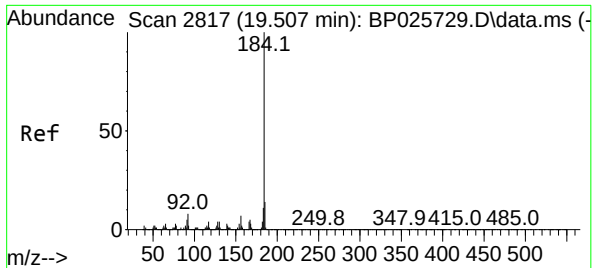
Tgt Ion:202 Resp: 3610257  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 30.4  
203 17.6 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.630 min Scan# 3178  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:240 Resp: 1034217  
Ion Ratio Lower Upper  
240 100  
120 9.9 8.0 12.0  
236 25.6 20.7 31.1

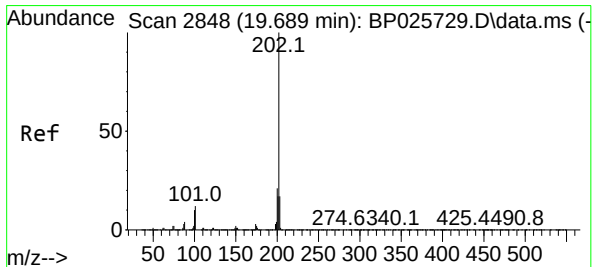
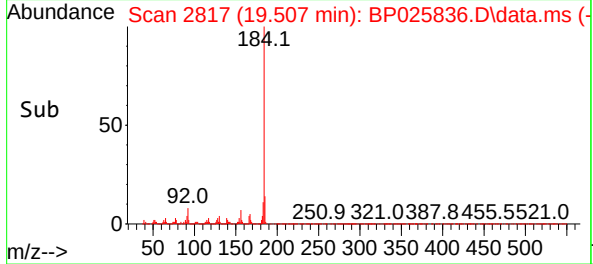
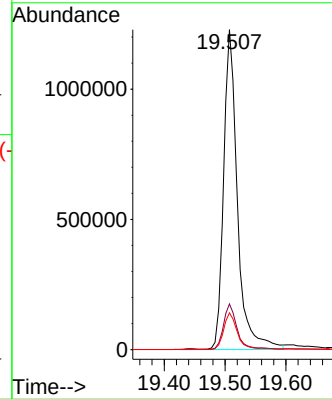
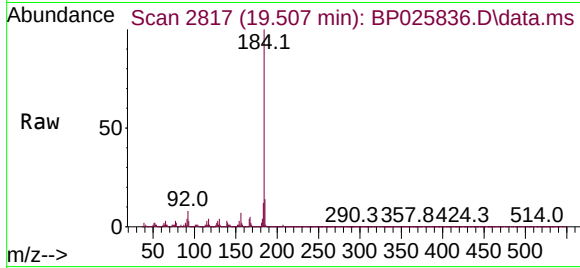




#77  
Benzidine  
Concen: 64.932 ng  
RT: 19.507 min Scan# 2817  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

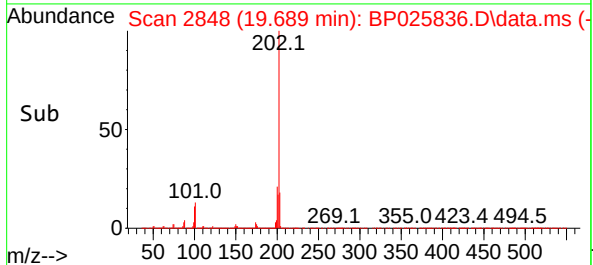
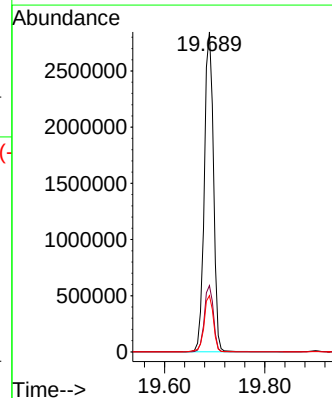
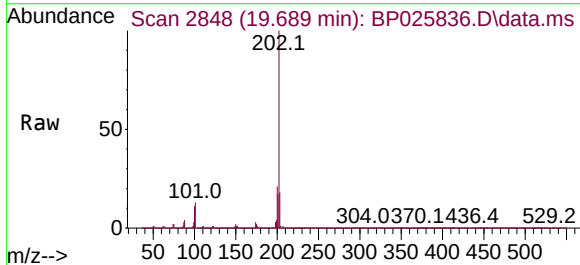
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

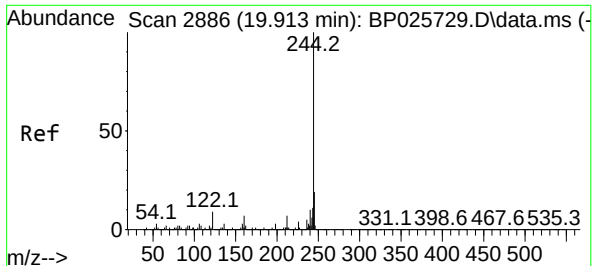
Tgt Ion:184 Resp: 1934401  
Ion Ratio Lower Upper  
184 100  
185 14.3 11.5 17.3  
183 11.5 9.2 13.8



#78  
Pyrene  
Concen: 51.921 ng  
RT: 19.689 min Scan# 2848  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:202 Resp: 3582986  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.0 25.6  
203 17.6 13.9 20.9

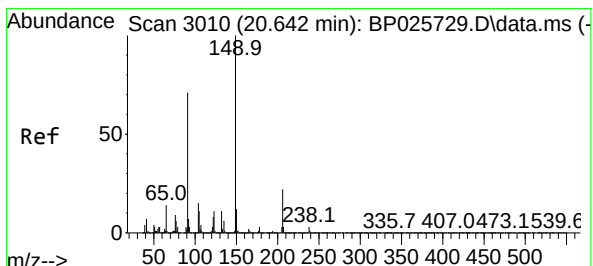
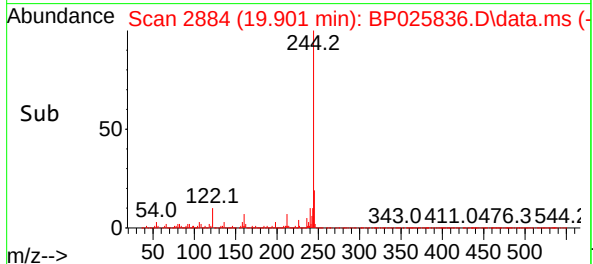
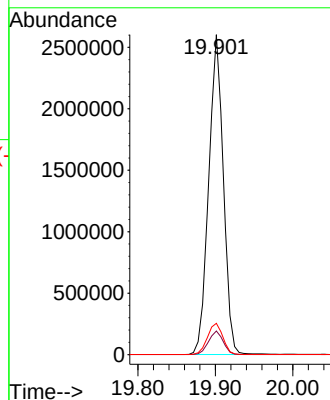
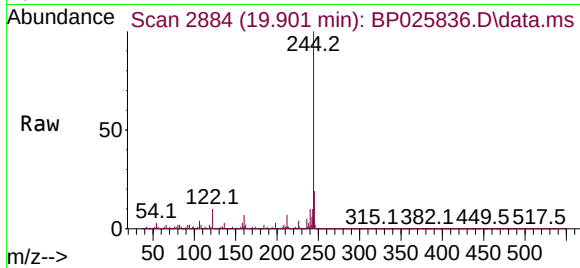




#79  
 Terphenyl-d14  
 Concen: 59.588 ng  
 RT: 19.901 min Scan# 2884  
 Delta R.T. -0.012 min  
 Lab File: BP025836.D  
 Acq: 23 Sep 2025 19:22

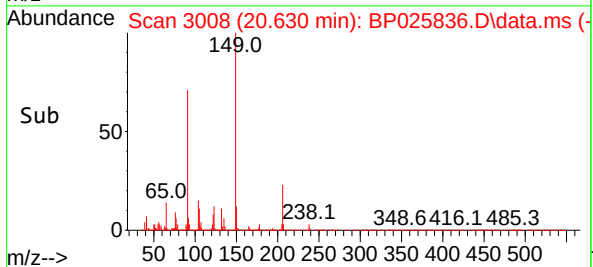
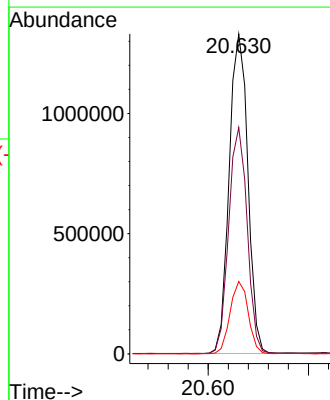
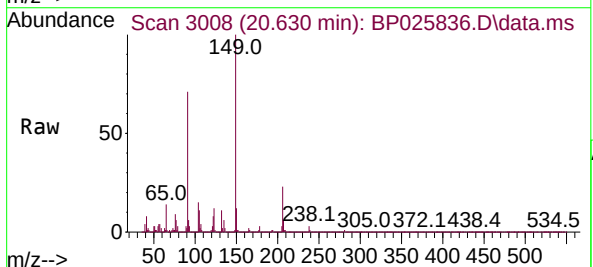
Instrument :  
 BNA\_P  
 ClientSampleId :  
 OR-500-COMP-40MSD

Tgt Ion:244 Resp: 3425629  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 9.8 7.1 10.7

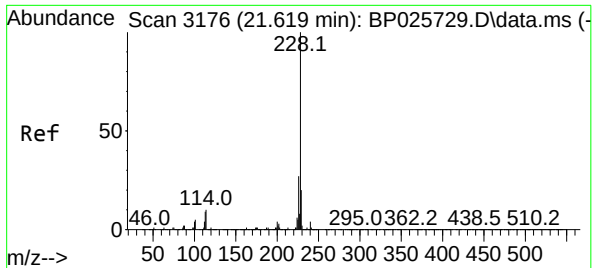


#80  
 Butylbenzylphthalate  
 Concen: 56.790 ng  
 RT: 20.630 min Scan# 3008  
 Delta R.T. -0.012 min  
 Lab File: BP025836.D  
 Acq: 23 Sep 2025 19:22

Tgt Ion:149 Resp: 1718336  
 Ion Ratio Lower Upper  
 149 100  
 91 70.7 56.6 85.0  
 206 22.6 17.4 26.0



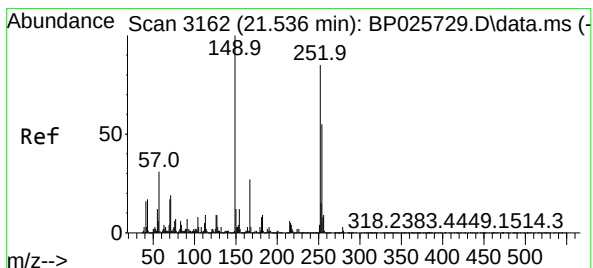
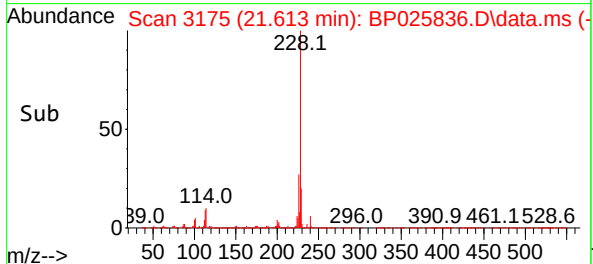
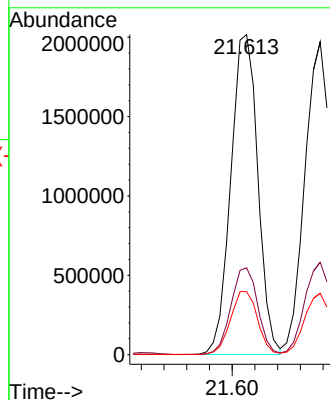
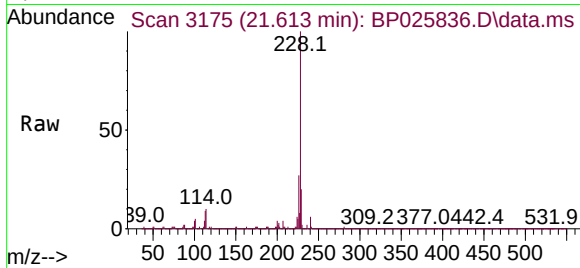




#81  
Benzo(a)anthracene  
Concen: 47.046 ng  
RT: 21.613 min Scan# 3175  
Delta R.T. -0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

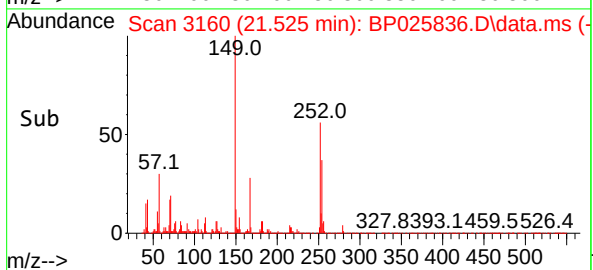
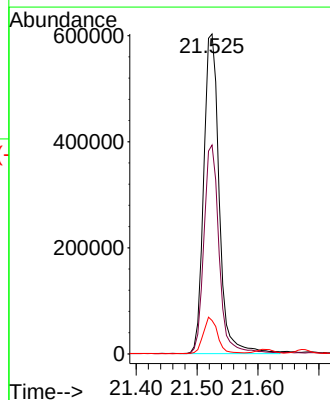
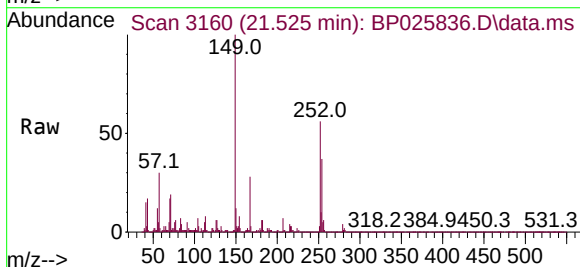
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

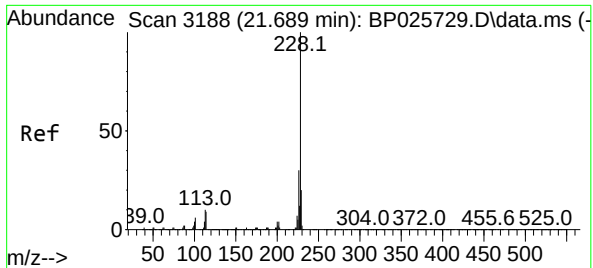
Tgt Ion:228 Resp: 3331030  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.6 32.4  
229 19.7 15.7 23.5



#82  
3,3'-Dichlorobenzidine  
Concen: 43.531 ng  
RT: 21.525 min Scan# 3160  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:252 Resp: 1065724  
Ion Ratio Lower Upper  
252 100  
254 65.3 51.4 77.0  
126 10.4 8.3 12.5

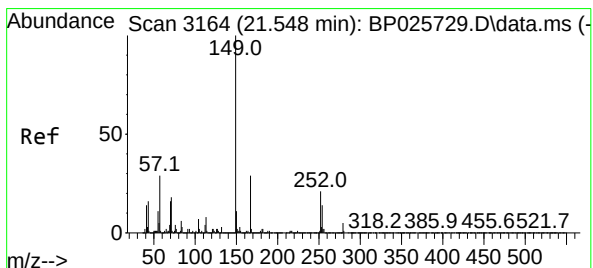
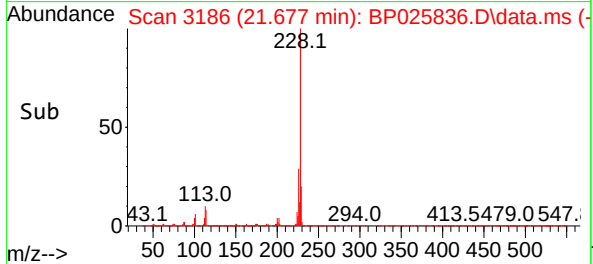
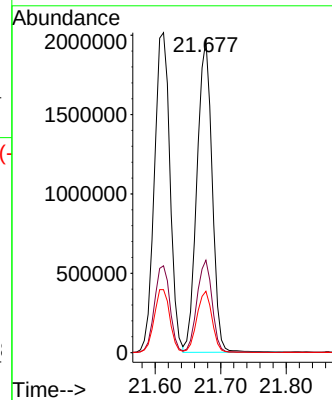
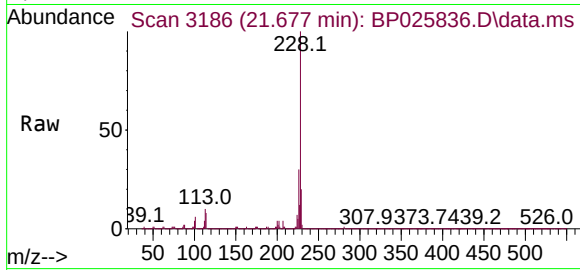




#83  
Chrysene  
Concen: 46.684 ng  
RT: 21.677 min Scan# 3186  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

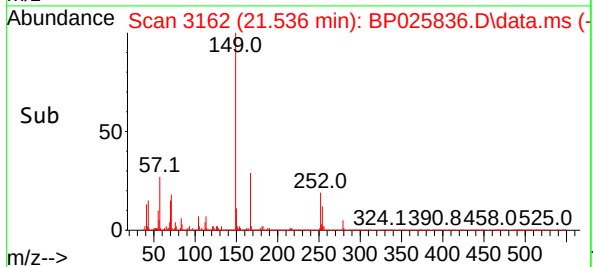
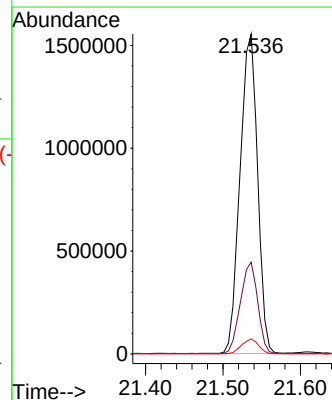
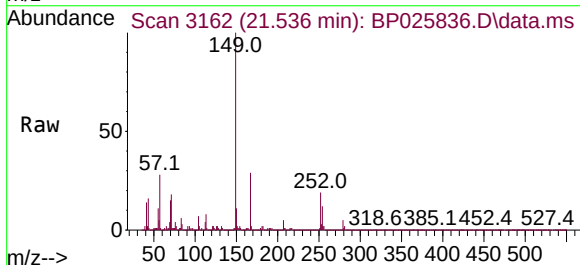
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

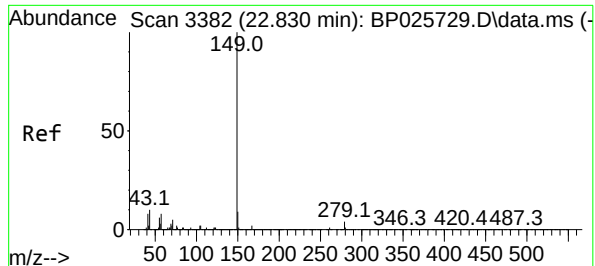
Tgt Ion:228 Resp: 3150883  
Ion Ratio Lower Upper  
228 100  
226 29.5 23.8 35.6  
229 19.6 15.6 23.4



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 55.257 ng  
RT: 21.536 min Scan# 3162  
Delta R.T. -0.012 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:149 Resp: 2446096  
Ion Ratio Lower Upper  
149 100  
167 28.6 22.9 34.3  
279 4.7 3.8 5.8

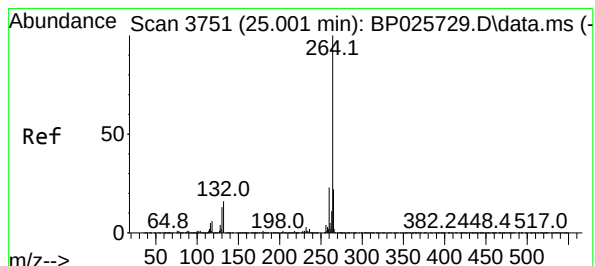
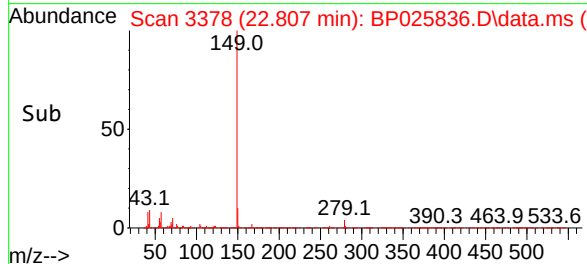
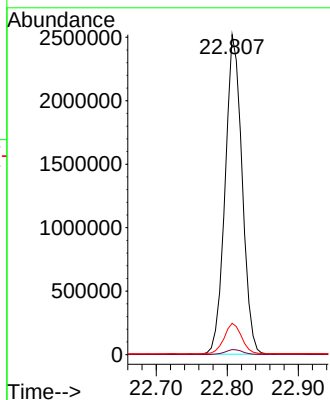
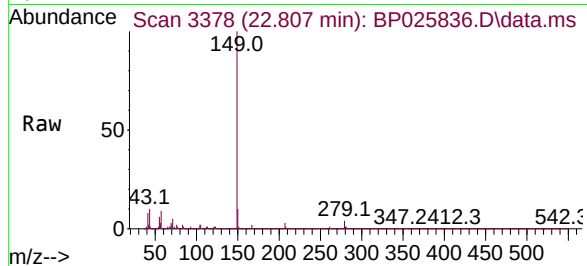




#85  
Di-n-octyl phthalate  
Concen: 53.122 ng  
RT: 22.807 min Scan# 3382  
Delta R.T. -0.023 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

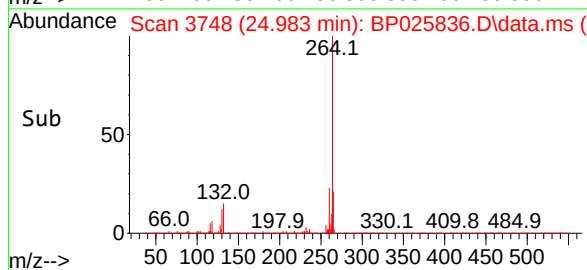
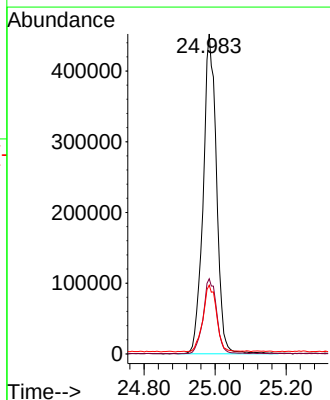
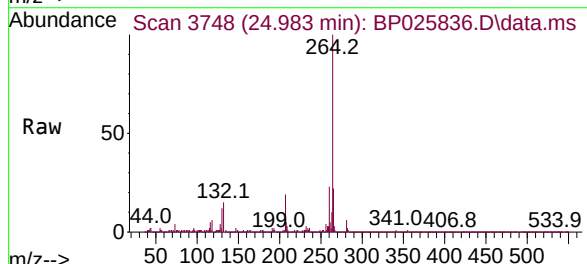
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

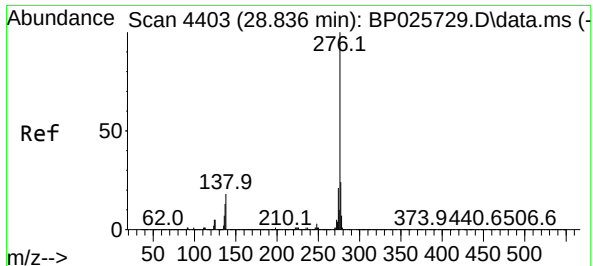
Tgt Ion:149 Resp: 4183044  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 9.8 8.0 12.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.983 min Scan# 3748  
Delta R.T. -0.018 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:264 Resp: 1170740  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.3 27.5  
265 21.5 17.3 25.9

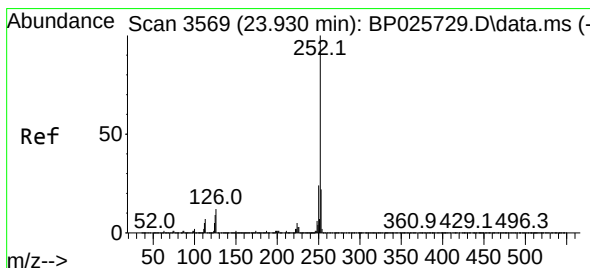
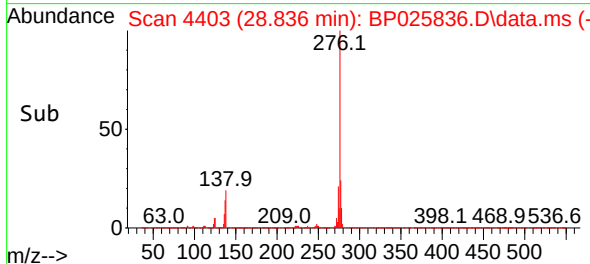
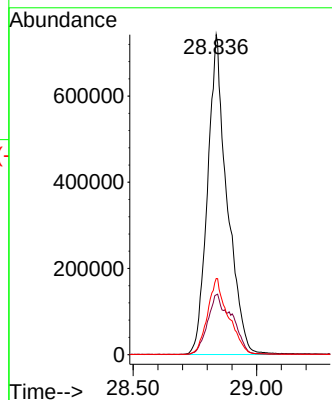
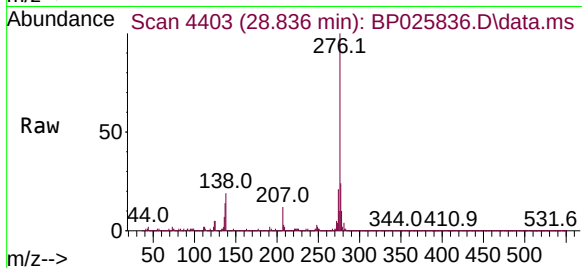




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 47.915 ng  
RT: 28.836 min Scan# 4403  
Delta R.T. 0.000 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

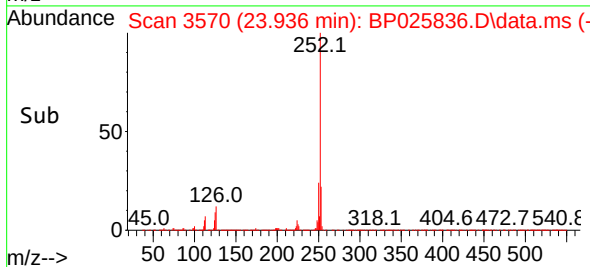
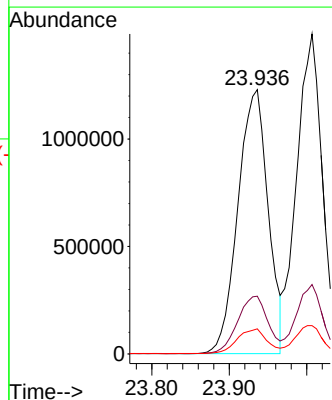
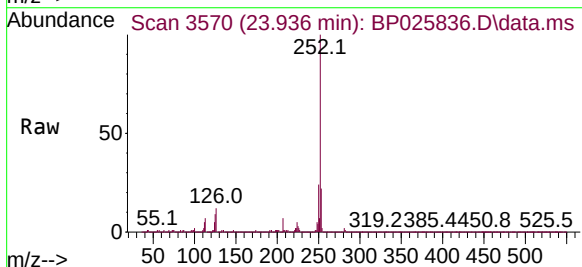
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

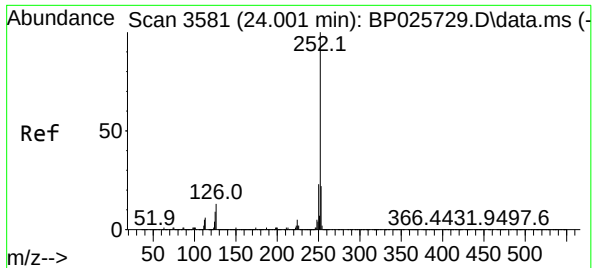
Tgt Ion:276 Resp: 4079428  
Ion Ratio Lower Upper  
276 100  
138 23.3 13.4 20.2#  
277 25.1 9.1 13.7#



#88  
Benzo(b)fluoranthene  
Concen: 46.470 ng  
RT: 23.936 min Scan# 3570  
Delta R.T. 0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:252 Resp: 3326956  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.9 26.9  
125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 46.941 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

Instrument :

BNA\_P

ClientSampleId :

OR-500-COMP-40MSD

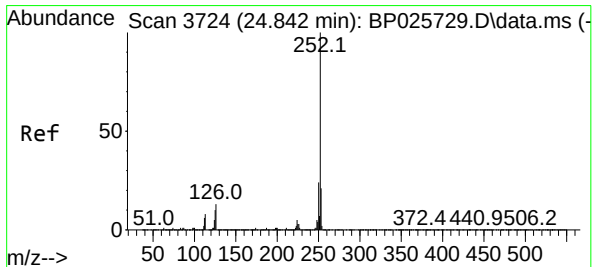
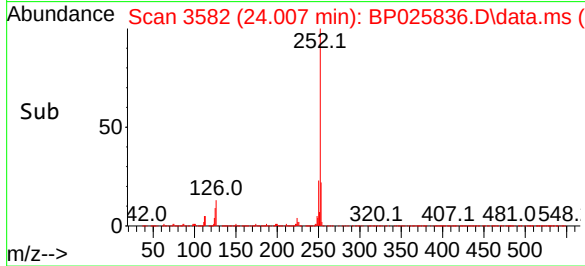
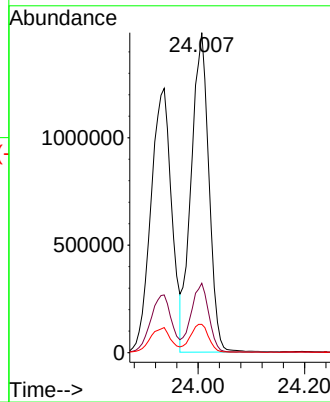
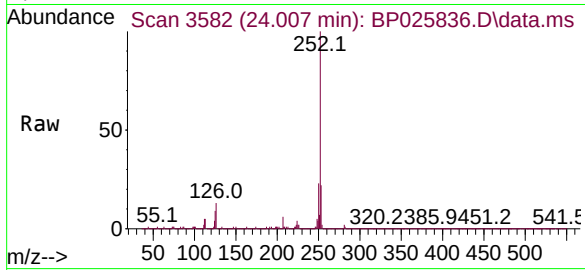
Tgt Ion:252 Resp: 3429343

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.8 7.5 11.3



#90

Benzo(a)pyrene

Concen: 46.298 ng

RT: 24.842 min Scan# 3724

Delta R.T. 0.000 min

Lab File: BP025836.D

Acq: 23 Sep 2025 19:22

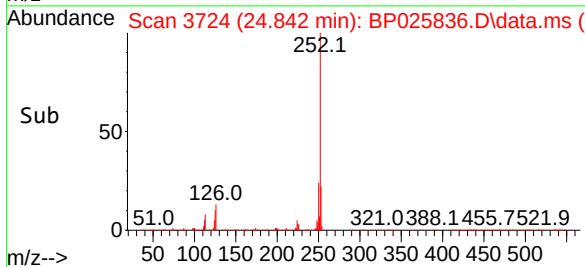
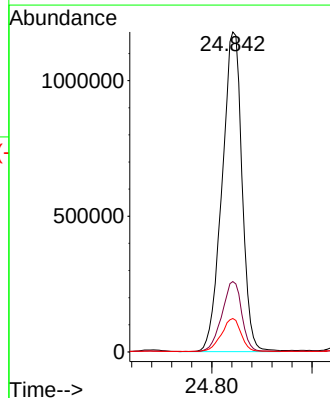
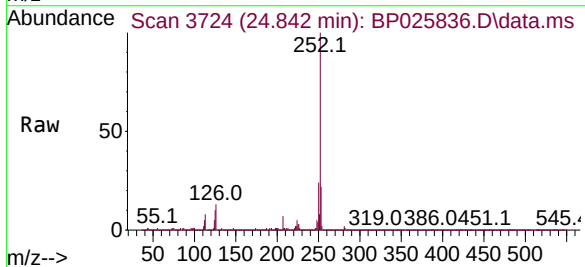
Tgt Ion:252 Resp: 3246023

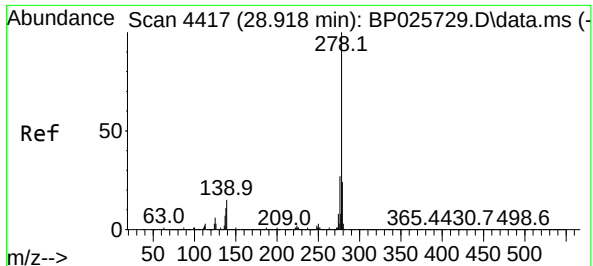
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 10.4 8.3 12.5

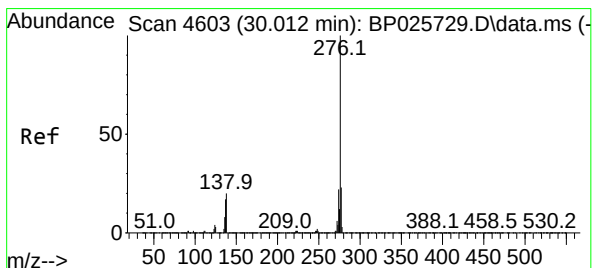
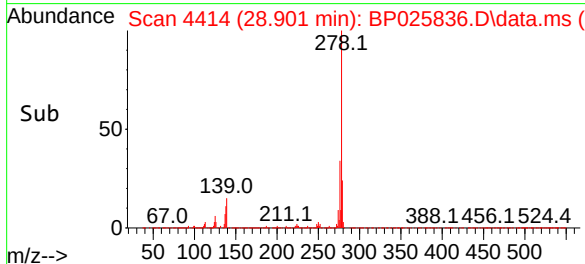
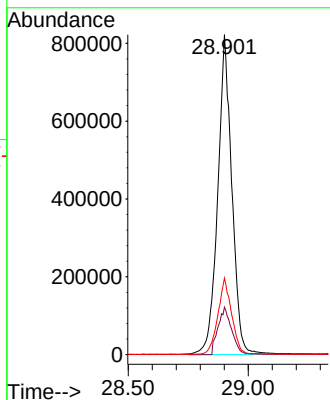
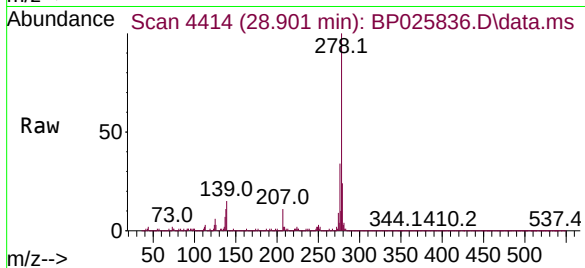




#91  
Dibenzo(a,h)anthracene  
Concen: 48.188 ng  
RT: 28.901 min Scan# 4414  
Delta R.T. -0.018 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

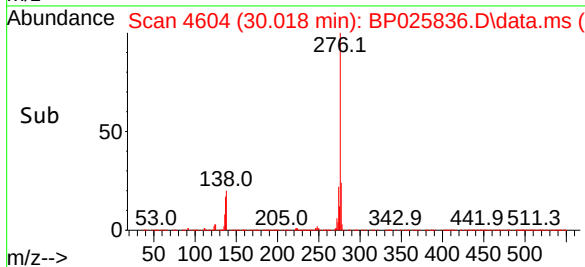
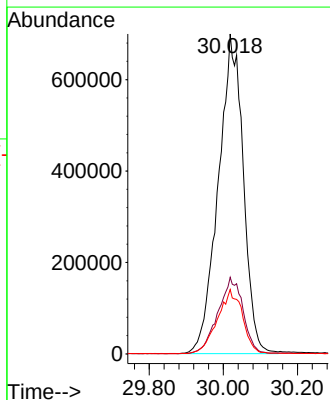
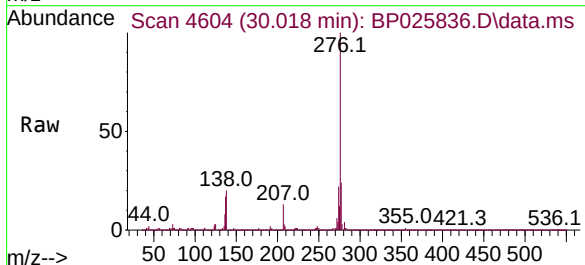
Instrument :  
BNA\_P  
ClientSampleId :  
OR-500-COMP-40MSD

Tgt Ion:278 Resp: 3357344  
Ion Ratio Lower Upper  
278 100  
139 14.8 12.1 18.1  
279 23.9 19.6 29.4



#92  
Benzo(g,h,i)perylene  
Concen: 47.708 ng  
RT: 30.018 min Scan# 4604  
Delta R.T. 0.006 min  
Lab File: BP025836.D  
Acq: 23 Sep 2025 19:22

Tgt Ion:276 Resp: 3268828  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.7 28.1  
138 20.1 16.0 24.0



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | bg082825 | Instrument | BNA_g |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter           | Review By | Review On                | Supervised By | Supervised On            | Reason                      |
|-------------|------------|---------------------|-----------|--------------------------|---------------|--------------------------|-----------------------------|
| SSTDICC005  | BG064219.D | 1,3-Dichlorobenzene | Rahul     | 8/29/2025<br>10:50:29 AM | Jagrut        | 8/29/2025<br>10:59:06 AM | Peak Integrated by Software |
| SSTDICC005  | BG064219.D | 1-Methylnaphthalene | Rahul     | 8/29/2025<br>10:50:29 AM | Jagrut        | 8/29/2025<br>10:59:06 AM | Peak Integrated by Software |
| SSTDICC010  | BG064220.D | Benzoic acid        | Rahul     | 8/29/2025<br>10:50:31 AM | Jagrut        | 8/29/2025<br>10:59:09 AM | Peak Integrated by Software |
| SSTDICC020  | BG064221.D | Benzaldehyde        | Rahul     | 8/29/2025<br>10:50:33 AM | Jagrut        | 8/29/2025<br>10:59:11 AM | Peak Integrated by Software |
| SSTDICCC040 | BG064222.D | Benzoic acid        | Rahul     | 8/29/2025<br>10:50:35 AM | Jagrut        | 8/29/2025<br>10:59:14 AM | Peak Integrated by Software |
| SSTDICC050  | BG064223.D | Benzaldehyde        | Rahul     | 8/29/2025<br>10:50:37 AM | Jagrut        | 8/29/2025<br>10:59:18 AM | Peak Integrated by Software |
| SSTDICC050  | BG064223.D | Benzoic acid        | Rahul     | 8/29/2025<br>10:50:37 AM | Jagrut        | 8/29/2025<br>10:59:18 AM | Peak Integrated by Software |
| SSTDICC060  | BG064224.D | Benzoic acid        | Rahul     | 8/29/2025<br>10:50:40 AM | Jagrut        | 8/29/2025<br>10:59:20 AM | Peak Integrated by Software |
| SSTDICC080  | BG064225.D | Benzoic acid        | Rahul     | 8/29/2025<br>10:50:42 AM | Jagrut        | 8/29/2025<br>10:59:22 AM | Peak Integrated by Software |
| SSTDICV040  | BG064226.D | Benzoic acid        | Rahul     | 8/29/2025<br>10:50:44 AM | Jagrut        | 8/29/2025<br>10:59:25 AM | Peak Integrated by Software |

## Manual Integration Report

Sequence:

BG092325

Instrument

BNA\_g

| Sample ID  | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On        | Reason                      |
|------------|------------|----------------------|-----------|----------------------|---------------|----------------------|-----------------------------|
| SSTDCCC040 | BG064435.D | 1-Methylnaphthalene  | Rahul     | 9/23/2025 3:54:04 PM | mohammad      | 9/25/2025 4:53:38 AM | Peak Integrated by Software |
| Q3155-01   | BG064437.D | Benzo(k)fluoranthene | Rahul     | 9/23/2025 3:54:07 PM | mohammad      | 9/25/2025 4:53:38 AM | Peak Integrated by Software |
| Q3155-02   | BG064438.D | Benzo(k)fluoranthene | Rahul     | 9/23/2025 3:54:09 PM | mohammad      | 9/25/2025 4:53:38 AM | Peak Integrated by Software |
| Q3155-03   | BG064439.D | Benzo(a)pyrene       | Rahul     | 9/23/2025 3:54:12 PM | mohammad      | 9/25/2025 4:53:38 AM | Peak Integrated by Software |
| Q3155-03   | BG064439.D | Benzo(k)fluoranthene | Rahul     | 9/23/2025 3:54:12 PM | mohammad      | 9/25/2025 4:53:38 AM | Peak Integrated by Software |



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | BP091225 | Instrument | BNA_p |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter                  | Review By | Review On                | Supervised By | Supervised On            | Reason                      |
|-------------|------------|----------------------------|-----------|--------------------------|---------------|--------------------------|-----------------------------|
| SSTDICC2.5  | BP025725.D | n-Nitroso-di-n-propylamine | Rahul     | 9/12/2025<br>10:21:39 AM | Jagrut        | 9/12/2025<br>11:46:19 AM | Peak Integrated by Software |
| SSTDICC005  | BP025726.D | 4-Nitroaniline             | Rahul     | 9/12/2025<br>10:21:42 AM | Jagrut        | 9/12/2025<br>11:46:21 AM | Peak Integrated by Software |
| SSTDICC010  | BP025727.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:45 AM | Jagrut        | 9/12/2025<br>11:46:23 AM | Peak Integrated by Software |
| SSTDICC010  | BP025727.D | Benzoic acid               | Rahul     | 9/12/2025<br>10:21:45 AM | Jagrut        | 9/12/2025<br>11:46:23 AM | Peak Integrated by Software |
| SSTDICC010  | BP025727.D | Caprolactam                | Rahul     | 9/12/2025<br>10:21:45 AM | Jagrut        | 9/12/2025<br>11:46:23 AM | Peak Integrated by Software |
| SSTDICC020  | BP025728.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:48 AM | Jagrut        | 9/12/2025<br>11:46:26 AM | Peak Integrated by Software |
| SSTDICCC040 | BP025729.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:51 AM | Jagrut        | 9/12/2025<br>11:46:29 AM | Peak Integrated by Software |
| SSTDICC050  | BP025733.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:53 AM | Jagrut        | 9/12/2025<br>11:49:15 AM | Peak Integrated by Software |
| SSTDICV040  | BP025734.D | Benzaldehyde               | Rahul     | 9/12/2025<br>10:21:56 AM | Jagrut        | 9/12/2025<br>11:49:18 AM | Peak Integrated by Software |
| SSTDICV040  | BP025734.D | Benidine                   | Rahul     | 9/12/2025<br>10:21:56 AM | Jagrut        | 9/12/2025<br>11:49:18 AM | Peak Integrated by Software |
| SSTDCCC040  | BP025744.D | Benzaldehyde               | Rahul     | 9/15/2025 8:28:08 AM     | Jagrut        | 9/15/2025<br>10:12:19 AM | Peak Integrated by Software |
| SSTDCCC040  | BP025744.D | Benzo(g,h,i)perylene       | Rahul     | 9/15/2025 8:28:08 AM     | Jagrut        | 9/15/2025<br>10:12:19 AM | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

BP091225

Instrument

BNA\_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason



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

## Manual Integration Report

Sequence:

BP092325

Instrument

BNA\_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG082825**

| Review By                | Rahul                                                   | Review On         | 8/29/2025 10:48:53 AM |                      |          |
|--------------------------|---------------------------------------------------------|-------------------|-----------------------|----------------------|----------|
| Supervise By             | Jagrut                                                  | Supervise On      | 8/29/2025 10:59:39 AM |                      |          |
| SubDirectory             | BG082825                                                | HP Acquire Method | BNA_G                 | HP Processing Method | bg082825 |
| STD. NAME                |                                                         | STD REF.#         |                       |                      |          |
| Tune/Reschk              | SP6757                                                  |                   |                       |                      |          |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                   |                       |                      |          |
| CCC                      | SP6860                                                  |                   |                       |                      |          |
| Internal Standard/PEM    | S13173,10ul/1000ul sample                               |                   |                       |                      |          |
| ICV/I.BLK                | SP6770                                                  |                   |                       |                      |          |
| Surrogate Standard       |                                                         |                   |                       |                      |          |
| MS/MSD Standard          |                                                         |                   |                       |                      |          |
| LCS Standard             |                                                         |                   |                       |                      |          |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BG064217.D     | 28 Aug 2025 10:11 | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | BG064218.D     | 28 Aug 2025 10:51 | RC/JU    | Ok     |
| 3   | SSTDICC005  | BG064219.D     | 28 Aug 2025 11:32 | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | BG064220.D     | 28 Aug 2025 12:12 | RC/JU    | Ok,M   |
| 5   | SSTDICC020  | BG064221.D     | 28 Aug 2025 12:53 | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | BG064222.D     | 28 Aug 2025 13:33 | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | BG064223.D     | 28 Aug 2025 14:55 | RC/JU    | Ok,M   |
| 8   | SSTDICC060  | BG064224.D     | 28 Aug 2025 15:35 | RC/JU    | Ok,M   |
| 9   | SSTDICC080  | BG064225.D     | 28 Aug 2025 16:16 | RC/JU    | Ok,M   |
| 10  | SSTDICV040  | BG064226.D     | 28 Aug 2025 18:19 | RC/JU    | Ok,M   |
| 11  | PB169325TB  | BG064227.D     | 28 Aug 2025 19:00 | RC/JU    | Ok     |

M : Manual Integration

Instrument ID: **BNA\_G**

**Daily Analysis Runlog For Sequence/QC Batch ID # BG092325**

|                          |                                                         |                      |                      |
|--------------------------|---------------------------------------------------------|----------------------|----------------------|
| Review By                | Rahul                                                   | Review On            | 9/23/2025 3:45:02 PM |
| Supervise By             | mohammad                                                | Supervise On         | 9/25/2025 4:53:38 AM |
| SubDirectory             | BG092325                                                | HP Acquire Method    | BNA_G                |
|                          |                                                         | HP Processing Method | bg082825             |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                      |
| Tune/Reschk              | SP6757                                                  |                      |                      |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |                      |                      |
| CCC                      | SP6860                                                  |                      |                      |
| Internal Standard/PEM    | S13175,10ul/1000ul sample                               |                      |                      |
| ICV/I.BLK                | SP6796                                                  |                      |                      |
| Surrogate Standard       |                                                         |                      |                      |
| MS/MSD Standard          |                                                         |                      |                      |
| LCS Standard             |                                                         |                      |                      |

| Sr# | SampleId   | Data File Name | Date-Time         | Operator | Status |
|-----|------------|----------------|-------------------|----------|--------|
| 1   | DFTPP      | BG064434.D     | 23 Sep 2025 10:47 | RC/JU    | Ok     |
| 2   | SSTDCCC040 | BG064435.D     | 23 Sep 2025 11:28 | RC/JU    | Ok,M   |
| 3   | PB169754TB | BG064436.D     | 23 Sep 2025 12:13 | RC/JU    | Not Ok |
| 4   | Q3155-01   | BG064437.D     | 23 Sep 2025 13:18 | RC/JU    | Ok,M   |
| 5   | Q3155-02   | BG064438.D     | 23 Sep 2025 13:59 | RC/JU    | Ok,M   |
| 6   | Q3155-03   | BG064439.D     | 23 Sep 2025 14:40 | RC/JU    | Ok,M   |

M : Manual Integration

Instrument ID: **BNA\_P**

**Daily Analysis Runlog For Sequence/QC Batch ID # BP091225**

|                          |                                                         |                      |                       |
|--------------------------|---------------------------------------------------------|----------------------|-----------------------|
| Review By                | Rahul                                                   | Review On            | 9/12/2025 10:23:37 AM |
| Supervise By             | Jagrut                                                  | Supervise On         | 9/12/2025 11:49:47 AM |
| SubDirectory             | BP091225                                                | HP Acquire Method    | BNA_P                 |
|                          |                                                         | HP Processing Method | BP091225              |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                       |
| Tune/Reschk              | SP6757                                                  |                      |                       |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |                      |                       |
| CCC                      | SP6836                                                  |                      |                       |
| Internal Standard/PEM    | S13174,10ul/1000ul sample                               |                      |                       |
| ICV/I.BLK                | SP6796                                                  |                      |                       |
| Surrogate Standard       |                                                         |                      |                       |
| MS/MSD Standard          |                                                         |                      |                       |
| LCS Standard             |                                                         |                      |                       |

| Sr# | SampleId   | Data File Name | Date-Time         | Operator | Status |
|-----|------------|----------------|-------------------|----------|--------|
| 1   | DFTPP      | BP025724.D     | 11 Sep 2025 08:09 | CG/JU    | Ok     |
| 2   | SSTDIC2.5  | BP025725.D     | 11 Sep 2025 08:56 | CG/JU    | Ok,M   |
| 3   | SSTDIC005  | BP025726.D     | 11 Sep 2025 09:37 | CG/JU    | Ok,M   |
| 4   | SSTDIC010  | BP025727.D     | 11 Sep 2025 10:18 | CG/JU    | Ok,M   |
| 5   | SSTDIC020  | BP025728.D     | 11 Sep 2025 10:59 | CG/JU    | Ok,M   |
| 6   | SSTDIC040  | BP025729.D     | 11 Sep 2025 12:21 | CG/JU    | Ok,M   |
| 7   | SSTDIC050  | BP025730.D     | 11 Sep 2025 13:02 | CG/JU    | Not Ok |
| 8   | SSTDIC060  | BP025731.D     | 11 Sep 2025 13:43 | CG/JU    | Ok     |
| 9   | SSTDIC080  | BP025732.D     | 11 Sep 2025 14:24 | CG/JU    | Ok     |
| 10  | SSTDIC050  | BP025733.D     | 11 Sep 2025 15:20 | CG/JU    | Ok,M   |
| 11  | SSTDICV040 | BP025734.D     | 11 Sep 2025 16:54 | CG/JU    | Ok,M   |
| 12  | PB169633BL | BP025735.D     | 11 Sep 2025 17:35 | CG/JU    | Ok     |
| 13  | DFTPP      | BP025736.D     | 12 Sep 2025 09:03 | CG/JU    | Ok     |
| 14  | SSTDIC040  | BP025737.D     | 12 Sep 2025 10:24 | CG/JU    | Ok     |
| 15  | PB169490BL | BP025738.D     | 12 Sep 2025 11:05 | CG/JU    | Ok     |
| 16  | Q2893-02   | BP025739.D     | 12 Sep 2025 11:46 | CG/JU    | Ok,M   |
| 17  | Q2893-08   | BP025740.D     | 12 Sep 2025 12:27 | CG/JU    | Ok,M   |
| 18  | Q2893-01   | BP025741.D     | 12 Sep 2025 13:08 | CG/JU    | Ok,M   |
| 19  | Q2893-07   | BP025742.D     | 12 Sep 2025 13:49 | CG/JU    | Ok,M   |
| 20  | PB169499BL | BP025743.D     | 12 Sep 2025 14:30 | CG/JU    | Ok     |
| 21  | SSTDIC040  | BP025744.D     | 12 Sep 2025 15:35 | CG/JU    | Ok,M   |

M : Manual Integration

Instrument ID: **BNA\_P**

**Daily Analysis Runlog For Sequence/QC Batch ID # BP092325**

|                          |                                                         |                      |                      |
|--------------------------|---------------------------------------------------------|----------------------|----------------------|
| Review By                | Rahul                                                   | Review On            | 9/24/2025 8:36:47 AM |
| Supervise By             | mohammad                                                | Supervise On         | 9/25/2025 4:53:29 AM |
| SubDirectory             | BP092325                                                | HP Acquire Method    | BNA_P                |
|                          |                                                         | HP Processing Method | BP091225             |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                        |                      |                      |
| Tune/Reschk              | SP6757                                                  |                      |                      |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |                      |                      |
| CCC                      | SP6836                                                  |                      |                      |
| Internal Standard/PEM    | S13175,10ul/1000ul sample                               |                      |                      |
| ICV/I.BLK                | SP6796                                                  |                      |                      |
| Surrogate Standard       |                                                         |                      |                      |
| MS/MSD Standard          |                                                         |                      |                      |
| LCS Standard             |                                                         |                      |                      |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | DFTPP       | BP025823.D     | 23 Sep 2025 09:41 | CG/JU    | Ok     |
| 2   | SSTDCCC040  | BP025824.D     | 23 Sep 2025 11:03 | CG/JU    | Ok     |
| 3   | PB169765BL  | BP025825.D     | 23 Sep 2025 11:44 | CG/JU    | Ok     |
| 4   | PB169765BS  | BP025826.D     | 23 Sep 2025 12:25 | CG/JU    | Ok     |
| 5   | PB169765BSD | BP025827.D     | 23 Sep 2025 13:07 | CG/JU    | Ok     |
| 6   | PB169774BL  | BP025828.D     | 23 Sep 2025 13:48 | CG/JU    | Ok     |
| 7   | PB169774BS  | BP025829.D     | 23 Sep 2025 14:29 | CG/JU    | Ok     |
| 8   | Q3135-01    | BP025830.D     | 23 Sep 2025 15:14 | CG/JU    | Ok     |
| 9   | Q3151-02    | BP025831.D     | 23 Sep 2025 15:55 | CG/JU    | Ok     |
| 10  | Q3145-01    | BP025832.D     | 23 Sep 2025 16:37 | CG/JU    | Ok     |
| 11  | Q3153-01    | BP025833.D     | 23 Sep 2025 17:18 | CG/JU    | Ok     |
| 12  | Q3153-05    | BP025834.D     | 23 Sep 2025 18:00 | CG/JU    | Ok     |
| 13  | Q3153-05MS  | BP025835.D     | 23 Sep 2025 18:41 | CG/JU    | Ok     |
| 14  | Q3153-05MSD | BP025836.D     | 23 Sep 2025 19:22 | CG/JU    | Ok     |
| 15  | Q3145-03    | BP025837.D     | 23 Sep 2025 20:04 | CG/JU    | Ok     |
| 16  | Q3157-01    | BP025838.D     | 23 Sep 2025 20:45 | CG/JU    | Ok     |

M : Manual Integration

Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG082825**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | Rahul    | Review On            | 8/29/2025 10:48:53 AM |
| Supervise By | Jagrut   | Supervise On         | 8/29/2025 10:59:39 AM |
| SubDirectory | BG082825 | HP Acquire Method    | BNA_G                 |
|              |          | HP Processing Method | bg082825              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6757                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13173,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6770                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID    | Data File Name | Date-Time         | Comment                        | Operator | Status |
|-----|-------------|-------------|----------------|-------------------|--------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP       | BG064217.D     | 28 Aug 2025 10:11 |                                | RC/JU    | Ok     |
| 2   | SSTDICC2.5  | SSTDICC2.5  | BG064218.D     | 28 Aug 2025 10:51 |                                | RC/JU    | Ok     |
| 3   | SSTDICC005  | SSTDICC005  | BG064219.D     | 28 Aug 2025 11:32 |                                | RC/JU    | Ok,M   |
| 4   | SSTDICC010  | SSTDICC010  | BG064220.D     | 28 Aug 2025 12:12 |                                | RC/JU    | Ok,M   |
| 5   | SSTDICC020  | SSTDICC020  | BG064221.D     | 28 Aug 2025 12:53 |                                | RC/JU    | Ok,M   |
| 6   | SSTDICCC040 | SSTDICCC040 | BG064222.D     | 28 Aug 2025 13:33 | compound #54 kept on LR        | RC/JU    | Ok,M   |
| 7   | SSTDICC050  | SSTDICC050  | BG064223.D     | 28 Aug 2025 14:55 |                                | RC/JU    | Ok,M   |
| 8   | SSTDICC060  | SSTDICC060  | BG064224.D     | 28 Aug 2025 15:35 |                                | RC/JU    | Ok,M   |
| 9   | SSTDICC080  | SSTDICC080  | BG064225.D     | 28 Aug 2025 16:16 | Compound #9 revoved from 80PPM | RC/JU    | Ok,M   |
| 10  | SSTDICV040  | ICVBG082825 | BG064226.D     | 28 Aug 2025 18:19 |                                | RC/JU    | Ok,M   |
| 11  | PB169325TB  | PB169325TB  | BG064227.D     | 28 Aug 2025 19:00 |                                | RC/JU    | Ok     |

M : Manual Integration



Instrument ID: BNA\_G

**Daily Analysis Runlog For Sequence/QC Batch ID # BG092325**

|              |          |                      |                      |
|--------------|----------|----------------------|----------------------|
| Review By    | Rahul    | Review On            | 9/23/2025 3:45:02 PM |
| Supervise By | mohammad | Supervise On         | 9/25/2025 4:53:38 AM |
| SubDirectory | BG092325 | HP Acquire Method    | BNA_G                |
|              |          | HP Processing Method | bg082825             |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6757                                                  |
| Initial Calibration Stds | SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864 |
| CCC                      | SP6860                                                  |
| Internal Standard/PEM    | S13175,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6796                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID   | ClientID   | Data File Name | Date-Time         | Comment                                                       | Operator | Status |
|-----|------------|------------|----------------|-------------------|---------------------------------------------------------------|----------|--------|
| 1   | DFTPP      | DFTPP      | BG064434.D     | 23 Sep 2025 10:47 |                                                               | RC/JU    | Ok     |
| 2   | SSTDCCC040 | SSTDCCC040 | BG064435.D     | 23 Sep 2025 11:28 | CCC fail high for many comp &<br>CCC fail lowside for Comp#16 | RC/JU    | Ok,M   |
| 3   | PB169754TB | PB169754TB | BG064436.D     | 23 Sep 2025 12:13 | Analyzed for contamination<br>check.                          | RC/JU    | Not Ok |
| 4   | Q3155-01   | COMP-1     | BG064437.D     | 23 Sep 2025 13:18 |                                                               | RC/JU    | Ok,M   |
| 5   | Q3155-02   | COMP-2     | BG064438.D     | 23 Sep 2025 13:59 |                                                               | RC/JU    | Ok,M   |
| 6   | Q3155-03   | COMP-3     | BG064439.D     | 23 Sep 2025 14:40 |                                                               | RC/JU    | Ok,M   |

M : Manual Integration

Instrument ID: BNA\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # BP091225**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | Rahul    | Review On            | 9/12/2025 10:23:37 AM |
| Supervise By | Jagrut   | Supervise On         | 9/12/2025 11:49:47 AM |
| SubDirectory | BP091225 | HP Acquire Method    | BNA_P                 |
|              |          | HP Processing Method | BP091225              |

| STD. NAME                | STD REF.#                                               |
|--------------------------|---------------------------------------------------------|
| Tune/Reschk              | SP6757                                                  |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC                      | SP6836                                                  |
| Internal Standard/PEM    | S13174,10ul/1000ul sample                               |
| ICV/I.BLK                | SP6796                                                  |
| Surrogate Standard       |                                                         |
| MS/MSD Standard          |                                                         |
| LCS Standard             |                                                         |

| Sr# | SampleID    | ClientID            | Data File Name | Date-Time         | Comment                         | Operator | Status |
|-----|-------------|---------------------|----------------|-------------------|---------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP               | BP025724.D     | 11 Sep 2025 08:09 |                                 | CG/JU    | Ok     |
| 2   | SSTDICC2.5  | SSTDICC2.5          | BP025725.D     | 11 Sep 2025 08:56 |                                 | CG/JU    | Ok,M   |
| 3   | SSTDICC005  | SSTDICC005          | BP025726.D     | 11 Sep 2025 09:37 |                                 | CG/JU    | Ok,M   |
| 4   | SSTDICC010  | SSTDICC010          | BP025727.D     | 11 Sep 2025 10:18 |                                 | CG/JU    | Ok,M   |
| 5   | SSTDICC020  | SSTDICC020          | BP025728.D     | 11 Sep 2025 10:59 |                                 | CG/JU    | Ok,M   |
| 6   | SSTDICCC040 | SSTDICCC040         | BP025729.D     | 11 Sep 2025 12:21 | Compound#54 & 56 are Kept on LR | CG/JU    | Ok,M   |
| 7   | SSTDICC050  | SSTDICC050          | BP025730.D     | 11 Sep 2025 13:02 | Not Used                        | CG/JU    | Not Ok |
| 8   | SSTDICC060  | SSTDICC060          | BP025731.D     | 11 Sep 2025 13:43 |                                 | CG/JU    | Ok     |
| 9   | SSTDICC080  | SSTDICC080          | BP025732.D     | 11 Sep 2025 14:24 |                                 | CG/JU    | Ok     |
| 10  | SSTDICC050  | SSTDICC050          | BP025733.D     | 11 Sep 2025 15:20 |                                 | CG/JU    | Ok,M   |
| 11  | SSTDICV040  | ICVBP091225         | BP025734.D     | 11 Sep 2025 16:54 |                                 | CG/JU    | Ok,M   |
| 12  | PB169633BL  | PB169633BL          | BP025735.D     | 11 Sep 2025 17:35 |                                 | CG/JU    | Ok     |
| 13  | DFTPP       | DFTPP               | BP025736.D     | 12 Sep 2025 09:03 |                                 | CG/JU    | Ok     |
| 14  | SSTDCCC040  | SSTDCCC040          | BP025737.D     | 12 Sep 2025 10:24 |                                 | CG/JU    | Ok     |
| 15  | PB169490BL  | PB169490BL          | BP025738.D     | 12 Sep 2025 11:05 |                                 | CG/JU    | Ok     |
| 16  | Q2893-02    | LOQ-SOIL-02-QT3-202 | BP025739.D     | 12 Sep 2025 11:46 | LOQ-SOIL-10PPM                  | CG/JU    | Ok,M   |
| 17  | Q2893-08    | LOQ-WATER-02-QT3-2  | BP025740.D     | 12 Sep 2025 12:27 | LOQ-WATER-10 PPM                | CG/JU    | Ok,M   |

Instrument ID: BNA\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # BP091225**

| Review By                | Rahul                                                   | Review On         | 9/12/2025 10:23:37 AM |                      |          |
|--------------------------|---------------------------------------------------------|-------------------|-----------------------|----------------------|----------|
| Supervise By             | Jagrut                                                  | Supervise On      | 9/12/2025 11:49:47 AM |                      |          |
| SubDirectory             | BP091225                                                | HP Acquire Method | BNA_P                 | HP Processing Method | BP091225 |
| STD. NAME                | STD REF.#                                               |                   |                       |                      |          |
| Tune/Reschk              | SP6757                                                  |                   |                       |                      |          |
| Initial Calibration Stds | SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |                   |                       |                      |          |
| CCC                      | SP6836                                                  |                   |                       |                      |          |
| Internal Standard/PEM    | S13174,10ul/1000ul sample                               |                   |                       |                      |          |
| ICV/I.BLK                | SP6796                                                  |                   |                       |                      |          |
| Surrogate Standard       |                                                         |                   |                       |                      |          |
| MS/MSD Standard          |                                                         |                   |                       |                      |          |
| LCS Standard             |                                                         |                   |                       |                      |          |

|    |            |                     |            |                   |                    |       |      |
|----|------------|---------------------|------------|-------------------|--------------------|-------|------|
| 18 | Q2893-01   | LOD-MDL-SOIL-01-QT  | BP025741.D | 12 Sep 2025 13:08 | LOD-MDL-SOIL-8PPM  | CG/JU | Ok,M |
| 19 | Q2893-07   | LOD-MDL-WATER-01-QT | BP025742.D | 12 Sep 2025 13:49 | LOD-MDL-WATER-8PPM | CG/JU | Ok,M |
| 20 | PB169499BL | PB169499BL          | BP025743.D | 12 Sep 2025 14:30 |                    | CG/JU | Ok   |
| 21 | SSTDCCC040 | SSTDCCC040EC        | BP025744.D | 12 Sep 2025 15:35 |                    | CG/JU | Ok,M |

M : Manual Integration

Instrument ID: BNA\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # BP092325**

|              |          |                      |                      |
|--------------|----------|----------------------|----------------------|
| Review By    | Rahul    | Review On            | 9/24/2025 8:36:47 AM |
| Supervise By | mohammad | Supervise On         | 9/25/2025 4:53:29 AM |
| SubDirectory | BP092325 | HP Acquire Method    | BNA_P                |
|              |          | HP Processing Method | BP091225             |

| STD. NAME                                                                                          | STD REF.#                                                         |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds                                                            | SP6757<br>SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840 |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | SP6836<br>S13175,10ul/1000ul sample<br>SP6796                     |

| Sr# | SampleID    | ClientID          | Data File Name | Date-Time         | Comment                                                             | Operator | Status |
|-----|-------------|-------------------|----------------|-------------------|---------------------------------------------------------------------|----------|--------|
| 1   | DFTPP       | DFTPP             | BP025823.D     | 23 Sep 2025 09:41 |                                                                     | CG/JU    | Ok     |
| 2   | SSTDCCC040  | SSTDCCC040        | BP025824.D     | 23 Sep 2025 11:03 | CCC fail highside for comp#9,35,56 & marginally lowside for comp#92 | CG/JU    | Ok     |
| 3   | PB169765BL  | PB169765BL        | BP025825.D     | 23 Sep 2025 11:44 |                                                                     | CG/JU    | Ok     |
| 4   | PB169765BS  | PB169765BS        | BP025826.D     | 23 Sep 2025 12:25 | few compound recovery fail                                          | CG/JU    | Ok     |
| 5   | PB169765BSD | PB169765BSD       | BP025827.D     | 23 Sep 2025 13:07 | few compound recovery fail                                          | CG/JU    | Ok     |
| 6   | PB169774BL  | PB169774BL        | BP025828.D     | 23 Sep 2025 13:48 |                                                                     | CG/JU    | Ok     |
| 7   | PB169774BS  | PB169774BS        | BP025829.D     | 23 Sep 2025 14:29 |                                                                     | CG/JU    | Ok     |
| 8   | Q3135-01    | MH-121            | BP025830.D     | 23 Sep 2025 15:14 |                                                                     | CG/JU    | Ok     |
| 9   | Q3151-02    | 1402              | BP025831.D     | 23 Sep 2025 15:55 |                                                                     | CG/JU    | Ok     |
| 10  | Q3145-01    | SP-A              | BP025832.D     | 23 Sep 2025 16:37 |                                                                     | CG/JU    | Ok     |
| 11  | Q3153-01    | OR-500-COMP-39    | BP025833.D     | 23 Sep 2025 17:18 |                                                                     | CG/JU    | Ok     |
| 12  | Q3153-05    | OR-500-COMP-40    | BP025834.D     | 23 Sep 2025 18:00 |                                                                     | CG/JU    | Ok     |
| 13  | Q3153-05MS  | OR-500-COMP-40MS  | BP025835.D     | 23 Sep 2025 18:41 |                                                                     | CG/JU    | Ok     |
| 14  | Q3153-05MSD | OR-500-COMP-40MSD | BP025836.D     | 23 Sep 2025 19:22 |                                                                     | CG/JU    | Ok     |
| 15  | Q3145-03    | SP-B              | BP025837.D     | 23 Sep 2025 20:04 |                                                                     | CG/JU    | Ok     |
| 16  | Q3157-01    | 20-DEAD-1         | BP025838.D     | 23 Sep 2025 20:45 |                                                                     | CG/JU    | Ok     |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: JIGNESH  
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:10  
In Date: 09/19/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:37  
Out Date: 09/20/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137247

| 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           |
|----------|--------------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|--------------------|
| Q3143-05 | SVOC-GPC-BLANK           | 1      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                    |
| Q3143-06 | PEST-GPC-BLANK           | 2      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                    |
| Q3143-07 | PEST-GPC-BLANK-SPIKE     | 3      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                    |
| Q3143-08 | SVOC-GPC2-BLANK          | 4      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                    |
| Q3143-09 | PEST-GPC2-BLANK          | 5      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                    |
| Q3143-10 | PEST -GPC2-BLANK-SPIKE   | 6      | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |                    |
| Q3145-01 | SP-A                     | 7      | 1.14            | 10.75         | 11.89                    | 10.28                      | 85.0    |                    |
| Q3145-02 | SP-A-EPH-2               | 8      | 1.19            | 10.41         | 11.6                     | 10.1                       | 85.6    |                    |
| Q3145-03 | SP-B                     | 9      | 1.19            | 10.10         | 11.29                    | 9.75                       | 84.8    |                    |
| Q3145-04 | SP-B-EPH-2               | 10     | 1.13            | 10.64         | 11.77                    | 10.28                      | 86.0    |                    |
| Q3146-01 | MECHANIC-ST-PAINT-CHIP S | 11     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | PAINT CHIPS SAMPLE |
| Q3147-01 | S-1                      | 12     | 1.18            | 10.22         | 11.4                     | 10.7                       | 93.2    |                    |
| Q3147-02 | S-2                      | 13     | 1.16            | 10.55         | 11.71                    | 10.8                       | 91.4    |                    |
| Q3147-03 | S-3                      | 14     | 1.19            | 10.42         | 11.61                    | 10.84                      | 92.6    |                    |
| Q3147-04 | S-4                      | 15     | 1.16            | 10.21         | 11.37                    | 10.34                      | 89.9    |                    |
| Q3147-05 | S-5                      | 16     | 1.19            | 10.13         | 11.32                    | 10.6                       | 92.9    |                    |
| Q3147-06 | S-6                      | 17     | 1.19            | 10.36         | 11.55                    | 10.74                      | 92.2    |                    |
| Q3147-07 | S-7                      | 18     | 1.19            | 10.72         | 11.91                    | 11.00                      | 91.5    |                    |
| Q3147-08 | S-8                      | 19     | 1.16            | 10.55         | 11.71                    | 10.7                       | 90.4    |                    |
| Q3147-09 | S-9                      | 20     | 1.19            | 10.28         | 11.47                    | 10.55                      | 91.1    |                    |
| Q3147-10 | S-10                     | 21     | 1.19            | 10.77         | 11.96                    | 11.32                      | 94.1    |                    |
| Q3147-11 | S-11                     | 22     | 1.17            | 10.58         | 11.75                    | 10.97                      | 92.6    |                    |
| Q3147-12 | S-12                     | 23     | 1.13            | 10.67         | 11.8                     | 10.88                      | 91.4    |                    |
| Q3147-13 | S-13                     | 24     | 1.19            | 10.70         | 11.89                    | 11.15                      | 93.1    |                    |
| Q3147-14 | S-14                     | 25     | 1.19            | 10.39         | 11.58                    | 10.85                      | 93.0    |                    |
| Q3147-15 | S-15                     | 26     | 1.11            | 10.77         | 11.88                    | 10.96                      | 91.5    |                    |
| Q3147-16 | S-16                     | 27     | 1.19            | 10.32         | 11.51                    | 10.47                      | 89.9    |                    |
| Q3147-17 | S-17                     | 28     | 1.15            | 10.58         | 11.73                    | 10.8                       | 91.2    |                    |



PERCENT SOLID

Supervisor: Iwona  
Analyst: JIGNESH  
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:10  
In Date: 09/19/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:37  
Out Date: 09/20/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137247

| 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   |
|----------|-------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|------------|
| Q3147-18 | S-18              | 29     | 1.18            | 10.70         | 11.88                    | 10.95                      | 91.3    |            |
| Q3147-19 | S-19              | 30     | 1.14            | 10.92         | 12.06                    | 11.17                      | 91.8    |            |
| Q3147-20 | S-20              | 31     | 1.15            | 11.56         | 12.71                    | 11.72                      | 91.4    |            |
| Q3147-21 | S-21              | 32     | 1.18            | 10.61         | 11.79                    | 10.96                      | 92.2    |            |
| Q3147-22 | S-22              | 33     | 1.19            | 11.06         | 12.25                    | 11.15                      | 90.1    |            |
| Q3147-23 | S-23              | 34     | 1.15            | 10.40         | 11.55                    | 10.6                       | 90.9    |            |
| Q3147-24 | S-24              | 35     | 1.19            | 10.75         | 11.94                    | 11.14                      | 92.6    |            |
| Q3147-25 | S-25              | 36     | 1.18            | 10.24         | 11.42                    | 10.72                      | 93.2    |            |
| Q3147-26 | S-26              | 37     | 1.15            | 10.35         | 11.5                     | 11.04                      | 95.6    |            |
| Q3147-27 | S-27              | 38     | 1.15            | 10.26         | 11.41                    | 10.27                      | 88.9    |            |
| Q3147-28 | S-28              | 39     | 1.16            | 11.34         | 12.5                     | 11.72                      | 93.1    |            |
| Q3147-29 | S-29              | 40     | 1.19            | 11.23         | 12.42                    | 11.42                      | 91.1    |            |
| Q3147-30 | S-30              | 41     | 1.13            | 10.34         | 11.47                    | 10.94                      | 94.9    |            |
| Q3147-31 | S-31              | 42     | 1.15            | 11.25         | 12.4                     | 11.9                       | 95.6    |            |
| Q3147-32 | S-32              | 43     | 1.15            | 10.91         | 12.06                    | 11.51                      | 95.0    |            |
| Q3150-01 | MER Rd Con Ed     | 44     | 1.15            | 10.51         | 11.66                    | 10.67                      | 90.6    |            |
| Q3150-02 | MER Rd Con Ed     | 45     | 1.15            | 10.51         | 11.66                    | 10.67                      | 90.6    |            |
| Q3150-03 | Mid Site Grid 5-7 | 46     | 1.16            | 10.02         | 11.18                    | 8.85                       | 76.7    |            |
| Q3150-04 | Mid Site Grid 5-7 | 47     | 1.16            | 10.02         | 11.18                    | 8.85                       | 76.7    |            |
| Q3151-01 | MH-OIL            | 48     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | oil sample |
| Q3152-01 | EO-02-091925      | 49     | 1.14            | 10.86         | 12.00                    | 11.16                      | 92.3    |            |
| Q3152-02 | EO-02-091925-E2   | 50     | 1.14            | 10.38         | 11.52                    | 10.64                      | 91.5    |            |
| Q3153-01 | OR-500-COMP-39    | 51     | 1.18            | 10.64         | 11.82                    | 11.07                      | 93.0    |            |
| Q3153-02 | OR-500-VOC-115    | 52     | 1.17            | 10.52         | 11.69                    | 11.13                      | 94.7    |            |
| Q3153-03 | OR-500-115        | 53     | 1.19            | 10.49         | 11.68                    | 10.88                      | 92.4    |            |
| Q3153-05 | OR-500-COMP-40    | 54     | 1.19            | 10.15         | 11.34                    | 10.00                      | 86.8    |            |
| Q3153-06 | OR-500-VOC-116    | 55     | 1.14            | 10.30         | 11.44                    | 10.41                      | 90.0    |            |
| Q3153-07 | OR-500-116        | 56     | 1.13            | 10.37         | 11.5                     | 10.15                      | 87.0    |            |



PERCENT SOLID

Supervisor: Iwona  
Analyst: JIGNESH  
Date: 9/22/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:10  
In Date: 09/19/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:37  
Out Date: 09/20/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137247

| 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 |
|----------|-----------------|--------|----------------|--------------|-------------------------|---------------------------|---------|----------|
| Q3155-01 | COMP-1          | 57     | 1.11           | 10.26        | 11.37                   | 10.12                     | 87.8    |          |
| Q3155-02 | COMP-2          | 58     | 1.14           | 10.30        | 11.44                   | 10.52                     | 91.1    |          |
| Q3155-03 | COMP-3          | 59     | 1.18           | 10.23        | 11.41                   | 10.57                     | 91.8    |          |
| Q3157-01 | 20-DEAD-1       | 60     | 1.19           | 10.91        | 12.1                    | 11.11                     | 90.9    |          |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

| Sample   | Customer Sample         | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3143-05 | SVOC-GPC-BLANK          | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | I52                         | 09/12/2025   | Chemtech -SO |
| Q3143-06 | PEST-GPC-BLANK          | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | I52                         | 09/12/2025   | Chemtech -SO |
| Q3143-07 | PEST-GPC-BLANK-SPIKE    | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | I52                         | 09/12/2025   | Chemtech -SO |
| Q3143-08 | SVOC-GPC2-BLANK         | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | I52                         | 09/12/2025   | Chemtech -SO |
| Q3143-09 | PEST-GPC2-BLANK         | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | I52                         | 09/12/2025   | Chemtech -SO |
| Q3143-10 | PEST -GPC2-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | I52                         | 09/12/2025   | Chemtech -SO |
| Q3145-01 | SP-A                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3145-02 | SP-A-EPH-2              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3145-03 | SP-B                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3145-04 | SP-B-EPH-2              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3146-01 | MECHANIC-ST-PAINT-CHIPS | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 09/19/2025   | Chemtech -SO |
| Q3147-01 | S-1                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-02 | S-2                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-03 | S-3                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-04 | S-4                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-05 | S-5                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-06 | S-6                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-07 | S-7                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-08 | S-8                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-09 | S-9                     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-10 | S-10                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |

Date/Time 09-19-25 15:00

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC

Date/Time 09-19-25

Raw Sample Received by: JWC

Raw Sample Relinquished by: JWC



# WORKLIST(Hardcopy Internal Chain)

13247

WorkList Name : %1-091925

WorkList ID : 191953

Department : Wet-Chemistry

Date : 09-19-2025 09:51:17

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3147-11 | S-11            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-12 | S-12            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-13 | S-13            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-14 | S-14            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-15 | S-15            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-16 | S-16            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-17 | S-17            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-18 | S-18            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-19 | S-19            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-20 | S-20            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-21 | S-21            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-22 | S-22            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-23 | S-23            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-24 | S-24            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-25 | S-25            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-26 | S-26            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-27 | S-27            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-28 | S-28            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-29 | S-29            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-30 | S-30            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3147-31 | S-31            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |

Date/Time 09-19-25 15:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 09-19-25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

W 13247

WorkList Name : %1-091925      WorkList ID : 191953      Department : Wet-Chemistry      Date : 09-19-2025 09:51:17

| Sample   | Customer Sample   | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3147-32 | S-32              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/15/2025   | Chemtech -SO |
| Q3150-01 | MER Rd Con Ed     | Solid  | Percent Solids | Cool 4 deg C | SCAL01   | J23                         | 09/18/2025   | Chemtech -SO |
| Q3150-02 | MER Rd Con Ed     | Solid  | Percent Solids | Cool 4 deg C | SCAL01   | J23                         | 09/18/2025   | Chemtech -SO |
| Q3150-03 | Mid Site Grid 5-7 | Solid  | Percent Solids | Cool 4 deg C | SCAL01   | J23                         | 09/18/2025   | Chemtech -SO |
| Q3150-04 | Mid Site Grid 5-7 | Solid  | Percent Solids | Cool 4 deg C | SCAL01   | J23                         | 09/18/2025   | Chemtech -SO |
| Q3151-01 | MH-OIL            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3152-01 | EO-02-091925      | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3152-02 | EO-02-091925-E2   | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3153-01 | OR-500-COMP-39    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3153-02 | OR-500-VOC-115    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3153-03 | OR-500-115        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3153-05 | OR-500-COMP-40    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3153-06 | OR-500-VOC-116    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3153-07 | OR-500-116        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | Chemtech -SO |
| Q3155-01 | COMP-1            | Solid  | Percent Solids | Cool 4 deg C | POWE02   | D41                         | 09/19/2025   | Chemtech -SO |
| Q3155-02 | COMP-2            | Solid  | Percent Solids | Cool 4 deg C | POWE02   | D41                         | 09/19/2025   | Chemtech -SO |
| Q3155-03 | COMP-3            | Solid  | Percent Solids | Cool 4 deg C | POWE02   | D41                         | 09/19/2025   | Chemtech -SO |
| Q3157-01 | 20-DEAD-1         | Solid  | Percent Solids | Cool 4 deg C | ALWA01   | D31                         | 09/19/2025   | Chemtech -SO |

Date/Time 09-19-25 15:00

Raw Sample Received by: JP WPC

Raw Sample Relinquished by: JP WPC

Date/Time 09-19-25 17:20

Raw Sample Received by: JP WPC

Raw Sample Relinquished by: JP WPC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix: Solid

Weight By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 09/22/2025

Extraction Start Time: 09:30

Extraction End Date: 09/22/2025

Extraction End Time: 12:45

Concentration By: EH

Supervisor By: ritesh

Extraction Method: ☐ Separatory Funnel ☐ Continuous 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           | 1.0ML    | 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            | EP2639     |
| Methylene Chloride | N/A            | E3973      |
| 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.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

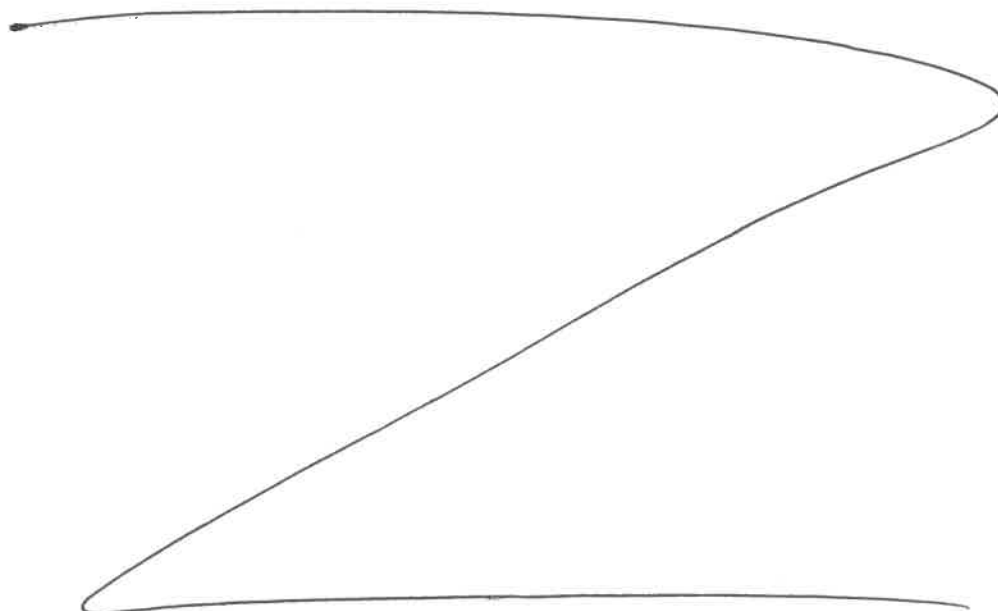
Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 9/22/25     | RJ (Ext-Lab)                            | Rel/Strac            |
| 12:50       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/22/2025

| Sample ID       | Client Sample ID  | Test                | PSY mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|-------------------|---------------------|--------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                   |                     |        |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB169774BL      | SBLK774           | SVOC-TCL BNA<br>-20 | 30.01  | N/A | Evelyn         | ritesh     | 1                  |       |          | U2-1        |
| PB169774BS      | SLCS774           | SVOC-TCL BNA<br>-20 | 30.02  | N/A | Evelyn         | ritesh     | 1                  |       |          | 2           |
| Q3145-01        | SP-A              | SVOC-TCL BNA<br>-20 | 50.06  | N/A | Evelyn         | ritesh     | 1                  | E     |          | 3           |
| Q3145-03        | SP-B              | SVOC-TCL BNA<br>-20 | 50.03  | N/A | Evelyn         | ritesh     | 1                  | E     |          | 4           |
| Q3150-02        | MER RD CON ED     | SVOCMS<br>Group1    | 30.04  | N/A | Evelyn         | ritesh     | 1                  |       |          | 5           |
| Q3150-04        | MID SITE GRID 5-7 | SVOCMS<br>Group1    | 30.07  | N/A | Evelyn         | ritesh     | 1                  |       |          | 6           |
| Q3152-01        | EO-02-091925      | SVOC-TCL BNA<br>-20 | 50.05  | N/A | Evelyn         | ritesh     | 1                  | E     |          | U3-1        |
| Q3153-01        | OR-500-COMP-39    | SVOC-TCL BNA<br>-20 | 50.08  | N/A | Evelyn         | ritesh     | 1                  | D     |          | 2           |
| Q3153-05        | OR-500-COMP-40    | SVOC-TCL BNA<br>-20 | 50.03  | N/A | Evelyn         | ritesh     | 1                  | D     |          | 3           |
| Q3153-05MS      | OR-500-COMP-40MS  | SVOC-TCL BNA<br>-20 | 50.01  | N/A | Evelyn         | ritesh     | 1                  | D     |          | 4           |
| Q3153-05MS<br>D | OR-500-COMP-40MSD | SVOC-TCL BNA<br>-20 | 50.06  | N/A | Evelyn         | ritesh     | 1                  | D     |          | 5           |
| Q3155-01        | COMP-1            | SVOCMS<br>Group1    | 30.05  | N/A | Evelyn         | ritesh     | 1                  | E     |          | 6           |
| Q3155-02        | COMP-2            | SVOCMS<br>Group1    | 30.03  | N/A | Evelyn         | ritesh     | 1                  | E     |          | U4-1        |
| Q3155-03        | COMP-3            | SVOCMS<br>Group1    | 30.06  | N/A | Evelyn         | ritesh     | 1                  | E     |          | 2           |
| Q3157-01        | 20-DEAD-1         | SVOC-TCL BNA<br>-20 | 30.08  | N/A | Evelyn         | ritesh     | 1                  | E     |          | 3           |



R3  
9/22

\* Extracts relinquished on the same date as received.

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3145      WorkList ID : 191986      Department : Extraction      Date : 09-22-2025 09:18:49

| Sample   | Customer Sample   | Matrix | Test             | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-------------------|--------|------------------|--------------|----------|-----------------------------|--------------|--------|
| Q3145-01 | SP-A              | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | 8270E  |
| Q3145-03 | SP-B              | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | 8270E  |
| Q3150-02 | MER Rd Con Ed     | Solid  | SVOCMS Group1    | Cool 4 deg C | SCAL01   | J23                         | 09/18/2025   | 8270E  |
| Q3150-04 | Mid Site Grid 5-7 | Solid  | SVOCMS Group1    | Cool 4 deg C | SCAL01   | J23                         | 09/18/2025   | 8270E  |
| Q3152-01 | EO-02-091925      | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG05   | D31                         | 09/19/2025   | 8270E  |
| Q3153-01 | OR-500-COMP-39    | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | 8270E  |
| Q3153-05 | OR-500-COMP-40    | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | PSEG03   | D31                         | 09/19/2025   | 8270E  |
| Q3155-01 | COMP-1            | Solid  | SVOCMS Group1    | Cool 4 deg C | POWE02   | D41                         | 09/19/2025   | 8270E  |
| Q3155-02 | COMP-2            | Solid  | SVOCMS Group1    | Cool 4 deg C | POWE02   | D41                         | 09/19/2025   | 8270E  |
| Q3155-03 | COMP-3            | Solid  | SVOCMS Group1    | Cool 4 deg C | POWE02   | D41                         | 09/19/2025   | 8270E  |
| Q3157-01 | 20-DEAD-1         | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | ALWA01   | D31                         | 09/19/2025   | 8270E  |

Date/Time 9/22/25 9:25  
Raw Sample Received by: RJ FLY- (Lab)  
Raw Sample Relinquished by: [Signature]

Date/Time 9/22/25 9:50  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: RJ FLY- (Lab)



# SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: **Kleinfelder**  
ADDRESS: **180 Sheree Blvd. Suite 3800**  
CITY: **Exton** STATE: **PA** ZIP: **19341**  
ATTENTION: **Mark Warchol**  
PHONE: **484-883-3892** FAX:

PROJECT NAME: **Tanner Duckrey School**  
PROJECT NO.: **2002048.001A** LOCATION: **Philadelphia**  
PROJECT MANAGER: **Mark Warchol**  
e-mail: **mwarchol@kleinfelder.com**  
PHONE: **484-883-3892** FAX:

BILL TO: PO#: **Same**  
ADDRESS: **Same**  
CITY: STATE: ZIP:  
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) **5** DAYS\*  
HARDCOPY (DATA PACKAGE): **5** DAYS\*  
EDD: **5** DAYS\*

☐ 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

\*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

1 2 3 4 5 6 7 8 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 D-NaOH<br>B-HNO3 E-ICE<br>C-H2SO4 F-OTHER |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|----------------------------------------------------------------------------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                                                                            |
| 1.                       | COMP-1                           | Soil             | ✓              |      | 9/19/25              | 9:55  | 6            | ✓ |   |   |   |   |   |   |   |   |                                                                            |
| 2.                       | COMP-2                           | ↓                | ↓              |      | ↓                    | 10:40 | ↓            | ↓ |   |   |   |   |   |   |   |   |                                                                            |
| 3.                       | COMP-3                           | ↓                | ↓              |      | ↓                    | 11:30 | ↓            | ↓ |   |   |   |   |   |   |   |   |                                                                            |
| 4.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |                                                                            |
| 5.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |                                                                            |
| 6.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |                                                                            |
| 7.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |                                                                            |
| 8.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |                                                                            |
| 9.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |                                                                            |
| 10.                      |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |                                                                            |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                                                   |                                             |                                    |                                                                                                                                                                                                             |
|---------------------------------------------------|---------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <b>[Signature]</b> | DATE/TIME:<br><b>9/18/25</b>                | RECEIVED BY:<br><b>[Signature]</b> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <b>4.62</b> °C                                  |
| RELINQUISHED BY SAMPLER:<br>2. <b>FedEx</b>       | DATE/TIME:<br><b>9-19-25</b><br><b>1155</b> | RECEIVED BY:<br><b>[Signature]</b> | Comments:                                                                                                                                                                                                   |
| RELINQUISHED BY SAMPLER:<br>3.                    | DATE/TIME:                                  | RECEIVED BY:                       | Page <b>1</b> of <b>1</b> CLIENT: <input type="checkbox"/> Hand Delivered <input checked="" type="checkbox"/> Other <b>FedEx</b> Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> 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**

YG 09/29/2025

|                                       |               |                                                  |                                            |
|---------------------------------------|---------------|--------------------------------------------------|--------------------------------------------|
| <b>Order ID :</b> Q3155               | <b>POWE02</b> | <b>Order Date :</b> 9/19/2025 1:05:00 PM         | <b>Project Mgr :</b> Yazmeen               |
| <b>Client Name :</b> Kleinfelder      |               | <b>Project Name :</b> Tanner G. Duckrey Public S | <b>Report Type :</b> Results+QC            |
| <b>Client Contact :</b> Mark Warchol  |               | <b>Receive DateTime :</b> 9/19/2025 12:00:00 AM  | <b>EDD Type :</b> EXCEL NOCLEANUP          |
| <b>Invoice Name :</b> Kleinfelder     |               | <b>Purchase Order :</b> 11:15 AM                 | <b>Hard Copy Date :</b>                    |
| <b>Invoice Contact :</b> Mark Warchol |               |                                                  | <b>Date Signoff :</b> 9/19/2025 1:30:45 PM |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE                         | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES   |
|----------|-----------|--------|-------------------------------------|-------------|---------------|------------|--------|----------|-------------|
| Q3155-01 | COMP-1    | Solid  | <del>09/19/2025</del><br>09/18/2025 | 09:55       |               |            |        |          |             |
|          |           |        |                                     |             | VOCMS Group1  |            | 8260D  |          | 5 Bus. Days |
| Q3155-02 | COMP-2    | Solid  | <del>09/19/2025</del><br>09/18/2025 | 10:40       |               |            |        |          |             |
|          |           |        |                                     |             | VOCMS Group1  |            | 8260D  |          | 5 Bus. Days |
| Q3155-03 | COMP-3    | Solid  | <del>09/19/2025</del><br>09/18/2025 | 11:30       |               |            |        |          |             |
|          |           |        |                                     |             | VOCMS Group1  |            | 8260D  |          | 5 Bus. Days |
| Q3155-04 | TB        | Water  | <del>09/19/2025</del><br>09/18/2025 | 00:00       |               |            |        |          |             |
|          |           |        |                                     |             | VOC-TCLVOA-10 |            | 8260D  |          | 5 Bus. Days |

Relinquished By : cl

Date / Time : 9/19/25 1336

Received By : Sami

Date / Time : 09/19/25

Storage Area : VOA Refridgerator Room

13:20  
# 6  
P22  
RgH 4